Considered: _____

WATER PERMIT NO. 5073-3

MAP No. Same

Name of Applicant S.D. Dept. of Game, Fish & Parks

Post Office Address 445 E. Capitol Pierre S.D. 57501

Amount of Water Claimed _____ Total Acres _____

Source of Water Supply Silver Lake

Water to be used for REC County Hutchinson & Turner

About 7 miles N of Freeman.

PROOF OF PUBLICATION: Received 1st 9-13-85 Not Received _____

APPLICATION: Approved May 14, 1986 Subject to _____

F.F.& C.L. Adopted _____ Not Approved _____ Deferred To March, 1986

PRIORITY Date Received Aug. 22, 1985 Fee N.A. Remarks Affidavit not received as of 8-22-85

1/1/17 Priority date Jan. 1, 1917

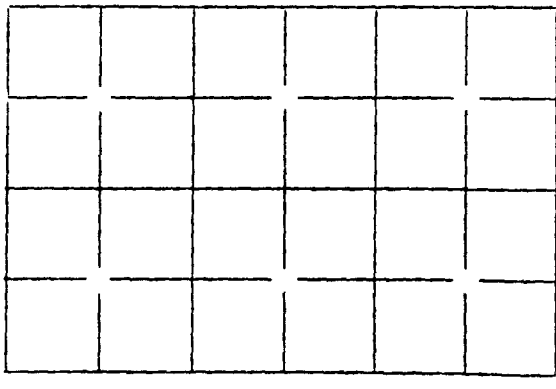
Corrected Application Received _____ Period of Annual Use Jan. 1 to Dec. 31

WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES ___ NO ___ REMARKS _____

Diversion Point SE¼ NE¼ sec. 25 T100N-R55W

Land to be Irrigated N.A.



Well Log: Driller N.A. Licensed YES ___ NO ___

Depth of Well _____ REMARKS _____

Type of Map ~~&~~ County Hiway Topo PREPARED BY Dept of G,F&P Reviewed and the Number assigned on June 9, 1986 By Ron Duvall

FORM 2: Application for uses other than irrigation (type or print)

No. 5073-3 Hydrologic Unit 10170102
Map No. Same Basin Vermillion River
Newspaper Freeman Courier Box 950 (Wed)

Mail to: Water Rights Div.
DWNR, Foss Bldg.
Pierre, SD 57501
(605) 773-3352

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use of water: Industrial ☐ Commercial ☐ Municipal ☐ Other Common Distribution System ☐
Rural Water System ☐ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☒
Domestic ☐ (above 18gpm) Other ☐

3PM AUG 1985 DIVISION OF WATER RIGHTS Pierre, SD

1 app map

Type of Application: Check one or more of the following

New ☐ Vested Right ☒ Future Use ☐ Change Use ☐
☐ Amend Permit No. _____ with old priority date retained
Change diversion point(s) ☐ Add diversion point(s) ☐ Other ☐ _____
☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____
☐ Construction to use water reserved by Future Use Permit No. _____

1. Name of Applicant S.D. Department of Game, Fish and Parks Phone No. 773-3387
   Post Office Address 445 E. Capitol (Street. RR or Box) Pierre, South Dakota State 57501 Zip Code
2. Amount of water claimed (c.f.s) Water to fill to outlet elevation of 1435.34 feet msl
3. Source of water supply Surface runoff from Silver Lake basin (see map)
4. Location of point of diversion SE¼ NE¼ Sec. 25 T100N R55W
   _____
   _____ County Hutchinson & Turner
5. Counties where water will be used Hutchinson & Turner
6. Annual period during which water is to be used 01-01 through 12-31 annually
7. Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

   Water will be used in place for wildlife and public recreational purposes.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA)
County of Hughes)ss

I, South Dakota Department of Game, Fish and Parks the applicant, certify that I have read the foregoing application, have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Signed Robert M. Foth

Subscribed and sworn to before me this 22nd day of August 19 85

Glenda E Keeler
Notary Public (or other qualified officer)

WATER PERMIT

Vested Right

The Water Management Board hereby approves ~~Water Permit~~ Application No. 5073-3

S. D. Dept. of Game, Fish & Parks (Applicant) 445 E. Capitol, Pierre (Post Office Address)

South Dakota (State) 57501 (Zip Code) With the following qualifications.

Date of first receipt of application August 22, 19 85.

Date of return to applicant for correction, amendments or changes required _____, 19____.

Date of receipt of corrected application _____, 19____. Approved May 14, 19 86.

Vested Right

The Water Management Board hereby approves this ~~Water Permit~~ No. 5073-3 authorizing the construction of the water use system and the placing of water to beneficial use as stated in the Application and as qualified in the Water Permit approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is January 1, 1917, ~~19~~____.
2. The equivalent of at least one-fifth of the specified work is to be completed on or before _____, 19____.
3. The whole of said work is ~~to be~~ completed ~~on or before~~ _____, ~~19~~____.
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is _____, 19____.
5. The water appropriated shall be used for the purpose of wildlife production and recreational use.
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be unlawfully impaired by this appropriation.
7. The amount of the appropriation herein granted shall not exceed * cubic feet per second; neither shall it exceed the capacity of the above described water supply system nor shall it exceed the amount of water needed for beneficial uses served and to which water is actually and beneficially applied for wildlife production & recreation ~~on or before~~ _____, 19____; said water to be used during the following described annual period: January 31 - December 31

*sufficient water to fill Silver Lake annually to the outlet elevation 1435.3 feet msl.

WATER MANAGEMENT BOARD

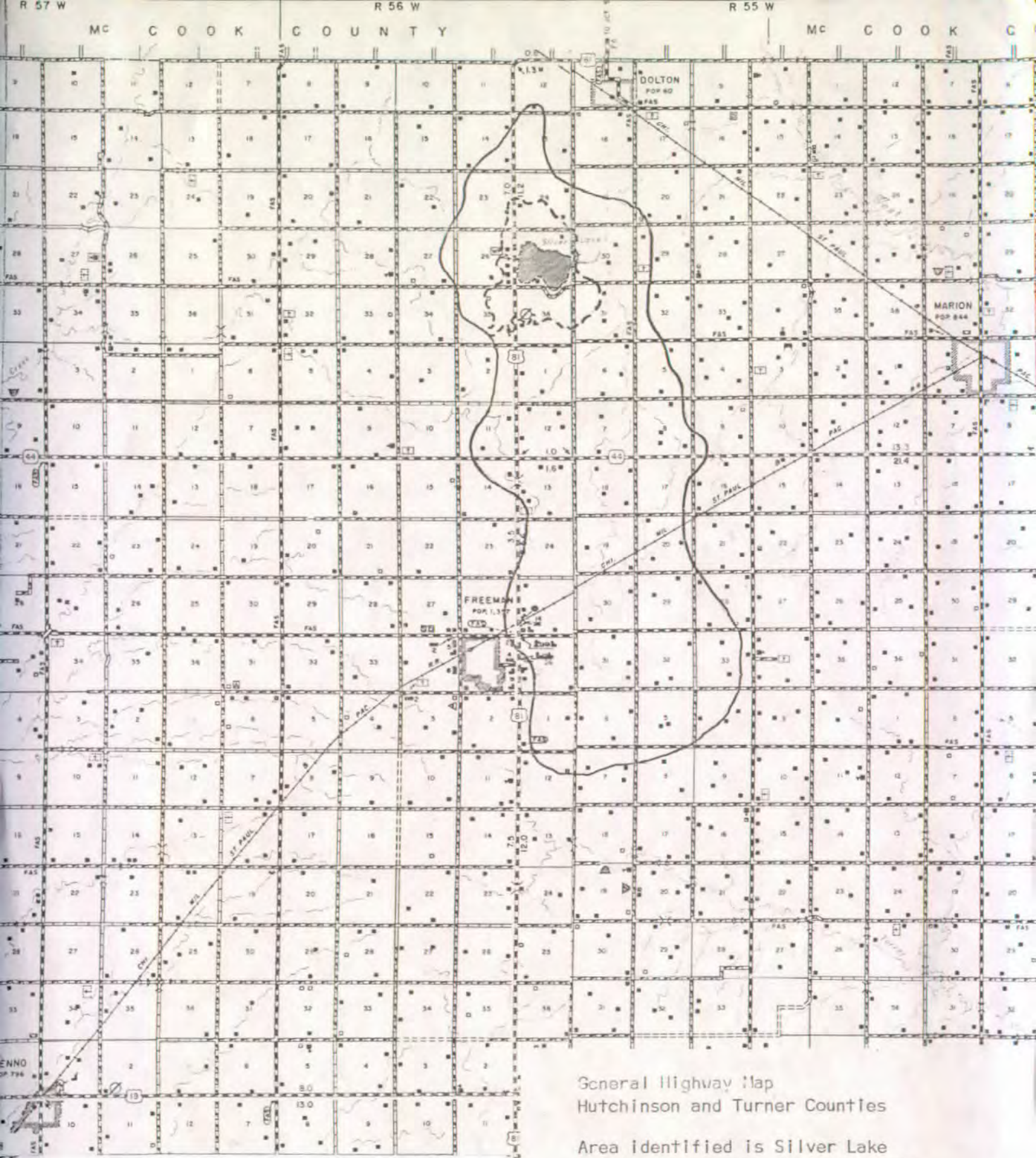
By: _____

Chief Engineer JOHN HATCH

Division of Water Rights

Dept. of Water and Natural Resources

_____, 19____



General Highway Map
Hutchinson and Turner Counties

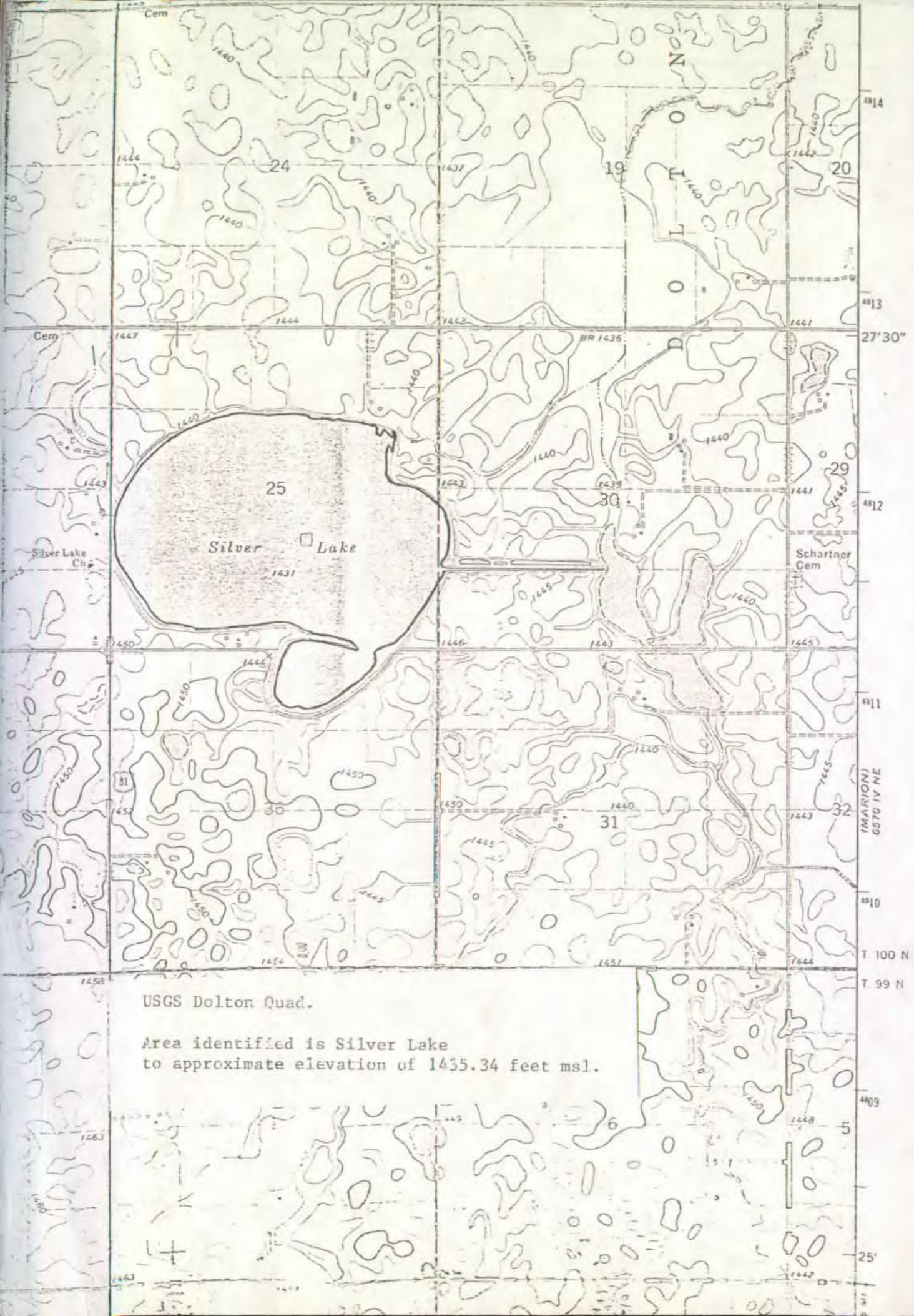
Area identified is Silver Lake
and its respective drainage basin

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 2

To	From
M. Ke Marlo	Ron Duvall
Co.	Co.
Dept.	Phone # 773-3352
Fax #	Fax #

Joe Kirk - Interagency Coordinator
S.D. D.F.&P.

Vested Right Appl. No. 5073-3



USGS Dolton Quad.

Area identified is Silver Lake
to approximate elevation of 1435.34 feet msl.

John Kirk - Delaney Coordinates
SD GFAP

Vested Right Appl No. 5073-3

Form 2B

Affidavit of Water Use

No. _____

(Type or Print in Ink)

Note: This Form is supplemental to Form 2 and is to be used when an affidavit pertaining to construction and water use already constructed is needed, primarily with vested right claims.

Affidavit Of Construction Of Water Use System And Application Of Water To Beneficial Use

Name of Applicant (Same as Form 2) S.D. Department of Game, Fish and Parks

Post Office Address 445 E. Capitol (Street, RR or Box) Pierre, South Dakota (State) 57501 (Zip Code)

A. Notice of Appropriation _____ Date of Posting _____

Date of recording _____ Recording date _____ (Where) (Book) (Page)

B. Date of start of construction of water supply system _____

C. Date that water was first applied to beneficial use _____

D. Name of owner of original water supply system _____

E. Amount of water originally applied to beneficial use Silver Lake - to outlet 1435.34msl

F. Present Use of Water - Amount of water now being used Annual fill to outlet of 1435.34msl

Date that this water was first used _____

G. Chronological History of Water Use

Silver Lake is a meandered lake and has been in marshland since the original meander survey. A dike was constructed in 1916 on the northeast side to increase the lake level. The dike was subsequently removed and a spillway installed. A diversion ditch from Rohr Lake was built in 1917 and updated by GF&P in 1958.

Attach to this Form 2B any copies of notices, postings, filings, publications, affidavits, or other records that apply. You may also attach any written statement by you, or by others, that you deem pertinent.

State of South Dakota)
ss
County of Hughes)

I, South Dakota Department of Game, Fish and Parks (print or type) the applicant, certify that I have read the foregoing and that the matters therein stated are true.

Signed Ronald M. Kotil

Subscribed and sworn to before me August 22nd, 19 85

Charles E Keeler
Notary Public or other qualified officer

I, the undersigned do hereby certify that I know about the water use system described above, that I have read the foregoing, and that the matters therein stated are true.

_____ 19____
(Print name)

_____ 19____
(Print name)

South Dakota
Department of Game, Fish and Parks

Division of Wildlife
Sigurd Anderson Building
445 East Capitol
Pierre, South Dakota 57501-3185
(605) 773-3381

August 22, 1985

MEMO TO: John Hatch, Chief Engineer
Division of Water Rights

FROM: Ron Koth, Water Permits Coordinator
Department of Game, Fish and Parks

SUBJECT: Silver Lake Water Rights

Please find attached a vested water right application for Silver Lake, Hutchinson County, South Dakota. Recent conversations with Greg Powell of your staff have indicated that it was his desire to present as much material relating to Silver Lake as possible when the OHWM is considered by the Board of Water Management.

The attached water right request is for a vested right to reflect conditions as they are today. An affidavit from a local landowner will be forthcoming, but in order to meet the August 30, 1985 legal notice publication deadline, I am submitting the application without the affidavit at this time.

Please call if you have any questions or need any additional information.

RK/ld

enc.

STATE OF SOUTH DAKOTA)
: SS AFFIDAVIT
COUNTY OF Hutchinson)

Curt Pankratz, being first duly sworn on oath, deposes and states as follows:

1. That he has resided in Turner & Hutchinson County, South Dakota, for 23 years, and that he is thoroughly familiar with the area commonly known as Silver Lake, and being more particularly described as follows: Sec. 25 and Sec. 36 Twp 100N R 56 W.

2. That his knowledge and familiarity with the area has been acquired by virtue of the fact that he has, for the last 73 years, resided within 9 miles of said described land, and that he has personal knowledge of the use to which the land was put, at all times from January 1, ~~1955~~ 1912, to the present; he was further acquainted with _____, who was owner of the above-described property prior to _____.

3. The undersigned hereby states, from his personal knowledge, that the above-described land area is now, and was, at all times from before January 1, ~~1955~~ 1912, and continuing to the present, a natural wetland area beneficial to wildlife and public recreation, and the area has now, and always has had, from before

January 1, ~~1955~~ 1912, and continuing to the present, intrinsic use as a wildlife production area, and all of said uses have continued uninterrupted from before January 1, ~~1955~~ 1912, to the date of this Affidavit.

Dated this 26 day of August, 1985.

Affiant

Subscribed and sworn to before me, a notary public, this 26 day of August, 1985.

Notary Public, South Dakota

My Commission expires:

DONALD E. IHNEN, Notary Public
My Commission Expires Nov. 18, 1988

SEAL

REPORT ON APPLICATION NO. 5073-3

TO RECOGNIZE VESTED WATER FOR SILVER LAKE

DEPARTMENT OF GAME, FISH & PARKS

August 27, 1985

Application No. 5073-3 requests recognition of a Vested Water Right on Silver Lake (approximately 395 surface acres) located in portions of Sections 25 and 26 of T100N, R55W of Hutchinson County, and a portion of Section 30, T100N, R56W of Turner County. The application requests water to fill the lake annually to the outlet elevation 1435.34 feet msl, estimated to be 1218 acre feet per year (average annual lake evaporation). The outlet elevation was surveyed by the Division of Water Rights. The priority date for which this application may be approved is 1917, as evidenced by an affidavit signed by Ronald M. Koth.

Kent Buhler
Natural Resources Engineer

RECOMMENDATION OF CHIEF ENGINEER FOR

APPLICATION NO. 5073-3 FOR RECOGNITION OF A VESTED RIGHT CLAIM

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Application No. 5073-3 for recognition of a Vested Water Right Claim for Silver Lake by the South Dakota Department of Game, Fish & Parks.

The Chief Engineer is recommending RECOGNITION of Application No. 5073-3 because 1) the water has been appropriated since 1917 for wildlife and public recreation purposes, 2) the use has been developed without unlawful impairment of existing rights, 3) the use is a beneficial use of water and 4) in the public interest.

See attached report for additional information.

John Hatch, Chief Engineer

August 28, 1985

5073-3

WATER RIGHTS DIVISION
(605) 773-3352

September 5, 1985

Curt Pankratz
Route #3, Box 31
Freeman, South Dakota 57029

Dear Mr. Pankratz:

Enclosed is a copy of the Chief Engineers Recommendation and the Engineering Report on Silver Lake concerning the vested water right application 5073-3.

If you have futther questions, please contact me.

Sincerely,

Greg Powell
Natural Resources Engineer

GP:ms
Enc.

5073-3

WATER RIGHTS DIVISION
(605) 773-3352

September 6, 1985

Ted Waltner
Route 1, Box 66 A
Dolton, South Dakota 57023

Dear Mr. Waltner:

Enclosed is a copy of the Chief Engineer's Recommendation and the Engineering Report on Silver Lake concerning vested water right application No. 5073-3. Also enclosed is a copy of Water Laws.

If you have any futther questions please contact this office.

Sincerely,

Maxine Stirling
Staff Assistant

ms/
Enc. 3

September 9, 1985

Ted Waltner
Rt 1, Box 66A
Dolton, SD 57023

Dear Mr. Waltner:

Enclosed is a copy of the Engineer's Report on Application No. 5073-3 and the affidavit.

Sincerely,

Maxine Stirling
Staff Assistant

ms/
Enc.

SOUTH Dakota **Department of**
Water & Natural Resources

No. 5073-3

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
(605) 773-3352

NOTE: TO BE SURE OF PUBLICATION ON THE CORRECT DATES, CONTACT THE NEWSPAPER RIGHT AWAY.

August 29, 1985

S.D. Dept. of Game, Fish & Parks
445 E. Capitol
Pierre, SD 57501

Dear Sir:

You are hereby notified that your Application No. 5073-3 for a permit to appropriate water for recreation use, has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of your intent to appropriate water has been sent to the Publisher of the Freeman Courier The New Era printed at Freeman, Parker, South Dakota. For your information, a copy of this notice and the recommendation of the Chief Engineer is enclosed. Please review and contact this office, if you have any questions.

Be sure to contact the above newspaper to authorize publication of your notice of intent to appropriate water and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur at least thirty days before the board meeting. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Very truly yours,

KEVIN C LARSON
Natural Resources Engineer

Encl. Forms 6&7

WNR-805-4/83
Publication Notice

Form 8 - Proof of Publication - Notice of Intent to Appropriate Water

No. 5073-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County TURNER)

I, EARL J. BORMANN hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the VFsted Right Claim from Silver Lake

A newspaper which during the whole time of publication of said notice herein after stated, has been and is printed and published in the

Sept. 5-12th of New Era

County of Turner and State of South Dakota; that the said notice was published in said newspaper on the following two dates:

THURSDAY, SEPTEMBER 5, 1985

THURSDAY, SEPTEMBER 12, 1985

Earl J. Bormann, Editor
(Signature)

Editor
(Title)

September 3, 1985
(Date Signed)

SEP 1985 DIVISION OF WATER RIGHTS Pierre, SD

Cost of Printing: English Type
$38.33

8-7/79
Publication

NOTICE OF HEARING
on Application No. 5073-3
to Recognize a Vested Water Right Claim

Notice is hereby given that S.D. Dept. of Game, Fish & Parks whose mailing address is 445 E. Capitol, Pierre, South Dakota has made an application for recognition of a Vested Right claim on Silver Lake Located in portions of Sections 25 and 36, T100N-R5W and Section 30, T100N-R56W. The claim is for sufficient water to fill the lake annually to the outlet elevation 1435.34 feet msl.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends RECOGNITION of Vested Water Right Application No. 5073-3 because 1) Water has been appropriated since 1917 for wildlife and public recreation purposes, 2) the use has been developed without unlawful impairment of existing rights, 3) is a beneficial use of water, and 4) in the public interest.

This application will be considered by the Water Management Board at Howard Johnson Nebraska Room, 3300 W. Russell, Sioux Falls, SD, October 16, 1985 at 10:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to make a determination on this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the Applicant and the Chief Engineer by October 4, 1985. The petition may be informal, but it must include a statement describing the petitioners interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

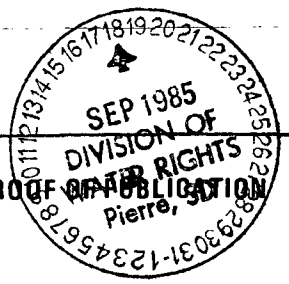
This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-31; (ground) 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; (future use) 46-5-38 thru 46-5-40; (transfer lands) 46-5-30.4, 46-5-33 thru 46-5-35; (10,000 AFA) 46-5-20.1, 46-5-8.1; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; (future use) 74:02:01:24 thru 74:02:01:25; (10,000 AFA) 74:02:01:15:02 thru 74:02:01:15.05.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNR, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by October 4, 1985.

(2tc24 — Sept. 5 & 12, 1985)

Form 8 - Proof of Publication - Notice of Intent to Appropriate Water



No. 5073-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County Hutchinson)

I, Tim Wattner hereby certify that the annexed printed copy of Notice of Intent to Appropriate Water was taken from the Freeman Courier

A newspaper which during the whole time of publication of said notice herein after stated, has been and is printed and published in the City of Freeman County of Hutchinson and State of South Dakota; that the said notice was published in said newspaper on the following two dates:

September 4, 1985
September 11, 1985

Tim Wattner
(Signature)

publisher
(Title)

9/17/85
(Date Signed)

Cost of Printing: $43.11

Notice of Hearing on Application No. 5073-3 to recognize a vested water right claim

Notice is hereby given that S.D. Department of Game, Fish and Parks whose mailing address is 445 E. Capitol, Pierre, South Dakota has made an application for recognition of a Vested Right claim on Silver Lake located in portions of Sections 25 and 36, T100N-R55W and Section 30, T100N-R56W. The claim is for sufficient water to fill the lake annually to the outlet elevation 1435.34 feet msl.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends RECOGNITION of Vested Water Right Application No. 5073-3 because 1) Water has been appropriated since 1917 for Wildlife and public recreation purposes, 2) the use has been developed without unlawful impairment of existing rights, 3) is a beneficial use of water, and 4) in the public interest.

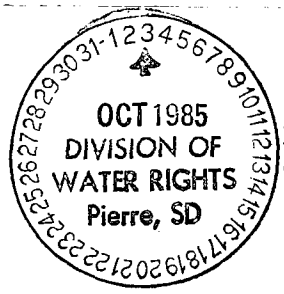
This application will be considered by the Water Management Board at Howard Johnson Nebraska Room, 3300 W. Russell, Sioux Falls, SD October 16, 1985 at 10:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to make a determination on this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the Applicant and the chief Engineer by October 4, 1985. The petition may be informal, but it must include a statement describing the petitioners interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17, 46-2A-1 thru 46-2A10, 46-2A-12, 46-2A-14, 46-2A-15, 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-31; (ground) 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; (future use) 46-5-38 thru 46-5-40; (transfer lands) 46-5-30.4, 46-5-33 thru 46-5-35; (10,000 AFA) 46-5-20.1, 46-5-8.1; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; (future use) 74:02:01:24 thru 74:02:01:25; (10,000 AFA) 74:02:01:15:02 thru 74:02:01:15:05.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNR, Joe Foss Bldg, Pierre, SD (605-773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by October 4, 1985.



Marion, South Dakota 57043
October 2, 1985

John Hatch
Chief Engineer
Water Rights Division
Department of Water & Natural Resources
Joe Foss Building
Pierre, South Dakota 57501

Dear Mr. Hatch:

We hereby request the automatic extension of time for hearing with regards to NOTICE OF HEARING ON APPLICATION NO. 5073-3 TO RECOGNIZE A VESTED WATER RIGHT CLAIM. We have previously filed a petition in opposition to said application.

Sincerely,

Ted Waltner

Murray Waltner

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

October 7, 1985

NOTICE

TO: Murray Waltner
Rt 1, Box 159
Marion SD 57043

Ted Waltner
Box 66A
Dolton SD 57023

FROM: John Hatch, Chief Engineer
Water Rights Division

SUBJECT: Hearing of Application No. 5073-3 Silver Lake

Pursuant to your request and SDCL 46-2A-4 and 46-2A-5 the time of hearing October 16, 1985 for consideration of Permit Application No. 5073-3, to recognize a vested water right claim is automatically extended. The exact time and place of hearing will be provided at a later date.

KL:ks

cc: Ron Koth, Game, Fish & Parks
Donna Dietrich, Attorney

CERTIFICATION

I hereby, certify that on October 7, 1985 I have personnally deposited with the U.S. Mail, postage prepaid envelopes containing a Notice for automatic extension of time for Application No. 5073-3, Silver Lake addressed to:

Murray Waltner
Rt 1, Box 159
Marion SD 57043

Ted Waltner
Box 66A
Dolton SD 57023

Donna Dietrich
100 W 4
Yankton SD 57078

Ron Koth, Game, Fish & Parks

Karen Schlaak
Administrative Aide

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 9th day of October 1985.

JOHN HATCH
NOTARY PUBLIC
SOUTH DAKOTA
SEAL SEAL
My Commission Expires Apr. 1, 1993

Notary Public

Blackburn & Stevens

ATTORNEYS AT LAW

FOURTH & DOUGLAS
YANKTON, SOUTH DAKOTA 57078-4393

TELEPHONE
(605) 665-5550

John P. Blackburn
MEMBER OF SD AND NE BAR ASSN.

Michael D. Stevens
MEMBER OF SD AND NE BAR ASSN.

Donna K. Dietrich
MEMBER OF SD BAR ASSN.

October 7, 1985

Mr. Kevin Larson
Water Rights Division
Foss Building
Pierre, South Dakota 57501

Re: Application 5073-3 to Recognize a Vested Water Right Claim

Dear Mr. Larson:

This is to confirm that we represent Murray and Ted Waltner and that on their behalf we withdraw the request for an extension of time for hearing on the above captioned Application. We will plan on this Application being heard on October 16, 1985 at 10:00 A.M. in Sioux Falls.

If you have any questions, please contact our office.

Yours very truly,

Donna K. Dietrich

Donna K. Dietrich

DKD:bg

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

October 9, 1985

NOTICE

TO: Murray Waltner
Rt 1, Box 159
Marion SD 57043

Ted Waltner
Box 66A
Dolton SD 57023

FROM: John Hatch, Chief Engineer
Water Rights Division

SUBJECT: Hearing on Application No. 5073-3, Silver Lake

Pursuant to your letter dated October 7, 1985 your request for continuance of the above referred hearing is withdrawn. The hearing will be held October 16, 1985 at 10:00 am at the Howard Johnson's, Nebraska Room, 3300 W Russell, Sioux Falls SD.

KL:ks

cc: Ron Koth, Game, Fish & Parks
Donna Dietrich, Attorney
Dan Doyle, Assistant Attorney General

CERTIFICATION

I hereby certify on October 9, 1985 I have personnally deposited with the U.S. Mail, postage prepaid envelopes containing a Notice of Withdrawal of Automatic Extension of time for Application No. 5073-3 Silver Lake addressed to:

Murray Waltner
RR 1, Box 159
Marion SD 57043

Ted Waltner
Box 66a
Dolton SD 57023

cc: Donna Dietrich, Attorney
100 W 4
Yankton SD 57078

Ron Koth, Game, Fish & Parks

Karen Schlaak
KAREN SCHLAAK
Administrative Aide

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 9th day of October, 1985.

John Jalich
Notary Public

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

October 23, 1985

N O T I C E

TO: Jeff Stingley, Secretary
Dept. of Game, Fish and Parks

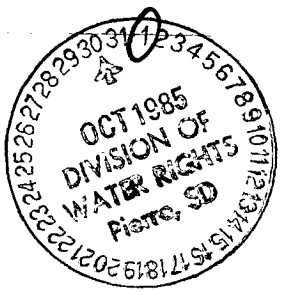
FROM: John Hatch, Chief Engineer
Water Rights Division

SUBJECT: Vested Right Claim No. 5073-3 for Silver Lake

The Water Management Board deferred action on the above referenced vested right claim October 16, 1985. The Board will consider Vested Right Claim No. 5073-3 March 5 & 6, 1986 in Pierre. The exact time and place of the hearing will be forwarded at a later date.

JH:KL:ks

Equal Opportunity Employer



Marion, South Dakota 57043
September 28, 1985

John Hatch
Chief Engineer
Water Rights Division
Department of Water and Natural Resources
Joe Foss Building
Pierre, South Dakota 57501

Sir:

Concerning the vested right claim No. 5073-3 on Silver Lake located in Hutchinson & Turner counties, we being adjacent landowners intend to exercise our right to oppose this claim.

We are concerned as to the affect this claim will have on our farm, land, and water drainage rights. Furthermore, the use of the appropriated water has been developed unlawfully with regard to our existing rights.

Sincerely:

Murray Waltner
Route 1, Box 159
Marion, South Dakota 57043

Box 66A
Dalton S. Dak.

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

December 12, 1985

NOTICE

TO: Jeff Stingley, Secretary
Department of Game, Fish and Parks

FROM: John Hatch, Chief Engineer
Water Rights Division

SUBJECT: Vested Right Claim No. 5073-3 for Silver Lake

The Water Management Board deferred action on the above referenced Vested Right Claim, October 16, 1985. The Board will reconsider Vested Right Claim No. 5073-3, March 5, 1986 at 1:00 pm in Room 216, Joe Foss Building, Pierre SD.

JH:ks

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

South Dakota Department of Game, Fish & Parks
445 E. Capitol
Anderson Building
Pierre, South Dakota 57501

Dear Sir:

Enclosed are your Validated Vested Water Right and Water License No. 5073-3. As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

JH:ms

enclosures

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
605 773-3352

March 14, 1986

NOTICE

TO: Jeff Stingley, Secretary
Department of Game, Fish and Parks

FROM: John Hatch, Chief Engineer
Water Rights Division

SUBJECT: Preparation of Findings of Fact, Conclusions of Law and Final Decision

The Water Management Board has directed Mr. Guhin, the Board's attorney to prepare proposed Findings of Fact, Conclusions of Law and a Final Decision regarding recognition of Vested Right Application No. 5073-3. The Board will consider the proposed Findings, Conclusions and Final Decision at 10:30 am, May 14, 1986, Room 216, Joe Foss Building, Pierre SD.

The Board has requested that a copy of the proposed Findings, Conclusions and Final Decision be mailed to the Board and other interested parties by April 23, 1986. Any comments pertaining to the proposed Findings, Conclusions and Decision are to be mailed to the Board and other interested parties by May 7, 1986.

The public hearing on recognition of Vested Right Application No. 5073-3 was completed March 5, 1986. No additional testimony on this Vested Right will be received on May 14, 1986.

cc: John Guhin, Assistant Attorney General

CERTIFICATION

I hereby certify that on March 14, 1986, I have personnally deposited with the U.S. Mail, postage prepaid envelopes containing Notices for Vested Water Right No. 5073-3, Game, Fish and Parks addressed to those persons on the attached mailing labels.

Karen Schlaak
Karen Schlaak
Administrative Aide

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 14th day of March, 1986.

JOHN HATCH
SEAL NOTARY PUBLIC SEAL
SOUTH DAKOTA
My Commission Expires Apr. 1, 1993

John Hatch
Notary Public

SILVER LAKE

Those present at
March 5, 1986 hearing

Tim Harder
Rt 1, Box 68
Dolton SD 57023

Rodney Waltner
RR 1, Box 154
Marion SD 57043

Murray Waltner
Rt 1, Box 159
Marion SD 57043

Art J Becker
Marion SD 57043

Jeff Stingley, Secretary
Game, Fish & Parks
Anderson Bldg.

Ted Waltner
Dolton SD 57023

Larry Schmidt
Rt 2, Box 84
Parker SD 57053

Rudy Becker
RR 2, Box 102
Marion SD 57043

Ferdinand E Thomas
Freeman SD 57029

Loris Becker
RR 1, Box 165
Marion SD 57043

Tommy Thomas
Box 107, RR 2
Marion SD 57043

Jerry Schartner
Marion SD 57043

Isaac Unruh
Box 607
Freeman SD 57029

Willie H Waltner
Marion SD 57043

Arden Becker
RR 2, Box 114
Marion SD 57043

Gusta Waltner
Marion SD 57043

Otto Thomas
Box 182
Marion SD 57043

Ilene Schartner
RR 1
Marion SD 57043

Dell Thomas
RR 1, Box 158
Marion SD 57043

Brian Schmidt
RR 1, Box 23
Marion SD 57043

Roger Waltner
RR 1, Box 155
Marion SD 57043

Raymond Becker
Rt 1, Box 231
Freeman SD 57029

Danny Koehn
RR 1, Box 124
Marion SD 57043

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

May 29, 1986

NOTICE

TO: Jeff Stingley, Secretary
Dept of Game, Fish and Parks

FROM: John Hatch, Chief Engineer
Water Rights Division

SUBJECT: Findings of Fact, Conclusions of Law and Final Decision

This is to notify you that a Final Decision including Findings of Fact and Conclusions of Law were adopted by the Water Management Board at the May 14, 1986 meeting recognizing Vested Right Application No. 5073-3 for Silver Lake.

The final Decision, Findings and Conclusions are on file in this office and signed copies will be furnished upon request. South Dakota Statutes provide that decisions of the Board may be appealed to the Courts.

Equal Opportunity Employer

SILVER LAKE

Those present at
March 5, 1986 hearing

Murray Waltner
Rt 1, Box 159
Marion SD 57043

Ted Waltner
Dolton SD 57023

Rudy Becker
RR 2, Box 102
Marion SD 57043

Loris Becker
RR 1, Box 165
Marion SD 57043

Jerry Schartner
Marion SD 57043

Willie H Waltner
Marion SD 57043

Gusta Waltner
Marion SD 57043

Ilene Schartner
RR 1
Marion SD 57043

Brian Schmidt
RR 1, Box 23
Marion SD 57043

Raymond Becker
Rt 1, Box 231
Freeman SD 57029

Tim Harder
Rt 1, Box 68
Dolton SD 57023

Art J Becker
Marion SD 57043

Larry Schmidt
Rt 2, Box 84
Parker SD 57053

Ferdinand E Thomas
Freeman SD 57029

Tommy Thomas
Box 107, RR 2
Marion SD 57043

Isaac Unruh
Box 607
Freeman SD 57029

Arden Becker
RR 2, Box 114
Marion SD 57043

Otto Thomas
Box 182
Marion SD 57043

Dell Thomas
RR 1, Box 158
Marion SD 57043

Roger Waltner
RR 1, Box 155
Marion SD 57043

Danny Koehn
RR 1, Box 124
Marion SD 57043

Rodney Waltner
RR 1, Box 154
Marion SD 57043

Jeff Stingley, Secretary
Game, Fish & Parks
Anderson Bldg.

CERTIFICATION

I hereby certify that on March 29, 1986 I have personnally deposited with the U.S. Mail postage prepaid envelopes containing a Notice concerning adoption of a Final Decision on No. 5073-3, Silver Lake sent to those people on the attached mailing list

Karen Schlaak
KAREN SCHLAAK
Administrative Aide

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 2nd day of June, 1986.

JOHN HATCH
SEAL NOTARY PUBLIC SOUTH DAKOTA SEAL
My Commission Expires Apr. 1, 1993

John Hatch
Notary Public

5073-3

South Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

September 21, 1988

Richard Beringson, Secretary
Department of Game, Fish and Parks
Anderson Building
445 E Capitol
Pierre SD 57501

Dear Mr. Beringson:

I am writing to notify you that pursuant to the Notice of Intent to Validate Vested Water Right Claims dated June 20, 1988 that I intend to oppose validation of all Department of Game, Fish and Parks Vested Water Right Claims for lakes for the following reasons:

1. Until the outlet elevation for each lake is surveyed and the outlet elevation is set by the Water Management Board.

2. To allow the Vested Water Right Claim to be amended, if necessary, as follows:
   a) Include the outlet elevation;
   b) To correct the amount of water claimed;
   c) To add the qualification that a vested claim is subject where necessary to installation of a concrete outlet structure to assure retention of the outlet as the established elevation; and
   d) To add any amendments and qualifications necessary to clarify a Vested Right Claim.

Also, that I intend to oppose validation of all Department of Game, Fish and Parks Vested Water Right Claims for dams to allow the Vested Water Right Claim to be amended, if necessary, as follows:

1. To include the spillway elevation;

2. To correct the amount of water claimed; and

3. To add any amendments and qualifications necessary to clarify a Vested Right Claim.

CELEBRATE THE CENTURY
1889-1989 South Dakota

We will be working with your staff on these validations. We have already discussed setting outlet elevations before validating claims for lakes. Although the work necessary to complete the validation process will take several years to complete, the results should be of benefit to the public and to your Department. As the work is completed to validate each claim, the claim will be presented to the Water Management Board for validation.

Please advise if you have any questions.

Very truly yours,

for Delvin D. Brosz

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

cc: Ron Koth, Department of Game, Fish and Parks

September 26, 1988
Route 1, Box 159
Marion, SD 57043

Chief Engineer
Water Rights Division
Department of Water and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181

PETITION OF INTENT TO OPPOSE VALIDATION OF VESTED RIGHT 5073-3

Description of opposition:

(1) Existing rights have been impaired through use of permit No. 542-3

(2) Affidavits used for recognition of Vested Right 5073-3 are fraudulent

(3) Game, Fish and Parks not in compliance with 542-3 as amended in 1985

(4) No need of water from diverion point at Sec. 30 100' 557

Murray Waltner

Route 1, Box 159
Marion, SD 57043

Ted Waltner

Routel, Box 66A
Dolton, SD 57023

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

October 11, 1988

Richard Beringson, Secretary
Department of Game, Fish and Parks
Anderson Building
445 E Capitol
Pierre SD 57501

Dear Mr. Beringson:

Enclosed is a copy of a letter received from Murray & Ted Waltner opposing validation of Vested Water Right Claim No. 5073-3 for Silver Lake in Turner and Hutchinson Counties.

The Department of Game, Fish and Parks and the Waltners will be notified as to the date, place and time of the hearing for validation of the claim. At that time, persons will have the opportunity to present evidence as to why or why not the claim should be validated.

If you have any questions or need additional information, please contact us.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

enclosure

cc: Murray Waltner
Ted Waltner
Ron Koth w/enclosure

CELEBRATE THE CENTURY
1889 · 1989
South Dakota

Report on Validation of Recognized Vested
Right No. 5073-3
South Dakota Department of Game Fish and Parks
November 1, 1989

Recognized Vested Right Claim No. 5073-3, South Dakota Department of Game, Fish and Parks, is for validation of an outlet elevation for Silver Lake, in Turner and Hutchinson Counties. The applicant is requesting validation for: water to fill Silver Lake yearly to an outlet elevation of 1435.34 feet above mean sea level (fmsl) using surface runoff from the Silver Lake drainage basin. The diversion point is located in the SE1/4 NE1/4 of Section 25, T100N R55W. The applicant is claiming a January 1, 1917 priority date, with the water to be used for wildlife production and recreational uses.

Discussion

The diversion structure is the existing outlet structure, namely, a concrete spillway with a crest elevation of 1435.34 fmsl. The concrete spillway crest acts as an inlet/outlet depending upon the water level in Rohr Lake immediately downstream of the concrete spillway. The concrete spillway becomes submerged when Rohr Lake fills with water during large runoff events (see Location Map).

On October 16, 1985, the Water Management Board established the Ordinary High Water Mark for Silver Lake at elevation 1435.7 fmsl and established the outlet elevation at 1435.3 fmsl.

On October 16, 1985, the Water Management Board deferred recognition of Vested Right Claim No. 5073-3 until March 5, 1986. On March 5, 1986, a hearing was held concerning recognition of Vested Right Claim No. 5073-3. A Final Decision including Findings of Fact and Conclusions of Law were adopted by the Water Management Board at the May 14, 1986 meeting recognizing Vested Right Claim No. 5073-3 for Silver Lake (Findings of Fact and Conclusions of Law and Final Decision, In the Matter of the Vested Right Claim No. 5073-3 for Silver Lake).

Review of Pertinent Water Law

South Dakota Codified Law (SDCL) 43-17-24.2 states that: "Any decision of the water management board setting a high water mark or a low water mark prior to January 1, 1987, is hereby cured, legalized and validated as fully as if the decision had been issued in full compliance with SDCL 43-17-24. This section does not apply to any decision of the water management board, if an action or proceeding challenging the decision is or has been commenced in the courts of this state prior to July 1, 1987."

SDCL 43-17-25 states that: "The water management board shall reconsider its establishment of water marks upon request, if the request is made within a period of sixty days following the publication of the order establishing the water marks, and if additional pertinent information or data is made available to the board in the request. The decision on the establishment of water marks by the board, including those resulting from any reconsideration request, is final unless an appeal is made to the courts as provided by law."

The Water Management Board established the Ordinary High Water Mark and the outlet elevation for Silver Lake on October 16, 1985. The outlet elevation was established at 1435.3 fmsl. The Division believes that establishment of the outlet elevation was final. A reconsideration request concerning changing the outlet elevation is not valid. Hence, validation of Vested Right Claim No. 5037-3 should be approved.

Conclusions

1. Vested Right Claim No. 5073-3 is a valid claim.

2. The Department of Game, Fish and Parks has applied the water of Silver Lake for wildlife and public recreational use since at least 1917.

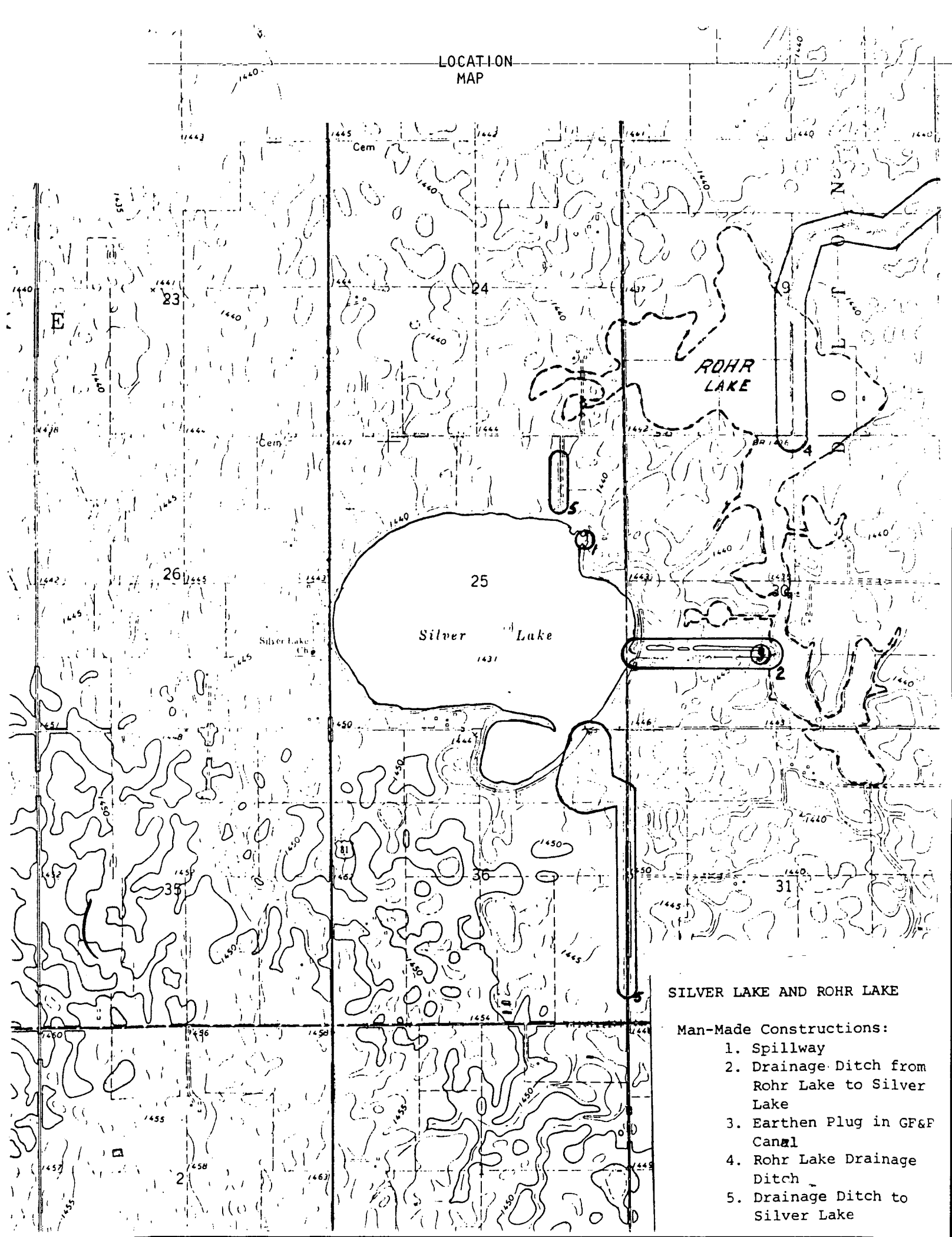
3. The Ordinary High Water Mark for Silver Lake is set at 1435.7 fmsl.

4. The outlet elevation for Silver Lake is set at elevation 1435.3 fmsl.

5. The Department of Game, Fish and Parks has a historic claim to the use of water to the outlet elevation.

6. Recognized Vested Water Right Claim No. 5073-3 should be validated with an outlet elevation of 1435.3 fmsl and a priority date of January 1, 1917.

David S. Brown
Natural Resources Engineer
DWNR, Water Rights Division



SILVER LAKE AND ROHR LAKE

Man-Made Constructions:

1. Spillway
2. Drainage Ditch from Rohr Lake to Silver Lake
3. Earthen Plug in GF&P Canal
4. Rohr Lake Drainage Ditch
5. Drainage Ditch to Silver Lake

STATE OF SOUTH DAKOTA

WATER MANAGEMENT BOARD

IN THE MATTER OF THE VESTED RIGHT CLAIM NO. 5073-3 FOR SILVER LAKE	FINDINGS OF FACT, CONCLUSIONS OF LAW AND FINAL DECISION

FINDINGS OF FACT

1. South Dakota Game, Fish and Parks has applied for a vested water right to fill Silver Lake to an outlet elevation of 1435.34 feet mean sea level. Game, Fish and Parks claims a priority date of 1917.

2. Game, Fish and Parks has maintained the lake since 1916. In that year the Department constructed a dike on the northeast side of the lake to increase its level.

3. Competent evidence submitted by a landowner in the area indicates that the lake has historically been a natural area beneficial to wildlife and public recreation.

4. The approximately 17,094 acres identified in a document entitled "Ordinary High Water Mark Investigation, Silver Lake, September 1985" at Figure 3, constitute the Silver Lake drainage basin.

5. Certain landowners in the area in 1915 formed a drainage district for the purpose of draining water from their land.

6. Despite the formation of the drainage district, landowners in the area have been subjected to flooding during wet years.

7. Game, Fish and Parks has not, through maintenance of Silver Lake, been responsible for such flooding.

8. If local residents are unable, because of the existence of the vested right at issue here, to further drain water from their property (that is, to drain water in excess of that explicitly allowed under the 1915 drainage permit) they will, in some wet years, sustain damage to their property or be unable to use their property. If the residents were able to so drain their property this could, to a significant degree, be avoided.

9. The evidence indicates that the lake has been dry in certain years but there is no showing as to which particular years or how many years the lake has been dry. Nor has any showing been made that Game, Fish and Parks did not use the lake when water was available.

CONCLUSIONS OF LAW

1. This Board has jurisdiction in this matter.

2. All notices required by statute and constitutional law have been given and all advertisements as required by law have been published.

3. A vested right will be recognized when

(a) water has been continuously applied for a permissible purpose.

(b) the use has been developed without unlawful impairment of existing rights.

(c) the use is beneficial; and,

(d) the use is in the public interest.

4. Game, Fish and Parks has applied the water of Silver Lake for wildlife and public recreational use since at least 1917.

5. Game, Fish and Parks did fail to use the water in years there was no water in the lake. The failure to use water when there is no water constitutes a legal excuse to nonuse.

6. The evidence does not indicate any three year period of nonuse by Game, Fish and Parks when the water was available.

7. Although surrounding landowners have, in the period since 1917, been occasionally flooded, the Department of Game, Fish and Parks, has not, by maintaining Silver Lake, caused the flooding. Therefore, the development of the water right has been in this respect without impairment of existing rights.

8. The use of water for wildlife and recreational purposes is a beneficial use of water.

9. The holder of a valid appropriative water right has the authority to divert water only in a reasonable manner. In the case in which a supply of water is from runoff from a large area, the method of diversion of water must likewise be reasonable. A method of diversion which is reasonable is one which, among other things, does not cause damage to the property of other landowners. Therefore, the right of Game, Fish and Parks to the drainage of water from the 17,094 acres of the Silver Lake basin extends only to such waters as may be captured by it without damage to the property of others. Such right and this permit do not include any right or legal basis by which Game, Fish and Parks may inhibit the drainage of water away from the lake by use of a natural watercourse or an established watercourse

(whether legally established now or legally established in the future) by another landowner in the case such waters harm the land of another landowner or prevent the use of the land by that landowner.

10. The Water Management Board has previously set the high water mark of Silver Lake at 1435.7 feet msl and has set the outlet elevation for Silver Lake at 1435.3 feet msl. The Department of Game, Fish and Parks has a historic claim to the use of water to the outlet elevation.

11. Neither the request for recognition of this vested right nor this decision encompasses any right to build additional canals or structures.

FINAL DECISION

The vested water right of the Department of Game, Fish and Parks to surface water from the Silver Lake basin for water to fill the lake to outlet elevation 1435.3 is herewith recognized. The priority date of such right is set as January 1, 1917. The exercise of this right may be only in accordance with the Conclusions of Law set out above, and in particular Conclusion of Law 9.

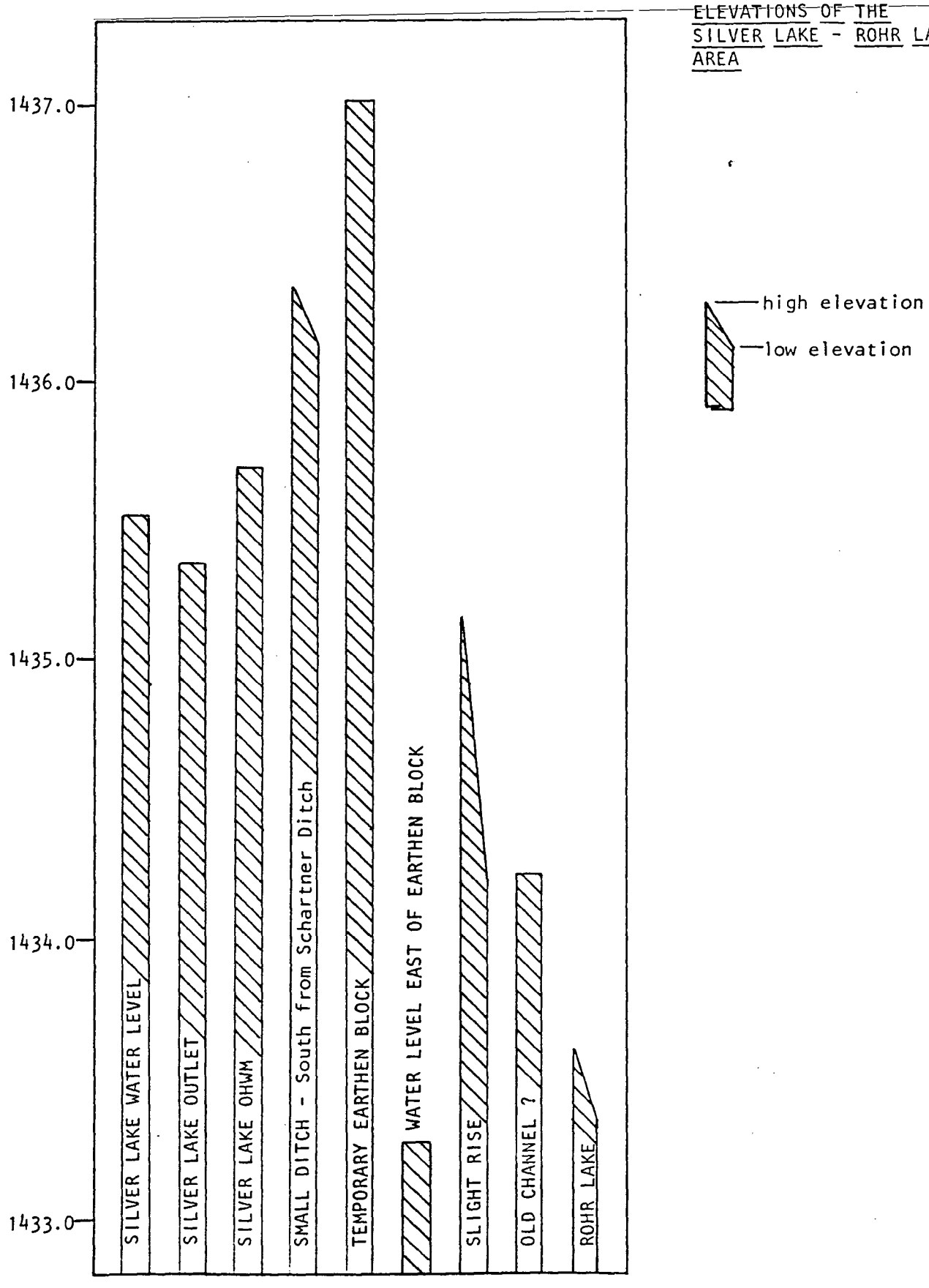
BY THE BOARD:

Marian D. Henderson

CONSTRUCTION SUMMARY
concerning
Silver Lake, Hutchinson and Turner Counties
October 31, 1989

Date	Construction Project	Invert Elevation (fmsl)	Comments
1880	Natural outlet	unknown	Original outlet elevation is not known
1917	Earthen Outlet	1436.5	Outlet for Silver Lake
1917	Shartner Ditch	1436.1	
1947	Concrete outlet	1435.3	Existing outlet structure
1947	Topographic high point in Rohr Lake, north and east of Shartner Ditch	1433.5 - 1434.0	Elevations are estimated from survey notes dated 5/55
1958	Improvements to Schartner Ditch	1432.3	East end of ditch, at Rohr Lake
1983	Earthen Plug constructed in Schartner Ditch	1436.9	Renders Schartner Ditch useless, prevents any diversion of water through Schartner Ditch
Oct. 16, 1985		1435.7	Silver Lake Ordinary High Water Mark established
Oct. 16, 1985		1435.3	Silver Lake Outlet elevation established
1986 - 1989?	Excavation of topographic high point in Rohr Lake, north and east of Shartner Ditch	1431.9	Exact date of excavation unknown. earth removed by Ted and Murray Waltner

ELEVATIONS OF THE SILVER LAKE - ROHR LAKE AREA



RECOMMENDATION OF CHIEF ENGINEER FOR VALIDATION OF VESTED WATER RIGHT CLAIM NO. 5073-3, Department of Game, Fish and Parks

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Validation of Vested Water Right Claim No. 5073-3, Department of Game, Fish and Parks, 445 E Capitol, Pierre SD.

The Chief Engineer is recommending VALIDATION of Vested Water Right Claim No. 5073-3 for sufficient water to fill Silver Lake annually to the outlet elevation of 1435.3 ft. msl. because 1) water has been appropriated as described for wildlife and public recreation use with a priority date of January 1, 1917, 2) the use has been developed without unlawful impairment of existing rights, 3) the use is a beneficial use and 4) it is in the public interest.

See the attached report for additional information.

JOHN HATCH, Chief Engineer
November 13, 1989

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

November 3, 1989

NOTICE

TO: Richard Beringson, Secretary
Department of Game, Fish and Parks
Anderson Building
446 E Capitol
Pierre SD 57501

Ted and Murray Waltner
RR 1, Box 159
Dolton SD 57023

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Validation of Vested Right Claim No. 5073-3, South Dakota Department of Game, Fish and Parks

The Water Management Board will consider Validation of Vested Right Claim No. 5073-3 at 2:00 pm, December 6, 1989 in Room 216, Joe Foss Building, 523 E Capitol, Pierre SD. The agenda time is an estimate. The actual time of hearing may be later than 2:00 pm due to prior agenda items.

This hearing is being held because Ted and Murray Waltner oppose validation of Vested Right Claim No. 5073-3. The hearing is an adversary proceeding. Any person having filed a petition and the Vested Right Claim holder have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

The applicable provisions of the Notice of Intent to Validate Vested Water Right Claims published in The New Era, Parker SD on June 23 and 30, 1988 will still apply at this hearing.

cc: John Haak, Assistant Attorney General
Ron Koth, Department of Game, Fish and Parks

CERTIFICATION

I hereby certify that on November 3, 1989 I have personally deposited with the U.S. Mail postage prepaid envelopes containing a Notice of Validation of Vested Right Claim No. 5073-3 addressed as stated on the notice.

Karen Schlaak
KAREN SCHLAAK
Senior Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 6th day of November, 1989.

John Hatch
Notary Public

JOHN HATCH
SEAL NOTARY PUBLIC SEAL
SOUTH DAKOTA
My Commission Expires Apr. 1, 1993

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

November 15, 1989

NOTICE

TO: Richard Beringson, Secretary
SD Department of Game, Fish & Parks
445 E Capitol
Pierre SD 57501

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Consider Validation of Recognized Vested Water Right Claim No. 5073-3, SD Department of Game, Fish & Parks

On June 8 & 15, and on June 23 & 30, 1988, a notice of intent to validate vested water right claims was published in the Freeman Courier and the Parker New Era, respectively. A petition dated September 26, 1989, was received from Murray and Ted Waltner opposing validation of Vested Water Right Claim No. 5073-3. The Water Management Board will now consider validation of Vested Water Right Claim No. 5073-3 at a hearing to be held at 2:00 pm on December 6, 1989, Room 216, Joe Foss Building, 523 E Capitol, Pierre SD. The agenda time is an estimate. The actual time of hearing may be later than 2:00 pm due to prior agenda items. Applicable provisions of the notice of intent published on the above dates will still apply at this hearing.

Enclosed is the Chief Engineer's recommendation and a report on Claim No. 5073-3. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve validation, 2) approve the validation with qualifications, 3) defer or 4) deny validation of Claim No. 5073-3 based on the facts presented at the public hearing.

This hearing is an adversary proceeding. Any person filing a petition and/or the Department of Game, Fish & Parks have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

cc: Ron Koth, Dept. of Game, Fish & Parks
John Haak, Assistant Attorney General
Murray Waltner
Ted Waltner

CERTIFICATION

I hereby certify that on November 16, 1989 I personally deposited with the U.S. Mail a postage prepaid envelope containing a Notice of Reconsideration of Valdiation of Recognized Vested Water Right Application No. 5073-3 addressed as stated on the notice and copies sent to:

Murray Waltner, Rt 1, Box 159, Marion SD 57043
Ted Waltner, Rt 1, Box 66A, Dolton SD 57023

Karen Schlaak
KAREN SCHLAAK
Senior Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 20th day of November, 1989.

John Hatch
Notary Public

JOHN HATCH
SEAL NOTARY PUBLIC SOUTH DAKOTA SEAL
My Commission Expires Apr. 1, 1993

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

December 8, 1989

NOTICE

TO: Richard Beringson, Secretary
SD Department of Game, Fish & Parks
445 E Capitol
Pierre SD 57501

FROM: for John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Deferral of Validation of Recognized Vested Water Right Claim No. 5073-3, SD Department of Game, Fish & Parks

On December 6, 1989, the Water Management Board continued the hearing to consider validation of Vested Water Right Claim No. 5073-3. The Board will now consider validation of Claim No. 5073-3 at a hearing to be held at 10:00 am on January 4, 1990, meeting room G, Holiday Inn, WI-90 exit, Mitchell SD. Applicable provisions of the Notice of Intent to validate vested water right claims published in the Freeman Courier and the Parker New Era on June 8 & 15, and on June 23 & 30, 1988, respectively, and provisions in the Notice dated November 15, 1989, will still apply at this hearing.

This hearing is an adversary proceeding. Any person who has filed a petition and/or the Department of Game, Fish & Parks have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

cc: Ron Koth, Dept. of Game, Fish & Parks
John Haak, Assistant Attorney General
Murray Waltner
Ted Waltner

CERTIFICATION

I hereby certify that on December 8, 1989 I have personally deposited with the U.S. Mail postage prepaid envelopes containing a Notice of Deferral of Validation of Recognized Vested Water Right Claim No. 5073-3 addressed as follows:

Richard Beringson, Secretary, Department of Game, Fish and Parks, Anderson Building, Pierre SD
Ron Koth, Department of Game, Fish and Parks, Anderson Building, Pierre SD
Murray Waltner, Rt 1, Box 159, Marion SD 57043
Ted Waltner, Rt 1, Box 66A, Marion SD 57043

Karen Schlaak
KAREN SCHLAAK
Senior Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 11th day of December, 1989.

John Hatch
Notary Public

JOHN HATCH
NOTARY PUBLIC
SOUTH DAKOTA
SEAL SEAL
My Commission Expires Apr. 1, 1993

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

December 15, 1989

Murray Waltner
RR 1, Box 159
Marion SD 57043

Dear Mr. Waltner:

Enclosed are the copies which you requested pertaining to Silver Lake.

Sincerely,

David S. Brown

David S. Brown
Natural Resources Engineer
Water Rights Division
605 773-3352

enclosures

cc: Ted Waltner

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 8, 1990

NOTICE

TO: Richard Beringson, Secretary
Department of Game, Fish and Parks
Anderson Building
446 E Capitol
Pierre SD 57501

Ted and Murray Waltner
RR 1, Box 159
Dolton SD 57023

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Preparation of Findings of Fact, Conclusions of Law and Final Decision

The Water Management Board has directed John Guhin, the Board's attorney to prepare proposed Findings of Fact, Conclusions of Law and a Final Decision on validation of Vested Right Clain No. 5073-3. The Board will consider the proposed Findings, Conclusions and Final Decision at 1:00 pm, March 7, 1990, Howard Johnson, Roosevelt-Jefferson Room, Rapid City SD. The agenda time is an estimate. The actual time of consideration may be delayed due to prior agenda items.

The Board has requested that a copy of the proposed Findings, Conclusions and Final Decision be mailed to each Board member and all Parties of Record (listed above) by February 15, 1990. Any comments pertaining to the proposed Findings, Conclusions and Decision are to be mailed to each Board member, the Board attorney and all Parties of Record by February 26, 1990.

The public hearing was completed January 4, 1990. No additional testimony will be received on March 7, 1990.

cc: John Guhin, Assistant Attorney General

CERTIFICATION

I hereby certify that on January 8, 1990 I have personally deposited with the U.S. Mail a postage prepaid envelope containing a Notice to prepare Findings of Fact, Conclusions of Law and a Final Decision for Vested Right Claim No. 5073-3 addressed as stated on the notice.

Karen Schlaak

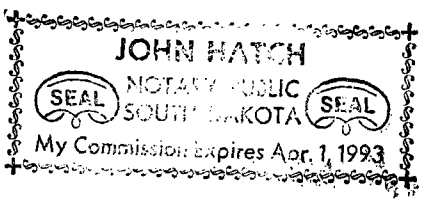
KAREN SCHLAAK
Senior Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 9th day of January, 1990.

John Hatch

Notary Public



ATTORNEYS AT LAW

BRADY, READE AND JOHNSON

200 WEST THIRD
P.O. BOX 735
YANKTON, SOUTH DAKOTA 57078-0735

FRANK J. BRADY
GERALD L. READE
STEVEN M. JOHNSON
MICHAEL E. RIDGWAY
CELIA MINER

MICHAEL F. MARLOW
TIMOTHY L. JAMES

TELEPHONE
(605) 665-7468
FAX (605) 665-4788

March 5, 1990

Ms. Marian Gunderson, Chairman
South Dakota Water
Management Board
811 West Third
Yankton, SD 57078

Re: In the Matter of the Validation of the Vested Right Claim #5073-3 for Silver Lake; South Dakota Game, Fish and Parks

Dear Ms. Gunderson:

Please find enclosed a Stipulation and Order executed by George Vandel, Assistant Director of the South Dakota Game, Fish & Parks, and me. Please sign where indicated and return the document to me and I will forward it on to John Haak and John Guhin for filing.

Thank you for your cooperation in this matter.

Sincerely,

MICHAEL F. MARLOW
For the Firm

MFM/ckb
Enclosure
cc: Mr. George Vandel
Mr. John Haak
Mr. John Guhin
Mr. John Hatch

MAR 1990
DIVISION OF
WATER RIGHTS
Pierre, SD

STATE OF SOUTH DAKOTA

BEFORE THE WATER MANAGEMENT BOARD

IN THE MATTER OF THE VALIDATION OF VESTED RIGHT CLAIM NO. 5073-3, FOR SILVER LAKE; SOUTH DATOTA GAME, FISH AND PARKS	)))))	STIPULATION AND ORDER

It is hereby stipulated by the undersigned that the hearing on the above-referenced matter shall be postponed from March 7, 1990, until May 9, 1990, and that objections to the Findings of Fact, Conclusions of Law, and Final Decision and proposed Findings of Fact, Conclusions of Law, and Final Decision of any objecting parties shall be due on April 27, 1990.

Dated this 27th day of February, 1990.

BRADY, READE & JOHNSON

BY _____ FOR
Steven M. Johnson
Attorneys for the Murray and Ted Waltner
P.O. Box 735
Yankton, SD 57078
(605) 665-7468

Dated this 2nd day of March, 1990.

BY _____
George Vandel, Asst. Director
South Dakota Department of Game, Fish and Parks

ORDER

It is hereby ordered that the Matter of the Validation of the Vested Right Claim No. 5073-3, for Silver Lake, filed by the South Dakota Game, Fish and Parks shall be postponed from March 7, 1990, until May 9, 1990, and that objections to the Findings of Fact, Conclusions of Law, and Final Decision and the proposed Findings of Fact, Conclusions of Law, and Final Decision of any objecting parties shall be due no later than April 27, 1990.

Dated this _____ day of _____, 1990.

BY_____
Marian Gunderson, Chairman
South Dakota Water Management
Board

South Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

March 13, 1990

NOTICE

TO: Richard Beringson, Secretary
Department of Game, Fish & Parks
445 E Capitol
Pierre SD 57501

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Deferral of Consideration of Findings of Fact, Conclusions of Law and Final Decision

On March 7, 1990, the Water Management Board deferred consideration of the proposed findings of fact, conclusions of law and final decision regarding validation of Vested Water Right Claim No. 5073-3. The Board will consider the proposed Findings, Conclusions and Final Decision at 1:00 pm on May 23, 1990, Pelican Room, Ramkota Inn, Eighway 212 West Watertown SD. The agenda time is an estimate. The actual time of consideration may be delayed due to prior agenda items.

John Guhin, the Board's attorney has prepared proposed Findings of Fact, Conclusions of Law and a Final Decision and has sent the proposed findings to all parties of record. The Board has requested that a copy of any other proposed Findings, Conclusions and Final Decision be mailed to each Board member and all Parties of Record and their attorneys (copy enclosed) by May 3, 1990. Any comments pertaining to the proposed Findings, Conclusions and Decision are to be mailed to each Board member, the Board attorney and all Parties of Record and their attorneys by May 11, 1990.

The public hearing was completed January 4, 1990. No additional testimony will be received on May 23, 1990.

cc: Ted & Murray Waltner
Michael F. Marlow, Attorney
John Guhin, Assistant Attorney General

CERTIFICATION

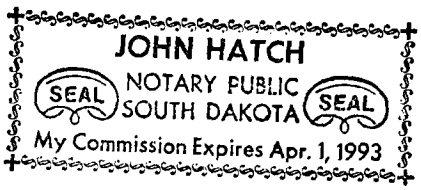
I hereby certify that on March 13, 1990 I have personally deposited with the U.S. Mail postage prepaid envelopes containing a Notice on preparation of Findings, Conclusions and Final Decision on Vested Right Claim No. 5073-3 addressed as follows:

Richard Beringson, Secretary, Dept of Game, Fish and Parks,
445 E Capitol, Pierre SD 57501
Ted & Murray Waltner, RR 1, Box 159, Dolton SD 57023
Michael F. Marlow, Attorney, PO Box 735, Yankton SD 57078-0735

Karen Schlaak
KAREN SCHLAAK
Senior Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 14th day of March, 1990.



John Hatch
Notary Public

STATE OF SOUTH DAKOTA

OFFICE OF ATTORNEY GENERAL

STATE CAPITOL
Pierre, South Dakota 57501-5090
Phone (605) 773-3215

ROGER A. TELLINGHUISEN
ATTORNEY GENERAL

April 23, 1990

Michael F. Marlow
Brady, Reade & Johnson
200 West Third
P.O. Box 735
Yankton, SD 57078-0735

Re: **In the Matter of the Validation of the Vested Right Claim #5073-3 for Silver Lake; South Dakota Game, Fish and Parks**

Dear Mike:

I have reviewed the proposed Findings of Fact, Conclusions of Law, and Final Decision which you sent to me. I have discussed your proposals with my client, the Division of Water Rights, as well as the attorney for the Department of Game, Fish and Parks. The Division of Water Rights is in agreement with Game, Fish and Parks' position. You are free, however, pursuant to the February 27, 1990, Stipulation, to submit your proposed Findings and argue them to the Board at its May meeting.

By carbon copy of this letter, I am requesting that the Division of Water Rights send you a copy of the May agenda for the Water Management Board meeting, so that you may schedule your calendar appropriately.

Sincerely,

John E. Haak
Assistant Attorney General

JEH/jap
cc: John Hatch
David Brown
Gary Richter

STATE OF SOUTH DAKOTA

BEFORE THE WATER MANAGEMENT BOARD

IN THE MATTER OF THE VALIDATION OF VESTED RIGHT CLAIM NO. 5073-3, FOR SILVER LAKE; SOUTH DATOTA GAME, FISH AND PARKS	)))))	MOTION TO PRESENT FURTHER EVIDENCE

Ted and Murray Waltner, having filed a Petition Opposing the Validation of the Vested Water Right No. 5073-3 for Silver Lake, by and through their attorneys of record, Steven M. Johnson and Michael F. Marlow, of Yankton, South Dakota, hereby move the Water Management Board to reopen the hearing phase of this proceeding to allow Petitioners and their counsel to present additional information necessary for the Board's consideration of the above-entitled matter. It has only recently come to the attention of the Petitioners that the drainage ditch maintained by Petitioners and others through the former Rohr Lake may be adversely impacted by the granting of the vested water rights herein at issue. As the Board is aware, Petitioners have, prior to this time, appeared pro se, but now wish to exercise the right to retain counsel. Petitioners have retained a professional engineering firm to conduct an investigation of the site and render expert opinions regarding critical issues in this proceeding.

Petitioners request to present further evidence at the Water Management Board meeting scheduled for July, 1990. Furthermore, Petitioners request that the July, 1990, meeting be held in Freeman, South Dakota, so the members of the Board

can conduct an on-site investigation.

Dated this 2d day of May, 1990.

BRADY, READE & JOHNSON

BY _____
Steven M. Johnson
Michael F. Marlow
Attorneys for the Petitioners
Ted and Murray Waltner
P.O. Box 735
Yankton, SD 57078
(605) 665-7468

STATE OF SOUTH DAKOTA

BEFORE THE WATER MANAGEMENT BOARD

IN THE MATTER OF THE VALIDATION OF VESTED RIGHT CLAIM NO. 5073-3, FOR SILVER LAKE; SOUTH DATOTA GAME, FISH AND PARKS	)))))	PETITIONER'S PROPOSED FINDINGS OF FACT, CONCLUSIONS OF LAW AND FINAL DECISION

FINDINGS OF FACT

I.

This is an action to validate the vested right claim of the South Dakota Game, Fish and Parks to fill Silver Lake to an outlet elevation of 1435.34 feet mean sea level. Game, Fish and Parks claims a priority date of 1917.

II.

On August 22, 1985, Game, Fish and Parks filed an Application for Permit to Appropriate Water within the State of South Dakota. Said Application states: 1.) The source of water supply is "surface runoff from Silver Lake basin (see map)"; 2.) The location of point of diversion is "SE¼, NE¼, Section 25, Township 100 North, Range 55 West"; and 3.) The amount of water claimed is "water to fill to outlet elevation of 1435.34 feet msl."

III.

The Board in May of 1986 adopted Findings of Fact, Conclusions of Law and Final Decision in a case entitled "In the Matter of the Vested right Claim No. 5073-3 for Silver Lake." This decision is not res judicata because the Legislature provided for a de novo hearing in the context of the facts of this case.

IV.

Game, Fish and Parks has maintained Silver Lake since 1917. In that year, the Department constructed a dike on the northeast side of Silver Lake to increase its level. In 1947, Game, Fish and Parks constructed a concrete spillway in the dike and, as a result, the outlet elevation of Silver Lake was changed from 1436.5 feet mean sea level in 1917 to 1435.3 feet mean sea level in 1947.

V.

Game, Fish and Parks claims approximately 17,094 acres identified in a document entitled "Ordinary High Water Mark Investigation, Silver Lake, September 1985" at Figure 3, constitute the Silver Lake drainage basin. This investigation claims that the entire drainage basin has, since 1917, added water to Silver Lake. However, much of the water from this basin travels through the former Rohr Lake and does not enter Silver Lake.

VI.

Certain landowners in the area in 1915 formed a drainage district for the purpose of draining water from their land.

VII.

Despite the formation of the drainage district, landowners in the area have been subjected to flooding during wet years.

VIII.

Local residents are able because of the existence of a drainage ditch to drain significant amounts of water from their property. In some wet years, however, these owners may still sustain damage to their property or be unable to use their property. If the residents are able to so drain their property through this ditch as it exists today, such damage would be avoided to a significant degree.

IX.

Competent evidence submitted by landowners in the area indicates that any time waters from the former Rohr Lake reach spillway height, Silver Lake is already full and that at no time since 1917 has water flowed from the former Rohr Lake to Silver Lake. To the contrary, water has been routinely observed flowing from Silver Lake through the former Rohr Lake by way of the drainage ditch maintained by area land owners.

X.

The "Ordinary High Water Mark Investigation, Silver Lake 1985," relied upon by Game, Fish and Parks to prove that water flows from the former Rohr Lake into Silver Lake during certain periods, is inaccurate since it concludes that only 1791 acres drain directly into Silver Lake. This calculation apparently does not take into account areas drained by the Becker Ditch or other drainage areas north and west of Silver Lake. The report is also flawed since it claims waters from

the former Rohr Lake add water to Silver Lake at a ten percent (10%) occurrence rate; however, this projection is not supported by any facts in the record and is contrary to competent evidence submitted by local landowners.

XI.

The outlet elevation of 1435.3 feet mean sea level as claimed by Game, Fish and Parks does not coincide with the claimed 1917 priority date since the outlet elevation from 1917 until 1947 was 1.2 feet higher than the current elevation of 1435.3 feet mean sea level.

XII.

This application is for an appropriation of water in excess of 10,000 acre feet annually.

XIII.

The notification required by SDCL 46-2A-16 published in the Freeman Courier on June 8, 1988 listed the source of the water as "Silver Lake" and that the claimed diversion points were located in Sections Twenty-five (25) and Twenty-Six (26) of Township One Hundred North (100N), Range Fifty-Six West (56W), and Section Thirty (30), Township One Hundred North (100N), Range Fifty-five West (55W). In actuality, the source of the water is the extensive drainage area around Silver Lake. Furthermore, the Report on Validation issued by Ron Brown and the Application filed on August 22, 1985 list the diversion point as only the South East Quarter (SE¼), North East Quarter (NE¼), Section Twenty-five (25), Township

One Hundred North (100N), Range Fifty-five (55).

XIV.

In 1958, Game, Fish and Parks constructed an illegal earthen block which altered the flow of water in the drainage area. This earthen block caused water to back up and flood nearby private land.

CONCLUSIONS OF LAW

I.

This Board lacks jurisdiction in this matter since the requirements of SDCL 46-5-20.1 have not been satisfied and this appropriation involves in excess of 10,000 acre feet annually.

II.

Game, Fish and Parks has not proven its vested right with a priority of 1917 since the spillway was constructed in 1947 and, as a result, the outlet elevation dropped 1.2 feet.

III.

Game, Fish and Parks has failed to provide evidence showing that water from the entire drainage area of 17,091 acres has contributed water to Silver Lake from 1917 to the present.

IV.

The "Ordinary High Water Mark Investigation, Silver Lake 1985" provides the basis for the claim of Game, Fish and Parks to the waters that allegedly flow from the former Rohr Lake into Silver Lake; however, that investigation is fatally

flawed and is not competent evidence.

V.

The portion of the Silver Lake drainage basin proven to have contributed water to Silver Lake since 1917 is less than 17,094 acres and does not include any areas that drain through the former Rohr Lake without first entering Silver Lake.

VI.

The holder of a valid appropriative water right has the authority to divert water only in a reasonable manner. In the case in which a supply of water is from runoff from a large area, the method of diversion which is reasonable is one which, among other things, does not cause damage to the property of other landowners.

VII.

Game, Fish and Parks, in 1958, did not divert water in a reasonable manner when it constructed an illegal earthen block which altered the flow of water in this drainage area. As a result, this vesterd right was not developed without unlawful impairment of existing rights.

VIII.

Game, Fish and Parks constructed the 1917 earthen dike and other ditches prior to making this Application to the Water Management Board which is a violation of SDCL 46-5-9 and SDCL 46-5-10.

IX.

The Application filed on August 22, 1985 is statutorily deficient since it does not list the actual amount of water claimed.

X.

The Application filed on August 22, 1985 lists the diversion point as "SE¼, NE¼, Section 25, Township 100 North, Range 55 West" which does not coincide with the required notice and publication that appeared in the June 8, 1988 Feeeman Courier. As a result, the notification was statutorily deficient.

XI.

The Application filed on August 22, 1985 lists the source of water as "surface runoff from Silver Lake basin (see map)" which does not coincide with the required notice and publication that appeared in the June 8, 1988 Freeman Courier. As a result, the notification was statutorily deficient.

FINAL DECISION

The application for validation of vested right No. 5073-3 for Silver Lake is denied.

Dated this _____ day of May, 1990.

BY THE BOARD:

_____

ATTORNEYS AT LAW

BRADY, READE AND JOHNSON

200 WEST THIRD
P.O. BOX 735
YANKTON, SOUTH DAKOTA 57078-0735

FRANK J. BRADY
GERALD L. READE
STEVEN M. JOHNSON
MICHAEL E. RIDGWAY
CELIA MINER

MICHAEL F. MARLOW
TIMOTHY L. JAMES

TELEPHONE
(605) 665-7468
FAX (605) 665-4788

May 24, 1990

Ms. Marian Gunderson, Chairman
South Dakota Water
Management Board
811 West Third
Yankton, SD 57078

Mr. Joel Rickenbach
Box 97
Oelrichs, SD 57763

Ms. Bernita Loucks
219 42nd Street
Rapid City, SD 57702

Mr. Rodney Freeman, Jr.
P.O. Box 176
Huron, SD 57350

Mr. Dwayne A. Rollag
320 Lincoln Lane South
Brookings, SD 57006

Mr. Richard L. Lloyd
HCR 69, Box 41
Chamberlain, SD 57325

Mr. Francis E. Brink
1214 South Well Street
Aberdeen, SD 57401

Re: In the Matter of the Validation of the Vested Right Claim #5073-3 for Silver Lake; South Dakota Game, Fish and Parks

Dear Chairman Gunderson and Members of the Board:

Now that the Board has agreed to extend the hearing on the above-referenced matter until the July meeting, I would like to request that the meeting be held in Yankton, South Dakota. While I believe the interests of fairness were served by continuing the hearing so Mr. Richter and Mr. Koth could be in attendance, I believe it would be grossly unfair

for my clients to bear the costs involved in traveling to Pierre to attend the July hearing.

My clients were willing and able to conclude the hearing while the parties were present in Watertown and as a result, they should not have to pay further expenses because the schedule of other parties forced a postponement. I look forward to your reply.

Sincerely,

MICHAEL F. MARLOW
For the Firm

MFM/ckb
cc: Ted and Murray Waltner
Tommy Thomas
Merlin Hofer
Vernon Hofer
Robert Hofer
Danny Koehn
John Haak
John Guhin
Ron Koth
Richard Beringson
Gary L. Richter
John Hatch

South Dakota
Department of Game, Fish and Parks

Division of Administration
Sigurd Anderson Building
445 East Capitol
Pierre, South Dakota 57501

May 29, 1990

Ms. Marian Gunderson, Chm.
811 West Third
Yankton, SD 57078

Ms. Bernita Loucks
219 42nd Street
Rapid City, SD 57702

Mr. Dwayne A. Rollag
320 Lincoln Lane South
Brookings, SD 57006

Mr. Francis E. Brink
1214 South Well Street
Aberdeen, SD 57401

Mr. Joel Rickenbach
Box 97
Oelrichs, SD 57763

Mr. Rodney Freeman, Jr.
P.O. Box 176
Huron, SD 57350

Mr. Richard L. Lloyd
HCR 69, Box 41
Chamberlain, SD 57325

In the Matter of the Validation of GFP Vested Right Claim #5073-3; Silver Lake.

Chm. Gunderson and Members of the Water Management Board:

This letter is in response to the May 24 request of Michael F. Marlow, attorney for the Waltners. I believe all of us understood that the July 1990 meeting will not be an evidentiary hearing; witnesses need not appear. I had the impression that the July meeting was not a forced postponement, but a continuation of the oral argument being made to the Board in its consideration of final adoption of Findings Of Fact, Conclusions Of Law and Decision in the above entitled matter.

When the long day ended on May 23, 1990, Mr. Marlow had just concluded his remarks on his objection to the Board's proposed Findings Of Fact, Conclusions of Law and Decision and his proposals. Due to the late hour the Board informed the parties of a continuance of the hearing for the following morning at which time GFP would have the opportunity to present its argument for adoption of the Board's proposals and response to Mr. Marlow's clients' concerns and contentions.

GFP does not wish to pursue any argument of whether GFP forced a postponement, who accomodated whom at the hearing or the alleged gross unfairness of where to conduct the hearing. As I recall neither GFP nor the attorney for the Waltners objected (rather both supported) to the July meeting being held in Pierre at the time of its announcement by the Chairman of the Water Management Board.

It is the position of the Department of Game, Fish and Parks that the time and place of the continued hearing is at the discretion of the Water Management Board. Please keep GFP informed as to the time and place of the July meeting so that appropriate provisions can be made regarding department staff.

This response by the Department of Game, Fish and Parks is not to be considered consent to Waltner's request nor a waiver of any rights it may have in regards to notice of time and place of hearing.

Sincerely,

Gary L. Richter
GFP Attorney

cc: Michael F. Marlow
John Haak
John Guhin
Ron Koth
Richard Beringson
John Hatch

STATE OF SOUTH DAKOTA

OFFICE OF ATTORNEY GENERAL
STATE CAPITOL
Pierre, South Dakota 57501-5090
Phone (605) 773-3215

ROGER A. TELLINGHUISEN
ATTORNEY GENERAL

June 6, 1990

Marian Gunderson, Chairman
South Dakota Water
Management Board
811 West Third
Yankton, SD 57078

Mr. Joel Rickenbach
Box 97
Oelrichs, SD 57763

Ms. Bernita Loucks
219 42nd Street
Rapid City, SD 57702

Mr. Rodney Freeman, Jr.
P.O. Box 176
Huron, SD 57350

Mr. Dwayne A. Rollag
320 Lincoln Lane South
Brookings, SD 57006

Mr. Richard L. Lloyd
HCR 69, Box 41
Chamberlain, SD 57325

Mr. Francis E. Brink
1214 South Well Street
Aberdeen, SD 57401

Re: **In the Matter of the Validation of GFP Vested Right Claim #5073-3; Silver Lake**

Dear Chairman Gunderson and Members of the Board:

I am in receipt of Mr. Marlow's May 24, 1990, letter and and Mr. Richter's May 29, 1990, letter in response thereto. I apologize that my letter is not more timely but I was not in the office last week. I do, however, fully concur with Mr. Richter's position that the time and place of the continued hearing is in the sound discretion of the Water Management Board.

I would also note that Mr. Marlow was sent a copy of the agenda prior to the May meeting so he should have known that the location for the July meeting was going to be chosen on the morning of May 23. If he wanted the location to be set in Yankton, he could have been present at the time that the meeting location was set; or at the very least, made his request to the board when it was considering continuing the Silver Lake hearing.

Nonetheless, the decision rests with the board. If the location is changed, I would request that the Division of Water Rights be notified as soon as possible so appropriate arrangements can be made.

Thank you.

Sincerely,

John E. Haak
Assistant Attorney General

JEH:bn
cc: Michael F. Marlow
Gary L. Richter
John Guhin
Ron Koth
Richard Beringson
John Hatch

SOUTH Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

June 28, 1990

NOTICE

TO: Richard Beringson, Secretary
Department of Game, Fish & Parks
445 E Capitol
Pierre, SD 57501

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Consideration of Findings of Fact, Conclusions of Law and Final Decision on Validation of Recognized Vested Water Right Claim No. 5073-3

The Water Management Board will consider the Findings of Fact, Conclusions of Law and Final Decision on Validation of Recognized Vested Water Right Claim No. 5073-3 at 8:45 am, July 25, 1990 in Room 216, Joe Foss Building, 523 E Capitol, Pierre, SD. Consideration of final adoption of Findings of Fact, Conclusions of Law and Decision was continued from May 23, 1990 to allow for continuation of the oral argument being made to the Board.

The agenda time is an estimate. The actual time of consideration may be delayed due to prior agenda items.

cc: Ted & Murray Waltner
Michael Marlow, Attorney
John Guhin, Assistant Attorney General
John Haak, Assistant Attorney General
Gary Richter, Attorney
Ron Koth, Dept. Game, Fish & Parks

CERTIFICATION

I hereby certify that on June 28, 1990 I have personally deposited with the U.S. Mail postage prepaid envelopes containing a Notice on Consideration of Findings, Conclusions and Final Decision on Vested Right Claim No. 5073-3 addressed as follows:

Richard Beringson, Secretary, Dept of Game, Fish and Parks,
445 E Capitol, Pierre SD 57501
Ted & Murray Waltner, RR 1, Box 159, Dolton SD 57023
Michael F. Marlow, Attorney, PO Box 735, Yankton SD 57078-0735

Interoffice Mail
Richard Beringson, Secretary, Dept of Game, Fish and Parks,
445 E Capitol, Pierre SD 57501
Gary Richter, Attorney, Dept of Game, Fish and Parks
Ron Koth, Dept of Game, Fish and Parks
John Haak, Assistant Attorney General
John Guhin, Assistant Attorney General

Karen Schlaak
KAREN SCHLAAK
Senior Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 29th day of June, 1990.

JOHN HATCH
SEAL NOTARY PUBLIC SEAL
SOUTH DAKOTA
My Commission Expires Apr. 1, 1993

John Hatch
Notary Public

Attorney General
JUL 27 1990

ATTORNEYS AT LAW
BRADY, READE AND JOHNSON
200 WEST THIRD
P.O. BOX 735
YANKTON, SOUTH DAKOTA 57078-0735

FRANK J. BRADY
GERALD L. READE
STEVEN M. JOHNSON
MICHAEL E. RIDGWAY
CELIA MINER

MICHAEL F. MARLOW
TIMOTHY L. JAMES

TELEPHONE
(605) 665-7468
FAX (605) 665-4788

July 26, 1990

Mr. John E. Haak
Assistant Attorney General
State Capital
Pierre, SD 57501

Re: In the Matter of the Validation of the Vested Right Claim #5073-3 for Silver Lake; South Dakota Game, Fish and Parks

Dear John:

Since a new hearing will be conducted on this claim, I wanted to convey my concerns regarding the engineering study that was performed in 1985. Since the conditions have changed dramatically in the past five years, my clients believe that a new study should be performed. We feel this new study would reveal that the Game, Fish & Parks is requesting vested water rights over areas that do not drain into Silver Lake. After a new study is done, perhaps all the parties could get together and simply agree on the extent of the drainage basin.

I certainly appreciate your past cooperation and I look forward to working with you in the future.

Sincerely,

MICHAEL F. MARLOW
For the Firm

MFM/ckb
cc: Ted and Murray Waltner
Tommy Thomas
Merlin Hofer
Vernon Hofer
Robert Hofer
Danny Koehn
Roy Ensz
Albert Koehn
Gary Richter

South Dakota
Department of Game, Fish and Parks

Division of Administration
Sigurd Anderson Building
445 East Capitol
Pierre, South Dakota 57501

November 20, 1990

John Hatch
Water Rights Division
Department of Water and Natural Resources
Foss Building,
Pierre, South Dakota 57501

In re Validation Process of Vested Right #5073-3
(Silver Lake) held by the Department of
Game, Fish and Parks (GFP)

Dear Mr. Hatch:

On or about August 22, 1985 GFP submitted to the Water Rights Division an "Application For Permit To Appropriate Water Within The State Of South Dakota" with attached Affidavit in support thereof and maps. Thereafter, and as a result of recent procedural decisions of the Water Management Board, it has become necessary for certain procedural matters relative to the validation process of vested rights held by GFP to be implemented.

I have talked with your attorney, John Haak, on several occasions during the past several months relative to documents which must be filed by GFP and notice which must be provided by Water Rights Division. As a result of such discussions and my review of the applicable statutes I am enclosing herein for filing with the Water Rights Division the following documents:

SUPPLEMENTAL APPLICATION FOR PERMIT TO APPROPRIATE WATER WITHIN THE STATE OF SOUTH DAKOTA (with attachments)
SUPPLEMENTAL AFFIDAVIT OF WATER USE, SUPPLEMENTAL AFFIDAVIT OF CONSTRUCTION OF WATER USE SYSTEM AND APPLICATION OF WATER TO BENEFICIAL USE (with attachment)

Since this is the validation process of a vested water right claim, I cite you to SDCL 46-2A-16 (Notice requirements). It is my belief that such statute must be complied with by the Water Rights Division and that a new notice of hearing may not be sufficient. In the event that the present opposing party were to agree to a notice of hearing only and that a new publication of the list as specified in SDCL 46-2A-16 was not required, there may be other persons affected that may come in at a later date and object due to the specific notice requirement alleged defects which may have occurred earlier.

Based thereon I do not feel that the notice requirements would allow the Water Management Board to conduct the hearing at its January, 1991 meeting.

Since GFP's claim for vested rights had been accepted for filing prior to July 1, 1986, it is eligible for validation. Thus, it is my opinion that the above cited statute requires the Chief Engineer of Water Rights Division to prepare the required Notice and

a. publish it once a week for two (2) consecutive weeks in a newspaper of general circulation in Turner and Hutchinson Counties,
b. mail it by first class mail to all known water right or water permit holders in Turner and Hutchinson Counties.

Due to the fact that any person who wishes to oppose the validation of such vested right has up to 90 days from the last publication to file its petition of intent to oppose, the hearing certainly cannot be prior to March 1, 1991. In the event that within the 90 days that an opposition is filed, then the Water Management Board must set a time for a contested case hearing pursuant to the South Dakota Rules of Administrative Procedure, give notice to the parties by first class mail and proceed to hear the validation hearing. However, if no petition is filed opposing the validation, the Water Management Board shall issue its Order validating the vested right claim.

If you have any questions, please advise.

Sincerely,

Gary L. Richter
GFP Attorney

Enc. Supplemental Application (with attachments)
Supplemental Affidavit (with attachments)

cc Tim Olson, GFP
Ron Koth, GFP
John Haak, Office of the Attorney General

SUPPLEMENTAL APPLICATION FOR PERMIT TO APPROPRIATE WATER WITHIN THE STATE OF SOUTH DAKOTA

TO: Water Rights Div., Dept. of Water and Natural Resources
Pierre, South Dakota 57501 (605) 773-3352

The South Dakota Department of Game, Fish and Parks on or about August 22, 1985 submitted to the Water Rights Division, an "Application For Permit To Appropriate Water Within The State Of South Dakota" with accompanying Affidavit and maps of the area involved. A copy of such Application is attached hereto as Exhibit "A" and made a part hereof by reference.

Such Application remains unchanged subject, however, to the supplemental information and amendments contained herein as follows:

1. Name of Applicant South Dakota Department of Game, Fish and Parks Phone number 773-3718
   Post Office Address 445 E. Capitol Pierre, S.D. 57501
2. Amount of water claimed Water to fill Silver Lake to outlet elevation of 1,435.34 feet msl
3. Source of water supply Surface runoff from Silver Lake drainage basin (See map attached hereto as Exhibit "B" and made a part hereof by reference)
4. Location of lake Silver Lake is primarily located in Section 25, Township 100 North, Range 56 West of the 5th PM A portion of the lake may also be in Section 36, Township 100 North, Range 56 West of the 5th PM & Section 30, Township 100 North, Range 55 West of the 5th PM. Hutchinson and Turner County, South Dakota.
   Location of outlet Southeast Quarter of the Northeast Quarter (SE1/4NE1/4) of Section 25, Township 100 North, Range 56 West of the 5th PM. Hutchinson County, SD
5. Counties where water will be used Hutchinson and Turner
6. Annual period during which water is to be used January 1 through and including December 31 annually
7. Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. Water will be used in place for wildlife and public recreational purposes.

STATE OF SOUTH DAKOTA
SS
COUNTY OF HUGHES

I, Ron Koth on behalf of the South Dakota Department of Game, Fish and Parks, the applicant, certify that I have read the foregoing and that on information and belief the same are true.

Ron Koth

Ron Koth on behalf of GFP
Subscribed and sworn to before me this 20 day of November, 1990.

Notary Public

(Notary Seal)

SUPPLEMENTAL AFFIDAVIT OF WATER USE
SUPPLEMENTAL AFFIDAVIT OF CONSTRUCTION OF WATER USE SYSTEM
AND APPLICATION OF WATER TO BENEFICIAL USE

The South Dakota Department of Game, Fish and Parks on or about August 22, 1985 submitted to the Water Rights Division, an "Affidavit Of Construction Of Water Use System And Application Of Water To Beneficial Use". Such Affidavit remains unchanged subject, however, to the supplemental information and amendments contained herein as follows:

Name of Applicant South Dakota Dept. of Game, Fish and Parks
Post Office Address 445 E. Capitol, Pierre, South Dakota 57501

A. Notice of Appropriation _____ Date of Posting _____
Date of recording _____ Recording date _____
B. Date of start of construction of water supply system _____
C. Date that water was first applied to beneficial use See G.
D. Name of owner of original water supply system _____
E. Amount of water originally applied to beneficial use Water to fill Silver Lake to outlet elevation
F. Present Use of Water- Amount of water now being used Water is used in place for wildlife and public recreational purposes with an annual fill of Silver Lake to an outlet elevation of 1,435.34 feet msl
G. Chronological History of Water Use Silver Lake is a meandered lake and has been in marshland since the original meander survey. A dike was constructed in 1916 on the Northeast side to increase the lake level. The dike was subsequently removed and a lower elevation spillway was installed. Attached hereto as Exhibit "C" and made a part hereof by reference is a copy of an Affidavit of Curt Pankratz regarding water use. See also Ordinary High Water Mark Investigation prepared by the Department of Water and Natural Resources, Water Rights Division dated September 1985 on file with said Department and Division

STATE OF SOUTH DAKOTA
SS
COUNTY OF HUGHES

I, Ron Koth on behalf of the South Dakota Department of Game, Fish and Parks, the applicant, certify that I have read the foregoing and that on information and belief the same are true.

Ron Koth
Ron Koth on behalf of GFP

Subscribed and sworn to before me this 2nd day of November, 1990.

Notary Public (Notary Seal)

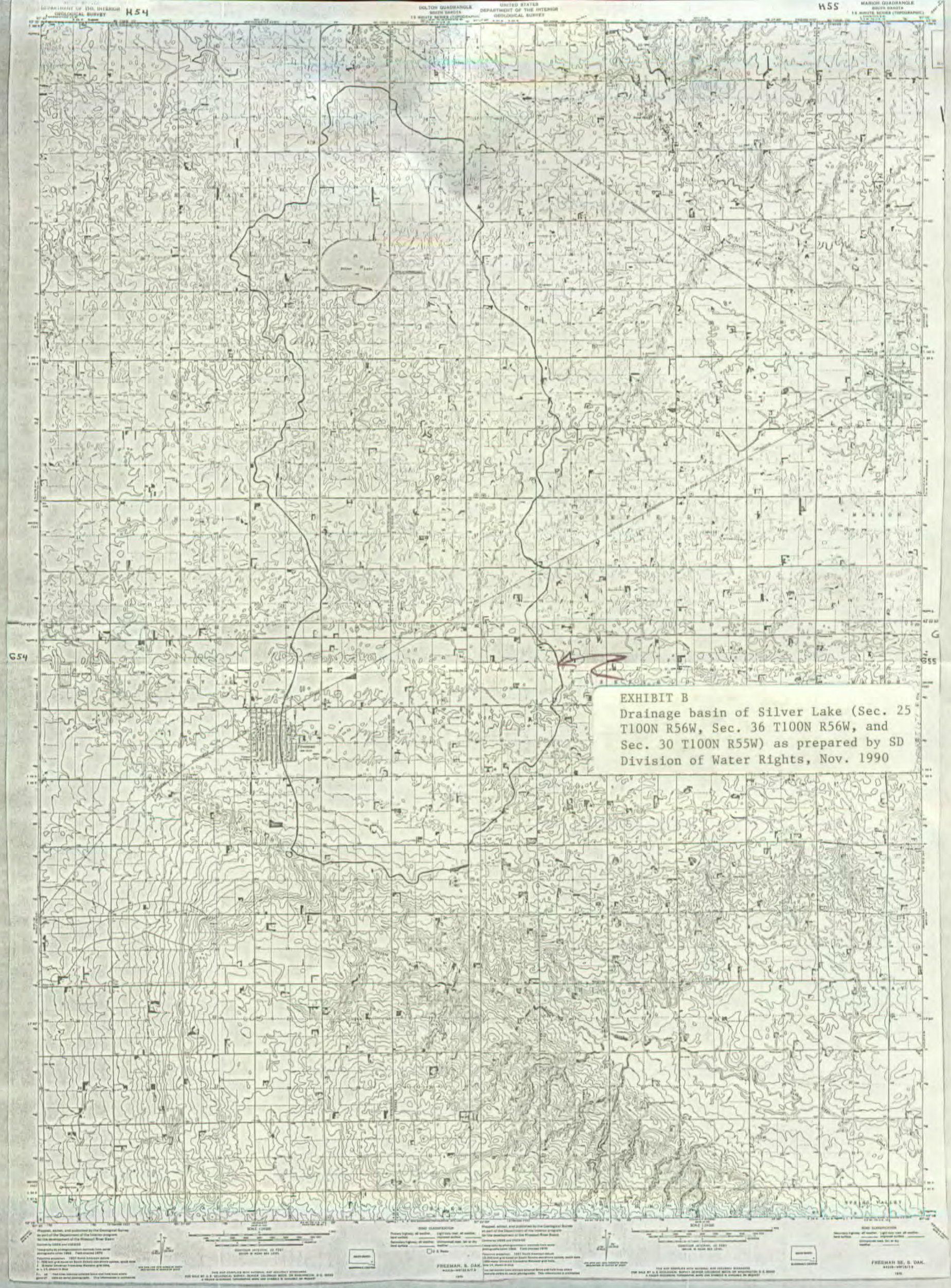
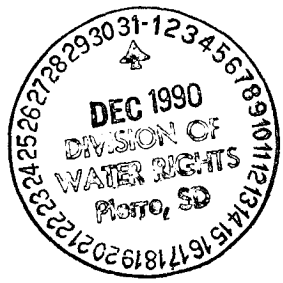


EXHIBIT B
Drainage basin of Silver Lake (Sec. 25 T100N R56W, Sec. 36 T100N R56W, and Sec. 30 T100N R55W) as prepared by SD Division of Water Rights, Nov. 1990

SouthDakota

DEPARTMENT OF GAME, FISH AND PARKS
Foss Building
523 East Capitol
Pierre, South Dakota 57501-3182

GREAT FACES. GREAT PLACES.



Inter-Office

December 28, 1990

John Hatch
Water Rights Division
Department of Water and Natural Resources
Foss Building
Pierre, South Dakota 57501

In re Validation Process of Vested Right #5073-3
(Silver Lake) held by the Department of
Game, Fish and Parks (GFP)

Dear Mr. Hatch:

Subsequent to my last communication with you dated November 20, 1990, it has been suggested to GFP that perhaps the section West and across Highway 81 from Silver Lake may be part of the Lake. I don't have any real evidence at this time to verify such suggestion.

However, to alleviate any possible questions in the future relative any differences between the Application and the published Notice, I am enclosing hereing for filing with your Division an "Amended Supplemental Application For Permit To Appropriate Water Within The State Of South Dakota".

If your have any questions, please advise.

Sincerely,

Gary L. Richter
GFP Attorney

Enc. Amended Supplemental Application

cc Tim Olson, GFP
John Haak, Office of the Attorney General

AMENDED
SUPPLEMENTAL APPLICATION FOR PERMIT TO APPROPRIATE WATER
WITHIN THE STATE OF SOUTH DAKOTA

To: Water Rights Div., Dept. of Water and Natural Resources
Pierre, South Dakota 57501 (605) 773-3352

The South Dakota Department of Game, Fish and Parks submitted to the Water Rights Division on or about August 22, 1985 an "Application for Permit to Appropriate Water Within The State Of South Dakota" and on or about November 20, 1990 a "Supplemental Application For Permit To Appropriate Water Within The State Of South Dakota" with accompanying Affidavits and maps of the area involved. Such Application and Supplement thereto remains unchanged subject, however, to the supplemental information and amendments contained herein as follows:

Paragraph 4. of said Supplemental Application should be amended to provide as follows:

4. Location of lake Silver Lake is primarily located in Section 25, Township 100 North, Range 56 West of the 5th PM A portion of the lake may also be in Section 36, Township 100 North, Range 56 West of the 5th PM & Section 30, Township 100 North, Range 55 West of the 5th PM. It has also been suggested that Silver Lake may also be partially located across (West) Highway 81 in Section 26, Township 100 North, Range 56 West of the 5th PM. Hutchinson and Turner County, South Dakota.

STATE OF SOUTH DAKOTA
SS
COUNTY OF HUGHES

I, Tim Olson, on behalf of the South Dakota Department of Game, Fish and Parks, the applicant, certify that I have read the foregoing and that on information and belief the same are true.

Tim Olson

Tim Olson on behalf of GFP

Subscribed and sworn to before me this 28th day of December, 1990.

(Notary Seal)

Notary Public

Water Rights Division - DWNR

File No. 5073-3

Conversation or File Documentation

NAME OF PERSON OR FILE: Silver Lake

ADDRESS: _____ COUNTY _____

DATE: 1/3/91 TELEPHONE _____

RE: _____

COMMENTS:

Sent ~~copy~~ copies of the notice of intent to validate vested right claim No. 5073-3 for both Hutchinson and Turner County to:

Ted & Murray Wattner
RR 1, Box 159
Dolton, SD 57023

Michael Marlow
P.O. Box 735
Yankton, SD 57078-0735

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Eric Gronlund 1/3/91

4/82

DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 3, 1991

NOTE: TO BE SURE OF PUBLICATION ON THE CORRECT DATES, CONTACT THE NEWSPAPER RIGHT AWAY.

Richard Beringson, Secretary
Dept of Game, Fish & Parks
523 E. Capitol
Pierre SD 57501

Dear Mr. Beringson:

Enclosed are the notices of intent to validate Vested Right Claim Nos. 4944-3 (Swan Lake) and 5073-3 (Silver Lake) to be published in Hutchinson and Turner Counties. A notice of intent to validate has been sent to the Publishers of the New Era and the Courier printed at Parker and Freeman SD. Please review the notices prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspapers to authorize publication of your Notice of Intent to Appropriate Water and to arrange for payment. Early contact with the papers can eliminate delays. The publishers have been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Sincerely,

Eric Gronlund

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

Instruction to Newspaper - Publish first Notice on January 9, 1991 with 2nd publication 7 days later. The applicant is responsible for payment.

Readvertisement of the NOTICE OF INTENT to Validate
Vested Water Right Claim No. 5073-3, Silver Lake

Notice is given that the following vested water right claim is eligible for validation by the Water Management Board pursuant to SDCL 46-2A-17 without a hearing unless a petition to oppose the validation is filed pursuant to SDCL 46-2A-16. This is a readvertisement of the Notice of Intent to Validate Vested Water Right Claim No. 5073-3, Silver Lake, South Dakota Department of Game Fish & Parks which was published June 8 and 15, 1988 in the Freeman Courier. This readvertisement is necessary because of deficiencies in the original notice.

The South Dakota Department of Game, Fish & Parks, Joe Foss Building, 523 E. Capitol, Pierre, SD 57501 filed an application for validation of a vested water right claim for Silver Lake on August 22, 1985. Silver Lake is primarily located in Section 25 T100N-R56W in Hutchinson County and a portion of the lake may also be located in Sections 26 and 36 T100N-R56W in Hutchinson County and Section 30 T100N-R55W in Turner County. A concrete inlet/outlet structure is located in the SE1/4 NE1/4 of Section 25 T100N-R56W. This claim is for sufficient surface water runoff from the Silver Lake drainage basin to fill the lake annually to the inlet/outlet elevation of 1435.34 feet mean sea level with a claimed priority date of January 1, 1917. A map of the Silver Lake drainage basin was included with the application. The water impounded in place in the lake is for wildlife production and recreational uses.

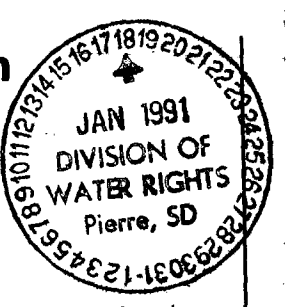
Any person who wishes to oppose validation of this vested right claim shall, prior to April 18, 1991, file a petition of intent to oppose the validation with the Chief Engineer, Water Rights Division, Department of Water and Natural Resources, Joe Foss Building, 523 East Capitol, Pierre, SD 57501 and with the Department of Game, Fish & Parks at the address listed above. The petition may be informal, but is must include a statement describing the petitioner's opposition to the claim, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained.

If a petition of intent to oppose the validation of this vested water right claim is filed, the Chief Engineer will schedule a hearing before the Water Management Board. The parties will be notified of the time and place of the hearing. If no person opposes validation of this vested water right claim pursuant to SDCL 46-2A-16, the Water Management Board will issue an order pursuant to SDCL 46-2A-17, validating the vested water right claim.

This validation is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14; 46-2-3.1, 46-2-9, 46-2-11, 46-2-17; 46-2A-16 thru 46-2A-18; 46-5-1 thru 46-5-6.1, 46-5-8.2, 46-5-13 thru 46-5-15, 46-5-30.2 thru 46-5-37.1, 46-5-46, 46-5-49; 46-7-1 thru 46-7-5.3, 46-7-12, 46-7-14, 46-7-15 and Board Rules ARSD 74:02:01:01 thru 74:02:01:05.03 and 74:02:01:20 thru 74:02:01:22.

Any person wishing to assure access to the hearing by the handicapped (if a hearing is held), further information on the claim, a copy of the application and map of the Silver Lake drainage basin, the vested right claim list for another county or a summary of South Dakota Water Law and Water Rights Information can contact the Chief Engineer, Water Rights Division, Joe Foss Building, 523 East Capitol, Pierre, SD 57501, (605 773-3352).

Affidavit of Publication



STATE OF SOUTH DAKOTA }
COUNTY OF TURNER } ss.

Bruce J. Bormann of the City of Parker, County of Turner, State of South Dakota, being first duly sworn on oath, deposes and says:

The New Era is a weekly legal newspaper of general circulation, printed and published in the City of Parker, in said County of Turner, by The New Era, Bruce J. Bormann or Brenda L. Bormann, publishers, and has been such legal newspaper during the times hereinafter mentioned; that the said newspaper has been in existence as such legal newspaper for more than one year prior to the publication of the notice hereunto attached, and has during all of said time had, and now has, more than 200 bona fide subscribers; that the undersigned, the affiant, is the Publisher of the said newspaper, in charge of the advertising department thereof and has personal knowledge of all the facts stated in this affidavit and the advertisement headed Readvertisement of Notice of Intent to Validate Vested Water Right Claim #s 4944-3 + 5073-3 printed copy of which hereunto attached, was printed and published in the said newspaper for two successive weeks, once each week and on the same day of the week, on the following dates, to-wit:

On Thursday, the 10th day of January, 1991;
On Thursday, the 17th day of January, 1991;
On _____, the _____ day of _____, 19____;
On _____, the _____ day of _____, 19____;
On _____, the _____ day of _____, 19____;
On _____, the _____ day of _____, 19____;
On _____, the _____ day of _____, 19____;

That $ 48.26 being the full amount of the fees for publication of the attached notice insures solely for the benefit of the publishers of the said newspaper; that no arrangement or understanding for a division thereof has been made with any other person and that no part thereof has been agreed to be paid to any other person whomsoever.

Bruce J. Bormann

Subscribed and sworn to before me this 17th day of January, 1991.

Notary Public, Turner County, South Dakota.

My Commission Expires Sept. 20, 1998

READVERTISEMENT OF THE NOTICE OF INTENT TO VALIDATE VESTED WATER RIGHT CLAIM NOS. 4944-3, SWAN LAKE, and 5073-3, SILVER LAKE

Notice is given that the following Vested Water Right Claim Nos. 4944-3, Swan Lake, and 5073-3, Silver Lake, filed by the South Dakota Department of Game, Fish & Parks, Joe Foss Building, 523 E. Capitol, Pierre, SD 57501 are eligible for validation by the Water Management Board pursuant to SDCL 46-2A-17 without a hearing unless a petition to oppose a validation is filed pursuant to SDCL 46-2A-16. This is a readvertisement of the Notice of Intent to Validate Vested Water Right Claim Nos. 4944-3 and 5073-3 which was published June 23 and 30, 1988 in The New Era. This readvertisement is necessary because of deficiencies in the original notice.

Vested Water Right Claim No. 4944-3 was filed for Swan Lake on March 4, 1983. Swan Lake is located in Sections 15 and 16 T97N-R53W in Turner County. The outlet structure is located in the NE1/4 SW1/4 Section 15 T97N-R53W. This claim is for sufficient surface water runoff from the Swan Lake drainage basin and diversion from Turkey Ridge Creek to fill the lake annually to the outlet elevation 1252.4 feet mean sea level with a claimed priority date of November 2, 1889 from natural drainage, January 1, 1914 from the Turkey Ridge Creek diversion in the NE1/4 NW1/4 of Section 15 T97N-R53W and September 30, 1946 for the constructed outlet structure. The water impounded in place in the lake is for recreational uses.

Vested Water Right Claim No. 5073-3 was filed for Silver Lake on August 22, 1985. Silver Lake is primarily located in Section 25 T100N-R56W in Hutchinson County and a portion of the lake may also be located in Sections 26 and 36 T100N-R56W in Hutchinson County and Section 30 T100N-R55W in Turner County. The concrete inlet/outlet structure is located in the SE1/4 NE1/4 of Section 25 T100N-R56W. This claim is for sufficient surface water runoff from the Silver Lake drainage basin to fill the lake annually to the inlet/outlet elevation of 1435.34 feet mean sea level with a claimed priority date of January 1, 1917. A map of the Silver Lake drainage basin was included with the application. The water impounded in place in the lake is for wildlife production and recreational uses.

Any person who wishes to oppose validation of any vested right claim shall, prior to April 18, 1991, file a petition of intent to oppose the validation with the Chief Engineer, Water Rights Division, Department of Water and Natural Resources, Joe Foss Building, 523 East Capitol, Pierre, SD 57501 and with the Department of Game, Fish & Parks at the address listed above. The petition may be informal, but it must include a statement describing the petitioner's opposition to the claim, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained.

If a petition of intent to oppose the validation of a vested water right claim is filed, the Chief Engineer will schedule a hearing before the Water Management Board. The parties will be notified of the time and place of the hearing. If no person opposes validation of a vested water right claim pursuant to SDCL 46-2A-16, the Water Management Board will issue an order pursuant to SDCL 46-2A-17, vali-

AFFIDAVIT OF PUBLICATION

COUNTY OF HUTCHINSON }
STATE OF SOUTH DAKOTA } SS

Tim Waltner, of said county and state, being duly sworn, on his oath, deposes and says: That the Freeman Courier is a weekly newspaper of general circulation and a legal newspaper as required by law, printed and published in the town of Freeman in said county and state by Tim Waltner, and has been such newspaper during the time hereinafter mentioned: That I, Tim Waltner, the undersigned, am publisher of said newspaper in charge of the advertising department thereof, and have personal knowledge of all the facts stated in this affidavit, and that the advertisement headed Notice of Intent to Validate Vested Water Right Claim No. 5073-3

a printed copy of which is hereto attached, was printed and published in the said newspaper for two successiv issues to-wit: The first publication being on the 9th day of January and the last publication on January 17 That the full amount of the fees charged for publishing the san to-wit: The sum of $ 23.23 insures solely to the benefit of the publisher of the Freeman Courier, that no agreement or understanding for any division thereof has been made with any other person whomsoever, and the amount of $ 23.23 is the rate for publishing legal notices.

Tim Waltner

Subscribed and sworn to before me this 17th day of January, 1991.

Mary Ann Pichner
Notary Public
My comm. exp. 3-7-96

Publication fee . . . $
Notary fee . . . . $
Total . . . . . $

AFFIDAVIT OF PUBLICATION

JAN 1991
DIVISION OF
WATER RIGHTS
Pierre, SD

COUNTY OF HUTCHINSON }
STATE OF SOUTH DAKOTA } SS

Tim Waltner, of said county and state, being duly sworn, on his oath, deposes and says: That the Freeman Courier is a weekly newspaper of general circulation and a legal newspaper as required by law, printed and published in the town of Freeman in said county and state by Tim Waltner, and has been such newspaper during the time hereinafter mentioned: That I, Tim Waltner, the undersigned, am publisher of said newspaper in charge of the advertising department thereof, and have personal knowledge of all the facts stated in this affidavit, and that the advertisement headed Notice of Intent to Validate Vested Water Right Claim No. 5073-3

a printed copy of which is hereto attached, was printed and published in the said newspaper for two successiv issues to-wit: The first publication being on the 9th day of January and the last publication on January 17 That the full amount of the fees charged for publishing the sam to-wit: The sum of $ 23.23 insures solely to the benefit of the publisher of the Freeman Courier, that no agreement or understanding for any division thereof has been made with any other person whomsoever, and the amount of $ 23.23 is the rate for publishing legal notices.

Tim Waltner

Subscribed and sworn to before me this 17th day of January, 1991.

Mary Ann Pickering
Notary Public
My comm. exp. 3-7-96

Publication fee . . . $

Notary fee . . . . $

Total . . . . . $

Readvertisement of the Notice of Intent to Validate Vested Water Right Claim No. 5073-3, Silver Lake

Notice is given that the following vested water right claim is eligible for validation by the Water Management Board pursuant to SDCL 46-2A-17 without a hearing unless a petition to oppose the validation is filed pursuant to SDCL 46-2A-16. This is a readvertisement of the Notice of Intent to Validate Vested Water Right Claim No. 5073-3, Silver Lake, South Dakota Department of Game, Fish, & Parks, which was published June 8 and 15, 1988 in the Freeman Courier. This readvertisement is necessary because of deficiencies in the original notice.

The South Dakota Department of Game, Fish & Parks, Joe Foss Building, 523 E. Capitol, Pierre, SD 57501 filed an application for validation of a vested water right claim for Silver Lake on August 22, 1985. Silver Lake is primarily located in Section 25 T100N-R56W in Hutchinson County and a portion of the lake may also be located in Sections 26 and 36 T100N-R56W in Hutchinson County and Section 30 T100N-R55W in Turner County. A concrete inlet/outlet structure is located in the SE 1/4 NE 1/4 of Section 25 T100N-R56W. This claim is for sufficient surface water runoff from the Silver Lake drainage basin to fill the lake annually to the inlet/outlet elevation of 1435.34 feet mean sea level with a claimed priority date of January 1, 1917. A map of the Silver Lake drainage basin was included with the application. The water impounded in place in the lake is for wildlife production and recreational uses.

Any person who wishes to oppose validation of this vested right claim shall, prior to April 18, 1991, file a petition of intent to oppose the validation with the Chief Engineer, Water Rights Division, Department of Water and Natural Resources, Joe Foss Building, 523 East Capitol, Pierre, SD 57501 and with the Department of Game, Fish & Parks at the address listed above. The petition may be informal, but it must include a statement describing the petitioner's opposition to the claim, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained.

If a petition of intent to oppose the validation of this vested water right claim is filed, the Chief Engineer will schedule a hearing before the Water Management Board. The parties will be notified of the time and place of the hearing. If no person opposes validation of this vested water right claim pursuant to SDCL 46-2A-16, the Water Management Board will issue an order pursuant to SDCL 46-2A-17, validating the vested water right claim.

This validation is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14; 46-2-3.1, 46-2-9, 46-2-11, 46-2-17; 46-2A-16 thru 46-2A-18; 46-5-1 thru 46-5-6.1, 46-5-8.2, 46-5-13 thru 46-5-15, 46-5-30.2 thru 46-5-37.1, 46-5-46, 46-5-49; 46-7-1 thru 46-7-5.3, 46-7-12, 46-7-14, 46-7-15 and Board Rules ARSD 74:02:01:01 thru 74:02:01:05.01 and 74:02:01:20 thru 74:02:01:22.

Any person wishing to assure access to the hearing by the handicapped (if a hearing is held), further information on the claim, a copy of the application and map of the Silver Lake drainage basin, the vested right claim list for another county or a summary of South Dakota Water Law and Water Rights Information can contact the Chief Engineer, Water Rights Division, Joe Foss Building, 523 East Capitol, Pierre, SD 57501, (605-773-3352).

2-41

GREAT FACES. GREAT PLACES.

DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 7, 1991

NOTICE

TO: Water Right and Water Permit Holders
Hutchinson County

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Notice of Intent to Validate Vested Water Right Claim

Enclosed is a Notice of Intent to Validate Vested Water Right Claim No. 5073-3, Silver Lake, South Dakota Department of Game, Fish & Parks. State Statute 46-2A-16 requires that a copy of the notice of intent to validate a vested right claim filed prior to July 1, 1986 be mailed to all known water right or water perit holders in that county. This notice will also be published for two consecutive weeks in the Freeman Courier.

Validation is a legal procedure where those vested water right claims established prior to 1907 or between 1907 and 1955 without publication and notice, may be quantified, validated and have official legal status.

If you have questions, please contact the Water Rights Division, Department of Water and Natural Resources, Joe Foss Building, 523 East Capitol, Pierre, SD 57501-3181, (605) 773-3352.

enclosure

GREAT FACES. GREAT PLACES.

DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 7, 1991

NOTICE

TO: Water Right and Water Permit Holders
Turner County

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Notice of Intent to Validate Vested Water Right Claims

Enclosed is a Notice of Intent to Validate Vested Water Right Claim Nos. 4944-3, Swan Lake and 5073-3, Silver Lake, South Dakota Department of Game, Fish & Parks. State Statute 46-2A-16 requires that a copy of the notice of intent to validate a vested right claim filed prior to July 1, 1986 be mailed to all known water right or water perit holders in that county. This notice will also be published for two consecutive weeks in the New Era newspaper.

Validation is a legal procedure where those vested water right claims established prior to 1907 or between 1907 and 1955 without publication and notice, may be quantified, validated and have official legal status.

If you have questions, please contact the Water Rights Division, Department of Water and Natural Resources, Joe Foss Building, 523 East Capitol, Pierre, SD 57501-3181, (605) 773-3352.

enclosure

GREAT FACES. GREAT PLACES.

DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 8, 1991

Mr. Michael Marlow
Brady, Reade and Johnson
200 West Third
P.O. Box 735
Yankton, SD 57078

Dear Mr. Marlow:

Recently I sent you and your clients Ted and Murray Waltner copies of the notice of intent to validate Vested Right Claim No. 5073-3, Silver Lake. These notices are scheduled for publication in Hutchinson and Turner Counties. Enclosed are copies of these notices with minor changes that have been made prior to publication.

If you have any questions regarding the public notice process, feel free to contact this office.

Sincerely,

Eric Gronlund

Eric Gronlund
Water Rights Division
605 773-3352

enclosure

cc: Ted and Murray Waltner

STATE OF SOUTH DAKOTA

BEFORE THE WATER MANAGEMENT BOARD

IN THE MATTER OF THE VALIDATION OF VESTED RIGHT CLAIM NO. 5073-3, FOR SILVER LAKE; SOUTH DATOTA GAME, FISH AND PARKS	))))	PETITION OF INTENT TO OPPOSE VESTED WATER RIGHT CLAIM NO. 5073-3, SILVER LAKE

Come now, Ted Walter, Murray Walter, Tommy Thomas, Merlin Hofer, Vernon J. Hofer, Robert L. Hofer, Danny Koehn, Roy Ensz and Albert Koehn, by and through their counsel of record, Steven M. Johnson and Michael F. Marlow, and hereby file this Petition of Intent to Oppose Vested Water Right Claim No. 5073-3, Silver Lake. Petitioners' opposition to the vested water rights claim is based upon the following:

1. Lack of evidence to support a priority date of 1917;

2. Deficiencies in the Application for Permit to Appropriate Water Within the State of South Dakota dated August 22, 1985;

3. Deficiencies in the notifications appearing in the Freeman Courier and the New Era readvertising this claim;

4. Inaccuracies in the study entitled "Ordinary High Water Mark Investigation for Silver Lake" dated September 17, 1985 which is relied upon by the South Dakota Department of Game, Fish & Parks to support its vested claim;

5. Changes in the physical drainage area in and around Silver Lake since the September 17, 1985 study;

6. Certain actions taken by the South Dakota Game, Fish & Parks Department in and around Silver Lake were without statutory authority;

7. Failure to comply with SDCL 46-5-20.1; and

8. Such other legal and factual circumstances that may become apparent after full investigation of this claim.

Dated this 11th day of February, 1991.

BRADY, READE & JOHNSON

BY _____
Steven M. Johnson
Michael F. Marlow
Attorneys for the Petitioners
P.O. Box 735
Yankton, SD 57078
(605) 665-7468

CERTIFICATE OF SERVICE

This is to certify that a true and correct copy of the foregoing Petition of Intent to Oppose Vested Water Right No. 5073-3, Silver Lake was served upon the following named individuals:

Chief Engineer
Water Rights Division
Department of Water
& Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181

Department of Game,
Fish & Parks
Joe Foss Building
523 East Capitol
Pierre, SD 57501

by depositing the same in the United States Post Office at Yankton, South Dakota, in an envelope with first class postage thereon prepaid on this 11th day of February, 1991.

Michael F. Marlow

DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

March 7, 1991

Banner and Associates
%Joel Farber
P.O. Box 550
620 Plaza Court
Laramie, WY 82070-8921

Dear Joel:

Enclosed are photos that the Division has on file for the Silver Lake/Rohr Lake/Schartner Ditch, Turner County area. The photos were taken by Ted and Murray Waltner (landowners adjacent to Schartner Ditch) on May 12, 1986.

The elevation of the water surface of Rohr Lake on May 12, 1986 was not measured by the Division of Water Rights. However, a photo was taken by Ted and Murray Waltner that showed water flowing from Rohr Lake, through Schartner Ditch, over the earthen dike constructed in Schartner Ditch (elevation = 1436.9 fmsl), and flowing into Silver Lake. I believe Ted and Murray still have a photograph showing water flowing over the earthen plug in Schartner ditch. I have seen the photo, but the Division does not have a copy of the photo.

I have also enclosed the following Division reports for your information: ORDINARY HIGH WATER MARK INVESTIGATION, SILVER LAKE, HUTCHINSON AND TURNER COUNTIES, September, 1985 and Report on Validation of Recognized Vested Right No. 5073-3, South Dakota Department of Game, Fish and Parks, November 1, 1989.

Fourteen aerial slides were taken by Duane Pankratz, Freeman, South Dakota of the Rohr Lake/Silver Lake area in 1960 and 1962. Mr. Pankratz is now deceased. The slides show flooding in the area due to runoff events. The slides are currently being reproduced at Heines Photos here in Pierre. Actually, Heines Photos had to send them out of town to get them reproduced. The cost of reproduction is $0.85 per slide so the total cost to you including tax should be about $12.61. The slides should be available in about 10 days. Be sure to give us a call and remind us about the slides since I will no longer be working for the state of South Dakota.

Contact Gale Selken or Ken Buhler if you have any further question concerning Rohr Lake or Silver Lake.

Very truly yours,

David S. Brown

David S. Brown
Natural Resources Engineer III
DWNR, Water Rights Division
(605) 773-3352

enclosures

South Dakota
GREAT FACES. GREAT PLACES.

DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

March 14, 1991

NOTICE

TO: Richard Beringson, Secretary
Department of Game, Fish & Parks
Joe Foss Building
523 E. Capitol
Pierre, SD 57501
and Parties of Record (see attached list)

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Vested Water Right Claim No. 5073-3, Silver Lake

Pursuant to SDCL 46-2A-17, a petition of intent to oppose the validation of a vested water right claim must be filed to be a party to the hearing. This notice is to act as a petition of opposition to validation of Vested Water Right Claim No. 5073-3, Silver Lake, in order to meet the statutory requirement for status as a party to the hearing. The purpose of this opposition petition is to enable the Chief Engineer to participate in the hearing before the Water Management Board.

The hearing before the Water Management Board to consider Validation of Vested Water Claim No. 5073-3 is tentatively scheduled at 8:30 am, May 2, 1991 at Chef Louie's meeting room, 601 E. Havens, Mitchell SD. The actual time of the hearing may be later than 8:30 am due prior agenda items from the previous day. A future notice will be sent to parties to confirm the hearing time and place. Applicable provisions of the notice of intent to validate published on January 9 & 17, 1991 in the Freeman Courier and January 10 & 17, 1991 in the New Era wiil still apply at this hearing.

This hearing is an adversary proceeding. Any person having filed a petition and the Vested Right Claim Holder have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

cc: Diane Best, Assistant Attorney General
Tim Olson, G,F&P Permits Coordinator

CERTIFICATION

Except as listed below, I hereby certify that on March 14, 1991, I have personally deposited with the U.S. Mail, postage prepaid envelopes containing a Notice to act as a petition of oppostition to validation of Vested Water Right Claim No. 5073-3, Department of Game, Fish & Parks (addressed as stated on the Notice).

A Notice was handcarried to:

Richard Beringson, Secretary
Dept Game, Fish & Parks
Joe Foss Bldg
523 E Capitol
Pierre, SD 57501

Jaci R. Konop

JACI R. KONOP
Senior Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 19th day of March, 1991.

JOHN HATCH
SEAL NOTARY PUBLIC SOUTH DAKOTA SEAL
My Commission Expires Apr. 1, 1993

John Hatch
Notary Public

ATTORNEYS AT LAW
BRADY, READE AND JOHNSON
200 WEST THIRD
P.O. BOX 735
YANKTON, SOUTH DAKOTA 57078-0735

FRANK J. BRADY
GERALD L. READE
STEVEN M. JOHNSON
MICHAEL E. RIDGWAY
CELIA MINER
MICHAEL F. MARLOW

TELEPHONE
(605) 665-7468
FAX (605) 665-4788

March 19, 1991

Mr. John Hatch, Chief Engineer
Department of Water and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181

Re: Vested Right Claim #5073-3, Silver Lake

Dear Mr. Hatch:

I am in receipt of your notice of March 14, 1991 setting the hearing on the above vested water right claim for May 2, 1991 in Mitchell, South Dakota. Unfortunately, Steve Johnson and I will be preparing for a three week trial beginning that following Monday. As a result, we will not be able to adequately prepare for this hearing at the presently scheduled time. Please treat this letter as a formal request for a postponement in the hearing until the July meeting.

I appreciate your consideration of this request and I look forward to hearing from you.

Sincerely,

MICHAEL F. MARLOW
For the Firm

MFM/ckb

cc: Ted and Murray Waltner
Tommy Thomas
Merlin Hofer
Vernon Hofer
Robert Hofer
Danny Koehn
Roy Ensz
Albert Koehn
Diane Best, Asst. Attorney General
Tim Olson
Richard Beringson

DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

April 3, 1991

NOTICE

TO: Richard Beringson, Secretary
Department of Game, Fish & Parks
Joe Foss Building
Pierre, SD 57501
and Parties of Record (see attached list)

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Postponement of Hearing on Vested Water Right Claim No. 5073-3, Silver Lake

The hearing before the Water Management Board to consider Validation of Vested Water Right Claim No. 5073-3 has been postponed and will not be held as scheduled on May 2, 1991 in Mitchell SD. The basis for this postponement is a formal request by Mr. Michael Marlow, the attorney representing the petitioners in opposition to the vested water right claim.

The hearing before the Water Management Board to consider Validation of Vested Water Right Claim No. 5073-3 will be rescheduled for July 25, 1991 in Pierre SD. A future notice will be sent to all parties once a hearing time and meeting location has been established.

cc: Diane Best, Assistant Attorney General
Tim Olson, GF&P Permits Coordinator

(date)

page _____

Parties of Record before Water Management Board

Vested Right Claim No. 5073-3, Silver Lake, Dept of Game, Fish & Parks

	Opposition
SD Dept. of Game, Fish & Parks	Steven Johson (attny)
Richard Beringson, Secretary	Michael F. Marlow (attny)
Joe Foss Building	Brady, Reade and Johnson
523 E. Capitol	200 West Third
Pierre SD 57501	P.O. Box 735
(Tim Olson, Permit Coordinator)	Yankton, SD 57078
	Representing
	Ted Waltner
	Murray Waltner
	Tammy Thomas
	Merlin Hofer
	Vernon Hofer
	Robert Hofer
	Danny Koehn
	Roy Ensz
	Albert Koehn

CERTIFICATION

I hereby certify that on April 3, 1991 I have personally deposited with the U.S. Mail postage prepaid envelopes containing a Notice of Postponement of Hearing on Vested Water Right Claim No. 5073-3, Silver Lake addressed as stated on the notice.

The following was hand delivered to:

Richard Beringson, Secretary
SD Dept. of Game, Fish & Parks
Joe Foss Bldg., 523 E. Capitol
Pierre, SD 57501

Cheryl F. Frost
Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 9th day of April, 1991.

JOHN HATCH
SEAL NOTARY PUBLIC SEAL
SOUTH DAKOTA
My Commission Expires Apr. 1, 1993

John Hatch
Notary Public

Lawn Water Rights Division

Topo Map ID#	Drainage Area (Acres)	Comments
H54	12,610	Includes surface area of Silver Lake and Potter Lake
H55	2,336	
G54	6,080	
G55	1,546	

Total = 22,572 Acres
= 35.3 mi^2

Surface Area of Silver Lake @ 1435 Fmsl = 420 acres (0.7 mi^2) H54
Surface Area of Potter Lake @ 1435 Fmsl = 435 acres (0.7 mi^2) H54

Note: All areas and elevations taken from USGS 7.5 minute Quadrangle, Dolton, S. Dak., 1970.

Summary

[illegible]

[illegible] = 22,600 − 420 − 435
= 21,745 acres

State Climatologist SDSU
Al. Bender

Older data will be sent as soon as possible!

Susan B. Sears
Staff Assistant
688-5682

SOUTH DAKOTA

PRECIPITATION NORMALS (INCHES)

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MARION		.49	.87	1.60	2.39	3.20	3.80	2.90	2.73	2.61	1.48	.95	.78	23.80
MARTIN		.26	.42	.93	1.96	2.95	3.37	2.36	2.09	1.26	.89	.38	.35	17.22
MCINTOSH		.36	.41	.74	1.69	2.85	3.34	2.19	1.91	1.41	.90	.43	.43	16.66
MCLAUGHLIN		.39	.49	.95	1.94	2.56	3.24	2.10	1.91	1.32	1.10	.52	.46	16.98
MELLETTE 2 SE		.38	.63	.95	2.20	2.95	3.66	2.47	2.26	1.52	1.19	.64	.43	19.28
MENNO		.44	.79	1.40	2.25	3.25	3.87	3.24	2.57	2.51	1.41	.94	.73	23.40
MIDLAND		.30	.46	.92	1.85	2.69	3.01	1.90	1.77	1.18	.95	.43	.36	15.82
MILBANK		.47	.58	1.07	2.31	2.91	4.00	2.65	2.65	1.64	1.55	.98	.54	21.35
MILESVILLE 5 NE		.40	.56	.99	1.82	3.18	3.17	1.92	1.83	1.32	1.11	.50	.54	17.34
MILLER		.43	.64	.99	2.21	2.75	3.14	2.30	2.24	1.30	1.25	.63	.49	18.37
MITCHELL 2 SSE		.37	.65	1.21	2.33	3.15	3.50	2.46	2.70	2.06	1.39	.75	.52	21.09
MOBRIDGE		.42	.46	.94	1.95	2.63	3.31	1.94	1.97	1.37	1.04	.56	.51	17.10
MURDO		.31	.46	1.08	2.20	2.67	3.28	2.09	1.85	1.11	1.15	.49	.43	17.12
NEWELL 2 NW		.34	.41	.60	1.49	2.51	3.13	1.85	1.39	1.06	.88	.43	.30	14.39
OELRICHS		.40	.54	1.03	1.95	2.92	2.83	2.19	1.54	1.16	.85	.52	.42	16.35
ONAKA		.34	.41	.75	1.68	2.43	3.81	2.23	2.10	1.19	1.04	.51	.43	16.92
PHILIP		.26	.39	.75	1.59	2.67	3.25	2.07	1.63	1.03	.87	.34	.33	15.18
PICKSTOWN	//	.38	.68	1.21	2.29	2.92	3.85	2.65	2.51	2.21	1.27	.77	.63	21.37
PIERRE FAA AP		.46	.68	.89	1.94	2.71	3.76	2.15	2.00	1.32	1.11	.47	.59	18.08
PLATTE		.41	.73	1.34	2.46	3.32	4.11	2.59	2.41	1.99	1.45	.76	.63	22.20
POLLOCK		.37	.43	.76	1.77	2.67	3.24	2.20	1.84	1.32	.89	.49	.40	16.38
RALPH		.27	.32	.46	1.54	2.61	3.48	1.92	1.63	1.21	.83	.34	.28	14.89
RAPID CITY WSO	//R	.42	.62	1.02	1.96	2.63	3.26	2.12	1.44	1.03	.81	.51	.45	16.27
RAPID CITY		.43	.63	1.01	2.30	3.06	3.71	2.33	1.79	1.07	.85	.52	.44	18.14
RAYMOND 3 NE		.35	.49	.79	1.88	2.62	3.46	2.91	2.19	1.34	1.37	.71	.42	18.53
REDFIELD 6 E		.33	.67	.90	2.05	2.94	3.68	2.48	1.97	1.25	1.26	.56	.42	18.51
REDIG 11 NE		.30	.41	.61	1.40	2.52	3.28	2.01	1.67	1.01	.79	.40	.31	14.71
REDOWL		.27	.41	.71	1.57	2.60	3.47	1.91	1.25	1.20	.81	.37	.33	14.90
SCENIC		.29	.48	.90	1.83	2.75	3.12	1.94	1.45	1.23	.90	.41	.30	15.60
SIOUX FALLS WSO	//R	.50	.93	1.58	2.36	3.21	3.70	2.71	3.13	2.79	1.57	.92	.72	24.12
SISSETON		.61	.69	1.06	2.34	3.17	3.56	2.54	2.73	1.46	1.37	.93	.67	21.13
SPEARFISH		.56	.80	1.35	2.47	3.46	4.09	1.97	1.99	1.38	1.34	.93	.72	21.06
TIMBER LAKE		.41	.59	1.02	1.90	2.85	3.31	1.89	2.17	1.29	1.05	.53	.56	17.57
TYNDALL		.41	.75	1.34	2.36	3.40	3.86	3.40	2.65	2.50	1.37	.86	.65	23.55
VERMILLION 2 SE		.37	.74	1.39	2.22	3.66	3.83	3.37	3.22	2.21	1.49	.89	.68	24.07
VICTOR 1 ESE		.54	.55	.95	2.26	2.84	3.66	2.96	2.60	1.72	1.25	.86	.65	20.84
WAGNER		.53	.91	1.41	2.49	3.34	3.89	3.15	2.68	2.62	1.46	.98	.88	24.34
WASTA		.35	.44	.85	1.91	2.51	3.13	2.05	1.51	1.06	.92	.49	.38	15.60
WATERTOWN FAA AIRPORT	//R	.56	.70	1.21	2.20	3.14	3.96	2.96	2.77	1.60	1.66	.89	.68	22.33
WEBSTER		.63	.63	.88	2.02	2.89	3.71	2.90	2.72	1.54	1.35	.80	.67	20.74
WENTWORTH 2 WNW		.46	.76	1.46	2.15	3.02	3.82	2.81	3.26	2.17	1.45	.83	.71	22.90
WESSINGTON SPRGS 8 SW		.58	.89	1.55	2.43	3.14	3.44	2.47	2.06	1.42	1.28	.85	.71	20.82
WHITE LAKE		.41	.70	1.18	2.33	3.37	3.55	2.58	2.55	1.81	1.27	.76	.53	21.04
WILMOT 1 ENE		.56	.72	1.15	2.37	3.25	3.72	2.81	2.70	1.57	1.63	.86	.61	21.95
WINNER		.46	.70	1.36	2.74	3.25	3.80	2.85	2.59	1.86	1.29	.74	.56	22.20
WOOD		.43	.71	1.19	2.33	3.22	3.06	2.50	2.15	1.34	1.18	.61	.56	19.28
YANKTON 3 N		.32	.64	1.38	2.19	3.49	3.92	3.17	3.08	2.33	1.35	.89	.52	23.28

APR 1991
DIVISION OF
WATER RIGHTS
Pierre, SD

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2 - CONTINUED

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CANTON	.07		1.19		.95		1.29		1.16		7.48		5.61		.95		1.13		3.30		1.75		.89		23.77	
CENTERVILLE 6 SE	T		1.83		.57		1.61		2.11		7.70		1.97		.87		1.67		3.70		1.56		.93		23.21	
HARTON	.02	-.50	1.97	1.11	.99	-.60	2.06	-.09	1.70	1.70	4.46	.29	1.69	1.09	.95	1.93	2.39	-.11	3.70	2.24	2.37	1.44	.95	.92	23.25	-.40
MENNO	.04	-.57	1.86	1.00	.90	-.62	1.65	-.50	3.44	.06	6.80	2.74	4.01	1.62	1.35	1.67	2.23	.20	2.81	1.50	2.24	1.34	1.02	.40	28.35	5.50
MITCHELL 2 SSE	.07	-.36	1.32	.71	.73	-.66	2.48	.24	2.18	-.73	4.25	-.57	2.14	-.13	1.54	1.28	1.42	-.70	2.81	1.51	1.47	-.70	.54	-.04	20.95	-.09
MONTROSE	.09		1.39		.90		2.54		1.67		4.84		2.86		1.20		1.58		2.93		2.44		.72		23.16	
PARKSTON 5 E	.03	-.45	2.73	2.04	.97	-.33	1.70	-.32	2.02	-.78	5.88	2.07	2.63	.23	2.79	-.07	1.58	-.64	3.12	1.98	2.17	1.37	1.03	-.30	26.65	5.88
PICKSTOWN //	.08		1.62		1.02		3.95		3.06		3.45		3.54		2.26		1.65		4.17		2.01		1.27		25.76	
PLATTE	.11		1.78		1.36		4.81		2.70		4.13		2.27		1.60		2.03		4.14		2.12		.84		28.21	
SALEM E	.05		E 1.57		.76		3.30		1.95		3.90		3.05		1.54		1.17		4.56		2.45		.79	E	29.09	
SIOUX FALLS WSO //R	.12	-.49	.90	-.03	.85	-.69	1.59	-.72	1.06	2.32	6.10	1.75	2.92	.08	.71	2.88	3.23	.62	3.06	1.81	2.45	1.45	.64	-.10	23.64	1.52
TYNDALL	.05	-.47	1.97	1.18	1.09	-.38	2.30	-.09	4.47	1.06	4.82	-.95	2.74	-.30	.95	2.47	2.41	-.25	2.74	1.52	1.32	-.68	1.04	-.54	25.71	3.25
VERMILLION 2 SE	-		-		-		-		-		-		-		-		.93	1.61	3.38	1.11	1.50	-.50	.62	-.05	-	
WAGNER	.11		2.08		1.09		3.62		3.14		3.67		2.74		.94		2.16		3.91		2.55		1.11		27.14	
WHITE LAKE E	.10		1.62		.70		4.19		2.98		1.71		2.79		1.16		.98		3.48		2.53		.62	E	22.43	
YANKTON 3 N	T	-.42	1.81	1.12	.64	-.57	1.94	-.65	1.80	1.70	6.55	2.25	3.90	1.43	.27	2.94	2.11	-.09	2.34	1.01	1.73	.82	.61	.12	23.30	.38
DIVISION	.05	-.46	1.69	.91	.83	-.60	2.42	.21	2.39	-.01	4.69	.72	3.02	.56	1.46	1.50	1.81	-.35	3.01	1.72	2.10	1.22	.85	.28	24.32	1.92

Division averages in the annual issue include late reports and corrected data and may differ slightly from values published in monthly issues.

SOIL TEMPERATURES

Station	Depth (IN)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
MADISON RESEARCH FARM	4		25.5	30 20	24.9	31 16	30.1	34 21	39.8	50 31	51.6	59 41	66.2	76 53	67.9	75 59	70.5	78 63	60.0	73 49	51.5	61 40	37.8	43 34	34.0	36 31	46.6	78 16
	8		27.0	31 23	25.6	31 18	30.5	33 24	38.7	46 32	50.9	56 43	64.4	72 53	68.3	72 61	69.7	74 65	61.2	71 53	52.7	60 43	39.8	45 36	35.6	38 33	47.0	74 18
	20		31.5	35 28	28.2	31 25	31.4	33 29	36.0	42 33	47.9	52 42	58.7	64 52	64.2	66 62	65.4	68 62	61.3	67 56	54.5	59 49	43.7	49 40	38.6	40 37	46.8	68 25
	40		36.5	39 34	32.6	34 31	32.7	33 32	35.1	39 33	43.3	47 39	51.1	56 47	57.4	59 55	59.2	61 58	58.6	61 56	53.8	56 52	46.6	51 43	41.0	43 39	45.6	61 31

AVERAGE DATA ARE FROM MAX AND MIN READINGS FOR 24 HOURS UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS AT TIME SHOWN.

POINSETT SILTY CLAY UNDER ALFALFA AND BROME GRASS SOD. DEGREE OF SLOPE, 5 PERCENT; SLOPE FACES WEST-NORTHWEST.

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 9 . CONTINUED

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
MARION	.06	-.46	.73	-.13	.99	-.60	2.37	-.22	9.22	5.82	2.68	-1.49	2.88	.10	1.73	-1.15	1.73	-.55	1.79	.33	1.77	.84	1.43	-.80	27.38	3.73
MITCHELL 3 SSE	.24	-.37	1.06	.20	.86	-.66	2.56	.41	9.84	6.46	3.33	-.73	3.30	.91	1.40	-1.62	1.28	-.75	1.73	.42	1.85	.95	1.23	-.71	28.78	3.93
MONTROSE	.06	-.37	.62	.01	.73	-.66	1.27	-.97	10.03	7.12	3.30	-.98	3.26	.99	.57	-2.25	.45	-1.67	2.19	.89	1.64	.87	.43	-.05	24.55	3.51
PARKSTON 8 ENE	.15		.44		1.14		2.13		6.56		2.52		3.54		1.90		1.27		1.85		1.54		.77		29.81	
PICKSTOWN //	.13		.50		.47		2.45		5.66		6.39		5.45		.52		1.23		1.50		1.68		.86		26.84	
PLATTE	.21		.44		.43		3.42		6.30		6.13		5.08		.92		.69		1.73		2.11		.73		28.19	
SALEM	.10		1.25		1.61		1.25		6.78		3.22		4.00		2.15		1.85		1.80		2.22		1.35		27.58	
SIOUX FALLS WSO AP //R	.18	-.44	.40	-.33	.97	-.37	2.73	-.42	7.25	3.87	2.09	-2.26	3.49	-.65	2.65	-.94	1.75	-.86	1.78	-.53	1.89	-.89	1.25	-.51	26.43	1.27
TYNDALL	.10	-.42	.47	-.32	.64	-.83	2.95	-.14	7.93	4.92	3.70	-.17	6.41	3.97	2.11	-.91	1.69	-.47	1.71	-.49	1.32	-.47	.97	-.47	29.40	6.94
VERMILLION 2 SE	.11	-.36	.35	-.43	.31	-.86	2.40	-.14	8.00	4.65	2.16	-1.77	5.37	2.29	1.13	-1.91	3.09	-.55	1.54	-.27	1.24	-.24	.98	-.41	26.72	3.22
WAGNER	.15		1.42		.60		3.12		6.50		3.49		4.49		.28		1.89		1.66		2.55		.71		26.96	
WHITE LAKE	.15		.22		.38		2.75		6.08		4.12		9.59		.51		.54		1.51		2.11		1.05		29.01	
YANKTON 3 N	.07	-.35	.20	-.49	.72	-.49	2.22	-.03	11.69	8.19	3.85	-.45	8.86	6.39	1.46	-1.75	2.21	-.01	1.73	.40	1.54	.63	.84	-.35	35.39	12.47
DIVISION	.14	-.37	.55	-.23	.70	-.73	2.31	-.10	8.04	4.84	3.45	-.52	4.64	2.18	1.39	-1.57	1.36	-.80	1.70	.42	1.69	.81	1.03	-.47	27.00	4.80

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

SOIL TEMPERATURES

Station	Depth (In)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
MADISON RESEARCH FARM																												
	4		30.3	36 24	27.7	32 24	31.0	34 23	37.5	45 31	53.9	65 43	64.4	71 58	68.3	75 58	68.0	76 60	60.1	67 49	47.8	57 40	38.7	45 34	30.1	34 25	46.5	76 23
	8		32.1	37 27	29.3	33 27	31.6	33 26	36.8	45 32	52.8	62 44	63.1	66 58	67.5	72 60	67.5	73 62	61.3	65 53	49.6	57 43	40.6	45 36	31.6	36 28	47.0	73 26
	20	5PM	35.0	37 33	31.6	33 31	32.4	33 31	35.2	41 33	48.7	56 42	59.0	61 55	63.7	67 60	65.0	66 59	61.5	64 57	52.4	57 48	43.9	47 40	35.8	40 34	47.0	67 31
	40	5PM	37.5	39 35	33.7	35 33	32.9	34 32	34.1	37 33	42.5	48 38	51.1	53 48	56.0	60 53	59.5	60 59	57.4	59 55	51.9	55 49	45.2	48 42	38.7	42 36	45.0	60 32

AVERAGE DATA ARE FROM MAX AND MIN READINGS FOR 24 HOURS UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS AT TIME SHOWN.

POINSETT SILTY CLAY UNDER ALFALFA AND BROME GRASS SOD. DEGREE OF SLOPE, 5 PERCENT; SLOPE FACES WEST-NORTHWEST.

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1973

STATION	JANUARY PRECIP.	JANUARY DEPARTURE	FEBRUARY PRECIP.	FEBRUARY DEPARTURE	MARCH PRECIP.	MARCH DEPARTURE	APRIL PRECIP.	APRIL DEPARTURE	MAY PRECIP.	MAY DEPARTURE	JUNE PRECIP.	JUNE DEPARTURE	JULY PRECIP.	JULY DEPARTURE	AUGUST PRECIP.	AUGUST DEPARTURE	SEPTEMBER PRECIP.	SEPTEMBER DEPARTURE	OCTOBER PRECIP.	OCTOBER DEPARTURE	NOVEMBER PRECIP.	NOVEMBER DEPARTURE	DECEMBER PRECIP.	DECEMBER DEPARTURE	ANNUAL PRECIP.	ANNUAL DEPARTURE
INTERIOR 3 NE	E .34		E .15		2.57		2.11		3.34		.84		1.98		.16		2.57		1.07		.43		.16		E 15.72	
ADOKA	.50		.31		2.96		2.62		4.26		1.24		2.19		.57		2.71		1.50		.83		.33		20.02	
YLE	.31		.25		2.55		2.30		3.57		1.30		1.02		1.24		4.39		1.01		.55		.36		18.85	
LONG VALLEY	.25	-.16	.26	-.19	3.19	2.09	2.04	.15	3.54	.66	E 1.43	-1.59	1.47	-.16	1.00	-.92	3.48	2.38	.98	-.02	.60	.13	.16	-.11	E 16.36	2.25
ANDERSON 1 SE	.53		.38		2.34		2.26		2.90		.84		1.28		1.34		4.53		1.37		.79		.76		19.32	
ARTIN	.30		.22		2.93		E 2.04		3.69		.68		1.19		.82		3.83		.93		.64		E .45		E 17.72	
ELRICHS	.31		.38		1.88		3.81		2.23		.87		3.80		.54		3.08		.77		.91		1.04		19.62	
RAL	.11		.28		1.96		2.59		2.26		.63		2.81		1.35		1.94		1.58		.77		.48		16.76	
HILIP	.45		.13		2.55		2.08		3.11		E 1.20		.65		.76		1.30		E 1.77		E .63		E .20		E 14.83	
INE RIDGE	.94		.59		1.88		2.59		2.17		E .87		E 2.21		1.19		3.82		.34		.73		.61		E 17.94	
ORCUPINE 16 NW	E .26		.42		2.65		2.71		2.51		1.95		1.49		.38		3.20		1.13		.75		.60		E 18.05	
APID CITY WSO AP //R	.11	-.25	.21	-.17	2.71	1.70	2.69	1.02	2.37	-.29	.64	-2.44	1.46	-.32	.74	-.48	1.44	.49	1.38	.59	.73	.32	.54	.24	15.12	.41
APID CITY	.10	-.32	.28	-.17	2.37	1.35	3.35	1.24	2.24	-.64	.73	-2.62	3.88	2.03	.52	-1.15	1.79	.81	.81	-.05	.64	.16	.58	.26	17.29	.90
CENIC	.21		.15		2.11		-		2.43		.92		-		.79		-		-		1.01		.39		-	
ASTA	.28		.12		3.40		2.13		2.70		1.32		2.72		.25		1.83		1.19		.59		.43		16.96	
DIVISION	.30	-.09	.29	-.12	2.74	1.82	2.66	.88	2.90	.06	1.09	-1.92	1.98	.18	.73	-.87	2.62	1.52	1.21	.37	.67	.22	.48	.17	17.67	2.22
* * * CENTRAL 06																										
LUNT	.52		.10		2.16		1.24		2.99		1.45		1.76		1.05		1.60		2.17		.44		.32		15.80	
HAMBERLAIN	1.27		.65		1.66		.93		3.35		.97		2.10		.87		3.96		1.35		1.19		.41		18.71	
ORT PIERRE 17 WSW	.60		.09		2.85		1.31		3.13		1.12		.48		2.17		2.02		1.91		.96		.10		16.74	
ORT SULLY 8 NE	E .65		E .18		1.00		2.09		2.72		.55		1.07		1.44		1.39		1.18		.40		.15		E 12.82	
ARROLD 12 SSW	.45		.18		1.66		1.46		2.41		1.55		2.67		.79		1.52		2.61		E .52		.41		E 16.23	
AYES 5 ESE	.60		.04		2.61		1.53		2.90		.91		1.02		1.24		1.89		1.84		1.05		.07		15.70	
IGHMORE 1 W	.64	.25	.34	-.19	1.90	.81	1.54	-.20	2.22	-.11	.92	-2.62	2.06	.08	.89	-1.15	1.89	.58	E 2.00	.85	.68	.08	.33	-.07	E 15.41	-1.69
IGHMORE 23 NNW	.59		.20		1.77		.70		2.50		1.01		1.88		1.44		3.06		1.67		.81		.43		16.06	
OPEWELL 1 SE	.42		E .15		E 2.54		1.39		3.26		.80		.52		1.61		1.55		1.60		1.11		.11		E 15.06	
ENNEBEC	.50	.03	.17	-.40	2.51	1.49	.79	-1.00	3.53	1.15	1.00	-2.11	1.32	-.32	1.62	-.46	2.85	1.40	1.59	.61	.40	-.27	.09	-.30	16.38	-.19
IRLEY 6 N	.28		.37		3.07		1.54		3.77		1.32		.56		1.20		2.29		2.22		.52		.31		17.45	
AKE SHARPE PROJECT	.74		E .09		1.14		1.56		4.20		.98		2.45		-		-		-		-		-		-	
IDLAND	.44		.15		2.37		1.48		3.05		.88		1.24		1.93		2.15		1.51		.75		.02		15.97	
URDO	.44	-.10	E .37	-.17	3.61	2.41	.80	-1.07	3.11	.37	.48	-2.78	1.34	.06	.71	-1.24	2.77	1.52	1.78	.74	1.38	.84	.37	.05	E 17.16	.63
AHE DAM	E .35		.05		1.48		.97		2.38		1.11		E .62		.80		1.69		1.48		.43		.11		E 11.47	
NIDA 4 NW	E .49		E .35		1.79		1.58		1.85		2.31		2.76		1.99		1.91		2.03		.75		E .34		E 18.35	
IERRE FAA AP	.47	.04	.16	-.51	1.64	.57	1.02	-.49	2.46	-.17	1.33	-1.84	.90	-.79	.81	-1.28	2.39	1.24	2.33	1.46	.44	-.10	.39	-.06	14.34	-1.93
TEPHAN 1 ENE	.37		.05		1.77		E 1.15		2.49		.95		2.88		.89		2.05		1.21		E .38		.05		E 14.24	
IVIAN	.62		.70		3.40		.69		3.62		.61		1.01		2.10		2.50		1.86		.62		.05		17.79	
DIVISION	.56	.14	.20	-.27	2.08	1.04	1.23	-.42	2.93	.39	1.05	-2.32	1.59	-.08	1.27	-.68	2.26	1.01	1.76	.81	.69	.15	.24	-.12	15.92	-.35
* * * EAST CENTRAL 07																										
RLINGTON	E .35	-.19	E .35	-.27	3.57	2.21	.76	-1.48	2.14	-.74	E 1.31	-2.59	2.29	-.09	2.40	-.48	2.73	.66	E 1.49	.15	E .63	-.01	E .65	-.07	E 18.87	-2.90
ROOKINGS 2 NE	.22	-.14	.37	-.10	1.77	.80	.72	-1.05	1.78	-1.01	1.22	-2.73	2.54	.39	1.54	-1.43	2.73	.70	2.45	1.22	.84	.14	.42	-.06	16.60	-3.26
RYANT 1 NE	.32		.59		2.04		.66		3.20		1.54		2.70		1.16		2.37		.91		1.09		.67		17.31	
ASTLEWOOD	.35	-.12	.42	-.07	1.37	.40	.88	-1.13	2.19	-.57	1.51	-2.58	2.10	-.60	2.33	-.45	1.94	-.01	.91	-.41	.87	.11	.78	.28	15.65	-5.15
LARK	.61		.39		1.44		1.29		1.53		1.12		2.89		1.00		2.04		.67		.93		.97		14.88	
LEAR LAKE	.22		.44		2.17		1.15		3.78		.47		1.35		2.74		1.99		1.40		.84		.77		17.32	
E SMET	.52		.63		1.90		E .80		E 3.41		1.21		2.77		2.43		2.72		1.12		.81		.87		E 19.19	
LANDREAU	.21	-.31	.30	-.43	2.25	1.00	1.11	-.89	1.95	1.06	1.63	-2.77	2.40	-.15	.89	-2.24	4.62	2.08	3.06	1.72	.66	-.26	.35	-.22	19.43	-3.53
ORESTBURG 3 NE //	1.02	.57	.57	-.01	2.93	1.57	1.61	-.71	1.91	-.79	1.55	-2.10	2.25	-.11	1.85	-.76	5.41	3.78	3.41	2.09	1.02	.22	.99	.33	24.52	4.08
ANN VALLEY	.40		.22		1.48		1.14		3.99		1.90		2.97		.61		4.17		1.16		.76		.29		19.09	
OWARD	.59	.12	.68	.10	2.47	1.27	1.36	-.88	2.16	-.74	1.60	-2.25	1.42	-.99	3.81	.98	5.36	3.19	2.28	1.08	1.23	.44	.59	.05	23.55	
URON WSO AP //R	.74	.26	.42	-.18	2.16	1.05	1.17	-.67	2.04	-.32	.82	-2.32	2.11	-.30	1.61	-.46	2.69	1.16	2.12	.97	.94	.26	.56	.00	17.38	
ROQUOIS	E .69		.50		2.02		.70		2.34		1.51		2.31		.92		2.75		1.45		1.05		.57		E 16.81	
A DELLE 7 NE	-		-		-		-		E 1.74	-.71	.97	-2.81	E 2.66	.05	-		-		-		-		-		-	
ADISON RESEARCH FARM	.60		.87		2.76		1.38		2.40		1.25		1.88		2.62		4.12		3.25		.86		1.05		23.04	
ILLER	.57	.05	.29	-.23	1.86	.83	1.02	-1.17	3.34	.84	.89	-2.90	2.10	-.02	1.12	-.97	1.99	.62	1.12	-.19	.58	-.08	.55	.08	15.43	-
AYMOND 3 NE	.26		.23		1.19		1.44		1.31		1.19		1.94		.70		E 3.23		1.19		.46		.54		E 13.68	
EDFIELD	.52	.05	.27	-.24	1.37	.49	1.06	-.79	2.46	.12	1.35	-2.37	2.15	.08	1.01	-1.04	2.01	.65	1.18	-.08	.59	-.01	.52	.06	14.49	-
EDFIELD 6 E	E .45		.36		1.33		1.05		1.96		1.57		1.61		1.15		2.27		2.52		.70		.30		E 15.27	
CKHAM	.56		.03		1.77		.76		2.03		1.07		1.45		1.12		2.74		1.08		.55		.16		13.32	
ULARE	.42		.30		1.67		1.09		2.64		1.48		2.51		1.29		1.89		1.51		.71		.75		16.26	
TERTOWN FAA AP //R	.34	-.16	.44	-.15	2.29	1.30	1.14	-.92	2.87	.00	1.00	-2.70	2.05	-.62	1.27	-1.51	3.81	1.98	1.39	.18	.77	-.04	.77	.26	18.14	-
NTWORTH 2 WNW	.58	.06	.77	.12	3.11	1.73	1.51	-.66	1.43	-1.71	1.34	-2.71	1.32	-1.46	1.85	-1.50	5.05	2.72	2.59	1.22	.65	-.31	.86	.25	21.06	-
SSINGTON 5 S	.48		.34		1.53		1.38		2.58		1.31		2.03		1.55		2.40		1.55		.84		.44		16.43	
SSINGTON SPRINGS	.77		.34		2.90		1.16		3.40		.74		2.71		1.62		4.35		1.53		.85		.40		20.77	
SSINGTON SPRGS 8 SW	.72		.57		2.75		1.50		4.04		1.35		2.67		.69		3.71		1.03		.98		.24		20.25	
LSEY	.63		.41		1.45		1.14		3.20		1.12		2.65		1.68		3.07		1.77		.92		.43		18.47	
DIVISION	.81	.03	.46	-.10	2.09	.98	1.15	-.88	2.46	-.27	1.23	-2.66	2.18	-.27	1.73	-.95	3.37	1.51	1.89	.61	.82	.06	.65	.12	18.54	-
							57%				32%				64%										92	
* * * SOUTH CENTRAL 08																										
ADEMY	.88	.38	.70	.03	3.97	2.73	1.15	-1.22	4.16	1.05	1.48	-2.39	2.23	-.03	.83	-1.68	4.83	3.30	1.71	.47	1.73	1.00	.38	-.05	24.05	1
DAR BUTTE	.25		.11		2.70		2.17		4.06		.81		1.98		1.99		4.14		1.50		.92		.13		20.76	
EGORY	1.11	.62	.54	-.21	4.00	2.59	E 1.47	-.96	5.10	2.01	2.68	-1.40	3.39	1.18	2.27	-.19	5.09	3.44	1.42	.14	1.27	.35	.54	-.02	E 28.88	
RRINGTON	.65		.27		3.37		1.64		3.96		.87		1.57		1.22		4.21		1.59		.76		.24		20.35	
SSION	.59		.18		2.39		1.85		5.13		.75		2.27		2.54		4.73		1.89		1.30		.16		23.78	
SSION 14 SSE	.55		.27		2.41		2.15		4.24		.73		3.78		1.62		4.23		1.35		.96		.15		22.44	
WELA	.36		T		3.14		1.32		5.20		2.95		4.67		1.40		6.59		1.85		1.22		.12		28.82	
NNER	.89	.43	.42	-.16	2.75	1.49	2.36	.21	4.20	1.44	1.72	-1.91	2.97	.95	3.28	.71	5.62	4.18	1.88	.77	1.08	.39	.24	-.18	27.41	8
OD	.70	.14	.41	-.26	2.06	.72	1.52	-.39	4.53	1.56	1.58	-1.88	1.97	-.08	2.65	.87	4.44	3.02	1.50	.43	1.27	.56	.20	-.21	22.83	4
DIVISION	.70	.21	.36	-.30	2.96	1.65	1.79	-.41	4.42	1.44	1.33	-2.38	2.82	.41	2.05	-.30	4.66	3.17	1.61	.45	1.16	.43	.26	-.19	23.82	4
* * * SOUTHEAST 09																										
EXANDRIA	.91	.53	.37	-.22	2.72	1.51	1.68	-.51	2.18	-.68	1.56	-2.11	1.62	-.71	1.41	-1.25	4.26	2.21	2.08	.82	1.05	.32	.55	.10	20.39	
OUR	1.07	.58	.55	-.15	4.87	3.45	2.18	.06	4.16	1.36	1.93	-2.00	2.16	.09	1.45	-1.70	5.35	3.41	2.43	1.20	.76	-.07	.80	.26	27.71	6
ESTEEL	.74	.21	.34	-.46	4.68	2.99	2.13	-.31	5.95	2.42	2.20	-1.46	3.22	.87	4.68	1.79	5.61	3.63	1.65	.26	1.36	.52	.41	-.08	32.98	10
IDGEWATER	.59		.49		3.70		1.12		1.69		1.06		1.87		1.49		4.82		3.15		1.19		.72		21.89	
ISTOTA 2 N	.40	-.16	.39	-.41	3.71	2.22	1.63	-.42	2.23	-.83	1.03	-3.13	2.56	-.07	1.38	-1.92	5.39	3.00	2.07	1.40	1.10	.23	.57	-.03	23.06	-
TON 4 WNW	.22		.20		2.97		2.29		2.00		1.88		3.26		2.33		5.89		1.24		1.08		.61		23.97	
TERVILLE 6 SE	.49		.46		3.33		1.87		2.09		2.25		3.56		.74		4.66		1.18		1.54		.71		22.88	
ION	.79	.27	.62	-.24	4.95	3.36	1.63	-.52	2.19	-1.21	3.04	-1.13	2.22	-.56	1.10	-1.78	3.83	1.55	E 2.37	.91	.95	.02	1.00	.37	E 24.69	1
INO	1.29	.68	.45	-.41	4.14	2.62	1.75	-.40	2.59	-.79	2.36	-1.70	1.46	-.93	.91	-2.11	6.50	4.47	2.71	1.40	1.62	.72	.80	.18	26.58	3
CHELL 2 SW	1.02	.59	.54	-.07	2.32	.93	1.30	-.94	3.09	.18	1.17	-2.31	3.50	1.23	1.75	-1.07	E 4.65	2.53	E 1.52	.22	1.17	.40	.66	-.16	E 22.69	1

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
HILLAND 4 NNW	.09	-.36	.23	-.26	.62	-.22	2.78	.85	3.63	.91	.70	-3.19	2.16	-.06	2.25	.57	.82	-.47	.82	-.09	.40	-.05	.16	-.26	14.66	-2.03
INTERIOR 3 NE	T		.04		.31		2.39		1.29		1.19		1.12		2.27		.60		.32		.11		.00		10.64	
KADOKA	.08		.24		.62		4.87		1.98		1.98		1.38		2.87		.54		.79		.09		.09		15.74	
KYLE	.06		.03		.30		2.87		2.65		.92		1.36		1.73		.70		.82		.32		.23		12.33	
LONG VALLEY	.11	-.25	.15	-.31	.42	-.55	2.62	.58	.79	-2.26	.80	-3.19	1.05	-.83	1.25	-.89	.32	-.96	.54	-.50	.18	-.27	.07	-.20	8.30	-9.03
MANDERSON 1 SE	.48	E	.15		.51		3.32		.61		2.51		.95		1.73		.87		.91		.30		.34		12.66	
MARTIN	.14	-.15	.06	-.33	.22	-.45	4.49	2.84	2.12	-.83	.72	-3.16	.70	1.76	2.07	-.01	.69	-.73	.74	-.30	.32	-.03	.08	-.21	12.35	-5.14
OELRICHS	.60	.22	.27	-.19	.21	-.72	2.25	-.40	.75	-2.40	.99	-2.26	1.54	-.84	5.19	3.91	1.14	-.13	1.04	-.83	.22	-.27	.06	-.35	14.86	1.81
ORAL	.44		.08		.15		2.07		.62		1.69		.67		2.86	E	1.28		2.15		.27		.03		12.08	
PHILIP	.08	-.20	.17	-.14	.59	-.08	3.08	1.58	3.06	.38	.72	-3.07	3.17	1.46	1.82	.20	.30	-.88	.73	-.05	.08	-.26	.06	-.24	13.84	1.28
PINE RIDGE	-		.20	-.26	.47	-.50	-		-		-		-		-		-		-		-		-		-	
PORCUPINE 16 NW	.50		.15		.22		1.81		.41		.91		3.17		1.11		.67		1.10		.05		.03		10.13	
RAPID CITY WSO AP //R	.10	-.31	.20	-.27	.34	-.65	1.35	-.36	1.32	-1.49	1.10	-2.57	.68	-1.42	1.37	-.10	.88	-.34	1.18	-.32	.12	-.36	.12	-.27	9.12	-8.00
RAPID CITY	.23	-.26	.26	-.31	.35	-.69	1.34	-.94	1.93	-1.20	1.50	-2.56	3.03	.83	2.82	1.01	.93	-.29	1.63	.73	.20	-.30	.09	-.31	14.33	4.29
SCENIC	.20		.31	E	.28	E	2.17		1.84		.35		.66		1.01		.59		1.36		.08		T		8.87	
WASTA	.10		.17		.30		2.64		1.75		.23		3.22		1.10		.59		.94		.10		.01		11.15	
DIVISION	.22	-.16	.21	-.25	.38	-.45	2.75	.88	1.65	-1.39	1.02	-2.66	1.70	-.41	2.02	.41	.78	-.47	1.11	.21	.19	-.27	.09	-.27	12.12	-4.83
* * * CENTRAL 06																										
BLUNT	.05		.22		.92		2.33		4.21		1.71		2.41		.73		.26		.51		.27		.14		13.76	
CHAMBERLAIN	T		.12		1.00		2.92		3.58		1.85		1.42		.88		.36		.38		.10		.16		12.17	
FORT PIERRE 17 WSW	.03		.06	E	.80		2.85		4.34		.29		1.11		1.03		.40		.88		.05		.11		12.01	
FORT SULLY 8 NE	T		T	E	.52		1.41		2.21		.00		.75		.47		.11		.36		.28	E	.04	W	6.82	
HARROLD 12 SSW	.04		.24		.62		2.73		4.22		.48		1.08		.86		.29		.58	E	.02	E	.06	W	11.41	
HAYES 3 ESE	.03		.18		1.00		2.37		4.03		1.43		3.46		.62		.28		.86		.07		.09		14.43	
HIGHMORE 1 W	.05	-.26	.28	-.25	.83	.01	2.44	.57	6.70	4.15	1.27	-2.70	1.29	1.25	.36	1.99	.42	-1.19	.40	-.85	.17	-.38	.32	-.08	14.57	4.22
HIGHMORE 23 NNW	.10		.30		.73		2.80		4.11		.62		1.47		.33		.12		.36		.28		.14		11.36	
HOPEWELL 1 SE	T		.16		.71		2.68		3.97		1.05		2.38		1.21		.29		.70		.03		.15		13.23	
KENNEBEC	.03	-.30	.00	-.47	.90	.07	3.14	1.22	4.55	1.86	1.74	-1.79	3.82	1.57	.44	-1.90	.36	-1.16	.61	-.42	.03	-.60	.03	-.34	15.51	2.26
KIRLEY 6 N	.02	-.45	.17	-.34	.51	-.35	2.10	.40	2.90	.32	.95	-2.52	3.00	1.41	1.68	-.05	.61	-.81	.89	.03	.11	-.31	.13	-.25	13.14	-2.87
LAKE SHARPE PROJECT	.02		T		.18		2.15		4.32		1.76		1.87		1.02		.32	E	.54		.02		T	E	12.20	
MIDLAND	.02		.12		.84		2.09		2.54		.85		1.01		2.11		.55		.88		.11		.10		11.28	
MURDO	T	-.37	.12	-.35	.73	-.16	3.17	1.21	2.24	-.58	.90	-2.88	1.89	-.10	1.48	-.53	.51	-.84	.82	-.25	.33	-.17	.12	-.24	12.38	-5.06
OAHE DAM	T		.08		.71		1.77		2.54		.55		.60		.43		.40		.80		.05		.04		8.03	
ONIDA 4 NW	.05		.14	E	.72		2.16		3.38		.57		1.64		1.11		.50		.67		.30		.05		11.29	
PIERRE FAA AP	.05	-.40	.16	-.52	.77	-.09	2.27	.57	3.25	2.41	.57	-3.26	1.34	-.84	.81	-1.35	.24	-1.14	.74	-.21	.04	-.47	.05	-.45	12.36	-5.75
STEPHAN 1 ENE	T		.19	E	.60	E	2.17		4.17		1.78		1.55		.26		.20		.63		T	E	.07	E	11.75	
VIVIAN	T	-.32	.15	-.40	.72	-.16	2.06	.16	2.54	-.41	1.56	-2.12	3.07	1.12	1.12	1.04	.30	-1.05	1.14	.25	.07	-.48	.07	-.30	12.85	-4.76
DIVISION	.02	-.32	.14	-.38	.71	-.11	2.34	.53	3.71	.94	1.08	-2.63	1.75	-.27	.91	-1.19	.35	-1.11	.66	-.38	.12	-.38	.10	-.26	11.89	-5.54
* * * EAST CENTRAL 07																										
ARLINGTON 2 S	-		-		-		-		-		-		2.63	-.39	2.27	-.41	.18	-2.17	.36	-1.28	.11	-.71	.31	-.27	-	
BROOKINGS 2 NE	T	-.30	.79	.28	.64	.26	1.44	-.61	4.48	1.26	1.97	-3.01	1.98	.88	2.97	.11	.09	-3.15	.42	-1.05	.14	-.52	.18	-.29	14.66	-7.48
BRYANT 1 NE	.04		.97		.98		1.84		4.80		1.98		1.63		2.88		.24		.46		.15		.20		16.17	
CASTLEWOOD	T	-.45	1.09	.49	.95	.00	1.15	-.90	4.62	1.56	1.79	-2.44	1.38	1.85	2.60	.12	.73	-1.39	.52	-1.12	.18	-.60	.40	-.18	13.41	-6.76
CLARK	.10	-.30	.81	.17	1.38	.45	1.10	-.98	3.53	-.57	2.07	-1.74	1.90	1.66	1.66	-.98	.26	-1.79	.39	-1.19	.77	.02	.23	-.34	13.83	-7.89
CLEAR LAKE	T	-.54	1.20	.52	1.07	.14	1.75	-.59	4.39	1.29	2.90	-1.30	1.50	2.02	3.07	.20	.66	-1.66	.83	-.70	.50	-.45	.14	-.52	18.07	-5.93
DE SMET	T	-.58	1.12	.47	1.39	.25	.79	-1.52	4.24	1.05	2.18	-2.52	1.83	1.18	2.97	.35	.05	-2.04	E .29	-1.40	.08	-.82	.12	-.58	E 15.14	-8.47
FLANDREAU	T	-.43	.40	-.31	.84	-.30	1.51	-.70	5.17	1.88	1.28	-3.21	2.11	.88	3.50	.80	.23	-2.45	1.68	-.11	.12	-.66	.07	-.43	16.96	-6.38
FORESTBURG 3 NE //	.06	-.44	.72	.05	1.42	.22	1.02	-1.29	4.03	1.01	3.19	-.52	2.03	.94	.61	-1.91	.18	-1.70	.37	-1.42	.17	-.63	.09	-.54	13.90	-8.11
GANN VALLEY	.01	-.31	.17	-.28	.99	.13	1.79	-.01	4.17	1.44	2.31	-1.32	2.04	.50	.28	-2.24	.29	-1.41	.62	-.71	.01	-.48	.03	-.29	12.73	-5.98
HOWARD	.02	-.37	.73	.13	1.56	.46	1.00	-1.41	4.16	1.01	1.79	-2.38	1.89	.96	1.56	.94	.11	-2.20	.40	-1.12	.17	-.59	.21	-.32	13.58	-8.71
HURON WSO AP //R	.10	-.32	.68	.07	1.62	.55	1.07	-.89	4.26	1.51	2.00	-1.76	1.29	.94	1.26	.72	.13	-1.63	.49	-1.04	.08	-.59	.03	-.50	13.03	-6.41
IROQUOIS	T	-.33	1.21		1.38		4.39		3.22				1.24		1.80		.12		.46		.08		.09	E	14.38	
LA DELLE 7 NE	-		-		-		-		-		-		-		.27		.10		-		-		-		-	
MADISON RESEARCH FARM	.07		.68		1.71		1.32		4.47		3.15		1.42		4.10		.21		.31		.31		.29		18.04	
MILLER	.02	-.45	.25	-.34	.88	-.01	2.08	-.18	4.93	2.08	1.61	-2.37	1.14	-1.28	.51	-1.75	.30	-1.35	.44	-1.04	.22	-.43	.03	-.42	12.39	-7.54
RAYMOND 3 NE	T	-.43	.76	.27	.93	.18	1.22	-.60	3.85	1.31	1.31	-2.03	1.66	1.47	1.21	-1.09	.05	-1.74	.33	-1.15	1.11	.49	T	-.42	12.66	-6.88
REDFIELD	T	-.35	.25	-.34	1.38	.62	1.05	-.38	5.33	2.47	1.39	-2.59	1.58	.91	1.37	.57	T	-1.91	.40	-.99	.10	-.49	T	-.39	12.43	-5.40
REDFIELD 6 E	T		.37		1.04		1.52		4.88		1.22		2.68		.91		.00	E	.24		T		T	E	12.99	
ROCKHAM	.02		.09		.74		1.75		4.41		1.10		1.27		1.33		T		.43		.03		T		11.17	
TULARE	.02		.48		1.06		1.77		5.77		2.17		1.44		1.11		.03		.40		.07		.00		14.32	
WATERTOWN FAA AP //R	.10	-.38	.74	.06	1.43	.46	1.22	-.90	3.37	.18	1.45	-2.30	2.08	-1.08	3.70	1.13	.22	-1.68	.91	-.56	.83	.04	.15	-.30	16.21	-5.61
WENTWORTH 2 WNW	.05	-.42	.99	.24	1.87	.52	1.40	-.99	3.97	.68	2.50	-1.83	1.31	-1.95	6.81	3.90	.24	-2.19	.70	-.94	.29	-.60	.20	-.43	20.33	-4.01
WESSINGTON 5 S	T		.53		1.17		2.12		3.58		1.83		1.46		.51		.18		.41		.06		.09		11.92	
WESSINGTON SPRINGS	.01		.57		2.00		2.18		3.64		3.19		1.96		.45		.15		.42		.08		.08		16.76	
WESSINGTON SPRGS 8 SW	T	-.70	.45	-.47	1.52	-.07	2.05	-.19	4.87	1.83	3.74	-.13	2.25	-.30	.23	-2.13	.33	-1.37	.41	-1.11	.04	-.80	.03	-.69	15.92	-6.13
WOLSEY	.02		.67		.97		1.75		3.52		2.24		1.45		.91		.17		.43		.10		.05		14.29	
DIVISION	.03	-.40	.68	.02	1.30	.27	1.41	-.76	4.45	1.39	2.09	-2.02	1.75	-1.17	2.14	-.41	.22	-1.81	.57	-1.00	.24	-.51	.13	-.41	15.01	-6.80
* * * SOUTH CENTRAL 08																										
ACADEMY	.07	-.45	.47	-.20	1.20	.00	3.34	.90	3.62	.37	4.25	.03	1.31	-1.20	.88	-1.67	.59	-1.30	.47	-.88	.22	-.52	.10	-.38	16.55	-5.36
CEDAR BUTTE	T		.16		.68		1.84		1.95		.84		2.32		.79		.81		.44		.20		.03		10.06	
GREGORY	.21	-.30	.40	-.41	1.10	-.29	2.60	.00	2.58	-.47	4.20	-.20	2.17	-.28	.35	2.07	.70	-1.32	.48	-.98	.18	-.78	.12	-.55	15.15	-7.85
HARRINGTON	.17		.13		.52		2.80		1.75		1.60		3.27		1.48		.52		.63		.52		.05		13.44	
MISSION	.08		.16		.78		2.17		2.21		1.84		1.88		.73		.47		.34		T		.07		10.73	
MISSION 14 SSE	.04		.21		.94		2.04		2.52		1.60		1.32		2.40		.42		.81		.05		T		12.36	
WEWELA	.06		.15		.78		2.39		3.01		4.70	E	.57		1.54		.69		.48		T		.06	E	14.43	
WINNER	.14	-.31	.34	-.24	1.11	-.01	3.04	.68	2.99	-.02	1.97	-2.27	1.80	-.76	.47	-2.26	.89	-.93	.34	-.68	.18	-.55	.22	-.20	13.69	-7.61
WOOD	.07	-.42	.19	-.47	.82	-.35	2.11	-.09	2.42	-.87	1.33	-2.65	2.41	-.04	.46	-1.65	.44	-1.16	.30	-.94	.15	-.53	.05	-.49	10.79	-9.81
DIVISION	.10	-.34	.26	-.38	.90	-.26	2.50	.24	2.51	-.60	2.21	-1.99	2.06	-.36	.95	-1.47	.61	-1.13	.50	-.77	.19	-.52	.08	-.40	12.87	-7.98
* * * SOUTHEAST 09																										
ALEXANDRIA	.03	-.31	.55	-.03	1.02	-.12	.94	-1.43	3.29	-.37	3.12	-.96	1.27	-1.64	1.08	-1.48	.28	-1.97	.44	-1.08	.09	-.59	.12	-.38	12.23	-9.80
ARMOUR	.34	-.14	.06	-.70	1.11	-.22	-		-		-		3.50	-.81	1.56	-1.19	.47	-1.80	.28	-1.18	.21	-.59	.10	-.51	-	
BONESTEEL	.05	-.42	.57	-.26	.90	-.83	2.17	-.51	2.51	-1.19	4.47	-.08	1.50	-1.09	1.70	-1.23	.51	-1.79	.42	-1.20	.30	-.57	.10	-.39	15.20	-9.36
BRIDGEWATER	.10		.30		1.12		.78		3.34		2.33		1.58		2.72		.37		.45		.06		.32		13.47	
CANISTOTA 2 N	.06	-.41	.32	-.51	1.17	-.14	.97	-1.12	3.79	-.69	3.06	-1.32	3.42	.24	3.18	.32	.13	-2.33	.30	-1.21	.20	-.61	.23	-.37	16.89	-6.77
CANTON 4 WNW	.06	-.47	.03	-1.04	.62	-.77	.66	-1.69	2.99	-.18	3.12	-1.33	.90	-1.94	4.35	1.05	.97	-1.81	.45	-1.11	.22	-.64	.09	-.72	14.49	-10.65
CENTERVILLE 6 SE	.20	-.30	.04	-1.14	.96	-.41	.85	-1.77	3.87	-.39	3.18	-1.60	1.76	-1.35	2.46	-.58	.94	-1.74	1.04	-.61	.18	-.76	.04	-.58	15.24	-10.45
MARION	.15	-.34	.47	-.46	1.10	-.34	1.11	-1.21	3.08	-.38	2.91	-1.88	1.31	-1.90	2.07	-.58	.44	-2.22	.59	-1.08	.19	-.66	.24	-.45	13.26	-11.48

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1975

STATION	JANUARY Precip.	JANUARY Departure	FEBRUARY Precip.	FEBRUARY Departure	MARCH Precip.	MARCH Departure	APRIL Precip.	APRIL Departure	MAY Precip.	MAY Departure	JUNE Precip.	JUNE Departure	JULY Precip.	JULY Departure	AUGUST Precip.	AUGUST Departure	SEPTEMBER Precip.	SEPTEMBER Departure	OCTOBER Precip.	OCTOBER Departure	NOVEMBER Precip.	NOVEMBER Departure	DECEMBER Precip.	DECEMBER Departure	ANNUAL Precip.	ANNUAL Departure
LONG VALLEY	.67	.31	.33	-.12	2.99	2.02	3.46	1.42	1.46	-1.59	3.08	-.91	4.14	2.26	2.38	.24	.16	-1.12	.59	-.45	.20	-.25	.63	.36	20.09	2.16
MANDERSON 1 SE	.71		.57		1.21		2.33		1.24		5.28		.20		4.16		.09		1.31		.35		1.01		18.46	
MARTIN	.57	.28	.29	-.12	1.53	.86	3.51	1.86	.93	-2.02	3.88	.00	.99	-1.47	1.49	-.59	.51	-.91	.50	-.54	.48	.13	.38	.09	15.06	-2.43
OELRICHS	.56	.18	.64	.18	1.52	.58	2.31	.46	2.08	-1.07	3.43	.18	.45	-1.93	.86	-.42	.15	-1.12	1.01	.20	.21	-.28	.94	.33	14.16	-2.51
ORAL	.51		.47		.95		1.00		1.71		4.75		.97		.28		.03		.33		.35		.79		12.14	
PHILIP	1.12	.84	.62	.31	1.85	1.20	1.30	-.20	1.87	-.81	3.40	-.39	1.26	-.45	1.00	-.62	E .10	-1.08	.28	-.50	.30	-.02	.29	-.01	E 13.39	-1.73
PORCUPINE 16 NW	.58		.46		1.10		2.42		.92		4.10		.85		.84		.09		.48		.26		.53		12.63	
RAPID CITY WSO AP //R	1.05	.58	.35	-.22	2.45	1.46	1.37	-.72	1.23	-1.58	5.63	1.96	1.57	-.53	.87	-.60	.03	-1.19	.69	-.17	.57	.09	1.65	1.26	17.46	.34
RAPID CITY	.79	.30	.24	-.33	2.04	1.00	2.09	-.19	2.03	-1.12	6.35	2.29	1.68	-.52	1.74	-.07	.06	-1.16	.50	-.40	.62	.12	.89	.49	19.03	.41
SCENIC	.69		1.10		2.88		1.10		.75		3.50		.90		.53		T		.42		.37		.45		12.89	
STURGIS 21 E	1.87		E .34		E 1.22		3.64		-		-		-		-		-		-		-		-		-	
WASTA	1.20		.49		2.37		2.97		1.08		4.44		.83		.38		.00		.76		.37		1.05		15.94	
DIVISION	.98	.60	.43	-.03	1.80	.97	2.42	.55	1.44	-1.60	4.07	.39	1.30	-.81	1.12	-.49	.10	-1.15	.56	-.34	.36	-.10	.74	.38	15.32	-1.63
* * * CENTRAL 06																										
BLUNT	1.37		.21		4.19		1.74		1.18		4.00		1.71		2.19		1.79		.96		.11		E .33		E 19.78	
CHAMBERLAIN	.66		.10		2.00		.68		2.86		5.01		2.10		2.30		2.35		.97		.61		.18		19.84	
FORT PIERRE 17 WSW	.29		.05		1.08		.91		1.04		2.16		1.04		2.05		.81		.73		.05		.48		10.69	
FORT SULLY 8 NE	.66		T		2.59		1.76		2.86		2.58		2.59		1.55		.87		.67		T		.45		16.58	
HARROLD 12 SSW	-		-		-		-		-		-		E 1.28		2.59		.49		1.20		.09		.20		-	
HAYES 5 ESE	1.20		.40		E 2.74		2.05		1.68		2.69		1.47		1.11		.25		.63		.12		.76		E 15.10	
HIGHMORE 1 W	1.45	1.14	.31	-.22	3.45	2.61	2.67	.78	2.00	-.55	3.94	-.03	1.30	-1.24	2.35	.00	.49	-1.12	1.05	-.20	.30	-.25	.08	-.32	19.39	.60
HIGHMORE 23 NNW	1.30		.45		2.94		1.13		3.33		3.45		1.13		2.04		1.25		1.16		.53		.49		19.20	
HOPEWELL 1 SE	.47		.08		2.82		1.92		2.47		2.91		2.28		.48		.38		.45		.10		.48		14.84	
KENNEBEC	.52	.19	.02	-.51	2.03	1.20	1.31	-.61	.94	-1.75	3.69	.16	2.31	.26	3.19	.85	.80	-.66	.68	-.35	.02	-.61	.28	-.09	15.85	-1.92
KIRLEY 6 N	.60	.12	.38	-.13	2.85	1.99	1.75	.11	2.20	-.44	2.49	-.99	3.39	1.80	.23	-1.50	.41	-1.01	.47	-.39	.20	-.22	.70	.32	15.67	-.34
LAKE SHARPE PROJECT	1.30		E .10		E 2.25		2.12		2.93		4.64		E 1.75		E 2.43		E 1.38		-		-		-		-	
MIDLAND	1.47		.27		2.25		1.99		1.40		2.97		1.07		1.02		.09		.86		.16		.38		13.93	
MURDO	1.44	1.07	E .02	-.45	E 3.09	2.20	E 1.68	-.28	1.28	-1.54	5.46	1.62	2.85	1.06	3.27	1.26	.22	-1.13	.89	-.19	T	-.50	.74	.38	E 20.94	3.80
OAHE DAM	.53		.09		1.36		2.22		2.09		3.15		1.41		1.57		1.95		.61		T		.39		15.37	
ONIDA 4 NW	E 1.14		.05		3.51		1.93		1.90		3.69		1.49		2.28		1.51		.74		E .20		E .80		E 19.24	
PIERRE FAA AP	1.37	.92	.28	-.42	1.49	.63	3.34	1.64	2.99	.15	5.90	2.07	1.68	-.50	2.27	-.11	4.44	3.01	1.76	.81	.10	-.41	.46	-.04	26.08	7.97
PRESHO 5 NW	-		-		-		-		-		-		-		-		-		1.08		.02		.27		-	
STEPHAN 1 ENE	.66		.18		E 3.84		1.86		1.34		3.09		.86		2.01		.93		1.07		T		E .68		E 16.52	
VIVIAN	.71	.38	.02	-.53	2.97	2.06	2.06	.16	.63	-2.32	4.38	.08	2.60	.65	4.02	1.86	-		-		-		-		-	
DIVISION	.95	.60	.16	-.36	2.63	1.81	1.89	.08	2.08	-.69	3.82	.11	1.88	-.14	2.10	.00	1.17	-.29	.91	-.10	.16	-.34	.44	.08	18.19	.76
* * * EAST CENTRAL 07																										
ARLINGTON 2 S	E 1.73	1.27	.22	-.46	E 2.01	.90	-		-		-		-		-		-		-		-		-		-	
BROOKINGS 2 NE	1.15	.79	.13	-.38	E 1.94	1.04	2.88	.83	1.25	-1.95	3.91	-.67	.77	-2.07	4.64	1.78	4.01	1.77	.48	-.99	2.04	1.38	.10	-.37	E 23.30	1.16
BRYANT 1 NE	2.00		.19		2.41		3.09		1.96		4.55		.24		4.57		1.74		1.05		.81		.05		22.66	
CASTLEWOOD	1.87	1.42	.29	-.31	2.21	1.26	3.76	1.71	1.57	-1.49	3.88	-.35	2.41	-.82	4.35	1.87	1.65	-.47	1.21	-.43	1.32	.54	.17	-.41	24.69	2.52
CLARK	1.78	1.32	.41	-.23	2.36	1.43	3.10	1.02	2.05	-.91	4.53	.72	.51	-2.65	4.47	1.83	1.70	-.38	1.44	-.14	.46	-.29	.28	-.29	23.09	1.43
CLEAR LAKE	1.93	1.39	.32	-.36	4.21	3.00	4.50	2.16	1.13	-1.97	4.70	.50	1.83	-1.75	3.99	1.12	1.81	-.53	.81	-.72	.92	-.03	.19	-.47	26.34	2.34
DE SMET	2.22	1.64	.23	-.42	E 3.29	2.15	2.72	.41	1.74	-1.45	4.34	-.34	.13	-2.88	5.16	2.54	1.87	-.22	.89	-.90	1.68	.78	.15	-.50	E 24.42	.81
FLANDREAU	.98	.55	.13	-.64	1.79	.66	2.62	.41	1.83	-1.46	4.44	-.05	1.90	-1.09	3.73	1.03	2.71	.03	.36	-1.21	1.09	.31	.14	-.36	21.72	-1.82
FORESTBURG 3 NE //	1.38	.88	.18	-.49	2.61	1.40	1.69	-.62	1.77	-1.25	5.48	1.77	.44	-2.53	3.60	1.08	2.10	.22	.65	-1.14	1.12	.32	.03	-.60	21.05	-.96
GANN VALLEY	.55	.23	.12	-.33	1.14	.28	1.54	-.26	1.62	-1.11	4.99	1.36	.58	-1.96	2.10	-.42	1.47	-.23	.94	-.39	.18	-.31	.05	-.29	15.28	-3.43
HOWARD	1.32	.93	.18	-.42	2.04	.94	1.59	-.82	2.05	-1.10	3.91	-.26	.50	-2.35	3.74	1.24	2.33	.02	.73	-.79	.90	.14	.13	-.40	19.42	-2.87
HURON WSO AP //R	1.93	1.50	.21	-.54	2.71	1.64	3.31	1.35	1.98	-.77	3.44	-.32	.46	-1.77	2.50	.52	.82	-.96	.81	-.72	.15	-.52	.06	-.47	18.30	-1.06
IROQUOIS	E 2.05		E .22		1.90		2.40		1.71		3.50		.15		2.80		1.54		.74		.58		.03		E 17.62	
MADISON RESEARCH FARM	1.60		.31		2.89		2.03		3.12		5.22		1.55		7.00		2.12		.52		1.81		.25		28.42	
MILLER	1.46	.99	.44	-.15	2.63	1.76	2.57	.31	1.83	-1.02	4.08	.10	.36	-2.06	2.14	-.12	.43	-1.22	1.27	-.21	.10	-.55	.07	-.38	17.38	-2.85
RAYMOND 3 NE	1.52	1.09	.22	-.27	1.81	1.04	2.96	1.13	1.23	-1.31	2.06	-1.48	.22	-2.91	3.22	.92	.91	-.88	1.54	.06	.13	-.49	.09	-.33	15.91	-3.43
REDFIELD	1.04	.69	.32	-.27	2.51	1.78	3.19	1.18	2.62	-.24	3.75	-.23	.03	-2.46	1.78	-.16	.50	-1.01	1.32	-.07	.16	-.43	.18	-.21	17.40	-1.43
REDFIELD 6 E	E 1.11		.09		3.25		4.37		2.29		E 4.71		T		1.97		.61		1.15		E .11		.07		E 19.73	
ROCKHAM	.66		.21		.87		2.66		1.96		4.40		.41		1.59		.38		1.06		.05		.12		14.37	
TULARE	1.95		.45		E 1.87		4.00		2.46		4.13		.39		1.38		.72		1.65		E .13		E .11		E 19.24	
WATERTOWN FAA AP //R	2.06	1.58	.32	-.36	2.89	1.90	4.15	2.03	2.18	-1.01	4.76	1.01	1.25	-1.92	2.89	.32	2.28	.38	1.64	.19	1.59	.72	.11	-.54	26.12	4.30
WENTWORTH 2 WNW	1.55	1.07	.21	-.54	2.28	.94	2.23	-.16	2.15	-1.14	4.52	.19	1.57	-1.69	6.97	4.06	2.04	-.39	.20	-1.44	1.54	.65	.20	-.43	25.46	1.12
WESSINGTON 5 S	1.41		.07		2.75		2.55		1.72		5.40		.30		1.65		1.12		1.32		.08		.04		18.41	
WESSINGTON SPRINGS	.93		.09		2.32		2.54		.96		4.20		.32		2.78		1.89		1.09		.43		.11		17.66	
WESSINGTON SPRGS 8 SW	.59	-.11	.13	-.79	2.55	.96	2.76	.54	.96	-2.08	3.07	-.80	.60	-1.95	2.22	-.14	1.79	.09	.99	-.53	.87	.03	.17	-.55	16.72	-5.33
WOLSEY	1.62		.27		2.24		2.73		1.31		3.57		E .38		E 1.84		E .97		E 1.07		.17		.03		E 16.20	
DIVISION	1.46	1.03	.23	-.42	2.53	1.50	2.87	.70	1.89	-1.17	4.40	.29	.86	-2.06	3.75	1.20	1.78	-.25	.91	-.66	.92	.17	.13	-.41	21.73	-.08
* * * SOUTH CENTRAL 08																										
ACADEMY	.86	.34	.18	-.49	2.19	.99	1.38	-1.06	.79	-2.46	5.39	1.14	1.01	-1.56	.53	-2.02	1.28	-.61	1.01	-.34	.80	.06	.10	-.38	15.52	-6.39
CEDAR BUTTE	.82		E .32		E 1.96		1.31		1.49		4.14		2.07		2.70		.09		.61		.14		.43		E 16.08	
GREGORY	E .97	.46	.20	-.61	2.75	1.36	1.21	-1.45	1.93	-1.12	5.97	1.57	1.18	-1.27	1.71	-.71	.15	-1.87	1.00	-.46	.88	-.08	.30	-.37	E 18.25	-4.55
HARRINGTON	.52		.40		1.69		2.74		1.54		3.36		1.54		.95		.02		1.14		.44		.45		14.79	
MISSION	.42		.10		1.28		1.07		1.43		3.31		1.60		2.01		.54		1.38		.31		.52		13.97	
MISSION 14 SSE	.70		.18		2.17		.55		2.28		3.99		1.95		1.03		.48		.48		.95		.29		15.05	
WEWELA	1.22		.36		3.36		2.25		2.28		4.83		5.32		2.70		.08		.97		1.50		.32		25.19	
WINNER	1.09	.64	.18	-.40	2.47	1.35	1.60	-.76	2.02	-.99	4.72	.48	2.31	-.25	1.22	-1.51	.45	-1.37	1.30	.08	1.03	.30	.53	.05	18.92	-2.38
WOOD	.90	.40	.16	-.50	2.18	1.00	1.09	-1.11	2.34	-.96	2.64	-1.36	1.32	-1.13	1.99	-.12	1.48	-.12	1.37	.13	.27	-.41	.69	.21	16.43	-3.97
DIVISION	.79	.35	.22	-.42	2.09	.93	1.37	-.89	1.73	-1.38	4.19	-.01	1.62	-.80	1.52	-.90	.56	-1.18	1.04	-.22	.60	-.11	.41	-.07	16.14	-4.71
* * * SOUTHEAST 09																										
ALEXANDRIA	1.20	.86	.11	-.47	1.59	.45	1.96	-.41	.49	-2.43	5.79	1.73	.45	-2.46	2.93	.37	2.58	.33	.50	-1.02	1.00	.32	.10	-.40	18.70	-3.13
ARMOUR	1.89	1.41	.15	-.63	2.52	1.18	1.96	-.37	1.33	-1.55	4.56	.29	.83	-1.86	2.54	-.21	.68	-1.59	.71	-.75	1.10	.30	.36	-.25	18.63	-4.03
BONESTEEL	.95	.48	.13	-.70	2.07	.34	2.70	.02	1.44	-2.26	4.85	.30	1.83	-.76	2.93	.00	.51	-1.79	1.10	-.52	1.47	.60	.13	-.36	20.11	-4.63
BRIDGEWATER	1.55		.28		1.70		2.23		1.67		5.37		.40		7.33		3.22		.51		1.97		.45		26.08	
CANISTOTA 2 N	1.02	.55	.28	-.55	1.68	.37	1.15	-.94	2.10	-1.00	6.08	1.70	.22	-2.96	E 9.56	6.70	2.40	.00	.45	-1.12	2.06	1.25	.20	-.40	E 27.26	3.60
CANTON 4 WNW	.79	.26	.11	-.96	1.51	.09	2.43	.08	1.82	-1.35	5.83	1.38	1.06	-1.78	7.09	3.79	1.41	-1.37	.57	-.99	4.57	3.71	.04	-.77	27.23	3.09
CENTERVILLE 6 SE	1.61	1.11	.15	-1.03	1.62	.25	2.55	.13	2.30	-1.18	4.70	.00	.31	-2.80	6.70	3.66	2.71	.03	.28	-1.37	2.74	1.80	.07	-.55	25.74	.03
MARION	1.25	.76	.17	-.76	2.34	.90	3.07	.75	1.11	-2.35	4.24	-.13	.21	-3.00	10.82	8.17	2.72	.06	.47	-1.20	3.07	2.22	E .26	-.43	E 29.73	4.99
MENNO	1.62	1.14	.30	-.52	1.57	.25	3.03	.89	2.36	-1.06	5.87	1.41	1.03	-2.16	5.60	2.83	2.28	-.29	.37	-1.16	2.58	1.74	.44	-.21	27.09	2.86
MITCHELL 2 NE	1.02	.64	.13	-.51	1.31	.12	1.79	-.57	.72	-2.43	4.22	.29	E .28	-2.21	2.96	.13	2.89	.65	.87	-.72	1.04	.25	.08	-.42	E 17.31	-4.78
PARKSTON 8 ENE	-		-		-		-		-		-		-		-		1.79	-.69	.71	-.68	.95	.11	.27	-.31	-	
PICKSTOWN //	.96		.25		1.44		2.08		1.47		5.48		.83		3.84		.67		.57		1.22		.16		18.97	

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

STATION	JANUARY PRECIP	JANUARY DEPARTURE	FEBRUARY PRECIP	FEBRUARY DEPARTURE	MARCH PRECIP	MARCH DEPARTURE	APRIL PRECIP	APRIL DEPARTURE	MAY PRECIP	MAY DEPARTURE	JUNE PRECIP	JUNE DEPARTURE	JULY PRECIP	JULY DEPARTURE	AUGUST PRECIP	AUGUST DEPARTURE	SEPTEMBER PRECIP	SEPTEMBER DEPARTURE	OCTOBER PRECIP	OCTOBER DEPARTURE	NOVEMBER PRECIP	NOVEMBER DEPARTURE	DECEMBER PRECIP	DECEMBER DEPARTURE	ANNUAL PRECIP	ANNUAL DEPARTURE
OELRICHS	.61	.23	.48	.02	.84-	.10	2.97	1.12	2.61-	.56	2.58-	.67	2.76	.38	.65-	.63	.70-	.57	.75-	.06	.46-	.03	.21-	.20	15.62-	1.09
OPAL	.92		.44		.67		3.42		1.98		2.79		2.77		2.10		.25		.73		.15		.17		15.99	
PHILIP	.07-	.21	.61	.30	.20-	.45	1.26-	.24	1.22-	1.46	2.62-	1.17	4.00	2.29	.61-	.81	.49-	.69	.29-	.49	.06-	.26	.18-	.12	11.81-	3.31
PORCUPINE 14 NW	T		.17		.21		2.27		2.23		1.44		4.49		.83		.40		.77		.31		.40		13.52	
RAPID CITY WSO AP //R	.28-	.19	.47-	.10	.33-	.66	2.70	.61	2.74-	.07	4.81	1.16	1.05-	1.05	1.31-	.16	.28-	.94	.21-	.65	.61	.13	.41	.02	15.20-	1.92
RAPID CITY	.13-	.36	.68	.11	.26-	.78	3.89	1.61	4.03	.88	7.35	3.29	1.96-	.24	1.76-	.05	.24-	.98	.31-	.59	.41-	.09	.34-	.06	21.35	2.74
SCENIC	1.30		.33		.30		4.16		2.11		2.32		.52		.81		.07		.49		.19		.21		12.81	
WASTA	.30		.38		.42		2.77		2.45		4.71		2.17		2.75		.04		.32		.31		.26		16.88	
DIVISION	.41	.03	.49	.03	.35-	.48	2.73	.86	2.46-	.58	3.51-	.17	2.59	.48	1.46-	.15	.53-	.72	.42-	.48	.27-	.19	.26-	.10	15.48-	1.47
CENTRAL 06																										
BLUNT	.40		.94		.58		1.24		.96		.59		.47		.58		.91		.37		.01		.33		E 7.34	
CHAMBERLAIN	.60		.40		.81		1.85		2.53		1.55		1.06		.35		2.19		.45		.10		.32		12.21	
FORT PIERRE 17 WSW	.28		.67		.46		1.00		1.00		.38		.35		1.10		.42		.31		.05		.19		6.41	
FORT SULLY 8 NE	.05		E 1.21		.97		1.65		1.18		.69		.84		.22		.64		E .14		T		.12		E 7.31	
HARROLD 17 SSW	.28		1.28		.49		1.09		.68		.53		.57		.30		.86		.25		.07		.26		6.66	
HAYES 5 ESE	.42		.60		.29		1.42		.62		1.54		1.35		.66		.10		.16		.18		.21		7.59	
HIGHMORE 1 W	.52	.21	E 1.14	.61	1.45	.61	1.72-	.17	.62-	1.93	1.13-	2.84	.48-	2.06	.22-	2.13	.75-	.86	.87-	.38	.13-	.42	.25-	.15	E 9.29-	9.51
HIGHMORE 23 NNW	.76		.68		.64		1.06		.24		1.59		.19		.53		.46		.98		.23		.60		7.56	
HOPEWELL 1 SE	.50		.58		.32		1.59		.68		1.32		1.33		.76		.04		.22		.06		.17		7.57	
KENNEBEC	.34	.01	.34-	.19	.20-	.63	1.83-	.09	1.13-	1.56	.17-	3.36	3.84	1.79	.17-	2.17	.81-	.71	.21-	.82	.07-	.56	.17-	.20	9.28-	8.49
KIRLEY 6 N	.52	.04	.95	.44	.89	.03	1.41-	.23	1.25-	1.39	2.85-	.63	.74-	.85	.50-	1.23	.18-	1.24	.45-	.41	.06-	.36	.29-	.09	10.09-	5.92
LAKE SHARPE PROJECT	F .32		.02		.10		1.05		.79		.97		.66		.50		1.34		.10		T		.03		E 3.89	
MIDLAND	.36		1.25		.35		1.40		1.45		1.19		1.43		.37		.20		.20		.05		.29		8.54	
MURDO	E .52	.15	.37-	.10	.34-	.55	1.39-	.57	1.90-	.92	.65-	3.19	.77-	1.02	.72-	1.29	.19-	1.16	.57-	.51	.11-	.39	.20-	.16	E 7.73-	9.71
OAHE DAM	.22		.64		.44		1.07		.63		.20		.68		.19		.28		.13		.07		.22		4.72	
ONIDA 4 NW	.70		F 1.01		F 1.10		1.72		.87		.82		.60		.70		1.06		E .40		E .10		E .60		E 9.88	
PIERRE FAA AP	.65	.20	.85	.14	.21-	.65	1.20-	.50	.76-	2.08	.46-	3.37	.77-	1.41	1.14-	1.02	.49-	.94	.08-	.87	.04-	.47	.48-	.02	7.12-	10.99
PRESHO 5 NW	.32		.85		.18		2.08		1.91		.29		.89		.97		.95		.15		.07		.23		8.09	
STEPHAN 1 ENE	.37		E .66		E .68		1.38		.52		1.10		.39		.32		2.83		.61		.05		.22		E 9.13	
DIVISION	.44	.09	.76	.24	.55-	.27	1.48-	.33	1.07-	1.70	.97-	2.74	.95-	1.07	.50-	1.60	.83-	.63	.34-	.67	.08-	.42	.28-	.08	8.29-	9.18
EAST CENTRAL 07																										
BROOKINGS 2 NE	.37	.01	.47-	.04	1.69	.79	1.91-	.14	.43-	2.77	2.68-	1.90	1.51-	1.33	2.02-	.84	1.60-	.64	.20-	1.27	.10-	.56	.28-	.19	13.26-	8.88
BRYANT 1 NE	.62		.58		1.05		1.94		.97		2.82		.97		.59		1.93		.86		.05		.34		12.72	
CASTLEWOOD	.83	.38	.42-	.18	1.72	.77	1.20-	.85	.36-	2.70	1.31-	2.92	.74-	2.49	.53-	1.95	1.54-	.58	.57-	1.07	.06-	.72	.58	.00	9.86-	12.31
CLARK	.86	.40	.89	.25	.92-	.01	1.35-	.73	.56-	2.40	2.03-	1.78	.09-	3.07	1.06-	1.58	1.53-	.55	.62-	.96	.02-	.73	.66	.09	10.59-	11.07
CLEAR LAKE	E .86	.32	.56-	.12	1.41	.20	1.00-	1.34	.38-	2.72	1.52-	2.68	1.60-	1.98	E 1.11-	1.76	E 1.84-	.50	.39-	1.14	.09-	.86	.54-	.12	E 11.30-	12.70
DE SMET	1.41	.83	.58-	.07	1.45	.31	1.50-	.81	E .57-	2.62	1.47-	3.21	1.29-	1.72	.50-	2.12	2.45	.36	.25-	1.54	.06-	.84	.38-	.27	E 11.91-	11.70
FLANDREAU	.36-	.07	.39-	.38	.84-	.29	1.47-	.74	.62-	2.67	2.57-	1.92	.92-	2.07	.65-	2.05	1.45-	1.23	.37-	1.20	.08-	.70	E .43-	.07	E 10.19-	13.39
FORESTBURG 3 NE //	.45-	.05	.70	.03	.93-	.28	1.50-	.81	.96-	2.06	2.31-	1.40	1.45-	1.52	.73-	1.79	2.53	.65	1.16-	.63	.04-	.76	.29-	.34	13.05-	6.96
GANN VALLEY	.22-	.10	.21-	.24	.25-	.61	1.27-	.53	.75-	1.98	1.31-	2.32	.49-	2.05	.62-	1.90	3.40	1.70	.24-	1.09	.03-	.46	.20-	.14	8.99-	9.72
HOWARD	.39	.00	.67	.07	1.13	.02	1.73-	.68	.43-	2.72	2.55-	1.62	.91-	1.94	1.22-	1.28	2.39	.08	.83-	.69	.09-	.67	.31-	.22	12.65-	9.64
HURON WSO AP //R	.64	.21	.63-	.12	.73-	.34	1.10-	.86	.62-	2.13	1.97-	1.79	2.05-	.18	.14-	1.84	1.43-	.35	1.76-	.27	.01-	.66	.39-	.14	10.97-	8.47
IROQUOIS	.37		.39		.82		1.11		.56		1.45		.76		.24		3.56		.31		.05		.24		9.88	
MADISON RESEARCH FARM	.77		.96		1.48		2.31		.37		1.72		.79		1.14		2.98		.67		.10		.36		13.63	
MILLER	.84	.37	.67	.28	.73-	.14	.88-	1.38	.39-	2.46	1.49-	2.49	T -	2.42	.18-	2.08	1.11-	.94	.74-	.74	.08-	.57	.29-	.16	7.60-	12.33
RAYMOND 3 NE	.26-	.17	.67	.18	.77	.00	.95-	.88	.60-	1.94	2.18-	1.36	.27-	2.88	1.09-	1.21	1.21-	.98	.51-	.97	.03-	.59	.17-	.25	8.71-	10.63
REDFIELD	.60	.25	1.07	.48	.77	.04	1.08-	.93	.53-	2.33	5.16	1.18	.12-	2.97	.81-	1.13	1.65	.14	.91-	.48	T -	.59	.26-	.13	12.96-	5.87
REDFIELD 6 E	.64		.95		.39		.62		.53		3.72		1.41		.54		1.76		1.00		.00		.27		11.83	
ROCKHAM 2 SW	.26		E 1.02		-		-		-		-		-		-		-		-		.01		.29		-	
TULARE	1.05		1.08		-		-		-		-		-		-		-		-		-		-		-	
WATERTOWN FAA AP //R	.74	.26	.52-	.16	1.69	.70	1.10-	1.02	1.26-	1.93	1.49-	2.26	.51-	2.66	.79-	1.78	1.62-	.28	.97-	.88	.05-	.82	.48-	.17	10.82-	11.00
WENTWORTH 2 WNW	.55	.07	.86	.11	1.45	.11	1.94-	.45	.37-	2.92	1.79-	2.54	1.35-	1.91	.67-	2.24	2.00-	.43	.46-	1.18	.01-	.88	.30-	.33	11.79-	12.59
WESSINGTON 5 S	.45		.82		.91		1.34		.66		2.63		.66		.52		1.60		.93		.04		.20		10.36	
WESSINGTON SPRINGS	.51		.39		.69		1.70		1.45		1.97		.39		.94		2.85		.85		.03		.31		12.00	
WESSINGTON SPRGS 8 SW	1.17	.47	.41-	.51	.73-	.86	1.90-	.34	1.52-	1.52	1.28-	2.59	.31-	2.24	.23-	2.13	1.85	.15	.98-	.54	.05-	.79	.27-	.45	10.70-	11.35
WOLSEY	.86		.47		.69		.95		.58		2.34		.90		.42		1.26		.96		.02		.36		9.81	
DIVISION	.65	.22	.66	.01	1.07	.04	1.39-	.78	.62-	2.44	2.18-	1.93	.92-	2.00	.80-	1.75	2.01-	.02	.65-	.92	.05-	.70	.37-	.17	11.37-	10.44
SOUTH CENTRAL 08																										
ACADEMY	.67	.15	.24-	.43	.29-	.91	1.46-	.98	2.33-	.92	.91-	3.34	1.64-	.93	.98-	1.59	2.38	.49	.45-	.90	.02-	.72	.15-	.33	11.50-	10.41
CEDAR BUTTE	F .40		.33		.18		1.56		2.28		1.33		2.60		.56		.33		.16		.03		.25		E 10.01	
GREGORY	.82	.31	.31-	.50	.57-	.82	2.43-	.23	1.43-	1.62	1.23-	3.15	1.94-	.51	.69-	1.73	2.83	.81	.47-	.99	.11-	.85	.40-	.27	13.25-	9.55
HARRINGTON	.30		.16		.37		2.41		1.60		1.17		3.10		1.77		1.65		.93		.18		.22		13.65	
MISSION	.27		E .28		F .26		1.81		2.05		1.59		2.19		3.36		1.04		.26		.24		1.40		E 14.75	
MISSION 14 SSE	.60		.14		.17		1.93		1.93		.93		2.47		1.70		1.37		.30		.04		.29		11.37	
WEWELA	.86		.26		.46		2.29		2.83		1.01		2.35		1.09		2.77		.27		.14		.41		14.76	
WINNER	.40	.15	.22-	.36	.47-	.70	1.56-	.80	1.86-	1.15	1.15-	3.09	2.43-	.13	1.59-	1.14	2.35	.53	.32-	.90	.17-	.56	.42-	.06	13.09-	8.21
WOOD	.53	.03	.17-	.49	E .60-	.58	1.95-	.25	1.85-	1.45	.92-	3.48	2.43-	.02	2.30	.19	.40-	1.20	.37-	.87	.45-	.23	.42-	.06	E 11.99-	8.41
DIVISION	.55	.11	.23-	.41	.36-	.80	1.88-	.38	1.92-	1.19	1.06-	3.14	2.35-	.07	1.67-	.80	1.54-	.20	.36-	.91	.16-	.55	.44-	.04	12.47-	8.38
SOUTHEAST 09																										
ALEXANDRIA	.37	.03	.55-	.03	.67-	.47	2.62	.25	1.81-	1.11	2.88-	1.18	.86-	2.05	.37-	2.19	1.95-	.90	.67-	.85	.03-	.65	.30-	.20	13.08-	8.75
ARMOUR	1.02	.54	1.23	.45	.75-	.59	1.56-	.77	2.72-	.16	1.50-	2.77	1.83-	.86	1.60-	1.15	2.01-	.76	.50-	.96	.01-	.79	.83	.22	15.56-	7.10
BONESTEEL	.89	.42	.44-	.39	.44-	1.29	1.81-	.87	2.88-	.82	1.38-	3.17	1.01-	1.58	1.09-	1.04	3.58	1.28	.47-	1.15	.03-	.84	.25-	.24	15.07-	9.69
BRIDGEWATER	1.30		.86		.98		2.77		1.76		1.84		2.90		.53		1.86		1.22		.02		.44		16.68	
CANISTOTA 2 N	.45-	.02	.39-	.44	1.40	.09	2.31	.22	1.41-	1.69	1.63-	2.75	2.71-	.47	.67-	2.19	1.69-	.77	.55-	1.02	.08-	.73	.23-	.37	13.52-	10.14
CANTON 4 WNW	.56	.03	.55-	.52	.99-	.43	2.03-	.32	1.98-	1.19	.76-	3.69	1.62-	1.22	1.65-	1.45	1.02-	1.76	.35-	1.21	.05-	.81	.24-	.57	12.00-	13.14
CENTERVILLE 6 SE	.63	.13	.91-	.27	.93-	.44	2.27-	.15	1.96-	1.52	1.31-	3.39	1.79-	1.32	1.05-	1.99	1.14-	1.54	.57-	1.08	.05-	.89	.21-	.41	12.82-	12.87
MARION	.59	.10	.46-	.47	1.08-	.36	2.00-	.32	2.19-	1.27	1.33-	3.04	1.99-	1.22	.83-	1.82	2.75	.09	.42-	1.25	.04-	.81	.25-	.44	13.93-	10.81
MENNO	.52-	.04	.80-	.02	1.87	.55	2.74	.60	2.64-	.78	2.88-	1.58	1.50-	1.69	1.23-	1.54	1.62-	.95	.66-	.87	.05-	.79	.33-	.32	16.84-	7.39
MITCHELL 2 NE	.24-	.14	.46-	.18	.93-	.26	2.76	.40	1.44-	1.71	2.68-	1.25	1.20-	1.29	.52-	2.31	2.55	.31	.52-	1.07	.03-	.76	.30-	.20	13.63-	8.46
PARKSTON 8 ENE	.59	.13	1.70	.28	.80-	.39	2.83	.53	2.93-	.03	2.23-	1.81	1.34-	1.67	1.04-	1.74	-		-		-		-		-	
PICKSTOWN //	.73		.34		.82		1.51		2.94		1.62		1.76		1.36		2.55		.30		T		.30		14.29	
PLATTE	.92		.60		.54		1.65		3.29		1.36		1.81		1.37		2.51		.52		.05		.27		14.84	
SIOUX FALLS WSO AP //R	.41-	.16	.48-	.56	1.60	.20	2.15-	.15	1.02-	2.35	1.02-	3.30	1.53-	1.41	1.31-	1.53	.76-	2.09	.71-	.79	.07-	.78	.36-	.38	11.42-	13.30
TYNDALL 1 N	.42-	.04	.56-	.18	E 1.63	.31	E 2.71	.36	E 2.08-	1.35	1.06-	3.25	1.98-	1.18	2.96	.09	1.80-	.71	.29-	1.11	.02-	.78	.43-	.15	E 15.94-	7.99
VERMILLION 2 SE	.26-	.21	.22-	.63	1.55	.38	1.90-	.34	2.27-	1.50	1.23-	3.05	1.87-	1.52	2.75-	.44	.80-	1.75	.59-	.96	.04-	.80	.33-	.38	E 13.81-	11.22
WAGNER	.44-	.21	.83-	.16	1.25-	.41	2.98	.34	2.81-	.60	1.97-	2.38	1.77-	1.10	1.72-	1.11	2.57-	.04	.19-	1.32	.07-	.81	.40-	.46	16.09-	8.26
WHITE LAKE	.56	.08	.35-	.31	.28-	.88	1.62-	.68	2.94-	.39	1.79-	2.11	1.20-	1.44	.28-	2.59	3.76	1.99	.68-	.80	T -	.73	.16-	.34	13.62-	8.20

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
[illegible]	.25	.13	.16	.30	1.70	.76	2.53	.68	2.60	.55	1.50	1.75	1.97	.41	2.85	1.57	1.35	.08	.90	.09	1.04	.93	.54	.13	17.39	.72
[illegible]	.46		T		1.79		2.58		1.64		2.33		4.46		9.12		1.59		.79		.75		.46		19.97	
[illegible]	.19	.07	.19	.12	2.45	1.80	1.19	.91	5.05	2.37	1.69	2.10	2.29	.58	2.65	1.05	2.29	1.11	1.64	1.81	1.64	1.32	.33	.05	22.73	7.61
[illegible]	.18		T		3.63		2.00		3.46		2.25		4.92		8.34		1.34		.79		.93		.06		22.88	
[illegible] CITY WSO AP //R	.85	.36	.25	.32	2.63	1.64	1.57	.52	2.49	.32	1.76	1.91	2.98	.68	1.79	.32	2.86	1.64	1.06	.20	.82	.34	.36	.03	19.40	2.28
[illegible] CITY	.53	.04	.36	.21	2.35	1.31	1.99	.29	1.72	1.43	1.42	2.64	1.19	1.01	1.46	.35	2.29	1.07	1.68	.78	.84	.14	.37	.03	16.00	2.62
[illegible]	.36		.53		5.40		.91		2.05		.88		1.49		1.71		1.94		1.35		.49		.42		17.53	
[illegible]	.40		.44		3.67		.94		2.16		1.61		1.74		1.07		2.76		2.11		1.81		.44		19.15	
DIVISION	.40	.02	.60	.14	3.21	2.38	1.68	.19	3.14	.10	1.82	1.86	2.38	.27	2.24	.63	1.95	.70	1.60	.70	1.13	.67	.44	.08	20.59	3.64
CENTRAL 06																										
BLUNT	.41		.82		4.55		.89		1.63		2.75		1.96		1.36		7.94		2.24		1.70		.76		21.61	
CHAMBERLAIN	.13		1.98		4.90		4.20		3.48		3.66		.76		2.94		2.68		1.96		1.30		1.30		29.29	
FORT PIERRE 17 WSW	.40		.31		4.39		1.02		2.02		2.37		2.07		2.03		3.87		2.47		1.53		.81		23.29	
FORT SULLY 8 NE	.30		T		2.91		1.39		1.98		2.93		.71		1.59		3.79		1.98		1.76		.71		19.65	
HARROLD 12 SSW	.28		1.41		3.57		1.73		1.26		3.89		3.93		3.35		1.83		1.93		1.87		.75		25.80	
HAYES 3 ESE	.48		.26		3.34		.96		2.65		3.70		3.84		2.41		2.65		1.67		1.45		.98		24.37	
HIGHMORE 1 W	.15	.16	1.15	.62	4.30	3.46	2.42	.53	1.80	.75	2.75	1.22	1.30	1.24	2.00	.35	5.10	1.49	1.15	.10	1.10	.55	.71	.31	21.93	3.14
HIGHMORE 22 NNW	.47		1.11		4.04		2.15		2.27		2.03		1.39		1.15		3.22		.53		1.05		1.32		23.73	
HOPEWELL 1 SE	.31		.30		4.57		.76		2.51		3.37		3.21		2.06		3.98		1.58		2.98		.79		27.96	
KENNEBEC	.15	.18	1.24	.71	5.08	4.25	1.61	.31	2.98	.26	4.16	.63	2.97	.92	1.92	.42	1.70	.18	2.18	1.15	.97	.06	.64	.27	25.17	7.40
KIRLEY 6 N	.54	.06	.23	.28	4.26	3.40	1.13	.51	2.92	.28	3.88	.40	2.72	1.13	3.56	1.83	5.33	3.91	2.02	1.16	1.86	1.44	.82	.44	29.27	13.26
LAKE SHARPE PROJECT	.02		T		3.20		2.29		2.92		3.67		2.05		3.07		3.47		1.67		.93		.60		23.35	
MIDLAND	.47		.31		3.15		1.46		2.53		1.86		1.62		2.90		2.73		3.02		1.65		.63		24.33	
MURDO	.25	.12	.35	.14	6.98	5.19	1.01	.95	3.93	1.11	3.29	.55	2.03	.24	2.84	.83	2.63	1.28	3.25	2.17	1.55	1.05	.26	.12	27.43	9.99
OAHE DAM	.37		.12		2.41		.84		1.84		3.98		2.64		1.69		3.21		1.59		1.32		.63		20.44	
ONIDA 4 NW	.45		.84		3.74		.93		1.70		2.82		1.71		1.72		2.94		1.98		2.26		.76		21.85	
PIERRE FAA AP	.65	.20	.47	.23	3.73	2.87	1.35	.35	2.02	.82	3.97	.14	2.82	.64	2.82	.66	2.74	1.31	1.76	.81	1.55	1.04	.99	.49	24.87	6.76
PRESHO 5 NW	.24		1.12		7.21		1.24		2.78		4.45		4.73		1.85		1.87		1.98		.89		.46		28.82	
STEPHAN 1 ENE	.10		.99		3.53		1.80		1.64		4.74		1.66		3.92		3.14		1.42		1.41		.64		24.99	
DIVISION	.31	.04	.73	.21	4.29	3.47	1.64	.17	2.37	.40	3.59	.12	2.27	.25	2.46	.36	3.02	1.56	1.88	.87	1.48	.98	.71	.35	24.75	7.32
EAST CENTRAL 07																										
ARLINGTON 3 SW	.51	.05	1.46	.78	3.69	2.58	2.06	.29	1.32	1.81	10.31	5.94	1.41	1.61	3.86	1.18	3.11	.76	2.45	.81	3.85	3.03	.76	.18	34.79	11.60
BROOKINGS 2 NE	.21	.15	1.11	.60	3.05	2.15	1.38	.67	2.16	1.04	7.31	2.73	1.74	1.10	3.03	2.17	3.70	1.46	2.34	.87	1.49	.83	.73	.26	30.25	8.11
BRYANT 1 NE	.91		1.95		3.64		3.40		3.29		7.14		3.31		3.34		4.64		3.09		2.93		1.25		38.03	
CASTLEWOOD	.61	.16	2.38	1.78	4.23	3.28	1.82	.23	1.48	1.58	5.86	1.63	1.42	1.62	3.21	.73	5.27	3.15	3.28	1.64	2.96	2.18	1.31	.93	34.02	11.85
CLARK	.73	.27	1.39	.75	3.44	2.51	2.79	.71	1.94	1.02	5.69	1.88	1.57	1.59	2.92	.28	3.52	1.44	2.91	.73	3.05	2.30	1.34	.97	30.89	9.23
CLEAR LAKE	.50	.04	1.53	.85	5.29	4.08	1.94	.40	2.10	1.00	4.36	.16	2.34	1.24	4.50	1.63	5.60	3.26	3.60	2.07	3.48	2.53	1.42	.76	36.66	12.66
DE SMET	.82	.24	2.42	1.75	3.51	2.37	2.59	.28	2.01	1.18	7.78	3.10	1.40	1.61	2.92	.30	3.16	1.07	3.27	1.48	3.05	2.15	.76	.11	33.67	10.06
FLANDREAU	.14	.29	.82	.05	2.51	1.38	1.01	.97	2.86	.48	4.79	.30	3.65	.66	4.62	1.92	3.20	.52	3.09	1.52	1.77	.98	.88	.38	29.57	0.09
FORESTBURG 9 NE //	.19	.31	1.52	.85	5.62	4.41	2.85	.54	2.25	.47	2.54	1.17	2.34	.63	2.43	.09	2.72	.84	1.74	.05	2.08	1.28	.70	.07	27.28	3.27
GANN VALLEY	.12	.20	1.07	.62	3.87	3.01	2.56	.76	1.92	.81	2.98	.69	1.23	1.31	2.56	.04	2.59	.89	1.12	.21	1.39	.90	.70	.36	22.11	3.40
HOWARD	.53	.14	1.96	1.34	3.50	2.40	1.70	.71	3.04	.11	2.53	1.64	1.78	1.07	3.46	.96	3.74	1.43	2.42	.90	2.79	2.03	.87	.34	28.30	6.01
HURON WSO AP //R	.18	.25	1.73	.98	5.89	4.82	2.13	.17	1.83	.92	1.31	2.45	1.50	.73	2.57	.59	2.29	.91	1.59	.06	1.60	.93	.52	.01	23.14	3.70
IROQUOIS	.50		2.03		4.29		2.77		1.84		2.58		1.13		2.22		2.71		2.10		.91		.43		24.51	
MADISON RESEARCH FARM	.27		1.47		4.73		2.42		2.42		2.88		2.34		2.27		3.31		2.38		1.48		1.34		30.43	
MILLER	.17	.30	1.37	.78	5.45	4.58	1.97	.69	2.25	.60	1.41	2.57	1.13	1.29	1.92	.34	4.32	2.67	1.19	.29	1.93	1.28	.87	.22	23.38	3.45
RAYMOND 5 NE	.23	.20	1.05	.56	3.12	2.35	2.01	.18	1.94	.60	5.89	2.35	1.93	1.20	3.29	.99	3.60	1.81	2.10	.62	2.78	2.16	.80	.38	28.74	9.40
REDFIELD	.19	.16	1.17	.58	6.17	5.44	1.78	.28	2.26	.60	2.60	1.38	.43	2.06	1.43	.51	4.58	3.07	1.20	.19	1.21	.62	.59	.20	23.61	4.78
REDFIELD 6 E	.05		1.33		5.30		1.72		1.78		3.46		.34		2.39		4.39		1.30		1.71		.48		24.25	
ROCKHAM 2 SW	.18		1.42		5.79		1.21		2.00		2.73		2.24		1.40		5.68		1.70		1.36		.63		26.04	
WATERTOWN FAA AP //R	.47	.01	1.86	1.18	3.94	2.95	3.05	.93	.89	2.30	8.30	4.55	3.98	.41	4.55	1.98	5.66	3.76	3.97	2.52	2.40	1.53	1.37	.72	40.04	18.22
WENTWORTH 2 WNW	.28	.20	.99	.24	4.16	2.82	1.00	1.39	2.19	1.10	2.67	1.66	1.91	1.35	4.96	2.05	3.04	.61	2.71	1.07	2.39	1.50	.85	.22	27.13	2.81
WESSINGTON 9 S	.17		1.13		5.07		2.51		2.33		1.01		1.61		3.46		6.18		1.13		.97		.35		22.92	
WESSINGTON SPRINGS	.10		1.06		6.61		2.97		2.57		2.12		.73		2.91		2.79		1.57		1.55		.66		25.34	
WESSINGTON SPRGS 8 SW	.11	.59	1.14	.22	4.56	2.97	2.98	.74	2.05	.99	2.08	1.79	1.97	.58	2.98	.02	2.77	1.07	1.26	.26	1.30	.46	.73	.01	23.33	1.28
WOLSEY	.14		1.68		6.09		2.11		2.56		1.22		1.86		2.57		3.50		1.60		2.44		.61		26.58	
DIVISION	.33	.10	1.91	.86	4.55	3.52	2.03	.14	2.13	.93	4.03	.08	1.73	1.19	3.34	.79	3.76	1.73	2.30	.73	2.20	1.45	.93	.39	28.84	7.03
SOUTH CENTRAL 08																										
ACADEMY	.23	.29	2.91	2.24	4.20	3.00	3.59	1.15	4.58	1.34	1.91	2.34	4.52	1.95	4.06	1.51	4.34	2.45	3.10	1.75	1.23	.49	.83	.37	35.53	13.62
CEDAR BUTTE	.13		.54		4.55		1.40		3.16		1.32		3.51		1.61		1.89		1.95		.79		1.20		23.99	
GREGORY	.25	.26	2.26	1.45	6.15	4.76	2.93	.27	4.64	1.59	9.02	1.38	3.50	1.05	4.12	1.70	5.40	3.38	2.40	.94	1.36	.40	1.45	.78	37.48	14.68
HARRINGTON	.30		.96		4.70		2.63		4.83		2.02		3.74		4.51		2.58		1.77		1.08		.90		30.05	
MISSION	.38		1.46		5.13		2.22		8.26		2.70		2.36		2.89		2.45		2.05		.48		1.26		31.64	
MISSION 14 SSE	.27		1.16		7.82		2.10		7.77		8.92		1.75		5.07		2.60		2.02		.23		.50		35.21	
NEMELA	.40		2.58		6.76		3.46		6.59		4.29		3.87		4.43		4.00		1.60		.92		.88		39.84	
WINNER	.35	.10	2.00	1.42	6.87	5.75	3.09	.73	6.37	2.86	3.54	1.30	3.03	.47	4.18	1.45	3.22	1.40	2.11	.89	1.18	.45	.99	.51	38.93	17.63
WOOD	.58	.08	1.79	1.13	5.24	4.06	1.44	.76	5.23	1.93	1.85	2.13	2.98	.53	2.64	.53	1.56	.04	1.79	.55	.92	.24	.93	.45	26.95	6.59
DIVISION	.31	.13	1.64	1.00	5.58	4.42	2.43	.17	5.86	2.75	2.79	1.41	3.17	.75	3.64	1.22	3.01	1.27	2.15	.88	.90	.19	1.01	.53	32.49	11.64
SOUTHEAST 09																										
ALEXANDRIA	.11	.23	.87	.29	4.44	3.30	1.62	.75	4.09	1.17	2.27	1.79	2.39	.92	7.07	4.51	6.31	4.06	2.88	1.36	1.38	.70	.71	.21	34.14	12.31
ARMOUR	.14	.34	.82	.04	3.61	2.27	2.11	.22	3.46	.38	3.70	.57	2.06	.63	3.84	1.09	3.73	1.46	3.06	1.60	1.68	.68	1.47	.86	29.48	6.82
BONESTEEL	.06	.43	1.26	.43	6.05	4.32	2.73	.03	3.88	2.18	3.47	1.08	4.19	1.60	3.60	.67	5.64	3.34	3.00	1.38	1.18	.23	.33	.16	37.29	12.53
BRIDGEWATER	.07		1.39		3.72		1.47		2.89		1.93		2.72		5.30		6.62		2.68		1.63		.72		31.13	
CANISTOTA 2 N	.18	.29	.87	.04	4.28	2.97	1.23	.86	3.39	.29	3.36	1.02	2.79	.39	6.54	3.68	7.45	4.99	2.03	.46	2.02	1.21	1.38	.78	35.52	11.86
CANTON 4 WNW	.10	.43	.93	.54	3.01	1.59	2.76	.41	3.68	.91	1.69	2.76	2.62	.23	4.19	.89	3.46	.68	1.98	.42	1.01	.13	1.04	.23	28.07	.99
CENTERVILLE 6 SE	.13	.37	.33	.85	2.73	1.38	2.62	.20	3.32	.26	3.46	1.24	3.86	.75	2.60	.44	4.00	1.32	1.88	.23	1.34	.40	.63	.01	26.82	1.13
MARION	.24	.25	1.03	.10	5.11	3.67	1.67	.65	3.48	.02	2.07	2.30	3.15	.06	3.31	.66	5.29	2.63	1.72	.05	1.68	.83	.71	.02	29.46	4.72
MENNO	.16	.32	.75	.07	3.89	2.57	1.65	.49	2.63	.79	3.81	.65	3.41	.22	3.07	.30	3.49	.92	2.15	.62	1.61	.77	1.00	.35	27.62	3.43
MITCHELL 2 NE	.22	.16	1.53	.89	4.09	2.90	2.38	.02	3.10	.05	1.99	1.94	1.60	.89	6.02	3.79	4.09	1.85	1.91	.32	1.07	.88	.84	.34	30.04	7.95
PARKSTON 8 ENE	~		~		~		~		~		~		~		~		~		~		~		~		~	
PICKSTOWN //	.14		.69		3.62		2.23		3.13		4.92		3.03		2.70		3.18		3.13		1.07		1.01		30.89	
PLATTE	.14		1.92		4.56		2.67		4.76		2.24		3.01		4.72		6.78		2.98		1.05		1.07		35.90	
SIOUX FALLS WSO AP //R	.19	.38	.83	.21	3.60	2.20	2.17	.13	3.17	.20	1.73	2.59	3.64	.70	5.62	2.79	5.63	2.78	2.36	.86	1.80	.95	.67	.13	31.62	6.90
TYNDALL 1 N	.23	.23	1.29	.55	4.05	2.73	2.32	.03	3.17	.26	5.77	1.46	4.60	1.44	2.94	.07	4.98	2.47	3.09	1.69	1.94	1.14	1.35	.77	35.73	11.80
VERMILLION 2 SE	.08	.39	.19	.66	3.52	2.35	2.03	.21	3.77	.00	4.77	.49	2.12	1.27	2.45	.74	3.37	.82	2.49	.92	.98	.14	.16	.55	25.93	.90
WAGNER	.23	.41	.97	.02	4.03	2.37	1.89	.73	4.08	.67	3.39	.96	6.31	3.44	4.12	1.29	3.01	.40	3.55	2.04	1.05	.17	1.70	.84	34.33	9.08
WHITE LAKE	.10	.38	1.49	.83	3.67	2.51	3.13	.83	3.86	.53	1.54	2.36	1.21	1.43	4.34	1.47	3.25	1.48	1.36	.12	1.23	.30	.90	.40	26.08	4.26

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1974

STATION	JANUARY PRECIP.	JANUARY DEPARTURE	FEBRUARY PRECIP.	FEBRUARY DEPARTURE	MARCH PRECIP.	MARCH DEPARTURE	APRIL PRECIP.	APRIL DEPARTURE	MAY PRECIP.	MAY DEPARTURE	JUNE PRECIP.	JUNE DEPARTURE	JULY PRECIP.	JULY DEPARTURE	AUGUST PRECIP.	AUGUST DEPARTURE	SEPTEMBER PRECIP.	SEPTEMBER DEPARTURE	OCTOBER PRECIP.	OCTOBER DEPARTURE	NOVEMBER PRECIP.	NOVEMBER DEPARTURE	DECEMBER PRECIP.	DECEMBER DEPARTURE	ANNUAL PRECIP.	ANNUAL DEPARTURE
[illegible]	.16	-.91	.49	.32	.29	-.75	2.76	.48	4.84	1.69	1.90	-2.16	3.73	1.53	2.61	.80	.26	-.96	.36	-.54	.76	.26	.28	-.12	E 18.84	.22
[illegible]	.28		.76		.14		1.60		3.29		.44		2.92		.81		.01		.70		.32		.25		11.52	
[illegible]	T		.79		.14		2.80		2.83		1.22		3.95		1.64		.11		.22		.77		.12		14.59	
DIVISION	.18	-.7	.72	.26	.16	-.67	2.91	.44	3.70	.66	1.71	-2.47	3.44	1.33	2.40	.79	.41	-.84	.36	-.56	.66	.20	.38	.02	15.91	-1.04
• • • CENTRAL 06																										
BLUNT	.18		1.23		.28		3.91		3.05		2.18		3.37		3.06		.57		.12		.32		.13		18.40	
CHAMBERLAIN	.30		1.52		.10		5.12		2.14		2.00		3.25		1.75		1.20		.21		.18		.50		20.87	
FORT PIERRE 17 WSW	.30		1.10		.32		4.09		2.43		1.84		2.70		F 2.69		.52		.07		.53		.17		E 16.76	
FORT THOMPSON	F .04		F .97		F .26		E 3.18		2.96		1.20		4.53		3.11		.48		.00		E .39		E .75		F 17.37	
GETTYSBURG 16 WSW	.22		.51		.23		3.65		3.05		3.03		4.15		3.03		.35		.08		.26		.28		20.84	
HARROLD 12 WSW	.11		F 1.16		.41		3.71		1.74		1.14		3.36		3.01		.57		.18		.38		.23		E 16.00	
HIGHMORE 1 W	.23	-.06	.87	.34	.44	-.40	4.32	2.43	3.44	.89	1.15	-2.82	3.10	.56	3.66	1.31	.80	-.91	.23	-1.02	.78	.23	.46	.06	19.48	.69
HIGHMORE 23 NNW	.31		1.20		.40		3.02		2.48		3.44		2.36		1.81		.38		.05		.76		.37		16.58	
HOPEWELL 1 NE	.25		F 1.28		.28		2.78		2.72		3.21		4.43		2.34		.50		.12		.33		.10		E 18.36	
KENNEBEC	.02	-.31	.42	-.11	T	-.83	3.49	1.57	1.35	-1.34	2.47	-1.06	3.03	.98	3.25	.91	.75	-.77	.18	-.85	.15	-.48	.19	-.18	15.30	-2.47
[illegible] 6 W	.23	-.25	1.17	.66	.17	-.69	3.09	1.45	3.42	.78	2.10	-1.38	3.92	2.23	4.42	2.69	.57	-.85	.11	-.75	.78	.36	.09	-.29	19.97	3.96
LAKE SHARPE PROJECT	.03		.22		.03		E 3.59		2.16		2.09		3.45		1.71		.74		T		E .25		.07		E 14.32	
MIDLAND	.14		1.06		.24		4.19		2.09		1.19		2.75		3.13		.69		.08		.57		.26		16.39	
MURDO	T	-.37	.85	.38	.05	-.84	3.94	3.98	2.51	-.31	.89	-2.95	3.78	1.90	3.16	1.15	.67	-.68	.06	-1.02	.88	.38	.21	-.15	19.00	1.56
OAHE DAM	.12		.55		.18		3.73		2.33		1.26		1.66		2.59		.46		.05		.23		.07		13.23	
ONIDA 4 NW	.73		F .98		.32		3.03		1.89		4.47		3.39		2.39		.36		.10		.79		.58		E 19.23	
PIERRE FAA AP	.62	.17	1.13	.43	.27	-.59	4.34	2.64	2.69	-.15	2.35	-1.48	3.94	1.76	2.95	.69	.60	-.83	.11	-.84	.32	-.19	.28	-.22	19.50	1.39
PRESHO 9 NW	T		.65		T		F 4.52		3.82		.71		4.60		1.43		.59		.09		.16		.16		E 16.73	
STEPHAN 1 ENE	.62		1.13		.15		3.71		2.81		3.43		2.78		.98		.50		.14		.12		E .17		E 16.24	
DIVISION	.28	-.07	.92	.40	.21	-.61	3.82	2.01	2.56	-.21	2.14	-1.57	3.95	1.53	2.74	.64	.60	-.86	.11	-.90	.43	-.07	.25	-.11	17.61	.18
• • • EAST CENTRAL 07																										
ARLINGTON 3 SW	.57	.11	.12	-.56	1.18	.07	-		4.19	1.06	1.19	-3.18	-		.62	-2.06	2.18	-.17	.05	-1.59	.75	-.07	-		-	
BROOKINGS 2 NE	.15	-.71 F	.19	-.32	.75	-.15	3.77	1.72	4.17	.97	2.89	-1.69	4.03	1.19	2.25	-.61	2.44	.20	.35	-1.12	.49	-.17	.07	-.40	E 21.55	-.59
BRYANT 1 NE	.31		.35		.58		3.78		6.09		2.71		2.72		1.11		2.02		.22		.79		.31		20.69	
CASTLEWOOD	.26	-.19	.31	-.29	.97	.02	2.87	.82	5.82	2.76	2.50	-1.73	2.48	-.55	6.37	3.89	7.22	.10	.31	-1.33	.78	.00	.47	-.11	25.56	3.39
CLARK	.57	.11	.49	-.15	.67	-.26	2.30	.22	3.91	.95	2.77	-1.04	1.94	-1.22	3.68	1.04	1.10	-.98	.26	-1.32	.82	.07	.47	-.10	18.98	-2.68
CLEAR LAKE	.19	-.35	.41	-.27	1.12	-.09	3.37	1.03	4.87	1.77	2.83	-1.37	2.14	-1.44	4.87	2.00	2.31	.17	.32	-1.21	.99	.04	.54	-.12	24.16	.16
DE SMET	.40	.22	.30	-.35	.68	-.46	3.05	.74	4.83	1.64	1.94	-2.74	2.85	-.16	.72	-1.90	1.85	-.24	.71	-1.58	.62	-.28	.81	.16	18.66	-4.95
FLANDREAU	.01	-.42	.19	-.58	.59	-.54	3.11	.90	2.85	-.44	.89	-3.60	4.24	1.25	2.42	-.28	2.30	-.38	.19	-1.38	.49	-.29	.46	-.04	17.74	-5.80
FORESTBURG 3 NE //	.24	-.26	.77	.10	.44	-.77	3.52	1.21	4.26	1.24	3.06	-.65	2.90	-.07	1.62	-.90	1.40	-.48	.32	-1.47	.52	-.28	.55	-.08	19.60	-2.41
GANN VALLEY	.07	-.25	.42	-.03	.02	-.84	3.36	1.56	1.80	-.93	.86	-2.77	4.36	1.82	2.21	-.31	.93	-.77	.10	-1.23	.18	-.31	.15	-.19	14.46	-4.25
HOWARD	.24	-.15	.47	-.13	.39	-.71	3.25	.84	4.40	1.45	1.38	-2.79	4.03	1.16	2.33	-.17	1.47	-.86	.15	-1.37	.61	-.15	.99	.06	19.51	-2.78
HURON WSO AP //R	.13	-.30	.49	-.26	.35	-.72	3.11	1.15	3.66	.91	2.20	-1.56	2.49	.26	1.81	-.17	.99	-.79	.13	-1.40	.27	-.40	.26	-.27	15.89	-3.33
IROQUOIS	F .61		F .38		.10		3.86		3.75		1.95		2.49		1.16		1.07		.14		.49		.49		F 16.09	
MADISON RESEARCH FARM	.13		1.05		.90		3.92		3.17		.92		3.76		1.67		2.79		.14		.81		.69		19.95	
MILLER	.70	-.27	1.07	.48	.32	-.55	3.54	1.28	4.78	1.93	1.57	-2.41	2.35	-.07	2.82	.56	.44	-1.21	.05	-1.43	.53	-.12	.48	.03	18.15	-1.78
RAYMOND 3 NE	.14	-.29	.21	-.28	.60	-.17	2.34	.51	3.69	1.15	3.33	-.21	1.42	-1.51	2.40	.10	.60	-1.19	.24	-1.24	.47	-.15	.12	-.30	15.76	-3.58
REDFIELD 6 E	T		.36		.54		2.08		-		-		1.85		2.27		.64		.14		.74		.21		-	
ROCKHAM 2 SW	.05		.54		.41		-		-		-		-		-		-		-						-	
WATERTOWN FAA AP //R	.14	-.36	.29	-.39	.75	-.24	3.38	1.26	5.15	1.96	2.76	-1.49	2.08	-1.09	2.43	-.14	2.32	.42	.53	-.92	.59	-.28	.40	-.25	20.32	-1.30
WENTWORTH 2 WNW	.14	-.34	.42	-.33	.50	-.64	3.63	1.24	3.00	-.29	.66	-3.67	4.07	.81	2.06	-.85	2.96	.53	.10	-1.54	.73	-.16	.46	-.17	18.73	-5.61
WESSINGTON 5 S	.06		.64		.28		3.75		3.07		2.94		3.12		2.52		1.39		T		.34		.25		18.36	
WESSINGTON SPRINGS	.06		.24		.28		4.23		4.46		1.81		3.74		.54		.88		.12		.42		.28		16.56	
WESSINGTON SPRGS 8 SW	.08	-.62	1.30	.38	.07	-1.52	3.86	1.62	3.96	.92	1.67	-2.20	2.87	.32	.32	-2.04	.70	-1.00	.10	-1.42	.29	-.55	.43	-.29	15.65	-6.40
WOLSEY	.22		.95		.33		-		-		-		-		-		-		-		-		-		-	
DIVISION	.21	-.22	.47	-.18	.58	-.45	3.28	1.11	4.09	1.03	1.90	-2.21	3.06	.14	2.50	-.05	1.70	-.33	.21	-1.36	.60	-.15	.43	-.11	19.03	-2.78
• • • SOUTH CENTRAL 08																										
ACADEMY	.30	-.22	1.60	.93	.22	-.98	4.28	1.84	5.04	1.79	2.13	-2.12	3.12	.55	.64	-1.91	.67	-1.22	.53	-.62	.14	-.60	.26	-.22	18.93	-2.98
CEDAR BUTTE	.03		.99		.12		3.20		4.59		2.42		3.74		1.76		.72		.44		E .72		.21		E 18.94	
GREGURY	.48	-.09 F	1.36	.55	.72	-1.17	3.02	2.36	2.90	-.15	2.83	-1.57	2.96	.51	1.52	-.90	.58	-1.44	.66	-.80	.55	-.41	.40	-.27	E 19.48	-3.32
HARRINGTON	.13		.83		.24		3.13		3.28		1.35		3.91		3.87		.79		.19		.48		.77		20.97	
MISSION	E .16		1.00		.03		3.59		3.07		1.97		3.49		2.41		.95		.31		.29		.35		E 17.82	
MISSION 14 SSE	.25		1.33		.37		3.20		3.82		2.53		4.94		1.92		.95		.72		.60		.55		19.88	
WINNER	.12	-.33	1.33	.75	.25	-.87	6.37	4.01	2.68	-.33	2.40	-1.64	4.75	2.19	1.85	-.88	1.33	-.49	.52	-.70	.63	-.30	.30	-.18	22.53	1.23
WOOD	.20	-.30	1.45	.79	.12	-1.06	4.12	1.92	3.79	.49	2.90	-1.10	3.32	.87	1.50	-.61	.65	-.95	.53	-.71	.52	-.16	.54	.06	19.64	-.76
DIVISION	.21	-.23	1.24	.60	.20	-.96	4.11	1.85	3.90	.79	2.34	-1.86	3.75	1.33	1.88	-.56	.83	-.91	.43	-.84	.47	-.24	.42	-.06	19.78	-1.07
• • • SOUTHEAST 09																										
ALEXANDRIA	.09	-.25	.40	-.18	.34	-.80	4.43	2.06	3.61	.69	3.00	-1.06	5.33	2.47	7.36	4.80	1.82	-.43	.08	-1.44	.94	-.14	.19	-.31	27.19	5.36
ARMOUR	E .28	-.20	2.29	1.51	.30	-1.04	2.46	.13	4.84	1.96	1.80	-2.47	6.20	3.51	2.70	-.05	2.48	.21	.44	-1.02	.24	-.56	.48	-.13	E 24.51	1.85
BONESTEEL	.25	-.22	2.03	1.20	.50	-1.23	5.38	2.70	3.56	-.14	4.10	-.45	5.35	2.76	3.21	.28	1.35	-.95	.50	-1.12	.28	-.59	.22	-.27	E 26.73	1.97
BRIDGEWATER	.49		F .47		E .33		3.84		4.79		3.12		5.32		6.55		2.79		.36		E .48		E .70		E 29.24	
CANISTOTA 2 N	.47	.00	.44	-.39	.17	-1.14	4.32	2.23	3.26	.16	3.72	-.66	5.07	1.89	4.24	1.38	1.87	-.59	.14	-1.43	.65	-.16	1.08	.48	25.43	1.77
CANTON 4 WNW	.19	-.34	.28	-.79	.61	-.81	3.58	1.23	2.75	-.42	3.97	-.48	7.04	4.20	4.39	1.09	1.27	-1.51	.15	-1.41	.42	-.44	.38	-.43	23.03	-.11
CENTERVILLE 6 SE	.40	-.10	.46	-.72	.43	-.94	3.39	.97	3.08	-.40	1.94	-2.76	10.61	7.50	2.96	-.08	1.59	-1.09	.37	-1.28	.44	-.50	.52	-.10	26.19	.50
CHESTER	-		-		-		4.10		3.48		1.87		4.49		2.95		2.43		.19		.71		.90		-	
COLTON	-		-		-		3.64		3.04		1.80		5.71		2.81		2.29		.12		.51		.66		-	
MARION	.56	.07	.56	-.37	.45	-.99	4.20	1.88	2.81	-.65	3.86	-.51	5.47	2.46	5.32	2.67	2.51	-.15	.17	-1.50	.38	-.47	.82	.13	27.31	2.57
MENNO	.41	-.07	.81	-.01	.46	-.86	4.12	1.98	2.07	-1.35	1.33	-3.13	7.76	4.57	1.79	-.98	2.42	-.15	.29	-1.24	.36	-.48	.56	-.09	22.38	-1.81
MITCHELL 2 NE	.18	-.20	.47	-.17	.36	-.83	3.75	1.39	2.89	-.26	1.47	-2.46	4.72	1.73	3.33	.50	1.78	-.46	.13	-1.46	.49	-.30	.49	-.01	19.56	-2.53
PICKSTOWN //	.27		.85		.49		5.03		2.92		1.61		3.89		2.74		1.82		.68		.51		.45		20.76	
PLATTE	.10		1.04		.23		3.66		4.09		3.40		3.48		2.05		.66		.73		.53		.46		20.23	
SIOUX FALLS WSO AP //R	.47	-.10	.33	-.71	.56	-.84	3.98	1.68	3.47	.10	2.91	-1.41	4.79	1.85	3.08	.24	2.45	-.40	.14	-1.36	.48	-.37	.51	-.23	23.17	-1.55
TYNDALL 1 N	.29	-.17	1.33	.59	.41	-.91	3.99	1.64	1.84	-1.59	1.90	-2.41	9.24	6.04	1.52	-1.35	1.69	-.82	.67	-.73	.58	-.22	.86	.28	24.32	.39
VERMILLION 2 SE	.09	-.36	.62	-.23	.26	-.91	3.42	1.18	3.47	-.30	.88	-3.40	7.41	4.07	2.75	-.44	.81	-1.74	.63	-.94	.56	-.28	.52	-.19	21.42	-3.61
WAGNER	.08	-.56	1.57	.58	.28	-1.38	4.94	2.30	3.33	-.08	2.42	-1.93	6.04	3.17	2.96	.13	2.15	-.46	1.00	-.51	.96	.08	.89	.03	26.62	1.37
WHITE LAKE 4 NE	T	-.48	.97	.31 E	.09	-1.07	4.26	1.96	4.01	.68	.81	-3.09	4.06	1.62	.88	-1.99	.63	-1.12	.19	-1.29	.12	-.61	.28	-.22	E 16.32	-5.30
YANKTON 3 N	.34	-.06	.60	-.10	.27	-.92	3.27	1.09	2.90	-.74	2.31	-2.36	7.96	4.92	1.71	-1.40	1.43	-.98	.31	-1.00	.39	-.48	.31	-.20	22.00	-2.23
DIVISION	.27	-.20	.88	.05	.38	-.97	4.00	1.65	3.27	-.05	2.34	-2.00	6.31	3.40	3.33	.47	1.78	-.66	.39	-1.14	.45	-.36	.31	-.11	23.91	.06

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
[illegible]	.19	-.18	.81	-.16	.76	-.78	.70	-1.58	1.19	-1.96	4.93	.87	3.77	1.57	2.83	1.02	.35	-.87	.69	-.21	.09	-.91	.07	-.33	15.66	2.96
[illegible]	.78		.10		.36		.57		1.31		5.10		2.65		2.90		T		1.99		.08		.10		15.49	
[illegible]	.44		.73		.38		.48		1.16		5.26		3.44		2.23		.00		1.53		.13		.03		15.36	
[illegible]	.49	-.04	.76	-.70	.99	-.34	.77	-1.10	1.63	-1.81	4.16	.50	3.48	1.37	2.38	.77	.19	-1.06	1.25	.35	.17	-.29	.04	-.32	15.28	1.67
[illegible] CO																										
[illegible]	.52		.29	E	1.25		1.53		2.26		4.58		4.70		3.56		.00		1.56		.09		.04	E	20.38	
[illegible]	.50	E	.04		-		-		-		-		-		-		-		-		-		-		-	
[illegible]	.42		.09		.96		1.47		1.00		3.32		5.67	E	1.59		.29		1.44		.05		.13	E	16.63	
[illegible]	-		-		-		-		-		-		-		-		T	E	1.00		.00		T		-	
[illegible]	.78		.30		.76		.79		.90		1.96		3.27		3.83		.20		.91		.04		.04		12.76	
[illegible]	.69	E	.18		1.62		2.08		1.81		2.33		3.38		3.02		T		1.43		.16		.04	E	16.72	
[illegible]	.66	.35	.34	-.19	.85	.01	1.25	-.66	2.58	.03	2.67	-1.30	4.51	1.97	2.99	.64	.05	-1.56	1.30	.05	.15	-.40	.10	-.30	17.43	1.36
[illegible]	.79		.25		.69		1.18		1.33		1.96		5.16		3.93		.00		1.47		.16		.05		16.95	
[illegible]	.17		.23		1.20		1.06		1.25		4.13		4.28		2.23		.06		1.13		T		.08		15.82	
[illegible]	.41	.28	.02	-.51	1.74	.91	1.37	-.55	1.87	-.82	1.92	-1.61	5.71	3.66	3.44	1.10	.39	-1.13	1.96	.93	.07	-.56	.02	-.35	19.12	1.35
[illegible]	.90	-.08	.30	-.21	.89	.03	1.62	-.02	3.32	-1.32	3.00	-.48	5.21	3.62	1.86	.13	.19	-1.23	.69	-.17	.09	-.38	.12	-.26	15.69	-.37
[illegible]	.29	-.04	.04	E	.38	E	1.61		1.58		2.26		4.55		2.80		.02		1.30		.31		.00	E	15.10	
[illegible]	.43		.22		.85		1.33		1.39		6.46		2.66		1.28		.04		1.39		.08		.06		16.29	
[illegible]	.12	-.09	.05	-.42	1.17	.28	.87	-1.09	2.11	-.71	5.30	1.46	2.74	.95	2.47	.46	.00	-1.35	1.11	.03	.03	-.47	.14	-.22	16.31	1.13
[illegible] DAM	.48		.03		.96		1.05		1.26		3.39		3.67		1.84		.04		.53	E	.07	E	.04	E	13.36	
[illegible]	.85		.77		1.64		1.66		2.12		2.86		3.41		4.66		.07		1.29		.37	E	.05	E	19.75	
[illegible]	-		-		-		-		-		-		4.52		4.08		.00		1.30		.81		T		-	
[illegible]	.57	.12	.22	-.48	1.25	.39	1.26	-.44	1.36	-1.48	5.68	1.85	5.19	3.01	3.53	1.37	.08	-1.35	1.35	.40	.17	-.34	.14	-.36	20.80	2.69
[illegible]	.65		.04		1.03		1.33		1.36		2.78		3.56		5.95		.33		2.10		.04		.11		19.26	
[illegible]	.79		.02		1.86		1.84		1.98		1.52		3.95		2.67		T		1.80		.23		.06		16.72	
DIVISION	.53	.18	.19	-.33	1.13	.31	1.35	-.46	1.61	-1.16	3.21	.50	4.08	2.06	3.07	.97	.09	-1.37	1.30	.29	.12	-.38	.07	-.29	16.75	.68
EAST CENTRAL 07																										
[illegible]	-		.45	-.23	1.60	.49	2.93	.56	2.98	-.15	-		-		-		-		-		-		-		-	
BROOKINGS 2 NE	1.18	.82	.21	-.50	1.92	1.02	2.54	.53	3.61	.41	3.68	.94	2.88	.04	3.85	.99	1.04	-1.20	3.44	1.97	.38	-.28	T	-.97	24.73	2.59
BRYANT 1 NE	1.41		.45		1.87		3.39		2.02		4.14		3.30		2.02		.86		2.81		.27		.28		22.80	
CASTLEWOOD	2.45	2.00	.56	-.04	1.58	.63	3.19	1.14	2.40	-.66	3.99	.24	2.74	-.49	2.77	.29	.49	-1.72	3.36	1.72	.23	-.55	.07	-.51	23.74	1.57
CLARK	1.78	1.32	.51	-.13	1.88	.93	2.86	.78	1.37	-1.59	4.69	.88	5.14	1.98	5.32	.68	.21	-1.67	2.10	.52	.12	-.63	.26	-.31	24.22	2.56
CLEAR LAKE	2.39	1.85	.55	-.13	1.75	.54	3.02	.68	2.48	-.62	4.01	-.19	2.62	-.96	6.04	3.17	.66	-1.68	3.62	2.09	.22	-.73	.16	-.50	27.52	3.52
DE SMET	.67	-.09	.35	-.30	1.97	.83	3.20	.89	2.28	-.91	3.35	1.33	3.99	1.02	2.49	.13	.08	-2.01	2.58	.79	.46	-.49	.19	-.46	19.61	4.00
ELKOREAU	1.52	1.19	.24	-.53	2.12	.99	3.06	.85	3.75	.46	3.13	1.36	4.09	1.10	6.04	3.39	2.00	-.68	3.01	1.44	.37	-.41	T	-.50	29.43	5.89
FORESTBURG 3 NE //	1.33	.83	.47	-.20	2.13	.92	2.83	.52	1.92	-1.10	2.10	-1.61	5.30	2.33	2.66	.14	.55	-1.33	2.98	1.19	.77	-.03	.13	-.50	23.17	1.16
GANN VALLEY	.64	.32	.06	-.39	1.76	.90	1.43	-.37	1.79	-.94	2.22	-1.41	4.71	2.17	2.45	.07	.03	-1.67	1.43	.10	.10	-.39	T	-.34	16.62	2.09
HOWARD	1.58	1.19	.50	-.10	1.85	.75	2.89	.98	3.00	-.15	3.68	.99	3.97	1.12	3.53	1.03	1.63	-.68	2.46	.94	.38	-.38	.07	-.46	25.54	3.25
HURON WSO AP //R	.89	.46	.29	-.46	1.96	.89	2.23	.27	1.64	-1.11	2.37	-1.39	2.61	-.38	1.50	-.48	.29	-1.55	1.97	.44	.22	-.46	.04	-.49	15.95	3.49
IROQUOIS	.96	E	.36		2.12		2.71		2.48		2.69		2.89		1.13		.19		2.71		.37		.11	E	10.72	
MADISON RESEARCH FARM	1.20		.53		2.21		2.88		4.06		3.04		3.85		4.49		1.66		2.96		.75		.10		27.73	
MILLER	.98	.51	.45	-.14	2.01	1.14	2.38	.12	2.08	-.77	2.16	-1.62	3.85	1.43	3.33	1.07	.00	-1.65	1.35	.13	.78	.13	T	-.45	19.37	-.56
RAYMOND 3 NE	.75	.32	.19	-.30	1.76	.99	2.83	1.00	1.20	-1.34	3.48	-.06	4.19	1.66	3.68	1.38	.03	-1.76	1.74	.26	.10	-.52	.02	-.40	20.57	1.23
REDFIELD 6 E	1.06		.30		2.31		2.57		1.67		2.57		3.92		3.47		.00		1.59		.49		.10		20.05	
ROCKHAM 2 SW	-		-		-		-		-		-		-		-		-		-		-		-		-	
WATERTOWN FAA AP //R	2.11	1.63	.46	-.22	1.88	.89	3.14	1.02	2.17	-1.02	5.78	2.03	3.10	.07	5.21	2.66	.53	-1.37	3.50	2.05	.26	-.61	.29	-.36	28.43	6.61
WENTWORTH 2 WNW	1.84	.96	.99	-.26	2.38	1.04	2.88	.49	4.44	1.15	3.18	-1.15	4.10	.84	4.09	1.18	1.39	-1.04	2.83	.79	.86	-.03	.06	-.57	27.74	3.40
WESSINGTON 5 S	.70		.09		1.90		1.87		2.03		2.97		2.96		4.61		T		1.67		.04		.04		18.88	
WESSINGTON SPRINGS	.97		.11		2.20		1.94		2.38		2.49		4.40		3.05		.10		2.32		.98		.02		20.46	
WESSINGTON SPNGS 7 SW	1.16	.46	.39	-.53	1.89	.30	1.87	-.37	2.53	-.51	2.17	-1.70	4.65	2.10	2.32	-.04	.02	-1.68	1.68	.16	.82	-.02	.03	-.69	19.53	2.52
DIVISION	1.39	.96	.38	-.27	1.99	.96	2.69	.52	2.57	-.49	3.28	-.83	3.70	.78	3.64	1.09	.66	-1.37	2.57	1.00	.43	-.32	.09	-.45	23.39	1.58
SOUTH CENTRAL 08																										
ACADEMY	1.12	.60	.01	-.66	1.73	.53	2.31	-.13	2.74	-.51	2.12	2.13	5.54	2.97	2.31	-.24	.40	-1.49	2.60	1.25	1.51	.77	T	-.48	22.39	.48
CEDAR BUTTE	.56		.03		.77		1.17		1.46		7.86		3.79		2.96		1.37		1.31		.04		.01		21.29	
GREGORY	1.40	.89	.15	-.66	1.68	.29	2.46	.00	2.02	-.03	3.31	1.09	2.72	.27	.02	1.50	2.12	-.10	3.57	2.11	1.15	.19	.06	-.61	22.76	.09
HARRINGTON	.89		.04		.63		1.27		1.69		5.25		2.93		1.03		.56		1.55		.78		.08		16.25	
MISSION	.51		.02		.62		1.20		2.85		6.31		2.66		1.92		.81		1.89		.84		.02		19.99	
MISSION 14 SSE	1.00		.10		1.14		1.44		2.90		5.33		3.66		.65		1.52		2.34		.83		.02	E	20.93	
WINNER	1.29	.84	.18	-.40	2.60	1.48	2.67	.31	2.38	-.63	3.78	-.46	3.79	1.23	2.35	-.38	1.64	-.18	3.50	2.28	.30	-.43	.12	-.36	24.60	3.30
WOOD	1.00	.50	.10	-.56	1.67	.49	1.39	-.81	1.92	-1.38	2.31	-1.69	3.33	.88	2.11	.00	1.06	-.54	2.01	.77	.80	.12	.21	-.27	17.91	2.49
DIVISION	.92	.48	.08	-.56	1.36	.20	1.76	-.50	2.36	-.75	4.51	.31	3.55	1.11	1.78	-.64	1.19	-.55	2.35	1.08	.78	.07	.06	-.42	20.70	-.15
SOUTHEAST 09																										
ALEXANDRIA	.97	.63	.17	-.81	1.99	.85	2.89	-.52	3.31	-.39	2.71	-1.35	4.47	1.56	1.98	-.58	1.66	-.59	2.29	.77	.63	-.07	.09	-.81	23.14	1.31
ARMOUR	.84	.36	.29	-.49	1.10	.28	1.83	-.57	3.09	.21	3.25	-1.02	4.31	1.62	.94	-1.81	1.98	-.29	1.50	.04	1.62	-.82	.03	-.58	20.78	1.66
BONESTEEL	1.23	.76	.02	-.81	2.48	.75	2.05	-.63	3.65	-.05	4.95	.40	3.00	.41	3.80	.87	2.75	-.45	4.25	2.63	1.52	.65	T	-.49	29.70	4.94
BRINGEWATER	1.59		.36		2.96		2.00	E	3.44		3.23		3.54	E	3.92		1.77	E	3.15		.63		.07	E	26.66	
CANISTOTA 2 N	1.69	1.22	.38	-.45	2.39	1.08	2.09	-.00	3.20	-.10	4.28	-.10	3.09	-.09	2.57	-.29	1.81	-.65	2.69	1.12	.99	-.18	.06	-.54	25.24	1.58
CANTON 9 WNW	1.00	.47	.37	-.70	3.46	2.04	2.27	-.08	4.22	1.05	2.82	-1.63	2.26	-.58	5.32	2.01	2.11	-.67	3.42	1.85	1.69	.83	.06	-.75	28.98	3.84
CENTERVILLE 6 SE	1.11	.61	.48	-.70	3.68	2.31	1.87	-.55	4.01	.53	2.69	-2.01	1.56	-1.55	5.11	2.07	1.88	-.80	3.30	1.65	1.08	.94	.13	-.49	27.70	2.01
CHESTER	1.97		.54		2.98		3.37		4.12		3.71		6.66		6.27		3.35		2.91		1.35		.18		37.45	
COLTON	1.21		.70		2.85		2.82		4.43		3.73		3.97		4.59		2.85		2.98		1.34		.07		31.55	
MARION	1.32	.83	.40	-.53	2.09	.65	2.34	.02	3.82	.36	4.01	.36	3.06	-.15	3.32	.67	1.85	-.81	2.30	.63	1.52	.67	.11	-.58	26.14	1.40
MENNO	.83	.35	.23	-.59	2.83	1.51	3.51	1.37	3.01	-.41	3.55	-.91	2.41	-.78	2.32	-.45	1.65	-.72	2.41	.88	1.32	-.48	.12	-.53	24.39	-.20
MITCHELL 2 NE	1.33	.95	.29	-.35	2.26	1.07	2.92	-.56	3.76	.61	3.08	-.85	4.26	1.77	1.95	-.88	.84	-1.40	2.55	.96	1.02	-.23	.04	-.96	24.30	2.21
PICKSTOWN //	1.09		.13		2.02		2.46		4.46		4.46		1.61		1.50		2.12		3.96		1.60		.06		21.39	
PLATTE	1.44		.09		2.33		1.90		2.65		2.91		4.07		1.14		1.24		2.70		.71		.06		21.14	
SIOUX FALLS WSO AP //R	1.14	.57	.41	-.63	3.47	2.07	2.75	-.45	4.90	1.53	3.01	-1.31	3.13	.19	4.35	1.61	4.03	-1.18	3.30	1.80	1.72	.87	.04	-.70	32.25	7.93
TYNDALL 1 N	1.24	.78	.23	-.51	2.75	1.43	3.46	1.11	3.67	-.24	2.33	-1.98	2.16	-2.00	1.69	-1.18	2.03	-.48	2.89	1.09	2.99	2.19	.13	-.45	25.17	1.24
VERMILLION 2 SE	.77	.30	.22	-.63	4.05	2.88	1.78	-.46	5.49	1.72	3.48	-.80	3.55	.16	3.80	.61	2.93	-.38	3.30	1.73	2.43	1.59	.50	-.21	32.30	7.27
WAGNER	1.32	.68	.35	-.64	2.33	-.67	2.33	-.31	3.34	-.07	5.54	1.19	2.75	-.12	1.92	-.91	2.62	-.01	2.96	1.45	2.38	1.50	.17	-.69	28.01	2.76
WHITE LAKE 4 NE	1.13	.85	.23	-.43	2.60	1.44	2.02	-.26	2.68	-.65	3.35	-.55	3.80	1.16	1.91	-.96	.35	-1.42	2.50	1.02	.66	-.07	.10	-.40	21.53	-.29
YANKTON 3 N	.58	.18	.21	-.49	3.69	2.50	2.07	-.11	3.78	.14	3.37	1.30	3.57	.53	2.00	-1.11	1.76	-.65	2.75	1.24	1.82	.95	.20	-.31	25.80	1.57
DIVISION	1.11	.64	.27	-.56	2.74	1.39	2.41	.06	3.66	.34	3.49	-.85	3.09	-.18	2.86	.00	2.03	-.41	2.78	1.25	1.59	-.76	.12	-.50	26.15	2.30

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	JANUARY PRECIP.	JANUARY DEPARTURE	FEBRUARY PRECIP.	FEBRUARY DEPARTURE	MARCH PRECIP.	MARCH DEPARTURE	APRIL PRECIP.	APRIL DEPARTURE	MAY PRECIP.	MAY DEPARTURE	JUNE PRECIP.	JUNE DEPARTURE	JULY PRECIP.	JULY DEPARTURE	AUGUST PRECIP.	AUGUST DEPARTURE	SEPTEMBER PRECIP.	SEPTEMBER DEPARTURE	OCTOBER PRECIP.	OCTOBER DEPARTURE	NOVEMBER PRECIP.	NOVEMBER DEPARTURE	DECEMBER PRECIP.	DECEMBER DEPARTURE	ANNUAL PRECIP.	ANNUAL DEPARTURE
[illegible]	[illegible]		[illegible]		.41		.88		1.40		1.53		.72		2.18		E .30		1.82		.32		.55		E 10.86	
[illegible]	.79	-[illegible]	[illegible]	-[illegible]	.88	-.13	1.13	-.96	1.58	-1.23	4.75	1.08	1.78	-.32	2.38	.91	.48	-.74	2.28	1.42	.57	.09	.66	.27	17.18	.06
[illegible]	[illegible]	-[illegible]	[illegible]	-.20	.76	-.28	1.31	-.97	1.88	-1.30	1.19	-2.87	1.46	-.74	2.58	.77	.49	-.73	2.34	1.44	.28	-.22	.63	.23	13.35	-5.27
[illegible]	[illegible]		[illegible]		-		-		-		-		-		-		.41		2.28		.50		.81		-	
[illegible]	[illegible]		[illegible]		.62		.98		1.37		2.61		1.37		2.11		.45		2.34		.35		.83		13.47	
[illegible]	[illegible]	-[illegible]	.39	-.01	1.00	.17	1.25	-.62	1.67	-1.37	2.59	-1.09	1.39	-.72	2.17	.56	.35	-.90	2.07	1.17	.51	.05	.76	.40	14.35	-2.60
[illegible] 06																										
[illegible]	.12		.70		.44		.08		1.36		4.48		2.16		3.38		.27		3.76		.22		.33		16.80	
[illegible]	-		-		-		-		-		-		-		-		-		2.69		.25		E 1.10		-	
[illegible]	.90		.52		.85		.56		2.25		2.72		.96		2.99		.42		2.75		.37		.55		15.24	
[illegible]	T		.10		.26		.30		.50		2.29		.73		1.73		.00		4.16		.15		E .42		E 10.64	
[illegible]	.14		.28		.24		.27		.68		3.59		.92		1.93		.16		4.09		.02		.13		12.43	
[illegible]	.70		.29		.97		.00		.47		3.40		.79		4.29		.28		3.32		.47		.73		15.31	
[illegible]	.49	.14	.38	-.15	.65	-.19	1.25	-.64	.95	-1.60	3.77	-.20	2.25	-.29	2.90	.55	.43	-1.18	3.30	2.05	.18	-.37	.41	.01	16.92	-1.87
[illegible]	.71		.45		.45		1.30		.85		3.63		1.92		4.22		.56		2.07		.26		.18		16.10	
[illegible]	.09		E .54		.60		1.04		.86		5.29		1.73		2.10		.86		3.04		.20		.38		E 16.73	
[illegible]	.10	-.7[illegible]	.11	-.42	.53	-.30	.40	-1.52	.66	-2.03	3.36	-.17	1.05	-1.00	4.15	1.81	.17	-1.35	3.26	2.23	.30	-.33	.41	.04	14.50	-3.27
[illegible]	.11	-.36	.55	.04	.60	-.26	.68	-.96	.43	-2.21	3.29	-.23	1.90	.31	2.10	.37	.69	-.73	2.99	2.13	.27	-.15	.98	.60	14.56	-1.45
[illegible]	.19		.30		.97		.18		1.30		4.74		1.70		3.75		.36		3.27		.14		.37		17.43	
[illegible]	.34		.30		.72		.52		.43		2.87		1.27		2.81		.53		3.23		.35		.92		14.29	
[illegible]	.29	-.08	.32	-.15	1.24	.35	.36	-1.60	1.21	-1.61	1.72	-2.12	1.51	-.28	1.92	-.09	.33	-1.02	2.96	1.88	.76	.26	1.12	.76	13.74	-3.70
[illegible]	.16		.23		.60		.07		.45		3.40		.90		1.06		.79		E 2.04		E .19		.21		E 10.10	
[illegible]	.30		.44		.89		.15		.47		2.13		2.00		1.67		.95		3.63		.31		.61		13.55	
[illegible]	.28		.37		.24		1.34		1.60		2.27		-		-		-		-		.20		.05		-	
PIERRE FAA AP	.32	-.13	.27	-.43	.55	-.31	.75	-.95	1.44	-1.40	2.86	-.97	1.23	-.95	2.91	.75	.08	-1.35	4.25	3.30	.23	-.28	.54	.04	15.43	-2.68
[illegible]	.18		.37		.81		.60		.58		1.76		1.17		4.66		.08		3.07		.44		.48		14.20	
[illegible]	.26		.21		.33		.39		.90		3.70		.90		3.75		.00		4.63		.06		.15		15.28	
DIVISION	.23	-.12	.32	-.20	.65	-.17	.52	-1.29	.76	-2.01	3.24	-.47	1.37	-.65	2.87	.77	.39	-1.07	3.29	2.28	.27	-.23	.54	.18	14.45	-2.98
EAST CENTRAL 07																										
ARLINGTON 2 SW	-		-		-		-		1.72	-1.41	4.89	.52	1.03	-1.99	4.05	1.37	-		1.86	.22	.16	-.66	-		-	
BROOKINGS 2 NE	.13	-.23	.41	-.10	.53	-.37	.34	-1.71	1.09	-2.11	9.28	4.70	2.58	-.26	3.93	1.07	.42	-1.82	.84	-.63	.02	-.64	.05	-.42	19.62	-2.52
BRYANT 1 NE	.27		.82		.60		.59		1.03		5.81		2.89		3.90		.78		1.70		.16		.20		18.75	
CASTLEWOOD	.34	-.11	.55	-.05	.79	-.16	.25	-1.80	1.44	-1.62	11.71	7.48	2.95	-.28	2.94	.46	.79	-1.33	1.24	-.40	.12	-.66	.13	-.45	23.25	1.08
CLARK	.74	.26	.72	.08	.64	-.29	.98	-1.10	.97	-1.99	5.06	1.25	2.33	-.83	4.86	2.22	.71	-1.37	1.59	.01	.05	-.70	.15	-.42	18.80	-2.86
CLEAR LAKE	.32	-.22	.67	-.00	.69	-.52	.13	-2.21	2.54	-.56	7.97	3.77	2.72	-.86	4.64	1.77	.78	-1.58	1.16	-.37	.06	-.89	.14	-.52	21.82	-2.18
DE SMET	.42	-.16	.46	-.19	.69	-.45	.67	-1.64	1.71	-1.48	5.27	.59	1.86	-1.15	4.17	1.55	.95	-1.14	1.34	-.45	.08	-.82	.10	-.55	17.72	-5.89
FLANDREAU	.14	-.29	.39	-.38	.59	-.54	.51	-1.70	1.41	-1.88	3.91	-.58	1.78	-1.11	6.33	3.63	.84	-1.84	2.04	.47	T	-.78	.05	-.45	18.09	-5.45
FORESTBURG 3 NE //	.25	-.25	.36	-.31	.80	-.41	.93	-1.38	.55	-2.47	5.05	1.34	1.41	-1.56	2.93	.41	.26	-1.62	1.63	.16	.13	-.67	.43	.20	14.73	-7.28
GANN VALLEY	.13	-.19	.17	-.28	.42	-.44	.23	-1.57	1.16	-1.57	4.98	1.35	1.34	-1.20	4.22	1.70	.20	-1.50	3.81	2.48	.11	-.38	.26	.08	17.03	-1.68
HOWARD	.24	-.15	.52	-.08	.75	-.35	.86	-1.55	1.31	-1.84	4.57	.40	1.84	-1.01	4.53	2.03	.19	-2.12	1.39	-.13	.02	-.74	.44	-.09	16.66	-3.63
HURON WSO AP //R	.25	-.18	.49	-.26	.81	-.26	.82	-1.14	1.68	-1.07	5.31	1.55	3.21	.98	3.94	1.96	.53	-1.25	.91	-.62	.08	-.59	.12	-.41	18.15	-1.29
IROQUOIS	.09		.30		.63		1.23		1.04		5.55		1.84		3.75		.41		1.20		.09		.30		16.43	
MADISON RESEARCH FARM	.20		.82		1.05		.61		1.47		2.48		2.09		6.00		.74		1.45		T		.42		17.33	
MILLER	.33	-.14	.40	-.19	E .46	-.41	1.28	-.98	1.78	-1.07	E 3.82	-.16	2.90	.48	2.47	.21	.21	-1.44	1.26	-.22	.32	-.33	.15	-.30	E 25.38	-9.55
RAYMOND 3 NE	.37	-.06	.23	-.26	.27	-.50	.93	-.90	.65	-1.89	7.60	4.06	2.08	-1.05	2.48	.18	.20	-1.59	2.23	.75	.13	-.49	.03	-.39	17.20	-2.14
REDFIELD 6 E	.37		.41		.39		1.25		1.85		4.74		3.20		3.88		.50		1.19		E .17		E .09		E 18.04	
WATERTOWN FAA AP //R	.70	.22	.61	-.07	.81	-.18	.43	-1.69	1.56	-1.63	6.75	3.00	1.61	-1.56	3.47	.90	.50	-1.40	.86	-.59	.14	-.73	.13	-.52	17.57	-4.25
WENTWORTH 2 WNW	.16	-.32	.49	-.26	.57	-.77	.51	-1.88	1.60	-1.69	7.70	3.37	2.13	-1.13	6.33	3.42	.20	-2.23	1.64	.00	T	-.89	.28	-.35	21.61	-2.73
WESSINGTON 5 S	.18		.51		.49		1.42		2.01		4.00		2.60		3.52		.30		2.17		.44		.14		17.78	
WESSINGTON SPRINGS	.18		.30		1.13		1.07		1.58		3.52		.94		3.43		.31		1.95		.08		.21		16.20	
WESSINGTON SPNGS 7 SW	.21	-.49	.28	-.64	.58	-1.01	1.00	-1.24	2.56	-.48	4.01	.14	.99	-1.56	3.09	.73	.04	-1.66	1.92	.40	.01	-.83	.30	-.42	14.99	-7.06
DIVISION	.31	-.12	.49	-.16	.70	-.33	.68	-1.49	1.48	-1.58	5.76	1.65	2.19	-.73	4.29	1.74	.51	-1.52	1.52	-.05	.09	-.66	.20	-.34	18.22	-3.59
SOUTH CENTRAL 08																										
ACADEMY	.21	-.31	.21	-.46	.58	-.62	.95	-1.49	2.46	-.79	2.95	-1.30	.82	-1.75	3.99	1.44	1.12	-.77	3.10	1.75	.05	-.69	.42	-.06	16.86	-5.05
CEDAR BUTTE	.13		.21		1.06		E .61		.69		2.51		1.03		E 3.58		.75		2.69		.36		.50		E 14.14	
GREGORY	.24	-.27	.08	-.73	.30	-1.09	.72	-1.94	2.66	-.39	4.05	-.35	1.96	-.49	4.43	2.01	.18	-1.84	2.13	.67	.12	-.84	.90	.23	17.77	-5.03
HARRINGTON	.27		.21		1.26		1.01		1.75		2.41		1.05		2.38		.70		1.85		.26		.60		13.75	
MISSION	.23		.23		1.29		.62		1.43		2.37		.64		3.66		.49		1.68		.28		1.07		13.99	
MISSION 14 SSE	.08		1.68		1.41		.51		E 1.80		8.22		1.10		5.11		.51		1.74		.18		.69		E 23.23	
WINNER	.29	-.16	.42	-.18	1.29	.17	.57	-1.79	1.78	-1.23	3.65	-.59	2.07	-.49	4.77	2.04	.87	-.95	2.30	1.08	.27	-.46	.71	.23	18.99	-2.31
WOOD	.21	-.29	.25	-.41	1.35	.17	.84	-1.36	.87	-2.43	1.43	-2.57	1.24	-1.21	3.16	1.05	.47	-1.13	1.73	.49	.43	-.25	1.09	.61	13.07	-7.33
DIVISION	.22	-.23	.41	-.23	1.07	-.09	.73	-1.53	1.68	-1.43	3.45	-.75	1.26	-1.16	3.89	1.47	.64	-1.10	2.15	.88	.25	-.46	.75	.27	16.49	-4.36
SOUTHEAST 09																										
ALEXANDRIA	.27	-.07	.35	-.23	.76	-.38	.49	-1.68	.77	-2.15	2.56	-1.50	1.07	-1.69	3.04	.48	.27	-1.98	1.21	-.31	.01	-.67	.21	-.29	11.01	-10.82
ARMOUR	.38	-.10	.46	-.32	E .97	-.37	E .71	-1.62	1.41	-1.47	2.45	-1.82	.69	-2.05	5.95	3.20	.18	-2.09	1.99	.53	.01	-.79	.31	-.30	E 15.46	-7.20
BONESTEEL	.40	-.07	.30	-.53	1.05	-.68	.90	-1.78	3.60	-.10	1.45	-3.10	3.05	.46	3.75	.82	.25	-2.05	2.30	.68	.00	-.87	E .43	-.06	E 17.48	-7.28
BRIDGEWATER	-		.61		.61		.62		-		-		-		-		1.23		1.36		-		.30		-	
CANISTOTA 2 N	.17	-.30	.85	.02	.76	-.55	.48	-1.61	1.68	-1.42	4.79	.41	2.09	-1.09	3.79	.93	1.33	-1.13	1.47	-.10	.08	-.73	.21	-.39	17.70	-5.96
CANTON 4 WNW	.19	-.34	.44	-.63	.37	-1.05	.92	-1.43	1.41	-1.76	2.08	-2.37	1.74	-1.10	4.82	1.52	1.11	-1.67	1.35	-.21	.01	-.85	.30	-.51	14.74	-10.40
CENTERVILLE 6 SE	.21	-.29	.67	-.51	.30	-1.07	.98	-1.44	2.17	-1.31	2.12	-2.58	1.25	-1.86	6.49	3.45	1.09	-1.59	1.18	-.47	.03	-.91	.54	-.08	17.03	-8.66
CHESTER	.37		.61		.86		.68		1.60		4.03		2.79		5.01		1.52		1.86		.03		.45		19.81	
COLTON	.28		.52		.67		.66		1.64		3.80		2.27		4.59		.60		2.01		.02		.46		17.52	
MARION	.16	-.33	.30	-.63	.63	-.01	E .79	-1.62	1.91	-1.55	2.34	-2.03	.98	-2.23	3.84	1.19	.64	-2.02	1.66	-.01	T	-.85	.36	-.33	E 13.61	-11.22
MENNO	.16	-.32	.29	-.53	.48	-.84	.99	-1.15	1.49	-1.93	1.85	-2.61	.86	-2.33	3.03	.26	.29	-2.28	1.52	-.01	.02	-.82	.37	-.28	11.35	-12.84
MITCHELL 2 NE	.29	-.09	.52	-.12	.85	-.34	.98	-1.38	1.98	-1.27	3.09	-.84	.43	-2.06	4.06	1.23	.44	-1.80	1.34	-.25	T	-.79	.46	-.04	14.34	-7.75
PICKSTOWN //	.30		.14		.82		.39		2.08		2.15		2.74		3.94		1.26		2.00		T		.40		16.22	
PLATTE	.23		.39		1.22		1.09		2.11		2.49		2.12		4.85		.31		2.38		.04		.76		17.99	
SIOUX FALLS WSO AP //R	.18	-.39	.47	-.57	.70	-.70	.77	-1.53	2.52	-.85	2.17	-2.15	1.63	-1.31	2.42	.08	.79	-2.06	1.36	-.14	.02	-.83	.29	-.45	13.82	-10.90
TYNDALL 1 N	.27	-.19	.43	-.31	.66	-.66	1.00	-1.35	1.05	-2.38	1.71	-2.60	1.53	-1.63	4.56	1.69	.29	-2.22	1.48	.08	.01	-.79	.43	-.15	13.42	-10.51
VERMILLION 2 SE	.17	-.30	.34	-.51	.51	-.66	1.74	-.50	3.69	-.08	.78	-3.50	1.28	-2.11	5.31	2.12	1.41	-1.14	1.25	-.32	.06	-.78	.19	-.52	16.73	-8.30
WAGNER	.42	-.22	.27	-.72	.88	-.78	.66	-1.98	2.32	-1.09	1.36	-2.99	1.89	-.98	4.93	2.10	.25	-2.36	1.37	-.14	T	-.88	.55	-.31	14.90	-10.35
WHITE LAKE 4 NE	E .04	-.44	.40	-.76	.70	-.46	.20	-2.10	1.34	-1.99	3.60	-.30	.97	-1.67	3.08	.21	.23	-1.54	1.85	.37	T	-.73	.10	-.40	E 12.31	-9.31
YANKTON 3 N	.20	-.20	.47	-.23	.68	-.51	1.05	-1.13	2.19	-1.45	1.76	-2.91	.73	-2.31	5.06	1.95	.86	-1.55	1.17	-.34	.02	-.85	.41	-.10	14.60	-9.63
DIVISION	.24	-.23	.40	-.43	.69	-.66	.82	-1.53	1.99	-1.33	2.10	-2.24	1.39	-1.52	4.32	1.46	.66	-1.78	1.52	-.01	.01	-.82	.35	-.27	14.49	-9.36

See Reference Notes Following Station Index

ANNUAL PRECIP.	ANNUAL DEPARTURE
17.70	3.06
23.93	
15.34	-1.14
10.87	-2.80
16.08	.37
12.32	
14.98	-1.40
13.18	
12.84	
17.64	.18
14.18	
10.50	-4.60
17.66	
18.90	
15.33	.08
-	
12.45	-2.05
11.58	-2.44
14.97	
12.73	
14.42	
14.48	-.94
5.56	
9.62	1.45
8.47	-.58
8.56	.20
9.98	
6.65	-.62
6.53	-.52
0.59	2.89
6.04	-1.59
0.43	1.79
8.40	
7.66	-1.21
.50	.48
.50	-1.60
.68	
.05	-2.30
.52	
.55	
.86	-1.90
.70	-4.05
.53	-2.59
.99	-3.15
.70	-3.47
.19	
.83	-3.19
98	
13	-2.55
12	-3.97
11	.04
81	-8.57
43	
33	.32
05	-6.74
1	
6	
6	-1.91
1	-2.18
	-2.94
	1.06
	-1.76
	-3.66

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	JANUARY PRECIP.	JANUARY DEPARTURE	FEBRUARY PRECIP.	FEBRUARY DEPARTURE	MARCH PRECIP.	MARCH DEPARTURE	APRIL PRECIP.	APRIL DEPARTURE	MAY PRECIP.	MAY DEPARTURE	JUNE PRECIP.	JUNE DEPARTURE	JULY PRECIP.	JULY DEPARTURE	AUGUST PRECIP.	AUGUST DEPARTURE	SEPTEMBER PRECIP.	SEPTEMBER DEPARTURE	OCTOBER PRECIP.	OCTOBER DEPARTURE	NOVEMBER PRECIP.	NOVEMBER DEPARTURE	DECEMBER PRECIP.	DECEMBER DEPARTURE	ANNUAL PRECIP.	ANNUAL DEPARTURE
[illegible] AP	.14	-.79	.09	-.48	.12	-.87	.32	-1.77	2.81	.00	1.89	-1.78	4.47	2.37	1.74	.27	.16	-1.06	1.81	.95	.23	-.25	.35	-.04	14.13	-2.99
[illegible]	.08	-.41	.08	-.49	.07	-1.02	.21	-2.07	6.17	3.02	1.65	-2.41	5.13	2.93	.84	-.97	E .89	-.33	1.56	.66	.07	-.43	.35	-.05	E 17.05	-1.57
[illegible]	.10		-		.18		.35		2.50		-		-		-		-		-		-		-		-	
[illegible]	.0?		.12		.00		.08		2.04		2.17		3.03		.54		1.16		1.36		.53		.41		11.51	
DIVISION	.17	-.21	.13	-.33	.31	-.52	.48	-1.39	3.30	.26	2.06	-1.62	4.07	1.96	1.65	.04	.58	-.67	1.68	.78	.21	-.25	.46	.10	15.10	-1.85
• • • [illegible] 06																										
[illegible]	.02		.09		2.12		.37		2.62		1.71		4.93		2.44		.20		1.82		.56		.59		17.47	
[illegible] 1 E	.04		.14		2.81		.64		1.79		1.58		3.32		3.08		.26		1.64		.46		E 1.82		E 17.58	
[illegible] 17 WSW	.10		.08		1.11		.30		3.16		2.28		4.16		1.00		.21		1.00		.56		.45		14.41	
[illegible] 6 NE	.00		T		1.70		E .16		3.24		2.04		5.05		1.18		.50		.92		E .28		E .35		E 15.42	
[illegible] 16 WSW	T		.07		1.63		.25		2.63		2.57		3.06		3.21		1.22		.89		.43		.09		16.05	
[illegible] 17 SSW	.09		.06		1.81		.37		2.60		2.03		5.08		4.07		T		2.81		.36		.38		19.66	
[illegible] 1 W	.13	-.18	.12	-.41	2.80	1.96	.42	-1.47	1.98	-.57	2.51	-1.46	8.50	5.96	5.47	3.12	.22	-1.39	2.38	1.13	1.05	.48	.34	-.06	25.90	7.11
[illegible] 21 WNW	T		.09		2.68		.12		1.43		1.58		5.78		2.75		.53		1.91		1.60		.98		19.45	
[illegible] 1 NE	T		.08		E .32		.18		3.98		3.48		4.12		E 1.34		1.43		1.27		.23		.23		E 16.66	
[illegible]	T	-.33	.03	-.50	1.31	.48	.17	-1.75	2.05	-.64	1.53	-2.00	3.72	1.67	1.96	-.38	.24	-1.28	2.26	1.23	.78	.15	.31	-.06	14.36	-3.41
[illegible] 6 N	.75	-.23	.19	-.32	.38	-.48	.07	-1.57	4.33	1.69	2.73	-1.25	4.18	2.59	2.10	.37	.93	-.49	1.48	.62	.80	.38	.41	.03	17.35	1.34
LAKE SHARPE PROJECT	T		.05		2.41		.48		1.87		2.27		4.69		1.55		.53		1.48		.61		.61		16.55	
[illegible]	.24		.07		.89		.26		3.87		3.46		3.99		2.75		.41		1.66		.40		.30		18.30	
MURDO	.13	-.24	.30	-.17	.90	.01	.51	-1.45	2.85	.03	2.51	-1.33	6.47	4.68	2.71	.70	.38	-.97	1.91	.83	.93	.43	E .43	.27	E 20.23	2.79
OAHE DAM	T		.05		1.08		.12		2.89		1.95		E 4.95		1.66		.31		.92		.20		.24		E 14.37	
[illegible] 6 NW	.12		.29		2.13		.31		3.77		2.24		7.40		2.19		.64		1.07		1.10		.59		22.05	
[illegible]	T		T		2.40		1.57		1.08		2.08		2.36		1.81		.28		1.62		.40		1.10		19.70	
PIERRE FAA AP	.76	-.39	.08	-.62	2.76	1.90	.35	-1.35	4.00	1.16	3.07	-.76	5.02	2.64	2.15	-.01	.28	-1.15	1.32	.37	.88	.37	.32	-.18	20.29	2.18
PRESHO 6 NW	T		T		1.84		.35		2.49		1.99		5.32		3.29		.32		2.45		.70		.21		18.96	
STEPHAN 1 ENE	T		.03		2.19		.65		1.91		2.36		5.96		2.28		.34		1.65		.61		.43		18.41	
DIVISION	.06	-.29	.10	-.42	1.74	.92	.32	-1.49	2.80	.03	2.32	-1.39	5.09	3.07	2.57	.47	.51	-.95	1.65	.64	.67	.17	.48	.12	18.31	.88
• • • EAST CENTRAL 07																										
ARLINGTON 2 SW	E .24	-.22	E .80	.12	1.94	.83	1.76	-.59	.82	-2.31	3.55	-.82	2.79	-.23	2.24	-.44	.96	-1.39	1.94	.30	E 1.27	.45	E .31	-.27	E 18.62	-4.57
BROOKINGS 2 NE	.04	-.32	1.22	.71	1.18	.28	1.50	-.55	.71	-2.49	2.89	-1.89	4.01	1.17	3.69	.43	.74	-1.50	2.35	.88	.68	.02	.28	-.19	19.29	-2.85
BRYANT 1 NE	.33		.93		1.68		.84		1.15		3.27		5.59		3.13		1.61		2.17		1.18		.59		22.47	
CASTLEWOOD	.43	-.02	.99	.39	1.24	.29	1.50	-.55	.94	-2.22	3.17	-1.06	6.93	3.70	1.61	-.47	.76	-1.36	2.43	.79	E .46	-.32	.64	.06	E 21.00	-1.17
CLARK	.27	-.19	.47	-.17	1.43	.50	.67	-1.41	1.81	-1.15	2.35	-1.46	4.07	.91	1.03	-1.61	.74	-1.34	1.77	.19	.67	-.08	.88	.31	16.16	-5.50
CLEAR LAKE	.39	-.15	1.38	.70	1.41	.20	1.26	-1.08	1.21	-1.89	4.16	-.04	2.96	-.62	1.13	-1.74	.75	-1.59	2.03	.50	1.22	.27	.90	.24	18.80	-5.20
DE SMET	.48	-.10	.52	-.13	1.57	.43	.64	-1.67	1.09	-2.10	3.86	-.82	4.72	1.71	2.38	-.24	.69	-1.40	2.25	.46	1.06	.16	.32	-.33	19.58	-4.03
FLANDREAU	.02	-.41	.78	.01	1.41	.28	1.62	-.59	.58	-2.71	3.28	-1.21	5.42	2.43	5.12	2.42	.83	-1.65	2.86	1.29	.66	-.12	.33	-.17	22.91	-.63
FORESTBURG 3 NE //	.44	-.06	.41	-.26	1.91	.70	1.26	-1.05	1.00	-2.02	2.19	-1.52	2.68	-.29	2.16	-.36	1.07	-.81	1.46	-.33	1.28	.48	.36	-.27	16.22	-5.79
GANN VALLEY	T	-.32	.08	-.37	2.80	1.94	.29	-1.51	1.13	-1.60	1.38	-2.25	2.72	.17	2.47	-.05	.49	-1.21	1.35	.02	1.21	.72	.29	-.05	14.20	-4.51
HOWARD	.23	-.16	.63	.03	1.83	.73	1.67	-.74	.85	-2.30	3.69	-.48	2.99	.14	3.06	.56	.45	-1.36	1.97	.45	1.44	.68	.54	.01	19.85	-2.44
HURON WSO AP //R	.12	-.31	.12	-.63	1.90	.83	.24	-1.72	.68	-2.07	1.48	-2.78	2.24	.01	4.63	2.65	1.39	-.39	1.28	-.25	1.20	.53	.51	-.02	15.79	-3.65
IROQUOIS	E .28		E .62		1.77		.86		.86		2.46		3.19		3.00		1.00		1.56		.78		.46		E 16.84	
MADISON RESEARCH FARM	T		1.28		1.41		1.89		.69		2.54		2.51		1.65		1.12		2.06		1.67		.97		17.79	
MILLER	T	-.47	.12	-.47	1.96	1.09	.81	-1.45	1.37	-1.48	2.55	-1.43	2.70	.28	3.45	1.19	.42	-1.23	1.20	-.28	.22	-.43	1.60	1.15	16.40	-3.53
RAYMOND 3 NE	.07	-.36	.41	-.08	1.21	.44	.72	-1.11	.85	-1.69	2.43	-1.11	2.31	-.82	1.88	-.42	.40	-1.39	1.60	.12	.59	-.03	.82	.40	13.29	-6.05
REDFIELD 6 E	.03		.08		1.38		1.04		1.12		2.63		1.19		2.16		.71		1.93		.29		1.04		13.60	
WATERTOWN FAA AP //R	.44	-.04	.89	.21	1.31	.32	1.02	-1.10	.87	-2.32	2.15	-1.60	4.24	1.07	.87	-1.70	.31	-1.59	1.68	.23	.52	-.35	.52	-.13	14.82	-7.00
WENTWORTH 2 WNW	T	-.48	1.23	.48	1.58	.24	1.50	-.89	.36	-2.93	2.74	-1.59	3.72	.46	2.18	-.73	.96	-1.47	2.21	.57	1.62	.73	.57	-.06	18.67	-5.67
WESSINGTON 5 S	T		.04		2.66		.30		.73		2.12		2.10		2.56		.76		.80		.46		.62		13.15	
WESSINGTON SPRINGS	.21		.14		2.68		.32		1.14		2.30		3.75		3.82		1.09		1.41		1.18		.96		18.60	
WESSINGTON SPNGS 7 SW	.11	-.59	T	-.92	2.98	1.39	.65	-1.59	1.18	-1.86	2.53	-1.34	2.93	.38	2.65	.29	.90	-.80	1.54	.02	.82	-.02	.68	-.06	16.95	-5.10
DIVISION	.19	-.24	.65	.00	1.69	.66	1.08	-1.09	.97	-2.09	2.71	-1.40	3.55	.63	2.59	.04	.81	-1.22	1.89	.32	.96	.21	.64	.10	17.73	-4.08
• • • SOUTH CENTRAL 08																										
ACADEMY	.20	-.32	.05	-.62	2.25	1.05	1.13	-1.31	2.92	-.33	3.45	-.80	6.19	3.62	1.66	-.89	.42	-1.47	1.16	-.19	1.43	.69	.72	.24	21.58	-.33
CEDAR BUTTE	.08		T		.82		.35		3.05		E 2.71		5.24		1.94		.05		1.82		.36		.79		E 17.21	
GREGORY	E .20	-.31	E .20	-.61	1.80	.41	1.26	-1.40	3.97	.92	3.17	-1.23	8.65	6.20	2.58	.16	.30	-1.72	2.09	.63	1.44	.48	2.25	1.58	E 27.91	5.11
HARRINGTON	.11		.11		.67		1.10		2.68		3.42		4.23		3.77		.85		1.68		.75		.76		20.13	
MISSION	.01		.13		1.05		.43		4.44		2.56		4.11		2.51		.87		2.95		.41		.88		20.35	
MISSION 14 SSE	.08		.10		1.81		.54		3.72		1.91		4.67		3.07		.42		2.81		.72		1.01		20.86	
WINNER	.07	-.38	.21	-.37	2.95	1.83	.96	-1.40	3.38	.37	3.01	-1.23	5.12	2.56	2.75	.02	.65	-1.17	2.50	1.28	1.25	.52	1.06	.58	23.91	2.61
WOOD	.03	-.47	.15	-.51	1.11	-.07	.34	-1.86	2.02	-1.28	2.26	-1.74	3.84	1.39	1.31	-.80	.07	-1.53	2.63	1.39	.95	.27	.60	.12	15.31	-5.09
DIVISION	.10	-.34	.12	-.52	1.56	.40	.76	-1.50	3.27	.16	2.81	-1.39	5.26	2.84	2.45	.03	.45	-1.29	2.21	.94	.91	.20	1.01	.53	20.91	.06
• • • SOUTHEAST 09																										
ALEXANDRIA	.14	-.20	.18	-.40	2.14	1.00	1.07	-1.30	1.37	-1.55	3.03	-1.03	3.55	.64	5.91	3.35	1.37	-.88	1.72	.20	1.27	.59	.53	.03	22.28	-.45
ARMOUR	.15	-.33	.20	-.58	2.56	1.22	.51	-1.82	2.25	-.63	2.34	-1.93	3.56	.87	E .96	-1.79	1.42	-.85	1.69	.23	1.80	1.00	.82	.21	E 18.26	-4.40
BONESTEEL	.15	-.32	.10	-.73	1.75	.02	1.80	-.88	3.15	-.55	3.40	-1.15	5.40	2.81	2.70	-.23	2.60	.30	2.25	.63	.15	-.72	2.47	1.98	25.92	1.16
BRIDGEWATER	E .06		.59		2.28		E .73		.83		2.60		4.32		6.84		-		-		-		-		-	
CANISTOTA 2 N	.05	-.42	.69	-.14	2.06	.75	.23	-1.86	1.23	-1.87	2.99	-1.39	4.30	1.12	3.71	.85	1.30	-1.16	1.88	.31	1.20	.39	.32	-.28	19.96	-3.70
CANTON 4 WNW	T	-.53	.32	-.75	1.70	.28	.41	-1.94	1.43	-1.74	4.09	-.36	3.99	1.15	2.91	-.39	1.00	-1.78	2.10	.54	.74	-.12	.57	-.24	19.26	-5.88
CENTERVILLE 6 SE	T	-.50	.26	-.92	1.71	.34	.41	-2.01	1.66	-1.82	5.09	.39	5.76	2.65	3.77	.73	1.26	-1.42	1.70	.05	.25	-.69	1.39	.77	23.26	-2.43
CHESTER	.04		1.14		1.72		1.32		.89		3.86		3.51		3.75		1.35		2.97		1.54		1.55		23.64	
COLTON	.03		.93		1.81		1.63		.57		2.88		3.43		3.47		1.37		2.64		.90		1.09		20.75	
MARION	T	-.49	.56	-.37	1.73	.29	.89	-1.43	1.06	-2.40	2.85	-1.52	4.32	1.11	1.76	-.89	1.80	-.86	2.77	1.10	1.47	.62	.52	-.17	19.73	-5.01
MENNO	.01	-.47	.63	-.19	1.60	.28	.60	-1.54	.89	-2.53	3.20	-1.26	3.30	.11	3.74	.97	1.57	-1.00	1.63	.10	.96	.12	.55	-.10	18.68	-5.51
MITCHELL 2 NE	.02	-.36	.55	-.09	1.75	.56	2.73	.37	1.13	-2.02	2.61	-1.32	3.88	1.39	3.65	.82	1.06	-1.18	1.83	.24	.41	-.38	1.75	1.25	21.37	-.72
PICKSTOWN //	.02		.24		1.84		.71		2.78		3.77		3.79		.62		2.09		1.73		.39		E 1.40		E 19.38	
PLATTE	.52		.17		2.06		1.01		2.96		3.09		3.94		1.38		.69		1.76		2.00		.86		20.44	
SIOUX FALLS WSFO AP //R	.12	-.45	.33	-.71	1.86	.46	.58	-1.72	.61	-2.76	3.90	-.42	3.89	.95	2.28	-.56	.50	-2.35	2.45	.95	1.21	.36	.38	-.36	18.11	-6.61
TYNDALL 1 N	.05	-.41	.40	-.34	1.76	.44	.54	-1.81	1.63	-1.80	2.68	-1.63	7.01	3.85	2.02	-.85	1.19	-1.32	1.97	.57	1.64	.84	1.00	.42	21.89	-2.04
VERMILLION 2 SE	.02	-.45	1.28	.43	2.09	.92	.43	-1.81	1.81	-1.96	4.88	.60	3.65	.26	3.59	.40	1.22	-1.33	1.44	-.13	1.39	.55	.62	-.09	22.42	-2.61
WAGNER	T	-.64	.34	-.65	1.83	.17	.53	-2.11	2.27	-1.14	3.07	-1.28	5.15	2.28	.87	-1.96	2.33	-.28	2.12	.61	1.83	.95	.90	.04	21.24	-4.01
WHITE LAKE 4 NE	.10	-.38	T	-.66	1.92	.76	1.15	-1.15	1.62	-1.71	2.25	-1.65	2.50	-.14	4.93	2.06	.80	-.97	1.40	-.08	1.70	.97	.40	-.10	18.77	-3.05
YANKTON	T	-.40	.49	-.21	1.70	.51	.48	-1.70	2.15	-1.49	4.51	-.16	2.17	-.87	4.72	1.61	1.45	-.96	1.34	-.17	.29	-.58	1.59	1.08	20.89	-3.34
DIVISION	.05	-.42	.40	-.43	1.89	.54	.85	-1.50	1.67	-1.65	3.39	-.95	4.14	1.23	3.20	.34	1.44	-1.00	1.88	.35	1.03	.20	.99	.37	20.93	-2.92

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

SOUTH DAKOTA
1982

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07												
ARLINGTON 1 W	M		.30	-.38	.80	-.31	1.10	-1.25	5.47	2.34	2.50	-1.87
BROOKINGS 2 NE	.41	.05	.45	-.06	.37	-.53	1.43	-.62	4.31	1.11	2.25	-2.33
BRYANT 1 NE	.97		.50		1.18		1.23		6.54		2.04	
CASTLEWOOD	1.49	1.04	.19	-.41	.62	-.33	.71	-1.34	6.53	3.47	4.52	.29
CLARK	1.02	.56	.28	-.36	1.36	.43	.95	-1.13	4.20	1.24	1.52	-2.29
CLEAR LAKE	1.75	1.21	.27	-.41	1.14	-.07	1.43	-.91	5.33	2.23	2.65	-1.55
DE SMET	1.15	.57	.08	-.57	.93	-.21	1.56	-.75	6.30	3.11	1.86	-2.82
FLANDREAU	.54	.11	.08	-.69	M .81		1.92	-.29	3.88	.59	1.98	-2.51
FORESTBURG 3 NE //	.76	.26	.07	-.60	1.09	-.12	1.78	-.53	6.20	3.18	1.48	-2.23
GANN VALLEY	.64	.32	.01	-.44	1.74	.88	.67	-1.13	5.95	3.22	2.26	-1.37
HOWARD	.91	.52	.11	-.49	1.02	-.08	1.34	-1.07	5.31	2.16	1.91	-2.26
HURON WSO AP // R	M 1.36		.17	-.58	1.60	.53	1.29	-.67	4.58	1.83	1.25	-2.51
IROQUOIS	.85		M .05		.83		1.58		7.13		1.64	
MADISON RESEARCH FARM	.99		.16		1.68		2.28		5.75		2.97	
MILLER	M .91		.12	-.47	1.98	1.11 M	.94		5.98	3.13	.80	-3.18
RAYMOND 3 NE	.75	.32 M			1.60	.83	1.07	-.76	3.65	1.11	M 1.88	
REDFIELD 6 E	M .67	M .41			1.28		.48		4.54		1.72	
WATERTOWN FAA AP // R	M 1.04		.22	-.46	.65	-.34	.83	-1.29	5.11	1.92	2.10	-1.65
WENTWORTH 2 WNW	.93	.45	.11	-.64	1.41	.07	1.51	-.88	4.52	1.23	1.56	-2.77
WESSINGTON 5 S	.71		.12		1.40		.99		6.26		.87	
WESSINGTON SPRINGS	.85		.09		2.06		1.07		7.34		1.55	
WESSINGTON SPNGS 7 SW	1.48	.78	.01	-.91	1.31	-.28	.60	-1.64	7.27	4.23	2.67	-1.20
--DIVISIONAL DATA-------->	.95	.52	.16	-.49	1.26	.23	1.28	-.89	5.36	2.30	2.02	-2.09
SOUTH CENTRAL 08												
ACADEMY	1.16	.64	T .00	-.67	1.35	.15	1.30	-1.14	9.55	6.30	3.85	-.40
CEDAR BUTTE	M .28		.06		1.53		1.10		6.71		4.15	
GREGORY	1.46	.95	.00	-.81	2.03	.64	1.72	-.94	7.72	4.67	3.38	-1.02
HARRINGTON	.71		.18		1.70		.75		7.25		2.83	
MISSION	.39		.04		1.07		.97		7.80		5.31	
MISSION 14 SSE	.49		.10		1.10		.71		7.29		M	
WINNER	1.01	.56	.10	-.48	1.70	.58	1.55	-.81	7.77	4.76	4.67	.43
WOOD	.64	.14	.05	-.61	1.60	.42	1.12	-1.08	8.30	5.00	1.54	-2.46
--DIVISIONAL DATA-------->	.84	.40	.07	-.57	1.51	.35	1.15	-1.11	7.80	4.69	3.68	-.52
SOUTHEAST 09												
ALEXANDRIA	.73	.39	.01	-.57	1.03	-.11	1.09	-1.28	5.96	3.04	1.47	-2.59
ARMOUR	M		.03	-.75	1.29	-.05 M	1.30		8.66	5.78	3.78	-.49
BONESTEEL	.32	-.15 M	.00		.45	-1.28	1.45	-1.23	8.30	4.60	.59	-3.96
BRIDGEWATER	M	T	.00		M		1.47		7.77		M	
CANISTOTA 2 N	.78	.31	.07	-.76	1.11	-.20	1.34	-.75	8.31	5.21	1.07	-3.31
CANTON 4 WNW	1.05	.52	.06	-1.01	.73	-.69	1.26	-1.09	5.03	1.86	1.87	-2.58
CENTERVILLE 6 SE	.83	.33	.36	-.82	.71	-.66	1.16	-1.26	9.34	5.86	1.69	-3.01
CHESTER	1.49		.21		1.35		2.08		5.56		1.78	
COLTON	.86		.19		1.39		1.84		6.27		1.33	
LYONS												
MARION	1.13	.64	.03	-.90	1.44	.00	2.09	-.23	6.20	2.74	2.45	-1.92
MENNO	.41	-.07	.06	-.76	.70	-.62	1.11	-1.03	8.39	4.97	3.51	-.95
MITCHELL 2 NE	.91	.53	.04	-.60	1.32	.13	.87	-1.49	6.10	2.95	2.54	-1.39
PICKSTOWN //	1.04		.01		.75		.97		8.63		1.68	
PLATTE	1.21		T .00		1.04		1.51		8.79		3.51	
SIOUX FALLS WSFO AP // R	M .76		.13	-.91	1.17	-.23	1.87	-.43	4.72	1.35	1.18	-3.14
TYNDALL 1 N	.64	.18	.12	-.62	.68	-.64	1.19	-1.16	10.27	6.84	2.42	-1.89
VERMILLION 2 SE	M .81		.16	-.69	.94	-.23	1.04	-1.20	6.77	3.00	1.54	-2.74
WAGNER	.79	.15	.01	-.98	1.04	-.62	1.56	-1.08	13.40	9.99	2.91	-1.44
WHITE LAKE 4 NE	M 1.03		.00	-.66	1.60	.44	1.05	-1.25	8.11	4.78	1.49	-2.41
YANKTON	1.31	.91	.07	-.63	1.13	-.06	1.53	-.65	9.91	6.27	2.17	-2.50
--DIVISIONAL DATA-------->	.83	.36	.07	-.76	1.00	-.35	1.31	-1.04	7.97	4.65	2.09	-2.25

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

SOUTH DAKOTA 1982

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07														
ARLINGTON 1 W	5.96	2.94	1.79	-.89	3.64	1.29	5.23	3.59	1.66	.84	.29	-.29		
BROOKINGS 2 NE	5.55	2.71	1.92	-.94	2.74	.50	4.12	2.65	1.79	1.13 M	.12	M	25.46	21.69
BRYANT 1 NE	6.67		2.29		2.94		4.98		.87		.37		30.58	
CASTLEWOOD	3.44	.21	3.23	.75	2.54	.42	3.43	1.79	.63	-.15	.34	-.24	27.67	5.50
CLARK	5.52	2.36	2.08	-.56	2.58	.50	4.80	3.22	.52	-.23	.14	-.43	24.97	3.31
CLEAR LAKE	6.80	3.22	3.73	.86	2.60	.26	3.47	1.94	1.34	.39	.41	-.25	30.92	6.92
DE SMET	4.62	1.61	2.33	-.29	2.77	.68	4.82	3.03	.88	-.02	.44	-.21	27.74	4.13
FLANDREAU	5.69	2.70	1.72	-.98	2.54	-.14	4.84	3.27	2.71	1.93	1.32	.82 M	28.03	21.92
FORESTBURG 3 NE //	5.97	3.00	2.55	.03	2.20	.32	3.50	1.71	1.42	.62	.69	.06	27.71	5.70
GANN VALLEY	5.12	2.58	2.77	.25	1.61	-.09	4.48	3.15	.43	-.06	.32	-.02	26.00	7.29
HOWARD	4.15	1.30	5.74	3.24	1.88	-.43	4.74	3.22	2.08	1.32	.97	.44	30.16	7.87
HURON WSO AP //R	5.10	2.87	2.85	.87	2.32	.54	3.49	1.96	.60	-.07	.43	-.10 M	25.04	
IROQUOIS	5.11		3.52		2.86		4.79		.88		.37	M	29.61	18.65
MADISON RESEARCH FARM	4.44		2.09		2.36		7.20		2.83		1.75		34.50	
MILLER	3.64	1.22	2.04	-.22	2.10	.45	5.10	3.62	.55	-.10	.31	-.14 M	24.47	18.39
RAYMOND 3 NE	3.19	.06	2.19	-.11	2.19	.40	4.42	2.94	.50	-.12	.55	.13		
REDFIELD 6 E	3.44		1.40		2.30		4.74		.59		.01	M	21.58	
WATERTOWN FAA AP //R	4.08	.91	1.18	-1.39	2.44	.54	2.93	1.48	.70	-.17	.26	-.39 M	21.54	22.33
WENTWORTH 2 WNW	3.99	.73	1.62	-1.29	3.21	.78	4.02	2.38	2.69	1.80	1.07	.44	26.64	2.30
WESSINGTON 5 S	4.53		1.45		2.01		4.82		.43		.21		23.80	
WESSINGTON SPRINGS	4.46		4.50		3.07		5.41		.83		.41		31.64	
WESSINGTON SPNGS 7 SW	3.71	1.16	2.59	.23	2.60	.90	3.52	2.00	.61	-.23	.31	-.41	26.68	4.63
--DIVISIONAL DATA-------->	4.75	1.83	2.61	.06	2.45	.42	4.44	2.87	1.29	.54	.59	.05	27.16	5.35
SOUTH CENTRAL 08														
ACADEMY	4.90	2.33	2.15	-.40	3.42	1.53	5.56	4.21	1.21	.47	.91	.43	35.36	13.45
CEDAR BUTTE	2.72		1.16		1.92		4.10		.76		.22	M	24.71	
GREGORY	3.35	.90	2.49	.07	3.66	1.64	6.12	4.66	1.81	.85	.70	.03	34.44	11.64
HARRINGTON	2.93		1.98		1.63		3.74		.84		.60		25.14	
MISSION	3.65		2.81		1.69		3.59		.82		.74		28.88	
MISSION 14 SSE M		M		M		M		M		M		M		
WINNER	5.25	2.69	2.66	-.07	2.80	.98	5.10	3.88	1.00	.27	.67	.19	34.28	12.98
WOOD	3.61	1.16	2.17	.06	3.25	1.65	4.08	2.84	.60	-.08	.44	-.04	27.40	7.00
--DIVISIONAL DATA-------->	3.77	1.35	2.20	-.22	2.62	.88	4.61	3.34	1.01	.30	.61	.13	29.87	9.02
SOUTHEAST 09														
ALEXANDRIA	3.12	.21	2.25	-.31	1.03	-1.22	5.56	4.04	2.42	1.74	.93	.43	25.60	3.77
ARMOUR	1.46	-1.23	1.71	-1.04	1.81	-.46	4.59	3.13	2.59	1.79	1.10	.49		
BONESTEEL	1.63	-.96	2.20	-.73	2.50	.20	6.05	4.43	2.70	1.83	1.50	1.01 M	27.69	24,54
BRIDGEWATER	2.98		2.62		1.48		5.93		3.12	M				
CANISTOTA 2 N	2.19	-.99	3.16	.30	2.78	.32	5.77	4.20	3.48	2.67	2.76	2.16	32.82	9.16
CANTON 4 WNW	3.34	.50	5.79	2.49	2.72	-.06	6.04	4.48	2.52	1.66	1.87	1.06	32.28	7.14
CENTERVILLE 6 SE	3.01	-.10	2.66	-.38	1.27	-1.41	4.18	2.53	2.71	1.77	1.85	1.23	29.77	4.08
CHESTER	5.43		4.28		4.43		5.03		3.90		2.51		38.05	
COLTON	6.00		6.70		4.72		5.95		3.38		2.38		41.01	
LYONS	4.35		4.55		6.10		5.90		3.55		1.53			
MARION	3.65	.44	3.88	1.23	4.22	1.56	5.59	3.92	3.38	2.53 M				
MENNO	3.27	.08	3.80	1.03	2.01	-.56	5.12	3.59	3.24	2.40	1.83	1.18	33.45	9.26
MITCHELL 2 NE	3.96	1.47	1.95	-.88	1.84	-.40	4.61	3.02	2.25	1.46	.94	.44	27.33	5.24
PICKSTOWN //	1.82		1.00		1.30		5.08		2.60		1.42		26.30	
PLATTE	4.21		1.66		2.60		5.33		1.51		.99		32.36	
SIOUX FALLS WSFO AP //R	4.60	1.66	5.23	2.39	3.49	.64	5.18	3.68	2.94	2.09	1.99	1.25 M	33.26	5.74 ↖24.12
TYNDALL 1 N	2.59	-.57	1.72	-1.15	.82	-1.69	4.21	2.81	2.81	2.01	2.20	1.62	29.67	
VERMILLION 2 SE	2.60	-.79	1.97	-1.22	1.38	-1.17	4.37	2.80	2.47	1.63	2.03	1.32 M	26.08	7.69 ↖24.07
WAGNER	1.06	-1.81	1.30	-1.53	1.41	-1.20	5.01	3.50	2.29	1.41	2.16	1.30	32.94	
WHITE LAKE 4 NE	3.75	1.11	2.87	.00	2.60	.83	3.60	2.12	.80	.07 M	.00	M	26.90	6.47 ↖21.04
YANKTON	2.25	-.79	1.03	-2.08	.69	-1.72	5.53	4.02	3.03	2.16	1.99	1.48	30.64	
--DIVISIONAL DATA-------->	2.91	.00	2.74	-.12	1.91	-.53	5.04	3.51	2.62	1.79	1.68	1.06	30.17	6.32

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

SOUTH DAKOTA
1983

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07												
ARLINGTON 1 W	.54		.08		3.86		2.50		1.00		2.89	
BROOKINGS 2 NE	.63	.29	.03	-.47	3.45	2.48	1.28	-.74	1.14	-1.92	4.45	.04
BRYANT 1 NE	.38		.04		2.93		1.05		1.66		2.52	
CASTLEWOOD	.60	.04	.06	-.64	2.90	1.83	.91	-1.13	1.92	-1.34	2.72	-1.38
CLARK	.28	-.29	.02	-.66	2.63	1.63	.38	-1.70	1.44	-1.44	3.25	-.50
CLEAR LAKE	1.00	.39	.09	-.63	4.09	2.69	1.46	-.89	1.63	-1.46	3.23	-.74
DE SMET	.21	-.39	.32	-.43	3.28	2.03	1.05	-1.23	1.31	-1.84	3.39	-.88
FLANDREAU	.64	.27	.02	-.62 M	3.24		.94	-1.10	2.38	-.59	6.52	2.55
FORESTBURG 3 NE //	.20	-.31	.02	-.72	3.41	2.07	2.07	-.11	.69	-2.26	2.95	-.41
GANN VALLEY	T .00	-.27	T .00	-.43	1.46	.73	.90	-.96	2.42	-.30	3.84	.74
HOWARD	.62	.19	T .00	-.69	2.72	1.51	1.79	-.38	.95	-2.04	5.11	1.40
HURON WSO AP //R	.08	-.34	.21	-.56	2.34	1.12	1.14	-.85	1.37	-1.35	4.62	1.31
IROQUOIS	.01	-.42	.01	-.60	1.83	.79	.84	-1.15	.67	-2.33	4.17	.62
MADISON RESEARCH FARM	1.00		.04		4.06		3.42		1.75		4.53	
MILLER	.10	-.33	T .00	-.64	2.75	1.76	.98	-1.23	2.77	.02	4.91	1.77
RAYMOND 3 NE	.03	-.32	.03	-.46	1.68	.89	.19	-1.69	1.73	-.89	4.42	.96
REDFIELD 6 E	.13	-.20	.03	-.64 M	2.27		.73	-1.32	2.06	-.88	4.95	1.27
WATERTOWN FAA AP //R	.31	-.25	.08	-.62	2.60	1.39	.76	-1.44	1.56	-1.58	2.41	-1.55
WENTWORTH 2 WNW	.73	.27	.10	-.66	3.75	2.29	1.63	-.52	1.84	-1.18	4.92	1.10
WESSINGTON 5 S	.05		T .00		1.83		.90		1.94		4.41	
WESSINGTON SPRINGS	.06		.01		3.18		1.77		2.36		3.99	
WESSINGTON SPNGS 7 SW	T .00	-.58	T .00	-.89	2.70	1.15	.91	-1.52	2.86	-.28	4.34	.90
--DIVISIONAL DATA-------->	.41	-.03	.06	-.61	3.04	1.89	1.33	-.80	1.72	-1.27	4.11	.39
SOUTH CENTRAL 08												
ACADEMY	.05	-.40	T .00	-.76	2.73	1.48	1.83	-.64	3.04	-.32	6.00	2.28
CEDAR BUTTE	.05		T .00		1.71		2.34		4.68		3.15	
GREGORY	.05	-.47	T .00	-.86	3.95	2.46	2.21	-.54	3.85	.63	6.95	3.00
HARRINGTON	.35		.01		1.67		2.86		4.80		3.30	
MISSION	.12		.08		1.69		1.96		4.82		3.85	
MISSION 14 SSE M		M		M		M		M		M		
WINNER	.09	-.37	.24	-.46	2.76	1.40	1.79	-.95	5.23	1.98	4.83	1.03
WOOD	.02	-.41	T .00	-.71	2.09	.90	2.17	-.16	3.29	.07	2.35	-.71
--DIVISIONAL DATA-------->	.10	-.28	.05	-.62	2.37	1.15	2.17	-.21	4.24	1.07	4.35	.76
SOUTHEAST 09												
ALEXANDRIA	.48	.14	.02	-.56	2.29	1.12	1.91	-.33	1.38	-1.56	7.43	3.82
ARMOUR	.39	-.12	.09	-.80	3.05	1.68	1.60	-.67	2.60	-.41	6.26	2.54
BONESTEEL	.10	-.29	T .00	-.86	3.40	1.73	1.65	-1.05	3.80	-.21	8.88	4.84
BRIDGEWATER	.67	.15	.08	-.65	2.14	.73	1.59	-.54	1.31	-1.85 M		
CANISTOTA 2 N	.36	-.07	.16	-.62	3.07	1.68	2.26	.25	2.17	-.88	8.04	4.06
CANTON 4 WNW	.49	.06	.13	-.80	3.25	1.83	2.39	.00	3.07	.02	10.44	6.59
CENTERVILLE 6 SE	.55	.09	.48	-.62	2.80	1.37	2.00	-.36	3.16	-.07	11.02	7.03
CHESTER	1.04		.13		3.83		2.70		2.17		4.68	
COLTON	.91		.20		3.75		2.23		2.53		4.33	
LYONS	M	M		M		M		M		M		
MARION	.88	.39	.10	-.77	3.50	1.90	2.57	.18	2.06	-1.14	7.68	3.88
MENNO	.75	.31	.10	-.69	3.52	2.12	1.04	-1.21	2.82	-.43	6.29	2.42
MITCHELL 2 NE	.57	.20	T .00	-.65	3.51	2.30	2.62	.29	1.35	-1.80	6.76	3.26
PICKSTOWN //	.40	.02	.15	-.53	3.19	1.98	1.95	-.34	3.31	.39	6.07	2.22
PLATTE	.09	-.32	.05	-.68	2.82	1.48	1.85	-.61	3.17	-.15	3.94	-.17
SIOUX FALLS WSFO AP //R	.52	.02	.22	-.71	3.35	1.77	2.88	.52	2.92	-.29	6.75	3.05
TYNDALL 1 N	.92	.51	.15	-.60	2.69	1.35	1.47	-.89	2.55	-.85	3.82	-.04
VERMILLION 2 SE	.63	.26	.49	-.25	3.78	2.39	2.60	-.38	3.64	-.02	8.24	4.41
WAGNER	.87	.34	.09	-.82	3.33	1.92	1.38	-1.11	3.03	-.31	6.41	2.52
WHITE LAKE 4 NE	T .00	-.41	.00	-.70 M	2.56		1.47	-.86	1.72	-1.65	4.49	.94
YANKTON	.82	.50	.70	.06	3.46	2.08	2.24	.05	3.95	.46	6.98	3.06
--DIVISIONAL DATA-------->	.57	.15	.18	-.62	3.15	1.76	1.96	-.37	2.67	-.59	7.17	3.39

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL • 07														
ARLINGTON 1 W	2.05	-	4.21		3.13		1.39		4.25		.37		26.27	
BROOKINGS 2 NE	3.03	.18	4.29	1.14	2.35	.40	1.22	-.11	4.46	3.80	.28	-.17	26.61	4.92
BRYANT 1 NE	1.79		1.85		3.30		1.89		2.94		.31		20.66	
CASTLEWOOD	1.40	-1.70	2.08	-.70	3.94	2.14	1.87	.33	3.32	2.49	.48	-.17	22.20	-.23
CLARK	2.25	-.57	3.82	1.25	2.54	1.04	.92	-.51	2.40	1.56	.53	-.12	20.46	-.31
CLEAR LAKE	2.48	-.81	1.64	-1.52	2.62	.65	1.57	-.09	5.21	4.26	.67	-.02	25.69	1.83
DE SMET	2.05	-.78	1.44	-1.24	3.44	1.71	1.28	-.31	2.23	1.30	.38	-.33	20.38	-2.39
FLANDREAU	3.55	.82	3.30	.37	2.27	-.08	.99	-.59	3.33	2.63M	.36	M	27.54	
FORESTBURG 3 NE //	3.14	.34	.61	-1.78	1.94	.21	1.09	-.53	2.11	1.26	.53	-.13	18.76	-2.37
GANN VALLEY	2.23	-.24	1.87	-.18	1.79	.36	1.15	-.07	1.27	.78	.41	.07	17.34	.23
HOWARD	3.69	1.15	.84	-1.76	1.20	-.79	.60	-.81	3.63	2.81M	.54	M	21.69	
HURON WSO AP //R	2.22	-.04	.45	-1.56	2.55	1.19	1.27	-.12	1.81	1.12	.48	-.04	18.54	-.12
IROQUOIS	3.04	.52	2.01	-.21	2.65	1.05	1.58	.15	1.90	1.15	.45	-.03	19.16	-.46
MADISON RESEARCH FARM	4.02		2.55		1.96		.77		5.68		.45		30.23	
MILLER	2.58	.28	.48	-1.76	2.56	1.26	.61	-.64	1.96	1.33	.16	-.33	19.86	1.49
RAYMOND 3 NE	2.56	-.35	3.85	1.66	2.41	1.07	.89	-.48	2.28	1.57	.19	-.23	20.26	1.73
REDFIELD 6 E	2.83	.35	3.63	1.66	2.59	1.34	1.76	.50	1.45	.89M	.28	M	22.71	
WATERTOWN FAA AP //R	1.64	-1.32	2.55	-.22	2.53	.93	1.51	-.15	3.11	2.22	.51	-.17	19.57	-2.76
WENTWORTH 2 WNW	3.86	1.05	2.59	-.67	1.43	-.74	.80	-.65	4.58	3.75	.75	.04	26.98	4.08
WESSINGTON 5 S	1.48		.77		2.22		.91		1.40		.17		16.08	
WESSINGTON SPRINGS	2.88		2.07		2.41		1.29		1.75		.48		22.25	
WESSINGTON SPNGS 7 SW	3.04	.57	1.78	-.28	1.90	.48	.79	-.49	1.94	1.09	.52	-.19	20.78	-.04
--DIVISIONAL DATA------->	2.74	.02	2.14	-.45	2.38	.67	1.17	-.29	3.02	2.27	.47	-.10	22.59	1.69
SOUTH CENTRAL 08														
ACADEMY	3.01	.47	.49	-1.68	.72	-1.08	1.28	-.02	1.92	1.13	.97	.52	22.04	.98
CEDAR BUTTE	2.13		1.29		.34		1.38		1.37		.75		19.19	
GREGORY	2.76	-.03	1.95	-.20M			1.12	-.22	2.63	1.70M	1.15			
HARRINGTON	3.75		1.69		.73		.74		1.68		.55		22.13	
MISSION	3.46		1.18		1.21		1.08		1.82		.53		21.80	
MISSION 14 SSE M		M		M		M		M		M				
WINNER	3.75	.90	.55	-2.04	1.27	-.59	1.06	-.23	2.13	1.39	1.29	.73	24.99	2.79
WOOD	2.47	-.03	1.22	-.93	1.32	-.02	1.45	.27	1.47	.86	.95	.39	18.80	-.48
--DIVISIONAL DATA------->	3.05	.50	1.20	-1.05	.93	-.68	1.16	-.01	1.86	1.21	.84	.33	22.32	2.17
SOUTHEAST 09														
ALEXANDRIA	2.28	-.59	.48	-2.12	.93	-1.21	.77	-.60	2.49	1.79	.59	.07	21.05	-.03
ARMOUR	4.56	1.59	.11	-2.45	.57	-1.51	.78	-.54	1.77	.99	.83	.09	22.61	.39
BONESTEEL	4.40	1.48	.40	-2.45	.85	-1.38M			1.45	.59M				
BRIDGEWATER M		M		M		M		M		M				
CANISTOTA 2 N	1.89	-1.07	.50	-2.52	1.34	-1.09	.78	-.61	3.88	3.05	.90	.22	25.35	2.40
CANTON 4 WNW	3.85	.88	.80	-2.66	.82	-1.59	.71	-.76	2.88	1.97	.26	-.50	29.09	5.04
CENTERVILLE 6 SE	2.95	-.27	1.06	-2.08	2.16	-.42	.70	-.83	3.57	2.59	.49	-.19	30.94	6.24
CHESTER	1.66		1.91		1.39		1.05		5.49		.95		27.00	
COLTON	1.63		2.58		1.75		1.10		3.54		.76		25.31	
LYONS M		M		M		M		M		M				
MARION	4.17	1.27	.27	-2.46	1.23	-1.38	.59	-.89	4.45	3.50	.84	.06	28.34	4.54
MENNO	3.76	.52	.24	-2.33	1.18	-1.33	.58	-.83	2.85	1.91	.32	-.41	23.45	.05
MITCHELL 2 NE	2.78	.32	.26	-2.44	.92	-1.14	.70	-.69	3.74	2.99M	.66	M	23.87	
PICKSTOWN //	2.87	.22	.17	-2.34	.78	-1.43	.87	-.40	1.65	.88	.71	.08	22.12	.75
PLATTE	4.39	1.80	.63	-1.78	.78	-1.21	.87	-.58	2.34	1.58	1.01	.38	21.94	-.26
SIOUX FALLS WSFO AP //R	1.82	-.89	2.00	-1.13	1.92	-.87	.71	-.86	2.95	2.03	.73	.01	26.77	2.65
TYNDALL 1 N	5.55	2.15	.31	-2.34	1.76	-.74	.61	-.76	4.24	3.38	.58	-.07	24.65	1.10
VERMILLION 2 SE	2.05	-1.32	.67	-2.55	1.66	-.55	1.64	.15	5.48	4.59	.45	-.23	31.33	7.26
WAGNER	2.13	-1.02	.95	-1.73	1.13	-1.49	.71	-.75	3.09	2.11	1.01	.13	24.13	-.21
WHITE LAKE 4 NE	3.14	.56	.55	-2.00	.30	-1.51	1.48	.21	2.18	1.42M	.77	M	18.66	
YANKTON	3.82	.65	.41	-2.67	1.39	-.94	.98	-.37	4.21	3.32M				
--DIVISIONAL DATA------->	3.34	.38	.58	-2.26	1.17	-1.17	.85	-.58	3.13	2.27	.62	-.04	25.39	2.32

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07												
ARLINGTON 1 W	.62		M		1.08		3.04		2.25		10.64	
BROOKINGS 2 NE	.60	.26	.36	-.14	1.38	.41	3.38	1.36	3.06	.00	8.48	4.07
BRYANT 1 NE	.63		.54		1.37		2.83		2.80		8.47	
CASTLEWOOD	.62	.06	.43	-.27	1.62	.55	2.99	.95	3.76	.50	8.25	4.15
CLARK	.38	-.19	.74	.06	1.74	.74	2.57	.49	1.68	-1.20	6.24	2.49
CLEAR LAKE	.57	-.04	.75	.03	2.06	.66	3.28	.93	2.56	-.53	7.92	3.95
DE SMET	.53	-.07	.69	-.06	1.28	.03	3.46	1.18	2.11	-1.04	11.92	7.65
FLANDREAU	.62	.25	.40	-.24	1.85	.73	4.12	2.08	3.06	.09	10.05	6.08
FORESTBURG 3 NE //	.34	-.17	1.52	.78	1.27	-.07	4.65	2.47	2.54	-.41	7.32	3.96
GANN VALLEY	.10	-.17	.67	.24	1.13	.40	3.20	1.34	2.08	-.64	4.18	1.08
HOWARD	.49	.06	.62	-.07	1.55	.34	4.45	2.28	2.25	-.74	8.61	4.90
HURON WSO AP //R	.36	-.06	.69	-.08	1.50	.28	2.83	.84	2.52	-.20	11.49	8.18
IROQUOIS	.34	-.09	1.49	.88	1.15	.11	3.32	1.33	2.03	-.97	8.75	5.20
MADISON RESEARCH FARM	.45		.97		2.03		4.60		2.75		9.57	
MILLER	.07	-.36	.67	.03	1.51	.52	2.70	.49	2.25	-.50	5.66	2.52
RAYMOND 3 NE	.28	-.07	.68	.19	1.30	.51	1.85	-.03	1.90	-.72	10.03	6.57
REDFIELD 6 E	.35	.02	.78	.11	1.30	.40	2.38	.33	2.33	-.61	6.00	2.32
WATERTOWN FAA AP //R	.46	-.10	.37	-.33	1.34	.13	3.03	.83	2.30	-.84	5.28	1.32
WENTWORTH 2 WNW	.45	-.01	1.13	.37	1.46	.00	4.19	2.04	3.21	.19	10.12	6.30
WESSINGTON 5 S	.09		.47		1.54		2.84		2.44		5.49	
WESSINGTON SPRINGS	.10		.89		1.26		4.11		2.98		6.04	
WESSINGTON SPNGS 7 SW	.14	-.44	1.19	.30	1.18	-.37	4.69	2.26	2.40	-.74	5.73	2.29
--DIVISIONAL DATA-------->	.41	-.03	.73	.06	1.52	.37	3.50	1.37	2.59	-.40	7.95	4.23
SOUTH CENTRAL 08												
ACADEMY	.09	-.36	1.50	.74	1.72	.47	5.88	3.41	3.30	-.06	4.50	.78
CEDAR BUTTE	.12		.08		1.22	M	2.44		1.78		3.35	
GREGORY	.10	-.42	.97	.11	1.55	.06	5.54	2.79	3.45	.23	3.15	-.80
HARRINGTON	.16		.32		1.24		2.60		2.46		3.21	
MISSION	.09		.28		1.15	M	2.97		2.54		2.00	
MISSION 14 S M			M		M	M					1.89	
WINNER	.22	-.24	1.28	.58	1.36	.00	4.70	1.96	3.43	.18	2.91	-.89
WOOD	.07	-.36	.55	-.16	M	M			M	M		
--DIVISIONAL DATA-------->	.12	-.26	.71	.04	1.37	.15	4.68	2.30	2.83	-.34	3.00	-.59
SOUTHEAST 09												
ALEXANDRIA	.26	-.08	1.24	.66	1.17	.00	5.28	3.04	2.68	-.06	9.18	5.57
ARMOUR	.14	-.37	.76	-.13	1.73	.36	6.19	3.92	3.14	.13	9.82	6.10
BONESTEEL M			M		M		6.80	4.10	6.30	2.29	3.35	-.69
BRIDGEWATER M			M		M		M	M		M		
CANISTOTA 2 N	.43	.00	1.04	.26	1.37	-.02	6.07	4.06	2.44	-.61	9.51	5.53
CANTON 4 WNW	.32	-.11	.73	-.20	1.51	.09	6.00	3.61	3.57	.52	7.51	3.66
CENTERVILLE 6 SE	.31	-.15	1.78	.68	M 1.67		6.43	4.07	4.06	.83	7.94	3.95
CHESTER	.70		1.24		1.66		5.24		3.93		8.40	
COLTON	.48		1.38		1.42		4.97		2.94		8.36	
LYONS M					M		M					
MARION	.25	-.24	M		1.42	-.18	8.39	6.00	3.97	.77	14.19	10.39
MENNO	.16	-.28	1.10	.31	1.16	-.24	7.80	5.55	3.74	.49	10.70	6.83
MITCHELL 2 NE	.30	-.07	2.01	1.36 M			6.19	3.86	2.53	-.62	11.11	7.61
PICKSTOWN //	.07	-.31	.94	.26	1.80	.59	6.99	4.70	3.42	.50	8.70	4.85
PLATTE	.13	-.28	1.98	1.25	1.74	.40	4.80	2.34	2.89	-.43	3.39	-.72
SIOUX FALLS WSFO AP //R	.37	-.13	1.10	.17	1.83	.25	5.79	3.43	2.95	-.26	8.43	4.73
TYNDALL 1 N	.12	-.29	1.59	.84	1.44	.10	6.22	3.86	4.09	.69	9.02	5.16
VERMILLION 2 SE	.43	.06	1.34	.60	1.54	.15	10.50	8.28	4.95	1.29	8.78	4.95
WAGNER	.13	-.40	1.51	.60	1.71	.30	6.12	3.63	3.29	-.05	6.36	2.47
WHITE LAKE	.02	-.39	1.10	.40	1.30	.12	4.53	2.20	3.01	-.36	7.88	4.33
YANKTON	.25	-.07	.89	.25	1.53	.15	7.07	4.88	3.56	.07 M		
--DIVISIONAL DATA-------->	.22	-.20	1.24	.44	1.51	.12	6.69	4.36	3.70	.44	8.78	5.00

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07														
ARLINGTON 1 W	1.78		3.24		2.52		6.49		.18		.70			
BROOKINGS 2 NE	2.17	-.68	1.64	-1.51	1.83	-.12	6.43	5.10	.01	-.65	.73	.28	30.07	8.38
BRYANT 1 NE	2.68		3.89		1.17		4.08		.09		.60		29.15	
CASTLEWOOD	1.56	-1.54	1.80	-.98	2.40	.60	6.93	5.39	.04	-.79	.95	.30	31.35	8.92
CLARK	2.01	-.81	3.72	1.15	1.28	-.22	4.29	2.86M	.18		.51	-.14M	25.34	
CLEAR LAKE	1.18	-2.11	1.09	-2.07	3.55	1.58	6.85	5.19	.02	-.93	.78	.09	30.61	6.75
DE SMET	1.55	-1.28	5.85	3.17	2.22	.49	4.86	3.27	.17	-.76	.69	-.02	35.33	12.56
FLANDREAU	1.96	-.77	.89	-2.04	1.23	-1.12	6.08	4.50T	.00	-.70	.69	.17	30.95	9.03
FORESTBURG 3 NE //	1.40	-1.40	2.56	.17	1.18	-.55	3.30	1.68	.26	-.59	.61	-.05	26.95	5.82
GANN VALLEY	1.27	-1.20	2.39	.34	.87	-.56	2.51	1.29	.09	-.40	.24	-.10	18.73	1.62
HOWARD	2.36	-.18	1.06	-1.54	.44	-1.55	4.36	2.95	.02	-.80	.47	-.13	26.68	5.52
HURON WSO AP //R	1.81	-.45	3.55	1.54	.94	-.42	3.36	1.97	.13	-.56	.55	.03	29.73	11.07
IROQUOIS	1.33	-1.19	2.88	.66	.71	-.89	3.86	2.43	.12	-.63M				
MADISON RESEARCH FARM	1.98		1.35		.83		4.90		.02		.84		30.29	
MILLER	1.72	-.58	2.81	.57	.98	-.32	1.87	.62	.15	-.48	.64	.15	21.03	2.66
RAYMOND 3 NE	1.84	-1.07	2.13	-.06	.53	-.81	3.77	2.40	.03	-.68	.68	.26	25.02	6.49
REDFIELD 6 E	2.65	.17	4.71	2.74	.82	-.43	2.32	1.06	.04	-.52	.68	.26	24.36	5.85
WATERTOWN FAA AP //R	2.38	-.58	3.46	.69	1.29	-.31	5.51	3.85	.06	-.83	.74	.06	26.22	3.89
WENTWORTH 2 WNW	1.63	-1.19	1.34	-1.92	1.47	-.70	5.28	3.83T	.00	-.83	.74	.03	31.02	8.12
WESSINGTON 5 S	.69		2.10		.87		2.27	T	.00		.40		19.20	
WESSINGTON SPRINGS	1.20		3.03		.86		3.22		.27		.34		24.30	
WESSINGTON SPNGS 7 SW	1.10	-1.37	2.22	.16	.70	-.72	2.77	1.49	.25	-.60	.18	-.53	22.55	1.73
--DIVISIONAL DATA------->	1.80	-.92	2.58	-.01	1.39	-.32	4.50	3.04	.09	-.66	.64	.07	27.70	6.80
SOUTH CENTRAL 08														
ACADEMY	2.86	.32	3.92	1.75	.68	-1.12	3.25	1.95	.18	-.61	.24	-.21	28.12	7.06
CEDAR BUTTE	4.74		1.56		1.26		.43		.32		.05		17.35	
GREGORY	3.91	1.12	3.25	1.10	1.55	-.48	2.87	1.53	.41	-.52	.20	-.52	26.95	4.20
HARRINGTON	4.10		.27		.74		.42		1.10		.13		16.75	
MISSION	3.94		.54		1.17		1.09		.40		.16		16.33	
MISSION 14 S	3.33		2.05		1.12		.61		.73		.16			
WINNER	4.71	1.86	2.48	-.11	1.17	-.69	2.90	1.61	.05	-.69	.24	-.32	25.45	3.25
WOOD M		M		M		M		M		M				
--DIVISIONAL DATA------->	3.94	1.39	2.01	-.24	1.10	-.51	1.65	.48	.46	-.19	.19	-.32	22.06	1.91
SOUTHEAST 09														
ALEXANDRIA	2.09	-.78	1.43	-1.17	.47	-1.67	4.57	3.20	.04	-.66	.37	-.15	28.98	7.90
ARMOUR	1.78	-1.19	2.38	-.18	1.19	-.89	3.26	1.94	.45	-.33	.47	-.27	31.31	9.09
BONESTEEL	4.67	1.75	3.00	.15	2.10	-.13	2.45	.92	.30	-.56	.08	-.40		
BRIDGEWATER M			1.40	-1.54	1.04	-1.25	4.11	2.56	.08	-.80	.59	-.15		
CANISTOTA 2 N	.92	-2.04	1.19	-1.83	.42	-2.01	4.93	3.54	.03	-.80	.66	-.02	29.01	6.06
CANTON 4 WNW	1.58	-1.39	.64	-2.82	.98	-1.43	3.75	2.28	.54	-.37M	.67	M	27.80	
CENTERVILLE 6 SE	2.06	-1.16	1.15	-1.99	1.34	-1.24	4.99	3.46	.16	-.82M	.78	M	32.67	
CHESTER	2.31		.65		1.30		6.60		.05		.83		32.91	
COLTON	1.44		1.30		.80		5.02		.04		.72		28.87	
LYONS														
MARION	2.04	-.86	1.61	-1.12	.69	-1.92	4.69	3.21	.12	-.83	.85	.07		
MENNO	3.85	.61	.87	-1.70	.85	-1.66	3.71	2.30	.08	-.86	.62	-.11	34.64	11.24
MITCHELL 2 NE	.53	-1.93	2.14	-.56	.78	-1.28	3.92	2.53	.13	-.62	.55	.03		
PICKSTOWN //	3.59	.94	2.44	-.07	.91	-1.30	3.93	2.66	1.01	.24	.47	-.16	34.27	12.90
PLATTE	2.27	-.32	3.74	1.33	1.05	-.94	2.59	1.14	.32	-.44	.32	-.31	25.22	3.02
SIOUX FALLS WSFO AP //R	1.63	-1.08	.76	-2.37	1.62	-1.17	4.11	2.54	.03	-.89	1.02	.30	29.64	5.52
TYNDALL 1 N	2.50	-.90	2.01	-.64	.99	-1.51	3.09	1.72	.56	-.30	.60	-.05	32.23	8.68
VERMILLION 2 SE	2.95	-.42	.36	-2.86	.69	-1.52	5.19	3.70	.47	-.42	.85	.17	38.05	13.98
WAGNER	3.02	-.13	2.24	-.44	.87	-1.75	3.63	2.17	.94	-.04	.73	-.15	30.55	6.21
WHITE LAKE	2.41	-.17	2.70	.15	.38	-1.43	3.17	1.90	.30	-.46	.22	-.31	27.02	5.98
YANKTON	2.79	-.38	.80	-2.28	1.05	-1.28	4.73	3.38	.29	-.60	.44	-.08		
--DIVISIONAL DATA------->	2.50	-.46	1.62	-1.22	1.00	-1.34	3.96	2.53	.34	-.52	.56	-.10	32.12	9.05

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

SOUTH DAKOTA
1985

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07												
ARLINGTON 1 W	.36		.22		2.11		3.24		3.87		2.55	
BROOKINGS 2 NE	.28	-.06	.15	-.35	3.35	2.38	2.01	-.01	3.57	.51	.82	-3.59
BRYANT 1 NE	M .29		.14		2.11		1.99		2.11		2.66	
CASTLEWOOD	.41	-.15	.14	-.56	2.15	1.08	2.40	.36	1.99	-1.27	3.60	-.50
CLARK	M .25		.14	-.54	1.75	.75	1.32	-.76	2.09	-.79	2.26	-1.49
CLEAR LAKE	M		.22	-.50	3.09	1.69	2.35	.00	2.94	-.15	2.43	-1.54
DE SMET	.55	-.05	.25	-.50	3.51	2.26	2.39	.11	3.84	.69	2.51	-1.76
FLANDREAU	.33	-.04	.10	-.54	1.58	.46	3.95	1.91	4.65	1.68	1.83	-2.14
FORESTBURG 3 NE //	.52	.01	.12	-.62	2.05	.71	2.50	.32	3.90	.95	2.65	-.71
GANN VALLEY	.56	.29	.14	-.29	2.14	1.41	.80	-1.06	2.02	-.70	3.87	.77
HOWARD	.54	.11	.12	-.57	2.43	1.22	3.25	1.08	3.82	.83	1.83	-1.88
HURON WSO AP //R	.40	-.02	.10	-.67	3.86	2.64	1.57	-.42	2.03	-.69	2.36	-.95
IROQUOIS	M		M		M		1.86	-.13	M		M	
MADISON RESEARCH FARM	.51		.17		2.52		2.53		3.28		1.32	
MILLER	.12	-.31	M	-.52	M .38		.27	-1.94	1.63	-1.12	2.30	-.84
RAYMOND 3 NE	.53	.18	.11	-.38	1.81	1.02	1.35	-.53	2.54	-.08	1.94	-1.52
REDFIELD 6 E	.15	-.18	.02	-.65	1.53	.63	.74	-1.31	2.47	-.47	2.20	-1.48
WATERTOWN FAA AP //R	.26	-.30	.14	-.56	2.22	1.01	1.99	-.21	1.27	-1.87	1.57	-2.39
WENTWORTH 2 WNW	.44	-.02	.10	-.66	1.96	.50	2.52	.37	4.06	1.04	1.58	-2.24
WESSINGTON 5 S	.29		.04		4.01		M		M		M	
WESSINGTON SPRINGS	.56		.12		1.53		1.37		2.83		3.48	
WESSINGTON SPNGS 7 SW	.59	.01	.18	-.71	1.73	.18	1.28	-1.15	3.13	-.01	4.22	.78
--DIVISIONAL DATA-------->	.40	-.04	.14	-.53	2.38	1.23	2.00	-.13	2.90	-.09	2.29	-1.43
SOUTH CENTRAL 08												
ACADEMY	.97	.52	T .00	-.76	1.47	.22	2.76	.29	2.28	-1.08	2.65	-1.07
CEDAR BUTTE	1.01		T .00		.49		1.05		.70		1.98	
GREGORY	1.19	.67	.20	-.66	1.80	.31	1.98	-.77	1.00	-2.22	2.90	-1.05
HARRINGTON	.55		.05		1.07		1.53		.48		1.57	
MISSION	1.05		.06		.80		1.94		.37		1.30	
MISSION 14 S	1.35		.09		.81		1.89		.66		1.42	
WINNER	.99	.53	.17	-.53	1.28	-.08	2.75	.01	.62	-2.63	2.51	-1.29
WOOD	M		M		M		M		M		M	
--DIVISIONAL DATA-------->	1.02	.64	.08	-.59	1.10	-.12	1.99	-.39	.87	-2.30	2.05	-1.54
SOUTHEAST 09												
ALEXANDRIA	.50	.16	.05	-.53	1.67	.50	4.76	2.52	2.41	-.53	1.23	-2.38
ARMOUR	.63	.12	.15	-.74	1.67	.30	3.49	1.22	3.54	.53	1.82	-1.90
BONESTEEL	M .20		T .00	-.86	1.10	-.57	5.28	2.58	1.60	-2.41	1.90	-2.14
BRIDGEWATER	.61	.09	.11	-.62	2.20	.79	4.76	2.63	M		1.64	-2.11
CANISTOTA 2 N	.44	.01	.27	-.51	2.80	1.41	5.29	3.28	3.67	.62	1.74	-2.24
CANTON 4 WNW	.32	-.11	.07	-.86	1.82	.40	5.25	2.86	3.82	.77	2.97	-.88
CENTERVILLE 6 SE	.26	-.20	T .00	-1.10	1.85	.42	4.93	2.57	5.53	2.30	4.42	.43
CHESTER	.20		.07		3.18		4.65		3.51		1.44	
COLTON	.51		.05		2.83		5.06		3.91		1.65	
LYONS												
MARION	.53	.04	.06	-.81	3.19	1.59	5.02	2.63	3.50	.30	2.02	-1.78
MENNO	.40	-.04	.08	-.71	2.13	.73	4.54	2.29	2.88	-.37	2.11	-1.76
MITCHELL 2 NE	.52	.15	.13	-.52	2.27	1.06	3.92	1.59	6.89	3.74	1.75	-1.75
PICKSTOWN //	.56	.18	.05	-.63	1.29	.08	2.93	.64	1.34	-1.58	1.99	-1.86
PLATTE	.59	.18	.10	-.63	1.84	.50	3.24	.78	3.70	.38	1.81	-2.30
SIOUX FALLS WSFO AP //R	.45	-.05	.05	-.88	2.37	.79	5.18	2.82	3.29	.08	2.52	-1.18
TYNDALL	.46	-.05	.01	-.74	1.58	.24	4.02	1.66	2.80	-.60	3.05	-.81
VERMILLION 2 SE	.21	-.16	T .00	-.74	2.02	.63	5.87	3.65	M	2.25	M	
WAGNER	.74	.21	T .00	-.91	1.74	.33	3.35	.86	5.88	2.54	2.54	-1.35
WHITE LAKE	M .50		.15	-.55	2.05	.87	2.63	.30	3.27	-.10	2.30	-1.25
YANKTON	.35	.03	T .00	-.64	1.61	.23	4.18	1.99	2.66	-.83	3.62	-.30
--DIVISIONAL DATA-------->	.47	.05	.06	-.74	1.91	.52	4.38	2.05	3.53	.27	2.39	-1.39

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

SOUTH DAKOTA

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP	DEPARTURE
EAST CENTRAL 07														
ARLINGTON 1 W	3.77		4.17		5.69		1.01		1.71		.73		29.13	
BROOKINGS 2 NE	1.49	-1.36	3.92	.77	5.09	3.14	1.06	-.27	.83	.17	.21	-.24	22.78	1.09
BRYANT 1 NE	3.08		4.25		8.34		1.89		1.62		.59	M	29.07	
CASTLEWOOD	2.95	-.15	3.62	.84	8.03	6.23	1.28	-.26	2.02	1.19	.39	-.26	28.98	6.55
CLARK	6.26	3.44	4.45	1.88	4.84	3.34	1.26	-.17	1.88	1.04	.57	-.08	M 27.07	
CLEAR LAKE	5.03	1.74	4.33	1.17	5.30	3.33	1.20	-.46	1.72	.77	.66	-.03		
DE SMET	3.31	.48	4.21	1.53	7.62	5.89	1.40	-.19	1.95	1.02	.95	.24	32.49	9.72
FLANDREAU	1.35	-1.38	4.54	1.61	4.72	2.37	1.38	-.20	1.26	.56	.22	-.30	25.91	3.99
FORESTBURG 3 NE //	2.13	-.67	2.89	.50	2.85	1.12	1.34	-.28	2.87	2.02	.90	.24	24.72	3.59
GANN VALLEY	1.87	-.60	4.43	2.38	2.89	1.46	1.02	-.20	1.01	.52	.46	.12	21.21	4.10
HOWARD	1.95	-.59	3.72	1.12	2.93	.94	.89	-.52	1.85	1.03	.73	.13	24.06	2.90
HURON WSO AP //R	4.67	2.41	2.57	.56	3.28	1.92	1.06	-.33	2.46	1.77	.59	.07	24.95	6.29
IROQUOIS	1.72	-.80	3.63	1.41	4.87	3.27	1.27	-.16	1.57	.82	.71	.23		
MADISON RESEARCH FARM	1.28		3.23		3.99		1.38		1.61		.51		22.33	
MILLER	4.40	2.10	3.36	1.12	5.02	3.72	1.21	-.04	1.75	1.12	.69	.20		
RAYMOND 3 NE	4.32	1.41	5.49	3.30	2.96	1.62	1.17	-.20	1.92	1.21	.07	-.35	24.21	5.68
REDFIELD 6 E	5.20	2.72	4.03	2.06	4.83	3.58	1.02	-.24	.93	.37	.28	-.14	23.40	4.89
WATERTOWN FAA AP //R	M				5.35	3.75	1.68	.02	1.42	.53	.45	-.23		
WENTWORTH 2 WNW	1.39	-1.42	2.53	-.73	4.09	1.92	1.16	-.29	1.55	.72	.37	-.34	21.75	-1.15
WESSINGTON 5 S	M		M		M		M		M		M			
WESSINGTON SPRINGS	2.01		2.42		4.43		.97		1.52		.46		21.70	
WESSINGTON SPNGS 7 SW	1.54	-.93	2.83	.77	3.33	1.91	.90	-.38	1.26	.41	.89	.18	21.88	1.06
--DIVISIONAL DATA-------->	3.02	.30	3.62	1.03	4.70	2.99	1.21	-.25	1.66	.91	.53	-.04	24.85	3.95
SOUTH CENTRAL 08														
ACADEMY	2.81	.27	5.38	3.21	4.91	3.11	.93	-.37	2.00	1.21	.44	-.01	26.60	5.54
CEDAR BUTTE	1.57		2.43		1.99		1.39		2.34		M .25	M	15.20	
GREGORY	2.65	-.14	5.50	3.35	5.85	3.82	1.40	.06	2.48	1.55	1.95	1.23	28.90	6.15
HARRINGTON	3.84		2.35		2.24		1.24		2.45		.36		17.73	
MISSION	2.82		1.53		2.02		.89		2.06		.46		15.30	
MISSION 14 S	2.86		2.79		2.45		.88		2.27		.58		18.05	
WINNER	3.89	1.04	4.07	1.48	2.10	.24	.50	-.79	1.99	1.25	.39	-.17	21.26	-.94
WOOD	M		M		M		M		M		M			
--DIVISIONAL DATA-------->	2.92	.37	3.44	1.19	3.08	1.47	1.03	-.14	2.23	1.58	.70	.19	20.51	.36
SOUTHEAST 09														
ALEXANDRIA	1.99	-.88	3.79	1.19	3.59	1.45	.77	-.60	1.84	1.14	.37	-.15	22.97	1.89
ARMOUR	2.71	-.26	5.07	2.51	4.69	2.61	.93	-.39	1.83	1.05	.30	-.44	26.83	4.61
BONESTEEL	3.30	.38	5.15	2.30	2.45	.22	1.50	-.03	.76	-.10	.41	-.07	M 23.65	
BRIDGEWATER	2.86	-.13	2.87	-.07	3.02	.73	.82	-.73	1.05	.17	.43	-.31		
CANISTOTA 2 N	2.50	-.46	2.85	-.17	3.15	.72	.84	-.55	2.26	1.43	1.05	.37	26.86	3.91
CANTON 4 WNW	.87	-2.10	5.77	2.31	4.80	2.39	1.68	.21	.73	-.18	.68	-.08	28.78	4.73
CENTERVILLE 6 SE	.54	-2.68	5.05	1.91	3.22	.64	.85	-.68	.82	-.16	.58	-.10	28.05	3.35
CHESTER	1.76		2.87		4.00		.90		1.74		.84		25.16	
COLTON	2.41		3.26		3.02		.81		1.84		.59		25.94	
LYONS	2.88		3.28		2.49		1.43		.80		.50	M		
MARION	1.82	-1.08	5.13	2.40	3.94	1.33	.75	-.73	1.57	.62	.88	.10	28.41	4.61
MENNO	1.22	-2.02	5.26	2.69	2.97	.46	.66	-.75	.95	.01	.33	-.40	23.53	.13
MITCHELL 2 NE	1.77	-.69	3.29	.59	4.06	2.00	1.12	-.27	1.86	1.11	.81	.29	28.39	7.30
PICKSTOWN //	2.02	-.63	5.81	3.30	2.85	.64	.65	-.62	1.38	.61	.29	-.34	21.16	-.21
PLATTE	2.65	.06	5.60	3.19	3.34	1.35	.76	-.69	2.06	1.30	.33	-.30	26.02	3.82
SIOUX FALLS WSFO AP //R	2.70	-.01	4.07	.94	3.34	.55	.75	-.82	1.97	1.05	.47	-.25	27.16	3.04
TYNDALL	1.10	-2.30	5.65	3.00	2.88	.38	.46	-.91	1.03	.17	.35	-.30	23.39	-.16
VERMILLION 2 SE	M		M		4.06	1.85	.78	-.71	.60	-.29	.34	-.34		
WAGNER	2.01	-1.14	5.01	2.33	2.26	-.36	.57	-.89	1.94	.96	M .42	M	26.46	
WHITE LAKE	1.50	-1.08	6.52	3.97	M		M		1.60	.84	.68	.15		
YANKTON	1.09	-2.08	5.70	2.62	2.49	.16	.49	-.86	.90	.01	.21	-.31	23.30	.02
--DIVISIONAL DATA-------->	1.83	-1.13	4.94	2.10	3.37	1.03	.85	-.58	1.30	.44	.48	-.18	25.51	2.44

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

SOUTH DAKOTA
1986

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07												
ARLINGTON 1 W	.30		.44		1.90		7.40		4.05		2.24	
BROOKINGS 2 NE	.17	-.17	.27	-.23	1.04	.07	5.36	3.34	3.72	.66	4.42	.01
BRYANT 1 NE	.30		.95		1.33		8.67		3.50		4.32	
CASTLEWOOD	.36	-.20	.63	-.07	.65	-.42	6.42	4.38	3.68	.42	2.82	-1.28
CLARK	.29	-.28	.99	.31	.78	-.22	6.68	4.60	2.57	-.31	3.82	.07
CLEAR LAKE	.38	-.23	.76	.04	1.35	-.05	5.85	3.50	4.15	1.06	3.42	-.55
DE SMET	.33	-.27	.44	-.31	1.40	.15	7.63	5.35	3.88	.73	2.86	-1.41
FLANDREAU	.11	-.26	.26	-.38	.92	-.20	5.55	3.51	3.00	.03	3.96	-.01
FORESTBURG 3 NE //	.37	-.14	M .02		1.49	.15	6.56	4.38	2.94	-.01	4.66	1.30
GANN VALLEY 2 NW	.25	-.02	.09	-.34	1.07	.34	4.43	2.57	3.70	.98	3.36	.26
HOWARD	.35	-.08	.24	-.45	1.24	.03	7.31	5.14	2.86	-.13	3.85	.14
HURON WSO AP //R	.41	-.01	.43	-.34	1.56	.34	5.08	3.09	3.15	.43	2.50	-.81
IROQUOIS	.45	.02	.32	-.29	1.67	.63	6.47	4.48	2.71	-.29	4.04	.49
MADISON RESEARCH FARM	.72		.27		1.56		6.87		4.90		7.07	
MILLER	.35	-.08	M		1.88	.89	6.37	4.16	2.43	-.32	4.42	1.28
RAYMOND 3 NE	.11	-.24	1.09	.60	.55	-.24	6.17	4.29	2.12	-.50	3.98	.52
REDFIELD 6 E	.30	-.03	.86	.19	.62	-.28	6.25	4.20	3.92	.98	3.06	-.62
WATERTOWN FAA AP //R	.33	-.23	.70	.00	.54	-.67	5.45	3.25	4.41	1.27	4.87	.91
WENTWORTH 2 WNW	.50	.04	.32	-.44	1.26	-.20	6.08	3.93	5.33	2.31	5.31	1.49
WESSINGTON 2 SE	M		M		M		M		M		M	
WESSINGTON SPRINGS	.27		.12		1.85		5.25		4.94		5.46	
WESSINGTON SPNGS 7 SW	1.09	.51	.19	-.70	2.24	.69	5.45	3.02	3.09	-.05	5.20	1.76
--DIVISIONAL DATA-------->	.34	-.10	.46	-.21	1.20	.05	6.07	3.94	3.72	.73	4.12	.40
SOUTH CENTRAL 08												
ACADEMY 2 NE	.49	.04	.12	-.64	1.71	.46	4.10	1.63	2.82	-.54	4.05	.33
CEDAR BUTTE	.05		M .31		2.88		5.41		1.14		6.06	
GREGORY	.95	.43	T .00	-.86	1.92	.43	3.74	.99	4.67	1.45	5.88	1.93
HARRINGTON	.66		.68		2.25		4.75		2.47		5.02	
MISSION	.19		.44		2.15		3.78		2.41		3.52	
MISSION 14 S	.51		.40		1.91		4.21		3.42		3.00	
WINNER	.65	.19	.41	-.29	M 1.90		3.92	1.18	5.19	1.94	4.89	1.09
--DIVISIONAL DATA-------->	.50	.12	.34	-.33	2.14	.92	4.27	1.89	3.16	-.01	4.63	1.04
SOUTHEAST 09												
ALEXANDRIA	.27	-.07	.04	-.54	1.51	.34	6.34	4.10	4.26	1.32	3.75	.14
ARMOUR	.47	-.04	.05	-.84	1.72	.35	6.62	4.35	3.76	.75	6.74	3.02
BONESTEEL	.19	-.20	T .00	-.86	1.85	.18	5.65	2.95	5.96	1.95	4.80	.76
BRIDGEWATER	.33	-.19	T .00	-.73	1.65	.24	7.06	4.93	3.19	.03	4.27	.52
CANISTOTA 2 N	.78	.35	.02	-.76	2.13	.74	5.72	3.71	5.99	2.94	5.51	1.53
CANTON 4 WNW	.28	-.15	T .00	-.93	1.90	.48	5.49	3.10	2.91	-.14	3.84	-.01
CENTERVILLE 6 SE	.27	-.19	.02	-1.08	1.89	.46	5.17	2.81	4.44	1.21	3.38	-.61
CHESTER	.65		.10		1.73		6.30		3.65		7.07	
COLTON	.58		.14		1.63		6.50		3.82		7.99	
ELK POINT 12 NE	M		M .21		1.98		5.34		1.81		3.86	
LYONS	M .65		.50		1.61		5.92		3.13		5.82	
MARION	.74	.25	T .00	-.87	2.51	.91	6.47	4.08	M 4.19		M	
MENNO	.36	-.08	.09	-.70	1.82	.42	6.32	4.07	4.58	1.33	4.03	.16
MITCHELL 2 NE	.66	.29	.15	-.50	1.53	.32	7.07	4.74	3.00	-.15	5.31	1.81
MONTROSE	.48	.10	.20	-.48	2.24	1.03	5.99	3.70	3.41	.49	6.66	2.81
PICKSTOWN //	.48	.10	.20	-.48	2.24	1.03	5.99	3.70	3.41	.49	6.66	2.81
PLATTE	.46	.05	.17	-.56	2.17	.83	4.87	2.41	5.15	1.83	4.56	.45
SIOUX FALLS WSFO AP //R	.72	.22	.05	-.88	1.50	-.08	5.15	2.79	2.42	-.79	3.93	.23
TYNDALL	.43	.02	.27	-.48	2.52	1.18	5.36	3.00	3.72	.32	4.43	.57
VERMILLION 2 SE	.07	-.30	.27	-.47	2.27	.88	4.54	2.32	3.67	.01	3.50	-.33
WAGNER	.57	-.04	.32	-.59	1.99	.58	7.02	4.53	3.19	-.15	3.50	-.39
WHITE LAKE	.12	-.29	T .00	-.70	2.05	.87	4.97	2.64	3.68	.31	5.05	1.50
YANKTON 2 E	.08	-.24	.33	-.31	2.46	1.08	3.89	1.70	3.60	.11	3.83	-.09
--DIVISIONAL DATA-------->	.38	-.04	.11	-.69	1.96	.57	5.82	3.49	3.72	.46	4.47	.69

SEE REFERENCE NOTES FOLLOWING STATION INDEX

YANKTON 2 E		.08	-.24	.33	-.31	2.46	1.08	3.89	1.70	3.60	.11	3.83	-.(									
--DIVISIONAL DATA------->		.38	-.04	.11	-.69	1.96	.57	5.82	3.49	3.72	.46	4.47	.6									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP	DEPARTURE	[illegible]	[illegible]
EAST CENTRAL 07														
ARLINGTON 1 W	6.59		3.61		6.71		.61		.62		.00		34.89	
BROOKINGS 2 NE	3.71	.86	3.43	.28	7.67	5.72	.38	-.95	.53	-.13 T	.00	-.45	32.72	4.37
BRYANT 1 NE	3.49		3.93		4.12		.38		.42		.00		31.61	
CASTLEWOOD	5.24	2.14	2.35	-.43	4.36	2.56 M			.54	-.29 T	.00	-.65		
CLARK	2.68	-.14	3.47	.90	5.79	4.29	.21	-1.22	.52	-.32 T	.00	-.65	27.93	7.31
CLEAR LAKE	5.85	2.56	2.34	-.82	4.43	2.46	.50	-1.16	.42	-.53	.00	-.69	29.45	5.54
DE SMET	7.45	4.62	3.46	.78	4.46	2.73	.38	-1.21	.53	-.40 T	.00	-.71	32.82	10.09
FLANDREAU	4.13	1.40	2.53	-.40	9.52	7.17	.76	-.82 M	.69		.00	-.52 M	31.43	
FORESTBURG 3 NE //	1.56	-1.24	3.61	1.22	5.00	3.27	1.18	-.44	.72	-.13	.01	-.65 M	28.12	
GANN VALLEY 2 NW	1.31	-1.16	2.95	.90	5.37	3.94	1.13	-.09	.65	.16 T	.00	-.34	24.31	7.20
HOWARD	2.30	-.24	2.43	-.17	6.10	4.11	.82	-.59 M		T	.00	-.60		
HURON WSO AP //R	6.44	4.18	2.84	.83	4.03	2.67	.42	-.97	.52	-.17 T	.00	-.52	27.38	8.72
IROQUOIS	6.79	4.27	4.46	2.24	5.18	3.58	.30	-1.13	.26	-.49	.00	-.48	32.65	13.03
MADISON RESEARCH FARM	3.37		3.06		6.89		.77		.82	T	.00		36.30	
MILLER	2.51	.21	1.32	-.92	4.21	2.91	.89	-.36	1.46	.83	.00	-.49		
RAYMOND 3 NE	2.77	-.14	3.59	1.40	3.46	2.12	.03	-1.34	.05	-.66 T	.00	-.42	23.92	5.39
REDFIELD 6 E	2.19	-.29	4.09	2.12	4.70	3.45	.48	-.78	.22	-.34 T	.00	-.42	26.69	8.18
WATERTOWN FAA AP //R	5.10	2.14	3.05	.28	3.35	1.75	.03	-1.63	.35	-.54 T	.00	-.68	28.18	5.85
WENTWORTH 2 WNW	3.84	1.03	3.78	.52	6.51	4.34	.89	-.56	.93	.10 T	.00	-.71	34.75	11.85
WESSINGTON 2 SE	4.21		1.09		5.37		.36		.76	T	.00			
WESSINGTON SPRINGS	3.00		2.00		5.95		1.33		.80	T	.00		30.97	
WESSINGTON SPNGS 7 SW	1.62	-.85	1.93	-.13	6.64	5.22	1.47	.19	.45	-.40 T	.00	-.71	29.37	8.55
--DIVISIONAL DATA------->	3.79	1.07	2.92	.33	5.52	3.81	.68	-.78	.64	-.11	.00	-.57	29.46	8.56
SOUTH CENTRAL 08														
ACADEMY 2 NE	2.06	-.48	2.18	.01	3.85	2.05	.95	-.35	.51	-.28	.05	-.40	22.89	1.83
CEDAR BUTTE	.84		1.61		2.69		1.22	M	.81	T	.00	M	23.02	
GREGORY	3.28	.49	1.07	-1.08	8.45	6.42	1.30	-.04	1.00	.07	.00	-.72	32.26	9.51
HARRINGTON	2.93		1.96		2.30		1.27		.76	T	.00		25.05	
MISSION	3.70		2.47		3.14		1.31	M	.61		.27	M	23.99	
MISSION 14 S	2.47		1.48		3.09		1.16		.57		.18		22.40	
WINNER	2.47	-.38	2.82	.23	7.67	5.81	1.39	.10	.96	.22 T	.00	-.56 M	32.27	
--DIVISIONAL DATA------->	2.54	-.01	1.94	-.31	4.46	2.85	1.23	.06	.76	.11	.07	-.44	26.04	5.89
SOUTHEAST 09														
ALEXANDRIA	2.06	-.81	3.10	.50	7.27	5.13	.77	-.60	.47	-.23 T	.00	-.52	29.84	8.76
ARMOUR	1.98	-.99	.30	-2.26	7.07	4.99	1.33	.01	.55	-.23	.00	-.74	30.59	8.37
BONESTEEL	2.20	-.72 M	.60		9.10	6.87	.55	-.98	.50	-.36	.00	-.48 M	31.40	
BRIDGEWATER	2.30	-.69	2.62	-.32	7.00	4.71	.81	-.74	.92	.04	.00	-.74	30.15	7.06
CANISTOTA 2 N	2.49	-.47	5.13	2.11 M										
CANTON 4 WNW	2.13	-.84	2.33	-1.13	6.13	3.72	1.80	.33	.98	.07	.02	-.74	27.81	3.76
CENTERVILLE 6 SE	2.31	-.91	2.68	-.46	5.26	2.68	1.69	.16	.90	-.08	.07	-.61	28.08	3.38
CHESTER	2.37		4.67		6.40		.88		.91	T	.00		34.73	
COLTON	3.02		3.84		8.91		1.16		1.01		.02		38.62	
ELK POINT 12 NE	2.11		2.43		5.12		2.31	M	.85		.15			
LYONS	3.41		2.49		8.17		1.34		.81	T	.00		33.85	
MARION	2.95	.05	2.35	-.38	7.80	5.19	1.41	-.07	.97	.02 T	.00	-.78		
MENNO	2.18	-1.06	2.27	-.30	7.88	5.37	1.41	.00	.42	-.52 T	.00	-.73	31.36	7.96
MITCHELL 2 NE	2.23	-.23	2.54	-.16	6.83	4.77	.72	-.67 M	.93	T	.00	-.52 M	30.97	
MONTROSE	2.37	-.28	1.86	-.65	6.97	4.76	1.48	.21	.41	-.36	.00		32.07	
PICKSTOWN //	2.37	-.28	1.86	-.65	6.97	4.76	1.48	.21	.41	-.36 T	.00	-.63	32.07	10.70
PLATTE	2.37	-.22	.49	-1.92	4.26	2.27	1.28	-.17	.59	-.17	.03	-.60	26.40	4.20
SIOUX FALLS WSFO AP //R	2.59	-.12	2.77	-.36	9.26	6.47	1.22	-.35	.89	-.03 T	.00	-.72	30.50	6.38
TYNDALL	1.83	-1.57	1.50	-1.15	7.32	4.82	1.68	.31	.58	-.28 T	.00	-.65	29.64	6.09
VERMILLION 2 SE	3.02	-.35	2.69	-.53	4.42	2.21	2.24	.75	.90	.01	.14	-.54	27.73	3.66
WAGNER	2.05	-1.10	.81	-1.87	6.09	3.47	1.46	.00 M	.63	T	.00	-.88 M	27.63	
WHITE LAKE	1.78	-.80	.25	-2.30	6.36	4.55	.65	-.62	.35	-.41	.00	-.53	25.26	4.22
YANKTON 2 E	1.89	-1.28	2.53	-.55	6.33	4.00	1.71	.36	.73	-.16	.05	-.47	27.43	4.15
--DIVISIONAL DATA------->	2.24	-.72	2.04	-.80	6.94	4.60	1.30	-.13	.69	-.17	.02	-.64	29.69	6.62

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

SOUTH DAKOTA
1987

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07												
ARLINGTON 1 W	.18		.36		2.59		.42		1.61		1.50	
BROOKINGS 2 NE	.02	-.32	.28	-.22	2.48	1.51	.28	-1.74	1.65	-1.41	2.54	-1.87
BRYANT 1 NE	.26		.55		3.18		.84		1.22		2.21	
CASTLEWOOD	.14	-.42	.32	-.38	2.58	1.51	.56	-1.48	.95	-2.31	1.14	-2.96
CLARK	.30	-.27	1.12	.44	2.94	1.94	.33	-1.75	2.28	-.60	.86	-2.89
CLEAR LAKE	.17	-.44	.43	-.29	2.20	.80	.70	-1.65	1.42	-1.67	1.35	-2.62
DE SMET	.18	-.42	.81	.06	3.30	2.05	.45	-1.83	.97	-2.18	1.79	-2.48
FLANDREAU	.12	-.25	.30	-.34	3.09	1.97	.34	-1.70	2.76	-.21	1.68	-2.29
FORESTBURG 3 NE //	.27	-.24	.74	.00	5.68	4.34	.73	-1.45	1.95	-1.00	2.66	-.70
GANN VALLEY 2 NW	.27	.00	1.27	.84	2.88	2.15	1.23	-.63	1.68	-1.04	1.89	-1.21
HOWARD	.18	-.25	.71	.02	3.22	2.01	.38	-1.79	1.53	-1.46	1.78	-1.93
HURON WSO AP //R	.19	-.23	1.16	.39	4.78	3.56	.42	-1.57	2.34	-.38	1.54	-1.77
IROQUOIS	.26	-.17	1.02	.41	4.52	3.48	.71	-1.28	1.20	-1.80	1.73	-1.82
MADISON RESEARCH FARM	.13		.67		3.23		.33		2.23		2.24	
MILLER	.32	-.11	1.35	.71	2.31	1.32	.73	-1.48	1.27	-1.48	.73	-2.41
RAYMOND 3 NE	.07	-.28	.83	.34	2.73	1.94	.35	-1.53	1.77	-.85	1.76	-1.70
REDFIELD 6 E	.15	-.18	1.03	.36	2.05	1.15	.44	-1.61	1.13	-1.81	1.15	-2.53
WATERTOWN FAA AP //R	.39	-.17	.58	-.12	2.01	.80	.80	-1.40	1.28	-1.86	.69	-3.27
WENTWORTH 2 WNW	.07	-.39	.36	-.40	2.51	1.05	.30	-1.85	2.04	-.98	2.96	-.86
WESSINGTON 2 SE	.16		1.35		4.36		1.16		1.42		1.04	
WESSINGTON SPRINGS	.30		2.06		5.61		.70		4.38		1.39	
WESSINGTON SPNGS 7 SW	.15	-.43	1.09	.20	4.48	2.93	.82	-1.61	1.65	-1.49	1.52	-1.92
--DIVISIONAL DATA-------->	.20	-.24	.82	.15	3.18	2.03	.55	-1.58	1.87	-1.12	1.65	-2.07
SOUTH CENTRAL 08												
ACADEMY 2 NE	.26	-.19	1.72	.96	5.01	3.76	1.22	-1.25	1.17	-2.19	3.61	-.11
CEDAR BUTTE T	.00		1.31		3.30		.32		4.11		1.10	
GREGORY	.48	-.04	2.94	2.08	6.65	5.16	2.45	-.30	2.60	-.62	2.50	-1.45
HARRINGTON	.10		1.94		3.02		.53		4.18		2.68	
MISSION	.11		1.26		2.87		.57		4.96		.80	
MISSION 14 S	.05		1.35		2.37		.65		3.74		1.03	
WINNER	.31	-.15	1.90	1.20	4.90	3.54	1.00	-1.74	3.80	.55	2.32	-1.48
WOOD												
--DIVISIONAL DATA-------->	.19	-.19	1.77	1.10	4.02	2.80	.96	-1.42	3.51	.34	2.01	-1.58
SOUTHEAST 09												
ALEXANDRIA	.08	-.26	.71	.13	5.38	4.21	.31	-1.93	1.56	-1.38	1.45	-2.16
ARMOUR	.09	-.42	1.28	.39	7.21	5.84	.33	-1.94	.94	-2.07	1.86	-1.86
BONESTEEL	.30	-.09	2.50	1.64	8.10	6.43	1.40	-1.30	3.28	-.73	1.02	-3.62
BRIDGEWATER	.11	-.41	.49	-.24	3.53	2.12	.36	-1.77	2.63	-.53	1.84	-1.91
CANTON 4 WNW	.02	-.41	.13	-.80	3.10	1.68	.48	-1.91	2.26	-.79	2.35	-1.50
CENTERVILLE 6 SE	.04	-.42	.15	-.95	4.15	2.72	.50	-1.86	3.15	-.08	3.58	-.41
CHESTER	.10		.25		3.00		.41		3.00		2.83	
COLTON	.15		.22		3.71		.38		3.57		2.56	
ELK POINT 12 NE M		M	.21	M	3.87		.49		4.26		1.16	
LYONS 5 SSW	.06		.08		3.04		.40		2.93		1.28	
MARION	.03	-.46	.37	-.50	4.12	2.52	.46	-1.93	2.06	-1.14	2.00	-1.80
MENNO	.12	-.32	.46	-.33	5.12	3.72	.24	-2.01	2.61	-.64	1.44	-2.43
MITCHELL 2 NE	.23	-.14	.74	.09	7.49	6.28	.37	-1.96	1.03	-2.12	1.46	-2.04
MONTROSE	.12		.31		3.94		.40		2.16		2.54	
PICKSTOWN //	.05	-.33	1.08	.40	7.70	6.49	.87	-1.42	1.25	-1.67	1.26	-2.59
PLATTE	.15	-.26	1.57	.84	6.39	5.05	.78	-1.68	1.52	-1.80	.89	-3.22
SIOUX FALLS WSFO AP //R	.19	-.31	.26	-.67	3.27	1.69	.28	-2.08	2.94	-.27	1.78	-1.92
TYNDALL	.05	-.36	1.61	.86	6.27	4.93	.46	-1.90	3.50	.10	1.84	-2.02
VERMILLION 2 SE	.02	-.35	.36	-.38	4.89	3.50	.48	-1.74	3.00	-.66	2.99	-.84
WAGNER	.14	-.39	1.16	.25	8.00	6.59	.39	-2.10	1.60	-1.74	1.58	-2.31
WHITE LAKE T	.00	-.41	1.45	.75	5.05	3.87	.68	-1.65	.85	-2.52	2.90	-.65
YANKTON 2 E	.02	-.30	.57	-.07	5.23	3.85	.38	-1.81	3.98	.49	3.76	-.16
--DIVISIONAL DATA-------->	.09	-.33	.83	.03	5.54	4.15	.50	-1.83	2.29	-.97	2.07	-1.71

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
EAST CENTRAL 07														
ARLINGTON 1 W	5.03		3.44		3.24		.90		1.45					
BROOKINGS 2 NE	5.29	2.44	1.88	-1.27	4.55	2.60	.52	-.81	.77	.11				
BRYANT 1 NE	5.61		2.99		1.52		1.06		.79					
CASTLEWOOD	7.42	4.32	1.96	-.82	3.21	1.41	.78	-.76 M	.37					
CLARK	3.15	.33	3.99	1.42	1.29	-.21	.51	-.92	.95	.11				
CLEAR LAKE	4.93	1.64	1.95	-1.21	2.78	.81	1.16	-.50	.87	-.08				
DE SMET	8.31	5.48	3.28	.60	1.76	.03	1.05	-.54	.92	-.01	1.01			
FLANDREAU	4.48	1.75	2.58	-.35	2.21	-.14	.40	-1.18	1.34	.64				
FORESTBURG 3 NE //	4.11	1.31	1.98	-.41	1.65	-.08	.83	-.79	1.11	.26				
GANN VALLEY 2 NW	2.57	.10	1.60	-.45	.78	-.65	.61	-.61	1.28	.79				
HOWARD	5.39	2.85	2.74	.14	2.27	.28	.56	-.85	.70	-.12 M	1.98			
HURON WSO AP //R	2.19	-.07	2.98	.97	1.36	.00	.42	-.97	.74	.05	1.28	.76		
IROQUOIS	4.51	1.99	2.15	-.07	1.60	.00	.55	-.88	1.54	.79 M	1.28			
MADISON RESEARCH FARM	5.75		2.06		2.24		.35		1.38		1.41			
MILLER	1.00	-1.30	1.36	-.88	1.60	.30	.30	-.95	1.27	.64	.88	.39	13.12	-5.25
RAYMOND 3 NE	3.56	.65	4.20	2.01	.98	-.36	.28	-1.09	.65	-.06	.03	-.39	17.21	-1.32
REDFIELD 6 E	2.47	-.01	.74	-1.23	1.44	.19	.35	-.91	.85	.29	.02	-.40	11.82	-6.69
WATERTOWN FAA AP //R	4.09	1.13	4.68	1.91	1.82	.22	.38	-1.28	.70	-.19	.18	-.50	17.60	-4.73
WENTWORTH 2 WNW	5.48	2.67	2.46	-.80	2.58	.41	.46	-.99	.79	-.04	1.12	.41	21.13	-1.77
WESSINGTON 2 SE	1.37		2.26		.95		.72		.99		1.17		16.95	
WESSINGTON SPRINGS	4.51		4.19		1.24		.62		.47		1.56		27.03	
WESSINGTON SPNGS 7 SW	4.04	1.57	3.39	1.33	.81	-.61	.67	-.61	1.19	.34	1.06	.35	20.87	.05
--DIVISIONAL DATA------->	4.45	1.73	2.53	-.06	2.05	.34	.58	-.88	.94	.19	.80	.23	19.62	-1.28
SOUTH CENTRAL 08														
ACADEMY 2 NE	4.21	1.67	2.50	.33	1.68	-.12	.62	-.68	1.18	.39	.87	.42	24.05	2.99
CEDAR BUTTE	3.25		2.01		1.24		.33		.15		.84		17.96	
GREGORY	3.40	.61	6.11	3.96	2.81	.78	.63	-.71	2.11	1.18	1.85	1.13	34.53	11.78
HARRINGTON	3.32		1.96		1.11		.68		.26		1.56		21.34	
MISSION	3.68		1.54		.61		.58		.22		1.23		18.43	
MISSION 14 S	4.77		2.79		.77		1.00		2.14		1.94		22.60	
WINNER	4.82	1.97	1.95	-.64	.82	-1.04	.97	-.32	1.50	.76	1.15	.59	25.44	3.24
WOOD							.45	-.73	.48	-.13 M	.62			
--DIVISIONAL DATA------->	3.92	1.37	2.69	.44	1.29	-.32	.66	-.51	1.01	.36	1.35	.84	23.38	3.23
SOUTHEAST 09														
ALEXANDRIA	5.15	2.28	2.02	-.58	1.77	-.37	.54	-.83	1.24	.54	.77	.25	20.98	-.10
ARMOUR	2.24	-.73	2.69	.13	1.47	-.61	.58	-.74	.82	.04	.98	.24	20.49	-1.73
BONESTEEL	3.25	.33	3.95	1.10	5.80	3.57	.40	-1.13	2.60	1.74	1.13	.65	33.73	9.19
BRIDGEWATER	6.46	3.47	1.72	-1.22	2.25	-.04	.67	-.88	1.20	.32 M	.62		21.88	
CANTON 4 WNW	2.86	-.11	1.62	-1.84	2.55	.14	.22	-1.25	1.44	.53	1.18	.42	18.21	-5.84
CENTERVILLE 6 SE	4.75	1.53	1.42	-1.72	2.67	.09	.25	-1.28	1.26	.28 M	.89		22.81	
CHESTER	7.50		1.74		1.74		.41		1.39		1.07		23.44	
COLTON	8.02		2.68		2.03		.37		1.31		1.30		26.30	
ELK POINT 12 NE	2.43		4.01		3.11		.18 M		.94 M		.22			
LYONS 5 SSW	3.21 M				1.83		.39		1.30		1.28			
MARION	2.22	-.68	2.11	-.62	3.44	.83	.39	-1.09	1.47	.52	.92	.14	19.59	-4.21
MENNO	6.35	3.11	2.35	-.22	1.71	-.80	.36	-1.05	.95	.01	.44	-.29	22.15	-1.25
MITCHELL 2 NE	4.16	1.70	1.43	-1.27	2.93	.87	.57	-.82	1.48	.73	1.99	1.47	23.88	2.79
MONTROSE	4.46		1.51		1.66		.46		1.22		1.58		20.36	
PICKSTOWN //	4.26	1.61	2.16	-.35	4.13	1.92	.37	-.90	1.06	.29	1.17	.54	25.36	3.99
PLATTE	2.35	-.24	2.72	.31	3.34	1.35	.48	-.97	1.37	.61	1.17	.54	22.73	.53
SIOUX FALLS WSFO AP //R	3.16	.45	1.36	-1.77	2.05	-.74	.31	-1.26	1.66	.74	1.40	.68	18.66	-5.46
TYNDALL	4.99	1.59	1.72	-.93	2.32	-.18	.65	-.72	1.26	.40	.39	-.26	25.06	1.51
VERMILLION 2 SE	6.96	3.59	1.38	-1.84	2.57	.36	.41	-1.08	1.42	.53	.75	.07	25.23	1.16
WAGNER	5.08	1.93	2.71	.03	4.52	1.90	.50	-.96	1.03	.05	.84	-.04	27.55	3.21
WHITE LAKE	4.20	1.62	3.94	1.39	1.10	-.71	.52	-.75	1.00	.24 M	1.15		22.84	
YANKTON 2 E	2.81	-.36	1.79	-1.29	2.20	-.13	.36	-.99	.78	-.11	.64	.12	22.52	-.76
--DIVISIONAL DATA------->	4.31	1.35	2.15	-.69	2.72	.38	.44	-.99	1.29	.43	.97	.31	23.20	.13

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07												
ARLINGTON 1 W	1.19		.59		1.43		1.52		2.63		1.52	
BROOKINGS 2 NE	.35	.01	.14	-.36	.29	-.68	1.80	-.22	1.52	-1.54	1.42	-2.99
BRYANT 1 NE	.76		.30		.81		1.39		2.85		.63	
CASTLEWOOD	1.30	.74	.52	-.18	.93	-.14	1.10	-.94	1.93	-1.33	.49	-3.61
CLARK	.43	-.14	.23	-.45	.72	-.28	1.18	-.90	2.94	.06	1.11	-2.64
CLEAR LAKE	1.35	.74	.37	-.35	1.08	-.32	1.21	-1.14	1.74	-1.35	.48	-3.49
DE SMET	1.42	.82	.62	-.13	1.63	.38	1.17	-1.11	2.28	-.87	1.71	-2.56
FLANDREAU	.85	.48	.19	-.45	1.08	-.04	2.62	.58	1.64	-1.33	1.68	-2.29
FORESTBURG 3 NE //	.87	.36	.20	-.54	.27	-1.07	2.14	-.04	4.06	1.11	.20	-3.16
GANN VALLEY 2 NW	M .07		M .10		.61	-.12	1.92	.06	6.03	3.31	1.82	-1.28
HOWARD	1.85	1.42	.65	-.04	1.10	-.11	2.16	-.01	2.95	-.04	1.40	-2.31
HURON WSO AP //R	.39	-.03	.53	-.24	.88	-.34	2.06	.07	5.58	2.86	.77	-2.54
IROQUOIS	.39	-.04	.35	-.26	2.05	1.01	1.88	-.11	3.02	.02	2.27	-1.28
MADISON 2 E	1.51		.33		.79		2.70		3.39		2.02	
MILLER	.15	-.28	.33	-.31	.55	-.44	1.53	-.68	4.57	1.82	1.39	-1.75
RAYMOND 3 NE	.15	-.20	.13	-.36	.55	-.24	1.18	-.70	4.12	1.50	1.26	-2.20
REDFIELD 6 E	.09	-.24	.24	-.43	.15	-.75	1.06	-.99	3.67	.73	1.12	-2.56
WATERTOWN FAA AP //R	.41	-.15	.25	-.45	.69	-.52	.88	-1.32	2.66	-.48	.65	-3.31
WENTWORTH 2 WNW	1.18	.72	.34	-.42	.60	-.86	2.15	.00	3.00	-.02	1.25	-2.57
WESSINGTON 2 SE	.24		.31		.75		1.91		5.40		.40	
WESSINGTON SPRINGS	.75		.30		1.72		2.35		6.08		.53	
WESSINGTON SPNGS 7 SW	.99	.41	.09	-.80	1.91	.36	1.47	-.96	5.47	2.33	1.25	-2.19
--DIVISIONAL DATA-------->	.86	.42	.35	-.32	.82	-.33	1.75	-.38	3.38	.39	1.13	-2.59
SOUTH CENTRAL 08												
ACADEMY 2 NE	1.77	1.32	.41	-.35	.89	-.36	2.59	.12	7.16	3.80	.72	-3.00
CEDAR BUTTE	.43		.54		1.15		1.01		4.99		5.29	
GREGORY	2.10	1.58	.25	-.61	1.50	.01	3.06	.31	6.38	3.16	2.12	-1.83
HARRINGTON	.66		.73		1.14		1.08		5.31		4.76	
MISSION	.40		.63		.83		1.02		4.72		3.31	
MISSION 14 S	.68		.56		1.36		1.68		4.69		3.73	
WINNER	1.22	.76	.25	-.45	1.90	.54	3.14	.40	6.28	3.03	2.45	-1.35
WOOD	.10	-.33	.32	-.39	M .27		1.18	-1.15	4.48	1.26	3.29	.23
--DIVISIONAL DATA-------->	.92	.54	.46	-.21	1.25	.03	1.85	-.53	5.50	2.33	3.21	-.38
SOUTHEAST 09												
ALEXANDRIA	1.05	.71	.32	-.26	.47	-.70	3.07	.83	3.03	.09	.48	-3.13
ARMOUR	2.14	1.63	.32	-.57	.89	-.48	2.90	.63	2.74	-.27	1.84	-1.88
BONESTEEL	.65	.26	.80	-.06	.65	-1.02	4.40	1.70	6.00	1.99	1.70	-2.34
BRIDGEWATER	M .00		M .25		.48	-.93	2.33	.20	3.94	.78	.57	-3.18
CANTON 4 WNW	.63	.20	.15	-.78	.69	-.73	3.24	.85	2.42	-.63	1.12	-2.73
CENTERVILLE 6 SE	.95	.49	.30	-.80	.52	-.91	2.65	.29	2.04	-1.19	1.45	-2.54
CHESTER	1.19		.35		.61		3.40		3.46		1.82	
COLTON	1.28		.47		.66		3.46		3.86		1.54	
ELK POINT 12 NE	M .02		M .00		.95		2.91		3.19		.73	
LYONS 5 SSW	1.49		.27		.53		3.41		2.64		2.06	
MARION	1.55	1.06	.42	-.45	.64	-.96	2.85	.46	3.79	.59	1.16	-2.64
MENNO	.92	.48	.14	-.65	.29	-1.11	2.06	-.19	3.38	.13	1.10	-2.77
MITCHELL 2 NE	1.52	1.15	.35	-.30	1.00	-.21	3.19	.86	3.70	.55	.41	-3.09
MONTROSE	1.82		M .66		.56		3.00		4.53		1.00	
PICKSTOWN //	.57	.19	.23	-.45	.69	-.52	3.48	1.19	4.48	1.56	2.36	-1.49
PLATTE	1.69	1.28	.27	-.46	.75	-.59	3.22	.76	4.81	1.49	1.63	-2.48
SIOUX FALLS WSFO AP //R	1.54	1.04	.25	-.68	.63	-.95	3.00	.64	1.54	-1.67	.91	-2.79
TYNDALL	.83	.42	.35	-.40	.27	-1.07	2.28	-.08	3.12	-.28	1.09	-2.77
VERMILLION 2 SE	.42	.05	.19	-.55	M .24	-1.15	2.80	.58	2.71	-.95	2.07	-1.76
WAGNER	2.11	1.58	1.03	.12	.36	-1.05	3.28	.79	4.68	1.34	2.63	-1.26
WHITE LAKE	M .80		T .00	-.70	.95	-.23	1.83	-.50	5.10	1.73	1.26	-2.29
YANKTON 2 E	1.26	.94	.37	-.27	.34	-1.04	2.94	.75	2.09	-1.40	.95	-2.97
--DIVISIONAL DATA-------->	1.15	.73	.35	-.45	.59	-.80	2.89	.56	3.42	.16	1.32	-2.46

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 07														
ARLINGTON 1 W	1.07		5.60		2.59		.17		M 1.03		.24		M 19.58	
BROOKINGS 2 NE	1.75	-1.10	2.94	-.21	4.70	2.75	.03	-1.30	.77	.11	.19	-.26	15.90	-5.79
BRYANT 1 NE	1.15		4.04		2.09		.18		1.03		.15		15.38	
CASTLEWOOD	1.97	-1.13	5.68	2.90	2.11	.31	.16	-1.38	1.00	.17	.33	-.32	17.52	-4.91
CLARK	.94	-1.88	3.35	.78	4.31	2.81	.42	-1.01	1.04	.20	.36	-.29	17.03	-3.74
CLEAR LAKE	2.27	-1.02	6.34	3.18	2.34	.37	.17	-1.49	1.24	.29	.39	-.30	18.98	-4.88
DE SMET	1.63	-1.20	2.42	-.26	3.82	2.09	.17	-1.42	1.03	.10	.45	-.26	18.35	-4.42
FLANDREAU	.69	-2.04	4.31	1.38	3.97	1.62	.02	-1.56	1.01	.31	.06	-.46	18.12	-3.80
FORESTBURG 3 NE //	.93	-1.87	1.45	-.94	4.01	2.28	.12	-1.50	.94	.09	.40	-.26	15.59	-5.54
GANN VALLEY 2 NW	2.15	-.32	.80	-1.25	2.32	.89	.08	-1.14	.47	-.02	.79	.45	M 17.16	
HOWARD	1.90	-.64	5.24	2.64	3.83	1.84	.00	-1.41	1.40	.58	.30	-.30	22.78	1.62
HURON WSO AP //R	1.44	-.82	2.13	.12	3.69	2.33	.09	-1.30	.99	.30	.65	.13	19.20	.54
IROQUOIS	1.69	-.83	3.08	.86	3.09	1.49	.27	-1.16	1.56	.81	.13	-.35	19.78	.16
MADISON 2 E	.89		5.23		3.50		.02		.72		M .21		M 21.31	
MILLER	2.19	-.11	1.49	-.75	2.70	1.40	.27	-.98	.37	-.26	.68	.19	16.22	-2.15
RAYMOND 3 NE	.89	-2.02	4.58	2.39	4.77	3.43	.31	-1.06	.65	-.06	.29	-.13	18.88	.35
REDFIELD 6 E	1.25	-1.23	3.67	1.70	3.99	2.74	.26	-1.00	.79	.23	.52	.10	16.81	-1.70
WATERTOWN FAA AP //R	2.75	-.21	2.89	.12	2.67	1.07	.32	-1.34	.60	-.29	.19	-.49	14.96	-7.37
WENTWORTH 2 WNW	1.19	-1.62	5.06	1.80	3.10	.93	T .00	-1.45	1.17	.34	.32	-.39	19.36	-3.54
WESSINGTON 2 SE	2.89		1.81		3.13		.26		.73		.85		18.68	
WESSINGTON SPRINGS	1.45		1.69		3.44		.10		.90		.64		19.95	
WESSINGTON SPNGS 7 SW	1.09	-1.38	1.21	-.85	3.94	2.52	T .00	-1.28	.68	-.17	.27	-.44	18.37	-2.45
--DIVISIONAL DATA-------->	1.59	-1.13	3.42	.83	3.41	1.70	.14	-1.32	.90	.15	.42	-.15	18.17	-2.73
SOUTH CENTRAL 08														
ACADEMY 2 NE	1.70	-.84	1.79	-.38	5.09	3.29	.36	-.94	.89	.10	.51	.06	23.88	2.82
CEDAR BUTTE	.86		.22		1.60		.38		.21		.79		17.47	
GREGORY	2.24	-.55	4.15	2.00	4.51	2.48	.41	-.93	1.17	.24	.40	-.32	28.29	5.54
HARRINGTON	1.17		.39		1.22		.26		.56		.36		17.64	
MISSION	2.41		.57		1.56		.15		.47		.22		16.29	
MISSION 14 S	2.84		.94		1.57		.16		.50		.41		19.12	
WINNER	2.53	-.32	1.40	-1.19	3.23	1.37	.20	-1.09	.78	.04	.27	-.29	23.65	1.45
WOOD	1.47	-1.03	.59	-1.56	1.87	.53	.33	-.85	.62	.01	M .06		M 14.58	
--DIVISIONAL DATA-------->	1.90	-.65	1.26	-.99	2.58	.97	.28	-.89	.65	.00	.42	-.09	20.28	.13
SOUTHEAST 09														
ALEXANDRIA	1.16	-1.71	4.19	1.59	3.34	1.20	.04	-1.33	.98	.28	.24	-.28	18.37	-2.71
ARMOUR	2.37	-.60	2.62	.06	3.90	1.82	.41	-.91	1.03	.25	.51	-.23	21.67	-.55
BONESTEEL	4.07	1.15	2.11	-.74	7.30	5.07	1.00	-.53	1.10	.24	.50	.02	30.28	5.74
BRIDGEWATER	.98	-2.01	3.73	.79	2.95	.66	.00	-1.55	1.16	.28	.28	-.46	M 16.67	
CANTON 4 WNW	.75	-2.22	3.98	.52	3.83	1.42	.19	-1.28	.82	-.09	.17	-.59	17.99	-6.06
CENTERVILLE 6 SE	.83	-2.39	5.24	2.10	4.15	1.57	.28	-1.25	1.68	.70	.14	-.54	20.23	-4.47
CHESTER	.79		4.92		2.94		.02		1.40		.26		21.16	
COLTON	3.32		4.89		3.34		T .00		1.42		.34		24.58	
ELK POINT 12 NE	1.36		10.65		4.73		.12		1.40		M .09		M 26.15	
LYONS 5 SSW	.41		3.71		3.65		.00		1.19		.40		19.76	
MARION	.79	-2.11	4.84	2.11	3.48	.87	M		1.31	.36	.32	-.46		
MENNO	2.65	-.59	2.53	-.04	2.99	.48	.35	-1.06	.81	-.13	.05	-.68	17.27	-6.13
MITCHELL 2 NE	1.00	-1.46	2.36	-.34	3.35	1.29	T .00	-1.39	.94	.19	.41	-.11	18.23	-2.86
MONTROSE	1.91		3.27		3.23		.01		1.18		.60		M 21.77	
PICKSTOWN //	1.96	-.69	3.04	.53	4.19	1.98	.28	-.99	.91	.14	.18	-.45	22.37	1.00
PLATTE	1.59	-1.00	4.45	2.04	4.67	2.68	.31	-1.14	1.14	.38	.37	-.26	24.90	2.70
SIOUX FALLS WSFO AP //R	.49	-2.22	4.02	.89	4.39	1.60	.02	-1.55	1.98	1.06	.37	-.35	19.14	-4.98
TYNDALL	1.32	-2.08	2.88	.23	3.52	1.02	.21	-1.16	.88	.02	.83	.18	17.58	-5.97
VERMILLION 2 SE	2.06	-1.31	5.89	2.67	3.51	1.30	.19	-1.30	1.52	.63	.10	-.58	M 21.70	
WAGNER	2.00	-1.15	2.32	-.36	5.64	3.02	.38	-1.08	.37	-.61	.35	-.53	25.15	.81
WHITE LAKE	.91	-1.67	.82	-1.73	3.30	1.49	.22	-1.05	.92	.16	1.00	.47	M 17.11	
YANKTON 2 E	1.40	-1.77	3.68	.60	2.58	.25	.24	-1.11	1.15	.26	.09	-.43	17.09	-6.19
--DIVISIONAL DATA-------->	1.55	-1.41	3.39	.55	3.90	1.56	.25	-1.18	1.10	.24	.35	-.31	20.26	-2.81

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
STEPHAN 1 ENE	.51		.59		1.25		2.49		.64		1.45	
--DIVISIONAL DATA-------->	.13	-.19	.55	.01	1.32	.41	2.38	.41	1.03	-1.59	.89	-2.25
EAST CENTRAL 07												
ARLINGTON 1 W	.24		.66		1.80		1.54		2.09		4.33	
BROOKINGS 2 NE	.01	-.33 M	.17		.85 M		1.59	-.43	.78	-2.28	4.02	-.39
BRYANT 1 NE	.20		.62		2.20		2.91		1.84 M		3.20	
CASTLEWOOD	.25	-.31 M	.57		2.28	1.21	1.27	-.77	.65	-2.61	1.57	-2.53
CLARK	.26	-.31	.93	.25	1.23	.23	1.91	-.17 M	2.87		2.18	-1.57
CLEAR LAKE	.21	-.40	.82	.10	2.95	1.55	1.82	-.53	1.10	-1.99	1.89	-2.08
DE SMET	.37	-.23	.65	-.10	1.87	.62	2.45	.17	2.15	-1.00	4.67	.40
FLANDREAU	.14	-.23	.35	-.29	1.11	-.01	1.32	-.72	1.25	-1.72	3.16	-.81
FORESTBURG 3 NE	.03	-.48	.54	-.20	1.23	-.11	1.33	-.85	2.31	-.64	3.34	-.02
GANN VALLEY 2 NW	.06	-.21	.95	.52	1.71	.98	1.17	-.69	.97	-1.75	1.82	-1.28
HOWARD	.20	-.23	1.11	.42	2.76	1.55	.83	-1.34	1.16	-1.83	3.68	-.03
HURON WSO AIRPORT //R	.21	-.21	.81	.04	2.17	.95	1.59	-.40	1.00	-1.72	3.19	-.12
IROQUOIS	.12	-.31	.81	.20	1.78	.74	2.75	.76	2.58	-.42	3.69	.14
MADISON 2 E	.05		.17		1.82		1.22		1.06		3.57	
MILLER	.14	-.29 M	.08		.83 M		1.46 M		.64	-2.11	.65	-2.49
RAYMOND 3 NE	.36	-.01	.99	.50	1.38	.59	2.25	.37	1.58	-1.04	1.89	-1.57
REDFIELD 6 E	.23	-.10	.63	-.04	1.61	.71	2.03	-.02	1.13	-1.81	2.04	-1.64
WATERTOWN FAA AP //R	.23	-.33	.47	-.23	1.67	.46	1.88	-.32	1.27	-1.87	1.94	-2.02
WENTWORTH 2 WNW	.11	-.35	.62	-.14	1.44	-.02	2.25	.10	1.05	-1.97	4.01	.19
WESSINGTON 2 SE	.11		.83		2.23		3.03		1.22		1.89	
WESSINGTON SPRINGS	.10		.89		2.35		1.54		1.07		2.53	
WESSINGTON SPRINGS 7SW	.10	-.48	.65	-.24	1.67	.12	1.27	-1.16	.62	-2.52	2.44	-1.00
--DIVISIONAL DATA-------->	.16	-.28	.69	.02	1.87	.72	1.61	-.52	1.17	-1.82	2.77	-.95
SOUTH CENTRAL 08												
ACADEMY 2 NE	.03	-.42	.61	-.15	.84	-.41	1.33	-1.14	.98	-2.38	1.82	-1.90
CEDAR BUTTE	.02		.36		1.12		1.17		1.15		.66	
GREGORY	.00	-.52	.30	-.56	1.11	-.38	1.17	-1.58	.87	-2.35	2.34	-1.61
HARRINGTON T	.00		.56		1.54		1.18		1.08		.84	
MISSION T	.00		.39		.80		1.00		1.16		1.63	
MISSION 14 S T	.00		.41		.84		.72		1.01		.95	
WINNER T	.00	-.46	.45	-.25 M	1.02		1.24	-1.50	1.24	-2.01	2.00	-1.80
WOOD	.00	-.43	.23	-.48	1.00	-.19	1.18	-1.15	.97	-2.25	1.24	-1.82
--DIVISIONAL DATA-------->	.01	-.37	.41	-.26	1.04	-.18	1.12	-1.26	1.06	-2.11	1.44	-2.15
SOUTHEAST 09												
ALEXANDRIA	.06	-.28	.48	-.10	.98	-.19	.81	-1.43	1.58	-1.36	3.28	-.33
ARMOUR	.04	-.47	.53	-.36	.91	-.46	1.07	-1.20	1.95	-1.06	2.15	-1.57
BONESTEEL T	.00	-.39	.65	-.21	.66	-1.01	.83	-1.87	2.00	-2.01	4.85	.81
BRIDGEWATER	.10	-.42	.10	-.63	1.34	-.07	.95	-1.18	3.00	-.16	3.50	-.25
CANTON 4 WNW	.10	-.33	.25	-.68	.88	-.54	1.59	-.80	.85	-2.20	2.48	-1.37
CENTERVILLE 6 SE	.09	-.37	.35	-.75	1.15	-.28	1.66	-.70	1.19	-2.04	3.20	-.79
CHESTER	.28		.56		1.76		1.95		.96		3.60	
COLTON	.23		.65		1.32		1.94		1.07		3.56	
ELK POINT 12 NE M	.43	M		M	.08		1.47		1.23		1.80	
LYONS 5 SSW	.16		.49		1.16		1.59		.63		2.51	
MARION M	.12		.65	-.22	1.38	-.22 M		M			2.37	-1.43
MENNO	.06	-.38	.37	-.42	.84	-.56	.69	-1.56	2.25	-1.00	2.68	-1.19
MITCHELL 2 NE	.09	-.28 M	.67		1.58	.37	.69	-1.64	1.94	-1.21	2.13	-1.37
MONTROSE	.10		.60		1.42		1.57		1.34		3.09	
PICKSTOWN	.02	-.36	.31	-.37	.78	-.43	.54	-1.75	.77	-2.15	3.07	-.78
PLATTE	.00	-.41	.63	-.10	1.08	-.26	.96	-1.50	1.80	-1.52	2.14	-1.97
SALEM 5 SW T												
SIOUX FALLS WSFO //R	.23	-.27	.51	-.42	1.07	-.51	1.59	-.77	1.42	-1.79	2.50	-1.20

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

South Dakota 1985

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP	DEPARTURE
STEPHAN 1 ENE	2.82		.37		3.33		1.21		1.16		.20		16.32	
--DIVISIONAL DATA------->	2.31	.16	1.11	-.91	3.42	2.17	.98	-.09	.84	.36	.36	-.07	15.32	-1.98
EAST CENTRAL 07														
ARLINGTON 1 W	3.88		3.35		2.35		.84		1.01		.11		22.20	
BROOKINGS 2 NE	6.04	3.19	1.52	-1.63	2.36	.41	1.71	.38	.58	-.08	.04	-.41 M	19.67	
BRYANT 1 NE	4.43		3.82		1.70		.49		1.30		.05	M	22.76	
CASTLEWOOD	2.66	-.44	2.98	.20	3.19	1.39	.00	-1.54	.64	-.19 M	.00	M	16.06	
CLARK	2.19	-.63	2.64	.07	1.00	-.50	.42	-1.01	.82	-.02	.16	-.49 M	16.61	
CLEAR LAKE	2.48	-.81	4.66	1.50	3.15	1.18	1.55	-.11	.74	-.21	.05	-.64	21.42	-2.44
DE SMET	4.57	1.74	3.30	.62	2.60	.87	.53	-1.06	.89	-.04	.07	-.64	24.12	1.35
FLANDREAU	4.66	1.93	1.18	-1.75	4.08	1.73	.40	-1.18	1.12	.42	.10	-.42	18.87	-3.05
FORESTBURG 3 NE	4.65	1.85	1.72	-.67	1.27	-.46	.15	-1.47	1.07	.22	.17	-.49	17.81	-3.32
GANN VALLEY 2 NW	3.26	.79	1.19	-.86	1.01	-.42	.46	-.76	1.29	.80	.17	-.17	14.06	-3.05
HOWARD	4.76	2.22	2.25	-.35	2.91	.92	.35	-1.06	.55	-.27	.15	-.45	20.71	-.45
HURON WSO AIRPORT //R	1.14	-1.12	1.25	-.76	1.62	.26	.26	-1.13	1.05	.36	.21	-.31	14.50	-4.16
IROQUOIS	1.47	-1.05	2.77	.55	1.47	-.13	.37	-1.06	1.13	.38	.18	-.30	19.12	-.50
MADISON 2 E	3.78		1.62		3.36		1.44		1.17		.10		19.36	
MILLER	1.30	-1.00	1.44	-.80	3.80	2.50	1.25	.00	.63	.00	.38	-.11 M	12.60	
RAYMOND 3 NE	1.23	-1.68	3.65	1.46	1.77	.43	.37	-1.00	.99	.28	.05	-.37	16.51	-2.02
REDFIELD 6 E	1.44	-1.04	1.35	-.62	2.87	1.62	.97	-.29	.82	.26 M	.17			
WATERTOWN FAA AP //R	2.39	-.57	3.40	.63	1.37	-.23	.93	-.73 M	.46		.04	-.64 M	16.05	
WENTWORTH 2 WNW	3.14	.33	1.49	-1.77	3.35	1.18	2.32	.87	1.10	.27	.13	-.58	21.01	-1.89
WESSINGTON 2 SE	1.66		1.36		1.73		.43		1.25		.15		15.89	
WESSINGTON SPRINGS	3.94		1.23		2.33		.39		1.30		.30		17.97	
WESSINGTON SPRINGS 7SW	2.96	.49	2.33	.27	2.05	.63	.45	-.83	.73	-.12	.41	-.30	15.68	-5.14
--DIVISIONAL DATA------->	3.28	.56	2.08	-.51	2.52	.81	.82	-.64	.92	.17	.15	-.42	18.04	-2.86
SOUTH CENTRAL 08														
ACADEMY 2 NE	2.48	-.06	1.23	-.94	1.47	-.33	.24	-1.06	.65	-.14	1.11	.66	12.79	-8.27
CEDAR BUTTE	5.66		1.65		2.85		.71		.23		.83		16.41	
GREGORY	3.21	.42	.85	-1.30	3.00	.97	.53	-.81	.55	-.38	1.50	.78	15.43	-7.32
HARRINGTON	1.11		1.06		2.95		1.30		.20		.71		12.53	
MISSION	1.57		1.60		4.95		.86		.35		.94		15.25	
MISSION 14 S	1.23		2.51		3.34		.89		.32		.88		13.10	
WINNER	3.05	.20	2.20	-.39	1.17	-.69	.14	-1.15	.41	-.33	1.42	.86 M	14.34	
WOOD	6.79	4.29	1.51	-.64	2.60	1.26 M			.36	-.25	.95	.39		
--DIVISIONAL DATA------->	3.14	.59	1.58	-.67	2.79	1.18	.67	-.50	.38	-.27	1.04	.53	14.68	-5.47
SOUTHEAST 09														
ALEXANDRIA	3.64	.77	1.54	-1.06	2.07	-.07	.54	-.83	.82	.12	.17	-.35	15.97	-5.11
ARMOUR	3.44	.47	1.28	-1.28	3.04	.96	.22	-1.10	.30	-.48	.91	.17	15.84	-6.38
BONESTEEL	5.25	2.33	3.17	.32	1.95	-.28	.30	-1.23	.11	-.75	1.13	.65	20.90	-3.64
BRIDGEWATER	2.80	-.19	1.75	-1.19	2.95	.66	.91	-.64	.90	.02 M	.00	M	18.30	
CANTON 4 WNW	4.78	1.81	3.47	.01	2.20	-.21	.29	-1.18	.53	-.38	.18	-.58	17.60	-6.45
CENTERVILLE 6 SE	3.79	.57	1.97	-1.17	1.61	-.97	.21	-1.32	.57	-.41 M	.39	M	16.18	
CHESTER	2.21		1.33		3.81		1.00		1.20		.21		18.87	
COLTON	2.25		1.89		3.53		.65		1.13		.24		18.46	
ELK POINT 12 NE	7.42		2.87		2.28		.17		.14	M	.03			
LYONS 5 SSW	1.72		1.43		2.73		.40		1.07		.30		14.19	
MARION	3.45	.55	2.03	-.70	1.84	-.77	.33	-1.15	.67	-.28	.35	-.43		
MENNO	3.11	-.13	1.14	-1.43	1.23	-1.28	.51	-.90	.35	-.59	.46	-.27	13.69	-9.71
MITCHELL 2 NE	2.95	.49	1.72	-.98	3.34	1.28	.27	-1.12	1.49	.74	.31	-.21 M	17.18	
MONTROSE	2.65		1.68		2.52		1.16		.91		.19		17.23	
PICKSTOWN	3.07	.42	1.88	-.63	1.89	-.32	.13	-1.14	.23	-.54 M	.57	M	13.26	
PLATTE	3.90	1.31	.86	-1.55	1.42	-.57	.21	-1.24	.39	-.37	1.12	.49	14.51	-7.69
SALEM 5 SW								M			.23			
SIOUX FALLS WSFO //R	1.37	-1.34	2.46	-.67	3.38	.59	.10	-1.47	.91	-.01	.25	-.47	15.79	-8.33

SEE REFERENCE NOTES FOLLOWING STATION INDEX

SOUTH DAKOTA PRECIPITATION BY MONTH 1990

DIVISION STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN-DATE
DIV 8 NORMAL	.38	.67	1.22	2.38	3.17	3.59	2.55	2.25	1.61	1.17	.65	.51	
PERCENT OF NORMAL	12%	63%	148%	83%	162%	101%	160%	90%	23%	80%	54%	93%	
SOUTHEAST 9													
ALEXANDRIA	.08	.33	.64	1.34	5.07	5.08	2.12	2.50	.28	2.74	.46	.50	21.14
ARMOUR	.12	.32	1.28	1.43	6.26	3.17	1.85	1.39	.23	3.01	.82	.74	20.62
BONESTEEL	.21	.32	1.50	2.27	4.35	3.10	2.36	2.50	.13	1.95	.70	.48	19.87
BRIDGEWATER	.20	.10	.90	1.70	7.10	3.30	3.40	4.50	.85	2.10	.15	.40	24.70
CANTON 4WNW	.01	.26	1.38	1.29	3.81	4.60	2.25	4.62	2.01	1.99	.52	.30	23.04
CENTERVILLE 6SE	.22	.25	1.80	1.90	5.83	5.05	2.87	1.79	1.10	1.79	.78	.35	23.73
CHESTER	.05	.37	1.43	2.28	4.75	8.37	3.19	2.78	.56	2.12	.65	.66	27.21
COLTON	.05	.48	1.44	2.80	4.31	6.85	3.77	3.95	.42	1.45	.64	.48	26.64
ELK POINT 12NE	.38	.56	2.37	1.15	6.82	1.61	3.07	1.60	1.74	1.96	1.34	.14	22.74
LYONS 5SSW	.08	.23	1.45	2.31	4.32	3.90	2.03	2.94	.92	1.94	.81	.30	21.23
MARION	0.00	.30	1.50	1.03	4.78	1.86	1.88	2.48	1.80	1.93	.79	.44	18.79
MENNO	.06	.19	.79	1.94	6.51	2.49	1.69	1.20	.37	1.61	1.80	.30	18.95
MITCHELL 2NE	.11	.43	1.46	1.41	4.80	6.52	2.11	2.76	1.06	1.51	.31	.68	23.16
MONTROSE	.06	.23	1.28	2.37	4.73	4.11	3.32	1.68	.89	1.66	.57	.54	21.44
PICKSTOWN	.13	.21	1.39	1.53	5.64	1.89	1.48	2.90	.41	2.41	.89	.71	19.59
PLATTE	.05	.34	1.33	1.67	8.34	2.65	1.63	2.41	.27	1.56	.83	.39	21.47
SALEM	0.00	.46	.68	1.36	5.34	4.71	2.63	2.56	.99	2.21	.55	.51	22.00
SIOUX FALLS WSFO AP	.08	.31	1.57	1.86	4.07	4.86	1.77	1.17	.47	1.82	.61	.61	19.20
TYNDALL 1N	.19	.27	1.19	1.11	7.38	2.40	1.71	2.65	.55	1.82	.86	.65	20.78
VERMILLION 2SE	.64	.21	1.96	1.41	8.33	1.90	1.60	1.85	1.88	2.32	1.00	.32	23.42
WAGNER	.12	.48	1.42	1.77	5.69	1.88	1.11	1.70	.34	2.53	.90	.70	18.64
WHITE LAKE 4NE	.10	.30	1.57	1.80	5.11	3.83	2.92	2.04	.10	1.62	.37	.15	19.91
YANKTON 2E	.11	.24	1.60	.72	8.74	6.48	1.82	1.78	.69	1.63	1.04	.72	25.57
SIOUX CITY IA	.30	.31	2.18	1.61	7.48	4.20	3.22	1.34	.86	1.48	.87	.78	24.63
DIV 9 MONTHLY AVERAGE	.14	.31	1.42	1.67	5.82	3.95	2.33	2.38	.79	1.97	.76	.49	
DIV 9 NORMAL	.42	.80	1.39	2.33	3.26	3.78	2.96	2.84	2.34	1.43	.86	.66	
PERCENT OF NORMAL	33%	39%	102%	72%	178%	105%	79%	84%	34%	137%	88%	75%	

1990 PRECIPITATION BY DIVISION AVERAGES

DIVISION	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	JAN-DATE
01 NORTHWEST	.34	.24	.39	1.42	1.63	2.23	1.60	.71	.52	.57	.07	.30	10.03
02 NORTH CENTRAL	.21	.26	.72	1.39	1.69	4.73	2.46	2.80	1.52	.59	.08	.42	16.88
03 NORTHEAST	.10	.35	1.32	1.90	1.81	5.22	2.92	3.66	1.89	.98	.05	.46	20.65
04 BLACK HILLS	.22	.73	1.39	2.17	4.10	1.79	3.81	1.60	1.34	.86	.65	.69	19.36
05 SOUTHWEST	.09	.32	1.20	1.16	3.62	2.35	2.53	1.24	.97	.57	.45	.46	14.97
06 CENTRAL	.06	.38	1.34	2.07	2.66	3.31	2.52	2.32	.99	.44	.10	.59	16.78
07 EAST CENTRAL	.02	.39	1.14	1.50	4.42	6.97	3.26	2.32	.55	1.58	.16	1.14	23.43
08 SOUTH CENTRAL	.05	.42	1.81	1.97	5.13	3.63	4.08	2.03	.38	.93	.35	.48	21.25
09 SOUTHEAST	.14	.31	1.42	1.67	5.82	3.95	2.33	2.38	.79	1.97	.76	.49	22.02

1990 YEAR-TO-DATE PRECIPITATION BY DIVISION AVERAGES

DIVISION	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
01 NORTHWEST	.34	.59	.98	2.40	4.03	6.26	7.86	8.57	9.09	9.66	9.73	10.03
02 NORTH CENTRAL	.21	.48	1.20	2.59	4.28	9.01	11.47	14.27	15.78	16.38	16.46	16.88
03 NORTHEAST	.10	.45	1.77	3.67	5.47	10.70	13.62	17.28	19.16	20.14	20.19	20.65
04 BLACK HILLS	.22	.95	2.34	4.50	8.61	10.40	14.21	15.81	17.15	18.01	18.66	19.36
05 SOUTHWEST	.09	.42	1.62	2.78	6.40	8.75	11.29	12.52	13.50	14.07	14.51	14.97

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Monthly and Annual Precipitation for the Year 1902, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	.....	.....	.15	— .56	2.82	+ .41	2.45	—1.11	3.88	+ .98	3.92	— .64	2.30	— .67	1.51	—1.30	.59	—1.00	2.65	+ .92	.85	— .11	4.80	+4.07	.....	.....
Academy	.41	+ .17	.48	+ .24	1.90	+ .40	2.37	+ .29	2.50	+ .18	2.50	— .85	1.89	—1.80	5.34	+1.38	.70	— .67	.60	— .82	.78	+ .41	2.53	+1.73	22.00	+0.66
Alexandria	.32	— .22	1.35	+ .73	1.01	— .79	2.03	—1.46	3.36	+ .32	3.86	+ .07	1.39	—1.97	4.36	+1.42	1.15	— .91	1.70	— .03	.45	— .07	2.45	+1.79	23.43	—1.12
Armour	.60	— .07	1.80	+1.01	2.00	+ .54	1.87	—1.31	1.44	—1.09	1.38	—2.34	3.36	— .55	4.01	+1.30	1.92	— .16	.58	—1.52	.27	— .39	2.75	+1.91	21.98	—2.67
Ashcroft	.35	— .15	.55	+ .13	2.05	+ .49	1.60	— .36	3.98	+1.63	2.41	— .60	2.98	+1.47	1.26	+ .03	.13	— .80	.44	— .11	T.	— .53	.25	— .11	16.00	+1.15
Bad Nation	.11	.....	.21	. ...	1.00	.....	.....	.....	1.61	.....	1.38	.....	.....	.....	.....	.....	.....	.....	.21	.....	.39	.....	.....	.....	...	.....
Bowdle	.10	— .17	.37	+ .08	1.52	— .42	3.87	+1.72	2.08	— .05	4.26	+ .27	1.41	— .49	3.58	+ .65	.35	— .78	.50	— .52	.20	— .16	1.15	+ .77	19.39	+ .90
Brookings	.50	+ .11	.26	— .16	.67	— .15	1.60	— .73	2.60	— .06	3.17	— .25	2.75	+ .46	5.30	+2.77	.26	—1.61	1.18	+ .07	.96	+ .47	2.52	+1.91	21.83	+2.82
Canton	.24	— .38	.13	— .32	.43	—1.05	1.99	— .73	4.54	+ .84	2.97	—1.33	4.39	+ .37	6.07	+3.46	2.66	+ .43	.05	—1.40	.81	— .15	1.16	+ .42	25.44	+ .16
Centerville	.76	+ .39	.78	+ .22	1.82	+ .40	1.59	— .10	4.07	— .04	1.68	—2.86	5.57	+ .24	3.00	— .38	2.22	— .02	.32	—1.09	.61	+ .12	1.80	+ .94	20.22	—2.18
Chamberlain	.24	+ .07	.35	+ .15	1.64	+ .07	1.16	— .87	1.66	—1.09	2.28	—1.04	.37	—2.57	4.63	+1.62	.15	—1.21	.45	— .66	.45	+ .23	1.49	+1.00	14.81	—4.24
Cherry Creek	T.	— .09	T.	— .07	2.60	+1.75	1.96	+ .70	1.95	+ .61	3.27	+ .13	.05	—1.47	5.73	+3.51	.35	—1.05	.95	+ .49	.05	— .30	1.97	+1.66	18.88	+5.87
Clark	.43	+ .15	.45	+ .10	2.07	+ .72	1.29	—1.49	2.85	— .19	3.73	— .64	2.57	— .02	3.13	+ .43	.51	—2.23	.85	— .57	.60	0	1.50	+1.08	19.98	—2.66
De Smet	.80	+ .39	.22	— .28	2.17	+ .71	2.28	— .28	4.16	+1.41	3.83	+ .47	3.55	+ .22	4.93	+2.43	.45	—1.57	1.50	+ .09	.33	— .36	.....	.....	.....	.....
Elk Point	.62	+ .34	.96	— .18	1.62	+ .46	3.32	+ .94	1.70	—1.78	2.86	— .56	8.02	+4.82	4.22	+ .20	4.12	—1.57	.25	—1.08	.33	— .10	2.89	+1.87	30.97	+3.36
Fairfax	.....	.....	.....	.....	.. ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
Farmingdale	.13	— .02	.10	— .06	2.47	+1.48	2.39	+ .59	2.74	+ .82	3.13	— .33	1.20	+ .44	1.08	+ .25	.44	— .70	.38	— .17	.26	— .12	.43	+ .23	14.72	+2.41
Faulkton	.22	— .06	.23	— .23	2.68	+ .22	1.66	—1.82	1.45	— .02	4.39	+ .55	1.58	— .91	3.58	+1.49	.45	— .93	.41	— .79	.30	— .05	1.49	+1.12	18.34	+1.43
Flandreau	.44	+ .05	.26	— .24	.65	— .55	.75	— 2.14	4.57	+ .74	1.36	—2.54	2.50	— .24	9.84	+6.67	1.74	— .20	1.38	— .07	.70	— .04	1.95	+1.25	26.14	+2.69
Forestburg	.45	— .07	.51	+ .03	1.57	+ .21	1.16	—1.71	2.61	+ .26	3.44	— .23	1.51	— .56	5.00	+2.92	.15	—1.40	1.36	— .18	.18	— .26	1.83	+1.34	19.77	+ .35
Fort Meade	1.53	+ .72	2.30	+1.66	5.53	+3.97	3.80	+1.18	3.35	— .33	3.57	+ .12	1.11	— .75	.07	—1.60	.75	— .13	.10	— .78	.01	— .60	.07	— .50	22.19	+2.96
Fort Randall	.10	.....	.47	.....	2.37	.....	1.72	.....	1.36	.....	1.31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gannvalley	.40	+ .22	.80	+ .46	2.54	+ .96	1.27	— .63	2.04	— .81	4.54	— .80	1.89	—1.04	3.91	— .11	.15	—1.23	.72	— .44	.41	+ .14	2.15	+1.55	20.42	—1.73
Gary	.30	— .24	1.06	+ .46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.55	— .18	2.12	— .11	.70	— .88	1.05	+ .33	1.77	+1.37	.....	.....
Gettysburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.90	.....	.20	.....	1.50	.....	.02	.....	.84	.....	.....	.....
Grand River School	.09	.....	.42	.....	1.36	.....	1.22	.....	3.03	.....	2.32	.....	.56	.....	3.18	.....	.32	.....	.43	— .34	.01	— .30	.06	+ .18	13.00	.....
Greenwood	.55	+ .11	.58	+ .19	1.90	+ .68	2.09	—1.34	1.85	— .64	1.69	—2.08	3.60	+ .52	5.96	+2.98	3.18	+ .95	.38	—1.14	.30	— .31	2.50	+1.68	24.58	+1.80
Hartman	.25	+ .11	.65	+ .27	1.08	+ .05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Highmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.20	+1.14	.40	—1.11	.20	— .53	.....	.....	1.10	+ .77	.....	.....
Hitchcock	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.12	— .04	.93	—1.47	1.69	— .64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hotch City	.13	— .18	.26	— .03	1.60	+ .44	1.36	— .83	1.19	— .81	1.95	—1.41	1.47	— .71	3.59	+1.89	.42	— .24	T.	— .68	.51	+ .16	1.12	+ .82	13.60	—1.58
Howard	.30	+ .04	.71	+ .16	1.36	— .03	2.32	— .23	1.07	—2.11	6.87	+2.60	2.33	— .31	6.51	+4.24	.64	—1.31	2.70	+1.05	.....	.....	.....	.....	.....	.....
Howell	.15	.....	.22	.....	2.45	.....	1.01	.....	1.29	.....	5.51	.....	1.65	.....	2.48	.....	.26	.....	.43	.....	.45	.....	1.52	.....	17.42	.....
Huron	.32	— .17	.39	— .18	1.56	+ .67	1.11	—1.83	2.24	— .77	3.55	0	1.53	—1.57	2.36	— .22	.19	—1.22	.76	— .52	.29	— .32	2.12	+1.52	16.42	—4.61
Interior	.45	+ .23	.23	— .06	3.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ipswich	.01	— .32	.50	+ .09	3.25	+ .95	2.50	+ .72	8.35	+5.02	2.95	— .71	1.80	— .23	2.85	+ .78	.64	— .83	.52	— .90	.19	— .10	1.10	+ .87	24.56	+ .84
Kimball	.47	— .13	1.04	+ .38	1.85	+ .64	1.85	— .88	1.75	— .17	2.39	— .98	1.14	—1.33	3.77	+ .98	.34	— .93	.59	— .33	.44	— .14	2.46	+1.36	17.63	—1.53
La Delle	.23	— .75	.44	+ .08	1.83	+ .53	1.60	— .73	2.67	+ .46	4.16	+ .38	4.81	+1.02	3.15	— .58	.35	—2.58	.53	—1.13	.47	+ .15	2.05	+1.47	22.29	—1.68
Leola	.02	.....	.47	.....	3.54	.....	2.97	.....	3.13	— .68	2.55	— .29	1.35	— .82	3.14	—1.06	.40	— .74	.43	— .65	.35	.....	1.00	+ .56	19.35	.....
Marion	.45	.....	.38	.....	.86	.....	1.68	.....	3.21	.....	2.36	.....	2.16	.....	2.66	.....	1.64	.....	.65	.....	.15	.....	2.10	.....	18.30	.....
Mellette	.10	— .46	.08	— .28	1.82	+ .27	1.34	—1.02	2.66	+ .40	2.34	—1.53	2.18	— .65	3.98	+1.50	.35	—1.29	.54	— .98	.45	— .16	1.11	+ .78	16.95	—3.42
Menno	.48	+ .05	.62	+ .30	1.03	— .21	1.60	— .29	3.73	+ .23	2.37	—1.98	4.70	+ .41	3.62	+1.04	1.88	— .30	.57	—1.25	.20	— .40	1.99	+1.30	22.79	—1.10
Milbank	.30	— .06	.30	— .34	1.37	— .11	.72	—1.52	3.73	+ .91	2.63	—1.16	2.04	— .13	2.70	+ .17	.11	—1.46	1.29	+ .02	1.04	+ .54	1.50	+ .98	17.73	—2.16
Mitchell	.05	— .40	.23	— .23	1.37	+ .07	1.55	—2.00	1.62	—1.05	.....	.....	1.50	—1.42	4.35	+1.87	.90	— .80	1.57	— .44	.55	+ .15	2.12	+1.51	.....	.....
Mound City	T.	.....	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oelrichs	.60	— .50	1.00	— .28	2.30	+ .18	1.19	—1.04	2.60	+ .12	5.30	+2.02	2.10	+ .14	1.30	+ .25	1.30	+ .33	.47	— .80	.22	+ .62	1.41	+ .54	19.19	+1.58
Pedro	.....	.....	.22	.....	2.08	.....	2.93	.....	6.79	.....	10.31	.....	2.43	.....	6.68	.....	T.	.....	3.16	.. ...	.20	.....	1.33	.....	.....	.....
Pierre	.37	— .14	.83	+ .45	1.38	+ .52	1.47	— .48	.81	—1.50	5.60	+2.19	1.18	—1.00	4.82	+3.17	.70	— .27	.50	— .15	.17	— .29	2.21	+1.77	20.04	+4.27
Pine Ridge	.03	.....	.57	.....	1.48	.....	.68	.....	1.13	.....	4.68	.....	1.78	.....	.....	.....	.60	.....	.58	.....	.08	.....	.88	.....	.....	.....
Plankinton	.40	0	1.04	+ .51	1.96	+ .28	1.15	—1.71	1.99	+ .12	3.73	— .34	1.02	— .88	3.70	+1.68	.30	—1.68	.70	—1.08	.52	+ .14	1.68	+1.28	18.39	—1.68
Ramsey	.....	.....	.....	.. ...	.....	. ....	1.06	—1.19	4.43	+ .22	2.11	. .	1.28	—1.74	6.45	+3.32	1.33	.....	1.35	— .62	.28	— .26	1.70	+1.14	.....	.....
Rapid City	.18	— .18	.14	— .48	3.34	+2.24	2.49	+ .21	2.97	— .64	2.96	— .93	3.59	+1.01	.72	— .60	.43	— .13	.21	— .45	.68	+ .30	.80	+ .55	18.51	+1.80
Redfield	.11	+ .02	.22	+ .03	1.31	+ .43	1.33	— .51	2.30	— .14	2.85	— .04	4.68	+1.84	2.64	—1.68	.24	—2.87	.40	— .87	.46	+ .23	1.27	+ .90	17.84	—2.66
Rockford	.40	— .53	1.40	+ .35	2.58	+ .15	3.01	+ .87	2.52	—1.19	2.69	— .56	2.61	— .29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rosebud	.20	— .72	.43	— .25	.48	—1.08	1.12	—1.45	1.87	— .20	2.51	— .50	1.44	—1.05	3.08	+1.11	.58	— .35	.76	— .14	.31	— .31	1.90	+ .84	14.68	—4.10
St. Lawrence	.05	— .11	.05	— .42	1.41	+ .52	2.12	—1.76	1.82	— .64	6.24	+2.69	2.11	— .47	3.16	+ .08	.12	—2.22	.....	.....	.....	.....	.....	.....	.....	.....
Silver City	.28	— .39	T.	— .59	2.12	+ .06	2.55	+ .33	3.80	+ .07	2.87	— .91	2.20	— .18	1.19	— .56	.50	— .82	.22	— .34	.33	— .69	1.20	+ .64	17.26	—3.35
Sioux Falls	.48	— .04	.37	— .14	1.35	— .13	1.35	—1.69	5.57	+1.41	2.98	—1.09	2.76	+ .24	4.85	+2.17	3.17	+1.26	.85	— .52	.53	— .11	1.66	+ .80	25.92	+2.16
Sisseton Agency	.12	.....	.18	.....	1.01	.....	1.96	.....	4.76	.. ..	2.48	.....	2.57	.....	2.88	.....	.38	.....	1.80	.... .	.61	.....	1.68	.....	20.43	.....
Spearfish	1.31	+ .31	1.93	+ .87	1.57	— .53	2.31	— .47	3.50	+ .53	1.08	—3.12	2.41	+ .47	1.44	0	1.38	+ .51	.48	— .86	.16	— .41	1.87	+ .98	19.44	—1.72
Tyndall	.....	.....	.....	.....	1.04	+ .06	1.33	—1.72	1.54	—1.35	1.81	—1.67	6.20	+2.97	4.32	+1.56	3.14	+1.70	.57	—1.15	.18	— .48	1.22	+ .58	.....	.....
Vermillion	.77	+ .25	.55	— .19	.99	— .23	2.52	—1.46	1.32	—2.49	2.76	—1.24	5.55	+1.79	4.01	.....	5.27	.....	.14	.....	.45	.....	1.71	.....	26.04	.....
Watertown	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.34	— .32	.13	—1.74	1.75	+ .36	.44	— .14	1.05	+ .66	.....	.....
Waubay	.25	+ .06	.10	.....	1.34	— .36	1.28	— .02	3.25	+ .94	1.70	—1.23	2.76	+ .12	2.91	—1.75	.30	—3.10	2.16	+ .40	.49	+ .17	1.15	+ .73	17.69	.....
Wentworth	.29	— .02	.26	— .11	.88	— .30	1.32	—1.47	4.71	+1.16	1.45	—1.77	1.50	—1.06	6.47	+3.83	.70	—1.62	1.38	— .08	.64	+ .05	2.19	+1.51	21.79	+ .12
Wessington Springs	.30	— .08	.....	.....	2.65	+ .55	.....	.....	.....	.....	.....	.....	1.28	—1.12	2.02	+ .27	T.	— .08	.35	— .55	.72	+ .20	.....	.....	.....	.....
Wolsey	.45	— .03	.53	— .04	2.38	+1.01	1.28	—1.26	2.03	— .66	3.39	— .23	2.15	— .01	2.30	+ .30	.07	+1.49	.87	— .08	.40	— .03	2.07	+1.26	17.92	+1.69
Yankton ††	.....	.....	.53	— .20	1.32	+ .16	1.55	—1.52	1.74	—2.60	5.03	+ .75	4.18	+ .36	4.84	+1.74	8.17	+5.32	1.17	— .27	.28	— .38	3.32	+2.52	.....	.....
...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
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...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

T. Trace of precipitation, an amount less than .01 of an inch. †† No record in January.

Monthly and Annual Precipitation for the Year 1903, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	.40	— .47	1.80	+1.09	1.42	— .99	2.40	—1.16	1.28	—1.62	1.50	—3.06	5.10	+2.13	6.59	+3.78	3.46	+1.87	1.46	— .27	.20	— .76	1.86	+1.13	27.47	+ 1.67
Academy	.68	— .16	.75	+ .51	1.23	— .27	1.59	— .49	2.71	+ .39	2.72	— .03	5.08	+1.39	2.58	—1.08	1.01	+ .44	.33	—1.09	.59	+ .22	.85	+ .05	20.42	— .92
Alexandria	T.	— .54	.95	+ .33	1.25	— .55	.72	—2.77	4.48	+1.44	2.25	—1.54	4.10	+ .74	1.93	—1.01	4.25	+2.19	1.58	+ .15	.45	— .07	.85	+ .19	23.11	— 1.44
Armour	.10	— .57	1.25	+ .46	2.06	+ .60	1.65	—1.53	5.03	+2.50	2.89	— .83	3.56	— .35	3.29	+ .58	2.68	+ .60	1.38	— .72	.70	+ .04	.40	— .44	24.09	+ .34
Ashcroft	.53	+ .03	.40	— .02	.50	—1.06	.72	— .52	2.01	— .34	2.15	— .86	1.88	— .37	1.95	+ .78	1.54	+ .61	.33	— .22	.60	+ .07	.60	+ .24	13.21	— .66
Bowdle	.20	— .07	.25	— .04	.20	—1.74	1.10	—1.05	1.15	— .98	2.65	—1.34	4.32	+2.42	4.45	+1.53	2.42	+1.29	.....	.....	.30	— .06	.60	+ .22	17.64	†
Brookings	.10	— .29	.28	— .14	1.87	+1.05	1.00	—1.33	4.53	+1.81	4.16	+ .73	3.30	+ .55	4.25	+1.62	2.73	+ .86	1.85	+ .74	.10	— .39	.45	— .16	24.62	+ 5.06
Canton	T.	— .62	.34	— .11	2.31	+ .83	1.26	—1.46	10.02	+6.32	2.38	—1.92	6.66	+2.64	6.07	+3.46	1.47	— .76	1.79	+ .34	.31	— .65	.28	— .46	32.89	+ 7.61
Cavite	.....	.....	.....	.....	1.00	.....	.....	.....	1.13	.....	2.51	.....	2.56	.....	1.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Centerville	.27	— .10	1.52	+ .96	2.23	+ .81	1.14	— .55	7.86	+3.75	5.23	+ .69	7.19	+1.86	3.92	+ .54	1.76	— .48	1.43	+ .02	.42	— .07	.71	— .15	33.68	+ 7.28
Chamberlain	.04	— .13	.77	+ .57	.58	— .99	1.41	— .56	1.18	—1.57	1.45	—1.87	2.61	— .33	2.06	— .95	2.26	+ .90	.18	— .93	.71	— .49	.53	+ .10	13.78	— 6.25
Cherry Creek	.05	— .04	.05	— .02	.65	— .20	1.02	— .24	2.44	+1.00	4.09	+ .95	3.86	+2.31	3.12	+ .88	1.57	+ .43	.24	— .22	.43	+ .08	.30	— .01	17.82	+ 4.95
Clark	.30	+ .02	.30	— .05	1.25	— .10	.....	.....	.....	.....	4.52	+ .15	2.74	+ .15	5.74	+3.01	2.92	+ .18	1.10	— .32	.36	— .24	1.14	+ .72	.....	.....
Clear Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.42	.....	5.48	.....	3.25	.....	2.37	.....	.05	.....	1.05	.....	.....	.....
De Smet	.....	.....	.....	.....	.....	.....	1.20	—1.36	4.92	+2.17	5.79	+2.43	3.19	+ .86	3.94	+1.44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elk Point	.27	— .01	2.07	+1.29	1.75	+ .59	1.82	— .56	8.09	+4.55	4.04	+ .62	4.48	+1.28	4.99	+ .97	2.33	—3.36	3.90	+2.57	1.57	+1.14	.22	— .80	35.53	+ 8.28
Fairfax	.....	.....	.....	.....	.....	.....	2.18	.....	5.86	.....	2.77	....	5.81	.....	3.58	.....	.48	.....	.98	.....	.40	.....	.....	.....	.....	.....
Farmingdale	.12	— .03	.24	+ .08	.49	— .50	1.89	+ .09	3.31	+1.39	2.02	—1.44	3.02	+1.38	2.82	+1.99	2.29	+1.15	.46	— .09	T.	— .38	.46	+ .26	17.12	+ 3.90
Faulkton	.11	— .17	.63	+ .17	.97	—1.49	1.75	—1.63	.91	— .56	4.04	+ .10	2.50	+ .01	2.88	+ .79	2.31	+ .93	.41	— .79	.48	+ .13	.37	— .00	17.36	— 2.51
Flandreau	.13	— .26	.32	— .18	1.51	+ .31	.92	—1.97	5.39	+1.56	3.00	— .90	4.68	+1.94	4.30	+1.13	4.90	+2.96	3.30	+1.85	.38	— .36	.52	— .18	29.35	+ 5.90
Forestburg	.35	— .17	.53	+ .05	1.55	+ .19	1.43	—1.44	3.43	+1.68	1.96	—1.71	3.05	+ .98	1.08	—1.00	2.81	+1.26	1.25	— .29	.87	+ .43	.92	+ .43	19.23	— .19
Fort Meade	.50	— .31	.90	+ .26	1.70	+ .14	2.55	— .07	3.36	— .32	2.16	—1.29	4.25	+2.39	3.56	+1.89	.....	.....	.40	— .48	.80	+ .19	.81	+ .24	20.99	†
Gannvalley	.50	+ .32	1.35	+1.01	.80	— .78	1.02	— .88	1.26	—1.59	1.59	—3.75	3.45	+ .52	2.32	—1.70	1.72	+ .34	.38	— .78	.84	+ .57	.55	— .10	15.78	— 6.82
Gary	.....	.....	.....	.....	2.26	+ .64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gettysburg	.17	.....	.25	.....	.....	.....	1.12	.....	1.47	.....	3.04	.....	6.00	.....	4.02	.....	5.07	.....	.90	.....	.15	.....	1.71	.....	23.90	†
Grand River School	.28	+ .22	.01	— .26	.27	— .99	1.35	+ .16	1.32	— .18	4.55	+2.04	2.53	+1.48	6.53	.....	1.87	— .62	.68	— .09	.03	— .28	.15	— .09	19.57	.....
Greenwood	.17	— .27	1.07	+ .68	.86	— .36	.82	—2.61	6.02	+3.53	2.36	—1.41	6.54	+3.46	3.09	+ .11	2.04	— .19	1.72	+ .20	.66	+ .05	.31	— .31	25.66	+ 2.88
Highmore	.05	— .12	.30	+ .14	.87	— .40	.70	—1.36	.55	— .81	2.93	— .86	3.58	+1.12	2.40	+ .34	1.46	— .05	.66	— .07	.65	+ .29	.63	+ .30	15.08	— 1.47
Hitchcock	.....	.....	.....	.....	.....	.....	.....	.....	1.15	—1.36	4.02	+ .86	2.55	+ .15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hotch City	T.	— .31	.39	+ .10	.36	— .80	2.88	+ .69	.87	—1.13	2.10	—1.20	2.41	+ .23	1.04	— .60	1.60	+1.00	.19	— .49	.39	+ .04	.34	+ .04	12.63	— 2.55
Howard	.....	.....	.....	.....	1.21	— .18	1.01	—1.54	4.92	+1.74	4.60	+ .33	5.08	+2.44	3.90	+1.63	3.95	+1.94	3.59	+1.94	.70	+ .15	1.06	+ .56	30.04	*
Howell	.06	.....	.58	.....	1.10	...	1.80	...	.79	.....	2.84	.....	2.85	.....	2.20	.....	1.91	.....	.51	.....	.26	.....	.27	.....	15.32	.....
Huron	.08	— .41	.31	— .26	1.02	+ .13	1.26	—1.68	1.99	—1.02	2.54	—1.01	1.61	—1.49	1.09	—1.49	2.02	+1.21	.34	— .94	.37	— .24	.60	— .00	13.83	— 7.20
Interior	.....	.....	.....	.....	.40	— .36	2.00	+ .41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ipswich	.08	— .25	.88	+ .47	.40	—1.90	1.63	— .15	1.45	—1.88	.....	.....	2.95	+ .92	6.03	+3.96	5.02	+3.55	.72	— .70	.02	— .27	.59	+ .36	19.77	†
Kidder	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.86	.....	.82	.....	.02	.....	.30	.....	.....	.....
Kimball	.36	— .18	.40	— .26	1.23	+ .02	1.20	—1.53	2.34	+ .42	1.73	—1.64	4.29	+1.82	1.76	—1.03	1.36	+ .09	.37	— .55	.77	+ .19	.85	+ .15	16.66	— 2.50
La Delle	.37	— .61	.43	+ .07	1.40	+ .16	2.61	+ .28	4.20	+1.99	8.51	+4.73	3.40	— .33	2.76	— .97	4.29	+1.36	1.32	— .34	.19	— .13	.99	+ .41	30.59	+ 6.62
Leola	.20	+ .17	.60	+ .28	.50	—1.51	1.45	— .76	2.25	— .20	1.25	—1.59	1.29	— .88	7.58	+3.38	4.75	+3.61	.87	— .21	.05	— .36	.30	— .14	21.09	+ 1.79
Marion	T.	.....	1.01	.....	1.78	.....	1.33	.....	8.74	.....	5.12	.....	4.35	.....	4.42	.....	2.88	.....	3.04	.....	.24	.....	.44	.....	33.35	.....
Mellette	.22	— .34	.40	+ .04	.32	—1.23	2.29	— .07	1.90	— .36	3.31	— .56	2.76	— .07	4.32	+1.84	2.31	+ .67	.47	—1.05	.14	— .47	.56	+ .23	19.00	— 1.37
Memo	.18	— .25	.71	+ .39	1.65	+ .51	.73	—1.16	7.46	+3.96	3.65	— .70	4.26	— .03	2.10	— .48	3.33	+1.15	1.59	— .23	.39	— .21	.50	— .19	26.55	+ 2.76
Milbank	.55	+ .19	.30	— .34	1.23	— .25	1.84	— .40	4.09	+1.27	2.80	— .99	7.50	+5.33	3.66	+1.13	5.04	+3.47	.....	.....	.....	.....	.....	.....	.....	.....
Mitchell	.40	— .05	.70	+ .24	.90	+ .31	1.10	—2.45	4.39	+1.72	4.38	—1.43	5.77	+3.85	1.39	—1.09	3.81	+2.11	1.97	— .04	.27	— .13	.95	+ .34	24.12	+ 3.38
Oelrichs	.60	— .50	.65	— .63	1.25	— .87	2.35	+ .12	5.25	+2.77	1.90	—2.28	3.15	+1.19	1.05	.00	1.75	+ .78	1.07	— .20	.20	— .64	.25	— .62	18.57	— .88
Pedro	T.	.....	.10	.....	.43	.....	.87	.....	2.21	.....	2.30	.....	5.65	.....	2.65	.....	1.81	.....	.68	.....	.18	.....	.29	.....	17.17	.....
Pierre	.26	— .25	.36	— .02	1.03	+ .17	1.65	— .30	1.72	— .59	2.14	—1.27	4.99	+2.81	3.98	+2.33	1.97	+1.00	.25	— .40	.52	+ .06	.66	+ .22	19.53	+ 3.76
Pine Ridge	.42	.....	.19	.....	.20	...	1.64	.....	4.72	.....	1.41	.....	4.48	.....	.....	.....	1.59	.....	.73	.....	.07	.....	.09	.....	15.54	†
Plankinton	.15	— .25	.39	— .14	.87	— .81	1.64	—1.22	3.12	+1.25	2.87	—1.19	5.38	+2.88	3.06	+1.04	2.17	+ .19	.80	— .98	.29	— .09	.85	+ .45	21.60	+ 1.13
Ramsey	T.	— .14	.25	— .13	1.25	+ .22	1.05	—1.20	7.00	+2.79	5.03	+1.63	4.44	+1.42	1.92	—1.21	3.12	+ .53	2.01	+ .04	.30	— .24	.70	+ .14	27.07	+ 3.85
Rapid City	.23	— .13	.47	— .15	1.10	.00	3.51	+1.23	2.94	— .67	3.79	— .10	3.37	+1.69	2.47	+1.15	2.79	+2.23	.30	— .36	T.	— .38	.31	+ .06	21.28	+ 4.57
Redfield	.04	— .05	.83	+ .64	1.44	+ .53	2.97	+1.13	.98	—1.46	4.17	+1.28	5.09	+2.25	2.04	— 2.28	2.02	—1.09	.83	— .44	.16	— .07	.27	— .10	20.84	+ .34
Rosebud	.20	— .72	.50	— .18	.53	—1.03	2.10	— .47	2.41	+ .34	1.17	—1.84	.....	.....	.....	.....	.....	.....	.15	.75	.45	— .17	1.55	+ .49	.....	.....
St. Lawrence	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.90	—3.03	3.09	+ .51	2.38	— .70	.....	.....	.....	.....	.50	.....	.68	.....	.....	.....
Silver City	.25	— .42	.60	+ .01	1.82	— .24	4.49	+2.27	4.07	+ .31	6.39	+2.61	3.52	+1.14	1.83	+ .08	2.13	+ .81	.45	— .11	.30	— .66	1.30	+ .74	27.21	+ 6.57
Sioux Falls	.20	— .32	.47	— .04	2.13	+ .65	1.12	—1.92	7.43	+3.27	3.01	—1.06	6.00	+3.48	5.13	+2.45	1.96	+ .05	2.76	+1.39	.13	— .51	.56	— .30	30.90	+ 7.14
Sisseton Agency	.69	+ .36	.24	+ .01	.74	—1.08	2.40	+ .20	2.21	— .65	3.68	+ .64	8.35	+6.16	2.92	— .80	6.10	+1.60	1.51	— .30	T.	— .32	.23	— .56	29.16	+ 5.32
Spearfish	.54	— .48	.85	— .21	3.98	+1.88	5.56	+2.78	3.08	+ .11	2.28	—1.92	2.99	+1.05	3.73	+2.29	3.88	+3.01	.39	— .95	.65	+ .08	1.50	+ .61	29.41	+ 8.25
Stephan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.17	.....	.50	.....	.68	.....	.....	.....
Tyndall	.18	— .28	1.10	+ .67	.70	— .28	1.82	—1.23	11.47	+8.58	2.33	—1.15	4.91	+1.68	4.29	+1.53	2.36	+ .92	2.01	+ .29	.52	— .14	1.22	+ .58	32.91	+11.17
Vermillion	T.	— .31	1.06	+ .37	2.36	+1.07	2.33	+ .07	9.85	+6.46	3.89	.....	4.70	.....	5.44	.....	2.40	.....	.....	.....	.....	.....	.....	.....	.....	.....
Watertown	.15	— .28	.12	— .39	.53	— .38	1.20	—1.88	3.73	+ .28	2.26	—1.29	3.25	— .02	5.71	+2.15	4.52	+2.55	1.91	+ .52	.14	— .40	.43	+ .04	23.95	+ 1.06
Waubay	.28	+ .09	.15	.....	.95	— .75	1.33	+ .03	3.75	+1.44	4.63	+1.70	6.25	+3.88	.....	.....	3.19	+ .87	1.85	+ .39	.33	— .26	.88	+ .20	26.22	+ 4.55
Wentworth	.67	+ .36	.43	+ .06	1.29	+ .11	.72	—2.07	5.12	+1.57	2.80	— .42	5.40	+1.90	3.48	+ .84	2.04	+ .48	.70	— .25	.47	+ .04	.95	+ .14	14.61	+ 4.70
Wolsey	.15	— .33	.25	— .32	1.18	— .19	1.53	—1.11	1.90	— .79	1.66	—1.96	2.55	+ .36	1.23	— .77	2.04	+ .48	.70	— .25	.47	+ .04	.95	+ .14	14.61	+ 4.70
Yankton	.17	— .40	2.58	+1.85	2.13	+ .97	1.65	—1.42	7.60	+3.26	3.35	— .93	4.88	+1.06	4.98	+1.88	1.74	—1.11	1.23	— .21	.70	+ .04	.37	— .43	31.38	+ 4.58

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1902. The use of these normals in this table began in January; for length of record, see page 5. † For 11 months. * For 10 months. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the Year 1904, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure	Precipitation.	Departure	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	.43	— .40	1.26	+ .47	2.52	+ .18	6.80	+3.32	3.79	+1.01	5.09	+ .77	2.12	—1.00	3.98	+ .90	3.90	+2.17	.30	—1.41	.33	— .57	1.60	+ .79	32.12	+6.23
Academy	.28	+ .07	.42	+ .08	.36	—1.09	2.66	+ .68	.90	—1.49	4.31	+1.08	2.27	—1.65	2.48	—1.30	.25	—1.16	2.25	+1.01	.08	— .33	.35	— .46	16.61	—4.56
Alexandria	.30	— .21	.90	+ .25	.68	—1.09	2.75	— .57	1.69	—1.43	4.99	+1.29	3.01	— .39	2.44	— .44	2.02	— .17	2.15	+ .29	T	— .51	.16	— .51	21.09	—3.50
Armour	.54	— .05	.57	— .30	.32	—1.24	2.80	— .21	3.49	+ .76	5.19	+1.57	2.88	— .99	2.10	— .67	.59	—1.55	2.30	+ .29	.11	— .56	.14	— .65	21.03	—3.66
Ashcroft	.80	+ .30	.70	+ .29	.65	— .81	.44	— .76	.92	—1.42	1.81	—1.12	1.52	— .02	1.78	+ .54	.07	— .91	.63	+ .10	.00	— .53	1.10	+ .72	10.42	—3.62
Bowdle	.10	— .16	.50	+ .21	.60	—1.15	2.03	+ .01	3.65	+1.61	3.04	— .82	2.71	+ .57	2.45	— .60	2.05	+ .79	.25	— .77	T	— .35	.65	+ .24	18.03	— .42
Brookings	.04	— .33	.15	— .30	.25	— .64	1.78	— .45	1.82	—1.02	4.30	+ .82	1.91	— .44	.93	—1.81	.93	— .99	3.15	+1.99	.02	— .44	.20	— .40	15.48	—4.01
Canton	.07	— .49	.46	+ .02	.44	—1.13	2.03	— .54	2.44	—1.89	5.71	+1.61	4.58	+ .30	2.00	— .96	1.65	— .51	4.96	+3.46	.02	— .87	.09	— .60	24.45	—1.60
Cavite	.25	.....	.05	.....	.03	.....	.30	.....	.76	.....	3.09	.....	4.05	.....	.15	.....	.00	.....	.77	.....	T	.....	.25	.....	9.70	.....
Centerville	.44	+ .09	.32	— .40	.64	— .95	2.88	+1.27	1.06	—3.59	3.00	—1.63	3.52	—2.08	1.55	—1.91	.61	—1.56	4.62	+3.21	.06	— .42	.75	— .08	19.42	—8.05
Chamberlain	.18	+ .03	.71	+ .43	.05	—1.38	1.18	— .70	.91	—1.62	2.14	— .92	1.78	—1.10	1.65	—1.24	.26	—1.22	.94	— .05	.11	— .17	.59	+ .15	10.50	—7.79
Cheyenne Agency	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.33	.....	2.95	.....	.60	.....	.20	.....	.20	.....	T	.....	T	.....
Clark	.15	— .13	.49	+ .15	.45	— .89	2.00	— .78	1.68	—1.36	4.29	— .09	1.44	—1.16	1.16	—1.79	2.03	— .72	1.25	— .14	T	— .58	.59	+ .11	15.53	—7.38
Clear Lake	.07	.....	.61	.....	.11	.....	3.28	.....	2.12	.....	4.70	.....	4.36	.....	2.99	.....	2.10	.....	1.33	.....	.26	.....	.13	.....	22.06	.....
De Smet	.20	— .21	.50	.00	.10	—1.36	1.86	— .60	1.93	— .99	.....	.....	2.74	+ .07	1.46	—1.15	.10	—1.92	3.47	+2.06	.05	— .64	.65	— .13	13.06	†
Elk Point	.39	+ .12	1.67	+ .57	1.43	+ .12	4.29	+2.03	3.23	—1.22	4.33	+ .78	2.43	—1.03	2.45	—1.76	1.10	—3.92	4.40	+2.64	.02	— .60	.66	— .23	26.40	—2.50
Fairfax	T	.....	.87	+ .70	.16	— .77	1.60	.....	1.86	.....	6.48	.....	3.01	.....	1.88	.....	.77	.....	2.51	.....	T	.....	T	.....	18.11	†
Farmingdale	.51	+ .37	.55	+ .07	.02	—2.28	.34	—1.47	4.16	+2.08	5.66	+2.34	1.58	— .21	.51	— .54	1.01	— .25	.53	— .01	T	— .34	.89	+ .66	16.22	+2.56
Faulkton	.10	— .16	.42	— .06	.28	— .94	2.00	—1.22	4.08	+2.66	1.80	—2.15	1.42	—1.07	1.90	— .27	1.51	+ .04	.30	— .82	.05	— .29	.54	+ .21	14.27	—5.28
Flandreau	.21	— .16	.65	+ .17	.10	—1.28	2.79	+ .04	3.68	+1.25	2.89	— .64	4.47	+2.33	4.15	+2.15	.73	— .92	2.68	+1.16	T	— .71	.53	— .15	19.95	—3.85
Forestburg	.08	— .43	1.22	+ .57	.31	—1.26	.96	—1.65	4.52	+ .87	5.76	+2.30	.40	—1.56	2.35	+ .00	.45	— .41	1.86	+1.00	.12	— .35	.38	— .14	22.72	+3.35
Fort Meade	.26	— .53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.16	— .46	.72	+ .14	18.97	— .33
Glanvalley	.25	+ .01	.50	— .04	.27	—1.16	2.83	+1.08	1.14	—1.44	1.70	—3.01	6.13	+3.11	.97	—2.77	21	—1.21	1.25	+ .20	.00	— .36	.35	— .29	15.60	—5.88
Gettysburg	.43	.....	.96	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand River School	.31	+ .21	.62	+ .42	.27	— .75	.52	— .71	2.24	+ .78	5.89	+2.87	.....	.....	1.43	—2.76	1.14	—1.19	.86	+ .10	.38	+ .13	.14	— .08	13.80	†
Greenwood	.60	+ .18	.45	— .01	.17	—1.00	1.79	—1.38	3.87	+1.02	6.37	+2.74	4.92	+1.53	1.91	—1.05	.99	—1.23	3.01	+1.47	.15	— .47	.32	— .28	24.58	+1.53
Herreid	.15	— .01	.17	.00	.05	—1.19	1.43	— .52	.99	— .60	2.25	—1.45	2.40	— .14	1.60	— .60	2.37	.....	.40	.....	.10	.....	.....	.....	.....	.....
Highmore	.....	.....	.....	.....	.....	.....	.....	.....	3.54	+1.16	2.64	— .59	1.31	—1.10	1.48	— .60	.38	—1.12	.60	— .12	T	— .40	.60	+ .24	10.50	—5.90
Hitchcock	.11	— .17	.21	— .09	.06	—1.02	.66	—1.60	.41	—1.49	3.00	— .20	2.19	— .01	3.57	+1.21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hotch City	.30	+ .04	.20	— .35	.28	—1.09	1.93	— .46	2.41	— .92	4.28	— .02	3.09	+ .26	2.87	+ .48	.45	—1.72	2.30	+ .48	.28	— .28	.21	— .35	18.60	—3.90
Howard	.09	.....	.20	.....	.17	.....	1.60	.....	2.97	.....	1.82	.....	2.60	.....	1.33	.....	.58	.....	.48	.....	.12	.....	.46	.....	12.42	.....
Howell	.14	— .35	.45	— .15	.24	— .65	2.22	— .72	3.18	+ .17	4.37	+ .82	2.60	— .50	4.65	+2.07	.26	—1.15	1.71	+ .43	.10	— .51	.44	— .16	20.36	— .76
Huron	.....	.....	.....	.....	.61	—1.45	4.57	+2.82	4.29	+1.23	5.70	+2.04	2.04	— .12	2.97	+ .24	4.21	+2.23	.84	— .48	T	— .26	.30	+ .03	25.73	†
Ipswich	.29	— .10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.54	.....	.10	.....	1.10	.....	.....	.....
Kidder	T	.....	1.21	.....	2.65	.....	2.20	.....	3.62	.....	.72	.....	1.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kimball	.50	— .03	.50	— .15	.35	— .86	1.51	—1.14	1.20	— .74	2.16	—1.12	1.78	— .79	2.28	— .45	.17	—1.10	1.54	+ .66	.15	— .44	.18	— .53	12.32	—6.60
La Delle	.12	— .77	.38	+ .01	.80	— .52	1.87	— .50	3.32	+ .82	6.37	+1.91	2.23	—1.51	3.32	— .27	.83	—2.30	1.46	— .16	.10	— .21	.50	— .14	21.30	—3.60
Leola	.20	+ .12	.57	+ .18	1.50	— .12	3.40	+1.38	3.94	+1.53	4.52	+1.99	2.27	+ .27	2.66	—1.42	3.95	+2.09	.50	— .54	.05	— .27	.30	— .11	23.86	+5.00
Leslie	.31	+ .23	.45	+ .38	.07	— .75	.10	—1.13	1.37	— .09	3.75	+ .50	2.64	+ .86	1.91	— .43	.58	— .61	.34	— .10	T	— .36	.....	.....	11.52	†
Marion	.10	.....	.70	.....	.50	.....	2.91	+1.29	1.95	.....	3.47	—1.06	6.16	+3.66	2.37	— .75	.79	—2.44	2.65	+ .66	.00	— .13	.59	— .34	22.19	.....
Mellette	.24	— .27	.40	+ .04	.20	—1.19	2.29	— .07	2.42	+ .19	3.37	— .45	1.65	—1.17	2.35	— .30	3.55	+1.86	.53	— .89	T	— .56	.20	— .16	17.20	—2.20
Menno	.34	— .05	.46	+ .10	.37	— .84	2.19	+ .47	2.03	—1.96	4.86	+ .60	3.20	—1.08	3.35	+ .83	.74	—1.58	3.92	+2.13	.22	— .36	.47	— .20	22.15	—1.70
Milbank	.....	.....	.90	+ .29	.67	— .79	2.25	+ .04	1.85	—1.07	4.58	+ .87	3.22	+ .64	3.42	+ .81	1.67	— .15	2.54	+1.27	T	— .50	.82	+ .30	21.92	†
Mitchell	.04	— .40	.56	+ .08	.33	— .94	2.47	— .81	2.45	— .40	5.38	+1.71	3.56	+ .35	1.89	— .49	.63	—1.28	2.33	+ .32	T	— .39	.50	— .14	20.14	—2.20
Oelrichs	.70	— .37	.45	— .78	.90	—1.16	.41	—1.83	3.30	+ .55	2.92	— .18	1.30	— .74	T	—1.05	1.00	— .03	1.30	+ .05	T	— .79	.....	.....	12.28	†
On The Tree's Camp	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.66	.....	.72	.....	.45	.....	.06	.....	.70	.....	.....	.....
Pedro	.30	.....	.16	.....	T	.....	1.77	.....	2.63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pierre	.63	+ .12	.83	+ .45	.33	— .53	.87	—1.08	.62	—1.69	2.48	— .93	1.46	— .72	1.09	— .56	.20	— .77	.16	— .49	.14	— .32	.66	+ .22	9.47	—6.00
Pine Ridge	.16	+ .01	.09	— .30	.32	— .48	.20	—1.09	2.52	— .08	3.49	— .33	.98	—1.62	.....	.....	.....	.....	.....	.....	T	— .07	.20	— .21	.....	.....
Plankinton	.15	— .22	.63	+ .12	.08	—1.52	2.65	— .09	2.55	+ .58	3.57	— .41	3.61	+ .89	1.65	— .46	.16	—1.84	2.34	+ .65	T	— .37	.....	.....	17.39	.....
Ramsey	.15	+ .04	.60	+ .25	T	+1.06	2.85	+ .80	2.58	—2.10	3.94	+ .26	2.83	— .44	.83	—2.10	.73	—1.95	3.72	+1.74	T	— .50	.30	— .28	18.52	— 5.00
Rapid City	.46	+ .10	1.00	+ .38	.40	— .70	.43	—1.85	3.50	— .11	5.07	+1.18	1.84	+ .16	1.36	+ .04	.43	— .13	1.18	+ .52	.19	— .19	.54	+ .29	16.40	— 6.00
Redfield	.07	— .01	.54	+ .24	.43	— .57	2.70	+ .70	2.04	— .19	1.43	—3.64	2.72	— .50	1.72	—2.22	.98	—1.95	.60	— .60	.17	— .05	.35	.00	13.75	— 6.00
Rosebud	.....	.....	.70	+ .04	.30	—1.16	.60	—1.93	1.65	— .45	4.26	+1.43	5.30	+2.81	.51	—1.46	.....	.....	T	— .83	.....	.....	.....	.....	.....	.....
Silver City	1.60	+ .98	2.95	+2.36	.33	—1.70	.41	—2.13	4.32	+ .55	6.48	+2.40	1.37	—1.13	.....	.....	.....	.....	.72	+ .18	.13	— .82	.73	+ .09	.....	.....
Sioux Falls	.13	— .37	.45	— .06	.28	—1.25	2.87	— .03	2.31	—2.13	4.75	+ .76	3.24	+ .47	1.62	—1.23	.66	—1.25	1.32	+1.85	.03	— .58	.41	— .43	20.07	—4.00
Sisseton Agency	.30	— .03	.44	— .21	.61	— .94	2.99	+ .74	2.77	+ .07	5.57	+2.37	2.10	—1.63	4.79	+1.18	2.73	—2.22	1.78	+ .04	.07	— .17	.64	— .01	24.70	— 7.00
Spearfish	.85	— .11	2.13	+1.08	.08	—2.16	1.04	—1.94	2.49	— .49	9.10	+5.04	2.08	+ .07	2.85	+1.23	.20	— .90	2.77	+1.50	.15	— .42	.66	— .27	24.40	+7.00
Stephan	.29	.....	.47	.....	.05	.....	1.37	.....	.79	.....	1.72	.....	4.18	.....	.93	.....	.19	.....	.01	.....	.12	.....	.60	.....	10.72	.....
Tyndall	.49	+ .06	.34	— .16	.50	— .45	3.32	+ .38	4.28	+ .61	5.13	+1.75	3.83	+ .47	5.37	+2.47	.51	—1.01	4.71	+2.96	.21	— .44	.22	— .47	28.91	+6.00
Vermilion	.....	.....	.20	— .56	.91	— .59	2.95	+ .67	3.28	—1.40	4.09	.....	1.97	—1.97	1.91	—2.04	.55	—6.14	6.67	.....	.12	— .47	.50	— .42	23.15	.....
Watertown	.20	— .20	.46	— .01	.10	— .77	.93	—1.96	1.34	—2.14	4.60	+1.18	5.08	+1.81	2.27	—1.50	1.87	— .33	2.24	+1.79	.01	— .50	.34	— .05	19.14	— 5.00
Wentworth	.26	— .08	.42	+ .04	.23	— .96	2.38	— .25	2.51	—1.16	3.89	+ .70	3.11	+ .33	2.26	— .45	.84	—1.56	3.79	+2.29	T	— .57	.34	— .36	20.03	— 5.00
Wolsey	.26	— .19	.50	— .04	.15	—1.21	2.95	+ .41	4.02	+1.40	2.17	—1.27	3.04	+ .82	1.72	— .21	.28	—1.33	1.51	+ .59	.20	— .23	.53	— .29	17.33	— 6.00
Yankton	.21	— .36	.53	— .20	.92	— .24	1.89	—1.18	2.86	—1.48	2.35	—1.93	2.50	—1.32	4.00	+ .90	.69	—2.16	3.58	+2.14	.11	— .55	.41	— .39	20.05	— 6.00

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1903. The use of these normals in this table began in January; for length of record, see page 5. † For 11 months. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the year 1905, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	.35	— .51	1.30	+ .48	.53	—1.82	1.55	—2.15	8.00	+5.15	7.40	+3.02	4.67	+1.61	3.39	+ .25	.86	—1.01	3.47	+1.86	1.73	+ .87	.03	— .83	33.28	+ 6.92
Academy	.57	+ .35	.35	.00	1.48	+ .22	1.19	— .90	5.24	+3.10	7.38	+3.97	2.81	— .88	.92	—2.67	1.90	+ .65	2.31	+ .93	.63	+ .27	.02	— .72	24.80	+ 4.32
Alexandria	.85	+ .36	.20	— .46	1.66	— .04	.78	—2.51	6.45	+3.40	7.60	+3.83	2.07	—1.31	1.48	—1.38	1.83	— .35	2.16	+ .28	1.56	+1.08	T	— .64	26.64	+ 2.26
Armour	.74	+ .16	.57	— .25	.96	— .43	1.20	—1.79	6.04	+3.19	8.10	+4.32	1.72	—2.06	1.67	—1.04	2.71	+ .72	2.91	+ .87	1.39	+ .79	.02	— .70	28.03	+ 3.78
Ashcroft	.70	+ .17	.20	— .24	.75	— .64	.90	— .23	1.36	— .84	2.58	— .26	4.18	+2.64	.48	— .80	.60	— .31	1.02	+ .48	1.00	+ .51	T	— .44	13.77	+ 0.04
Bowdle	.45	+ .21	.50	+ .19	.60	—1.03	1.75	— .27	5.68	+3.50	3.67	— .12	4.91	+2.72	2.80	— .20	1.45	+ .12	1.12	+ .17	.98	+ .66	T	— .43	23.91	+ 5.52
Brookings	.22	— .13	1.00	+ .61	.68	— .17	1.01	—1.19	6.14	+3.33	6.09	+2.56	.98	—1.34	4.54	+1.91	2.16	+ .30	1.50	+ .22	2.45	+2.02	T	— .58	26.77	+ 7.54
Canton	.49	— .02	.29	— .15	2.11	+ .65	.67	—1.85	4.65	+ .49	8.57	+4.32	1.43	—2.88	2.61	— .26	3.18	+1.07	1.78	— .10	3.64	+2.84	T	— .63	29.42	+ 3.48
Castlewood	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.46	.....	.03	.....	.....	.....
Cavite	.68	.....	.28	.....	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Centerville	1.52	+1.16	.68	+ .02	1.94	+ .52	.92	— .85	5.16	+ .96	5.13	+ .70	1.00	—4.34	1.63	—1.59	4.56	+2.58	1.73	— .08	2.91	+2.48	.06	— .76	27.24	+ 0.80
Chamberlain	.63	+ .48	.35	+ .01	.47	— .78	1.35	— .43	3.96	+1.63	5.36	+2.42	1.43	—1.30	1.07	—1.68	.42	— .92	2.01	+1.02	.71	+ .45	.01	— .45	17.77	+ 0.45
Cheyenne Agency	.50	.....	T	.....	T	.....	1.70	.....	4.05	.....	7.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clark	.68	+ .41	.65	+ .26	1.35	+ .09	.85	—1.10	7.06	+4.13	4.65	+ .27	4.59	+2.08	2.74	— .09	1.02	—1.68	2.62	+1.24	2.14	+1.61	.45	— .04	28.80	+ 7.18
Clear Lake	.13	.....	.41	.....	.50	.....	1.02	.....	8.62	.....	6.65	.....	4.22	.....	6.41	.....	3.35	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dallas	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.17	.....	T	.....	.....	.....
De Smet	.70	+ .31	.....	.....	.....	.....	.....	.....	.....	.....	8.21	+4.66	4.46	+1.97	.....	.....	.....	.....	.....	.....	.....	.....	.12	— .65	.....	.....
Elk Point	1.40	+1.11	1.50	+ .29	1.30	— .03	2.34	— .26	7.47	+3.22	3.09	— .59	1.03	—2.26	3.79	— .13	4.37	+ .01	2.18	+ .05	3.90	+3.36	.02	— .84	32.39	+ 3.93
Fairfax	.79	.....	.20	.....	.40	.....	1.35	.....	4.10	.....	6.28	.....	3.03	.....	1.54	.....	1.66	.....	1.79	.....	1.27	.....	T	.....	22.41	.....
Farmingdale	.45	+ .27	.12	— .13	.73	— .11	1.32	— .35	6.48	+4.20	4.24	+ .71	7.00	+5.23	1.65	+ .65	.38	— .85	.90	+ .36	.67	+ .36	T	— .30	23.94	+10.04
Faulkton	.28	+ .04	.40	— .09	.41	—1.66	1.72	—1.38	5.42	+3.76	4.50	+ .75	3.53	+1.14	3.13	+ .99	.52	— .95	1.69	+ .66	1.23	+ .92	.05	— .30	22.88	+ 3.88
Flandreau	.59	+ .23	.92	+ .44	.65	— .51	.88	—1.83	7.49	+3.65	8.96	+5.09	1.45	—1.48	3.91	+ .74	2.15	+ .09	1.93	+ .26	3.44	+2.78	.20	— .47	32.57	+ 8.99
Forestburg	.59	+ .11	.80	+ .31	.80	— .48	2.16	— .59	5.32	+2.80	10.91	+7.12	5.26	+2.95	2.01	— .14	.50	—1.08	2.12	+ .52	1.54	+1.09	T	— .51	32.01	+13.40
Fort Meade	.97	+ .20	.21	— .47	1.14	— .38	.49	—2.06	5.94	+2.25	4.84	+1.35	10.33	+8.43	.62	—1.15	.12	— .72	4.95	+4.05	.64	+ .04	.12	— .47	30.37	+11.07
Gannvalley	.55	+ .31	.20	— .33	.36	— .88	1.26	— .65	7.36	+4.98	5.66	+1.38	5.19	+1.73	2.45	— .93	.53	— .74	1.65	+ .58	.49	+ .18	.00	— .60	25.70	+ 5.03
Grand River School	.14	.00	.47	+ .18	.62	— .25	.82	— .27	4.27	+2.66	4.91	+1.31	4.65	+3.24	.36	—3.14	.....	.....	1.10	+ .33	1.12	+ .84	.10	— .11	18.56	†
Greenwood	1.23	+ .80	.25	— .20	2.90	+1.81	1.80	—1.24	6.20	+3.26	5.10	+1.22	2.64	— .88	1.97	— .93	1.60	— .51	2.58	+ .92	1.70	+1.12	.03	— .54	28.00	+ 4.83
Herreid	.03	.....	.01	.....	.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Highmore	.60	+ .44	T	— .17	.60	— .54	1.39	— .52	5.23	+3.69	5.64	+2.06	5.54	+3.01	3.56	+1.52	.56	— .86	1.95	+1.24	1.29	+ .94	T	— .39	26.36	+10.42
Hitchcock	.....	.....	.....	.....	.....	.....	1.13	—2.21	6.78	+4.30	5.69	+2.51	1.61	— .72	3.68	+1.24	1.25	— .70	.....	.....	.....	.....	.....	.....	.....	.....
Hotch City	.23	— .04	.41	+ .12	.31	— .69	1.12	—1.00	4.37	+2.53	5.16	+1.92	3.07	+ .88	1.70	+ .10	.26	— .43	1.65	+1.02	.46	+ .11	.00	— .31	18.74	+ 4.26
Howard	.30	+ .04	.49	— .03	.44	— .84	.93	—1.42	4.56	+2.08	7.77	+3.47	3.41	+ .57	4.07	+1.64	2.33	+ .31	1.90	+ .05	1.86	+1.32	.04	— .50	28.10	+ 6.69
Howell	.22	+ .12	.16	— .17	.44	— .80	.86	— .63	6.36	+4.68	5.68	+2.29	2.20	— .17	3.08	.....	.23	.....	1.81	+1.34	1.21	+ .93	.04	— .71	22.29	.....
Huron	.36	— .13	.27	— .30	.48	— .41	.67	—2.27	6.44	+3.43	7.80	+4.25	5.27	+2.17	3.72	+1.14	1.04	— .37	1.73	+ .45	1.11	+ .50	.04	— .56	28.93	+ 7.90
Ipswich	.....	.....	.68	+ .22	.59	—1.31	1.93	— .23	6.00	+2.78	6.58	+2.63	5.93	+3.78	3.00	+ .24	.10	—2.16	1.63	+ .37	2.34	+2.11	T	— .28	28.78	†
Kidder	.....	.....	.10	.....	.77	.....	1.50	.....	8.92	.....	2.90	.....	3.56	.....	4.45	.....	.58	.....	.84	.....	1.94	.....	T	.....	25.56	†
Kimball	.25	— .28	.20	— .44	.46	— .70	.68	—1.91	6.41	+4.51	6.99	+3.77	2.86	+ .33	.72	—1.99	.51	— .70	1.71	+ .79	.42	— .15	.00	— .68	21.21	+ 2.55
La Delle	.31	— .49	.53	+ .16	.60	— .65	.92	—1.39	8.61	+6.01	6.85	+2.15	3.85	+ .30	8.22	+4.66	1.06	—1.78	2.82	+1.22	1.56	+1.28	.25	— .37	35.58	+11.10
Leola	.35	+ .25	.80	+ .37	.28	—1.32	2.10	— .20	5.45	+2.78	3.22	+ .36	2.42	+ .38	3.70	— .14	.65	—1.56	.70	— .25	1.55	+1.28	.00	— .39	21.22	+ 1.56
Leslie	.40	+ .29	T	— .11	.20	— .55	1.10	— .02	3.63	+2.18	5.20	+1.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marion	.90	+ .72	.74	+ .04	2.11	+1.06	.78	—1.16	5.88	+1.26	7.66	+3.40	1.75	—1.67	2.73	— .21	2.41	— .21	2.06	— .10	3.52	+3.42	.00	— .84	30.54	+ 5.71
Mellette	.....	.....	.....	.....	.10	—1.16	.....	.....	5.82	+3.57	3.46	— .33	2.09	— .64	3.80	+1.18	.50	—1.34	2.65	+1.30	.....	.....	.00	— .34	.....	.....
Menno	.55	+ .17	.47	+ .09	2.67	+1.56	1.02	— .76	5.37	+1.60	5.97	+1.64	2.23	—1.93	3.04	+ .43	3.72	+1.57	2.10	+ .07	2.13	+1.59	T	— .65	29.27	+ 5.38
Milbank	.60	+ .20	.15	— .48	.52	— .87	1.25	— .96	7.35	+4.50	8.60	+4.82	5.27	+2.65	3.55	+ .88	2.17	+ .36	3.00	+1.64	2.85	+2.38	T	— .54	35.31	+14.58
Mitchell	.81	+ .40	.20	— .29	1.37	+ .19	.92	—2.28	5.01	+2.20	7.57	+3.75	3.57	+ .33	1.53	— .80	2.87	+1.07	2.47	+ .43	1.56	+1.21	T	— .63	27.88	+ 5.58
Mound City	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.12	.....	.10	.....	.....	.....
Oelrichs	.90	— .14	.40	— .78	.50	—1.48	2.20	+ .08	4.09	+1.37	3.61	+ .52	5.45	+3.46	2.46	+1.49	.30	— .73	.....	.....	.60	— .14	.30	— .53	20.81	†
Pierre	.35	— .16	.17	— .21	1.32	+ .46	1.42	— .53	4.34	+2.03	3.36	— .05	4.81	+2.63	2.09	+ .44	.34	— .63	1.64	+ .99	.62	+ .16	T	— .44	20.46	+ 4.69
Pine Ridge	.36	+.21	.05	— .27	.81	+ .13	1.72	+ .70	4.33	+1.75	2.63	—1.06	.....	.....	.....	.....	.79	— .32	.60	— .71	.30	+ .24	.....	.....	.....	.....
Plankinton	.....	.....	.55	— .03	.10	—1.36	1.18	—1.55	4.20	+2.18	7.50	+3.55	3.63	+ .84	1.00	—1.07	.88	— .97	2.17	+ .43	.....	.....	.....	.....	.....	.....
Ramsey	.58	+ .46	.30	— .09	1.40	+ .49	1.40	— .77	5.86	+1.49	7.49	+3.78	1.65	—1.55	4.87	+2.24	2.69	+ .29	2.62	+ .39	3.00	+2.57	.10	— .44	31.96	+ 8.86
Rapid City	.52	+ .16	.02	— .60	1.00	— .10	1.95	— .33	6.25	+2.64	3.65	— .24	9.66	+7.98	1.66	+ .34	.85	+ .29	1.08	+ .42	.40	+ .02	.02	— .23	27.06	+10.35
Redfield	.21	+ .13	.56	+ .23	.15	— .77	.53	—1.56	6.26	+4.06	5.52	+2.65	2.21	— .94	4.38	+ .75	.20	—2.45	2.60	+1.49	1.61	+1.40	.04	— .31	24.27	+ 4.68
Rosebud	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.46	+ .53	1.60	+ .85	.47	— .13	T	—1.10	.....	.....
Silver City	.70	— .03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sioux Falls	.66	+ .19	.45	— .05	2.43	+ .99	.73	—2.16	6.41	+2.14	6.89	+2.84	3.31	+ .50	4.73	+1.96	4.41	+2.51	2.06	+ .46	3.45	+2.88	T	— .81	35.53	+11.45
Sisseton Agency	.25	— .07	.16	— .11	.53	— .83	1.26	—1.14	7.65	+4.94	3.88	+ .21	5.12	+1.72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spearfish	1.62	+ .66	.57	— .55	2.00	— .09	1.05	—1.80	6.95	+4.00	5.85	+1.45	5.84	+3.82	.72	— .99	.30	— .74	2.25	+ .88	.70	+ .15	T	— .91	27.85	+ 5.88
Stephan	.66	.....	.26	.....	.35	.....	.68	.....	4.14	.....	5.50	.....	3.33	.....	1.16	.....	.86	.....	1.79	.....	.90	.....	T	.....	19.63	.....
Tyndall	.62	+ .18	.29	— .19	6.13	+5.22	1.93	—1.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.84	— .13	1.56	+ .94	T	— .65	.....	.....
Vermillion	.85	+ .61	.57	— .10	1.97	+ .57	1.30	—1.09	9.51	+5.06	4.28	— .22	2.67	— .78	2.20	—1.24	4.80	— .36	2.43	— .31	3.11	+2.63	.01	— .80	33.70	+ 3.97
Watertown	.75	+ .36	.72	+ .25	.59	— .22	1.46	—1.26	2.53	.....	5.46	+1.93	5.12	+1.65	2.86	— .78	2.17	+ .01	2.02	+ .49	1.97	+1.51	T	— .39	25.65	*
Wentworth	.39	+ .06	.87	+ .49	.70	— .41	.58	—2.13	5.90	+2.31	6.96	+3.72	1.83	— .98	3.45	+ .77	2.53	+ .26	1.29	— .40	1.78	+1.25	.06	— .61	26.34	+ 4.33
White Horse	.28	.....	.37	.....	.30	.....	1.63	.....	3.37	.....	2.56	.....	4.39	.....	3.98	.....	.44	.....	.84	.....	.62	.....	T	.....	18.78	.....
Wolsey	.44	+ .01	.30	— .24	.56	— .70	.84	—1.73	7.55	+4.81	7.81	+4.47	2.26	— .04	2.68	+ .77	1.02	— .48	1.99	+1.02	1.34	+ .93	.03	— .77	26.82	+ 8.05
Yankton	.58	+ .01	.53	— .20	2.75	+1.59	1.46	—1.61	5.85	+1.51	3.68	— .60	1.12	—2.70	2.52	— .58	3.14	+ .29	1.41	— .03	2.37	+1.71	.05	— .75	25.46	— 1.36

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1904. The use of these normals in this table began in January; for length of record, see page 5. † For 11 months. T. Trace of precipitation, an amount less than .01 of an inch.
*Record for May incomplete.

MONTHLY AND ANNUAL PRECIPITATION FOR THE YEAR 1906, WITH DEPARTURES FROM THE NORMAL.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	0.54	−0.28	0.47	−0.39	1.39	−0.84	5.16	+1.59	12.39	+9.20	2.66	−1.92	1.11	−2.05	4.76	+1.60	2.40	+0.59	2.75	+1.02	0.86	−0.06	0.63	−0.18	35.12	+ 8.28
Academy	0.99	+0.72	0.70	+0.35	3.00	+1.70	6.04	+4.08	4.75	+2.16	5.06	+1.09	1.37	−2.21	4.41	+1.15	2.92	+1.59	3.06	+1.56	0.43	+0.04	0.86	+0.21	33.59	+12.41
Alexandria	0.16	−0.35	0.63	0.00	2.26	+0.57	2.07	−1.08	3.49	+0.26	3.63	−0.34	2.20	−1.11	5.18	+2.40	5.36	+3.20	3.43	+1.53	0.94	+0.39	.....	.....	.....	.....
Armour	0.53	−0.07	0.28	−0.51	1.51	+0.18	3.98	+1.15	3.57	+0.45	3.31	−0.86	0.97	−2.64	6.34	+3.72	3.18	+1.13	2.50	+0.37	0.98	+0.29	1.22	+0.57	28.37	+ 3.78
Asheroft	0.90	+0.36	0.20	−0.22	1.30	−0.04	.....	.....	.....	.....	3.06	+0.24	0.54	−1.19	4.13	+2.91	1.33	+0.44	0.30	−0.27	0.44	−0.09	0.60	+0.19	.....	.....
Bowdle	0.30	+0.04	0.15	−0.18	0.40	−1.14	2.26	+0.27	7.30	+4.83	2.16	−1.62	1.35	−1.07	6.87	+3.89	1.26	−0.08	1.60	+0.64	1.07	+0.69	0.85	+0.46	25.57	+ 6.73
Brookings	0.17	−0.17	0.02	−0.41	0.58	−0.26	1.40	−0.73	3.51	+0.53	4.89	+1.21	1.86	−0.39	4.28	+1.54	5.13	+3.25	3.01	+1.72	0.89	+0.33	0.52	−0.03	26.26	+ 6.59
Canton	0.30	−0.21	0.18	−0.25	0.78	−0.74	2.27	−0.10	3.78	−0.42	8.73	+4.12	1.35	−2.72	6.84	+3.99	4.89	+2.69	3.18	+1.31	0.62	−0.44	0.87	+0.30	33.79	+ 7.53
Castlewood	0.13	.....	0.08	.....	0.36	.....	1.43	.....	3.49	.....	4.79	.....	1.40	.....	3.93	.....	2.57	.....	2.44	.....	0.92	.....	0.38	.....	21.92	.....
Centerville	0.64	+0.13	0.75	+0.08	1.94	+0.45	1.16	−0.51	3.16	−1.15	4.86	+0.35	1.32	−3.54	10.15	+7.11	6.00	+3.74	3.87	+2.07	0.37	−0.33	1.10	+0.36	35.32	+ 8.76
Chamberlain	0.31	+0.10	0.11	−0.23	1.49	+0.32	3.91	+2.19	4.92	+2 41	2.74	−0.47	0.46	−2.10	3.26	+0.68	2.41	+1.16	3.08	+1.98	0.41	+0.10	0.58	+0.17	23.68	+ 6.31
Cherry Creek	0.10	−0.04	T	−0.10	0.40	−0.30	0.69	−0.43	5.01	+3.36	0.13	−3.34	0.46	−1.40	6.53	+4.23	2.71	+1.58	1.40	+0.97	0.10	−0.23	0.93	+0.62	18.46	+ 4.92
Clark	1.05	+0.75	0.18	−0.23	1.20	−0.07	3.99	+2.12	4.27	+1.02	5.66	+1.26	2.73	+0.07	5.40	+2.58	3.40	+0.81	3.08	+1.62	0.96	+0.31	0.65	+0.16	32.57	+10.40
Clear Lake	0.15	.....	0.02	.....	0.95	.....	1.61	.....	3.83	.....	5.75	.....	1.95	−2.72	4.58	−0.38	4.31	+1.06	2.93	.....	0.66	.....	.....	.....	.....	.....
Dallas	0.18	.....	0.20	.....	2.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
De Smet	0.19	−0.23	0.30	−0.20	0.78	−0.57	3.06	+0.64	3.37	+0.52	3.41	−0.47	1.59	−1.04	4.54	+2.01	4.20	+2.33	3.36	+1.79	1.20	+0.56	0.30	−0.42	26.30	+ 4.92
Elk Point	1.35	+0.90	1.01	−0.25	2.08	+0.75	2.88	+0.32	2.18	−2.53	4.42	+0.83	0.75	−2 21	2.30	−1.60	12.18	+7.81	4.00	+1.86	1.60	+0.64	1.52	+0.77	36.27	+ 7.29
Fairfax	0.35	.....	0.07	.....	.....	.....	4.85	+3.13	4.15	+0.21	3.28	−1.90	1.14	−2.81	4.78	+2.45	3.01	+1.53	2.68	+0.92	0.55	−0.01	0.16	+0.11	.....	.....
Farmingdale	0.06	−0.15	0.32	+0.08	0.75	−0.08	0.99	−0.65	4.90	+2.23	3.00	−0.59	1.50	−0.74	2.75	+1.69	2.60	+1.44	1.37	+0.80	0.35	+0.01	.....	.....	.....	.....
Faulkton	0.27	+0.03	0.19	−0.29	0.96	−0.96	3.03	+0.04	6.81	+4.84	1.64	−2.17	1.39	−1.10	4.57	+2.34	2.18	+0.79	1.84	+0.75	0.46	+0.06	0.81	+0.49	24.15	+ 4.82
Flandreau	0.24	−0.14	0.14	−0.37	1.37	+0.25	1.00	−1.60	3.85	−0.23	5.39	+1.21	1.10	−1.74	7.41	+4.19	4.03	+1.96	3.42	+1.73	0.91	+0.07	0.42	−0.22	29.28	+ 5.11
Forestburg	0.82	+0.34	0.45	−0.07	2.00	+0.80	2.47	−0.24	3.53	+0.82	5.78	+1.80	2.21	−0.30	6.53	+4.39	4.64	+3.13	2.09	+0.45	0.65	+0.13	0.58	+0.10	31.75	+11.35
Fort Meade	0.30	−0.48	1.42	+0.76	2.25	+0.75	0.25	−2.22	5.37	+1.59	1.85	−1.69	1.45	−0.76	5.55	+3.82	0.12	−0.70	1.20	+0.15	0.92	+0.32	1.30	+0.73	21.98	+ 2.27
Frederick	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.26	.....	.....	.....
Gannvalley	0.50	+0.21	0.20	−0.29	1.45	+0.34	2.69	+0.87	4.49	+1.49	4.22	−0.24	0.85	−2.83	.....	.....	2.20	+1.01	.....	.....	.....	.....	0.45	−0.09	.....	.....
Greenwood	0.87	+0.37	0.30	−0.14	0.99	−0.25	4.33	+1.39	2.54	−0.67	1.55	−2.43	2.05	−1.40	6.60	+3.77	3.46	+1.39	4.03	+2.30	1.02	+0.36	0.68	+0.15	28.42	+ 4.84
Gregory	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hermosa	0.14	.....	0.24	.....	0.59	.....	0.89	.....	3.79	.....	2.74	.....	1.37	.....	4.35	.....	2.04	.....	1.17	.....	0.20	.....	1.45	.....	18.97	.....
Highmore	0.30	+0.10	0.40	+0.24	0.80	−0.30	2.30	+0.43	5.00	+3.18	2.50	−1.24	1.19	−1.53	6.74	+4.59	2.81	+1.45	2.41	+1.58	0.36	−0.10	0.40	+0.05	25.21	+ 8.45
Hitchcock	.....	.....	.....	.....	.....	.....	.....	.....	4.50	+1.66	2.95	−0.41	1.78	−0.49	4.39	+1.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Howard	0.11	−0.15	0.21	−0.31	0.85	−0.36	1.40	−0.83	2.09	−0.55	5.26	+0.69	1.69	−1.19	6.63	+4.09	6.18	+4.14	3.21	+1.35	1.05	+0.40	0.24	−0.26	28.92	+ 7.02
Howell	0.19	+0.06	0.17	−0.12	0.54	−0.50	2.44	+1.11	5.94	+3 09	1.38	−2.58	1.35	−0.97	5.37	+3.15	2.89	+1.97	2.33	+1.52	0.41	−0.10	0.44	−0.13	23.45	+ 6.50
Huron	0.37	−0.12	0.22	−0.35	1.41	+0.52	2.58	−0.36	3.02	−0.01	3.42	−0.13	1.90	−1.20	4.73	+2.15	3.14	+1.73	3.19	+1.91	0.70	+0.09	0.69	+0.09	25.37	+ 4.32
Ipswich	0.78	+0.49	0.05	−0.44	0.64	−1.13	4.17	+2.04	12.00	+8.47	1.60	−2.68	0.66	−1.91	5.29	+2.50	2.06	+0.04	1.14	−0.16	0 25	−0.19	0.70	+0.45	29.34	+ 7.48
Kennebec	0.16	−0.11	0.10	−0.20	0.59	−0.36	4.61	+2.56	3.45	+1.48	2.11	−1.27	0.18	−2.08	6.68	+5.07	2.81	+2.18	2.91	+2.21	0.30	−0.06	.....	.....	.....	.....
Kidder	0.10	.....	0.01	.....	0.50	.....	2.10	.....	8.19	.....	3.78	.....	5.71	+2.38	2.05	.....	3.50	.....	1.96	+1.23	1.23	+0.54	0.12	−0.35	29.25	.....
Kimball	.....	.....	0.14	−0.48	1.45	+0.32	2.57	+3.08	6.11	+3.98	5.07	+1.66	1.26	−1.29	6.68	+4.07	2.39	+1.21	3.17	+2.21	0.35	−0.21	0.50	−0.15	.....	.....
La Delle	0.59	−0.15	0.10	−0.29	0.83	−0.35	5.34	+3.19	4.08	+0.81	4.28	−0.65	2 35	−1.24	5.05	+0.97	3.73	+1.09	2.97	+1.24	1.31	+0.89	0.97	+0.39	31.60	+ 5.90
Leola	0.27	+0.13	.....	.....	0.36	+0.04	4.73	+2.47	10.08	+7.02	1.36	−1.55	0.72	−1.38	2.70	−1.12	1.35	−0.64	2.05	+0.99	1.40	+0.92	1.50	+1.16	.....	.....
Little Eagle	.....	.....	0.20	−0.12	0.95	+0.13	1.38	+0.34	7.09	+5.03	2.59	−1.23	0.75	−1.31	1.75	−1.12	1.36	−0.73	0.25	−0.71	0.53	+0.13	.....	.....	.....	.....
Marion	.....	.....	0.27	−0.44	.....	.....	1.17	−0.54	.....	.....	4.42	−0.52	2.84	−0.24	8.37	+5.48	8.78	+6.20	3.52	+1.38	0.85	+0.07	0.80	+0.13	.....	.....
Mellette	.....	.....	.....	.....	.....	.....	.....	.....	8.85	+6.33	1.36	−2.41	1.52	−1.16	5.40	+2.69	2 89	+1.15	1.58	+0.13	0.57	+0.07	0.49	+0.18	.....	.....
Menno	0.26	−0.14	0.27	−0.12	1.77	+0.49	1.76	+0.06	5.21	+1.28	3.60	−0.89	1.77	−2.20	5.65	+2.99	4.67	+2.37	3.12	+1.08	1.08	+0.38	0.70	+0.12	29.86	+ 5.42
Milbank	0.41	−0.01	0.07	−0.52	1.89	+0.57	2.72	+0.57	6.29	+3.14	6.55	+2.45	2.93	+0 13	5.22	+2.50	2.38	+0.55	3.61	+2.14	1.13	+0.51	0.77	+0.26	33.97	+12.29
Mitchell	0.30	−0.14	0.33	−0.13	3.45	+2.25	2.84	−0.15	3.15	+0.16	5.70	+1.56	1.29	−1.98	4.96	+2.70	4.69	+2.80	2.55	+0.48	1.58	+1.13	1.00	+0.42	31.84	+ 9.10
Mound City	1.00	.....	0.10	.....	0.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oelrichs	0.75	−0.28	1.70	+0.57	1.00	−0.89	2.90	+0.77	3.66	+0.85	2.43	−0.70	1.10	−1.11	3.45	+2.38	3.33	+2.35	0.80	−0.45	0.28	−0.45	0.85	+0.06	22.25	+ 3.10
Orman	.....	.....	.....	.....	.....	.....	.....	.....	5.55	.....	1.64	.....	0.69	.....	1.87	.....	1.28	.....	0.98	.....	0.93	.....	0.73	.....	.....	.....
Pierre	0.37	−0.14	0.10	−0.28	0.52	−0.34	2.62	+0.67	4.28	+1.97	1.66	−1.75	1.02	−1.16	5.16	+3.51	1.99	+1.02	3.05	+2.40	0.45	−0.01	0.84	+0.40	22.06	+ 6.29
Pine Ridge	0.18	−0.01	0.40	+0.14	0.97	+0.27	2.97	+1.81	3.63	+0.70	2.59	−0.92	1.13	−1.07	.....	.....	2.93	+1.90	1.53	+0.38	0.51	+0.41	1.40	+1.04	.....	.....
Plankinton	.....	.....	.....	.....	.....	.....	.....	.....	3.47	+1.30	5.12	+0.94	1.26	−1.58	10.20	+8.20	3.59	+1.82	2.75	+0.97	0.50	+0.16	0.87	+0.42	.....	.....
Ramsey	0.20	+0.01	0.30	−0.08	2.13	+1.16	1.67	−0.40	7.82	+3.26	6.15	+1.97	2.55	−0.45	5.17	+2.26	5.55	+3.11	4.28	+2.00	1.25	+0.50	.....	.....	37.07	*
Rapid City	0.06	−0.30	0.32	−0.30	1.15	+0.05	0.65	−1.63	4.67	+1.06	1.97	−1.92	1.08	−0.60	5.67	+4.35	1.16	+0.60	1.79	+1.13	0.40	+0.02	0.93	+0.68	19.85	+ 3.14
Redfield	0.31	+0.22	0.19	−0.17	0.60	−0.22	2.77	+0.86	4.50	+1.84	1.42	−1.74	1.53	−1.50	7.01	+3.29	2.32	−0.03	2.14	+0.84	0.59	+0.22	0.37	+0.05	23.75	+ 3.66
Rosebud	0.58	−0.27	0.29	−0.37	0.90	−0.45	2.84	+0.46	4.56	+2.50	1.66	−1.30	1.01	−1.72	3.47	+1.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Roslyn	.....	.....	.....	.....	.....	.....	2.46	.....	6.10	.....	3.52	.....	2.39	.....	7.33	.....	2.39	.....	1.36	.....	1.01	.....	0.47	.....	.....	.....
Rousseau	.....	.....	.....	.....	.....	.....	1.74	.....	4.61	.....	1.39	.....	0.85	.....	3.18	.....	2.85	.....	1.01	.....	.....	.....	.....	.....	.....	.....
Sioux Falls	0.38	−0.10	0.38	−0.12	1.37	−0.14	1.56	−1.19	4.56	+0.13	4.84	+0.60	0.95	−1.89	8.08	+5.19	5.49	+3.44	3 81	+2.17	0.89	+0.14	0.57	−0.19	32.88	+ 8.04
Spearfish	0.95	−0.05	1.70	+0.61	0.56	−1.53	2.67	−0.07	6.40	+3.20	.....	.....	1.06	−1.20	1.63	−0.01	1.06	+0.07	2.27	+0.85	0.91	+0.35	0.80	−0.06	.....	.....
Stephan	0.43	.....	0.24	.....	1.20	.....	2.16	.....	5.33	.....	3.48	.....	1.40	.....	6.49	.....	3.01	.....	2.56	+1.90	0.14	−0.37	0.70	+0.27	27.14	.....
Tyndall	0.24	−0.21	0.24	−0.23	1.90	+0.55	2.80	−0.09	4.05	+0.33	2.69	−0.83	3.42	+0.03	9.75	+6.65	3.93	+2.49	3.89	+1.93	0.63	−0.05	0.99	+0.38	34.53	+10.95
Vermilion	0.42	+0.06	1.00	+0.34	.....	.....	1.99	−0.24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 52	−0.14	0.12	−0.88	0.87	+0.22	.....	.....
Warnecke	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.60	.....	.....	.....
Watertown	0.26	−0.16	0.30	−0.19	0.78	−0.01	2.12	−0.49	4.30	+1.03	3.44	−0.25	1.63	−2.01	4.25	+0.68	1.25	−0.91	3.07	+1.50	0.75	+0.16	0.47	+0.11	22.62	− 0.54
Wentworth	0.12	−0.22	0.11	−0.30	1.42	+0.34	1.92	−0.56	3.13	−0.61	6.11	+2.62	1.88	−0.86	5.01	+2.28	4.83	+2.54	3.30	+1.64	0.80	+0.18	0.29	−0.34	28.92	+ 6.71
White Horse	T	.....	0.20	.....	0.45	.....	1.47	.....	5.48	.....	0.78	.....	.....	.....	.....	.....	1.67	.....	0.31	.....	0.35	+0.01	0.71	+0.24	.....	.....
Wolsey	0.50	+0.07	0.23	−0.29	2.82	+1.62	2.33	−0.11	3.05	−0.06	3.75	+0.07	1.37	−0.92	8.61	+6.64	3.11	+1.65	3.26	+2 21	0.46	−0.02	0.63	−0.11	30.12	+10.75
Yankton	0.48	−0.09	0.47	−0.23	1.74	+0.58	3.24	+0.17	4.51	+0.17	2.62	−1.66	2.11	−1.71	8.16	+5.06	4.03	+1.18	4.01	+2.57	0.66	0.00	1.18	+0.38	33.21	+ 6.39

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1905. The use of these normals in this table began in January; for length of record, see page 101. *For 11 months; record for December missing. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the Year 1907, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November		December.		Ann
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.
Aberdeen	1.55	+0.75	0.76	−0.07	1.17	−1.01	0.60	−3.06	3.89	+0.12	3.02	−1.44	2.70	−0.84	1.70	−1.55	2.15	+0.31	1.33	−0.46	T	−0.92	0.74	−0.06	19.61
Academy	1.10	+0.74	0.60	−0.20	0.35	−1.16	1.33	−1.14	2.91	+0.05	2.66	−1.45	5.77	+2.44	2.04	−1.35	2.15	+0.65	1.26	−0.41	0.06	−0.84	0.71	+0.08	20.94
Alexandria	1.60	+1.10	0.20	−0.53	T	−1.73	0.97	−2.12	2.83	−0.41	7.21	+3.25	6.52	+3.27	0.03	−2.87	1.87	−0.40	0.10	−1.89	T	−0.57	0.68	+0.07	22.01
Armour	.....	.....	0.60	−0.14	0.10	−1.25	1.75	−1.17	2.67	−0.48	5.94	+1.84	5.30	+1.89	0.69	−2.22	3.55	+1.40	0.05	−2.11	0.02	−0.70	0.69	−0.01	.....
Ashcroft	0.60	+0.03	0.30	−0.10	0.10	−1.24	0.40	−0.71	4.21	+2.07	4.48	+1.65	3.32	+1.67	0.46	−0.96	1.33	+0.41	T	−0.55	0.05	−0.47	0.20	−0.22	15.45
Bowdle	2.70	+2.43	1.20	+0.89	0.60	−0.84	0.65	−1.37	3.98	+1.18	1.69	−1.96	2.37	+0.04	1.60	−1.68	1.60	+0.26	1.85	+0.33	0.15	−0.28	0.25	−0.18	18.14
Brookings	1.06	+0.73	0.28	−0.12	0.55	−0.27	1.67	−0.42	2.86	−0.65	5.65	+1.90	3.77	+1.54	1.41	−1.41	1.28	−0.77	0.96	−0.48	0.10	−0.48	1.12	+0.57	20.21
Canton	0.80	+0.31	0.31	−0.10	0.57	−0.89	0.29	−1.07	2.16	−2.01	4.23	−0.70	5.82	+1.96	0.17	−2.98	1.83	−0.58	0.46	−1.53	.....	.....	0.71	+0.11	.....
Castlewood	0.43	.....	0.44	.....	1.16	.....	0.83	.....	2.05	.....	4.25	.....	3.38	.....	0.62	.....	2.52	.....	0.95	.....	0.22	.....	0.46	.....	16.76
Centerville	0.43	−0.09	0.65	−0.03	0.71	−0.83	0.46	−1.16	3.43	−0.76	5.45	+0.91	7.04	+2.54	0.99	−2.76	3.05	+0.41	0.16	−1.85	0.05	−0.62	1.28	+0.50	23.70
Chamberlain	1.94	+1.72	0.42	+0.10	0.27	−0.93	1.43	−0.54	3.07	+0.32	0.56	−2.60	6.21	+3.88	0.87	−2.27	0.50	−0.85	1.18	−0.09	T	−0.32	0.32	−0.11	16.27
Cherry Creek	0.64	+0.50	0.53	+0.44	0.19	−0.48	0.75	−0.33	3.10	+1.17	0.85	−2.34	4.97	+3.23	0.91	−1.77	1.00	−0.27	0.72	+0.20	T	−0.31	0.45	+0.08	14.11
Clark	1.36	+1.00	0.44	+0.05	0.87	−0.39	0.77	−1.24	3.02	−0.30	2.98	−1.52	3.60	+0.94	0.83	−2.14	2.11	−0.53	1.17	−0.39	0.13	−0.54	0.38	−0.12	17.66
Clear Lake	1.10	+0.98	0.56	+0.21	1.30	+0.78	0.15	−1.82	2.26	−2.60	5.06	−0.64	3.67	−0.32	1.85	−3.01	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clifton	0.50	.....	0.15	.....	T	.....	.....	.....	4.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T	.....	0.40	.....	.....
De Smet	1.30	+0.90	0.45	−0.04	0.19	−1.12	0.84	−1.62	3.30	+0.42	5.10	+1.25	4.04	+1.48	0.05	−2.61	0.96	−1.08	0.90	−0.80	0.10	−0.58	0.45	−0.23	17.68
Elk Point	0.44	−0.12	1.12	−0.11	0.25	−1.18	0.36	−2.24	1.23	−3.16	4.80	+1.10	5.42	+2.73	T	−3.70	.....	.....	.....	.....	T	−1.03	1.15	+0.31	.....
Fairfax	0.90	+0.52	1.07	+0.93	0.12	−0.68	0.47	−2.03	2.49	−1.50	3.21	−1.49	4.79	+1.54	0.52	−2.42	.....	.....	.....	.....	.....	.....	.....	.....	.....
Farmingdale	.....	.....	.....	.....	.....	.....	0.35	−1.24	6.74	+3.89	2.38	−1.16	3.93	+1.75	0.35	−0.85	1.96	+0.69	0.04	−0.60	.....	.....	.....	.....	.....
Faulkton	1.40	+1.15	0.80	+0.95	0.82	−1.02	0.78	−2.26	4.27	+1.93	1.50	−2.15	2.64	+0.24	1.15	−1.26	1.66	+0.21	1.70	+0.54	T	−0.41	0.25	−0.11	16.92
Flandreau	0.87	+0.50	0.32	−0.17	0.85	−0.79	1.94	−0.56	2.40	−1.66	7.46	+3.20	5.66	+2.92	1.54	−1.93	2.63	+0.45	0.78	−1.06	0.03	−0.81	0.45	−0.18	24.32
Forestburg	1.74	+1.28	0.44	−0.07	0.10	−1.19	1.74	−0.95	4.16	+1.40	3.91	−0.19	5.27	+2.78	0.40	−2.02	1.41	−0.30	T	−1.66	T	−0.53	0.60	+0.12	19.77
Fort Meade	0.60	−0.16	0.40	−0.29	0.30	−1.23	0.85	−1.54	10.95	+7.11	8.10	+4.62	6.23	+4.04	0.04	−1.82	1.40	+0.61	0.00	−1.06	0.00	−0.61	0.33	−0.26	29.20
Frederick	1.57	.....	0.68	.....	0.38	.....	0.57	.....	3.17	.....	2.65	.....	1.79	.....	0.20	.....	1.25	.....	0.60	.....	T	.....	0.26	.....	13.12
Gannvalley	2.00	+1.69	0.30	−0.15	0.33	−0.82	0.88	−1.05	3.10	−0.06	2.86	−1.57	6.72	+3.86	0.54	−2.69	1.39	+0.10	0.07	−1.07	T	−0.38	.....	.....	.....
Greenwood	1.35	+0.82	1.06	+0.63	0.25	−0.97	1.12	−1.93	2.01	−1.15	5.33	+1.73	5.83	+2.48	0.75	−2.35	2.06	−0.11	0.22	−1.68	T	−0.69	0.66	+0.12	20.84
Gregory	1.55	.....	0.30	.....	.....	.....	1.00	.....	5.55	.....	2.10	.....	3.62	.....	1.91	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hermosa	0.75	.....	0.69	.....	0.50	.....	1.24	.....	7.15	.....	4.30	.....	6.24	.....	1.01	.....	1.92	.....	T	.....	0.02	.....	0.34	.....	24.16
Highmore	1.00	+0.80	0.40	+0.23	1.10	+0.02	0.68	−1.22	5.11	+3.06	1.62	−2.03	3.64	+1.01	0.28	−2.17	1.04	−0.41	1.96	+0.93	0.05	−0.40	0.40	+0.04	17.26
Hitchcock	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.06	+0.82	0.31	−2.38	0.98	−0.89	.....	.....	.....	.....	.....	.....	.....
Howard	0.25	0.00	0.30	−0.20	0.28	−0.91	0.52	−1.65	1.78	−0.82	5.21	+0.59	3.55	+0.74	0.02	−2.77	0.98	−1.34	0.21	−1.74	0.15	−0.58	0.52	+0.04	13.77
Howell	0.83	+0.69	0.45	+0.18	0.46	−0.48	0.76	−0.79	5.23	+1.76	2.58	−0.87	2.39	+0.26	0.63	−2.38	1.50	+0.09	1.67	+0.56	0.10	−0.39	0.29	−0.26	16.89
Huron	1.22	+0.78	0.44	−0.18	0.45	−0.44	1.15	−1.79	3.58	+0.57	2.88	−0.67	3.24	+0.30	0.16	−2.48	0.99	−0.70	0.36	−0.98	T	−0.58	0.58	−0.04	15.05
Ipswich	1.78	+1.44	0.60	+0.16	0.77	−0.90	0.92	−1.43	6.01	+1.64	1.50	−2.48	2.76	+0.38	1.60	−1.47	0.79	−1.23	1.73	+0.45	T	−0.42	0.23	−0.06	18.69
Kennebec	2.18	+1.92	.....	.....	.....	.....	1.13	−1.10	3.03	+0.96	1.18	−2.12	4.99	+2.87	0.33	−1.62	1.93	+1.18	.....	.....	T	−0.35	0.45	+0.16	.....
Kidder	1.22	+0.76	0.15	+0.06	0.10	−0.73	0.10	−1.98	1.73	−4.71	8.72	+5.29	1.36	−1.97	0.20	−2.47	0.71	−1.94	2.55	+1.51	0.11	−0.71	1.01	+0.63	17.96
Kimball	1.59	+1.07	0.30	−0.29	.....	.....	1.24	−1.26	2.72	+0.40	1.85	−1.64	6.47	+3.98	1.18	−1.62	1.09	−0.15	1.26	+0.20	0.00	−0.55	0 26	−0.36	.....
La Delle	1.09	+0.36	0.68	+0.32	0.36	−0.79	0.89	−1.58	4.03	+0.68	3.77	−1.10	3.77	+0.31	1.89	−2.29	2.00	−0.75	0.98	−0.88	0.13	−0.38	0.59	−0.03	20.18
Leola	2.95	+2.79	0.60	+0.11	2.50	+2.16	0.50	−2.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Little Eagle	.....	.....	.....	.....	0.45	−0.39	0.41	−0.68	2.63	−0.14	2.62	−1.07	3.01	+1.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marion	.....	.....	0.73	+0.11	0.20	−1.11	1.03	−0.59	2.92	−1.90	6.28	+1.37	3.91	+0.87	T	−3.81	2.54	−1.07	T	−2.37	0.05	−0.74	1.00	+0.30	.....
Mellette	0.54	+0.06	0.30	−0.07	0.55	−0.59	0.58	−1.77	4.17	+1.20	2.10	−1.51	3.18	+0.57	2.56	−0.33	1.56	−0.26	2.14	+0.68	T	−0.51	0.20	−0.12	17.88
Menno	0.65	+0.26	0.48	+0.10	0.17	−1.16	0.85	−0.85	2.32	−1.73	6.32	+1.91	5.59	+1.82	0.28	−2.65	1.24	−1.28	0.03	−2.10	0.02	−0.71	1.04	+0.45	18.99
Milbank	2.50	+2.08	.....	.....	1.15	−0.21	0.78	−1.45	3.83	+0.49	6.06	+1.81	1.76	−1.05	1.63	−1.24	1.58	−0.28	0.91	−0.70	0.14	−0.52	1.01	+0.49	.....
Mitchell	1.05	+0.62	0.44	−0.01	0.38	−0.99	1.68	−1.30	2.21	−0.80	4.25	−0.01	7.45	+4.33	0.22	−2.25	2.59	+0.49	0.28	−1.88	T.	−0.54	0.20	−0.41	20.70
Montrose	.....	.....	.....	.....	0.20	−0.90	1.85	−0.18	3.15	−1.77	8.79	+4.39	6.76	+3.81	0.60	−2.56	5.17	+2.39	0.10	−2.40	0.15	−0.66	0.80	+0.31	.....
Mound City	1.20	+0.49	0.40	+0.26	0.20	.....	0.10	.....	3.01	.....	2.25	.....	1.90	.....	2.16	.....	1.09	.....	1.32	.....	T	−0.53	T	−0.15	18.63
Murdo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.75	.....	.....
Oelrichs	1.00	−0.01	0.70	−0.42	.....	.....	0.80	−1.87	5.95	+3.09	3.85	+0.77	2.82	+0.18	0.33	−0.90	0.62	−0.51	.....	.....	.....	.....	0.80	0.00	.....
Orman	0.91	.....	0.48	.....	0.41	.....	1.45	.....	7.00	.....	3.02	.....	4.69	.....	1.07	.....	2.13	.....	T	.....	T	.....	0.44	.....	21.60
Philip	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pierre	0.85	+0.34	0.45	+0.07	0.10	−0.76	0.62	−1.33	3.42	+1.11	1.22	−2.19	2.74	+0.39	1.76	−0.25	1.96	+0.65	0.56	−0.25	0.05	.....	0.55	.....	.....
Pine Ridge	0.67	−0.48	1.01	+0.72	0.70	−0.05	0.28	−1.18	3.76	+0.71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T	−0.43	0.34	−0.16	14.02
Plankinton	1.21	+0.85	0.65	+0.12	0.22	−1.18	1.20	−1.40	2.08	−0.18	3.97	−0.27	6.41	+3.67	0.30	−2.21	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rapid City	0.31	−0.05	0.47	−0.15	0.14	−0.96	0.79	−1.49	8.09	+4.48	3.24	−0.65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.64	+0.15	.....
Redfield	1.19	+1.07	0.40	+0.06	0.38	−0.42	0.54	−1.46	4.86	+1.52	2.10	−0.89	2.46	−0.40	1.60	−2.49	1.85	−0.51	1.48	+0.09	0.01	−0.45	0.20	−0.26	.....
Rosebud	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.46	+2.86	1.07	−0.91	0.77	−0.22	0.10	−0.72	T	−0.39	0.20	−0.12	16.54
Roslyn	1.09	.....	0.58	.....	0.25	.....	0.38	.....	1.82	.....	3.47	.....	2.08	.....	4.30	.....	0.68	.....	1.26	.....	0.05	−0.54	0.59	−0.42	.....
Rousseau	.....	.....	.....	.....	.....	.....	0.95	.....	2.94	.....	1.29	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.04	.....	0.13	.....	16.08
Seim	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.31	.....	0.87	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Selby	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.90	.....	T	.....	.....	.....	.....
Sioux Falls	1.01	+0.53	0.21	−0.28	0.48	−1.02	0.49	−2.19	2.52	−1.9	5.26	+0.99	6.88	+4.15	0.86	−2.84	2.40	+0.15	0.33	−1.44	0.05	−0.71	0.69	−0.06	20.68
Spearfish	0.68	−0.31	0.38	−0.74	0.15	−1.85	1.07	−1.66	9.39	+6.00	6.71	+2.22	2.88	+0.69	1.08	−0.56	2.71	+1.72	T	−1.47	0.08	−0.50	0.51	−0.34	25.64
Stephan	1.90	+1.44	0.37	+0.05	0.12	−0.41	0.62	−0.78	4.49	+1.07	0.44	−3.09	4.36	+1.39	0.24	−2.62	1.24	−0.11	1.44	+0.31	T	−0.44	0.38	−0.17	15.55
Tyndall	0.95	+0.51	0.15	−0.30	0.30	−1.09	0.84	−2.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermilion	0.50	+0.13	0.90	+0.20	T	−1.49	0.20	−2.00	2.00	−3.17	3.23	−1.21	9.63	+6.34	.....	.....	5.12	+0.03	0.18	−2.46	0.25	−0.61	0.95	+0.26	.....
Watertown	1.85	+1.45	0.93	+0.46	1.74	+0.95	0.61	−1.96	2.71	−0.56	2.80	−0.67	2.57	−0.88	0.39	−3.23	0.96	−1.12	1.36	−0.84	0.00	−0.60	0.80	−0.44	16.72
Wentworth	0.97	+0.65	0.29	−0.10	0.21	−0.89	1.58	−0.86	2.71	−1.00	7.18	+3.53	4.63	+1.94	0.89	−1.99	2.47	0.00	0.44	−1.34	0.08	−0.55	0.66	+0.05	22.11
Wessington Springs	.....	.....	.....	.....	.....	.....	.....	.....	5.53	+3.46	2.17	−0.78	7.05	+4.65	0.46	−1.29	0.80	−0.18	0.19	−0.71	T	−0.52	.....	.....	.....
White Horse	0.87	+0.49	1.02	+0.49	0.24	−0.09	0.11	−0.96	3.76	.....	1.22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wolsey	1.47	+1.03	0.26	−0.24	0.52	−0.80	1.16	−1.27	4.48	+1.88	2.72	−0.97	3.45	−1.23	0.19	−2.22	0.57	−1.01	0.97	−0.24	T	−0.48	0.65	−0.08	16.44
Yankton	0.60	+0.03	0.90	+0.17	0.35	−0.81	0.78	−2.29	4.45	+0.11	6.08	+1.80	7.85	+4.18	1.38	−1.74	2.54	−0.09	0.04	−1.53	0.01	−0.78	0.93	+0.20	25.71

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1906. The use of these normals in this table began in January; for length of record, see page 101. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the Year 1908, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November		December.		Ann
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.
Aberdeen	0.60	−0.25	2.12	+1.29	1.92	−0.20	2.88	−0.61	7.51	+3.74	5.20	+0.83	3.72	+0.70	2.28	−0.88	1.18	−0.68	3.05	+1.29	1.58	+0.67	1.00	+0.20	32.99	+
Academy	0.21	−0.23	1.06	+0.64	0.69	−0.69	2.63	+0.28	6.06	+3.20	6.60	+2.65	2.84	−0.74	1.62	−1.63	1.17	−0.40	1.37	−0.26	0.76	+0.40	1.02	+0.34	26.03	+
Alexandria	0.10	−0.45	0.86	+0.25	0.60	−1.04	3.00	+0.02	6.28	+3.06	8.44	+4.33	2.22	−1.19	0.99	−1.78	2.95	+0.64	2.65	+0.77	1.71	+1.17	0.72	+0.10	30.52	+
Ardmore†	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.00	....	....	....	....	
Armour	0.20	−0.39	1.00	+0.28	1.24	+0.01	1.53	−1.80	6.65	+3.53	7.73	+3.49	1.02	−2.52	2.28	−0.47	2.10	−0.15	2.70	+0.71	1.75	+1.10	0.79	+0.09	28.99	+
Ashcroft	0.40	−0.17	0.80	+0.40	1.85	+0.59	1.42	+0.36	2.87	+0.08	2.46	−0.48	0.82	−0.94	0.92	−0.44	1.48	+0.54	2.24	+1.72	0.30	−0.19	0.50	+0.10	15.56	+
Belle Fourche	....	....	....	....	....	....	....	....	....	....	....	....	0.87	....	0.43	....	0.72	....	1.68	....	0.20	....	1.02	....	....	
Bowdle	0.70	+0.25	1.80	+0.92	1.65	+0.27	2.55	+0.65	2.53	−0.40	4.66	+1.15	6.61	+4.27	3.17	+0.01	0.90	−0.46	1.94	+0.90	1.05	+0.64	1.60	+1.18	28.66	+
Brookings	0.20	−0.17	1.80	+1.40	1.16	+0.35	2.24	+0.18	6.46	+3.49	6.85	+2.50	4.69	+2.38	2.37	−0.38	3.89	+1.88	1.43	+0.06	1.30	+0.75	0.42	−0.15	32.31	+
Burke	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.59	....	....	
Canton	0.20	−0.31	....	....	....	....	3.03	+0.82	....	....	....	....	....	....	0.85	−2.09	2.04	−0.33	2.35	+0.49	0.96	−0.05	0.57	−0.04	....	
Cascade Springs	0.75	....	0.17	....	0.90	....	1.05	....	4.93	....	6.34	....	2.57	....	0.27	....	0.40	....	2.51	....	T	....	0.57	....	20.46	
Castlewood	0.15	....	0.86	....	0.72	....	2.07	....	3.20	....	6.55	....	1.88	....	1.23	....	1.98	....	1.17	....	1.36	+0.49	0.16	−0.18	21.33	
Centerville	0.10	−0.41	1.10	+0.43	0.99	−0.47	4.19	+2.67	6.91	+2.79	8.20	+3.57	4.61	−0.12	3.19	−0.31	1.34	−1.34	1.92	+0.08	1.32	+0.71	0.93	+0.11	34.80	+
Chamberlain	0.10	−0.27	0.54	+0.22	0.68	−0.43	1.15	−0.76	3.24	+0.46	4.90	+1.97	2.26	−0.46	4.23	+1.77	0.42	−0.86	1.35	+0.09	1.24	+0.95	0.60	+0.18	20.71	+
Clark	0.40	−0.03	1.79	+1.40	1.76	+0.52	2.89	+0.95	3.18	−0.12	5.80	+1.41	1.20	−1.52	1.43	−1.43	2.33	−0.28	1.90	+0.36	2.40	+1.76	1.10	+0.61	26.18	+
Clear Lake	0.20	−0.16	....	....	....	....	4.43	+2.91	6.60	+2.39	8.53	+2.99	2.75	−1.17	2.51	−1.75	2.52	−0.73	1.05	−1.16	1.35	+1.03	0.50	....	....	
Clifton	0.10	....	....	....	0.50	....	1.00	....	....	....	....	....	3.37	....	....	....	....	....	4.08	....	....	....	....	....	....	
De Smet	0.10	−0.36	1.25	+0.77	1.25	+0.01	1.54	−0.82	4.25	+1.34	3.38	−0.55	2.43	−0.22	1.38	−1.12	....	....	3.05	+1.40	1.37	+0.73	0.30	−0.37	....	
Elk Point	0.18	−0.37	1.35	+0.14	0.67	−0.62	0.94	−1.41	4.47	+0.43	2.61	−1.21	2.21	−0.78	2.55	−0.74	2.01	−3.33	1.98	−0.37	0.60	−0.33	....	....	....	
Eureka	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.95	....	0.66	....	1.51	....	0.93	....	0.40	....	....	
Fairfax	0.20	−0.31	0.60	+0.26	0.67	....	1.47	−0.63	5.68	+1.94	10.59	+6.19	4.30	+0.74	3.30	+0.84	1.90	+0.42	....	....	1.05	+0.49	0.87	+0.82	....	
Farmingdale	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.43	+0.30	0.80	−0.52	2.63	+2.04	....	....	0.26	−0.01	....	
Faulkton	0.17	−0.18	0.96	+0.48	1.41	−0.35	2.09	−0.74	3.96	+1.48	3.58	+0.09	4.91	+2.49	2.49	+0.17	0.61	−0.86	1.92	+0.72	1.49	+1.12	0.58	+0.23	24.17	+
Flandreau	0.10	−0.30	2.09	+1.61	1.52	+0.42	3.08	+0.61	9.07	+5.10	4.96	+0.53	4.47	+1.57	3.08	−0.28	1.81	−0.40	2.14	+0.41	1.72	+0.92	0.78	+0.11	34.77	+
Forestburg	0.30	−0.28	1.48	+0.97	0.81	−0.41	1.32	−1.31	....	....	4.21	+0.15	4.78	+2.13	1.87	−0.43	2.90	+1.21	2.20	+0.68	2.06	+1.56	1.00	+0.51	....	
Fort Meade	0.10	−0.66	1.00	+0.32	1.15	−0.33	2.80	+0.47	3.98	−0.12	1.87	−1.78	0.50	−1.83	....	....	0.58	−0.23	2.20	+1.16	0.32	−0.27	1.70	+1.12	....	
Frederick	0.50	....	1.69	....	0.90	....	1.29	....	3.86	....	6.22	....	3.62	....	2.69	....	1.06	....	1.81	....	1.64	....	0.45	....	25.78	
Gannvalley	....	....	....	....	0.75	−0.31	2.18	+0.37	2.30	−0.86	....	....	5.10	+1.40	3.19	+0.26	0.93	−0.37	0.78	−0.25	1.10	+0.80	1.00	+0.47	....	
Greenwood	0.25	−0.34	1.09	+0.62	0.94	−0.21	1.67	−1.24	3.72	+0.64	8.68	+4.76	2.67	−0.85	4.69	+1.75	1.92	−0.24	2.45	+0.67	1.01	+0.37	0.92	+0.37	30.01	+
Hermosa	0.18	....	0.18	....	1.19	....	0.32	....	6.63	....	4.36	....	1.55	....	1.38	....	1.12	....	1.57	....	T	....	1.04	....	19.52	
Highmore	0.10	−0.16	0.93	+0.74	0.60	−0.28	1.55	−0.27	2.68	+0.43	5.78	+2.27	2.49	−0.19	3.53	+1.21	0.62	−0.81	2.19	+1.13	1.39	+0.98	0.31	−0.05	22.37	+
Howard	0.20	−0.05	0.75	+0.26	1.35	+0.22	2.15	+0.10	5.82	+3.27	5.50	+0.84	6.58	+3.73	3.15	+0.52	2.86	+0.13	1.87	+0.03	1.67	+1.03	0.39	−0.10	31.79	+
Howell	0.04	−0.22	0.61	+0.32	0.62	−0.04	1.87	+0.44	3.79	+0.03	4.49	+1.19	1.36	−0.81	3.22	+0.75	0.45	−0.98	1.84	+0.64	1.43	+1.01	0.28	−0.22	20.26	+
Huron	0.19	−0.32	1.17	+0.73	1.24	+0.25	1.45	−1.20	5.47	+2.55	6.94	+3.16	4.12	+1.18	1.38	−1.26	1.39	−0.30	2.82	+1.42	1.50	+0.92	1.00	+0.38	28.67	+
Ipswich	....	....	....	....	1.33	−0.26	1.54	−0.67	4.10	−0.42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Kennebec	T	−0.39	0.48	+0.19	....	....	....	....	4.08	+1.95	5.33	+2.17	0.47	−1.83	3.31	+1.46	0.36	−0.51	3.78	+2.88	0.86	+0.53	0.80	+0.50	....	
Kidder	0.42	−0.02	1.95	+1.86	2.36	+1.72	1.20	−0.39	2.15	−3.11	5.50	+0.75	3.94	+1.10	1.50	−0.55	2.59	+0.48	3.72	+2.38	2.11	+1.43	0.42	−0.09	27.86	+
Kimball	0.02	−0.55	0.59	+0.01	0.66	−0.28	1.98	−0.46	4.97	+2.63	5.36	+1.95	3.58	+0.91	3.70	+0.97	0.90	−0.33	1.04	−0.03	1.01	+0.48	0.68	+0.06	24.69	+
La Delle	0.15	−0.61	1.44	+1.05	1.36	+0.29	3.08	+0.75	4.88	+1.47	7.81	+3.04	....	....	2.72	−1.25	1.72	−0.96	3.62	+1.84	3.03	+2.55	0.76	+0.14	....	
Lemmon	....	....	....	....	....	....	....	....	2.95	....	3.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
Leslie	0.23	+0.05	0.20	+0.07	1.69	+1.05	0.50	−0.55	2.26	+0.24	3.74	+0.73	1.10	−0.91	1.35	−1.18	0.85	−0.40	2.85	+2.31	0.20	−0.08	0.20	−0.18	15.17	+
Little Eagle	....	....	....	....	....	....	2.30	+1.30	2.94	+0.18	2.47	−1.04	....	....	....	....	....	....	....	....	....	....	....	....	....	
Manderson	....	....	....	....	....	....	....	....	....	....	1.82	....	1.85	....	0.99	....	0.40	....	3.60	....	0.18	....	0.85	....	....	
Marion	0.31	−0.05	1.46	+0.82	1.40	+0.31	1.91	+0.38	5.75	+1.25	5.80	+0.75	7.51	+4.34	1.94	−1.32	1.02	−2.44	2.16	+0.18	1.42	+0.78	0.78	+0.04	31.46	+
Mellette	0.18	−0.31	1.08	+0.72	0.63	−0.26	2.42	+0.23	4.34	+1.29	4.82	+1.31	4.72	+2.08	2.72	−0.15	0.43	−1.87	3.76	+2.26	1.16	+0.70	0.74	+0.43	27.20	+
Menno	0.13	−0.28	0.95	+0.56	1.26	+0.04	1.72	+0.09	4.70	+0.80	6.27	+1.70	2.82	−1.10	2.30	−0.41	1.13	−1.28	2.58	+0.62	1.71	+1.04	0.57	−0.06	26.14	+
Milbank	0.47	−0.09	4.04	+3.48	2.33	+1.18	4.00	+1.90	5.42	+2.08	4.70	+0.84	1.47	−1.27	1.86	−0.94	2.05	+0.20	1.81	+0.24	2.60	+1.97	2.55	+2.00	33.50	+
Mitchell	0.20	−0.27	1.49	+1.04	0.97	−0.38	3.24	+0.36	9.53	+6.56	7.31	+3.07	2.81	−0.61	2.58	+0.27	2.23	+0.09	2.45	+0.47	2.48	+1.98	0.85	+0.27	36.14	+
Montrose	0.15	−0.04	1.80	+0.93	0.65	−0.16	2.85	+0.34	8.96	+4.22	6.26	+1.42	7.98	+4.65	1.80	−1.04	2.80	−0.22	2.41	+0.15	....	....	....	....	....	
Murdo	....	....	....	....	1.55	....	....	....	2.95	....	4.65	....	1.73	....	1.22	....	0.14	....	3.65	....	0.29	....	0.95	....	....	
Oelrichs	0.30	−0.71	0.10	−1.08	0.40	−1.44	0.90	−1.17	5.02	+1.99	4.05	+0.92	3.40	+1.25	1.55	+0.37	0.20	−0.90	2.70	+1.48	0.00	−0.70	0.38	−0.42	19.00	−
Orman	0.20	....	0.19	....	1.48	....	2.10	....	2.58	....	2.17	....	1.91	....	0.67	....	0.65	....	1.96	....	0.02	....	1.00	....	14.93	
Ottumwa	....	....	....	....	....	....	0.76	....	4.26	....	2.94	....	0.98	....	0.46	....	0.17	....	2.10	....	0.53	....	0.54	....	....	
Philip	0.10	....	0.10	....	0.62	....	0.59	....	4.98	....	....	....	2.54	....	1.62	....	0.17	....	4.54	....	0.20	....	0.96	....	....	
Pierre	0.22	−0.24	0.46	+0.02	1.23	−0.10	1.41	−0.57	3.98	+1.85	1.88	−1.20	8.04	+0.69	2.32	+0.31	0.26	−0.85	3.21	+2.40	0.49	+0.06	0.60	+0.10	19.10	+
Plankinton	0.17	−0.25	0.85	+0.31	1.02	−0.24	1.28	−1.21	5.57	+3.32	9.22	+4.99	1.77	−1.19	3.36	+0.98	2.17	+0.27	2.14	+0.29	1.30	+0.95	1.05	+0.55	29.90	+
Pollock	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.40	+0.29	....	
Rapid City	0.22	−0.22	0.12	−0.34	1.14	+0.09	0.78	−1.52	5.46	+2.55	4.28	+0.69	1.26	−1.29	0.87	−1.24	2.67	+1.41	2.09	+0.99	0.01	−0.45	0.78	+0.27	19.63	+
Redfield	0.20	−0.02	0.90	+0.55	1.05	+0.29	1.03	−0.84	3.97	+0.99	4.53	+1.62	2.52	−0.30	2.11	−1.73	0.58	−1.71	2.32	+0.92	0.83	+0.48	0.85	+0.04	20.39	+
Rosebud	0.57	−0.26	0.20	−0.43	1.05	−0.27	0.86	−1.56	6.50	+4.26	3.57	+0.72	2.31	−0.49	1.85	−0.06	0.01	−0.96	3.55	+2.78	0.96	+0.43	1.03	+0.07	22.48	+
Roslyn	0.13	....	1.02	....	0.80	....	2.09	....	2.32	....	3.98	....	1.93	....	3.44	....	1.28	....	2.01	....	1.38	....	0.47	....	20.85	
Running Water†	....	....	....	....	....	....	1.42	....	4.33	....	6.89	....	6.98	....	2.71	....	1.35	....	1.83	....	....	....	....	....	....	
Selby	0.85	....	1.18	....	1.00	....	....	....	2.40	....	2.86	....	3.53	....	2.06	....	0.95	....	2.00	....	....	....	1.15	....	....	
Sioux Falls	0.15	−0.86	1.55	+1.07	1.05	−0.39	2.10	−0.45	7.75	+3.43	7.08	+2.75	5.90	+2.94	1.89	−1.15	1.44	−0.82	1.96	+0.27	1.62	+0.90	0.55	−0.20	38.04	+
Spearfish	0.10	−0.68	0.50	−0.58	2.07	+0.18	3.19	+0.55	4.05	+0.33	1.37	−3.25	1.00	−1.22	0.80	−0.81	1.32	+0.23	1.33	−0.06	0.60	+0.05	1.85	+0.52	17.68	−
Stephan	0.05	−0.77	0.51	+0.17	1.24	−0.81	1.55	+0.34	2.57	−1.07	4.74	+1.96	2.65	−0.67	3.11	+0.91	0.55	−0.77	2.35	+1.16	0.98	+0.63	0.56	+0.10	20.86	+
Tama	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.20	....	0.53	....	0.72	....	....	
Vale	....	....	....	....	1.65	....	1.47	....	4.85	....	4.18	....	1.50	....	0.88	....	0.96	....	2.10	....	0.20	....	0.91	....	....	
Vermillion	0.10	−0.29	1.35	+0.63	0.88	−0.42	3.65	+1.67	4.00	−0.78	6.68	+2.48	6.88	+2.53	1.27	−1.92	1.77	−3.32	2.98	+0.75	0.92	+0.15	1.10	+0.37	31.58	+
Watertown	0.25	−0.25	1.40	+0.89	1.20	+0.35	3.25	+0.82	3.06	−0.19	6.12	+2.51	0.88	−2.50	2.37	−1.02	1.82	−0.17	1.48	−0.19	1.50	+0.92	0.47	+0.08	23.80	+
Wentworth	0.16	−0.20	1.52	+1.13	0.94	−0.10	1.26	−1.13	6.81	+3.16	6.83	+2.97	4.93	+2.13	3.32	+0.56	2.79	+0.32	1.69	0.00	1.65	+1.06	0.53	−0.08	32.43	+
Wessington Springs	0.10	−0.28	0.96	+0.41	0.94	−1.16	1.78	−1.49	4.60	+2.10	7.20	+3.42	4.25	+1.46	....	....	1.08	+0.07	3.08	+2.19	1.07	+0.59	....	....	....	
Wolsey	0.12	−0.38	1.62	+1.14	1.65	+0.39	1.02	−1.32	4.50	+1.31	5.06	+1.44	3.38	+1.07	....	....	....	....	....	....	....	....	....	....	....	
Yankton	0.12	−0.44	0.99	+0.41	1.08	−0.06	2.14	−0.66	3.84	−0.06	5.03	+0.76	4.27	+0.75	3.34	+0.22	1.02	−1.43	2.29	+0.72	1.40	+0.61	0.87	+0.14	26.39	+

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1907. The use of these normals in this table began in January; for length of record, see page 101. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the Year 1909, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	1.35	+0.52	0.90	0.00	0.88	-1.22	0.40	-3.06	4.43	+0.45	2.77	-1.65	4.51	+1.45	3.06	-0.06	2.95	+0.22	0.85	-0.98	1.18	+0.28	3.00	+2.19	25.38	-1.86
Academy	0.43	+0.01	0.94	+0.46	0.24	-1.07	0.88	-1.49	5.32	+2.14	1.57	-2.64	2.20	-1.35	4.60	+1.50	0.66	-0.87	1.12	-0.49	1.62	+1.22	1.80	+1.09	21.38	-1.45
Alexandria	0.58	+0.05	1.40	+0.78	0.15	-1.44	0.94	-2.05	6.30	+2.94	5.57	+1.26	1.90	-1.46	4.64	+1.95	1.77	-0.37	1.87	-0.05	1.92	+1.32	1.49	+0.88	28.53	+3.61
Andover															3.50		2.73		2.44							
Ardmore	1.60		0.60		0.90		5.27						2.09		2.20		0.45		0.38		1.00		2.25			
Armour	0.15	-0.41	0.87	+0.12	0.90	-0.33	1.87	-1.87	4.92	+1.57	4.02	-0.47	2.77	-0.60	4.79	+2.07	1.02	-1.22	1.85	-0.19	1.75	+1.01	1.65	+0.95	26.56	+1.63
Ashcroft	1.20	+0.64	1.10	+0.68	1.00	-0.39	1.60	-0.09	3.67	+0.78	3.04	+0.13	3.92	+2.22	0.73	-0.60	1.66	+0.62	T.	-0.62						
Belle Fourche	0.17		0.33		T.	-1.40	0.55	-1.39	5.67	+2.77	5.66	+2.07	4.26	+1.64	1.82	-1.34	1.73	+0.42			0.65		0.79		13.54	
Bowdle	0.60	+0.13	1.30	+0.86	T.	-1.40	0.55	-1.39	5.67	+2.77	5.66	+2.07	4.26	+1.64	1.82	-1.34	1.73	+0.42	1.71	+0.31	0.65	+0.06	1.14	+0.57	22.34	+1.72
Brookings	1.10	+0.74	1.57	+1.10	0.37	-0.45	1.16	-0.91	4.75	+1.60	2.29	-1.68	2.44	+0.02	3.39	+0.66	1.77	-0.33	1.27		1.05		1.85			
Burke					0.36		1.17		2.12		1.85		3.45		3.40		3.25	+0.96	1.31	-0.59	2.39	+1.38	1.68	+1.06		
Canton	0.78	+0.29	1.72	+1.32	0.37	-1.02					9.40	+4.52	3.66	-0.31	2.27	-0.53	1.25		1.10		1.50		1.65		20.06	
Cascade Springs	1.55		1.13		0.87		0.75		4.55		3.65		1.54		2.59	+0.66	1.02	-1.34	1.55	+0.03	0.73	-0.26	0.85	+0.59	24.84	+4.74
Castlewood	0.42	+0.18	0.31	-0.12	0.20	-0.55	0.33	-0.95	2.46	-0.45	5.93	+0.73	3.42	+1.22	7.84	-1.64	5.85	+3.20	1.52	-0.33	2.81	+2.14	2.42	+1.59	37.40	+9.68
Centerville	0.56	+0.08	2.37	+1.66	0.84	-0.57	2.01	+0.30	5.08	+0.73	6.91	+1.99	5.16	+0.44	4.51	+1.92	0.66	-0.56	1.16	-0.11	1.21	-0.85	1.61	+1.18		
Chamberlain	0.38	+0.03	0.70	+0.36	T.	-1.08	0.48	-1.36			0.63	-2.54	1.40	-1.28	4.60	+1.82	0.95	-1.63	2.56	+1.00	1.25	+0.51	1.77	+1.24	25.45	+2.65
Clark	0.5	+0.37	1.21	+0.73	0.45	-0.82	0.25	-1.74	3.01	-0.26	3.44	-1.02	5.15	+2.52	7.24	+3.27							1.56	+1.00		
Clear Lake	0.90	+0.57	1.03	+0.63	0.20	-0.52	0.85	-1.25			4.18	-1.96	2.37	-1.36												
Cottonwood													4.18		0.30		1.13		0.26		0.41		0.58			
Daviston									5.30		2.55		2.63		2.59		2.36		1.07		0.50		0.50			
Deadwood							4.40		11.15		6.52		4.70		1.25		2.86		1.85		0.80		3.40			
Deerfield															1.26		1.79		0.64		0.64		0.91			
De Smet	0.76	+0.26	1.75	+1.22	0.20	-1.04	0.30	-2.01	2.85	-0.14	2.72	-1.18	1.80	-0.78	5.25	+2.82	0.78	-0.92	1.53	-0.20	0.60	-0.09	1.20	+0.56	19.95	-1.50
Dowling							0.29		2.29		6.09		0.64		0.90		1.67		0.99		1.93		1.30			
Dumont									10.61		9.65		3.57		3.12		2.04		0.52		0.82		4.90			
Elk Mountain															1.58				2.15	-0.16	3.20	+2.30	0.93			
Elk Point			1.82	+0.59	0.70	-0.52			2.37	-1.71	3.32	-0.36	7.15	+4.32												
Ellingson											2.59		2.48		2.32								3.67			
Englewood									11.56		8.39		3.79		7.00		1.92		1.36		0.34		2.40		15.21	
Eureka	0.30		0.45		0.14		0.56		2.65		3.35		2.16		1.39		1.25		0.17		0.45					
Fairfax	0.46	+0.01	1.00	+0.52	0.41	+0.11	1.02	-0.95	3.57	-0.50	3.34	-2.10	4.85	+1.17	2.66	-0.10	0.68	-0.88								
Farmingdale							0.02	-1.49	2.65	-1.10	5.05	+1.59	1.59	-0.73	0.82	-0.54	1.09	+0.20	1.04	+0.32						
Faulkton	0.36	+0.04	0.60	+0.06	0.14	-1.62	0.63	-2.15	4.66	+2.08	2.03	-1.47	6.19	+3.61	3.46	+1.13	1.51	+0.16	0.59	-0.66	1.33	+0.87	1.46	+1.09	22.98	+3.12
Flandreau	0.82	+0.43	1.00	+0.44	0.37	-0.75	1.68	-0.83	3.77	-0.46	4.26	-0.20	2.55	-0.43	3.58	+0.23	1.54	-0.65	1.26	-0.49	2.00	+0.82	2.23	+1.60	25.04	+0.04
Forestburg	0.94	+0.37	2.00	+1.44	T.	-1.20	0.65	-1.91	4.49	+1.65	3.68	-0.41	1.83	-0.94	1.95	-0.33	1.19	-0.57	1.75	+0.15	1.40	+0.82	1.45	+0.93	21.33	0.00
Fort Meade	0.12	-0.01	0.13	-0.57	0.42	-1.05	2.23	-0.12	10.20	+6.10	8.53	+4.94	3.19	+0.93	2.30	-1.50	1.50	+0.70	0.50	-0.56	1.70	+1.12	1.31	+0.69	30.12	+10.07
Frederick			0.84		0.06		0.74		3.76		0.93		4.51		1.79		1.19		0.45		0.89					
Gannvalley	1.20	+0.70	0.70	+0.37	0.15	-0.88	0.93	-0.92	2.00	-1.05	1.19	-2.75	2.02	-1.81	4.64	+1.04	1.13	-0.14	1.00	-0.01	1.70	+1.32	2.60	+2.03	19.52	-1.66
Greenmont									13.96		7.49		4.99		1.39		3.34		1.66		0.68		3.42			
Greenwood	0.25	-0.31	1.40	+0.89	0.67	-0.45	1.14	-1.69	3.51	+0.39	2.40	-1.84	5.31	+1.85	2.31	-0.74	1.12	-1.03	1.80	-0.03	1.60	+0.93	1.90	+1.33	23.41	-0.73
Hardy Ranger Sta.											5.66		2.63		1.13		2.61		1.12		0.97		5.16			
Harvey's Ranch															1.56		1.66		1.24		0.73		3.15			
Hermosa	0.35	-0.01	0.28	-0.09	0.14	-0.62	0.10	-0.63	5.54	-0.32	5.21	+1.41	3.11	+0.06	0.90	-1.35	1.05	-0.64	0.59	-0.32	1.01	+0.91	0.53	-0.41	16.90	-1.98
Highmore	0.26	+0.01	0.34	+0.10	0.13	-0.93	0.30	-1.51	4.72	+2.44	1.69	-1.97	1.81	-1.86	3.92	+1.53	1.70	+0.32	1.04	-0.11	0.71	+0.23	1.01	+0.65	17.63	-0.11
Hill City									5.90		7.71		2.42		1.78		1.16		0.85		0.94		0.39			
Hitchcock															4.65	+2.13										
Hopewell																	1.37		0.04		1.74		2.64			
Howard	0.36	+0.11	0.92	+0.42	0.17	-0.97	0.85	-1.21	3.93	+1.19	3.25	-1.46	4.68	+1.02	4.26	+1.60	1.35	-0.66	1.97	+0.13			1.18	+0.70		
Howell	0.42	+0.19	0.41	+0.07	0.20	-0.65	0.22	-1.27	4.51	+0.74	2.50	-0.99	5.62	+3.56	3.89	+1.13	1.74	+0.46	1.12	-0.18	0.58	+0.01	1.49	+1.02	22.60	+4.11
HURON	0.60	+0.09	1.55	+1.11	0.21	-0.78	0.61	-1.03	3.84	+0.92	0.95	-2.83	3.42	-0.52	2.37	-0.27	1.35	-0.31	2.50	+1.16	1.34	+0.76	1.37	+0.75	19.14	-1.96
Ipswich	0.21	-0.26	0.65	+0.22	0.38	-1.19	0.40	-1.75	5.04	+0.55	1.07	-1.66	2.42	+0.01	3.41	+0.49	0.48	-1.43	0.25	-1.07	0.62	+0.23	0.79	+0.51	15.75	-6.35
Kadoka											2.42		1.91		2.06		1.27		0.51		0.56		0.74			
Kennebec	0.50	+0.14	0.90	+0.60	0.20	-0.72	1.10	-1.06	1.59	+1.34	1.60	-1.69	0.41	-1.78	5.59	+3.36	0.55	-1.45	2.80	+1.06	1.10	+0.18	2.07	+1.74	19.33	+3.37
Kidder	0.11	-0.33	0.15	-0.00	0.15	-0.84	0.94	-0.57	2.50	-2.14	1.53	-3.37	2.28	-0.78			0.96	-0.96	2.32	+1.25	1.05	+0.50	1.22	+0.59	20.17	+0.60
Kimball	0.54	0.00	0.60	+0.02	T.	-1.13	0.76	-1.66	4.47	+2.02	1.27	-2.23	2.54	-0.17	4.44	+1.67			3.24	+1.31	1.75	+0.56	1.95	+1.32		
La Delle	0.74	+0.03	0.66	+0.18	0.20	-0.89	0.37	-2.02	4.42	+0.89	3.71	-1.31	4.74	+1.75	4.26	+0.40			1.41		0.80		3.51			
Lead					0.06		2.97		12.38		7.70		4.01		2.79		2.36		0.80		0.70		0.90		15.55	
Lemmon	0.10		0.52		T.		0.45		4.77		2.52		2.99		1.51		0.29									
Leslie	0.20	+0.02	0.65	+0.52	0.10	-0.61	0.45	-0.57									0.96	-0.37	0.30	-0.41						
Manderson	1.00				0.96	+0.22	0.85	-0.44																		
Marion	0.58	+0.23	1.05	+0.89	0.64	-0.50	2.37	+0.79	5.05	+0.97	7.92	+2.77	2.71	-1.00	3.34	+0.24	1.63	-1.52	2.67	+0.62	3.78	+3.00	2.33	+1.59	34.67	+7.48
Marston																					1.67		1.22			
Mellette	0.24	-0.22	0.37	-0.06	0.37	-0.70	0.28	-1.93	6.75	+3.63	3.49	-0.19	4.43	+1.67	3.36	+0.52	1.46	-0.26	1.59	-0.06	0.78	+0.26	1.12	+0.77	24.17	+3.42
Menno	0.52	+0.13	2.70	+2.32	0.44	-0.79	1.45	-0.18	4.06	+0.99	4.44	-0.26	3.26	-0.55	2.97	+0.30	2.26	-0.05	1.80	-0.21	2.42	+1.67	1.76	+1.13	29.64	+3.47
Milbank	0.71	+0.16	1.34	+0.55	0.18	-1.27	0.53	-1.67	4.86	+1.32	1.46	-2.92	2.18	-0.49	3.45	+0.70	1.55	-0.31	2.95	+1.38	0.74	0.00	2.86	+2.14	22.69	-0.41
Mitchell	0.70	+0.25	1.50	+0.98	0.16	-1.12	1.37	-1.53	6.17	+2.78	3.49	-0.97	2.28	-1.10	4.80	+2.47	1.87	-0.27	2.16	+0.15	1.65	+0.89	1.66	+1.00	27.62	+3.53
Murdo	0.40		0.50		0.45		2.75		3.49		3.04		0.99		1.78		0.63		0.30		0.60		2.05		16.98	
Oelrichs	1.45	+0.48	0.55	-0.53																	1.00	+0.34	1.00	+0.23		
Orman	0.20		0.16		0.18		1.34		4.08		5.07		1.33	-1.10	0.51	-0.69	1.13	-0.22	0.48	-0.30	0.41	+0.09	1.30	+0.58	16.19	
Ottumwa	0.80		0.50		0.20		0.39		2.37		3.10		0.69		1.00		2.61		0.33		1.10		1.10		12.59	
Pierre	0.27	-0.19	0.42	-0.02	0.02	-1.31	0.68	-1.30	2.75	+0.62	1.39	-1.69	0.73	-1.63	3.03	+1.02	1.19	+0.08	0.17	-0.64	1.24	+0.81	1.10	+0.60	12.99	-3.64
Plankinton	0.65	+0.25					0.88	-1.53	4.29	+1.85	2.78	-1.73	2.04	-0.85	1.47	+0.55	1.22	-0.70	2.20	+0.33	1.99	+1.56	1.87	+1.33		
Pollock	0.40	-0.15			0.20	-0.14			2.70		5.96		3.60		1.11		1.11				0.70	+0.30				
Rapid City	0.10	-0.34	0.31	-0.15	0.09	-0.96	0.45	-1.85	4.13	+2.23	2.34	+3.93	1.80	-0.75	0.49	-1.62	1.66	+0.40	0.88	-0.22	0.93	+0.47	1.00	+0.54	20.38	+1.69
Redfield	0.49	+0.25	0.60	+0.20	0.10	-0.68	0.10	-1.70	3.76	+0.70	3.64	+0.80	4.82	+2.03	3.08	-0.60	1.56	-0.58	1.65	+0.17	1.05	+0.66	1.65	+1.33	22.50	+2.38
Rochford																	1.51		0.73		0.64		1.34			
Rosebud	0.60	-0.21	1.35	+0.95	0.85	-0.45	1.45	-0.86	3.58	+1.05	2.60	-0.31	2.04	-0.73	1.23	-0.68	1.07	+0.18	0.23	-0.73	1.85	+1.28	3.30	+2.32	20.35	+1.51
Roslyn	0.42		0.16		0.33		0.87	-1.77	2.95	-0.48	1.80	-1.86	2.88	+0.75	3.06	-1.96	2.33	+0.88	2.55	+1.01	0.80	-0.01	1.74	+1.35	19.89	
Running Water							1.49		6.41		4.52		2.97		2.26		2.52		1.95							
Savoy							3.27		10.26		5.93		3.30		1.55		2.06		1.09		0.85		3.02			
Selby	0.51		0.99		0.26		0.25		5.12		3.79		2.78		2.01		1.19		0.79		1.26		1.58		20.55	
Sioux Falls	1.32	+0.84	2.65	+2.11	0.58	-0.54	1.53	-0.99	4.90	+0.38	8.35	+3.67	4.78	+1.67	4.05	+1.07	2.00	-0.22	1.50	-0.20	2.40	+1.64	1.95	+1.21	36.02	+10.54
Spearfish	T.	-0.93	0.37	-0.66	0.25	-1.65	1.72	-0.95	5.80	+2.06	5.67	+1.23			0.71	-0.85	2.03	-0.92	0.52	-0.87	0.57	+0.02	0.75	-0.11		
Stephan	0.28	-0.39	0.48	+0.11	0.03	-0.56	0.43	-0.85	2.99	-0.47	2.07	-1.11	1.95	-1.23	3.11	+0.72	1.24	+0.07	0.60	-0.70	0.91	+0.44	1.42	+0.94	15.59	-3.03
Tama	0.21		0.81		0.32				4.53		2.02		2.44		0.30		1.54		0.57		1.04		1.26			
Vale	0.05		0.26		0.11		0.72		4.01		7.02		2.16		1.25		1.61		1.05		0.43		1.07		19.74	
Van Metre					T.																					
Vermilion	0.90	+0.55	2.06	+1.30	1.05	-0.20	3.51	+1.36	5.38	+0.69	6.90	+2.89	7.15	+2.44	5.17	+2.30	3.93	-0.69	2.51	+0.18	4.53	+3.74	1.92	+1.15	45.63	+15.11
Waters' Ranch													2.02		1.09		2.41		0.39		0.90		1.49			
Watertown	1.09	+0.61	0.67	+0.10	0.10	-0.78	0.35	-2.14	4.56	+1.33	3.23	-0.54	3.35	+0.19	4.55	+1.22	0.54	-1.47	1.65	+0.01	1.14	+0.52	1.72	+1.32	22.94	+0.35
Wentworth	0.96	+0.61	1.51	+1.06	0.37	-0.67	1.67	-0.66	4.24	+0.42	4.68	+0.66	3.49	-0.43	4.50	+1.71	1.37	-1.12	1.85	+0.16	1.49	+0.83	1.67	+1.07	26.80	+3.64
Wessington Springs	0.57	+0.21	1.26	+0.67					3.12	+0.38	2.89	-1.20	2.06	-0.84	3.75	+0.70	1.56	+0.59	1.42	+0.40	1.03	+0.50				
White Lake			1.17		0.15		0.60		5.00		1.40				2.55	+0.01	c.70		1.00		0.74		2.09			
Yankton	0.77	+0.21	1.75	+1.17	0.75	-0.39	1.74	-1.06	4.93	+1.03	5.50	+1.23	5.31	+1.72	3.76	+0.44	3.67	+1.22	2.22	+0.65	2.50	+1.71	1.90	+1.17	34.53	+9.10

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1908. The use of these normals in this table began in January: for length of record, see page 5. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the Year 1910, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	0.52	−0.34	1.20	+0.30	0.80	−1.24	3.28	−1.02	1.40	−2.60	3.00	−1.33	1.07	−2.06	2.47	−0.65	1.20	−0.64	1.07	−0.73	0.20	−0.71	0.25	−0.67	15.46	−11.67
Academy	1.10	+0.68	0.18	−0.32	0.46	−0.75	1.39	−0.84	1.76	−1.62	4.19	+0.32	2.88	−0.52	1.31	−1.89	2.00	+0.54	0.36	−1.20	0.15	−0.35	0.86	+0.06	16.67	−6.02
Alexandria	1.58	+1.05	T.	−0.66	0.38	−1.15	2.00	−0.89	1.36	−2.13	1.68	−2.68	3.12	−0.17	0.99	−1.78	1.45	−0.86	1.00	−0.93	0.15	−0.52	0.35	−0.30	14.06	−11.01
Ardmore	0.30		1.05		0.80		1.00								0.43		1.50		0.90		0.30					
Armour	1.71	+1.19							2.25	−1.20	1.65	−2.81	3.75	+0.41	0.40	−2.45	1.50	−0.66	0.90	−1.13			0.84	+0.68		
Belle Fourche	0.62		0.23				1.10		1.64		1.84		1.01		1.25		2.69		0.63		0.16		0.04			
Brookings	1.08	+0.69	0.40	−0.12	0.35	−0.45	3.34	+0.31	0.87	−2.35	1.85	−2.04	1.68	−0.74	2.40	−0.30	0.90	−1.13	0.38	−1.01	0.17	−0.47	0.10	−0.49	13.64	−8.05
Burke	1.05				0.50																					
Camp Crook							1.11	+0.03	0.66	−1.68	1.37	−1.55	0.52	−1.30	1.08	−0.24	4.30	+1.29	0.35	−0.93	T.	−0.48	0.20	−0.31		
Canton	0.55	+0.04	0.30	−0.19	0.05	−1.26	1.99	−0.28	1.04	−2.98	1.52	−3.66	3.09	−0.89	4.76	+1.49	4.12	+1.72	1.13	−0.73	T.	−1.11	0.05	−0.02	18.10	−8.47
Casc.de Springs	1.30		0.53		1.00		0.83		2.20		1.38		3.14		0.30		1.59		3.66		0.41		0.95		16.19	
Castlewood	0.25	−0.03	0.10	−0.33	0.59	−0.09	1.63	+0.58	0.45	−2.25	4.55	−2.43	1.62	−0.89	2.42	−0.92	1.31	−0.71	0.45	−1.08	0.38	−0.56	0.27	−0.16	12.39	−8.97
Centerville	1.03	+0.55	0.22	−0.63	0.26	−1.06	1.34	−0.42	1.69	−2.72	2.21	−2.87	3.50	−1.26	2.35	−1.00	2.50	−0.32	1.30	−0.32	0.09	−0.75	0.13	−0.82	16.64	−11.84
Chamberlain	1.00	+0.64	T.	−0.37	0.50	−0.50	0.81	−0.92	0.90	1.92	5.62	+2.64	3.30	+0.63	1.67	−1.06	2.36	+1.18	0.54	−0.72			0.61	+0.09		
Clark	1.05	+0.60	0.47	−0.08	0.67	−0.60	1.77	−0.12	1.19	−2.09	3.15	−1.37	1.73	−1.04	3.52	−0.35	1.38	−1.13	1.16	−0.45	0.56	−0.31	0.57	−0.08	16.02	−6.89
Cottonwood	0.66		0.07		0.76		1.06		2.54		1.30		1.11		0.48		0.82		0.32		0.53	+0.31	0.30	−0.40	9.95	
Crow Creek											3.96		2.42		1.40		0.52		0.56		0.84		0.56			
Davison	0.95		0.68		1.69		0.45		0.67		1.44		0.15		1.74		2.05				0.34		T.			
Deadwood	2.97		1.10		3.00		3.50		3.55		1.90		1.40		1.50		3.60		2.45		1.60					
Deerfield	0.98		0.06		1.18		1.06		1.94		0.86		2.51		0.79		0.63		0.54		0.34		0.30		12.17	
De Smet	2.60	+1.58	0.60	0.00	0.70	−0.48	1.92	−0.26	0.70	−2.28	1.80	−2.03	1.07	−1.47	3.13	+0.54	0.93	−0.98	0.80	−0.92	0.35	−0.33	0.34	−0.34	14.34	−7.02
Dowling	1.60		0.17		1.10		1.20		2.35		3.43		1.96		0.91		1.00		0.36		0.34		0.10		13.01	
Dumont	4.59		1.17		3.04		4.67		2.94		1.26		2.70		1.18		1.56		1.52		0.90		1.64		26.97	
Elk Mountain	1.16		1.02		0.73		0.84		3.05		0.46		3.61		0.23		1.17		0.40		0.25		0.56		13.44	
Elk Point	1.20	+0.69							2.35	−1.58			2.15	−1.15	2.24	−0.96			1.10	−1.19			0.05	−0.82		
Ellingson	0.43																									
Englewood	2.38		0.53		2.82		2.77		2.65		1.07		0.87		1.70		3.40		1.20		2.00		1.70		23.19	
Eureka	0.60		1.70		1.23		0.82		0.42		3.80		0.53		2.60		3.65		0.18		T.		0.25		15.78	
Fairfax					0.10	−0.22															0.15	−0.50	0.80	+0.54		
Faulkton	0.21	−0.13	0.28	−0.05	1.50	−0.13	1.81	−0.84	0.83	−1.88	2.42	−0.99	6.64	−3.17	2.84	+0.44	1.00	−0.42	0.26	−0.95	0.16	−0.36	0.38	−0.06	12.53	−7.54
Flan reau	0.70	+0.30	0.10	−0.05	0.55	−0.53	2.15	−0.51	1.85	−2.36	2.49	−1.95	1.80	−1.16	2.43	−0.93	1.96	−0.19	1.08	−0.65	0.22	−0.08	0.10	−0.61	15.53	−9.16
Forestburg	2.64	+2.05	0.4	−0.22	0.25	−0.88	1.38	−1.09	1.07	−1.86	2.09	−1.98	3.87	+1.13	2.14	−0.12	1.56	−0.17	0.65	−0.98	0.10	−0.53	0.50	−0.07	16.65	−4.70
Fort Meade	1.57	−0.14	0.10	−0.57	1.55	+0.11	2.00	−0.31	2.70	−1.61	1.70	−2.05	1.62	−0.67	1.44	−0.31	3.49	+2.06	0.52	−0.52	1.06	+0.44	0.13	−0.52	16.88	−3.52
Frederick	0.48				1.34	+0.89	1.70	+0.92	0.62	−2.98	1.75	−1.52	0.79	−2.52			1.67	+0.70								
Gannvalley	1.27	+0.70	0.3	−0.16	T.	−0.95	1.35	−0.41	1.96	−1.03	5.65	+1.80	2.83	−0.85	5.51	+2.40	1.82	+0.50	0.55	−0.46	0.20	−0.30	1.00	+0.26	22.61	+1.56
Greenmont	1.85		2.08		3.86		7.68		2.17		1.64		1.97		3.15		1.81		1.94		1.32		1.11		30.58	
Greenwood	1.00	+0.46	0.08	−0.49	0.32	−0.79	0.64	−2.08	2.53	−0.61	1.52	−2.60	3.72	+0.15	0.78	−2.23	2.58	+0.49	1.07	−0.75	0.14	−0.55	1.15	+0.50	15.53	−8.53
Hardy Ranger Station	3.41		0.6		2.33		2.78		3.31		1.35		2.93		1.15		2.16		1.50		1.55		1.23		23.40	
Harvey's Ranch	3.89		0.57		3.73		2.00		3.14		1.77		2.85		1.15		2.11		1.40		1.40		1.62		25.68	
Hermosa	0.7	+0.36	0.07	−0.25	1.05	+0.45	0.45	−0.21	3.73	−2.40	0.51	−3.64	3.42	+0.35	0.63	−1.28	0.37	−1.16	0.39	−0.44	0.21	−0.10	0.30	−0.54	11.34	−8.89
Highmore	0.82	+0.57	0.19	−0.08	0.58	−0.43	1.40	−0.32	1.00	−1.42	3.74	+0.20	0.84	−1.78	0.66	−1.81	0.89	−0.51	0.34	−0.90	0.41	−0.11	0.44	+0.04	11.21	−6.52
Hill City	0.39		0.06		0.95		0.69		2.95		0.70		3.82		0.67		0.99		0.62		0.62		0.73		12.04	
Hitchcock									1.26		3.23		1.60				0.75	−1.03	1.62	−0.20	0.35					
Hopewell	2.46		1.53		1.00		0.95		1.42		1.78		1.30		1.01		0.73		0.30		0.40		0.40		13.38	
Howard	1.43	+1.7	0.36	−0.26	0.60	−0.48	1.30	−0.68	1.40	−1.40	1.93	−2.69	1.87	−0.87	1.10	−1.09	0.90	−0.95	0.19	−0.52	0.29	−0.23				
Howell	1.31	+1.06	0.36	+0.03	0.35	−0.39	0.99	−0.34	0.99	−2.87	2.05	−0.70	1.61	−0.89	0.58	−2.24	0.70	−0.63	0.47	−0.80	0.29	−0.28	0.60	0.00	10.95	−8.05
HURON	1.49	+0.98	0.2	−0.21	0.10	−0.89	0.89	−1.76	1.05	−1.67	2.54	−1.24	0.48	−2.46	1.43	−1.21	1.00	−0.69	0.32	−0.82	0.17	−0.41	0.29	−0.33	10.19	−10.91
Ipswich	0.30	−0.14	1.14	+0.67	1.05	−0.44	1.50	−0.50	0.65	−3.88	2.98	−0.51	1.20	−1.21					0.15	−1.08	0.08	−0.33	0.50	−0.02		
Kadoka	0.82		0.06		1.30		0.46		1.77		1.74		0.86				1.50		1.10		0.24		0.18		11.19	
Kennebec	1.70	+1.33	0.14	+0.01	0.40	−0.47	1.06	−1.04	1.30	−1.48	3.29	+0.09	1.42	−0.67	1.08	−1.16	1.45	+0.62	0.63	−0.36	0.23	−0.19	0.50	+0.17	13.50	−2.65
Kidder	0.54	+0.17	0.85	+0.34	0.80	−0.05	1.8	+0.41	1.00	−3.26	1.95	−2.39	1.83	−1.10	2.95	+1.0	0.25	−1.64	0.03	−0.91	0.23	−0.38				
Kimball	0.58	+0.05	0.49	−0.09	0.09	−0.99	0.81	−1.54	0.91	−1.63	2.70	−0.74	4.52	+1.82	1.34	−1.60	2.33	+1.13	0.59	−0.58	0.01	−0.56	0.42	−0.23	14.70	−4.87
La Delle	0.79	+0.08	0.22	−0.27	0.48	−0.55	1.87	−0.36	1.67	−1.93			3.72	−0.48	2.95	−0.94	1.10	−1.54	0.97	−1.06	0.51	−0.20	0.45	−0.28		
Lead	2.38		0.43		2.18		3.59		2.14		1.36		1.52		1.87		3.13		1.48		1.38		0.56		21.80	
Lemmon	0.80		1.30		0.20		0.54		0.77		1.87		0.15		1.45		3.37		0.51		T.		0.15		11.01	
Leslie			T.	−0.17					0.98	−1.68																
Marion	3.79	+3.40	0.27	−0.52	0.31	−0.90	0.48	−1.19	1.85	−3.95	3.51	−1.91	2.89	−0.71	1.17	−1.95	2.99	+0.01	1.24	−0.88	0.10	−1.01	0.56	−0.36	18.99	−9.06
Marston	0.95		0.26		1.20		0.32		0.81		5.44		2.62		0.27		0.55		0.19		0.24		0.30	−0.44	12.60	
Mellette	0.34	−0.10	0.19	−0.23	0.48	−0.54	0.89	−1.17	1.18	−2.17	1.65	−1.93	0.73	−2.13	2.95	+0.06	0.71	−1.00	1.03	−0.62	0.39	−0.25	0.35	−0.05	10.78	−10.13
Menno	1.57	+1.17	0.26	−0.36	0.40	−0.77	1.06	−0.56	1.39	−2.56	1.29	−3.39	1.68	−2.12	1.17	−1.52	3.33	+1.02	0.91	−1.08	0.85	−0.83	0.33	−0.38	13.44	−11.46
Milbank	0.80	+0.24	0.65	−0.17	0.35	−1.06	2.12	0.00	0.43	−3.12	3.33	−0.89	1.91	−2.74	3.58	+0.59	0.81	−1.03	1.62	+0.97	0.28	−0.46	0.40	−0.38	17.08	−4.99
Mitchell	2.04	+1.57	0.07	−0.51	0.32	−0.89	1.27	−1.53	1.38	−2.18	1.95	−2.42	2.04	−1.38	2.96	+0.50	1.57	−0.80	0.57	−1.45	0.11	−0.58	0.40	−0.36	14.73	−9.59
Murdo	1.70		0.20		2.04		0.50		1.55		1.40		0.65		1.35		1.58		1.10		0.30		0.14		12.49	
Oelrichs	0.30	−0.70	0.48	−0.59	1.00	−0.76	0.75	−1.26	0.66	−2.47	2.50	−0.68	3.10	+0.88			1.20	+0.15	1.05	−0.27			0.20	−0.09		
Orman	1.66	+0.30	0.05	−0.23	0.78	+0.09	1.54	−0.08	1.61	−2.94	1.96	−1.44	0.85	−1.25	0.95	−0.08	2.98	+1.68	0.72	−0.14	0.34	−0.01	0.07	−0.80	12.91	−4.64
Ottumwa	1.40		0.90		1.00		0.46		1.72		1.51		0.57		0.91		1.23		0.40		T.		0.40		10.50	
Pierre	0.94	+0.46	0.14	−0.30	1.53	+0.30	0.59	−1.30	0.81	−1.32	2.52	−0.56	1.86	−0.47	0.60	−1.41	1.13	+0.02								
Plankinton	1.00	+0.58	0.21	−0.31	0.30	−1.04	0.84	−1.46	2.39	−0.26	3.58	−0.83	1.69	−0.96	3.75	+1.38	2.24	+0.36	0.60	−1.29	0.03	−0.51	0.63	0.00	17.30	−4.44
Pollock			0.61	+0.05	1.10	+0.80	0.20		0.30	−1.80	1.00	−2.52	0.25	−2.80	1.00	−0.60	4.62	+3.34	0.35	−3.15	0.02	−0.44	0.30	+0.13		
Rapid City	0.89	+0.45	0.14	−0.37	1.73	+0.68	0.74	−1.36	2.76	−0.15	0.92	−2.67	5.76	+3.31	0.59	−1.52	1.79	+0.53	0.41	−0.69	0.45	−0.01	0.21	−0.25	16.39	−2.30
Redfield	1.10	+0.86	0.20	−0.21	0.25	−0.47	0.85	−0.82	1.04	−2.07	2.10	−0.99	1.81	−1.15	1.99	−1.04	0.97	−1.17	1.52	+0.02	0.10	−0.34	0.10	−0.32	11.98	−8.30
Rochford	1.08		0.03		1.60		1.41		2.46		0.75		3.50		0.77		0.64		0.70		0.25		0.28		13.50	
Rosebud	1.75	+0.96	0.35	−0.32	2.40	+1.14	0.92	−1.34	0.91	−1.68	2.33	−0.55	2.32	−0.40	1.09	−0.77	1.28	+0.38	0.76	−0.16	0.47	−0.21	0.82	−0.32	15.40	−3.27
Rosebud Agency																			0.10							
Roslyn	0.62	+0.07	0.86	+0.27	0.29	−0.17	2.22	+0.77	0.50	−2.80	4.54	+1.35	1.35	−0.95	5.40	+0.92	1.46	−0.21	0.89	−0.91	0.44	−0.37	0.48	−0.32	19.07	−2.20
Savoy			0.57		2.68		3.15		3.19		1.43		1.28													
Selby	0.51		0.83		1.48		0.84		1.01		2.91		0.86		2.53		3.77		0.23	−1.00	T.		0.23		15.24	
Sioux Falls	1.54	+1.01	0.12	−0.53	0.35	−1.02	1.48	−0.99	2.23	−2.31	1.45	−3.24	3.15	−0.05	3.40	+0.37	3.38	+0.17	0.64	−1.05	T.	−0.85	0.15	−0.65	16.89	−9.14
Spearfish	0.53	−0.35	0.24	−0.78	1.40	−0.42	1.72	−0.90	1.70	−2.14	2.15	−2.35			1.44	−0.08	3.48	+2.33	1.34	−0.01	0.58	+0.03	0.26	−0.60		
Stephan	0.65	+0.08	0.21	−0.18	0.05	−0.45	1.17	+0.03	1.12	−2.26	3.73	+0.74	2.14	−0.84	0.76	−1.75	0.67	−0.51	0.12	−1.17	0.17	−0.35	0.63	+0.02	11.45	−6.64
Tama	1.18		0.22		1.13		0.66		1.65		1.67		0.79		0.48		1.40		0.11		0.38		0.10		9.68	
Tyndall																							0.66	+0.04		
Vale	0.88		0.17		0.95		1.94		1.75		2.84		1.57		1.32		3.22		0.58		0.19		0.12		15.53	
Vermillion	0.95	+0.55	0.25	−0.65	0.08	−1.15	0.90	−1.37	2.41	−2.35	1.94	−3.00	3.26	−1.76	4.81	+1.61	3.07	−1.46	1.57	−0.79	0.05	−1.15	0.08	−0.82	19.38	−12.34
Waters' Ranch	0.80		0.30		0.73		2.21		1.92		1.09		0.73		3.35		4.11		1.59		0.88		0.53		17.44	
Watertown	T.	−0.58	0.40	−0.18	T.	−0.83	2.75	+0.40	3.1		2.78	−0.96	3.16	−0.04	3.17	−0.23	1.20	−0.67	1.05	−0.61	0.30	−0.35	0.20	−0.28		
Wentworth	1.58	+1.19	0.24	−0.27	0.15	−0.85	1.64	−0.65	1.54	−2.30	1.40	−2.26	2.47	−0.43	2.83	−0.06	2.24	−0.19	0.72	−0.96	0.13	−0.57	0.18	−0.48	15.52	−7.85
White Lake	1.13		0.30		0.04		0.50		1.16		3.55		2.18		1.75		2.26		1.09		T.		0.20		14.19	
Vipner					0.59		1.21		1.28		1.79		1.31		1.43		1.12		0.70				1.05			
ankton	1.16	+0.60	0.21	−0.37	0.39	−0.75	0.62	−2.18	2.12	−1.78	1.85	−2.42	3.87	+0.35	3.37	+0.25	4.72	+2.27	1.64	+0.07	0.02	−0.77	0.36	−0.37	20.33	−5.10

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1909. The use of these normals in this table began in January; for length of record, see page 8. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the Year 1911, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	0.65	—0.19	1.37	+0.43	0.98	—1.00	2.17	—1.09	4.23	+0.36	1.03	—3.24	5.33	+2.30	5.32	+2.24	2.79	+0.98	2.17	+0.42	1.72	+0.84	1.00	+0.12	28.76	+2.17
Academy	0.15	—0.13	0.80	+0.28	0.23	—0.92	3.41	+1.24	2.35	—0.89	2.49	—1.50	3.61	+0.25	2.67	—0.41	2.81	+1.31	4.11	+2.64	0.34	—0.13	0.60	—0.21	23.57	+1.53
Alexandria	0.10	—0.48	0.40	—0.22	0.70	—0.78	1.96	—0.89	1.15	—2.25	2.31	—1.94	2.25	—1.03	2.50	—0.20	2.41	+0.03	4.65	+2.77	.....	.....	.....	.....	.....	.....
Ardmore	0.40	.....	0.40	.....	0.60	.....	.....	.....	.....	.....	1.63	.....	1.07	.....	3.32	.....	0.63	.....	.....	.....	.....	.....	0.65	.....	.....	.....
Armour	.....	.....	.....	.....	0.60	—0.60	2.50	—0.18	3.53	+0.15	2.70	—1.58	2.00	—1.36	2.43	—0.27	1.50	—0.62	5.80	+3.85	.....	.....	0.55	—0.23	.....	.....
Bellefourche	0.20	.....	0.03	.....	0.35	.....	0.42	.....	0.68	.....	0.57	.....	0.43	—0.69	1.99	—0.32	0.78	—0.71	0.33	—0.58	1.14	+0.80	1.11	+0.52	8.04	.....
Brookings	0.61	+0.18	0.53	+0.01	0.53	—0.25	1.62	—0.42	1.90	—1.22	3.78	—0.02	3.32	+0.93	3.81	+1.06	3.08	+1.04	5.07	+3.73	0.24	—0.33	0.42	—0.15	24.91	+4.56
Bryant	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.23	.....	0.31	.....	.....	.....
Camp Crook	0.12	—0.48	0.07	—0.37	0.23	—1.05	0.24	—0.84	0.57	—1.67	1.06	—1.86	0.97	—0.79	2.88	+1.59	1.10	+0.02	0.34	—0.23	0.43	—0.03	0.89	+0.60	8.90	—5.11
Canton	0.30	—0.21	0.72	+0.22	0.11	—1.12	1.72	—0.53	1.90	—1.92	1.66	—3.29	.....	.....	.....	.....	1.93	—0.57	4.36	+2.55	T.	—1.03	0.55	—0.09	.....	.....
Cascade Springs	0.43	.....	0.35	—0.19	0.28	—0.64	1.76	+0.88	1.91	—1.98	2.07	—1.72	2.01	—0.41	4.69	+4.33	1.42	—1.34	2.11	+0.02	0.33	—0.31	0.82	—0.24	18.18	.....
Castlewood	0.19	—0.09	0.11	—0.21	0.53	—0.06	0.86	—0.30	1.61	—0.54	2.86	—2.01	2.67	—0.34	3.26	+0.10	2.36	+0.48	3.04	+1.73	0.34	—0.50	0.15	—0.20	18.18	—1.94
Centerville	0.09	—0.44	1.27	+0.43	0.17	—1.11	3.65	+1.92	1.11	—3.11	4.76	—2.13	2.78	—1.89	4.09	+0.81	1.72	—1.08	5.12	+3.34	0.25	—0.53	0.96	+0.07	23.97	—3.70
Chamberlain	.....	.....	.....	.....	0.15	—0.81	2.10	+0.44	2.35	—0.31	1.06	—2.10	2.09	—0.53	.....	.....	.....	.....	2.78	+1.57	.....	.....	.....	.....	.....	.....
Clark	0.94	+0.45	0.75	+0.22	0.89	—0.29	1.35	—0.54	2.68	—0.48	1.72	—2.62	2.35	—0.37	1.76	—1.09	2.18	—0.27	2.73	+1.14	1.54	+0.78	0.90	+0.30	19.79	—2.77
Cottonwood	0.05	.....	0.60	.....	T.	.....	0.85	.....	1.10	.....	0.64	.....	0.59	—2.02	2.41	+1.58	3.59	—2.88	1.15	—0.56	0.72	+0.42	0.61	+0.43	12.31	.....
Crow Creek	0.17	.....	0.96	.....	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Custer	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.12	.....	0.85	.....	1.25	.....	1.40	.....	1.30	.....	.....	.....
Davlaton	0.16	.....	0.45	.....	0.10	.....	0.58	.....	0.40	.....	0.60	.....	0.95	.....	4.19	.....	1.97	.....	1.47	.....	1.99	.....	0.76	.....	13.62	.....
Deadwood	0.50	.....	1.85	.....	2.60	.....	3.65	.....	1.30	.....	2.87	.....	1.40	.....	3.55	.....	1.10	.....	3.80	.....	3.82	.....	2.15	.....	27.99	.....
Deerfield	0.92	.....	0.60	.....	0.52	.....	1.06	.....	0.42	.....	1.03	.....	0.94	.....	2.55	.....	0.55	.....	1.71	.....	1.40	.....	0.43	.....	12.13	.....
De Smet	0.60	—0.07	0.70	+0.19	0.42	—0.73	0.80	—1.38	2.70	—0.16	1.30	—2.43	2.87	+0.40	2.25	—0.37	3.88	+2.03	2.83	+1.16	.....	.....	0.62	—0.04	.....	.....
Dowling	0.05	.....	0.35	.....	0.35	.....	0.98	.....	0.75	.....	0.71	.....	1.65	.....	1.80	.....	2.45	.....	0.75	.....	1.37	.....	0.50	.....	11.71	.....
Dumont	1.80	.....	3.40	.....	2.32	.....	2.02	.....	1.12	.....	1.88	.....	1.06	.....	3.63	.....	0.45	.....	2.65	.....	3.88	.....	3.82	.....	27.83	.....
Eagle Butte	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.67	.....	0.52	.....	.....	.....
Kales	0.37	.....	0.71	.....	0.37	.....	1.12	.....	1.08	.....	1.59	.....	4.49	.....	2.18	.....	1.64	.....	0.72	.....	1.10	.....	0.72	.....	16.09	.....
Edson	.....	.....	.....	.....	.....	.....	0.32	.....	0.25	.....	0.36	.....	1.67	.....	1.06	.....	0.24	.....	1.32	.....	0.21	.....	.....	.....	.....	.....
Elk Mountain	0.50	.....	0.50	.....	0.15	.....	1.04	.....	0.41	.....	1.04	.....	1.27	.....	4.33	.....	0.53	.....	2.06	.....	0.73	.....	0.60	.....	13.16	.....
Elk Point	0.44	—0.14	1.05	—0.22	0.27	—0.90	2.35	+0.14	7.13	—1.67	5.41	+1.75	2.27	—0.93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ellingeon	0.21	.....	.....	.....	.....	.....	0.35	.....	0.69	.....	0.88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Englewood	1.50	.....	3.30	.....	1.70	.....	2.38	.....	0.28	.....	2.55	.....	0.32	.....	3.70	.....	1.30	.....	1.20	.....	4.10	.....	4.85	.....	27.18	.....
Eureka	0.41	.....	0.73	.....	0.67	.....	2.24	.....	0.97	.....	1.29	.....	0.45	.....	3.57	.....	1.15	.....	0.61	.....	0.88	.....	0.80	.....	13.72	.....
Fairfax	0.15	—0.30	0.70	+0.09	0.02	—0.26	2.17	+0.31	.....	.....	.....	.....	.....	.....	2.83	+0.24	1.37	—0.05	6.06	+4.07	0.16	—0.41	0.76	+0.39	.....	.....
Faulkton	0.17	—0.16	0.38	—0.13	0.63	—0.99	1.55	—1.05	2.41	—0.19	1.76	—1.59	1.14	—1.54	3.63	+1.20	2.36	+0.97	1.33	+0.18	0.40	—0.10	0.74	+0.31	16.50	—3.09
Flandreau	0.80	+0.39	0.60	+0.02	0.65	—0.41	2.76	+0.31	1.39	—2.71	3.14	—1.22	2.15	—0.76	3.19	—0.12	4.55	+2.41	5.51	+3.81	0.20	—0.67	0.82	+0.14	25.76	+1.19
Forestburg	0.30	—0.46	0.83	+0.20	0.01	—0.47	1.03	—1.36	1.77	—1.66	1.94	—2.13	3.19	+0.41	4.28	+2.03	2.54	+0.82	3.19	+1.63	0.64	+0.04	0.94	+0.38	21.26	+0.09
Fort Meade	0.17	—0.54	0.45	—0.19	0.70	—0.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frederick	.....	.....	0.50	.....	.....	.....	.....	.....	2.20	.....	.....	.....	.....	.....	.....	.....	2.13	+0.79	0.21	—0.73	4.49	+3.65	.....	.....	.....	.....
Gannvalley	0.70	+0.07	0.90	+0.42	0.20	—0.67	1.30	—0.43	2.98	+0.07	0.71	—3.46	2.71	—0.90	3.19	+0.12	3.55	+2.25	1.75	+0.78	0.30	—0.17	0.50	—0.26	18.79	—2.18
Greenmont	0.94	.....	1.84	.....	1.42	.....	2.15	.....	2.40	.....	3.14	.....	1.75	.....	4.39	.....	1.50	.....	3.47	.....	3.91	.....	2.83	.....	29.74	.....
Greenwood	0.35	—0.22	0.80	+0.24	1.90	+0.84	3.23	+0.63	2.21	—0.90	1.56	—2.41	1.98	—1.60	2.30	—0.58	1.74	—0.37	5.84	+4.06	0.27	—0.42	0.57	—0.10	22.75	—0.83
Hardingrove	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.31	.....	0.38	.....	0.17	.....	0.58	.....	.....	.....
Hardy Ranger Station	1.68	.....	0.86	.....	2.30	.....	1.80	.....	2.03	.....	0.96	.....	1.62	.....	3.51	.....	0.51	.....	3.03	.....	1.83	.....	0.67	.....	21.50	.....
Harveys Ranch	1.13	.....	1.04	.....	1.30	.....	1.12	.....	1.10	.....	1.91	.....	2.02	.....	3.19	.....	2.40	.....	1.31	.....	2.50	.....	2.10	.....	19.12	.....
Hermosa	0.12	—0.31	0.38	+0.07	0.26	—0.43	0.53	—0.19	0.44	—4.83	2.14	—1.29	0.18	—2.96	2.27	+0.62	1.33	+0.04	1.78	+1.04	0.47	+0.18	0.73	0.00	0.64	—7.06
Highmore	0.11	—0.17	0.39	+0.14	0.32	—0.66	2.54	+0.83	1.91	—0.44	0.09	—3.46	2.69	+0.15	2.52	+0.14	3.66	+1.69	1.05	—0.03	0.35	—0.15	0.44	+0.03	15.47	—1.93
Hill City	0.23	.....	0.84	.....	0.54	.....	0.83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hitchcock	.....	.....	.....	.....	.....	.....	.....	.....	2.14	.....	0.48	.....	2.54	.....	2.86	.....	2.09	.....	2.06	.....	.....	.....	.....	.....	.....	.....
Hopewell	0.05	.....	0.52	.....	0.24	.....	1.03	.....	1.16	.....	0.49	.....	2.27	.....	2.75	.....	3.07	.....	0.40	.....	0.85	.....	0.40	.....	13.29	.....
Howard	0.48	+0.16	0.30	—0.20	0.46	—0.60	1.16	—0.78	3.07	+0.34	3.63	—0.84	2.95	—0.16	4.29	+1.59	3.53	+1.39	5.36	+3.56	0.14	—0.54	0.47	—0.04	25.84	+3.88
Howell	0.36	—0.01	1.08	+0.65	0.33	—0.40	0.79	—0.50	2.82	—0.72	0.41	—2.86	2.14	—0.26	4.87	+2.38	2.95	+1.70	1.27	+0.09	0.30	—0.24	0.61	+0.01	17.93	—0.16
HURON	0.17	—0.34	0.74	+0.30	0.45	—0.54	0.57	—2.08	2.97	+0.05	1.82	—1.96	3.26	+0.32	2.82	+0.18	2.10	+0.41	2.36	+1.02	0.26	—0.32	0.50	—0.12	18.02	—3.08
Ipswich	1.05	+0.62	0.80	+0.25	0.10	—1.36	2.80	+0.83	1.66	—2.59	.....	.....	1.69	—0.63	4.11	+1.14	3.65	+1.86	0.74	—0.41	1.40	+1.02	0.48	+0.16	.....	.....
Kadoka	0.06	.....	0.22	.....	0.06	.....	1.65	.....	1.78	.....	1.62	.....	1.48	.....	3.86	.....	1.80	.....	1.23	.....	0.18	.....	0.20	.....	14.14	.....
Kennebec	0.20	—0.24	0.50	+0.15	0.58	—0.26	2.72	+0.69	2.03	—0.29	1.78	—1.42	1.54	—0.52	5.92	+3.84	2.86	+1.99	2.30	+1.33	0.65	+0.24	0.65	+0.21	21.73	+5.72
Kidder	0.66	+0.26	0.26	—0.30	T.	—0.84	1.73	+0.26	3.53	—0.28	2.25	—1.75	4.27	+1.50	2.31	+0.20	.....	.....	.....	.....	1.81	+0.98	0.55	—0.02	.....	.....
Kimball	.....	.....	.....	.....	0.11	—0.93	1.80	—0.49	2.53	+0.06	2.93	—0.44	4.43	+1.66	3.39	+0.61	3.35	+2.10	2.78	+1.68	0.21	—0.34	0.43	—0.21	.....	.....
Lacreek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.52	.....	0.72	.....	.....	.....
La Delle	0.11	—0.61	.....	.....	1.07	+0.08	0.95	—1.26	2.35	—1.11	0.51	—4.41	3.22	—0.34	3.12	—0.71	2.86	+0.37	2.99	+1.03	0.50	—0.22	0.18	—0.53	.....	.....
Lead	0.57	.....	0.93	.....	1.70	.....	1.54	.....	0.84	.....	2.38	.....	1.24	.....	3.36	.....	1.00	.....	2.58	.....	2.67	.....	1.34	.....	20.15	.....
Lemmon	0.45	.....	T.	.....	0.37	.....	0.45	.....	.....	.....	.....	.....	.....	.....	1.08	.....	1.35	.....	1.15	.....	1.18	.....	0.68	.....	.....	.....
Manderson	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.03	—0.33	0.64	—1.32	5.96	.....	1.48	+0.24	2.12	+0.51	0.33	+0.16	0.23	—0.29	.....	.....
Marion	0.33	—0.55	1.28	+0.49	1.07	+0.12	3.54	+1.99	1.84	—3.64	4.63	—0.63	3.25	—0.28	6.92	+3.99	3.36	+0.38	7.73	+5.70	0.34	—0.67	0.91	+0.03	35.20	+6.93
Marston	T.	—0.52	1.00	+0.54	0.05	—0.52	1.53	.....	1.11	.....	0.20	.....	1.30	.....	2.93	.....	2.95	.....	0.78	.....	0.55	—0.07	0.39	—0.24	12.79	.....
Mellette	0.42	—0.01	0.67	+0.25	0.49	—0.49	1.47	—0.51	3.29	+0.06	1.38	—2.10	2.67	—0.08	4.15	+1.26	2.51	+0.86	1.47	—0.14	1.13	+0.61	0.26	—0.14	19.91	—0.43
Menno	0.24	—0.24	0.49	—0.09	0.78	—0.33	3.42	+1.84	1.91	—1.95	1.87	—2.59	2.21	—1.44	3.90	+1.31	1.90	—0.48	5.97	+4.05	0.27	—0.55	.....	.....	.....	.....
Milbank	1.42	+0.85	0.45	—0.34	0.37	—0.92	2.12	0.00	1.52	—1.88	3.84	—0.34	3.18	+0.57	3.08	+0.27	3.19	+1.40	3.70	+2.00	1.28	+0.57	0.65	—0.11	24.80	+2.07
Mitchell	0.84	+0.28	0.70	+0.14	0.68	—0.48	2.14	—0.56	2.05	—1.38	4.65	+0.39	2.69	—0.55	3.56	+1.05	3.19	+1.10	4.82	+2.89	0.06	—0.59	0.55	—0.09	25.93	+2.20
Mobridge	0.12	.....	0.30	.....	0.25	.....	2.55	.....	.....	.....	0.38	.....	0.55	.....	3.48	.....	1.51	.....	0.34	.....	0.95	.....	1.41	.....	.....	.....
Murdo	T.	.....	0.75	+0.27	0.05	.....	2.35	.....	1.72	—0.94	1.05	—1.98	3.50	+2.38	4.75	+3.30	2.20	+1.42	1.66	—0.02	0.90	+0.50	0.45	—0.52	19.38	.....
Oelrichs	0.30	—0.66	0.40	—0.59	0.25	—1.47	1.42	—0.52	0.97	—2.04	2.25	—0.89	0.80	—1.46	3.39	+2.19	1.30	+0.34	1.90	+0.60	0.55	—0.13	0.50	—0.28	14.12	—4.91
Onaka	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.01	.....	3.35	.....	1.06	.....	0.89	.....	1.00	.....	.....	.....
Orman	0.06	—0.52	0.02	—0.16	0.01	—0.70	0.17	—1.44	0.76	—3.06	0.39	—2.67	0.68	—1.22	1.88	—0.87	0.74	—0.89	0.45	—0.38	0.95	+0.61	0.56	—0.15	6.67	—11.45
Ottumwa	0.10	.....	0.70	0.00	T.	.....	.....	.....	.....	.....	T.	.....	0.43	.....	1.32	.....	2.34	+1.00	0.55	—0.38	1.10	+0.56	0.70	+0.02	.....	.....
Parkston	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.98	.....	2.55	.....	7.77	.....	0.79	.....	1.55	.....	.....	.....
Pierre	0.05	—0.41	0.55	+0.11	0.19	—1.14	1.35	—0.63	1.66	—0.47	0.87	—2.21	1.52	—0.83	2.20	+0.19	2.79	+1.68	0.48	—0.33	0.47	+0.04	0.54	+0.04	12.67	—3.96
Plankinton	0.60	+0.14	0.85	+0.29	0.27	—0.90	2.32	+0.11	3.01	+0.49	3.98	—0.39	3.13	+0.33	2.42	—0.11	2.19	+0.29	4.82	+3.01	0.65	+0.15	0.89	+0.26	25.13	+3.67
Pollock	0.20	—0.32	0.39	+0.05	0.11	—0.35	1.52	+1.38	0.85	—0.80	2.01	—1.78	0.35	—2.07	4.20	+2.66	1.73	—0.39	0.95	—0.01	0.80	+0.18	0.29	+0.10	13.46	—0.99
Rapid City	0.11	—0.33	0.43	—0.03	0.44	—0.61	1.34	—0.96	0.50	—2.41	0.73	—2.86	0.68	—1.87	2.01	—0.10	0.92	—0.34	1.21	+0.11	1.40	+0.94	0.78	+0.32	10.55	—8.14
Redfield	0.20	—0.11	0.72	+0.30	0.52	—0.17	1.25	—0.36	1.80	—1.17	0.92	—2.10	3.51	+0.64	2.24	—1.26	2.23	+0.23	1.58	+0.08	0.39	—0.03	0.66	+0.26	16.02	—3.69
Rochford	0.50	.....	0.42	.....	0.84	.....	0.89	.....	0.65	.....	1.77	.....	1.05	.....	3.03	.....	0.44	.....	1.90	.....	1.78	.....	1.04	.....	14.31	.....
Rosebud	1.21	+0.35	0.45	—0.18	0.45	—0.89	.....	.....	.....	.....	0.10	—2.75	1.05	—1.65	3.52	+1.70	1.87	+0.91	2.96	+2.05	1.15	+0.49	0.88	—0.24	.....	.....
Rosebud Agency	.....	.....	.....	.....	.....	.....	.....	.....	1.35	.....	.....	.....	.....	.....	3.79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Roslyn	0.71	+0.15	0.25	—0.32	0.03	—0.39	1.50	—0.10	2.85	+0.11	2.91	—0.55	3.61	+1.48	6.09	+1.38	3.40	+1.77	2.25	+0.64	1.05	+0.32	0.25	—0.41	24.90	+4.08
Running Water	.....	.....	.....	.....	0.55	.....	2.08	.....	2.12	.....	1.08	.....	2.76	.....	2.30	.....	1.88	.....	6.71	.....	.....	.....	.....	.....	.....	.....
Selby	0.23	.....	0.62	—0.28	0.51	—0.40	1.29	.....	0.85	—1.99	1.25	—1.77	1.86	—0.51	3.41	+1.21	1.49	—0.48	0.61	—0.37	0.99	+0.56	0.49	—0.50	13.60	.....
Sioux Falls	0.21	—0.34	1.22	+0.57	0.25	—1.07	3.34	+0.92	1.11	—3.31	2.68	—1.85	4.50	+1.31	8.07	+5.02	3.22	+1.10	6.89	+5.25	1.43	+0.62	1.62	+0.85	34.57	+9.07
Sorum	.....	.....	.....	.....	.....	.....	.....	.....	1.11	.....	.....	.....	0.48	.....	1.73	.....	1.05	.....	0.60	.....	0.42	.....	1.11	.....	.....	.....
Spearfish	0.42	—0.45	0.28	—0.67	0.60	—1.20	1.07	—1.51	0.96	—2.78	2.03	—2.35	0.22	—1.94	2.44	+0.92	0.78	—0.49	0.63	—0.52	2.65	+2.10	1.50	+0.67	13.78	—8.22
Stephan	T.	—0.61	0.59	+0.20	0.18	—0.25	2.52	+1.38	2.15	—0.91	0.88	—2.22	4.17	+1.31	4.29	+2.03	3.61	+2.50	1.83	+0.60	0.51	+0.06	0.25	—0.37	21.01	+3.81
Tama	0.35	.....	0.55	.....	T.	.....	0.46	.....	0.50	.....	0.24	.....	0.39	.....	1.93	.....	1.57	.....	.....	.....	0.74	.....	.....	.....	.....	.....
Timber Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.57	.....	0.84	.....	0.38	.....	.....	.....
Tyndall	0.46	—0.01	0.91	+0.45	0.77	—0.54	4.18	+1.43	2.35	—1.40	1.25	—2.21	2.69	—0.70	3.09	—0.53	2.25	+0.63	7.14	+5.05	0.42	—0.26	0.39	—0.25	25.90	+1.66
Vale	0.36	.....	0.23	+0.01	0.09	—0.81	0.47	—0.91	0.04	—3.50	0.62	.....	0.58	—1.16	2.29	+1.14	0.97	—0.96	1.06	—0.18	1.08	+0.26	0.58	—0.12	8.37	.....
Vermilion	0.16	—0.38	1.30	+0.42	0.25	—0.88	2.21	+0.05	1.35	—3.20	4.16	—0.40	2.03	—2.79	3.19	—0.21	1.51	—2.86	4.69	+2.42	0.02	—1.07	1.22	+0.40	22.09	—8.43
Waters Ranch	0.31	.....	0.54	.....	1.04	.....	0.94	.....	0.85	.....	1.38	.....	0.64	.....	2.48	.....	1.08	.....	0.99	.....	2.06	.....	0.93	.....	13.24	.....
Watertown	0.80	+0.31	0.31	—0.24	0.30	—0.48	0.85	—1.53	2.14	—1.18	1.48	—2.20	1.87	—1.33	2.82	—0.57	1.85	+0.03	4.24	+2.62	0.96	+0.33	0.34	—0.12	17.96	—4.36
Wentworth	0.65	+0.20	0.52	+0.02	0.77	—0.18	2.06	—0.20	1.62	—2.11	3.48	—0.46	3.09	+0.21	5.00	+2.12	5.95	+3.53	6.48	+4.84	0.22	—0.45	0.52	—0.12	30.36	+7.40
Wessington Springs	0.50	+0.12	0.93	+0.25	0.58	—1.41	0.56	—2.54	3.06	+0.28	1.44	—2.55	3.08	+0.24	2.72	+1.01	2.58	+1.57	2.20	+1.15	0.35	—0.22	0.70	+0.09	18.70	—2.01
White Lake	0.05	.....	0.45	.....	0.02	.....	2.46	.....	3.11	.....	3.92	.....	2.91	.....	2.88	.....	2.58	.....	4.33	.....	T.	.....	0.47	.....	23.31	.....
Winner	0.30	.....	.....	.....	.....	.....	4.20	.....	1.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yankton	0.35	—0.31	1.43	+0.85	0.49	—0.65	4.36	+1.56	1.32	—2.48	2.10	—2.17	2.86	—0.66	4.03	+0.91	2.28	—0.17	5.91	+4.31	0.32	—0.47	0.86	+0.13	26.41	+0.08

Monthly and Annual Precipitation for the Year 1912, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	0.34	−0.50	0.30	−0.64	0.90	−1.03	6.85	+3.64	3.34	−0.55	2.73	−1.38	3.81	+0.67	2.84	−0.35	1.72	−0.13	0.22	−1.55	0.10	−0.82	0.37	−0.52	23.52	−3.16
Academy	0.11	−0.34	0.07	−0.45	0.86	−0.22	4.17	+1.91	3.72	+0.55	0.32	−3.56	6.26	+2.88	3.35	+0.30	1.03	−0.57	0.50	−1.16	T.	−0.46	0.28	−0.51	20.67	−1.93
Alexandria	.....	.....	.....	.....	.....	.....	4.28	+1.46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	−0.64	.....	.....
Ardmore	1.12	+0.35	0.30	−0.38	1.35	+0.58	2.15	.....	0.80	.....	.....	.....	2.16	.....	0.83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Armour	0.35	−0.27	0.20	−0.56	1.50	+0.35	.....	.....	.....	.....	0.70	−3.49	.....	.....	3.85	+1.16	1.05	−1.03	.....	.....	.....	.....	.....	.....	.....	.....
Bellefourche	T.	−0.34	0.25	−0.26	0.90	.....	2.05	−0.35	1.54	−0.46	1.03	−0.94	1.76	+0.82	3.14	+2.06	2.57	+1.26	0.80	+0.04	T.	−0.54	T.	−0.72	14.04	.....
Brookings	0.28	−0.15	0.24	−0.28	0.71	−0.06	3.36	+1.34	6.98	+3.92	2.09	−1.71	2.52	+0.09	4.68	+1.88	1.61	−0.47	0.96	−0.54	T.	−0.56	0.20	−0.36	23.63	+3.10
Bryant	0.23	.....	0.09	.....	0.07	.....	4.64	.....	2.78	.....	1.89	.....	4.37	.....	2.55	.....	1.72	.....	0.22	.....	T.	.....	0.20	.....	18.76	.....
Camp Crook	0.29	−0.28	0.04	−0.40	0.38	−0.84	1.59	+0.55	1.63	−0.52	1.35	−1.39	2.38	+0.66	2.33	+0.96	2.01	−0.93	1.26	+0.70	T.	−0.45	0.05	−0.37	13.31	−2.31
Canton	.....	.....	.....	.....	0.80	−0.36	.....	.....	.....	.....	.....	.....	3.47	−0.45	2.00	−0.86	1.55	−0.92	1.15	−0.82	0.00	−0.97	0.20	−0.43	.....	.....
Cascade Springs	0.75	+0.02	0.23	−0.31	2.02	−1.26	2.83	−1.56	0.99	−2.41	2.06	−1.30	3.37	+1.05	1.44	0.00	1.18	+0.02	0.64	−1.46	0.18	−0.38	0.00	−1.00	15.69	−8.59
Castlewood	0.21	−0.05	0.05	−0.27	0.09	−0.49	4.46	+3.35	1.86	−0.40	1.74	−2.80	4.63	+2.24	4.27	+1.09	1.40	−0.56	0.39	−1.21	0.03	−0.74	0.21	−0.11	19.34	+0.05
Centerville	0.56	+0.07	0.41	−0.43	1.09	−0.11	2.39	+0.53	3.00	−1.01	0.73	−4.00	3.52	−1.02	3.02	−0.31	.....	.....	1.24	−0.77	0.00	−0.75	0.41	−0.49	.....	.....
Chamberlain	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.20	−1.96	2.90	+0.28	4.30	+1.64	0.52	−0.74	.....	.....	.....	.....	0.00	−0.52	.....	.....
Clark	0.62	+0.11	0.20	−0.33	0.38	−0.79	4.26	+2.40	1.71	−1.42	2.93	−1.26	6.93	+4.23	2.67	−0.13	1.97	−0.47	0.24	−1.41	T.	−0.80	0.52	−0.09	22.43	+0.04
Cottonwood	0.87	+0.60	0.05	−0.21	0.30	−0.23	3.32	+2.49	1.19	−1.68	0.95	.....	2.42	+0.32	3.44	+2.22	1.30	−0.13	0.11	−1.46	T.	−0.38	0.12	−0.48	14.07	.....
Custer	0.01	.....	0.90	.....	.....	.....	1.73	.....	1.20	.....	1.92	.....	3.16	.....	1.09	.....	1.48	.....	0.31	.....	0.00	.....	0.00	.....	.....	.....
Daviston	0.46	.....	0.37	.....	0.77	.....	1.06	.....	2.25	+0.13	0.26	−1.27	5.45	+4.21	2.11	.....	2.25	.....	0.88	.....	0.00	.....	T.	.....	15.86	.....
Deadwood	0.35	.....	1.78	.....	1.40	.....	4.60	+0.95	1.95	−3.38	2.00	−1.66	3.10	+0.60	3.95	+1.85	4.70	+2.23	1.30	−1.40	0.15	−1.92	1.32	.....	26.60	.....
Deerfield	0.25	.....	0.99	.....	0.88	.....	1.84	.....	1.73	.....	1.37	.....	2.92	.....	1.23	−0.30	1.67	+0.68	0.62	−0.31	0.15	−0.64	0.46	−0.09	14.11	.....
De Smet	0.10	−0.44	0.10	−0.41	0.45	−0.66	6.07	+3.96	2.72	−0.13	1.60	−2.00	4.82	+2.34	4.60	+2.00	1.92	−0.04	0.30	−1.43	0.00	−0.66	T.	−0.66	22.68	+1.87
Dowling	0.50	.....	0.15	.....	0.78	.....	1.65	−0.82	2.12	+0.32	1.38	−2.03	5.13	+4.01	4.98	+1.98	1.92	+0.51	0.35	.....	0.06	−1.15	0.20	−0.43	19.22	.....
Dumont	0.56	.....	2.49	.....	1.65	.....	5.04	+2.22	1.95	−2.95	1.33	−2.93	3.14	+0.68	2.68	+0.04	3.65	+2.49	1.03	−0.69	0.45	−1.42	1.75	−1.70	25.72	.....
Eagle Butte	0.87	.....	0.17	.....	1.09	.....	1.24	.....	1.76	.....	1.41	.....	2.18	.....	3.29	.....	1.76	.....	0.12	.....	T.	.....	0.11	.....	14.00	.....
Eales	0.54	.....	0.30	.....	0.80	.....	1.52	.....	2.34	.....	0.81	.....	2.47	.....	1.86	.....	1.13	.....	T.	.....	T.	.....	0.39	.....	12.16	.....
Edson	0.17	.....	0.12	.....	1.24	.....	1.56	.....	4.44	.....	.....	.....	3.44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elk Mountain	0.75	.....	0.64	.....	1.50	.....	1.53	.....	1.44	.....	0.79	.....	4.42	.....	1.89	−0.16	1.55	+0.30	1.12	+0.13	T.	−0.65	0.50	−0.20	16.13	.....
Ellingson	0.17	.....	0.05	.....	0.26	.....	1.38	.....	2.53	.....	0.62	.....	3.91	.....	0.88	.....	2.16	.....	0.93	.....	T.	.....	0.02	.....	12.91	.....
Englewood	0.20	.....	2.80	.....	3.10	.....	2.28	.....	1.15	−3.68	0.98	−3.02	4.80	+3.14	4.05	−0.08	3.91	+1.70	0.74	−0.51	.....	.....	.....	.....	.....	.....
Eureka	0.25	−0.19	0.40	−0.56	1.05	+0.39	1.29	+0.10	3.37	+2.02	1.50	−1.31	2.19	+1.14	3.27	+0.89	1.43	−0.25	0.07	−0.55	T.	−0.56	0.11	−0.85	14.93	+0.27
Fairfax	0.20	−0.21	0.19	−0.42	1.65	+1.40	2.59	+0.69	3.99	+0.05	0.73	−4.40	5.88	+2.03	4.05	+1.43	1.02	−0.39	0.15	−2.65	T.	−0.51	0.15	−0.28	20.60	−3.26
Faulkton	0.25	−0.07	0.11	−0.40	0.14	−1.42	2.74	+0.20	1.59	−1.00	1.22	−2.04	2.71	+0.11	2.65	+0.16	1.05	−0.40	0.16	−1.00	0.00	−0.49	0.30	−0.15	12.92	−6.50
Flandreau	T.	−0.43	0.24	−0.34	0.90	−0.14	3.85	+1.39	2.94	−1.04	1.22	−3.09	3.51	+0.64	4.13	+0.82	1.86	−0.39	0.80	−1.07	0.00	−0.84	0.50	−0.18	19.95	−4.67
Forestburg	T.	−0.68	0.15	−0.49	0.37	−0.69	4.95	+2.62	1.85	−0.93	2.51	−1.37	3.13	+0.33	3.25	−0.10	1.83	+0.07	0.19	−1.45	0.00	−0.60	0.36	−0.22	18.59	−3.51
Fort Meade	.....	.....	0.31	−0.33	1.19	−0.23	2.90	+0.57	1.91	−2.35	0.70	−2.98	2.78	+0.51	9.15	+7.41	2.50	+1.59	0.80	−0.22	T.	−0.63	1.02	+0.39	.....	.....
Frederick	.....	.....	.....	.....	0.52	−0.15	4.10	−0.29	2.97	+0.25	.....	.....	4.37	+1.69	3.55	+1.99	1.04	−0.30	0.15	−0.61	0.10	−1.66	0.15	−0.84	.....	.....
Greenmont	0.20	.....	1.83	.....	1.50	.....	4.20	.....	1.65	.....	3.27	−0.82	3.80	+0.90	2.80	−0.18	4.97	+2.75	0.61	−1.75	0.10	−1.87	1.31	−1.14	26.24	.....
Greenwood	0.30	−0.26	0.10	−0.46	1.42	+0.31	3.35	+0.72	2.29	−0.77	1.86	−1.98	4.53	+1.03	4.08	+1.23	0.96	−1.13	0.50	−1.50	0.00	−0.67	0.50	−0.17	19.89	−3.65
Hardingrove	0.19	.....	0.46	.....	.....	.....	2.08	.....	2.00	.....	2.13	.....	2.90	.....	3.19	.....	1.55	.....	0.02	.....	0.02	.....	0.02	−0.93	.....	.....
Hardy Ranger Station	0.22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.69	+0.76	4.36	+2.60	0.58	−1.30	0.20	−1.25	1.49	.....	.....	.....
Harveys Ranch	0.96	.....	2.67	.....	0.99	+0.49	7.26	.....	3.09	.....	1.91	.....	4.64	.....	3.42	.....	3.17	+1.73	0.75	−0.55	0.50	−1.04	1.37	−0.92	30.73	.....
Hermosa	0.16	−0.22	0.19	−0.12	1.11	.....	1.55	+0.95	2.49	−1.97	1.76	−1.45	3.62	+0.98	3.28	−1.52	0.89	−0.42	0.29	−0.63	T.	−0.32	0.09	−0.64	15.43	.....
Highmore	0.13	−0.14	0.11	−0.14	0.27	−0.68	1.05	−0.70	2.20	−0.12	1.31	−2.00	1.44	−1.11	3.39	+1.01	0.71	−0.74	0.18	−0.90	0.00	−0.49	0.35	−0.06	11.14	−6.13
Hopewell	0.38	.....	0.04	.....	1.07	.....	1.81	.....	1.13	.....	2.17	.....	2.88	.....	2.59	.....	1.27	−0.55	T.	−0.41	0.00	−0.93	T.	−1.15	13.34	.....
Howard	0.33	0.00	0.11	−0.39	0.25	−0.78	5.21	+3.31	1.65	−1.10	1.20	−3.23	2.85	−0.25	5.06	+2.29	1.66	−0.54	0.39	−1.59	0.00	−0.64	0.22	−0.29	18.93	−3.21
Howell	0.26	−0.11	0.48	+0.05	0.27	−0.42	2.97	+1.73	1.90	−1.57	2.38	−0.61	1.73	−0.65	3.41	+0.66	1.31	−0.13	0.18	−1.01	0.00	−0.52	0.28	−0.32	15.17	−2.90
HURON	0.31	−0.20	0.12	−0.35	0.44	−0.55	3.76	+1.11	2.49	−0.43	1.68	−2.10	3.71	+0.77	2.41	−0.23	1.40	−0.29	0.23	−1.11	T.	−0.58	0.20	−0.42	16.75	−4.38
Ipswich	0.25	−0.19	.....	.....	0.10	−1.27	1.94	−0.09	1.60	−2.48	1.60	−1.85	3.50	+1.22	3.30	+0.24	0.72	−1.37	0.13	−0.99	T.	−0.45	0.35	+0.02	.....	.....
Kadoka	0.18	.....	0.16	.....	0.31	.....	2.86	.....	1.14	.....	0.72	−1.21	3.72	+2.18	3.81	+1.57	1.28	−0.24	T.	−0.95	0.00	−0.33	T.	−0.37	14.18	.....
Kennebec	0.30	−0.13	0.10	−0.25	0.60	−0.23	1.00	−1.07	2.14	−0.17	0.92	−2.21	3.30	+1.27	2.90	+0.63	1.16	+0.19	0.40	−0.64	0.00	−0.42	0.25	−0.20	13.07	−3.23
Kidder	.....	.....	0.04	−0.52	0.06	−0.68	3.30	+1.29	.....	.....	.....	.....	.....	.....	.....	.....	2.93	+0.92	.....	.....	.....	.....	.....	.....	.....	.....
Kimball	0.19	−0.35	0.19	−0.48	0.26	−0.74	2.09	−0.18	2.73	+0.26	0.62	−2.74	3.86	+1.02	4.85	+2.05	0.74	−0.59	0.01	−1.16	0.00	−0.53	0.06	−0.57	15.51	−4.01
Lacreek	0.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.53	.....	3.82	.....	1.83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
La Delle	0.46	−0.22	0.13	−0.34	0.27	−0.73	5.28	+3.16	3.05	−0.34	2.26	−2.35	6.35	+2.82	3.18	−0.60	1.67	−0.84	.....	.....	.....	.....	0.16	−0.51	.....	.....
Lead	0.41	.....	1.21	.....	1.02	−0.26	4.22	+1.52	1.41	−3.71	2.74	−1.07	2.66	+0.40	3.07	+0.40	4.10	.....	1.04	−0.78	0.10	−1.44	0.84	−0.96	22.82	.....
Lemmon	0.98	+0.53	0.12	.....	0.67	+0.48	.....	.....	.....	.....	.....	.....	.....	.....	2.95	.....	3.75	.....	0.87	+0.05	.....	.....	.....	.....	.....	.....
Manderson	0.27	−0.08	0.08	−0.31	0.44	−0.33	3.37	+2.13	0.97	−2.18	1.70	−1.43	.....	.....	2.62	+0.04	1.39	+0.11	1.01	−0.67	0.15	−0.04	0.03	−0.53	.....	.....
Marion	0.41	−0.40	0.50	−0.29	1.31	+0.35	3.88	+2.15	2.47	−1.74	1.53	−3.67	8.00	+4.50	4.39	+1.10	2.11	−0.91	0.78	−1.77	T.	−0.95	0.26	−0.63	25.64	−2.26
Marston	0.11	−0.28	0.10	−0.38	0.09	−0.35	1.85	+0.90	1.12	−1.04	1.06	.....	2.40	+0.17	3.62	.....	1.32	.....	T.	−1.68	0.00	−0.60	0.03	−0.55	11.70	.....
Meadow	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.01	.....	.....	.....
Mellette	0.31	−0.12	0.06	−0.36	0.14	−0.80	4.20	+2.26	1.98	−1.25	1.05	−2.32	3.95	+1.21	2.57	−0.38	1.21	−0.49	0.09	−1.51	0.01	−0.55	0.42	+0.03	15.99	−4.28
Menno	.....	.....	.....	.....	0.88	−0.21	3.40	+1.70	.....	.....	.....	.....	5.12	+1.56	4.47	+1.80	1.73	−0.62	0.80	−1.37	0.00	−0.78	0.40	−0.28	.....	.....
Milbank	0.21	−0.41	0.07	−0.72	0.57	−0.68	4.40	+2.28	3.62	+0.31	1.94	−2.22	5.58	+2.94	3.09	+0.26	1.87	+0.01	0.38	−1.42	0.28	−0.46	0.52	−0.23	22.53	−0.34
Mitchell	T.	−0.58	0.09	−0.47	0.50	−0.63	3.96	+1.29	1.56	−1.80	1.53	−2.75	4.94	+1.73	5.49	+2.92	1.70	−0.45	0.22	−1.87	0.00	−0.62	0.18	−0.46	20.17	−3.69
Mobridge	T.	.....	0.20	.....	0.72	.....	2.65	.....	2.89	.....	0.72	.....	2.85	.....	4.35	.....	1.34	.....	0.15	.....	0.00	.....	0.35	.....	16.22	.....
Murdo	.....	.....	0.05	−0.43	0.50	−0.52	3.55	+1.68	1.60	−0.83	1.30	−1.24	4.13	+2.41	3.15	+0.87	1.10	−0.04	0.30	−1.38	0.00	−0.52	T.	−0.86	.....	.....
Oelrichs	1.70	+0.77	0.51	−0.48	1.52	−0.13	4.26	+2.34	1.40	−1.51	3.08	−0.02	5.24	+3.05	1.84	+0.52	2.13	+1.06	0.90	−0.44	0.75	+0.07	T.	−0.77	23.33	+4.46
Omaha	0.35	.....	0.71	.....	0.39	.....	3.11	.....	2.59	.....	1.41	.....	3.47	.....	3.65	.....	2.41	.....	0.00	.....	0.00	.....	0.40	.....	18.40	.....
Orman	0.07	−0.40	0.18	0.00	0.56	−0.01	2.18	+0.86	2.11	−1.10	0.82	−1.71	3.72	+2.02	2.73	+1.57	3.86	+2.38	0.71	−0.05	0.02	−0.42	0.06	−0.62	17.02	+2.52
Ottumwa	0.45	−0.12	0.30	−0.40	0.85	+0.45	2.72	+1.11	1.23	−1.55	1.07	−0.57	1.98	+0.33	4.50	+3.71	0.84	−0.75	0.12	−0.72	T.	−0.68	0.10	−0.58	13.26	+0.23
Parkston	0.21	.....	0.33	.....	1.44	.....	5.32	.....	2.63	.....	0.22	.....	5.15	.....	4.02	.....	1.15	.....	0.48	.....	0.00	.....	0.51	.....	21.46	.....
Pierre	0.20	−0.26	.....	.....	0.45	−0.88	0.89	−1.09	1.67	−0.46	0.91	−2.17	3.22	+0.87	3.85	+1.84	1.86	+0.75	0.10	−0.71	T.	−0.43	0.01	−0.49	.....	.....
Plankinton	0.20	−0.26	0.11	−0.45	0.74	−0.38	4.71	+2.49	1.88	−0.68	3.88	−0.47	5.52	+2.70	4.84	+2.31	1.06	−0.86	0.10	−1.88	T.	−0.51	0.32	−0.32	23.36	+1.69
Pollock	0.52	+0.05	0.45	+0.11	1.07	−0.67	1.32	+0.83	2.41	+0.92	2.43	−1.01	1.96	0.00	2.31	+0.24	2.21	+0.17	0.29	−0.67	T.	−0.45	0.53	+0.32	15.50	−0.16
Rapid City	0.14	−0.30	0.71	+0.23	1.19	+0.14	1.61	−0.69	2.25	−0.66	0.93	−2.66	6.64	+4.09	2.86	+0.75	0.90	−0.36	0.34	−0.76	0.01	−0.45	0.21	−0.25	17.79	−0.90
Redfield	0.45	+0.15	.....	.....	0.65	−0.03	4.87	+3.29	3.23	+0.34	1.69	−1.19	3.06	+0.14	3.04	−0.37	1.15	−0.87	0.09	−1.41	0.00	−0.42	0.10	−0.31	.....	.....
Rochford	0.44	.....	0.62	.....	1.23	.....	2.23	.....	1.46	.....	1.30	.....	3.02	.....	1.72	.....	2.50	+1.64	0.53	−0.58	0.11	−0.90	0.47	−0.42	15.63	.....
Rosebud	0.65	−0.23	0.85	+0.22	0.88	−0.40	1.57	−0.61	2.26	−0.23	2.19	−0.66	2.97	+0.36	2.06	+0.15	1.41	+0.42	0.83	−0.20	0.02	−0.68	0.70	−0.40	16.39	−2.26
Rosebud Agency	.....	.....	.....	.....	.....	.....	2.72	.....	2.07	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Roslyn	0.12	−0.47	0.07	−0.50	0.22	−0.12	7.77	+6.18	1.87	−0.89	2.38	−0.99	4.88	+2.50	2.47	−2.47	2.19	+0.27	0.04	−1.68	T.	−0.79	0.38	−0.21	22.39	+0.83
Selby	0.48	−0.07	0.12	−0.78	0.71	−0.10	1.10	+0.50	3.67	+1.33	1.06	−1.52	2.76	+0.52	3.58	+1.08	2.10	+0.25	T.	−0.91	0.00	−0.55	0.31	−0.55	15.89	+0.20
Sioux Falls	0.36	−0.21	0.08	−0.57	0.75	−0.52	2.89	+0.43	3.26	−0.99	0.85	−3.59	7.65	+4.40	4.30	+1.02	3.36	+1.10	0.74	−1.15	T.	−0.83	0.39	−0.41	24.63	−1.32
Sisseton	.....	.....	.....	.....	.....	.....	6.84	+4.63	5.43	+1.89	1.33	−2.38	8.02	+4.62	2.33	−1.43	1.32	−3.18	0.60	−1.14	0.04	−0.16	0.08	−0.57	.....	.....
Sorum	0.30	.....	0.28	.....	1.93	.....	1.86	.....	3.24	.....	0.52	.....	4.89	.....	1.82	.....	2.09	.....	1.76	.....	T.	.....	0.29	.....	18.98	.....
Spearfish	0.50	−0.35	0.60	−0.24	.....	.....	2.13	−0.38	0.97	−2.64	1.11	−3.16	2.15	−0.09	4.40	+2.84	3.73	+2.48	1.11	−0.21	0.00	−0.65	0.07	−0.79	.....	.....
Stephan	0.27	−0.27	0.10	−0.29	0.33	−0.07	1.07	−0.24	2.83	−0.11	1.56	−0.26	1.21	−1.81	3.78	+1.27	0.41	−1.01	0.50	−0.72	T.	−0.48	0.15	−0.42	12.21	−5.41
Tana	.....	.....	.....	.....	.....	.....	1.00	.....	1.06	−1.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	−0.67	0.01	−0.68	.....	.....
Timber Lake	0.32	.....	0.10	.....	1.03	.....	0.79	.....	2.06	.....	1.16	.....	3.13	.....	4.04	.....	2.23	.....	0.30	.....	0.00	.....	0.20	.....	15.36	.....
Tyndall	0.30	−0.17	0.08	−0.38	1.39	+0.11	3.09	+0.25	6.56	+2.91	2.20	−1.11	5.79	+2.44	2.64	−0.94	1.25	−0.41	0.61	−1.80	0.00	−0.66	0.22	−0.40	24.13	−0.16
Vale	0.09	−0.34	0.37	−0.29	1.11	+0.41	2.65	+1.50	2.08	−0.58	0.37	−3.51	3.27	+1.82	4.46	+3.02	2.86	+1.17	0.68	−0.52	0.07	−0.41	0.09	−0.58	18.10	+1.69
Vermilion	0.30	−0.14	0.55	−0.33	2.66	+1.60	2.18	+0.02	1.34	−2.94	1.72	−2.80	3.15	−1.39	3.47	+0.09	2.34	−1.34	1.03	−1.48	0.27	−0.72	0.35	−0.50	19.36	−9.93
Waters Ranch	0.37	.....	0.52	.....	1.15	.....	4.01	.....	1.40	.....	1.86	.....	2.26	.....	3.80	.....	4.05	+1.52	1.46	+0.97	0.10	−1.18	0.23	−0.75	21.21	.....
Watertown	0.10	−0.41	0.35	−0.20	0.22	−0.54	5.16	+2.87	4.30	+1.05	2.55	−1.01	5.01	+1.89	2.29	−1.07	2.61	+0.78	0.41	−1.36	T.	−0.65	0.30	−0.15	23.30	+1.20
Wentworth	0.20	−0.26	0.22	−0.28	0.37	−0.57	4.51	+2.26	3.71	+0.08	1.00	−2.92	3.67	+0.78	5.56	+2.57	1.88	−0.72	0.68	−1.22	0.00	−0.65	0.08	−0.55	21.88	−2.26
Wessington Springs	0.84	+0.46	0.50	−0.18	0.59	−1.27	3.42	+0.57	1.89	−0.91	3.66	−0.14	.....	.....	.....	.....	1.16	+0.55	.....	.....	.....	.....	.....	.....	.....	.....
White Lake	0.15	.....	0.05	−0.59	.....	.....	2.44	+1.25	1.41	−1.68	0.38	−2.58	5.26	.....	3.58	.....	0.68	−1.17	0.50	−1.67	0.00	−1.25	T.	.....	.....	.....
Winner	.....	.....	.....	.....	0.45	.....	2.35	.....	2.61	.....	1.08	.....	5.20	.....	4.24	.....	1.04	.....	0.74	.....	0.00	.....	0.10	.....	.....	.....
Yankton	0.34	−0.22	0.46	−0.15	1.52	+0.38	3.19	+0.39	4.55	+0.65	0.69	−3.58	4.84	+1.32	2.36	−0.76	2.68	+0.23	1.51	−0.06	T.	−0.79	0.49	−0.24	22.63	−2.80

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1911. The use of these normals in this table began in January; for length of record, see page 5. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the Year 1913, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December.		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Aberdeen	0.55	−0.26	0.47	−0.44	1.48	−0.40	2.35	−1.61	4.05	+0.18	3.90	−0.15	4.52	+1.36	2.27	−0.90	1.15	−0.70	3.95	+2.25	0.67	−0.21	0.03	−0.84	25.39	−1.12
Academy	0.11	−0.32	0.43	−0.06	1.91	+0.85	2.64	+0.24	2.57	−0.48	3.75	+0.13	3.92	+0.35	1.83	−1.24	1.53	−0.03	0.47	−1.11	0.42	−0.01	0.23	−0.53	19.81	−2.21
Alexandria	T.	−0.56	0.40	−0.22	0.15	−1.29	2.07	−0.81	5.67	+2.36	3.90	+0.27	2.44	−0.80	2.09	−0.60	1.42	+0.14	0.98	−1.02	....	....	0.06	−0.55	....	....
Ardmore	....	....	....	....	....	....	....	....	....	....	....	....	1.78	+0.01	1.19	−1.05	1.50	+0.64	1.54	−0.82	0.15	−0.28	0.92	....	....	....
Armour	T.	−0.60	0.55	−0.16	0.95	−0.23	2.90	+0.23	2.60	−0.79	1.29	−2.71	3.35	+0.07	1.85	−0.90	1.83	−0.20	0.20	−1.99	....	....	....	....	....	....
Bellefourche	0.54	+0.29	0.16	−0.03	1.19	+0.71	0.43	−0.68	2.13	+0.25	3.05	+1.32	0.63	−0.47	0.52	−0.97	2.57	+1.01	1.32	+0.55	0.24	−0.19	0.24	−0.34	13.02	+1.45
Blunt	0.00	....	0.12	....	1.10	....	2.31	....	4.42	....	0.37	....	5.07	....	2.49	....	1.07	....	0.48	....	0.24	....	0.60	....	18.27	....
Britton	....	....	0.19	....	0.46	....	0.77	....	3.12	....	1.80	....	2.70	....	2.61	....	1.24	....	2.28	....	0.13	....	0.05	....	....	....
Brookings	0.02	−0.41	0.09	−0.42	0.45	−0.32	2.24	+0.16	3.50	+0.27	1.96	−1.77	2.99	+0.56	1.33	−1.54	1.55	−0.51	1.55	+0.11	0.81	+0.28	0.09	−0.46	16.58	−4.05
Bryant	T.	....	0.55	....	0.49	....	1.81	....	4.56	....	3.17	....	4.01	....	0.67	....	0.71	....	0.63	....	0.27	....	0.08	....	16.95	....
Camp Crook	2.02	+1.47	0.08	−0.34	0.92	−0.26	0.13	−0.94	2.63	+0.51	1.75	−0.92	0.67	−1.08	1.46	+0.05	1.79	+0.66	1.16	+0.57	0.12	−0.31	0.04	−0.36	12.77	−0.95
Canton	T.	−0.50	0.31	−0.19	....	....	6.04	+3.82	5.62	+1.92	4.57	−0.19	3.61	−0.28	1.16	−1.65	0.99	−1.43	1.41	−0.51	0.96	+0.05	0.15	−0.46	....	....
Cascade Springs	0.16	−0.58	0.76	+0.28	1.29	+0.28	0.49	−0.95	2.52	−0.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Castlewood	0.01	−0.24	0.06	−0.22	0.54	+0.03	2.11	+0.52	3.54	+1.34	1.97	−2.17	4.48	+1.77	1.00	−2.33	1.25	−0.64	1.29	−0.13	0.78	+0.10	0.10	−0.21	17.12	−2.18
Centerville	0.09	−0.41	0.62	−0.19	0.81	−0.38	3.96	+2.07	5.57	+1.64	5.36	+0.88	2.26	−2.22	1.72	−1.59	0.94	−1.78	1.25	−0.71	1.10	+0.40	0.18	−0.69	21.86	−2.98
Chamberlain	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.54	−0.67	T.	−1.31	....	....	....	....	....	....
Clark	0.09	−0.43	0.50	−0.02	1.40	+0.27	1.77	−0.21	4.40	+1.34	3.62	−0.50	3.68	+0.78	1.79	−1.01	1.86	−0.56	4.14	+2.58	0.50	−0.26	0.16	−0.45	23.91	+1.53
Cottonwood	0.18	−0.24	0.10	−0.10	0.43	−0.04	1.15	−0.31	2.95	+0.50	0.59	−0.37	0.81	−1.36	1.84	+0.17	1.15	−0.25	0.76	−0.52	0.14	−0.18	0.38	−0.14	10.48	−2.84
Custer	0.30	....	0.60	....	1.50	....	0.10	....	2.93	....	2.48	....	2.29	....	2.02	....	2.58	....	1.97	....	0.10	....	....	....	....	....
Daviston	0.22	....	0.07	−0.42	0.82	−0.03	0.35	−0.35	2.73	+0.57	3.23	+2.02	1.30	−1.00	1.32	−0.83	2.10	−0.10	1.20	+0.06	0.02	−0.69	0.12	−0.20	13.48	....
Deadwood	2.05	+0.78	0.65	−0.93	4.10	+1.47	1.60	−2.29	3.10	−1.39	2.45	−0.90	0.45	−2.20	3.51	+0.95	3.53	+0.51	2.25	−0.10	0.20	−1.39	0.32	−1.97	24.21	−7.26
Deerfield	0.82	+0.10	0.16	−0.39	1.03	+0.13	0.28	−1.04	2.35	+0.99	4.21	+3.12	1.40	−0.72	1.06	−0.40	2.47	+1.31	2.33	+1.48	0.33	−0.30	0.42	−0.10	16.86	+4.18
De Smet	T.	−0.51	0.18	−0.40	0.68	−0.40	2.34	+0.04	4.19	+1.35	2.14	−1.37	5.53	+2.94	0.58	−2.12	0.82	−1.14	0.29	−1.37	0.36	−0.58	....	....	....	....
Dowling	0.65	−0.07	0.43	+0.21	1.50	+0.76	1.40	+0.37	4.80	+2.92	2.40	−0.50	1.05	−1.13	2.65	+0.65	1.90	+0.36	1.35	+0.65	0.30	−0.62	0.60	+0.08	19.03	+3.62
Dumont	3.70	+1.38	0.72	−1.57	2.99	+0.65	1.68	−1.69	2.36	−1.80	3.64	+0.11	0.71	−1.91	0.48	−2.17	4.02	+2.24	2.33	+0.78	0.15	−0.30	0.38	−2.65	23.16	−6.93
Eagle Butte	0.22	....	0.19	....	1.69	....	1.48	....	2.86	....	0.80	....	1.56	....	4.82	....	....	....	....	....	....	....	....	....	....	....
Fales	0.29	....	0.18	....	1.06	....	1.28	....	1.99	....	1.89	....	1.62	....	2.92	....	1.12	....	1.09	....	0.23	....	0.67	....	14.34	....
Elk Mountain	0.50	−0.30	0.56	−0.16	0.60	−0.19	0.26	−1.00	1.80	+0.26	1.90	+1.23	2.67	−0.43	0.60	−1.41	2.98	+1.66	1.36	+0.34	0.52	+0.03	0.40	−0.25	14.33	−0.22
Ellingson	....	....	....	....	....	....	0.27	....	2.02	....	4.75	+3.39	1.84	....	1.16	....	1.17	....	1.08	....	0.14	....	0.06	....	....	....
Englewood	1.81	+0.37	0.88	−1.33	4.30	+1.76	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka	0.10	−0.29	0.03	−0.79	0.09	−0.67	0.68	−0.53	1.97	+0.12	2.91	+0.45	2.16	+0.83	1.53	−1.03	0.54	−1.09	1.52	+1.01	0.08	−0.37	0.52	−0.27	12.13	−2.63
Fairfax	0.36	−0.02	0.90	+0.35	1.62	+1.20	2.47	−0.50	2.65	−1.30	1.75	−2.83	2.20	−1.90	2.60	−0.18	1.70	+0.34	0.35	−2.01	0.80	+0.35	0.50	−0.11	17.90	−6.61
Faith	....	....	....	....	....	....	0.95	....	2.38	....	1.35	....	1.70	....	1.58	....	1.07	....	1.48	....	0.68	....	0.85	....	....	....
Faulkton	0.05	−0.27	0.30	−0.19	0.77	−0.72	1.84	−0.71	5.14	+2.60	0.89	−2.26	2.53	−0.06	1.01	−1.49	0.38	−1.05	2.02	+0.92	0.35	−0.11	0.35	−0.09	15.63	−6.03
Flandreau	0.05	−0.36	0.25	−0.32	0.40	−0.63	1.96	−0.56	4.47	+0.54	4.47	+0.30	4.21	+1.31	2.48	−0.86	2.31	+0.07	....	....	....	....	....	....	....	....
Forestburg	T.	−0.64	0.37	−0.25	0.64	−0.39	2.13	−0.32	5.10	+2.36	1.62	−2.19	3.06	+1.15	1.72	−0.67	1.02	−0.74	1.73	+0.16	0.32	−0.26	0.16	−0.41	18.57	−2.20
Fort Meade	0.95	+0.26	0.60	−0.03	3.30	+1.89	0.40	−1.92	3.10	−1.08	2.08	−1.51	0.25	−2.04	0.93	−1.04	0.68	−0.28	0.32	−0.70	0.00	−0.61	0.30	−0.34	12.91	−7.40
Frederick	0.07	−0.77	0.02	−0.91	0.20	−0.44	1.26	−0.44	3.61	+0.85	3.92	+1.03	1.87	−1.15	....	....	....	....	....	....	....	....	....	....	....	....
Gannvalley	T.	−0.64	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Goldfield	....	....	0.27	....	3.15	....	0.38	....	3.98	....	2.50	....	2.27	....	3.94	....	3.17	....	1.71	....	0.26	....	0.26	....	....	....
Greenmont	2.71	....	0.79	−1.13	1.67	−0.59	1.19	−3.49	....	....	2.70	−0.90	0.74	−2.39	4.95	+2.02	2.62	....	1.90	−0.02	0.52	−0.98	0.36	−1.81	....	....
Greenwood	0.30	−0.25	0.76	+0.23	1.65	+0.53	2.58	−0.09	3.38	+0.36	3.58	−0.15	1.94	−1.61	2.59	−0.33	1.94	−0.10	1.23	−0.69	0.90	+0.27	0.22	−0.44	21.07	−2.27
Hardingrove	0.25	....	0.10	....	3.46	....	2.59	....	4.50	....	0.58	....	0.86	....	2.30	....	1.65	....	0.86	....	0.07	....	0.57	....	17.79	....
Hardy Ranger Station	2.16	+0.39	0.75	....	1.44	....	0.81	....	2.85	....	4.44	+1.80	2.14	+0.05	0.97	−1.15	2.31	−0.10	2.60	+1.04	0.40	−0.74	0.34	−1.85	21.21	....
Harveys Ranch	2.90	+0.91	0.84	−0.59	2.53	+0.52	0.89	−2.57	2.62	+0.18	3.67	+1.82	1.79	−1.38	1.45	−1.19	2.75	+0.91	2.07	+0.91	0.10	−1.18	0.20	−1.86	21.81	+1.66
Hermosa	0.24	−0.10	0.27	−0.02	0.66	−0.03	0.47	−4.70	3.73	−0.45	3.14	+0.14	1.66	−1.12	0.89	−1.06	3.84	+2.59	1.24	+0.41	0.14	−0.13	0.24	−0.40	16.52	−4.87
Highmore	0.05	−0.22	0.30	+0.06	0.87	−0.04	1.27	−0.45	4.56	+2.24	0.97	−2.30	1.79	−0.71	1.20	−1.23	0.53	−0.89	0.61	−0.41	0.03	−0.43	0.28	−0.12	12.46	−4.56
Hopewell	0.10	−0.86	0.15	−0.55	1.28	+0.51	2.20	+1.17	3.71	+2.47	0.22	−4.22	1.43	−0.72	1.86	−0.35	1.03	−0.65	0.84	+0.53	0.16	−0.54	0.32	−0.54	13.30	−3.75
Hot Springs	....	....	....	....	....	....	....	....	....	....	2.00	....	2.29	....	1.20	....	2.80	....	2.60	....	0.70	....	0.71	....	....	....
Howard	0.02	−0.31	0.22	−0.26	0.49	−0.50	2.61	+0.54	4.12	+1.42	3.09	−1.18	5.17	+2.08	4.45	+1.57	1.48	−0.70	....	....	0.80	+0.19	0.10	−0.39	....	....
Howell	0.05	−0.31	0.13	−0.30	0.87	+0.22	1.37	−0.03	3.63	+0.30	1.66	−1.27	2.76	+0.44	1.04	−1.78	0.51	−0.92	0.47	−0.63	0.14	−0.33	0.08	−0.49	12.71	−5.10
HURON	0.03	−0.48	0.23	−0.21	1.24	+0.25	1.81	−0.84	4.53	+1.61	1.06	−2.72	3.82	+0.88	2.35	−0.29	0.63	−1.06	1.98	+0.64	0.14	−0.44	0.05	−0.57	17.87	−3.23
Ipswich	0.22	−0.20	0.16	−0.30	0.24	−1.06	1.75	+0.27	3.00	−0.92	2.78	−0.53	3.90	+1.54	1.65	−1.43	0.90	−1.09	....	....	0.21	−0.21	0.09	−0.24	....	....
Kadoka	0.11	−0.24	0.15	−0.29	0.93	+0.37	1.28	−0.38	2.65	+1.09	....	....	0.63	−1.45	1.82	−0.81	1.53	+0.07	0.48	−0.23	0.31	+0.07	0.39	+0.11	....	....
Kennebec	0.05	−0.37	0.52	−0.19	1.15	+0.34	2.37	+0.36	1.90	−0.40	0.94	−2.09	2.41	+0.32	2.06	−0.24	0.61	−0.37	0.28	−0.73	0.25	−0.15	1.10	+0.66	13.64	−2.86
Kimball	T.	−0.53	0.26	−0.30	0.38	−0.59	2.04	−0.22	3.06	+0.58	3.00	−0.17	3.81	+0.94	1.79	−1.09	0.53	−0.78	0.17	−0.95	0.10	−0.41	0.05	−0.55	15.28	−4.07
La Delle	0.10	−0.57	0.26	−0.10	0.96	+0.01	2.34	+0.02	5.68	+2.31	3.95	−0.80	4.42	+0.70	2.20	−1.54	0.71	−1.75	3.71	+1.69	0.18	−0.52	0.28	−0.36	24.79	−1.00
Lead	1.53	+0.41	0.54	−0.32	2.90	+1.68	0.90	−2.18	1.99	−2.20	2.30	−1.24	0.61	−1.72	3.13	−0.57	3.24	+0.75	2.22	+0.39	0.19	−0.99	0.42	−1.14	19.97	−7.13
Lemmon	0.17	−0.41	0.02	−0.63	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.20	−0.38	....	....
Marion	T.	−0.76	0.49	−0.27	0.77	−0.23	5.41	+3.50	5.00	+0.95	3.53	−1.37	2.61	−1.27	2.82	−0.56	1.64	−1.30	2.01	−0.39	1.10	+0.23	0.36	−0.47	25.74	−1.94
Marston	T.	−0.33	0.36	−0.02	1.52	+1.15	2.61	+1.43	3.55	+1.65	0.79	−1.44	3.02	+0.75	1.98	−0.29	1.15	−0.46	0.39	−0.87	0.10	−0.38	0.56	+0.07	16.03	+1.26
Meadow	0.30	....	0.15	....	1.90	....	0.49	....	2.17	....	3.65	....	0.92	....	0.66	....	0.93	....	0.88	....	0.15	....	0.23	....	12.43	....
Mellette	0.09	−0.33	0.28	−0.12	0.42	−0.47	0.86	−1.22	4.42	+1.25	1.83	−1.43	4.31	+1.51	1.21	−1.72	0.53	−1.14	1.11	−0.41	0.41	−0.12	0.10	−0.29	15.57	−4.49
Menno	0.02	−0.45	0.85	+0.27	0.54	−0.54	3.32	+1.51	5.03	+1.29	4.09	−0.20	2.09	−1.57	2.47	−0.31	1.48	−0.83	2.19	+0.10	0.90	+0.16	0.63	−0.03	23.60	−0.60
Milbank	0.61	+0.01	0.68	−0.07	1.83	+0.62	2.52	+0.30	3.97	+0.65	0.89	−3.08	3.11	+0.34	3.41	+0.57	1.92	+0.06	1.36	−0.37	1.17	+0.41	0.11	−0.63	21.58	−1.19
Mitchell	0.06	−0.49	0.64	+0.10	1.50	+0.40	3.30	+0.56	4.45	+1.19	1.92	−2.21	3.12	−0.18	2.16	−0.56	0.92	−1.21	0.52	−1.47	0.96	+0.37	T.	−0.67	10.55	−4.17
Mobridge	1.35	....	0.25	....	0.90	....	1.11	....	2.27	....	3.74	....	1.12	....	3.29	....	0.79	....	1.63	....	0.20	....	0.50	....	17.15	....
Murdo	0.30	−0.40	0.30	−0.08	2.40	+1.48	2.25	−0.04	3.00	+0.74	2.25	−0.04	2.55	+0.35	T.	−2.45	0.50	−0.63	T.	−1.40	T.	−0.42	1.00	+0.28	14.55	−2.61
Oelrichs	0.20	−0.77	0.50	−0.47	1.20	−0.44	0.40	−1.62	2.40	−0.44	3.65	+0.55	1.53	−0.80	3.05	+1.70	2.30	+1.18	1.40	+0.09	0.10	−0.58	0.95	+0.22	17.68	−1.38
Onaka	0.34	....	0.33	....	2.93	....	2.39	....	4.05	....	2.13	....	3.47	....	1.60	....	1.18	....	2.39	....	....	....	0.71	....	....	....
Onida	T.	....	0.16	....	0.85	....	2.38	....	3.58	....	0.55	....	2.10	....	1.48	....	0.90	....	0.64	....	0.10	....	0.50	....	13.33	....
Orman	0.56	+0.15	0.14	−0.04	1.40	+0.83	0.43	−1.03	1.85	−1.17	3.66	+1.42	0.75	−1.24	0.28	−1.10	2.78	+0.96	1.89	+1.13	0.24	−0.14	0.24	−0.35	14.22	−0.58
Ottumwa	0.50	−0.04	0.45	−0.15	1.50	+0.99	1.25	+0.17	3.86	+1.46	0.57	−0.95	1.32	−1.00	3.50	....	....	....	0.57	−0.12	0.06	−0.49	0.67	+0.10	....	....
Parkston	0.27	....	1.16	....	1.87	....	3.25	....	3.54	....	2.16	....	2.32	....	1.35	....	1.37	....	0.74	....	1.21	....	0.72	....	19.96	....
Pearl Creek	....	....	....	....	....	....	....	....	3.70	....	2.40	....	5.68	....	1.27	....	0.74	....	2.58	....	0.25	....	0.01	....	....	....
Pierre	T.	−0.46	0.25	−0.19	0.84	−0.49	1.17	−0.81	3.75	+1.62	0.32	−2.76	2.12	−0.23	1.37	−0.64	0.56	−0.55	0.53	−0.28	0.11	−0.32	0.43	−0.07	11.45	−5.18
Pine Ridge	....	....	....	....	....	....	1.51	+0.04	3.35	+0.47	1.60	−1.37	1.97	....	3.32	+0.63	1.25	+0.04	0.46	−1.14	0.03	−0.16	1.17	+0.68	....	....
Plankinton	0.05	−0.40	0.50	−0.03	1.09	0.00	2.35	−0.01	3.73	+1.20	1.38	−2.95	4.45	+1.51	1.78	−0.85	1.11	−0.76	1.10	−0.78	0.89	+0.41	0.21	−0.41	18.64	−3.07
Pollock	0.31	−0.25	0.05	−0.31	0.61	+0.02	1.07	+0.42	2.25	+0.61	2.70	−0.57	2.06	+0.10	1.64	−0.47	0.63	−1.44	2.79	+1.94	0.26	−0.14	0.40	+0.15	14.77	+0.06
Rapid City	0.62	+0.18	0.41	−0.05	1.37	+0.32	0.39	−1.91	3.24	+0.33	3.50	−0.09	0.62	−1.93	1.12	−0.99	5.07	+3.81	1.56	+0.46	0.13	−0.33	0.29	−0.17	18.32	−0.37
Redfield	0.01	−0.30	0.55	+0.13	....	....	1.23	−0.56	2.89	−0.02	1.68	−1.12	3.45	+0.52	0.66	−2.73	0.62	−1.34	0.39	−1.02	0.60	+0.21	0.02	−0.37	....	....
Rochford	0.86	+0.19	0.25	−0.11	0.85	−0.37	0.42	−1.12	3.02	+1.50	3.15	+1.88	1.25	−1.27	0.61	....	2.37	....	1.82	+0.86	0.22	−0.48	0.27	−0.51	15.09	....
Rosebud	....	....	0.90	+0.25	0.60	−0.66	....	....	3.07	+0.59	0.43	−2.22	3.35	+0.72	2.40	+0.48	0.95	−0.07	0.54	−0.48	0.75	+0.10	1.26	+0.18	....	....
Roslyn	0.60	+0.08	0.12	−0.37	0.32	0.00	1.35	−1.12	3.94	+1.31	1.28	−1.95	3.38	+0.61	1.87	−2.71	1.47	−0.49	2.59	+1.11	0.17	−0.50	0.32	−0.24	17.41	−4.27
Selby	0.27	−0.26	0.13	−0.62	1.22	+0.43	1.44	+0.72	2.83	+0.22	2.62	+0.35	1.32	−1.03	1.71	−1.01	....	....	....	....	....	....	....	....	....	....
Sioux Falls	0.05	−0.51	1.39	+0.77	0.64	−0.61	4.72	+2.24	5.75	+1.55	5.14	+0.87	3.18	+0.26	1.44	−1.88	1.30	−1.01	2.28	+0.44	0.93	+0.12	0.14	−0.65	26.96	+1.07
Sisseton	0.10	−0.20	0.14	−0.12	0.91	−0.31	1.61	−1.19	....	....	2.45	−0.92	2.43	−1.74	....	....	....	....	....	....	....	....	....	....	....	....
Sorum	0.42	....	T.	....	3.70	....	0.04	....	2.26	....	6.05	....	2.48	....	0.38	....	2.00	....	0.87	....	T.	....	0.16	....	18.36	....
Spearfish	0.66	−0.17	0.10	−0.83	1.04	−0.71	0.27	−2.22	2.78	−0.72	2.73	−1.40	0.48	−1.59	0.32	−1.37	3.70	+2.34	1.79	+0.48	0.08	−0.54	0.10	−0.71	14.05	−7.44
Stephan	0.03	−0.48	0.44	+0.08	0.96	+0.57	1.45	+0.16	3.72	+0.88	1.98	−0.70	3.34	+0.53	1.14	−1.51	0.28	−1.03	0.06	−1.09	0.12	−0.32	0.35	−0.18	13.87	−3.09
Tama	0.01	−0.57	0.05	....	0.42	....	....	....	2.05	+0.11	1.80	+0.49	2.00	+0.82	1.25	+0.35	2.15	+0.65	1.20	+0.19	0.40	−0.14	0.25	−0.27	....	....
Timber Lake	0.36	....	0.15	....	2.36	....	1.45	....	3.09	....	3.18	....	0.71	....	2.41	....	1.21	....	1.36	....	0.48	....	0.87	....	17.63	....
Tyndall	0.04	−0.42	0.85	+0.41	2.52	+1.24	3.47	+0.62	6.51	+2.67	2.97	−0.27	2.17	−1.32	3.38	−0.14	1.55	−0.09	1.43	−0.87	0.63	0.00	0.32	−0.28	25.84	+1.55
Vale	0.58	+0.24	0.03	−0.23	0.88	+0.10	0.25	−1.20	2.57	+0.02	2.66	−0.35	0.19	−1.63	0.18	−1.86	3.31	+1.39	2.37	−1.28	0.14	−0.25	0.27	−0.28	13.43	−5.33
Vermilion	0.10	−0.33	1.02	+0.16	1.24	+0.06	7.70	+5.54	4.78	+0.73	2.03	−2.21	1.32	−3.09	1.03	−2.36	0.93	−2.09	3.14	+0.76	0.58	−0.35	0.31	−0.50	24.18	−4.58
Waters Ranch	0.91	+0.42	0.57	+0.05	2.40	+1.43	1.05	−1.34	2.01	+0.62	1.18	−0.26	1.01	−0.20	0.20	−2.68	4.30	+1.39	1.68	+0.57	0.20	−0.79	0.31	−0.49	15.82	−1.28
Watertown	0.10	−0.39	0.10	−0.44	0.21	−0.52	3.04	+0.60	3.86	+0.55	4.30	+0.79	3.77	+0.54	1.39	−1.91	2.28	+0.41	1.13	−0.56	0.27	−0.35	0.13	−0.32	20.58	−1.60
Wentworth	T.	−0.45	0.28	−0.21	0.65	−0.26	2.09	−0.26	5.35	+1.72	2.84	−0.95	5.36	+2.44	2.07	−1.04	3.11	+0.54	1.31	−0.53	0.90	+0.28	0.08	−0.53	24.04	+0.75
Wessington Springs	0.03	−0.39	0.11	−0.55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
White Lake	....	....	....	....	0.47	+0.40	2.87	+1.37	3.07	....	....	....	2.49	....	1.81	−1.18	0.73	....	1.70	−0.05	0.45	−0.49	....	....	....	....
Winner	0.15	....	0.39	....	1.35	....	2.90	....	2.45	....	1.56	....	2.92	....	1.28	....	....	....	0.35	....	0.51	....	0.74	....	....	....
Wood	0.25	....	0.47	....	2.20	....	2.95	....	2.78	....	0.49	....	3.84	....	1.90	....	1.42	....	0.48	....	0.37	....	0.93	....	18.08	....
Yankton	0.08	−0.48	0.00	+0.41	1.83	+0.60	4.39	+1.59	5.87	+1.97	4.58	+0.31	2.82	−1.70	3.03	−0.09	1.18	−1.27	1.52	−0.05	0.80	+0.01	0.27	−0.46	27.36	+0.93

Note: Normals of precipitation have been computed for all stations having a record of three or more years, to include the year 1912. The use of these normals in this table began in January; for length of record, see page 5. T. Trace of precipitation, an amount less than .01 of an inch.

Monthly and Annual Precipitation for the Year 1914, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Portion. *(East of 100th Meridian)*																										
Aberdeen	0.90	+0.10	0.37	−0.52	0.82	−1.05	4.95	+1.63	2.80	−1.07	8.09	+4.05	2.93	−0.29	1.54	−1.59	2.65	+0.83	1.32	−0.47	T.	−0.86	0.55	−0.28	26.92	+0.48
Academy	0.23	−0.18	1.14	+0.66	1.19	+0.07	3.64	+1.22	2.34	−0.83	5.79	+2.10	1.52	−2.07	2.81	−0.19	3.10	+1.54	3.25	+1.74	0.02	−0.41	0.81	+0.09	25.84	+3.80
Alexandria	0.48	−0.08	0.90	+0.29	.....	.....	.....	.....	3.66	+0.29	5.68	+1.52	2.87	−0.34	2.23	−0.44	3.67	+1.42	2.28	+0.32	T.	−0.64	0.53	−0.06	.....	.....
Armour	0.10	−0.50	.....	.....	.....	.....	1.95	−0.73	2.10	−1.25	2.78	−1.07	2.02	−1.27	2.64	−0.06	2.18	+0.16	2.49	+0.41	.....	.....	0.80	+0.04	.....	.....
Blunt	0.35	.....	1.23	.....	0.68	.....	2.74	.....	3.24	.....	7.24	.....	0.77	.....	1.22	.....	1.13	.....	.....	.....	.....	.....	.....	.....	.....	.....
Britton	0.15	.....	0.58	.....	0.76	.....	3.74	.....	2.35	.....	9.73	.....	2.31	.....	0.77	.....	3.35	.....	0.97	.....	0.05	.....	0.35	.....	25.11	.....
Brookings	0.22	−0.19	0.40	−0.09	0.42	−0.34	1.64	−0.45	4.16	+0.92	6.67	+3.01	1.62	−0.83	3.16	+0.35	3.32	+1.28	2.21	+0.73	T.	−0.55	0.33	−0.20	24.15	+3.64
Bryant	.....	.....	0.28	.....	0.42	.....	2.76	.....	6.10	.....	9.55	.....	0.72	.....	1.57	.....	3.97	.....	3.72	.....	T.	.....	0.18	.....	.....	.....
Canton	0.34	−0.12	0.30	−0.18	0.59	−0.55	1.35	−1.08	2.88	+0.06	6.75	+2.00	1.48	−2.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Castlewood	0.30	.....	0.24	.....	0.27	.....	2.20	.....	3.67	.....	9.36	.....	1.03	.....	1.92	.....	2.84	.....	2.35	.....	T.	.....	0.12	.....	24.30	.....
Centerville	0.62	+0.16	0.84	+0.04	0.61	−0.56	1.11	−0.91	4.64	+0.60	5.34	+0.91	3.14	−1.21	0.91	−2.31	5.22	+2.61	2.29	+0.28	T.	−0.73	0.51	−0.32	25.14	−1.44
Chamberlain	.....	.....	.....	.....	0.85	−0.11	4.25	+2.59	2.51	−0.16	2.09	−0.94	2.22	−0.42	2.40	−0.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clark	0.87	+0.37	0.87	+0.35	0.95	−0.19	3.76	+1.79	4.77	+1.64	8.40	+4.30	0.93	−2.01	1.74	−1.62	4.73	+2.34	2.83	+1.14	T.	−0.75	0.45	−0.14	30.30	+7.82
De Smet	0.58	+0.09	.....	.....	.....	.....	2.46	+0.16	4.95	+2.09	13.66	+10.21	0.60	−2.12	2.62	+0.02	6.19	+4.29	5.07	+3.47	0.00	−0.58	.....	.....	.....	.....
Eureka	0.22	.....	0.05	.....	0.22	.....	2.07	.....	2.20	.....	4.28	.....	1.25	.....	2.11	.....	0.70	.....	0.87	.....	T.	.....	0.53	.....	14.50	.....
Fairfax	0.12	.....	0.93	.....	2.05	.....	4.50	+2.48	4.65	.....	3.59	.....	6.45	.....	2.60	−0.16	2.42	.....	1.92	.....	T.	.....	0.60	.....	29.83	.....
Faulkton	0.82	+0.50	0.85	+0.37	0.41	−1.04	5.13	+2.62	2.94	+0.27	6.85	+3.81	0.75	−1.85	2.86	+0.43	1.55	−0.18	1.44	+0.29	T.	−0.46	0.45	+0.01	24.05	+5.13
Forestburg	0.10	−0.51	1.63	+1.02	0.93	−0.08	2.73	+0.29	8.94	+6.10	7.73	+4.01	3.14	+0.28	3.91	+1.55	4.14	+2.41	2.64	+0.91	T.	−0.56	0.52	−0.03	36.41	+15.39
Greenwood	0.59	+0.06	1.00	+0.46	1.35	−0.20	2.40	−0.27	3.34	+0.30	2.65	−1.07	3.17	−0.30	1.89	−1.01	2.15	+0.12	1.16	−0.73	T.	−0.68	1.12	+0.48	20.82	−2.84
Highmore	0.13	−0.13	0.62	+0.38	0.45	−0.46	3.65	+1.95	2.23	−0.19	4.09	+0.93	2.01	−0.46	1.16	−1.22	1.01	−0.37	1.92	+0.92	T.	−0.43	0.25	−0.15	17.52	+0.77
Howard	0.64	+0.33	.....	.....	0.35	−0.61	1.65	−0.45	8.80	+6.04	4.42	+0.21	2.12	−1.07	2.20	−0.75	4.50	+2.35	2.68	+0.78	T.	−0.62	.....	.....	.....	.....
Howell	0.34	+0.01	0.67	+0.26	0.30	−0.37	3.96	+2.56	1.59	−1.76	6.56	+3.74	0.95	−1.41	2.18	−0.48	1.49	−0.14	1.45	+0.40	T.	−0.44	0.19	−0.37	19.68	+2.28
HURON	0.30	−0.21	0.79	+0.35	0.37	−0.62	2.96	+0.31	5.83	+2.91	11.56	+7.78	0.96	−1.98	1.29	−1.35	3.43	+1.74	2.35	+1.01	T.	−0.58	0.30	−0.32	30.14	+9.04
Ipswich	0.50	+0.09	0.49	−0.03	0.17	−1.07	3.91	+1.91	2.86	−1.01	5.38	+1.87	0.83	−1.62	2.30	−0.68	1.24	−0.67	0.84	−0.22	T.	−0.41	0.17	−0.15	18.69	−1.99
Kennebec	0.30	−0.11	1.70	+1.36	0.70	−0.13	4.61	+2.58	3.97	+1.69	3.37	−0.42	1.73	−0.38	0.52	−1.77	1.49	+0.53	2.16	+1.19	T.	−0.39	0.75	+0.28	22.30	+5.27
Kimball	0.05	−0.46	0.77	+0.23	0.42	−0.53	3.71	+1.45	3.66	+1.16	5.49	+2.15	1.75	−1.15	2.33	−0.51	2.24	+0.96	2.89	+1.80	T.	−0.50	0.20	−0.39	23.42	+4.21
La Delle	0.50	−0.13	0.30	−0.15	0.93	−0.02	4.35	+2.63	6.82	+3.32	10.05	+5.66	0.98	−2.79	1.80	−1.85	4.05	+1.70	1.95	−0.18	.....	.....	0.35	−0.27	.....	.....
Marion	0.90	+0.21	1.61	+0.87	0.86	−0.12	2.04	−0.14	5.74	+1.58	4.75	−0.04	4.18	+0.40	2.38	−0.96	5.84	+3.00	2.95	+0.58	T.	−0.89	1.50	+0.70	32.76	+5.19
Mellette	0.57	+0.17	0.45	+0.06	0.64	−0.23	4.09	+2.08	1.67	−1.56	8.17	+4.97	1.93	−0.89	2.08	−0.78	2.74	+1.12	0.75	−0.76	T.	−0.52	0.29	−0.09	23.38	+3.57
Menno	0.35	−0.09	1.00	+0.40	0.89	−0.06	1.68	−0.22	2.97	−0.84	4.34	+0.06	5.68	+2.11	2.14	−0.62	2.98	+0.72	2.20	+0.10	T.	−0.74	.....	.....	.....	.....
Milbank	1.32	+0.72	0.41	−0.34	1.37	+0.13	3.01	+0.78	3.20	−0.15	8.24	+4.31	2.39	−0.40	3.87	+1.01	2.45	+0.59	2.15	+0.43	T.	−0.78	0.60	−0.11	29.01	+6.19
Mitchell	0.43	−0.09	0.82	+0.28	0.61	−0.51	2.44	−0.33	4.49	+1.17	6.36	+2.34	3.59	+0.30	3.10	+0.40	3.89	+1.82	3.37	+1.45	0.00	−0.61	0.60	+0.01	29.70	+6.23
Onaka	1.43	.....	1.57	.....	0.90	.....	4.58	.....	4.05	.....	6.34	.....	3.33	.....	3.51	.....	1.65	.....	1.68	.....	0.00	.....	0.28	.....	29.32	.....
Parkston	0.48	.....	1.36	.....	1.24	.....	2.87	.....	2.53	.....	3.89	.....	3.31	.....	2.70	.....	2.32	.....	1.97	.....	T.	.....	1.08	.....	23.75	.....
Pearl Creek	0.21	.....	0.72	.....	0.22	.....	3.53	.....	6.33	.....	10.03	.....	1.20	.....	3.33	.....	2.60	.....	2.52	.....	0.00	.....	0.48	.....	30.17	.....
Redfield	0.30	+0.01	0.54	+0.11	0.29	−0.38	5.22	+3.64	2.84	−0.07	6.72	+3.98	1.17	−1.79	1.67	−1.55	3.12	+1.25	1.00	−0.35	0.00	−0.40	0.60	+0.23	23.47	+4.68
Roslyn	0.24	.....	0.22	.....	0.67	.....	3.04	.....	2.51	.....	7.82	.....	2.84	.....	3.34	.....	4.75	.....	1.06	.....	T.	.....	0.31	.....	26.80	.....
Sioux Falls	0.28	−0.26	0.86	+0.17	0.42	−0.80	1.43	−1.15	4.40	+0.13	7.24	+2.93	1.90	−1.53	2.49	−0.75	4.68	+2.41	2.08	+0.22	0.00	−0.80	0.80	+0.04	26.58	+0.61
Sisseton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stephan	0.55	+0.09	1.70	+1.33	0.38	−0.07	3.77	+2.47	4.47	+1.62	7.43	+4.83	1.24	−1.63	2.94	+0.44	1.97	+0.76	1.84	+0.79	0.03	−0.38	0.27	−0.25	26.59	+10.00
Tyndall	0.21	−0.23	0.50	+0.04	0.98	−0.38	1.38	−1.51	2.48	−1.53	4.38	+1.16	2.02	−1.40	2.54	−0.97	2.84	+1.21	0.54	−1.71	0.00	−0.63	0.50	−0.08	18.37	+6.03
Vermilion	0.36	−0.04	0.43	−0.44	0.50	−0.68	1.04	−1.49	3.41	−0.69	7.83	+3.79	4.63	+0.47	1.83	−1.34	6.50	+2.82	0.50	−1.94	T.	−0.90	1.02	+0.25	28.06	−0.19
Wentworth	0.44	+0.01	0.46	−0.02	0.51	−0.39	1.59	−0.75	6.58	+2.87	10.96	+7.21	2.48	−0.55	4.84	+1.78	5.23	+2.64	3.34	+1.53	0.00	−0.63	0.46	−0.12	36.89	+13.58
White Lake	0.20	.....	1.02	.....	0.59	.....	3.72	.....	5.09	.....	6.60	.....	1.45	.....	2.89	.....	2.60	.....	3.37	.....	0.00	.....	0.52	.....	28.05	.....
Winner	0.03	.....	0.92	.....	0.71	.....	3.55	.....	4.12	.....	4.42	.....	2.19	.....	3.65	.....	2.07	.....	2.44	.....	T.	.....	0.48	.....	24.58	.....
Yankton	0.55	−0.01	0.86	+0.28	1.02	−0.12	1.60	−1.20	2.52	−1.38	4.84	+0.57	1.51	−2.01	1.58	−1.54	2.84	+0.39	0.70	−0.87	T.	−0.79	0.76	+0.03	18.78	−6.66
Western Portion. *(West of 100th Meridian)*																										
Ardmore	0.02	.....	0.45	.....	0.28	.....	3.27	.....	1.24	.....	3.24	.....	0.49	.....	1.49	.....	1.05	.....	1.51	.....	T.	.....	0.43	.....	13.47	.....
Bellefourche	0.05	.....	0.24	.....	0.41	.....	1.86	.....	2.33	.....	2.32	.....	0.86	.....	1.05	.....	1.01	.....	2.42	.....	0.00	.....	0.27	.....	12.82	.....
Camp Crook	0.18	−0.45	0.69	+0.29	0.52	−0.64	1.00	−0.02	1.34	−0.81	4.27	+1.64	0.84	−0.86	0.55	−0.86	0.45	−0.70	0.99	+0.37	T.	−0.42	0.32	−0.06	11.15	−2.52
Cedar Canyon	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.95	.....	0.32	.....	0.87	.....	2.07	.....	T.	.....	0.50	.....	.....	.....
Cottonwood	0.03	.....	1.18	.....	0.35	.....	2.26	.....	2.35	.....	1.64	.....	1.04	.....	1.88	.....	1.19	.....	2.23	.....	0.02	.....	0.84	.....	15.01	.....
Custer	0.10	.....	0.80	.....	0.04	.....	1.57	.....	2.25	.....	1.04	.....	1.35	.....	0.65	.....	0.92	.....	2.18	.....	T.	.....	0.28	.....	11.18	.....
Daviston	0.10	.....	1.70	.....	0.60	.....	0.62	.....	1.30	.....	6.32	.....	2.65	.....	2.35	.....	0.40	.....	.....	.....	.....	.....	0.40	.....	.....	.....
Deadwood	0.58	.....	1.15	.....	1.60	.....	6.05	.....	3.40	.....	3.07	.....	3.45	.....	1.60	.....	1.55	.....	2.10	.....	0.30	.....	0.96	.....	25.70	.....
Deerfield	0.19	.....	0.30	.....	0.58	.....	2.70	.....	1.71	.....	2.66	.....	4.55	.....	2.28	.....	1.54	.....	1.60	.....	0.02	.....	0.30	.....	18.43	.....
Dowling	0.20	.....	0.97	.....	0.55	.....	2.80	.....	3.05	.....	3.32	.....	1.00	.....	1.95	.....	0.80	.....	2.22	.....	0.05	.....	0.76	.....	17.67	.....
Dumont	0.88	.....	0.81	.....	2.98	.....	6.14	.....	2.66	.....	3.37	.....	3.21	.....	2.08	.....	1.54	.....	1.52	.....	0.27	.....	0.57	.....	26.03	.....
Eales	0.66	.....	1.24	.....	0.78	.....	1.55	.....	2.57	.....	3.90	.....	1.75	.....	0.56	.....	1.07	.....	1.99	.....	0.02	.....	0.54	.....	16.63	.....
Elk Mountain	0.14	.....	0.53	.....	0.24	.....	1.90	.....	1.86	.....	1.27	.....	2.04	.....	1.48	.....	0.74	.....	1.84	.....	0.10	.....	0.39	.....	12.53	.....
Ellingson	T.	.....	1.49	.....	1.21	.....	0.70	.....	1.27	.....	7.08	.....	3.18	.....	1.23	.....	0.52	.....	0.94	.....	T.	.....	0.68	.....	18.30	.....
Faith	0.21	.....	2.14	.....	0.68	.....	2.63	.....	2.47	.....	2.99	.....	1.62	.....	0.55	.....	1.10	.....	2.26	.....	.....	.....	.....	.....	.....	.....
Fort Meade	T	−0.69	0.89	+0.26	0.30	−1.17	3.10	+0.81	1.08	−3.07	2.10	−1.44	3.25	+1.02	1.24	−0.70	1.43	+0.48	2.25	+1.25	0.00	−0.59	0.60	−0.03	16.24	−3.87
Goldfield	0.20	.....	1.00	.....	0.40	.....	2.57	.....	2.74	.....	3.20	.....	1.54	.....	1.71	.....	.....	.....	2.29	.....	0.00	.....	0.75	.....	.....	.....
Greenmont	0.43	.....	1.36	.....	1.32	.....	1.42	.....	2.02	.....	4.73	.....	3.93	.....	1.10	.....	2.50	.....	1.12	.....	0.11	.....	0.40	.....	20.44	.....
Hardingrove	0.15	.....	0.39	.....	1.15	.....	2.42	.....	2.77	.....	2.76	.....	1.35	.....	1.98	.....	3.05	.....	2.77	.....	0.07	.....	0.27	.....	19.13	.....
Hardy Ranger Station	1.79	.....	.....	.....	.....	.....	3.46	.....	3.09	.....	2.14	.....	3.56	.....	3.29	.....	1.74	.....	2.55	.....	0.36	.....	0.31	.....	.....	.....
Harveys Ranch	0.37	.....	0.61	.....	2.31	.....	3.43	.....	3.45	.....	1.40	.....	3.78	.....	0.25	.....	2.20	.....	0.95	.....	0.25	.....	0.80	.....	19.80	.....
Hermosa	0.05	.....	1.16	.....	0.04	.....	1.46	.....	0.97	.....	2.83	.....	0.90	.....	.....	.....	0.52	.....	1.91	.....	0.02	.....	0.29	.....	.....	.....
Hopewell	0.15	.....	0.55	.....	0.60	.....	1.80	.....	4.30	.....	3.23	.....	1.11	.....	1.23	.....	0.73	.....	2.74	.....	T.	.....	0.34	.....	16.78	.....
Hot Springs	0.04	.....	0.52	.....	0.15	.....	2.20	.....	3.22	.....	2.12	.....	0.43	.....	1.87	.....	1.01	.....	2.00	.....	0.00	.....	0.31	.....	13.87	.....
Kadoka	0.03	.....	0.59	.....	0.46	.....	2.57	.....	3.11	.....	2.54	.....	0.95	.....	3.07	.....	1.37	.....	2.54	.....	0.06	.....	0.85	.....	18.14	.....
Lead ‡	0.41	.....	1.10	.....	1.82	.....	5.14	.....	3.08	.....	2.92	.....	2.80	.....	1.82	.....	1.49	.....	2.02	.....	0.20	.....	0.51	.....	23.32	.....
Lemmon	0.01	.....	0.81	.....	1.30	.....	0.85	.....	1.59	.....	7.12	.....	0.86	.....	1.48	.....	.....	.....	.....	.....	0.00	.....	0.64	.....	.....	.....
Marston	0.46	.....	1.82	.....	1.05	.....	2.38	.....	3.26	.....	5.79	.....	1.03	.....	1.53	.....	0.76	.....	2.20	.....	T.	.....	0.32	.....	20.60	.....
Meadow	T.	.....	1.30	.....	1.10	.....	0.97	.....	2.04	.....	5.21	.....	0.60	.....	3.08	.....	1.83	.....	1.78	.....	0.15	.....	0.75	.....	18.81	.....
Mobridge	0.35	.....	0.28	.....	0.90	.....	1.06	.....	3.24	.....	6.81	.....	3.05	.....	3.49	.....	0.54	.....	2.70	.....	0.20	.....	0.55	.....	23.17	.....
Murdo	T	.....	1.50	.....	1.00	.....	2.50	.....	2.02	.....	4.38	.....	2.17	.....	2.10	.....	1.22	.....	3.10	.....	0.00	.....	0.30	.....	20.29	.....
Oelrichs	0.15	−0.78	0.90	−0.05	T.	−1.62	4.90	+2.95	3.58	+0.80	2.89	−0.23	.....	.....	1.07	−0.36	0.90	−0.28	1.44	+0.12	0.10	−0.55	0.40	−0.34	.....	.....
Onida	0.16	.....	0.68	.....	0.43	.....	2.33	.....	2.24	.....	4.59	.....	2.70	.....	2.28	.....	0.84	.....	1.76	.....	T.	.....	0.36	.....	18.37	.....
Orman	0.04	.....	0.65	.....	0.61	.....	1.22	.....	1.82	.....	1.80	.....	1.85	.....	1.12	.....	1.09	.....	2.23	.....	0.00	.....	0.41	.....	12.84	.....
Ottumwa	0.14	.....	1.50	.....	0.80	.....	1.40	.....	3.55	.....	1.60	.....	0.50	.....	.....	.....	1.29	.....	2.67	.....	0.00	.....	0.50	.....	.....	.....
Pierre	0.43	−0.03	1.35	+0.91	0.79	−0.54	1.78	−0.20	3.54	+1.41	5.72	+2.64	1.53	−0.82	2.19	+0.18	0.79	−0.32	1.95	+1.14	T.	−0.43	0.22	−0.28	20.29	−3.66
Pine Ridge	0.04	.....	0.48	.....	0.14	.....	3.99	.....	0.70	.....	1.05	.....	1.65	.....	0.38	.....	0.67	.....	1.17	.....	0.04	.....	0.24	.....	10.55	.....
Pollock	0.37	.....	0.18	.....	0.87	.....	0.61	.....	3.05	.....	5.91	.....	1.35	.....	3.17	.....	0.79	.....	2.28	.....	0.09	.....	0.58	.....	19.25	.....
Rapid City	0.01	−0.43	0.95	+0.49	0.62	−0.43	1.58	−0.72	1.61	−1.30	3.07	−0.52	2.17	−0.38	1.95	−0.16	1.22	−0.04	1.65	+0.55	0.04	−0.42	0.46	0.00	15.33	−3.36
Redig	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	.....	0.48	.....	.....	.....
Rochford	0.08	.....	0.43	.....	0.59	.....	2.98	.....	1.69	.....	3.65	.....	3.94	.....	1.85	.....	1.21	.....	1.25	.....	0.09	.....	0.27	.....	18.03	.....
Rosebud	0.10	−0.77	1.96	+1.29	0.90	−0.32	4.16	+2.01	2.37	−0.14	2.17	−0.35	2.25	−0.41	2.85	+0.90	1.45	+0.44	2.18	+1.19	0.20	−0.46	1.25	+0.16	21.83	+3.54
Sorum	0.47	.....	2.66	.....	1.48	.....	1.28	.....	2.24	.....	4.75	.....	3.53	.....	0.46	.....	0.70	.....	1.89	.....	T.	.....	0.22	.....	19.68	.....
Spearfish	T.	−0.82	0.12	−0.78	0.35	−1.37	2.80	+0.40	3.40	−0.07	1.81	−2.26	1.30	−0.69	2.28	+0.65	1.07	−0.39	2.54	+1.21	0.00	−0.60	0.45	−0.34	16.12	−5.06
Tama	0.33	.....	1.05	.....	0.50	.....	1.60	.....	1.15	.....	1.75	.....	.....	.....	0.40	.....	0.50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Timber Lake	T.	.....	0.86	.....	1.24	.....	0.62	.....	3.76	.....	6.44	.....	4.18	.....	2.57	.....	1.17	.....	1.65	.....	0.70	.....	0.38	.....	23.90	.....
Vale	.....	.....	0.42	.....	0.24	.....	2.51	.....	1.80	.....	3.56	.....	2.21	.....	1.21	.....	1.17	.....	1.63	.....	0.00	.....	0.27	.....	15.02	.....
Vivian	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.50	.....	2.08	.....	0.00	.....	0.21	.....	.....	.....
Waters Ranch	0.09	.....	0.57	.....	0.40	.....	2.34	.....	2.90	.....	2.38	.....	1.12	.....	1.49	.....	1.21	.....	3.24	.....	T.	.....	0.39	.....	16.13	.....
Wood	0.05	.....	1.50	.....	0.64	.....	3.77	.....	2.36	.....	2.39	.....	1.74	.....	2.81	.....	2.09	.....	2.65	.....	T.	.....	0.52	.....	19.83	.....
For the State	0.35	−0.11	0.87	+0.27	0.73	−0.47	2.69	+0.71	3.16	+0.47	5.01	+2.36	2.09	−0.93	2.00	−0.50	2.10	+1.08	2.04	+0.49	0.04	−0.59	0.50	−0.05	21.57	+2.74

The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow. ‡ The precipitation data for Lead, published above, are those obtained in Lead. The data published in the monthly reports from January to June, 1914, are those obtained about two miles from Lead.

Monthly and Annual Precipitation for the Year 1915, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division.																										
(East of 100th Meridian)																										
Aberdeen	1.20	+0.40	3.80	+2.91	1.62	−0.25	2.57	−0.75	3.77	−0.10	9.12	+5.08	2.70	−0.52	5.44	+2.81	2.72	+0.90	2.68	+0.89	1.32	+0.46	0.40	−0.43	37.34	+10.90
Academy	0.47	+0.06	2.79	+2.31	2.18	+1.06	3.25	+0.83	4.41	+1.24	5.57	+1.94	5.89	+2.30	0.66	−2.34	1.85	+0.29	1.33	−0.18	0.16	−0.27	0.62	−0.10	29.18	+7.14
Alexandria			2.63	+2.02	0.63	−0.76	3.98	+0.58	7.17	+3.01	5.67	+2.46	2.13	−0.54	1.60	−0.65	1.58	−0.38	0.60	−0.04	0.40	−0.19				
Armour	0.40	−0.16	2.95	+2.25	1.60	+0.44	4.16	+0.81	7.16	+3.31	6.86	+3.57	3.21	+0.51	2.28	+0.26	2.02	−0.06	0.18	−0.64	0.75	−0.01	33.57	+9.60		
Blunt	1.14		2.83		2.18		2.35		3.09		5.39				2.00		2.35		1.45							
Britton	0.90		2.75		0.32		2.17		5.06		6.66		2.70		3.45		2.35		4.23		0.83		0.50		31.92	
Brookings	0.18	−0.23	1.12	+0.63	0.18	−0.58	2.03	−0.06	2.12	−1.12	3.28	−0.38	3.04	+0.59	3.52	+0.71	2.68	+0.64	1.37	−0.11	0.28	−0.27	0.62	+0.09	20.42	−0.09
Bryant	0.27		1.38		0.85		2.04		1.71						2.11		2.20		1.40		0.21		0.71			
Castlewood	0.06		1.06		0.07		2.72		2.71		3.55		3.32		0.47		2.65		1.82		0.35		0.41		19.19	
Centerville	0.35	−0.11	2.29	+1.49	1.42	+0.25	1.18	−0.84	3.33	−0.71	4.90	+0.37	7.76	+3.41	2.40	−0.82	4.87	+2.26	1.27	−0.65	0.70	−0.03	0.63	−0.20	31.10	+4.42
Chamberlain			3.60	+3.26	0.79	−0.16	3.06	+1.22	3.34	+0.68	6.15	+2.18	6.77	+4.13	1.77	−0.99	3.63	+2.46	0.81	−0.42	0.48	+0.06	0.36	−0.13		
Clark	0.31	−0.19	1.15	+0.63	0.98	−0.16	1.71	+0.26	3.33	+0.20	5.52	+1.42	3.76	+0.82	0.99	−1.77	4.62	+2.22	2.02	+0.33	0.69	−0.06	0.52	−0.07	25.60	+3.63
De Smet	0.55	+0.06	1.51	+0.95	0.20	−0.86	1.78	+0.52	1.87	−0.99	3.67	+0.22	4.45	+1.73			1.32	−0.58	1.89	+0.29	0.16	−0.42				
Eureka	0.90		1.08		0.23		1.83		2.58		4.66		3.38		2.47		3.74		3.10		0.56		0.36		24.89	
Fairfax	0.90	+0.55					2.85	+0.34	4.24	+1.57	4.02	+0.98	5.00	+2.40	2.47	+0.04	1.64	+0.27	2.39	+1.24	T.		0.85			
Faulkton	0.64	+0.29	3.32	+2.84	0.83	−0.02	3.02	+1.00	3.57	−0.32	7.19	+2.99	6.85		1.46		3.03		1.85				0.46	+0.02	28.21	+9.26
Flandreau							2.42	−0.08	3.08	−0.87	4.33	+0.14	5.04	+2.96	2.44	−0.87	3.95	+1.71	1.84	+1.04	0.39	−0.29				
Forestburg	0.45	−0.16	1.61	+1.00	1.67	+0.66	2.30	−0.14	2.45	−0.39	5.05	+1.33	7.59	+4.73	1.07	−1.29	2.34	+0.61	1.44	−0.14	T.	−0.56	0.52	−0.03	26.31	+5.62
Greenwood	0.55	+0.02	2.96	+2.42	1.45	+0.30	1.77	−0.90	3.81	+0.77	4.40	−0.68	8.97	+5.50	5.85	+2.95	3.07	+1.04	1.80	−0.09	0.78	+0.10	0.77	+0.13	36.18	+12.92
Highmore	0.43	+0.17	1.28	+1.04	0.37	−0.54	2.50	+0.80	3.48	+1.06	4.87	+1.71	5.55	+3.08	0.78	−1.60	2.36	+0.98	1.15	+0.15	0.32	−0.11	0.28	−0.20	23.35	+6.54
Howard			1.66	+1.19	0.41	−0.55	2.60	+0.50	2.58	−0.18	4.49	+0.28	5.46	+2.27	2.42	−0.53	3.28	+1.13	1.70	−0.20	0.70	+0.08				
Howell	0.31	−0.02	0.90	+0.49	0.77	+0.10	2.94	+1.54	3.83	+0.48	4.17	+1.35	4.91	+2.55	1.42	−1.24	2.15	+0.80	1.41	+0.36	0.57	+0.13	0.38	−0.18	23.76	+6.36
HURON	0.45	−0.06	1.43	−0.99	1.06	+0.06	1.80	−0.85	2.05	−0.87	4.50	+0.72	4.14	+1.20	1.55	−1.69	1.69	0.00	1.06	−0.28	0.25	−0.33	0.73	+0.11	20.70	−0.40
Ipswich	0.30	−0.11	1.51	−0.99	0.32	−0.92	2.75	+0.75	3.21	−0.66	6.49	+2.98	2.07	−0.38	5.55	+2.57	3.30	+2.34	0.74	−0.23	0.49	+0.10	0.60	+0.13	27.52	+6.84
Kennebec	0.61	+0.20	1.82	+1.48	1.60	+0.77	2.54	+0.51	3.70	+1.42	5.87	+2.42	8.89	+6.78	0.59	−1.70	3.30	+2.34	1.21	+0.12	0.80	+0.30	0.40	−0.19	30.25	+14.22
Kimball	0.45	−0.06	2.31	+1.77	0.15	−0.80	3.26	+1.00	3.74	+1.24	5.55	+2.30	6.81	+3.91	1.33	−1.61	1.52	+0.24	1.20	+0.12	0.80	+0.30	0.40	−0.19	27.53	+8.32
La Delle	0.20	−0.37	1.88	+1.43	0.40	−0.55	2.09	−0.23	3.69	+0.19	6.48	+2.08	6.70	+2.93	2.22	−1.43	2.69	+0.34	2.49	+0.36			0.49	−0.13		
Marion	0.36	−0.34	5.46	+4.72	2.19	+1.21	1.98	−0.20	3.09	−1.07	5.04	+0.26	9.47	+5.69	1.69	−1.65	3.87	+1.03	0.83	−1.54	0.96	+0.07	0.74	−0.06	35.67	+8.11
Mellette	0.31	−0.09	2.10	+1.71	0.89	+0.02	2.09	+0.08	3.13	−0.10	5.47	+2.27	3.37	+0.55	1.70	−1.16	1.67	+0.05	2.35	+0.84	0.75	+0.23	0.65	+0.27	24.48	+4.67
Menno	1.30	+0.86	2.19	+1.59	1.35	+0.30	2.67	+0.77	3.41	−0.40	5.80	+1.52	7.59	+5.02	1.96	−0.80	4.25	+1.99	0.85	−1 25	0.77	+0.03	0.56	−0.10	32.70	+9.53
Milbank	0.60	0.00	1.76	+1.01	3.06	+1.82	4.12	+1.89	5.13	+1.78	5.78	+1.85	3.27	−0.48	1.33	−1.53	2.16	+0.20	2.64	+0.92	0.25	−0.53	0.49	−0.22	30.59	+7.17
Mitchell			2.83	+2.29	1.14	+0.02	2.65	−0.12	4.65	+1.33	6.63	+2.61	8.84	+5.55	1.13	−1.57	2.22	+0.15	1.71	−0.21	0.07	−0.54	0.63	+0.04		
Onaka	0.70		3.00		0.95		3.14		3.97		6.93		5.83		2.21		1.80		2.54		0.40		0.45		31.92	
Parkston	1.59		4.93		2.66		2.87		4.11		4.46		7.61		1.02		3.21		1.81		0.48		1.61		36.66	
Pearl Creek	0.19		1.77		0.83		2.14		2.11		5.61		4.78		1.91		1.69		1.27		0.35		0.56		23.11	
Redfield	0.85	+0.56	1.89	+1.46	0.99	+0.34	2.13	+0.37	2.87	−0.04	3.58	+0.84	4.86	+1.90	1.89	−1.33	2.02	+0.16	1.82	+0.47	0.28	−0.12	0.58	+0.21	23.76	+4.81
Roslyn	0.49		1.11		0.35		1.34		4.40		6.38		2.63		1.00		4.85		1.79		0.50		0.66		25.50	
Sioux Falls	0.03	−0.51	1.96	+1.26	1.07	−0.16	1.33	−1.25	3.29	−0.98	5.07	+0.76	6.41	+2.98	1.81	−1.43	4.08	+1.81	1.31	−0.55	2.60	+1.80	0.46	−0.30	29.41	+3.44
Stephan	0.45	−0.01	1.73	+1.36	1.00	+0.55	2.50	+1.28	3.35	+0.50	4.42	+1.81	8.22	+5.35	0.55	−1.95	2.66	+1.46	0.99	−0.06	0.86	+0.45	0.53	+0.01	27.26	+10.66
Tyndall	0.46	+0.02	2.62	+2.16	2.04	+0.68	2.69	−0.20	2.97	−1.04	4.20	+0.98	6.72	+3.30	2.74	−0.77	4.38	+2.76	1.36	−0.89	0.41	−0.22	0.59	−0.08	31.09	+6.69
Vermilion			1.90	+1.03	1.92	−0.74			5.18	+1.98	4.77	+0.73	8.02	+3.86	0.51	−2.66	3.76	−0.08	1.24	−1.20	1.03	+0.13	0.32	−0.45		
Watertown	0.40	−0.07	1.64	+1.12	0.55	−0.16	1.11	−1.36	3.01	−0.33	5.20	+1.65	3.38	+0.12	0.57	−2.63	5.49	+3.59	1.80	+0.13	0.10	−0.50	0.41	−0.02	23.66	+1.64
Wentworth	0.34	−0.09	1.11	+0.63	0.68	−0.22	2.10	−0.24			4.11	+0.36	6.97	+3.94	2.36	−0.70	2.83	+0.24	1.15	−0.66	1.03	+0.40	0.41	−0.17		
White Lake	0.40		2.38		2.10		2.45		3.31		4.91		7.01		0.66		2.05		1.30		0.25		0.63		27.45	
Winner	0.62		2.78		1.51		3.23		3.92		6.64		6.65				2.98		1.31		0.30					
Yankton	1.42	+0.86	4.00	+3.42	1.44	+0.39	2.37	−0.43	4.14	+0.24	4.99	+0.72	8.21	+4.69	1.11	−2.01	3.49	+1.04	1.18	−0.39	0.89	+0.10	0.71	−0.02	33.95	+8.52
Western Division.																										
(West of 100th Meridian)																										
Ardmore	0.48		0.66		0.86		2.71		5.45		6.51		5.14		1.37		4.70		0.81		0.11		1.08		29.88	
Belle Fourche	0.68		0.71		0.29		1.82		2.13		6.33		3.30		1.07		0.88		0.94		0.09		0.23		18.47	
Camp Crook	0.29	−0.34	1.00	+0.40	0.14	−1.02	1.04	+0.02	2.72	+0.57	5.95	+3.32	4.87	+3.17	1.86	+0.45	1.00	−0.15	0.80	+0.18	0.36	−0.06	0.68	−0.30	20.11	+6.24
Cedar Canyon	1.20		0.35		1.20		1.80		4.05		6.40		6.95		1.15		1.47		0.49		0.22					
Cottonwood	0.39		1.57		0.64		2.80		6.91		4.79		4.59		2.51		2.42		0.90		T.		0.10		27.62	
Custer	0.58		1.87		0.30		1.83		3.57		5.14		4.18		3.65		2.44		0.74		0.36		0.35		25.01	
Cutmeat	1.15	+0.33	1.85	+1.13	2.00	+0.79	0.48	−1.77	3.34	+0.83							4.24	+3.23	1.62	+0.63	1.76	+1.10	0.70	−0.39		
Daviston	0.40				0.40				4.32		6.40		7.27		2.54				0.60		0.15		0.55			
Deadwood	2.91		1.70		2.75		2.82		6.05	+2.57	6.03	+2.55	7.17	+4.70	2.68	+0.35	1.45	−0.26	2.15	+0.32	1.12	−0.16	1.00	−0.60	37.83	
Deerfield	1.36		0.48		0.41		2.37		2.94		4.02		4.19		5.96		1.86		0.92		0.39		0.73		25.63	
Dowling	1.10		1.95		1.43		2.75		6.70		8.32		8.89		3.52		3.28		0.83		0.50		0.62		39.89	
Dumont	4.23		1.90		2.20		2.83		3.00		4.09		7.66		4.09		1.52		1.46		1.44		1.78		36.29	
Eagle Butte							2.00		4.25		3.94		8.80													
Eales	1.57		1.60		0.74		2.33		2.41		4.68		7.92		0.82		1.26		2.59		0.41		0.39		20.72	
Elk Mountain	1.75		0.30		0.90		2.07		1.76		5.19		5.87		3.92		4.04		0.26		0.48		0.53		27.07	
Ellingson	0.04		0.35		0.19		1.41		2.82		5.67		7.04		1.56		1.14		0.55		0.22		0.54		21.53	
Faith									4.48		2.11		7.99		1.74		1.84		0.95		0.12					
Fort Meade	1.05	+0.38	0.85	+0.22	0.50	−0.97			6.25	+2.10	6.40	+2.86	5.80	+3.57	1.20	−0.74	1.30	+0.35	1.95	+0.95	0.90	+0.31	0.55	−0.68		
Goldfield	2.13		2.69		2.45		2.29		3.18		8.31		9.44		3.71		2.38		1.89		0.25		0.37		39.09	
Goodby															0.82				2.43		0.30		0.54			
Greenmont	2.94		1.05		1.15		1.20		4.40		4.02		5.28		4.15		1.10		1.27		1.03		0.47		28.06	
Hardingrove	0.99		2.02		1.33		3.68		6.59		5.70		8.42		1.97		2.25		0.82		0.46		0.45		34.68	
Hardy Ranger Station	5.50				2.20		3.74				4.70		3.38		3.46		1.70		3.29		3.75					
Harveys Ranch	3.55		2.87		1.05		1.30		2.05		4.20		8.42		4.86		1.15		1.25		0.77		1.20		32.67	
Hermosa	0.73		0.86		0.70		2.89		6.42		5.40		4.10		3.96		2.69		1.51		0.10		0.29		29.65	
Hopewell	0.99		2.05		2.05		3.29		4.20		5.52		6.10		1.49		1.92		1.13		0.24		0.32		29.30	
Hot Springs	1.05		0.64		0.80		2.50		5.39		4.81		5.47		4.14		5.20		0.89		0.40		0.72		32.01	
Kadoka	0.93		2.93		0.94		3.21		4.29		5.19		4.88		1.62		4.08		1.61		0.40		0.19		30.27	
Lead	3.50		1.52		1.75		2.28		4.67		4.92		6.06		2.55		1.75		1.58		1.64		0.95		33.17	
McIntosh													4.08		1.02		1.70		2.90		0.19		1.00			
Marston	1.25		2.90		1.75		3.23		3.06		5.42		7.16		0.46		2.06		1.22		0.72		0.47		29.69	
Meadow	0.50		0.70		1.05		1.63		3.17		4.72		5.76		2.89		1.52		0.98		0.06		0.15		23.13	
Mobridge	1.42		1.10		1.40		2.74		3.06		8.85		1.62		1.82		2.94		1.78		0.03		0.10		26.86	
Murdo	0.60						3.35		2.70		4.46		8.14		0.73		2.78		0.90		T.		T.			
Oelrichs	1.30	+0.37	2.45	+1.50	2.24	+0.62	4.95	+3.00	6.03	+3.25	6.84	+3.72	3.48	+2.06	3.76	+2.33	7.16	+5.98	1.50	+0.18	0.91	+0.26	1.65	+0.91	42.27	+24.17
Onida	0.58		4.68		0.71		2.85		3.81		4.66		6.82		1.44		2.38		1.47		0.70		0.16		30.26	
Orman	0.78		0.45		0.49		2.53		2.47		4.38		6.22		1.73		1.13		1.10		0.43		0.17		22.48	
Ottumwa	0.60		1.50		1.80		3.69		3.79		4.89		8.38		3.57		2.83		0.90		0.32		0.40		32.67	
Pierre	0.73	+0.27	1.81	+1.37	0.58	−0.75	2.63	+0.65	2.56	+0.43	4.12	+1.04	6.12	+3.77	0.55	−1.46	2.18	+1.07	1.20	+0.39	0.84	+0.41	0.25	−0.25	23.57	+6.94
Pine Ridge	0.57	+0.26	0.96		0.93	+0.26	2.89	+1.41	2.09	−0.62	3.66	+0.83	4.14		1.93		3.87		0.83		0.52		0.57		22.96	
Pollock	0.39		0.60		0.70		2.53		3.61		5.25		4.28		2.74		3.76		2.80		0.30		0.22		27.18	
Rapid City	1.15	+0.71	0.95	+0.49	0.87	−0.18	2.81	+0.51	3.41	+0.50	5.95	+2.36	4.62	+2.07	3.35	+1.24	1.84	+0.58	1.69	+0.59	0.16	−0.30	0.34	−0.12	27.14	+8.45
Redig	0.47		0.28		0.08		1.16		1.90		4.54		5.46		1.51		0.99		0.68		0.49		0.29		17.85	
Rochford	2.67		1.50		0.81		1.83		4.01		5.34		6.34		7.90		1.62		1.15		0.60		1.03		34.80	
Rosebud Agency																	3.46		1.78		0.85					
Scenic	1.03		0.14		0.81		1.31		2.77		5.60		5.70		2.74		1.17		0.86		0.49		0.90		23.58	
Spearfish	1.16	+0.34	0.68	−0.22	1.07	−0.65	1.84	−0.56	3.30	−0.17	6.57	+2.50	2.93	+0.94	1.54	−0.09	0.79	−0.67	0.30	−0.30	0.97	+0.18				
Timber Lake	1.04		0.95		1.44		6.36		3.44		6.28		6.91		0.80		4.15		2.08		0.65		0.22		25.77	
Vale	1.13		0.37		0.41		2.60		3.17		6.91		5.79		2.09		1.78		1.18		0.06		0.03		26.04	
Vivian	0.50		1.77		1.25		2.62		3.02		4.31		6.76		1.12		3.16		1.12		0.38		0.47		26.24	
Waters Ranch	1.85		1.24		1.78		2.58		3.27		6.38		4.53		1.31		1.33		0.86		0.47		0.64		33.49	
Wood	0.53		2.59		0.82		4.44		4.52		5.82		5.72		1.00		4.74		2.02		0.78		0.51		28.54	
For the State	0.97	+0.10	1.82	+1.52	1.10	−0.03	2.47	+0.20	3.64	+0.30	5.34	+1.69	5.80	+2.93	2.21	−0.67	2.62	+1.00	1.51	+0.02	0.56	+0.05	0.55	−0.08	28.54	

The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1916, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
*Eastern Division.																										
Aberdeen	2.25	+1.45	0.65	−0.24	2.40	+0.53	2.15	−1.17	6.48	+2.61	5.24	+1.20	5.76	+2.54	5.15	+2.02	4.15	+2.33	0.30	−1.49	0.30	−0.56	2.05	+1.22	36.88	+10.44
Academy	0.64	+0.23	0.15	−0.33	0.60	−0.52	2.03	−0.39	4.01	+0.84	3.78	+0.15	2.09	−1.50	2.97	−0.03	1.21	−0.35	0.68	−0.83	0.30	−0.13	0.67	−0.05	19.13	− 2.91
Alexandria	1.74	+1.19	0.28	−0.33	0.64	−0.75	2.22	−0.62	4.45	+1.05	2.46	−1.76	0.25	−2.96	2.42	−0.25	1.54	−0.71	0.20	−1.76	0.05	−0.59	0.50	−0.09	16.75	− 7.52
Armour	1.38	+0.82	0.25	−0.45	0.32	−0.84	2.58	−0.10	3.69	+0.34	3.68	−0.17	0.41	−2.88	2.50	−0.20	0.83	−1.19	0.79	−1.29	0.37	−0.45	0.55	−0.21	17.35	− 6.62
Britton	2.65		0.20		1.20		2.17		6.03		6.40		7.25		5.45		2.64		T.		0.10		1.50		35.59	
Brookings	1.47	+1.06	0.32	−0.17	0.50	−0.26	2.95	+0.86	3.70	+0.46	4.27	+0.61	0.40	−2.05	2.03	−0.78	0.84	−1.20	0.45	−1.03	0.03	−0.52	0.36	−0.17	17.32	− 3.19
Bryant	1.38		0.51		0.81		2.14		5.69		4.28		2.37		5.34		1.23		0.64		T.		0.44		24.83	
Canton			0.40	−0.08	0.68	−0.43	2.07	−0.36	4.66	+0.84	4.44	−0.31	3.22	−0.66	2.36	−0.36	1.45	−0.90	0.76	−1.14	0.25	−0.66	0.40	−0.18		
Castlewood	0.77		0.22		0.80		1.68		3.98		3.65		2.39		7.22		0.89	−1.10	0.67	−0.87	0.02	−0.58	0.09	−0.19	22.38	
Centerville	1.10	+0.64	0.49	−0.31	0.62	−0.55	1.95	−0.07	5.09	+1.05	2.32	−0.65	3.85	−0.50	1.48	−1.74	2.29	−0.32	0.83	−1.09	0.37	−0.36	0.55	−0.28	22.83	− 3.85
Chamberlain	1.61	+1.24	0.13	−0.21	0.20	−0.75	1.31	−0.53	4.18	+1.52	4.21	−0.32														
Clark	2.20	+1.70	0.82	+0.30	1.38	+0.24	1.53	−0.44	5.77	+2.64	3.61	−0.49	3.05	+0.11	9.62	+6.86	1.49	−0.90	0.99	−0.70			1.37	+0.78		
Crow Creek							1.00		3.69		4.73		1.98		4.23				0.47				0.55			
De Smet			0.04	−0.52													0.73	−1.17	1.90	+0.30	T.	−0.58			21.28	
Eureka	0.79		0.13		1.78		0.88		3.59		4.16		3.70		4.62		1.05		0.29		0.23		0.06			
Fairfax	0.93	+0.58	0.11		0.30	−0.40	1.38	−0.64	4.09	+0.20	3.80	−0.40	0.96		2.47		0.38	−1.26	0.24	−1.81	0.55	+0.15	0.49	+0.02	15.70	
Faulkton	1.44	+1.09	0.71	+0.23	1.62	+0.17	1.45	−1.06	6.07	+3.40	2.48	−0.56	2.43	−0.17	4.40	+1.97	1.34	−0.03	0.52	−0.63	T.	−0.46	1.14	+0.52	22.66	+ 1.58
Flandreau	1.61	+1.20	0.16	−0.41	1.06	+0.03	4.26	+1.76	3.93	0.00	5.16	+0.97	1.81	−1.15	1.51	−0.92	0.89	−1.35	1.31	−0.51	0.65	−0.75	0.27	−0.41	22.02	− 1.54
Forestburg	1.82	+1.21	0.10	−0.51	0.99	−0.02	1.20	−1.24	5.30	+2.46	4.16	+0.44	1.14	−1.72	1.76	−0.60	1.19	−0.54	0.84	−0.74	0.05	−0.51	0.42	−0.13	18.97	− 1.90
Gannvalley							0.93		3.70	+0.78	3.97	+0.07	3.66	+0.05	4.17		1.10	−0.35	0.56	−0.47	0.10	−0.35	0.51	−0.23		
Greenwood	1.39	+0.86																								
Highmore	1.40	+1.14	0.27	+0.03	0.74	−0.17	0.89	−0.81	4.15	+1.73	4.54	+1.38	2.00	+0.47	4.10	+1.72	2.75	+1.37	0.58	−0.42	0.13	−0.39	0.47	+0.07	22.02	+ 6.21
Howard	1.71	+1.40			0.55	−0.41	1.82	−0.28	4.97	+2.21	3.05	−1.16	0.57	−2.62	2.69	−0.26	2.14	−0.01	0.39	−1.51						
Howell	0.92	+0.59	0.28	−0.13	0.81	+0.14	0.78	−0.62	3.62	+0.27	2.59	−0.23	1.39	−0.97	6.13	+3.47	1.04	−0.31	0.64	−0.41	0.66	−0.38	0.58	+0.02	18.84	+ 1.44
HURON	2.00	+1.49	0.55	+0.08	0.89	−0.10	1.16	−1.49	3.83	+0.91	3.51	−0.27	1.56	−1.38	5.70	+3.06	1.78	+0.09	0.49	−0.85	0.05	−0.53	1.14	+0.52	22.66	+ 1.58
ipswich	0.96	+0.54	0.43	−0.09	1.53	+0.29	1.28	−0.72	5.62	+1.75	4.19	+0.68	4.91	+2.46	3.93	+0.95	2.29	+0.38	0.19	−0.87	0.09	−0.32	0.71	+0.39	26.12	+ 5.44
Kennebec	2.45	+2.04	0.50	+0.16	0.68	−0.15	1.17	−0.86	3.56	+1.28	2.24	−0.71	1.67	−0.44	2.53	+0.24	1.05	+0.09	1.07	+0.10	0.25	−0.14	0.50	+0.43	18.07	+ 2.04
Kimball									3.84	+1.31	4.92	+1.67	1.94	−0.96	4.03	+1.19	1.80	+0.52	0.13	−0.96	T.	−0.50				
La Delle	1.14	+0.51	0.11	−0.34	1.34	+0.39	1.66	−0.66	7.01	+3.51	4.71	+0.31	3.06	−0.71	7.21	+3.56	0.30	−2.05	0.20	−1.93	T.	−0.67	0.79	+0.17	27.53	+ 2.09
Marion	1.41	+0.72	0.15	−0.59	0.74	−0.24	2.61	+0.33	4.25	+0.09	5.01	+0.22	3.20	−0.58	1.34	−2.00	2.02	−0.82	0.87	−1.50	0.09	−0.80	0.42	−0.38	22.01	− 5.55
Mellette	2.00	+1.60	1.20	+0.81	0.59	−0.28	1.42	−0.59	5.03	+1.80	2.89	−0.31	2.39	−0.43	6.57	+3.71	1.40	−0.22	0.49	−1.02	1.00	+0.48	2.10	+1.72	27.08	+ 7.27
Menno	1.40	+0.96	0.50	−0.10	0.17	−0.88	2.10	+0.20	4.10	+0.29	5.39	+1.11	3.39	−0.18	1.76	−1.00	1.63	−0.63	0.70	−1.40	0.45	−0.29	0.50	−0.10	22.09	− 2.08
Milbank	2.85	+2.25	0.39	−0.36	1.20	−0.04	2.72	+0.49	4.07	+0.72	5.04	+1.11	1.42	−1.37	5.18	+2.32	1.80	−0.06	0.67	−1.05	0.10	−0.68	0.72	+0.01	26.16	+ 3.34
Mitchell	1.55	+1.03	0.10	−0.44	1.09	−0.03	2.18	−0.59	5.40	+2.08	3.39	−0.63	0.96	−2.33	2.84	+0.14	1.79	−0.28	0.43	−1.49	0.25	−0.36	0.32	−0.27	20.30	− 3.17
Onaka	1.60		0.88		1.74		1.62		6.21		3.84		2.51		4.67		2.71		0.10		0.15		1.10		27.13	
Parkston	0.85		0.34		0.59		2.02		3.05		4.21		0.80		1.45		0.86				0.12		0.57			
Pearl Creek	1.29						0.96		4.45		1.88		2.99		3.76		1.07		0.40		0.03		0.38			
Redfield	1.15	+0.86	0.47	+0.04	1.16	+0.51	1.11	−0.65	5.13	+2.22	4.21	+0.82	2.01	−0.95	5.19	+1.97	1.42	−0.45	0.55	−0.80	T.	−0.40	2.12	+1.75	23.87	+ 4.92
Roslyn	1.88		0.12		1.31		1.88		5.36		3.84		5.02		6.37		1.72	−0.76	0.44	−1.14	0.04	−0.50	0.90	+0.38	28.91	
Sioux Falls	1.88	+1.34	0.25	−0.44	0.43	−0.79	3.50	+0.92	4.53	+0.26	3.44	−0.87	2.75	−0.68	1.83	−1.41	2.25	−0.02	0.65	−1.21	0.27	−0.53	0.48	−0.28	22.26	− 3.71
Stephan	1.00	+0.54	0.60	+0.23	0.49	+0.04	0.96	−0.34	3.90	+1.05	6.19	+3.58	2.42	−0.45	2.77	+0.27	1.65	−0.44	0.20	−0.85	T.	−0.41	1.10	+0.58	21.23	+ 3.80
Tyndall	0.97	+0.53	0.15	−0.31	0.12	−1.24	2.47	−0.42	4.58	+0.57	2.80	−0.42	5.43	+2.01	1.64	−1.87	1.93	+0.30	0.76	−1.49	0.20	−0.43	0.35	−0.23	21.40	− 3.00
Vermilion	1.65	+1.25	0.45	−0.42	0.86	−0.32	3.06	+0.53	4.47	+0.37	3.46	−0.58	4.11	−0.05	1.56		3.02	−0.66	1.07	−1.37	0.84	−0.06	1.05	+0.28	25.29	− 2.95
Wagner					0.13		1.71		3.10		2.85		1.22		1.64		1.64		0.47		0.12		0.33			
Watertown	1.85	+1.38	0.69	+0.17	1.09	+0.38	1.53	−0.94	3.62	+0.28	4.40	+0.85	3.06	−0.20	7.40	+4.20	1.25	−0.65	0.37	−1.30	0.02	−0.58	0.65	+0.22	25.93	+ 3.81
Wentworth	1.94	+1.51	0.43	−0.05	1.25	+0.35	2.82	+0.48	4.83	+1.42	6.45	+2.70	1.40	−1.63	2.16	−0.90	1.51	−1.08	1.19	−0.62	0.17	−0.46	0.40	−0.18	24.55	+ 1.24
White Lake	1.01		0.23		0.45		1.14		4.35		2.65		1.55		3.40		1.86		0.15		T.					
Winner			T.				1.05		2.30		4.16		2.13		2.87		0.93		0.48							
Yankton	1.48	+0.92	0.29	−0.32	0.65	−0.49	1.74	−1.06	3.35	−0.55	4.68	+0.41	3.83	+0.31	1.70	−1.42	2.89	+0.44	0.91	−0.66	0.39	−0.40	0.49	−0.24	22.40	− 3.06
*Western Division.																										
Ardmore	0.25		0.35		0.54		1.04		3.71		2.58		1.80		1.90		0.02		0.85		0.39		0.14		13.57	
Bellefourche	0.30		0.38		1.72		1.37		3.31		2.63		1.50		1.75		0.00		1.00		0.28		0.90		16.14	
Bison									3.71		3.18		2.27		2.42		0.76		0.56		0.62		1.10			
Camp Crook	0.66	+0.03	0.47	+0.07					3.05	+0.90	2.02	−0.61	0.85	−0.85	1.08	+0.33	0.31	−0.84	0.30	−0.32	0.17	−0.25	0.73	+0.35		
Cedar Canyon			0.10		2.63		0.21		2.82		3.55		1.82		1.47		0.05		1.40		0.15		1.20			
Cottonwood	0.40		0.02		0.29		0.82		3.87		1.83		1.80		2.22		0.18		0.57		0.15		0.14		12.22	
Custer	0.80		0.25		0.70		0.45		1.14		1.45		1.96		1.15		0.06		0.66		0.40		0.25		9.27	
Cutmeat	1.60	+0.78	0.30	−0.42	0.94	−0.27	0.93	−1.32	2.62	+0.11	2.62	+0.10	0.30	−2.36	3.15	+1.20	0.12	−0.89	1.10	+0.11	0.50	−0.16	0.95	−0.14	15.13	− 3.26
Daviston			0.40		2.50		0.70																			
Deadwood	0.36	−0.90	1.00	−0.24	4.45	+2.22	2.70	−1.98	5.15	+0.71	3.40	−0.08	3.30	+0.83	3.45	+0.12	0.55	−1.16	1.75	−0.08	0.85	−0.43	2.40	+0.80	29.36	− 0.19
Deerfield	0.43		0.63		1.34		1.20		1.84		4.83		1.29		2.95		0.20		0.89		0.37		0.82		16.79	
Dowling	0.90		0.30		1.67		1.70		4.12		3.16		3.52		4.42		0.15		0.47		0.50		1.00		21.91	
Dumont	0.33		1.02		2.39		2.17		2.58		3.30		2.43		2.95		0.32		1.34		1.23		2.05		22.13	
Eagle Butte							0.81		5.24		4.64		2.57		4.10		0.47		0.29		0.32		0.16			
Eales	1.50		1.19		1.97		1.11		4.37		3.32		3.13		4.73		0.60		0.15		0.07		1.23		23.37	
Elk Mountain	0.65		0.70		1.03		1.10		1.56		2.23		1.26		4.73		0.45		0.89		0.38		0.18		12.11	
Ellingson	0.70				1.17		2.25		1.86		2.95		2.14		1.68				0.12		0.82		0.60			
Fort Meade	0.90	+0.23	0.22	−0.41	4.75	+3.28	1.50	−0.79	4.12	−0.03	2.90	−0.64	5.32	+3.09	2.55	+0.61	0.10	−0.85	0.97	−0.03	0.71	+0.23	0.97	+0.34	25.12	+ 5.03
Goldfield	1.69		0.47		3.70				6.01		7.97		3.76				0.20						1.65			
Gooby	1.31		0.15																		0.98					
Greenmont	0.28		0.66		2.65				4.28		2.75		2.76		2.72		0.25		1.38		0.33		1.30		22.37	
Hardingrove	0.27		0.11		1.52		1.09		8.65		4.21		3.69		4.72		T		0.89		1.53		0.52		25.40	
Hardy Ranger Station							1.20		1.44		2.71		2.26		2.88		0.92		1.79		0.40		2.15			
Harveys Ranch	0.87		1.35		1.20		1.85		4.90		2.95		2.58		4.59		0.20		0.50		0.32		1.76		23.09	
Hermosa	0.52		0.30		0.88		1.39		3.83		2.25		1.12		1.96		0.10	−1.48	0.43	−0.61	0.25	+0.10	0.31	−0.22	13.41	
Hopewell	1.40		0.35		0.99		1.00		4.93		3.88		1.84		4.27		1.49		0.10		0.50		0.90		21.40	
Hot Springs	0.22		0.22		1.32		2.48		2.99		3.61		1.01		2.63		0.15		0.90		0.30		0.25		16.25	
Interior			T.		0.27		0.61		3.43		2.58		2.53		1.40		0.13		0.35		0.30		0.30			
Jefferson	2.64		0.59		4.28		2.03		3.27		3.29		2.16		2.23		0.10		1.03		0.32		1.08		23.60	
Kadoka	0.82		0.21		0.44		1.22		4.55		2.44		1.48		1.65		0.22		0.46		1.28		0.20		14.01	
Lead	0.43		0.82		4.79				5.49		3.12		2.28		2.61		0.54		1.44		0.08		1.95		27.06	
Lemmon							2.31				2.92		1.46		1.99		0.75		0.13		0.11		1.20			
McIntosh	1.10		0.60		1.03		1.66		4.75		2.13		1.29		3.29		1.10		0.27				0.95		18.19	
Marston	1.51		0.49		0.67		0.88		3.29		3.37		2.30		4.85		1.13		0.67		0.38		0.91		20.21	
Meadow	0.35		0.45		2.38		1.10		3.66		3.01		1.94		2.30		0.57		0.56		0.07		0.80		17.50	
Mobridge	1.30		0.28		1.25				3.00		2.64		3.39		4.37		0.77		0.29		0.35		0.57			
Murdo			0.20		0.05		1.85		2.51		3.17		0.98		3.08		0.00		0.05		1.25		0.70			
Oelrichs	0.50	−0.43	0.60	−0.35	0.81	−0.81	0.35	−1.60	4.38	+1.60	3.90	+0.78	2.07	−0.23	2.13	+0.70	T.	−1.18	0.75	−0.57	0.14	+0.60	0.20	−0.54	16.94	− 2.03
Onida	0.69		0.28		0.95		1.07		3.66		3.27		2.52		4.16		1.26		0.56		0.71		0.39		18.95	
Orman	0.36		0.27		1.43		0.73		3.42		2.93		1.69		1.31		0.11		1.24	+0.19	0.20	+0.38	0.50	0.00	14.70	
Ottumwa	1.00		0.30				1.78				3.13				4.86		0.09		0.85		0.08		0.90			
Pierre	1.06	+0.60	0.31	−0.16	0.38	−0.95	1.06	−0.92	5.81	+3.68	2.33	−0.75	2.50	+0.15	4.65	+2.64	1.06	−0.05	0.67	−0.14	0.38	−0.35	0.61	+0.11	20.52	+ 3.86
Pine Ridge	0.18	−0.13	0.19		0.73	+0.06	1.29		4.25		3.84	+1.01	3.03		1.01		0.37	−1.09	0.94	−0.45	0.20	+0.19	0.23	−0.31	16.44	
Pollock	1.04		0.56		1.71		1.44		4.16		3.25		3.10		3.23		1.33		0.40		0.51	−0.15	1.20	+0.66	21.62	
Rapid City	0.57	+0.13	0.44	−0.04	1.02	−0.03	1.24	−1.06	4.75	+1.84	2.30	−1.29	1.42	−1.13	2.36	+0.25	0.07	−1.19	0.52	−0.58	0.19	+0.05	0.75	+0.29	15.95	− 2.76
Redig	1.23		0.65		2.10		1.81		2.64		2.58		0.69		1.38		0.24		0.68		0.16		0.96		15.15	
Rochford	0.45		0.60		1.69		1.80		2.67		2.75		2.44		3.69		0.10		1.08		0.40		0.88		18.31	
Rosebud Agency			0.02		2.50		0.99		2.89		5.99		2.96		2.73		0.32		1.08		0.64		0.78			
Spearfish	0.23	−0.59	0.25	−0.65	1.59	−0.13	1.23	−1.17	3.48	+0.01	2.70	−1.37	4.31	+2.32	2.93	+1.30	0.12	−1.34	2.11	+0.78	0.61	+0.04	0.82	+0.03	20.41	− 0.77
Timber Lake	4.21		0.86		2.43		2.57		6.50		3.98		2.17		5.53				1.50		0.33		1.38			
Vale	0.15		0.21		1.29		1.10		4.08		3.09		1.26		2.04		0.18		0.76		0.12		0.69		15.78	
Vivian	1.15		0.04		0.29		1.08		3.46		3.53		3.52		3.52		0.90		0.57		0.86		0.30		18.45	
Waters Ranch	0.51		0.65		2.47		2.35		4.78		3.49		2.67		3.65		0.13		2.30		0.25		0.96		24.27	
Wood	1.26		0.14		0.68		0.71		3.45		2.67		2.25		2.94		0.37		1.21				0.58		19.01	
For the State	1.18	+0.85	0.40	−0.18	1.28	−0.08	1.58	−0.50	4.13	+1.19	3.74	+0.13	2.40	−0.48	3.30	+0.73	0.97	−0.52	0.72	−0.80	0.32	−0.31	0.80	+0.16	20.90	+ 0.21

The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1917, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division.																										
Aberdeen	1.23	+0.43	1.47	+0.58	1.64	−0.23	3.44	+0.12	0.82	−3.05	3.45	−0.59	1.98	−1.24	0.77	−2.36	3.53	+1.71	0.05	−1.74	0.16	−0.70	0.37	−0.46	18.91	−7.53
Academy	1.00	+0.59	0.43	−0.05	2.26	+1.14	3.19	+0.77	5.60	+2.43	2.55	−1.08	2.87	−0.72	0.87	−2.13	1.95	+0.39	0.21	−1.30	0.26	−0.17	0.93	+0.21	22.12	+0.08
Alexandria	1.65	+1.10							3.94	+0.54	2.03	−2.13	1.84	−1.37	1.11	−1.56	2.76	+0.51	0.03	−1.93	0.74	+0.10	0.45	−0.14		
Armour	1.10	+0.54	0.17	−0.53	2.00	+0.84	3.15	+0.47	7.14	+3.79	1.47	−2.38	4.29	+1.00	1.46	−1.24	1.61	−0.41	0.09	−1.99	0.32	−0.50	0.83	+0.07	23.63	−0.34
Britton	0.36		0.79		0.65		2.62		0.04		2.35		0.94		2.24		2.01		0.22		0.08		0.45		12.75	
Brookings	1.45	+1.04	0.50	+0.01	1.20	+0.44	3.19	+1.10	3.08	−0.16	3.49	−0.17	2.03	−0.42	1.20	−1.61	2.89	+0.85	0.12	−1.36	0.07	−0.48	0.31	−0.22	19.53	−0.98
Bryant			0.20		0.75		3.73		0.65		2.59		3.19		4.20		3.04		0.35		0.10		0.40			
Canton	1.60	+1.13	0.20	−0.28	2.00	+0.89	3.85	+1.42	2.95	−0.87	4.57	−0.18	1.92	−1.96	1.71	−1.01	1.55	−0.80	0.15	−1.74	0.15	−0.76	0.50	−0.06	21.15	−4.24
Castlewood	0.43	+0.16	0.38	+0.06	0.24	−0.24	3.92	+2.12	1.42	−1.25	3.85	−0.47	1.95	−0.83	2.09	−0.58	3.65	+1.66	0.25	−1.29	0.20	−0.40	0.41	+0.13	18.79	−0.93
Centerville	1.82	+1.36	0.62	−0.18	2.13	+0.96	2.98	+0.96	3.53	−0.51	5.94	+1.41	3.28	−1.07	1.80	−1.42	2.07	−0.54	0.15	−1.77	0.34	−0.39	0.75	−0.08	25.41	−1.27
Chamberlain							2.65	+0.81	3.45	+0.79	0.39	−2.58	2.75	+0.11	0.63	−2.13	1.85	+0.68	0.00	−1.23	T.	−0.42				
Clark	2.15	+1.65	0.63	+0.11	2.53	+1.39	3.64	+1.67	0.85	−2.28	4.65	+0.55	2.16	−0.78	2.20	−0.56	2.26	−0.13	0.23	−1.46	0.32	−0.43	0.55	−0.04	22.17	−0.31
Crow Creek	1.35		T.				2.36		3.29		1.82															
De Smet															1.81	−0.79			T.	−1.60						
Eureka	0.60		0.20		1.46		2.18		1.30		1.61		1.04		0.93		0.67		0.26		0.20		0.78		11.20	
Fairfax	0.65	+0.30	0.40	−0.24	2.70	+2.00	3.20	+1.18	9.31	+5.42	2.21	−1.99	2.03	−2.12	2.39	−0.35	2.55	+0.91	0.25	−1.80	0.08	−0.32	0.70	+0.23	26.47	+3.22
Faulkton	1.87	+1.52	2.12	+1.64	1.66	+0.21	3.45	+0.94	1.61	−1.06	1.07	−1.97	1.95	−0.65	1.56	−0.87	2.85	+1.48	0.10	−1.05	0.14	−0.32	0.41	−0.03	18.79	−0.16
Flandreau	1.21	+0.80	0.15	−0.42	1.52	+0.49	3.82	+1.32	2.41	−1.54	4.04	−0.06	2.60	−0.36	1.10	−2.21	1.83	−0.41	0.03	−1.79	0.13	−0.67	0.21	−0.47	19.05	−5.32
Forestburg	1.87	+1.26	0.22	−0.39	1.55	+0.54	2.58	+0.14	2.93	+0.09	1.22	−2.50	1.50	−1.36	0.66	−1.70	2.43	+0.70	0.07	−1.51	0.58	+0.02	0.29	−0.26	15.90	−4.97
Gannvalley	0.30	−0.29	0.05	−0.43	0.55	−0.27	2.36	+0.66	2.52	−0.40	1.58	−2.32	2.09	−1.46	1.52	−1.78	2.15	+0.70	T.	−1.03	0.17	−0.28	0.55	−0.19	13.84	−7.09
Highmore	1.12	+0.86	0.52	+0.28	1.27	+0.36	2.79	+1.09	2.04	−0.38	2.04	−1.12	1.91	−0.56	0.68	−1.70	2.03	+0.65	0.06	−0.94	0.07	−0.36	0.27	−0.13	14.80	−1.95
Howard			0.15	−0.32	1.15	+0.19	2.36	+0.26	4.50	+1.74	2.58	−1.63	1.57	−1.62	3.28	+0.33					0.15	−0.47				
Howell	1.22	+0.89	0.66	+0.25	1.44	+0.77	3.23	+1.60	1.66	−1.62	1.82	−1.33	1.52	−0.85	1.60	−1.19	2.47	+1.15	0.01	−1.06	0.10	−0.29	0.18	−0.32	15.91	−2.00
HURON	2.21	+1.70	0.44	0.00	1.02	+0.03	3.01	+0.36	1.99	−0.93	2.40	−1.38	3.65	+0.71	0.79	−1.85	1.87	+0.18	0.07	−1.27	0.26	−0.32	0.30	−0.32	18.01	−3.09
Ipswich	0.81	+0.40	0.23	−0.29	0.69	−0.55	2.64	+0.64	0.65	−3.22	2.92	−0.59	1.64	−0.81	1.36	−1.62	1.94	+0.03	0.10	−0.96	0.10	−0.31	0.33	+0.01	13.41	−7.27
Kennebec	1.65	+1.24	0.45	+0.11	1.25	+0.42	1.61	−0.42	3.13	+0.85	1.07	−1.88	0.89	−1.22	1.04	−1.25	1.17	+0.21	0.10	−0.87	0.10	−0.29	1.30	+0.83	13.70	−2.27
Kimball			T.	−0.54			3.35	+1.09	3.23	+0.73	2.34	−0.91	1.38	−1.52	0.66	−2.18										
La Delle	0.65	+0.02	0.16	−0.29	1.33	+0.38	4.02	+1.70	1.32	−2.18	2.90	−1.50	1.55	−2.22	3.77	+0.12	4.56	+2.21			0.74	+0.07	0.23	−0.39		
Marion	1.32	+0.63	0.47	−0.27	5.78	+4.80	8.78	+1.60	5.28	+1.12	3.47	−1.32	4.16	+0.38	1.28	−2.06	3.02	+0.18	T.	−2.37	0.44	−0.45	0.32	−0.48	29.32	+1.76
Mellette	1.90	+1.50	1.00	+0.61	3.10	+2.23	4.02	+2.01	0.72	−2.51	1.35	−1.85	2.15	−0.67	0.90	−1.96	3.45	+1.83	0.02	−1.49	0.05	−0.47	0.50	+0.12	19.16	−0.65
Menno	1.12	+0.68	0.90	+0.30	2.53	+1.48	3.51	+1.61	4.69	+0.88	3.46	−0.82	1.55	−1.02	3.20	+0.44	2.67	+0.41	T.	−2.10	0.15	−0.59	0.50	−0.16	24.28	+1.11
Milbank	1.64	+1.04	1.25	+0.50	3.09	+1.85	1.81	−0.42	1.16	−2.19	3.06	−0.87	2.09	−0.70	1.70	−1.16	3.78	+1.92	1.56	−0.16	0.16	−0.62	0.89	+0.18	22.19	−0.63
Mitchell	1.56	+1.04	1.18	+0.64	2.22	+1.10	3.28	+0.51	4.70	+1.38	2.00	−2.02	1.64	−1.65	1.35	−1.35	3.27	+1.20	0.18	−1.74	0.89	+0.28	0.19	−0.40	22.46	−1.01
Onaka	1.20		0.45		0.90		3.40		1.15		1.07		2.03		1.33		2.07		T.		0.24		0.25		14.09	
Parkston	1.99		0.52		2.40		3.18		7.31		2.01		0.79													
Pearl Creek	1.06				0.42		2.92		2.11		1.45		1.99		0.48		1.60		T.				0.52			
Redfield	2.38	+2.09	0.80	+0.37	2.25	+1.60	3.25	+1.49	1.48	−1.43	1.93	−0.81	1.00	−1.96	0.79	−2.43	1.97	+0.10	0.00	−1.35	0.00	−0.40	0.08	−0.29	15.93	−3.02
Roslyn	0.55	−0.08	0.32	−0.13	1.47	+1.01	3.47	+1.21	0.39	−2.76	4.67	+0.86	1.07	−1.73	0.87	−2.96	2.25	−0.23	0.20	−1.38	0.16	−0.38	0.37	−0.15	15.79	−6.72
Sioux Falls	2.10	+1.56	0.12	−0.57	3.10	+2.18	2.94	+0.36	2.51	−1.76	3.11	−1.20	1.41	−2.02	1.16	−2.08	1.58	−0.69	0.10	−1.76	0.32	−0.48	0.70	−0.06	19.45	−6.62
Stephan	1.15	+0.69	0.20	−0.17	1.20	+0.75	2.18	+0.88	2.64	−0.21	1.60	−1.01	2.71	−0.16	0.99	−1.51	2.16	+0.95	T.	−1.05	T.	−0.41	0.20	−0.32	15.03	−1.57
Tyndall	0.44	0.00	0.08	−0.38	1.67	+0.31	4.34	+1.45	6.31	+2.30	5.52	+2.30	2.38	−1.04	2.49	−1.02	2.40	+0.77	T.	−2.25	0.39	−0.24	0.43	−0.15	26.45	+2.05
Vermilion	1.50	+1.10	0.70	−0.17	1.84	+0.66	3.08	+0.55	3.51	−0.59	4.94	+0.90	1.99	−2.17	1.99	−1.18	1.32	−2.36	0.27	−2.17	1.00	+0.10	1.17	+0.40	23.31	−4.93
Wagner	1.12		0.67		2.65		3.38		0.47		2.54		2.45		1.67		2.13						0.30			
Watertown	1.43	+0.96	0.18	−0.34	1.52	+0.81	3.03	+0.56	0.46	−2.88	2.94	−0.61	2.21	−1.06	1.21	−1.99	3.28	+1.38	0.20	−1.47	0.08	−0.52	0.44	+0.01	16.99	−5.14
Wentworth	1.00	+0.57	0.78	+0.30	1.66	+0.76	3.32	+0.98	3.76	+0.05	3.43	−0.32	1.46	−1.57	2.92	−0.14	4.47	+1.88	0.13	−1.68	0.19	−0.44	0.41	−0.17	28.53	+0.22
White Lake			0.43		1.21		3.03		3.72				2.79		1.54		2.57		0.36		0.12		1.02			
Winner																										
Yankton	1.64	+1.08	0.39	−0.19	2.36	+1.22	2.89	+0.09	3.90	0.00	5.05	+0.78	1.96	−1.56	2.98	−0.14	3.32	+0.87	0.13	−1.44	0.45	−0.84	0.77	+0.04	25.84	+0.41
Western Division.																										
Ardmore	0.47		0.09		1.02		2.74		5.34		1.71		0.47		1.99		0.43		0.67		0.18		0.70		15.81	
Bellefourche	0.34		0.20		0.84		1.75		2.16		0.93				0.40		0.20		0.20		0.00		0.85			
Bison	1.10		0.35		0.60		1.73		1.96		2.32		1.44		1.91		0.44		0.29		0.75		0.55		13.35	
Camp Crook	0.31	−0.32	0.24	−0.16	0.85	−0.31	0.85	−0.17	3.02	+0.87	1.51	−1.12	0.96	−0.75	0.60	−0.81	0.10	−1.05	0.00	−0.62	T.	−0.42	0.30	−0.08	8.73	−4.94
Cedar Canyon	1.45		1.00		1.05		0.83		2.19		0.77		0.40		1.09											
Cottonwood	1.45		0.40		0.31		1.98		3.30		0.62		0.90		2.00		1.17		0.14		0.39		0.60		13.16	
Custer	0.59		1.00						3.25		1.88		1.00		2.72		0.50				0.00		0.43			
Deadwood	0.50	−0.76	0.95	−0.29	1.70	−0.53	3.65	−1.03	3.96	−0.49	2.06	−1.43	0.55	−1.92	1.62	−0.71	1.30	−0.41	2.70	+0.87	0.00	−1.28	1.55	−0.05	20.52	−8.03
Deerfield	0.65		0.31		0.52		2.36		3.92		2.28		0.54		3.26		0.50		0.34		0.07		0.85		15.60	
Dowling	1.80		0.84		0.93		2.36		4.03		1.32		1.77		3.60		2.37		0.03		1.22		1.35		21.62	
Dumont	1.17		1.96		1.67		1.85		4.78		2.19		0.60		1.24		0.24		2.47		0.09		1.51		19.76	
Eagle Butte	0.60		0.20		2.20		2.04		3.27		0.91		0.95		0.17		0.69		0.17		0.09		0.34		11.63	
Eales	1.25		0.59		0.39		1.87		1.85		1.46		0.87		0.83		0.75		0.16		0.05		0.66		10.73	
Elk Mountain	0.40		0.22		0.37		1.30		1.29		2.24		0.13		1.45		0.21		0.15		0.07		0.46		8.29	
Ellingson	0.36		T.		1.11		1.05		1.14		1.19		0.23		1.16		T.		0.06		T.		0.80		7.10	
Fort Meade	0.27	−0.40	0.87	+0.24	1.05	−0.42	3.28	+0.99	6.11	+1.96	1.66	−1.88	0.65	−1.58	0.76	−1.18	0.74	−0.21	0.74	−0.26	0.00	−0.59	0.36	−0.27	16.49	−3.60
Goldfield	0.43		1.47		1.23		5.45		4.98		2.45		1.28													
Greenmont	0.76		1.42		1.86		1.82		2.90		1.78		0.40		0.67		0.66		1.32		T.		1.35		14.94	
Hardingrove	0.65		0.18		0.90		2.66		4.22		1.03		1.59		3.36		1.62		T.		0.74		0.71		17.66	
Hardy Ranger Station	1.22		1.46		1.25		2.97		2.17		2.23		0.64		1.18		0.20		1.75		0.50		1.88		17.45	
Harveys Ranch	1.25		1.64		1.35		1.80		5.50		1.90		2.05		1.50		1.05		2.08		T.		1.06		21.18	
Hermosa	0.78	+0.42	0.03	−0.39	0.78	+0.13	4.06	+3.03	6.40	+2.38	1.84	−1.31	0.46	−2.16	1.45	−0.48	1.06	−0.52	0.04	−1.00	0.04	−0.18	0.29	−0.24	17.23	−0.32
Hopewell	1.40		0.80		1.05		1.80		2.76		0.43		1.30		2.83		1.26		0.18		0.24		0.97		15.02	
Hot Springs			0.11		0.94		1.76				2.22		0.86		0.79		1.19		0.39		0.08		1.71			
Interior			0.30		0.21		2.09		3.13		0.85		0.65		0.77		1.70		0.01		0.73		0.50			
Jefferson	1.26		0.85		2.89		2.79		1.50		1.63		0.44		0.64		0.02		0.55		T.		0.94		13.51	
Kadoka	0.30		0.26		0.40		1.86		4.18		0.99		1.20		1.04		0.55		T.		0.35		1.67		12.80	
Leat	0.89		1.59		1.53		3.13		3.61		2.13		0.43		1.56		0.84		2.68		0.03		2.16		20.58	
Lemmon	1.50		0.70		1.10		2.08		1.28		1.46		1.16		0.45		0.27		0.32		0.24		0.55		11.10	
McIntosh	1.00		0.60		1.10		2.05		1.14		2.42		1.51		1.04		1.12		0.40		0.49		1.10		13.97	
Marston	2.84		0.29		1.25		1.69		2.44		1.85		1.60		1.66		0.55		0.02		0.01		0.50		14.70	
Meadow	1.00		0.35		1.05		1.26		2.51		0.91		0.56		0.82		0.46		0.20		0.78		0.60		10.50	
Mobridge	2.38		0.50		1.00				2.27		1.49		1.35		1.66		1.17		0.18		T.		0.55			
Murdo	1.86		0.25		1.30		2.15		3.85		0.65		1.47		1.73		0.90		0.20		0.25		0.40		15.01	
Oelrichs	0.60	−0.33	0.30	−0.65	1.30	−0.32	3.03	+1.08	4.41	+1.63	2.99	−0.13	0.28	−2.02	0.42	−1.01	0.60	−0.58	0.66	−0.66	0.45	−0.20	0.84	+0.10	15.88	−3.09
Onida	2.05		0.58		1.30		2.31		3.37		0.61		1.91		1.83		0.65		T.		T.		0.51		15.12	
Orman	0.50	+0.08	0.26	0.00	0.94	+0.20	2.14	+0.77	2.90	+0.13	0.95	−1.67	0.25	−2.02	0.95	−0.33	0.25	−1.53	0.51	−0.54	0.09	−0.33	1.10	+0.60	10.75	−4.64
Ottumwa	1.30		1.00		1.20		4.71		3.69		0.30		2.19		4.42		1.19		0.23		0.33		1.00		21.56	
Pierre	0.84	+0.38	0.37	−0.07	0.53	−0.80	2.39	+0.41	2.72	+0.59	0.84	−2.24	2.68	+0.33	1.93	−0.08	1.83	+0.72	0.02	−0.79	T.	−0.43	0.72	+0.22	14.87	−1.76
Pine Ridge	0.19	−0.12	0.20	−0.20	1.02	+0.35	1.75	+0.27	3.42	+0.71	2.09	−0.74	0.72	−1.32	0.56	−1.49	1.37	−0.09	0.50	−0.89	0.05	−0.14	0.55	+0.01	12.42	−3.65
Pollock	1.17	+0.69	0.34	−0.01	0.62	−0.03	2.20	+1.26	1.33	−0.96	1.49	−2.18	2.03	−0.23	0.76	−1.58	1.37	−0.52	0.20	−1.14	0.00	−0.35	0.85	+0.56	12.36	−4.49
Rapid City	0.65	+0.21	0.33	−0.13	0.96	−0.09	3.95	+1.65	4.65	+1.74	2.13	−1.46	0.98	−1.57	1.39	−0.75	0.99	−0.27	0.15	−0.95	0.01	−0.45	0.71	+0.25	16.87	−1.82
Redig	0.77		0.53		1.12		1.51		1.78		0.58		0.50		0.57		0.06		0.32		T.		0.88		8.62	
Rochford	0.41		0.62		1.02		3.14		3.79		2.18		0.95		1.73		0.58		1.04		0.01		1.18		16.59	
Rosebud Agency	0.91		0.06		1.30		2.40		5.05		1.99		0.70		1.23		2.52		0.10		0.13		0.75		17.14	
Spearfish	0.20	−0.62	0.72	−0.18	0.82	−0.90	2.40	0.00	2.17	−1.30	1.52	−2.55	0.27	−1.72	1.15	−0.48	0.86	−0.60	0.59	−0.74	T.	+0.60	0.85	−0.06	11.55	−9.63
Timber Lake	1.40				0.31								0.52		1.25		2.19									
Vale	0.32		0.30		0.91		2.12		3.92		0.91		T.		1.27		0.43		0.33		0.00		1.02		11.53	
Vivian	1.35		0.18		1.00		2.38		4.20		1.18		1.02		2.01		0.74		T.		0.00		0.32		14.38	
Waters Ranch	0.56		0.59		1.16		3.09		2.37		1.38		0.33		1.35		0.48		0.85		T.		1.49		13.65	
Wood	1.23		0.42		1.59		1.75		5.54		1.13		1.60		1.96		1.36		T.		T.		0.53		17.11	
Wososo	0.75	−0.07	0.65	−0.07	1.24	+0.03	2.62	+0.37	4.90	−2.39	1.71	−0.81	1.49	−1.17	1.42	−0.53	2.41	+1.40								
For the State	1.11	+0.62	0.54	−0.05	1.38	+0.60	2.71	+0.85	3.12	−0.14	2.08	−1.03	1.47	−1.11	1.52	−1.21	1.60	+0.35	0.34	−1.28	0.21	−0.37	0.69	−0.04	16.77	−2.72

The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1918, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division.																										
Aberdeen	0.62	−0.18	0.82	−0.07	1.80	−0.07	3.25	−0.07	4.53	+0.66	1.73	−2.31	3.23	+0.01	5.59	+2.46	0.40	−1.42	1.20	−0.59	1.19	+0.33	0.80	−0.03	25.16	−1.28
Academy	1.29	+0.88	0.70	−0.22	1.20	+0.08	2.68	+0.26	3.87	+0.70	3.55	−0.08	2.87	−0.72	2.59	−0.41	0.22	−1.34	0.56	−0.95	0.84	+0.41	2.11	+1.39	22.48	0.00
Alexandria	0.69	+0.14					3.02	+0.18	5.38	+1.98	3.54	−0.62	6.94	+3.73	2.38	−0.29	0.52	−1.73								
Armour	0.66	+0.10	0.27	−0.22	1.18	+0.02	2.14	−0.54	3.98	+0.63	4.42	+0.57	3.56	+0.27	1.92	−0.78	0.68	−1.44	1.03	−1.05	1.22	+0.40	1.68	+0.92	22.64	−1.12
Britton	0.36		0.15		0.80		2.63		3.23		2.01		3.61		3.07		T.		0.66		1.85		1.00		19.37	
Brookings	0.19	−0.22	0.14	−0.35	0.44	−0.30	1.28	−0.81	3.40	+0.16	1.85	−1.81	3.95	+1.50	4.19	+1.38	0.72	−1.32	1.56	+0.08	1.61	+1.06	1.09	+0.56	20.42	+0.43
Bryant	0.41		0.33		0.71		1.51		4.91		3.54		4.79		1.95		0.34		2.05		2.27		0.85		23.66	
Canton	1.30	+0.83	0.40	−0.08	0.55	−0.56			4.82	+1.00	5.42	+0.67	3.66	−0.22	3.36	+0.64	1.09	−1.26	2.20	+0.31	2.55	+1.64	1.01	+0.43		
Castlewood	0.39	+0.12	0.27	−0.05	0.74	+0.26	1.95	+0.15	4.37	+1.70	3.26	−1.06	3.12	+0.34	1.84	−0.83	0.45	−1.54	2.38	+0.84	4.92	+4.32	1.17	+0.89	24.86	+5.14
Centerville	1.48	+1.02	0.62	−0.18	1.50	+0.33	1.66	−0.36	5.96	+1.92	3.73	−0.80	3.63	−0.72	3.69	+0.47	0.87	−1.74	1.93	+0.01	2.41	+1.68	1.12	+0.29	28.60	+1.92
Chamberlain			0.60	+0.26	1.55	+0.60	2.15	−0.31																		
Clark	0.91	+0.41	0.60	+0.08	1.70	+0.56	2.52	+0.55	4.37	+1.24	5.12	+1.02	2.72	−0.22	3.21	+0.45	0.84	−1.55	0.92	−0.77	2.84	+2.09	1.20	+0.61	26.95	+4.47
Colome	1.37		0.40		1.75		3.19		1.67		0.98		1.80		2.63		0.86		0.76		0.41		2.17		17.99	
Crow Creek	1.83		0.47				3.05		3.51		2.60		6.06								2.35					
De Smet							1.79	−0.51	5.39	+2.53	3.13	−0.32	5.39	+2.67	1.97	−0.63	0.12	−1.78	1.79	+0.19			0.20		11.00	
Eureka	0.50		0.60		0.58		1.98		1.97		0.93		1.03		1.77		0.36		0.55		0.53					
Fairfax	1.17	+0.82	0.81	+0.17	1.29	+0.59	1.92	−0.10	3.77	−0.12	2.97	−1.23	1.74	−2.41	2.62	−0.12	1.05	−0.59	1.22	−0.83	0.90	+0.56	1.75	+1.28	21.21	−2.04
Faulkton	0.60	+0.25	1.06	+0.58	2.00	+0.55	3.24	+0.73	3.99	+1.32	2.66	−0.38	2.59	−0.01	3.80	+1.37	0.48	−0.89	0.47	−0.68	1.68	+1.22	1.20	+0.76	23.77	+4.82
Flandreau	0.16	−0.25	0.04	−0.53	0.90	−0.13	1.86	−0.64	5.19	+1.24	1.44	−2.75	3.38	+0.42	3.04	−0.27	1.18	−1.06	1.09	−0.73	2.17	+1.37	1.06	+0.38	21.51	−2.96
Forestburg	0.29	−0.32	0.35	−0.26	1.07	+0.06	2.42	−0.02	5.57	+2.73	1.82	−1.90			3.01	+0.65	0.77	−0.96	1.34	−0.24	1.79	+1.23	1.47	+0.92		
Gannvalley	0.94	+0.35	0.47	−0.01	1.27	+0.45	2.83	+1.13	2.63	−0.29	2.44	−1.46	6.44	+2.89	2.94	−0.36	0.87	−0.58	0.83	−0.20	1.19	+0.74	0.69	−0.14	23.45	+2.52
Highmore	0.60	+0.34	0.25	+0.01	0.67	−0.24	2.57	+0.87	3.57	+1.15	1.59	−1.57	5.26	+2.79	1.88	−0.50	0.62	−0.76	0.49	−0.51	1.10	+0.67	0.86	+0.46	19.46	+2.71
Howard	0.38	+0.07	1.10	+0.63	1.23	+0.27	1.95	−0.15	3.33	+0.57	2.89	−1.32	6.23	+3.04	2.58	−0.37	1.24	−0.91	1.29	−0.61						
Howell	0.30	−0.07	0.41	−0.04	1.09	+0.43	2.12	+0.49	3.29	+0.01	3.14	−1.01	4.26	−1.89	1.97	−0.82	0.32	−1.00	0.32	−0.75	1.50	+1.11	0.37	−0.13	19.09	+0.11
HURON	0.71	+0.20	0.65	+0.21	1.11	+0.12	1.94	−0.71	3.62	+0.70	2.64	−1.14	6.36	+3.42	2.73	+0.09	0.28	−1.41	1.34	0.00	1.74	+1.16	0.91	+0.29	24.03	+2.93
Ipswich	0.14	−0.27	0.40	−0.12	1.20	−0.04	2.07	+0.07	2.73	−1.14	1.83	−1.68	2.17	−0.28	3.19	+0.21	0.29	−1.62	0.51	−0.55	1.65	+1.24	0.37	+0.05	16.55	−4.13
Kennebec	1.70	+1.29	0.90	+0.56	1.06	+0.23	2.62	+0.59	3.59	+1.22	2.91	−0.04	5.10	+2.99	1.46	−0.83	0.44	−0.52	0.67	−0.30	0.61	+0.22	1.42	+0.96	22.39	+6.36
La Delle	0.43	−0.20	0.35	−0.10	0.67	−0.28	8.20	+0.88	5.69	+2.19	3.12	−1.28	3.18	−0.59	3.62	−0.03	0.35	−2.00	2.55	+0.42	2.87	+2.20	1.44	+0.82	27.47	+2.03
Marion	0.53	−0.16	1.14	+0.40	2.16	+1.18	1.78	−0.40	4.94	+0.78	3.69	−1.10	3.85	+0.07	3.07	−0.27	1.33	−1.51	3.23	+0.86	2.85	+1.96	1.15	+0.35	29.72	+2.16
Mellette	0.40	0.00	0.80	+0.41	1.90	+1.03	2.58	+0.57	3.64	+0.41	2.34	−0.86	4.02	+1.20	2.62	−0.24	0.85	−0.77	0.55	−0.96	2.90	+2.38	1.35	+0.97	23.95	+4.14
Menno			0.80	+0.20	0.10	−0.95	2.52	+0.62	5.80	+1.99	3.93	−0.35	4.52	+0.75	2.74	−0.02	0.93	−1.33	1.60	−0.50	2.40	+1.66	1.90	+1.24		
Milbank	2.10	+1.50	1.62	+0.87	2.71	+1.47	2.17	−0.06	3.85	+0.50	2.95	−0.98	1.64	−1.15	2.31	−0.55	0.30	−1.56	1.93	+0.21	2.15	+1.37	2.19	+1.48	25.92	+3.10
Mitchell	0.60	+0.08	1.28	+0.74	2.16	+1.04	2.82	+0.05	5.11	+1.79	5.27	+1.25	6.69	+3.40	2.75	+0.05	0.72	−1.35	1.32	−0.60	1.14	+0.53	1.15	+0.56	31.01	+7.54
Onaka	0.35		0.40		1.97		1.70		2.11		2.14		2.95		3.91		0.34		0.60		0.55		0.71		17.73	
Pearl Creek					1.63		1.39		4.34		1.90		4.65						2.10		2.17		1.19			
Redfield	0.17	−0.12	0.14	−0.29	1.15	+0.50	2.17	+0.41	3.59	+0.68	2.56	−0.18	1.68	−1.28	2.77	−0.45	0.46	−1.41	0.20	−1.15	2.50	+2.10	1.48	+1.11	18.87	−0.08
Roslyn	0.48	−0.15	0.28	−0.17	0.51	+0.05	1.63	−0.63	2.26	−0.89	2.47	−1.34	1.93	−0.87	4.79	+0.96	T.	−2.48	0.98	−0.60	1.27	+0.73	0.83	+0.31	17.43	−5.08
Sioux Falls	0.71	+0.17	0.26	−0.43	1.02	−0.20	1.41	−1.17	4.11	−0.16	5.77	+1.46	2.41	−1.02	3.71	+0.47	1.10	−1.17	1.43	−0.43	2.02	+1.22	1.67	+0.91	25.62	−0.35
Stephan	0.50	+0.04	0.40	+0.03	0.78	+0.33	2.58	+1.28	3.35	+0.50	3.31	+0.70	6.98	+4.11												
Tyndall	0.21	−0.23	0.14	−0.32	1.16	−0.20	3.12	+0.23	4.56	+0.55	4.89	+1.67	2.51	−0.91	3.04	−0.47	1.17	−0.46	0.93	−1.32	1.81	+1.18	1.82	+1.24	25.36	+0.96
Vermilion	1.33	+0.93	0.97	+0.10	1.19	+0.01	1.60	−1.03	7.20	+3.10	4.13	+0.09	2.16	−2.00	4.26	+1.09	1.34	−2.34	2.49	+0.05	2.55	+1.65	1.43	+0.66	30.55	+2.31
Wagner	1.20		0.40		0.65		4.36		5.86		5.10		3.90		2.53		0.76		0.95		1.50		1.55		28.76	
Watertown	0.52	+0.05	0.40	−0.12	1.12	+0.41	1.70	−0.77	4.73	+1.39	3.95	+0.40	1.62	−1.64	2.00	−1.20	0.35	−1.55	1.63	−0.14	2.97	+2.37	1.40	+0.97	22.29	+0.17
Wentworth	0.35	−0.08	0.16	−0.32	1.00	+0.10	1.52	−0.82	4.88	+1.17	2.37	−1.38	6.59	+3.56	3.97	+0.91	1.13	−1.46	0.62	−1.19	2.11	+1.48	1.36	+0.78	26.06	+2.75
White Lake	0.76		0.29		1.64		2.31		3.28		5.31		3.98		3.42				1.00		0.53		1.51			
Yankton	1.02	+0.46	0.99	+0.41	1.50	+0.36	2.40	−0.40	8.34	+4.44	3.38	−0.89	2.56	−0.96	2.42	−0.70	1.03	−1.42	1.46	−0.11	2.38	+1.69	1.08	+0.35	28.56	+3.13
Western Division.																										
Ardmore	0.48		0.29		0.60		3.01		5.99		1.75		3.49		0.46		3.01		0.45		0.25		0.66		20.44	
Bellefourche	1.22		0.60		0.82		1.59		2.42		0.77		2.06		1.59		3.32		T.		0.23		0.31		14.93	
Bison	0.70		0.30		0.80		2.67		2.21		2.64		1.78		2.38		0.44		0.27		0.63		0.60		15.42	
Camp Crook	0.35	−0.28	0.13	−0.27	0.28	−0.88	0.83	−0.19																		
Cedarbutte													2.06		2.22		0.86		0.68							
Cedar Canyon	1.31		0.40		1.75				2.39				1.02													
Cottonwood	0.33		0.15		0.34		2.27		2.78		1.37		2.29		3.43		1.43		0.28		0.11		0.25		15.03	
Custer			0.33				3.25		2.81		2.29		6.57		1.36		3.95		0.28				0.20			
Deadwood	1.38	+0.12	0.70	−0.54	1.20	−1.03	6.75	+2.07	3.20	−1.24	2.90	−0.58	3.85	+1.88	2.70	−0.37	4.10	+2.39	1.35	−0.48	0.62	−0.66	1.80	+0.20	30.55	+1.26
Deerfield	1.07		0.57		0.44		2.84		1.70		2.54		5.49		1.60		3.51		0.30		0.40		0.28		20.64	
Dowling	2.50		0.97		2.28		3.34		2.49		1.48		1.36		4.43		0.87		0.19		0.19		0.57		20.67	
Dumont	2.15		1.16		0.64		4.45		1.41		3.77		3.92		2.30		3.40		0.34		0.95		1.01		25.50	
Eagle Butte	0.40		0.46		1.30		3.38		2.90		0.32		1.57		4.80		0.79		1.17		0.12		0.62		17.83	
Eales	0.99		0.71		1.76		1.62		3.12		1.22		0.78		2.76		0.17		0.87		0.28		0.84		15.12	
Elk Mountain	0.84		0.37		0.29		2.23		1.92		3.62		3.06		2.73				0.14		0.23		0.47			
Ellingson	1.20		T.		1.20		1.66												0.41		0.17		0.38			
Fort Meade	1.10	+0.43	0.60	−0.03	0.34	−1.13	1.72	−0.57			1.70	−1.84	4.50	+2.27			2.39	+1.44								
Goldfield											2.72		1.11		2.13		1.17		0.42				1.00			
Greenmont	4.50		1.05		1.21		6.38		2.05		3.18		4.76		1.22		4.51		0.40		0.80		2.80		32.86	
Hardingrove	0.93		1.28		1.42		2.16		2.81		0.39		1.99		3.81		1.04		0.25		0.25		0.63		16.87	
Hardy Ranger Station	3.05		0.83		0.95		4.75		1.73		3.38		3.96		2.06		3.89		1.24		1.00		1.57		28.41	
Harveys Ranch	2.56		0.99		1.89		4.21		3.82		3.30		5.19		5.80		1.05		0.17		0.70		1.16		30.84	
Hermosa	0.48	+0.12	0.19	−0.23	0.19	−0.46	1.19	+0.16	3.95	−0.07	2.40	−0.76	3.93	+1.31	2.54	+0.61	2.11	+0.53	0.32	−0.72			0.20	−0.33		
Hopewell	0.77		1.35		0.93		2.59		2.07		1.70		1.55		4.18		0.77		0.87		0.38		1.50		18.66	
Hot Springs	1.41		0.40		0.30		3.40		2.99		3.24		4.90		4.22		3.11		0.35		0.32		0.58		25.22	
Interior	1.30				0.23		3.59		5.47		1.61		2.23		3.17		1.71		0.33		0.12		0.56			
Jefferson	1.20		1.15		1.70		3.06		3.53		0.61		1.36		3.11		0.11		0.25		0.48		0.87		17.43	
Kadoka			2.40		1.62		6.15		3.57		1.59		2.07		4.60		0.77		0.84				0.77			
Lead	2.86		1.01		1.65		7.82		3.06		2.62		3.64		2.30		3.84		0.91		0.58		1.06		31.35	
Lemmon	0.30		0.16		0.51		2.59		1.87		2.88		1.11		1.61		0.17		0.32		0.55		0.10		12.16	
McIntosh	0.85		0.40		0.80		2.76		2.63		2.03		0.43		1.67		0.70		0.24		0.50		0.70		13.70	
Marston	1.47		1.32		1.89		2.95		3.02		1.48		2.76		3.40		1.30		0.66		0.51		0.94		21.70	
Meadow	0.70		0.65		1.50		2.46		3.00		1.60		2.29		2.31		0.49		0.70		0.13		0.40		16.25	
Mobridge	0.35		1.20		0.70		1.61		2.20		2.72		1.91		2.91				1.20		0.47		0.75			
Murdo					0.30		2.30		3.54		1.77		1.93		2.11						0.12					
Oelrichs	0.60	−0.33	0.10	−0.85	0.10	−1.62	2.92	+0.97	3.33	+0.55	1.91	−1.21	2.28	−0.02	0.60	−0.83					0.20	−0.45	2.40	+1.66		
Onida	0.53		0.78		1.43		2.92		3.06		1.41		3.12		1.98		0.83		0.41		0.42		0.63		17.52	
Orman	0.72	+0.30	0.35	+0.09	0.86	+0.12	2.43	+1.06	2.22	−0.55	1.91	−0.71	2.54	+0.27	3.22	+1.94	3.17	+1.39	0.12	−0.93	0.07	−0.26	0.36	−0.14	17.97	+2.58
Ottumwa	1.70		0.57		0.70		4.27				0.80		1.76		4.10		0.83		0.40		0.03		0.95			
Pierre	1.08	+0.62	0.63	+0.19	1.47	+0.14	2.60	+0.62	3.07	+0.89	1.59	−1.49	2.04	−0.31	2.30	+0.29	0.64	−0.47	0.41	−0.40	0.45	+0.02	1.45	+0.95	17.68	+1.05
Pine Ridge	0.63	+0.32	0.15	−0.25	0.92	+0.25	4.03	+2.55	2.53	−0.18	2.61	−0.22	3.84	+1.73	1.27	−0.78	1.31	−0.15	1.96	+0.57	0.65	−0.46	1.25	+0.71	21.15	+4.09
Pollock	1.07	+0.59	0.25	−0.10	0.98	+0.33	2.57	+1.63	2.73	+0.44	1.23	−1.44	0.96	−1.30	1.75	−0.59	0.37	−1.52					0.55	+0.26		
Rapid City	1.25	+0.81	0.45	−0.01	0.70	−0.35	2.87	+0.57	4.10	+1.19	1.23	−2.36	4.12	+1.57	2.64	+0.53	2.06	+0.80	0.29	−0.81	0.21	−0.25	0.46	0.00	20.38	+1.69
Redig	0.76		0.50		0.86		2.53		1.85		0.86		1.10		2.56		0.63		0.23		0.21		0.28		12.37	
Rochford	1.68		0.56		0.66		4.40		1.53		5.41		4.65		1.40		3.61		0.41		0.38		0.85		25.54	
Rosebud Agency	1.60		0.45		1.75		3.37		3.09		0.57		3.58		2.74		1.90		0.96		0.17					
Spearfish	0.52	−0.30	0.30	−0.60	1.24	−0.48	2.70	+0.30	2.65	−0.82	2.06	−2.01	2.72	+0.73	1.68	+0.05	4.62	+3.16	T.	−1.33	0.21	−0.39	0.64	−0.15	19.34	−1.84
Timber Lake			0.80		1.65		4.24		4.46		0.90		1.45		4.15		0.25						0.80			
Vale	0.91		0.63		1.15		1.62		2.15		2.20		2.78		1.82		3.07		0.13		0.33		0.44		17.23	
Vivian			0.50		0.50		3.92		3.33		1.70		2.07		3.32		0.75		0.82		0.22					
Waters Ranch	1.17		0.59		1.43		3.69		3.98		2.63		3.31		2.39		4.86		0.17		0.23		0.83		25.28	
Wood	1.60		0.33		1.07		2.66		2.90		0.85		3.19		4.07		1.32		0.44		0.42		1.31		20.14	
For the State	0.97	+0.23	0.59	−0.02	1.11	+0.07	2.75	+0.19	3.56	+0.86	2.54	−0.75	3.23	+0.69	2.79	+0.04	1.30	−0.86	0.86	−0.41	1.10	+1.12	1.02	+0.61	21.91	+1.47

The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1919, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division.																										
Aberdeen	0.10	−0.70	1.05	+0.16	0.75	−1.12	1.10	−2.22	4.76	+0.89	2.93	−1.11	4.00	+0.78	1.30	−1.83	0.50	−1.32	1.73	−0.06	1.60	+0.74	0.24	−0.59	20.06	−6.38
Academy	0.15	−0.26	1.45	+0.97	0.66	−0.46	3.54	+1.12	2.35	−0.82	6.35	+1.72	1.68	−1.91	1.08	−1.92	1.22	−0.34	2.49	+0.98	3.07	+2.64	0.35	−0.61	28.69	+1.65
Alexandria	0.00	−0.55	0.70	+0.09	0.50	−0.89	3.73	+0.89	3.64	+0.24	7.52	+3.36	1.66	−1.55	1.61	−1.06	1.72	−0.53	1.35	−0.61						
Armour	T.	−0.56	1.26	+0.56	2.50	+1.34	2.84	+0.16	3.86	+0.51	4.41	+0.56	1.10	−2.19	2.20	−0.50	1.10	−0.92	1.91	−0.17	1.28	+0.46	0.22	−0.54	22.68	−1.29
Britton	0.09		0.91		0.79		1.51		4.79		1.58		3.04		0.44		0.42		2.46		2.41		0.50		18.94	
Brookings	0.07	−0.34	0.63	+0.14	0.73	−0.01	1.90	−0.19	3.87	+0.63	9.30	+5.64	5.60	+3.15	1.48	−1.33	1.69	−0.35	1.14	−0.34	1.35	+0.80	0.10	−0.43	27.86	+7.87
Bryant	0.15				0.79																					
Canton	0.00	−0.47	2.00	+1.52	1.50	+0.39	3.53	+1.10	3.01	−0.81	5.10	+0.35	4.71	+0.83	1.40	−1.32	2.46	+0.11	1.95	+0.06	1.82	+0.91	0.00	−0.58	27.48	+2.09
Castlewood	0.13	−0.14	1.05	+0.73	1.31	+0.83	2.02	+0.22	2.72	+0.05	8.88	+4.36	3.15	+0.37	1.71	−0.96	1.62	−0.37	1.11	−0.43	1.97	+1.37	0.08	−0.20	25.55	+5.83
Centerville	0.20	−0.26	2.03	+1.23	1.32	+0.15	2.48	+0.46	2.23	−1.81	2.47	−2.06	2.84	−1.51	2.34	−0.88	3.37	+0.76	1.38	−0.64	2.41	+1.68	0.25	−0.58	23.32	−3.86
Clark	0.25	−0.25	2.00	+1.48	1.44	+0.30	2.73	+0.76	4.72	+1.59	4.32	+0.22	4.72	+1.78	0.86	−1.90	0.81	−1.58	2.20	+0.51						
Colome	0.06		1.98		0.62		3.60		2.48		8.66		1.03		2.41		1.63		1.90		4.63		0.19		28.48	
Crow Creek	0.07		1.17																				0.15			
De Smet			0.52	−0.04															1.68	+0.08						
Eureka	0.07		1.04		0.52		1.28		8.68		2.29		4.08		0.77		0.04		1.69		0.22		0.12		16.74	
Fairfax	0.50	+0.15	1.50	+0.86	0.65	−0.05	3.62	+1.60	2.95	−0.94	3.23	−0.97	1.70	−2.45	0.97	−1.77	2.08	+0.44	1.66	−0.39	2.02	+1.62	0.35	−0.12	21.23	−2.02
Faulkton	0.18	−0.17	2.35	+1.87	0.80	−0.65	2.29	−0.23	6.88	+4.21	6.00	+2.96	2.10	−0.50	0.56	−1.87	0.90	−0.47	2.47	+1.32	2.52	+0.96	0.06	−0.38	27.11	+8.16
Flandreau	0.09	−0.32	0.83	+0.26	0.78	−0.30	3.68	+1.24	3.61	−0.34	6.02	+1.83	4.61	+1.55	0.41	−2.90	2.05	−0.19	1.30	−0.52	1.76	+0.96	0.10	−0.58	25.09	+0.69
Forestburg	0.17	−0.44	1.31	+0.70	0.79	−0.22	4.45	+2.01	3.08	+0.24	6.69	+2.97	4.10	+1.24	0.74	−1.62	2.09	+0.36	1.36	−0.22	1.90	+1.40	0.18	−0.37	26.92	+6.05
Gannvalley	T.	−0.59	1.80	+1.32	0.83	−0.49	2.08	+0.38	3.26	+0.34	1.85	−2.05	3.12	−0.43	0.73	−2.67	0.61	−0.84	1.27	+0.24	2.27	+1.82	0.10	−0.64	17.42	−3.51
Highmore	0.10	−0.16	1.35	+1.11	1.24	+0.33	1.96	+0.26	6.63	+4.21	1.90	−1.26	2.65	+0.18	0.82	−1.56	0.54	−0.84	2.18	+1.18	1.80	+1.37	0.15	−0.25	21.32	+4.57
Howard	0.04	−0.27	0.60	−0.13	0.84	−0.12	2.69	+0.59	2.68	−0.08	4.41	+0.20	5.94	+2.75	0.86	−2.09	1.38	−0.77	1.12	−0.78						
Howell	0.04	−0.33	0.75	−0.30	0.90	+0.24	2.47	+0.84	5.27	+1.99	2.78	−0.37	1.80	−0.57	1.07	−1.72	0.61	−0.71	1.51	+0.44	1.24	+0.85	T.	−0.50	18.44	+0.46
HURON	0.11	−0.40	1.10	−0.66	0.75	−0.24	2.47	−0.18	2.52	−0.40	5.98	+2.20	4.83	+1.89	1.31	−1.33	0.77	−0.92	1.08	−0.26	1.77	+1.19	0.29	−0.33	22.98	+1.88
Ipswich	0.03	−0.38	0.90	+0.38	0.90	−0.34	1.32	−0.68	5.98	+2.11	3.00	−0.51	2.88	+0.43	0.90	−2.08	0.28	−1.63	1.83	+0.77	0.43	+0.02	0.10	−0.22	18.55	−2.13
Kennebec	0.20	−0.21	1.70	+1.36	0.82	−0.01	2.75	+0.72	4.53	+2.25	3.90	+0.95	2.07	−0.04	1.19	−1.10	1.18	+0.22	1.92	+0.95	1.75	+1.36	0.40	−0.07	22.41	+6.38
La Delle	0.03	−0.60	1.13	−0.68	1.01	+0.06			4.17	+0.07	5.62	+1.22	3.95	+0.18	2.85	−0.80	1.75	−0.60	2.69	+0.56	2.40	+1.73	0.08	−0.54		
Marion	0.10	−0.59	2.59	+1.85	1.07	+0.09	6.53	+3.35	3.44	−0.72	7.24	+2.45	3.37	−0.41	0.40	−2.94	1.85	−0.99	2.40	+0.63	1.37	+0.48	0.32	−0.48	29.68	+2.12
Mellette	0.05	−0.35	1.10	−0.71	0.80	−0.07	1.97	−0.04	6.06	+2.83	3.47	+0.27	4.12	+1.30	1.15	−1.71	0.68	−0.94	0.41	−1.10	1.40	+0.88	0.20	−0.18	21.41	+1.60
Menno	0.27	−0.17	2.55	−1.95	1.28	+0.23	3.16	+1.26	4.67	+0.86	4.15	−0.13	2.55	−1.02												
Milbank	0.16	−0.44	1.51	−0.76	0.88	−0.36	3.49	+1.26	2.63	−0.72	7.23	+3.30	2.05	−0.74	0.81	−2.05	1.08	−0.78	1.49	−0.23	2.74	+1.96	0.86	+0.15	24.93	+2.11
Mitchell	T.	−0.52	1.51	+0.97	0.89	−0.23	4.59	+1.82	1.89	−1.43	6.12	+2.10	2.77	−0.62	1.58	−1.12	1.97	−0.10	1.85	−0.07	1.69	+1.08	0.14	−0.45	25.00	+1.53
Onaka	0.10		1.60		0.27		2.37		4.60		4.65		3.18		0.50		0.50		1.90		1.40		0.00		21.07	
Pearl Creek	0.12		0.85																							
Pukwana													2.66													
Redfield	0.00	−0.29	1.16	+0.73	0.97	+0.32	2.18	+0.42	2.90	−0.01	4.70	+1.96	1.71	−1.25	0.77	−2.45	0.44	−1.43	2.77	+1.42	2.03	+1.63	0.30	−0.07	19.93	+0.98
Roslyn	0.09	−0.54	0.50	−0.05	0.08	−0.38	1.37	−0.89	5.27	+2.12	3.61	−0.20	2.39	−0.41	1.15	−2.68	0.33	−2.15	1.26	−0.32	1.11	+0.57	0.18	−0.34	17.34	−5.17
Sioux Falls	0.27	−0.27	2.77	−2.08	0.60	−0.62	4.48	+1.90	2.28	−1.99	7.13	+2.82	3.32	−0.11	0.38	−2.86	1.59	−0.68	1.31	−0.55	3.66	+2.86	0.09	−0.67	27.68	+1.91
Tyndall	T.	−0.44	1.05	−0.59	0.41	−0.95	3.58	+0.69	4.47	+0.46	3.09	−0.13	2.01	−1.41	3.21	−0.30	4.63	+3.00	3.36	+1.11	2.46	+1.83	0.01	−0.57	28.28	+3.88
Vermilion	0.40	0.00	2.75	+1.88	1.23	+0.05	3.51	+0.98	2.28	−1.82	3.95	−0.09	2.89	−1.27	1.09	−2.08	3.37	−0.31	1.31	−1.13	3.38	+2.48	0.58	−0.19	26.74	−1.50
Wagner	0.50		1.02		1.11		4.21		2.38		3.48		1.67		1.27		2.01		2.64		2.20		0.50		22.99	
Watertown	0.05	−0.42	0.84	−0.36	0.60	−0.11	1.68	−0.79	2.64	−0.70	6.50	+2.95	4.10	+0.84	1.08	−2.12	0.53	−1.87	1.18	−0.49	2.47	+1.87	0.02	−0.41	21.69	−0.39
Wentworth	0.13	−0.30	1.15	+0.67	0.64	−0.26	3.38	+1.04	2.91	−0.80	6.44	+2.69	6.35	+3.32	0.57	−2.49	2.81	+0.22	1.22	−0.59	1.67	+1.04	0.19	−0.39	27.46	+4.15
White Lake	0.00		1.17		0.79		3.11		2.20		6.73		1.38		2.23		1.02		1.40		2.98		0.10		23.11	
Yankton	0.15	−0.41	2.17	+1.59	1.09	−0.05	3.02	+0.22	2.94	−0.99	4.04	−0.23	2.65	−0.87	3.12	0.00	2.87	+0.42	1.50	−0.07	2.56	+1.77	0.22	−0.51	26.30	+0.87
Western Division.																										
Ardmore	T.		0.76		0.93		2.52		2.65		1.50		3.05		0.47		0.38		2.10		0.78		0.65		15.78	
Bellefourche	T.		0.60		0.56		1.64		1.13		0.48		2.74		0.38		0.88		2.42		0.67		0.35		11.85	
Bison	0.20		0.78		0.40		1.01		2.27		0.55								0.95				T.			
Camp Crook											0.65	−1.98	1.56	−0.14	0.12	−1.29	0.66	−0.59	1.00	+0.44	0.33	−0.09	0.07	−0.31		
Cedarbutte	T.		0.95		0.85		2.91				2.25															
Cedar Canyon											2.83		0.37		0.87											
Cottonwood	0.04		0.29		0.71		3.75		1.29		4.97		1.55		0.20		0.25		2.03		0.71		0.20		15.99	
Custer	0.00		0.42		0.65		2.05		1.63		2.03		3.23		0.82		2.55		1.92		0.99		0.41		16.70	
Deadwood	0.30	−0.96	0.65	−0.59	0.85	−1.38	6.50	+1.82	2.55	−1.89	1.00	−2.48	5.60	+3.13	1.08	−1.25	2.35	+0.64			1.10	−0.18	0.70	−0.90		
Deerfield	0.25		0.68		0.55		2.57		1.59		2.47		3.53		0.28		4.00		2.48		0.59		0.45		19.44	
Dowling	0.00		0.37		0.35		2.41		3.22		2.88		3.50		0.13		1.11		2.70		0.89		0.15		17.71	
Dumont	0.50		0.81		0.44		2.42		0.95		2.10		4.07		0.24		1.29		1.85		0.79		0.73		16.19	
Eagle Butte	0.02		0.76		0.33		2.15		3.76		1.47		1.35		0.70											
Eales	0.20		2.22		0.77		1.69		2.44		1.30		1.92		0.35		0.19		2.22		0.72		0.05		14.16	
Elk Mountain	0.12		0.48		0.56		2.58		1.49		1.68		2.61		0.11		0.47		2.24		0.93		0.24		13.51	
Ellingson	T.		0.47		0.83		1.28		2.51		1.52		1.98		0.59		0.48		0.71							
Fort Meade	0.00	−0.67																								
Goldfield					1.20																					
Greenmont	0.30		0.90		1.20		4.70		0.82		0.07		2.93		0.03		1.51		2.34		1.14		1.00		16.94	
Hardingrove	T.		0.89		1.48		4.60		1.58		1.05		3.23		0.29				2.74		0.87		0.26			
Hardy Ranger Station	0.32		0.95		0.73		2.69		1.88		0.81		4.36		0.24		1.93		3.04		0.72		0.64		18.31	
Harveys Ranch	1.40		1.24		0.61		6.55		0.70		2.48		3.85		0.15		2.60		3.42		1.68		0.40		25.08	
Hermosa	0.00	−0.36	0.10	−0.32			1.97	+0.94	1.68	−2.34	1.02	−2.13	1.40	−1.22	0.37	−1.56	1.04	−0.54	2.09	+1.05	0.68	+0.46	0.10	−0.43		
Hopewell	0.06		1.08		0.82		2.47		2.82		0.64		1.86		0.73		0.67		2.04		0.81		0.18		14.28	
Hot Springs	0.23		1.40		1.00		2.30		1.48		1.03		1.85		0.56		0.48		2.84		0.75		0.65		14.57	
Interior	T.		0.69		0.73		1.85		1.10		2.15		2.32		0.22		0.25		1.48		1.60		0.50		12.89	
Jefferson	0.11		0.47		2.31		3.13		2.29		0.38		2.06		0.82		2.18		3.84		0.96		0.28		18.83	
Kadoka	0.00		1.15		0.61																					
Lead	0.00		0.96		1.26		4.84		1.41		0.81		4.40		0.65		1.95		3.16		1.20		0.70		21.23	
Lemmon	0.10		0.55		0.50		1.10		2.58		1.13		0.85		0.65		0.39		0.52		0.40		T.		8.77	
McIntosh	0.20		0.70		0.60		1.92		3.45		0.71		2.96		1.96				0.83				0.00			
Marston	0.06		1.60		0.78		2.55		2.87		2.79															
Meadow	0.10		0.90		1.35		3.26		1.58		0.30		1.56		0.72		0.68		2.02		0.40		0.10		12.97	
Mobridge	0.25		2.50						3.50		0.80		0.96		0.74											
Murdo	0.00		1.60		1.00	−0.47	3.70		2.50		4.35		3.96		0.65		0.80		1.75				1.00			
Oelrichs	0.00	−0.93	0.90	−0.05	1.15		3.37	+1.42	0.90	−1.88	0.50	−2.62	1.44	−0.86	0.31	−1.12	0.25	−0.93	2.90	+1.58	1.40	+0.75	0.26	−0.48	13.38	−5.59
Onida	0.03		1.06		0.91		3.06		2.63		5.24		1.41		0.68		0.67		1.85		0.86		0.10		18.50	
Orman	0.03	−0.39	0.21	−0.05	0.77	+0.03	2.08	+0.71	0.65	−2.12	0.18	−2.44	2.90	+0.63	0.77	−0.51	0.99	−0.79	3.14	+2.09	1.02	+0.69	0.60	+0.10	13.34	−2.05
Ottumwa	0.20		1.10				2.90		3.48		1.30		3.37								1.30					
Pierre	0.04	−0.42	1.29	+0.86	1.80	−0.08	2.98	+1.00	2.78	+0.66	2.55	−0.53	2.80	+0.46	2.24	+0.23	1.59	+0.48	2.19	+1.38	1.27	+0.84	0.12	−0.88	21.15	+4.62
Pine Ridge	0.00	−0.31	0.66	+0.26	1.74	+1.07	1.89	+0.41	2.33	−0.38							0.86	−0.60	1.55	+0.16	1.08	+0.89	0.21	−0.33		
Pollock	0.15	−0.33	1.26	+0.91	0.75	+0.10	1.30	+0.36	1.63	−0.66	0.59	−3.08	2.49	+0.23	0.94	−1.40	0.26	−1.63	1.08	−0.26	0.92	−0.57	0.03	−0.26	11.40	−5.45
Rapid City	0.04	−0.40	0.55	+0.09	0.66	−0.39	3.16	+0.86	1.82	−1.09	3.60	+0.01	2.33	−0.22	0.35	−1.76	2.27	+1.01	3.26	+2.16	0.71	+0.25	0.30	−0.16	19.06	+0.36
Redig	0.15		0.45		0.35		1.39		1.26		0.42		1.58		0.18		0.75		1.40		1.11		0.23		9.27	
Rockford	0.19		0.66		0.64		2.68		0.80		1.87		3.50		0.13		2.37		3.22		0.94		0.69		17.69	
Rosebud Agency	0.10		1.50		0.72		3.31		1.74		3.51		1.35		1.60											
Spearfish	T.	−0.82			1.01	−0.71	3.84	+1.44	1.89	−1.58	0.33	−3.74	1.99	0.00	0.85	−0.78	1.80	+0.34	4.03	+2.70	3.49	+2.89	0.67	−0.12		
Timber Lake	0.00																									
Vale	T.		0.32		0.89		2.07		1.20		0.38		3.81		0.96		1.67		2.11		0.45		0.23		14.08	
Vivian	0.00		0.82		0.66		4.14		3.23		6.01		4.00		0.94		1.70		1.95		1.91		0.18		23.99	
Waters Ranch	0.02		0.62		1.08		3.68		1.52		1.73		3.24		1.21		1.50		3.56		1.25		1.64		20.85	
Wood	0.17		2.01		0.56		3.81		2.77		2.78		1.96		2.24		0.27		2.56		2.64		0.14		21.90	
For the State	0.12	−0.40	1.18	+0.74	0.85	−0.19	2.90	+0.68	2.79	+0.06	3.19	+0.44	2.95	+0.68	0.94	−1.56	1.82	−0.49	1.99	+0.28	1.58	+1.01	0.09	−0.27	20.06	+0.88

† The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1920, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division.																										
Aberdeen	0.70	−0.10	0.70	−0.19	2.10	+0.23	2.56	−0.76	3.80	−0.07	4.89	+0.85	2.46	−0.76	0.79	−2.34	1.90	+0.08	0.82	−0.97	1.17	+0.31	0.40	−0.43	22.29	−4.15
Academy	0.20	−0.21	1.00	+0.52	1.23	+0.11	4.58	+2.16	3.20	+0.63	5.53	+1.90	1.49	−2.10	1.96	−1.04	0.55	−1.01	2.27	+0.76	1.79	+1.36	0.15	−0.57	23.96	+1.91
Alexandria									9.18	+5.78	9.44	+5.28	3.48	+0.27	1.40	−1.27	2.05	−0.20								
Armour	0.18	−0.38	0.85	+0.15	1.68	+0.52	3.07	+0.99	3.83	+0.48	5.96	+2.11	3.27	−0.02	3.28	+0.58	0.91	−1.11	0.27	−1.81	0.78	−0.04	1.68	+0.92	26.36	+2.39
Britton	0.38		0.11		1.00		1.24		3.69		5.19		1.66		0.99		2.44		0.90		0.44		0.05		18.09	
Brookings	0.34	−0.07	0.24	−0.25	1.85	+1.11	2.95	+0.66	3.84	+0.60	7.27	+3.61	5.45	+3.00	2.15	−0.66	1.99	−0.05	0.66	−0.82	1.30	+0.75	0.80	−0.23	28.34	+7.85
Canton			0.60	+0.12	4.35	+3.24	4.80	+2.37	5.77	+1.95	4.43	−0.32	1.18	−2.70	1.79	−0.93	1.65	−0.70	2.30	+0.41	1.25	+0.34	1.85	+1.27		
Castlewood	0.26	−0.01	0.30	−0.02	2.30	+1.82	2.34	+0.54	4.03	+1.36	7.11	+2.79	4.29	+1.51	4.90	+2.23	2.14	+0.15	0.73	−0.81	2.05	+1.45	0.40	+0.12	30.85	+11.13
Centerville	0.15	−0.31	1.00	+0.20	1.41	+0.24	3.41	+1.39	3.98	−0.06	3.19	−1.34	1.30	−3.05	1.94	−1.28	1.51	−1.10	1.67	−0.25	2.37	+1.64	0.95	+0.12	22.88	−3.80
Clark											6.94	+2.84	2.63	−0.31	1.91	−0.85	2.12	−0.27	1.14	−0.55	1.21	+0.46	0.47	−0.12		
Colome	0.19		0.58		0.87		4.49		3.43		5.85		1.64		2.96		1.41		0.93		2.13		0.95		25.43	
Crow Creek	0.10		0.08		0.37						7.41										0.47		0.63			
De Smet	0.10	−0.39	0.25	−0.31	1.90	+0.84	1.44	−0.86			11.41	+7.96			2.10	+0.50	1.17	−0.73	1.83	+0.23	1.62	+1.04	1.00	+0.38		
Eureka	0.16		0.08		0.27		1.63		1.74		4.26		2.71		2.05		3.90		0.36		0.54		0.09		17.79	
Fairfax	0.45	+0.10	0.85	+0.21	1.32	+0.62	0.93	+4.91	3.06	−0.83	5.68	+1.48	0.81	−3.34	2.94	+0.20	0.53	−1.11	0.45	−1.60	1.21	+0.81	1.07	+0.60	25.30	+2.05
Faulkton	0.40	+0.05	0.35	−0.13	3.30	+1.85	3.44	+0.93	5.89	+3.22	5.69	+2.65	1.77	−0.83	1.55	−0.86	1.96	+0.59	0.70	−0.45	1.27	+0.81	T.	−0.44	26.32	+7.37
Flandreau	0.06	−0.35	0.32	−0.25	1.70	+0.67	3.72	+1.22	6.10	+2.15	3.97	+0.22	2.62	−0.34	3.25	−0.06	2.65	+0.41	1.58	−0.24	1.23	−0.43	0.13	−0.55	27.33	+2.87
Forestburg	T.	−0.61	0.24	−0.37	2.54	+1.53	5.09	+2.65	7.01	+4.17	5.90	+2.18	1.63	−1.23	3.05	+0.69	0.83	−0.62	0.52	−1.06	1.84	+1.28	0.74	+0.19	29.39	+8.52
Gannvalley	0.20	−0.39	0.45	−0.03	1.70	+0.88	1.59	−0.11	6.00	+3.08	4.85	+0.95	2.02	−1.53	2.32	−0.98	1.05	−0.40	1.20	+0.17	1.28	+0.83	1.00	+0.26	23.66	+2.73
Highmore	0.50	+0.24	0.33	+0.09	1.20	+0.29	2.56	+0.86	6.04	+3.62	7.35	+4.19	3.56	+1.09	2.47	+0.09	1.51	+0.13	0.75	−0.25	0.84	+0.41	0.20	−0.20	27.31	+10.56
Howard									2.45	−0.31	6.22	+2.01	3.78	+0.59	1.60	−1.35	1.44	−0.71	0.67	−1.23	1.28	+0.66	0.79	+0.32		
Howell	0.08	−0.29	0.31	−0.14	0.80	+0.14	2.37	+0.74	5.87	+2.59	7.89	+4.74	2.60	+0.23	2.00	−0.79	1.30	−0.02			0.80	+0.41	0.10	−0.40		
HURON	0.30	−0.21	0.65	+0.18	1.72	+0.73	3.05	+0.40	4.73	+1.81	6.27	+2.49	5.39	+2.45	1.74	−0.90	1.93	+0.24	0.52	−0.82	0.92	+0.34	0.73	+0.11	27.95	+6.82
Ipswich	0.10	−0.31	0.18	−0.34	0.38	−0.86	2.11	+0.11	2.93	−0.94	4.09	+0.58	1.39	−1.06					0.22	−0.84	0.45	+0.04	0.05	−0.27		
Kennebec	0.20	−0.21	0.75	+0.41																			0.50	+0.03		
La Delle			0.40	−0.05	1.57	+0.62	4.43	+2.11	4.50	+1.00	7.97	+3.57	2.95	−0.82	3.64	−0.01			1.03	−1.10	1.25	+0.58	0.06	−0.56		
Marion	T.	−0.69	1.18	+0.44	3.15	+2.17	5.67	+3.49	7.24	+3.08	3.60	−1.19	3.18	−0.60	2.07	−1.27	0.80	−2.04	1.52	−0.85	2.04	+1.16	0.65	−0.15	31.10	+3.54
Mellette	0.20	−0.20	0.45	+0.06	2.60	+1.73	2.94	+0.93	4.02	+0.79	5.61	+2.41	1.84	−0.98	1.33	−1.53	1.86	+0.24	1.32	−0.19	1.24	+0.72	0.10	−0.25	23.51	+3.70
Menno	0.00	−0.44			1.85	+0.80	4.30	+2.40	6.00	+2.19	2.85	−1.43	1.65	−1.92	1.15	−1.61	1.65	−0.61	0.85	−1.25	0.32	−0.42	0.60	−0.06		
Milbank	1.09	+0.49	0.53	−0.22	4.69	+3.45	2.30	+0.07	2.69	−0.66	9.63	+5.70	2.28	−0.51	2.04	−0.82	2.37	+0.51	1.31	−0.41	2.28	+1.50	1.34	+0.63	32.55	+9.73
Mitchell	0.07	−0.45	0.61	+0.07			2.08	−0.69	6.42	+3.10	8.56	+4.64	4.15	+0.86	3.20	+0.50	2.45	+0.38	0.72	−1.20	0.95	+0.34	0.96	+0.37		
Onaka	0.10		0.25		0.95		2.55		5.10		4.00		3.00		3.02		2.30		0.35		0.72		T.		22.34	
Pukwana	0.00												2.41		2.40		2.10		0.67							
Redfield	0.26	−0.03	0.21	−0.22	2.14	+1.49	3.00	+1.24	4.35	+1.44	4.60	+1.86	3.73	+0.77	1.35	−1.87	0.99	−0.88	0.80	−0.55	0.60	+0.20	T.	−0.37	22.03	+3.08
Roslyn	0.30	−0.33	0.34	−0.11	0.40	−0.06	1.29	−0.97	2.14	−1.01	5.91	+2.10	4.07	+1.27			2.01	−0.47	0.37	−1.21	0.91	+0.37	0.10	−0.42		
Sioux Falls	0.08	−0.46	0.80	+0.11	2.70	+1.48	5.32	+2.74	6.22	+1.95	4.17	−0.14	2.20	−1.23	3.32	+0.08	2.23	−0.04	2.01	+0.15	2.22	+1.42	1.62	+0.86	32.89	+6.92
Tyndall	0.02	−0.42	0.61	+0.15	1.52	+0.16	4.54	+1.65	4.12	+0.11	5.18	+1.96	3.57	+0.15	3.56	+0.05	1.04	−0.59	1.25	−1.00	1.92	+1.29	0.66	+0.06	27.99	+3.59
Vermilion	0.27	−0.13	0.63	−0.24	4.45	+3.27	5.55	+3.02	5.76	+1.66	4.17	+0.13	1.89	−2.27	2.58	−0.59	2.33	−1.35	1.76	−0.69	2.11	+1.21	0.88	+0.11	32.37	+4.13
Wagner	0.45		0.90		2.10		4.29		3.44						1.44		1.06		0.84		1.71		1.50			
Watertown	0.15	−0.32	0.32	−0.20	1.92	+1.21	1.81	−0.66	2.58	−0.76	3.72	+0.17	2.20	−1.06	1.42	−1.78	1.28	−0.62	0.52	−1.15	1.20	+0.60	0.54	+0.11	17.66	−4.46
Wentworth	0.15	−0.28	0.33	−0.15	1.56	+0.66	4.32	+1.98	6.21	+2.50	7.47	+3.72	2.27	−0.76	1.19	−1.87	1.40	−1.19	1.27	−0.54	1.25	+0.62	0.44	−0.14	27.86	+4.55
White Lake	0.10		0.50		1.91		4.51		1.24		5.39		2.32		0.62				0.60		0.84		0.50			
Yankton	0.25	−0.31	0.90	+0.29	2.44	+1.30	4.34	+1.54	6.34	+2.44	3.75	−0.52	1.34	−2.18	2.35	−0.77	1.25	−1.20	2.46	+0.89	0.95	+0.16	1.13	+0.40	27.60	+2.04
Western Division.																										
Ardmore	0.16		0.83		0.92		3.78		5.20		3.10		0.77		1.59		0.29		1.48		0.29		0.31		18.71	
Bellefourche	0.31		0.47		2.05		3.18		5.82		4.74		1.21		0.96		0.98		0.54		0.77		0.37		21.40	
Bison																							0.40			
Camp Crook	0.24	−0.39	0.28	−0.12	1.75	+0.59	1.41	+0.39	5.32	+3.17	2.30	−2.63	2.48	+0.78	0.57	+0.84	0.49	−0.66	0.33	−0.29	0.11	−0.31	0.07	−0.31	15.35	−0.32
Cedarbutte	0.15		0.80				5.00		3.80		2.90		0.26		1.14		1.19		0.92		3.03		1.49			
Cottonwood	0.27		0.54		0.58		2.80		5.53		4.02		0.67		1.87		1.63		0.93		0.36		0.18		19.38	
Custer	0.13				0.86		8.45		4.79		2.95		1.97		5.00		1.20		1.35		T.		0.06			
Deadwood	1.30	+0.04	1.30	+0.06					5.20	+0.76	4.20	+0.72			2.00	−0.33	1.45	−0.26	1.75	−0.08	1.15	−0.13	0.95	−0.65		
Deerfield	0.37		0.76		0.62		2.61		3.57		3.09		3.21		1.46		1.32		1.07		0.31		0.22		18.61	
Dowling	0.18		0.17		1.34		1.40		4.32		1.11		1.09		2.05				1.37		1.16		0.38			
Dumont	1.12		1.50		1.23		3.63		3.41		3.18		6.58		1.35		3.21		1.55		0.63		0.37		26.76	
Eagle Butte																										
Eales	0.14		0.50		1.43		1.99		4.28		3.17		3.16		2.47		1.55		0.53		0.40		0.06		19.68	
Elk Mountain	0.10		0.20		0.42		1.79		4.59		5.18		1.79		2.57		0.93		1.28		0.29		0.21		19.35	
Ellingson									1.78		3.38															
Fort Meade																										
Greenmont	1.30		2.40		2.60		5.20		2.50		4.30		1.50		2.50		1.00		1.50		2.10		0.80		27.70	
Hardingrove	0.09		0.43						4.93		0.83		0.80		0.78		0.52				1.58					
Hardy Ranger Station	1.28		1.38		2.15		2.30		3.73		5.12		1.36		2.72		1.73		2.01		1.06		0.80		26.64	
Harveys Ranch	0.95		1.35		2.65		4.30		3.40		4.66		2.62		0.95		0.60		2.16		0.95		0.60		25.09	
Hermosa	0.04	−0.32	0.80	+0.38	0.41	−0.24	3.66	+2.63	6.26	+2.24	3.17	+0.02	1.53	−1.09	1.14	−0.79	1.60	+0.02	0.63	−0.41	0.15	−0.07	0.10	−0.43	19.49	+1.94
Hopewell	0.40		0.48		1.25		2.37		4.63		4.47		3.05		2.52		0.99		0.78		1.12		0.32		22.38	
Hot Springs	0.40		0.40		0.35		4.62		5.37		5.71		1.22		1.37		0.12		1.01		0.08		0.68		21.33	
Interior	0.40		0.60		0.60		1.96		3.42		5.05		1.22		1.15		1.30		0.92		0.85		0.40		17.77	
Jefferson	0.35		1.21		3.07		2.57		5.41		3.75		4.21		0.88		0.82		1.56		0.16		0.26		24.25	
Kadoka					0.39		3.02		5.78		5.06		1.31		1.03		0.70		1.78		0.82		0.30			
Lead	1.20		1.04		1.89		5.36		4.60		4.01		2.53		1.82		0.93		1.91		0.81		0.83		26.93	
Lemmon	0.20		0.21		1.90		2.32		1.86		3.36		2.13		1.19		1.04		0.42		0.26		0.42		15.31	
McIntosh	0.25		0.05		1.65		1.48		3.23		2.38		2.20		4.60		0.86		0.25		0.39		0.10		17.44	
Meadow	0.20		0.45		1.12		1.22		4.17		3.47		2.59		1.38		1.16		1.26		0.24		0.30		17.56	
Mobridge											2.74		1.84		2.00		1.10		0.30							
Mud Butte							2.68		5.19		3.89		1.39		0.68		0.39		1.25		0.69		1.04			
Murdo	1.10		1.60		1.10		3.24		6.32		3.32		1.56		1.59		2.29		2.50		2.26		0.41		27.28	
Oelrichs	0.60	−0.33	0.70	−0.25			3.75	+1.80	6.64	+3.86	4.35	+1.23	1.58	−0.72	1.29	−0.14	T.	−1.18	1.17	−0.15	1.05	+0.40	1.10	+0.36		
Onida	0.17		0.42		1.40		3.06		6.86		4.04		3.54		1.59		1.82		0.63		0.52		0.09		24.14	
Orman	0.11	−0.31	0.85	+0.59	1.22	+0.48	3.38	+2.01	6.84	+4.07	3.75	+1.13	1.92	−0.35	1.09	−0.19	0.56	−1.22	0.64	−0.41	1.01	+0.68	0.29	−0.21	21.66	+6.27
Ottumwa	0.60		0.40		1.70		3.00		5.96		5.28		1.98		2.25		1.65		0.71		1.00		0.40		24.93	
Pierre	0.16	−0.30	0.26	−0.21	1.78	+0.45	3.37	+1.39	5.11	+2.98	4.12	+1.04	2.81	+0.46	2.07	+0.06	0.98	−0.13	1.25	+0.44	0.71	+0.28	0.21	−0.29	22.83	+6.17
Pine Ridge	0.19	−0.12	0.35	−0.05	1.12	+0.45	3.94	+2.46																		
Pollock	0.25	−0.23	0.25	−0.10	0.56	−0.09	1.57	+0.63	3.04	+0.75	3.92	+0.25	0.85	−1.41	1.03	−1.31	1.34	+0.55	0.15	−1.19	0.45	+0.10	0.11	−0.18	13.52	−3.33
Rapid City	0.23	−0.21	0.64	+0.16	0.57	−0.48	4.27	+1.97	8.15	+5.24	4.13	+0.54	1.46	−1.09	1.30	−0.81	0.99	−0.27	1.38	+0.28	0.42	−0.04	0.32	−0.14	23.86	+5.15
Redig	0.35		0.32		0.98		1.03		3.69		3.59		2.30		0.44		1.01		0.74		0.89		0.25		15.59	
Rochford	0.70		1.05		1.43		3.42		4.87		4.55		3.21		1.56		1.59		1.55		0.42		0.35		24.70	
Rosebud Agency																			0.64		0.93		0.56			
Spearfish	0.95	+0.13	0.85	−0.05	2.72	+1.00	4.03	+1.63	4.29	+0.82	2.94	−1.13	1.46	−0.53	1.90	+0.27	0.75	−0.71	1.34	+0.01	1.30	+0.70	0.82	+0.03	23.85	+2.17
Vale	0.24		0.38		1.25		2.67		10.25		6.01		1.59		0.52		0.85		1.23		0.64		0.28		25.91	
Vivian			0.58		1.72		4.59		7.51		5.54		1.71		1.86		0.80		2.19		1.32		0.28			
Waters Ranch	0.58		1.41		1.69		3.02		4.77		3.61		1.85		1.76		1.39		1.56		0.76		0.86		23.26	
Wood	0.27		0.88		0.85		5.62		5.63		4.30		2.60		2.09		0.69		0.71				1.44		28.24	
For the State	0.34	−0.29	0.62	0.00	1.62	+0.91	3.34	+1.32	4.78	+1.72	4.79	+1.66	2.30	−0.52	1.90	−0.52	1.37	−0.45	1.09	−0.51	1.03	+0.59	0.54	0.00	23.67	+3.70

† The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1921, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division.																										
Aberdeen	0.10	−0.70	0.63	−0.26	1.09	−0.78	2.01	−1.31	2.07	−1.80	1.57	−2.47	4.87	+1.65	2.29	−0.84	6.00	+4.18	1.89	+0.10	1.20	+0.34	0.30	−0.53	24.02	−2.42
Academy	0.05	−0.36	T.	−0.48	1.48	+0.36	1.00	−1.42	3.18	+0.01	1.56	−2.07	2.22	−1.37	6.19	+3.19	3.22	+1.66	0.86	−0.65	0.29	−0.14	0.20	−0.52	20.25	−1.79
Alexandria			T.	−0.61	1.10	−0.29	2.32	−0.52	3.91	+0.51	1.50	−2.66	2.58	−0.63	4.08	+1.41	3.15	+0.90	0.42	−1.54						
Armour	0.27	−0.29	0.06	−0.64	1.54	+0.38	1.59	−1.09	3.42	+0.07	2.91	−0.94	1.80	−1.49	6.76	+4.06	3.99	+1.97	0.51	−1.57	0.46	−0.36	0.80	+0.04	24.11	+0.14
Britton	0.20		0.19		0.97		1.22		3.16		2.57		3.94		2.58		6.66		0.51		0.59		0.09		22.68	
Brookings	0.09	−0.32	0.05	−0.44	1.49	+0.75	1.42	−0.67	2.99	−0.25	0.85	−2.81	3.44	+0.99	2.11	−0.70	4.25	+2.21	0.27	−1.21	0.50	−0.05	0.10	−0.43	17.56	−2.93
Canton	0.40	−0.07	0.10	−0.38	1.95	+0.84	1.80	−0.63	7.77	+3.95	3.60	−1.15	1.85	−2.03	3.47	+0.75	2.52	+0.17	1.00	−0.89	0.30	−0.61	0.60	+0.02	25.86	−0.03
Castlewood	0.20	−0.07	0.08	−0.24	2.74	+2.26	2.71	+0.91	2.59	−0.06	0.84	−3.48	4.10	+1.32	4.22	+1.55	7.21	+5.22	0.42	−1.12	0.60	0.00	0.17	−0.11	25.88	+6.16
Centerville	0.36	−0.10	0.40	−0.40	1.14	−0.03	2.10	+0.08	6.86	+2.82	1.21	−3.32	2.14	−2.21	5.50	+2.28	3.36	+0.75	0.41	−1.51	0.38	−0.35	0.70	−0.13	24.56	−2.12
Clark	0.36	−0.14	0.37	−0.15	1.40	+0.20	2.58	+0.61	2.49	−0.64	2.51	−1.59	5.51	+2.57	4.71	+1.95	7.14	+4.75	0.40	−1.29	0.85	+0.10	0.25	−0.34	28.57	+6.09
Colome	0.18		T.		1.38		1.12		2.35		0.66		4.97		3.67		3.50		2.41		0.78		0.42		21.44	
Crow Creek	0.12		T.		0.98		1.28		4.14		0.81		3.57		1.79											
De Smet	0.33	−0.16	T.	−0.56	1.22	+0.16	1.41	−0.89			0.29	−3.16	8.99	+6.27	2.14	−0.46	6.06	+4.16	0.77	−0.83	0.35	−0.23				
Eureka	0.44		0.23		1.27		3.74		3.31		0.52		4.51		4.45		3.29		1.64		0.36		0.24		24.00	
Fairfax	0.25	−0.10	0.25	−0.39	0.38	−0.32	0.65	−1.37	1.81	−2.08	3.19	−1.01	5.62	+1.47	6.19	+3.45	2.75	+1.11	1.10	−0.95	0.12	−0.28	0.27	−0.20	22.58	−0.67
Faulkton	0.15	−0.20	0.05	−0.43	0.69	−0.76	5.62	+3.11	2.64	−0.03	1.49	−1.55	2.52	−0.08	2.75	+0.32	3.19	+1.82	1.46	+0.31	0.83	+0.37	0.20	−0.24	21.59	+2.64
Flandreau	0.39	−0.02	0.05	−0.52	2.16	+1.13	1.39	−1.11	2.95	−1.00	1.16	−3.03	2.22	−0.74	3.14	−0.17	5.45	+3.21	0.99	−0.83	0.51	−0.29	0.11	−0.57	20.52	−3.94
Forestburg	0.47	−0.14	0.02	−0.59	1.85	+0.84	1.59	−0.85	4.37	+1.53	1.76	−1.96	3.49	+0.63	1.97	−0.39	2.98	+1.25	0.66	−0.92	0.42	−0.14	0.33	−0.22	19.91	−0.96
Gannvalley	0.62	+0.03	T.	−0.48	1.08	+0.26	1.43	−0.27	2.48	−0.44	0.27	−3.63	3.37	−0.18	1.60	−1.70	4.24	+2.79	0.85	−0.18	0.51	+0.06	0.60	−0.14	17.05	−3.88
Highmore	0.25	−0.01	T.	−0.24	0.49	−0.42	1.78	+0.08	2.60	+0.18	0.55	−2.61	3.10	+0.63	3.68	+1.30	4.79	+3.41	1.20	+0.20	0.33	−0.10	0.20	−0.20	18.97	+2.22
Howard	0.38	+0.07	0.12	−0.35	1.62	+0.66	1.20	−0.90	2.58	−0.18	1.19	−3.02	5.54	+2.35	2.27	−0.68	2.69	+0.54	0.79	−1.11	0.16	−0.46	0.20	−0.27	18.74	−3.35
Howell	0.13	−0.24	0.02	−0.43	0.65	−0.01	2.63	+1.00	3.35	+0.07	1.06	−2.09	4.33	+1.98	4.41	+1.62	4.34	+3.02	1.71	+0.64	0.55	+0.16	0.20	−0.30	23.38	+5.40
HURON	0.34	−0.17	0.03	−0.41	1.51	+0.52	1.88	−0.77	2.66	−0.26	0.78	−3.00	4.17	+1.23	3.22	+0.58	4.55	+2.86	0.79	−0.55	0.42	−0.16	0.42	−0.20	20.77	−0.33
Ipswich	0.07	−0.34	0.02	−0.50	0.87	−0.37	3.82	+1.82	3.83	−0.04	1.22	−2.29	5.30	+2.85	1.57	−1.41	3.06	+1.15	1.81	+0.75	0.58	+0.17	0.28	−0.04	22.43	+1.75
Kennebec	0.21	−0.20	T.	−0.34	0.10	−0.73							4.49	+2.38	1.13	−1.16	4.03	+3.07	1.04	+0.07	0.47	+0.08	0.80	+0.33		
La Delle	0.20	−0.43	0.19	−0.26	1.80	+0.85	2.17	−0.15	6.29	+2.79					2.49	−1.16	10.06	+7.71	0.63	−1.50	0.95	+0.23	0.18	−0.44		
Marion	0.07	−0.62	0.02	−0.72	2.68	+1.70	1.62	−0.56	2.92	−1.24	1.53	−3.26	1.97	−1.81	5.37	+2.03	7.49	+4.65	0.17	−2.20	0.34	−0.55	0.42	−0.38	24.60	−2.96
Mellette	0.10	−0.30	0.30	−0.09	1.46	+0.59	3.46	+1.45	1.74	−1.49	1.15	−2.05	7.01	+4.19	3.53	+0.67	6.46	+4.84	1.60	+0.09	0.90	+0.38	0.10	−0.28	27.81	+8.00
Menno			0.20	−0.40	1.70	+0.65	2.85	+0.95	5.20	+1.39	3.70	−0.58	4.10	+0.53	8.00	+5.24	4.65	+2.39					0.30	−0.36		
Milbank	0.22	−0.38	0.20	−0.55	2.65	+1.41	2.21	−0.02	1.21	−2.14	2.64	−1.29	3.30	+0.51	2.48	−0.38	4.80	+2.94	0.44	−1.28	3.89	+3.11	0.20	−0.45	24.30	+1.48
Mitchell	0.42	−0.10	0.02	−0.52			2.70	−0.07	3.56	+0.24	0.49	−3.53	2.35	−0.94	3.96	+1.26	2.03	−0.04	0.40	−1.52	0.35	−0.26	0.22	−0.37		
Onaka	0.20		0.40		1.95		5.25		6.70		2.45		3.30		2.30		4.50		1.95		0.60		0.20		29.80	
Redfield	0.03	−0.26	T.	−0.43	0.85	+0.20	1.72	−0.04	1.61	−1.30	0.19	−2.55	4.47	+1.51	3.08	−0.14	6.05	+4.18	1.64	+0.29	1.11	+0.71				
Roslyn	0.12	−0.51	0.10	−0.35	0.90	+0.44	1.01	−1.25	1.29	−1.86	2.55	−1.26	4.92	+2.12	2.31	−1.52	9.99	+7.51	0.54	−1.04	0.47	−0 07	0.05	−0.47	24.25	+1.74
Sioux Falls	0.22	−0.32	0.26	−0.43	2.13	+0.91	2.80	+0.22	4.40	+0.13	1.91	−2.40	4.97	+1.54	2.97	−0.27	1.97	−0.30	1.50	−0.36	0.59	−0.21	0.46	−0.30	24.18	−1.79
Tyndall	0.04	−0.40	0.20	−0.26	1.18	−0.18	1.89	−1.00	6.08	+2.07	1.01	−2.21	4.68	+1.26	4.31	+0.80	3.04	+1.41	0.50	−1.75	0.37	−0.26	0.63	+0.05	23.93	−0.47
Vermilion	0.33	−0.07	0.49	−0.38	0.78	−0.40	1.36	−1.17	7.01	+2.91	2.19	−1.85	2.95	−1.21	3.42	+0.25	2.08	−1.60	0.86	−1.58	0.44	−0.46	0.65	−0.12	22.56	−5.68
Wagner	0.42		0.25		1.00		0.59		5.39		2.38		2.83		4.27		4.28		0.40		0.52		1.30		23.63	
Watertown	T.	−0.47	0.18	−0.34	2.05	+1.34	2.22	−0.25	2.27	−1.07	1.61	−1.91	4.18	+0.92	5.10	+1.90	7.22	+5.32	0.15	−1.52	0.90	+0.30	0.16	−0.27	26.07	+3.95
Wentworth	0.52	+0.09	T.	−0.48	1.81	+0.91	1.53	−0.81	3.72	+0.01	1.00	−2.75	3.62	+0.59	3.69	+0.63	4.29	+1.70	1.17	−0.64	0.41	−0.22	0.26	−0.32	22.02	−1.29
White Lake	0.36		0.10		1.25		1.41		2.55		0.32		3.00		5.84		4.44		0.54		0.56		0.30		20.67	
Yankton	0.46	−0.10	0.39	−0.19	1.23	+0.09	1.15	−1.65	6.04	+2.14	1.36	−2.91	2.63	−0.89	4.85	+1.73	2.33	−0.12	1.03	−0.54	0.32	−0.47	0.60	−0.13	22.39	−3.04
Western Division.																										
Ardmore	1.15		0.18		0.07		0.52		2.42		4.64		0.87		0.55		0.46		0.66		0.68		0.30		12.50	
Bellefourche	0.44		T.		0.70		0.20		1.49		2.68		2.15		0.64		0.50		0.03		0.49		1.05		10.37	
Bison	0.35		0.10		1.45		0.95		4.22																	
Camp Crook	0.07	−0.56	T.	−0.40	1.66	+0.50	0.40	−0.62	1.73	−0.42	1.66	−0.97	0.77	−0.93	1.09	−0.32	1.76	+0.61	T.	−0.62	0.55	+0.18	0.40	+0.02	10.09	−3.58
Cedarbutte	0.45		0.30		1.94		1.99		4.84		0.86		5.01		0.95		2.69		1.94		1.34		0.41		22.72	
Cottonwood	0.17		0.10		0.17		0.40		2.91		0.78		3.58		1.10		0.41		0.78		0.29		0.21		10.90	
Custer	1.25		T.		0.21		0.66		2.91		4.94		1.28		2.95		0.37		0.05		0.25		0.75		16.03	
Deadwood	0.85	−0.41	0.30	−0.94	1.85	−0.38	1.75	−2.93	1.95	−2.49	4.70	+1.22	4.00	+1.53	1.20	−1.13	0.10	−1.61	0.20	−1.63	0.70	−0.58	1.05	−0.55	18.65	−9.90
Deerfield	0.55		0.14		0.14		0.75		1.96		8.35		2.44		1.24		0.44		T.		0.75		0.65		17.41	
Dowling					0.17		1.05		3.00		1.06		2.95		0.41		1.11		2.46		0.24		0.55			
Dumont	0.76		0.41		0.67		0.76		1.38		3.52		2.15		1.19		0.46		0.19		0.40		0.33		12.22	
Eates	0.25		0.04		0.32		1.44		3.02		1.09		2.96		3.02		2.91		1.96		0.83		0.46		18.29	
Elk Mountain	0.58		0.15		0.15		0.28		2.21		6.14		0.93		0.72		0.91		0.09		0.99		0.84		13.99	
Glenham													0.80		2.23		2.32		1.92		0.40					
Greenmont	1.10		0.40		0.62		0.60		1.60		2.30		3.00		1.20		0.30		0.20		0.60		0.90		12.82	
Hardingrove											0.58		2.06		0.74		1.50		2.00		0.37		0.52			
Hardy Ranger Station	0.92		0.57		0.78						1.03		3.37		0.84								0.75		14.18	
Harveys Ranch	1.10		0.65		0.75		0.60		2.55		3.98		2.20		0.55		0.10		0.25		0.70		0.75		18.29	
Hermosa	0.51	+0.15	0.12	−0.30	0.03	−0.62	0.29	−0.74	3.51	−0.48	4.37	+1.22	4.23	+1.61	3.29	+1.36	0.93	−0.65	0.25	−0.79	0.36	+0.14	0.37	−0.16	18.29	+0.74
Hopewell	0.19		T.		0.65		1.84		2.63		1.11		5.32		1.08		2.75		2.40		0.51		0.20		18.08	
Hot Springs	2.10		0.30		0.30		0.70		3.02		3.48		2.54		2.19		0.47		1.43		1.34		0.80		18.67	
Interior	1.26		0.10		1.00		0.47		4.02		2.03		4.09		1.26		1.00		1.30		0.59		1.00		18.02	
Isabel	0.05		T.		1.02		1.15														0.27		0.24			
Jefferson	0.33		T.		2.05		0.57		2.44		0.82		1.16		1.66		1.45		0.12		1.07		1.30		12.97	
Kadoka	0.60		0.00		0.44		0.93		2.49		0.90		5.07													
Lead	0.79		0.41		1.21		1.22		1.40		4.58		2.70		1.50		0.29		0.33		1.06		0.95		16.49	
Lemmon	0.66		T.		0.79		1.01		1.77		2.70		0.71		0.75		1.84		0.31		1.50		0.60		12.64	
McIntosh	0.05		0.00		0.97		1.88		2.81		1.70		1.05		1.98		3.74		1.25		0.70		0.60		16.73	
Meadow	0.10		T.		1.31		0.63		2.05		0.79		1.76		0.51		1.62		0.29		0.62		0.80		10.38	
Mud Butte	0.17		T.		1.12		0.66		2.77		1.61		1.05		2.92		1.80		0.02		0.42		0.35		12.89	
Murdo	T.		T.				0.51		2.83		1.50		4.11		0.99		2.76		2.45		0.20		0.18			
Newell	0.29		T.		0.84		0.72		1.44		8.36		2.30		0.52		0.72		0.10		0.30		0.50		11.09	
Oelrichs	1.47	+0.54	0.83	−0.12	0.02	−1.60	0.48	−1.47	3.42	+0.64	2.77	−0.35	1.65	−0.65	0.65	−0.78	0.35	−0.83	1.37	+0.05	1.10	+0.45	0.70	−0.04	14.81	−4.16
Onida	0.15		0.00		0.49		1.60		3.98		0.21		2.71		0.81		2.00		1.48		0.41		0.04		13.88	
Orman	0.30	−0.12	T.	−0.26	0.47	−0.27	0.63	−0.74	1.47	−1.30	2.40	−0.22	2.20	−0.07	0.35	−0.93	0.45	−1.33	0.10	−0.95	0.31	−0.02	0.43	−0.07	9.11	−6.28
Ottumwa	0.42		0.20		0.40		1.08		3.72		0.64		2.28				2.19		2.18				0.40			
Pierre	0.21	−0.25	0.05	−0.39	0.49	−0.84	1.33	−0.65	4.79	+2.66	0.54	−2.54	4.92	+2.57	1.59	−0.42	3.21	+2.10	1.28	+0.47	0.49	+0.06	0.27	−0.23	19.17	−0.23
Pine Ridge																			1.60	+0.21	0.56	+0.37	0.53	−0.01		
Pollock	0.21	−0.27	0.08	−0.27	1.47	+0.82	4.28	+3.34	2.26	−0.03	1.83	−1.84	1.68	−0.58	1.63	−0.71	2.24	+0.35	2.25	+0.91	1.05	+0.70	0.53	+0.24	19.51	+2.66
Rapid City	0.78	+0.34	0.23	−0.23	0.16	−0.89	0.36	−1.94	2.50	−0.41	3.36	−0.23	1.65	−0.90	1.99	−0.12	0.95	−0.31	T.	−1.10	0.63	+0.17	0.70	+0.24	13.31	−5.38
Redig	0.26		T.		1.97		0.44		0.92		1.35		2.10		0.84		1.29		0.07		0.37		0.62		10.23	
Rochford	1.04		0.43		0.40		1.37		2.12		3.73		2.79		2.37		0.37		0.07		0.89		0.73		16.31	
Rosebud Agency	0.25		0.08		1.65		0.43		4.22		1.20		3.87		3.03		1.65		2.62		0.98		1.08		21.06	
Spearfish	0.37	−0.45	0.13	−0.77	1.00	−0.72	0.64	−1.76	1.15	−2.32	2.92	−1.15	2.48	+0.49	1.63	0.00	0.43	−1.03	0.26	−1.07	1.17	+0.57	2.38	+1.59	14.56	−6.62
Vale	0.44		0.03		0.49		0.59		1.93		2.50		2.07		1.02		0.64		0.23		0.51		1.09		11.54	
Vivian	0.19		0.01		0.68		1.53		4.23		1.22		4.34		0.44		3.55		1.68		0.63		0.28		18.78	
Waters Ranch	1.00		0.05		0.96		0.55		1.04		3.59		5.78		0.88		1.40		0.24		0.66		1.39		17.54	
Wood	0.33		0.08		1.04				3.68		1.84		4.03		2.47		2.37		1.54		0.57		0.38			
For the State	0.41	−0.15	0.15	−0.41	1.12	+0.21	1.55	−0.37	3.21	+0.02	2.10	−1.93	3.41	+0.53	2.63	+0.52	3.09	+2.00	0.96	−0.71	0.65	+0.06	0.51	−0.16	18.83	−0.83

† The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1922, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division.																										
Aberdeen	1.55	+0.75	2.35	+1.46	1.63	−0.24	2.57	−0.75	3.36	−0.51	2.97	−1.07	0.75	−2.47	0.52	−2.61	0.58	−1.24	0.36	−1.43	3.42	+2.56	0.70	−0.13	20.76	− 5.68
Academy	0.45	+0.04	1.05	+0.57	0.20	−0.92	1.13	−1.29	1.77	−1.40	4.35	+0.72	3.95	+0.36	2.72	−0.28	0.00	−1.56	1.43	−0.08	1.80	+1.37	0.80	+0.08	19.65	− 2.89
Alexandria					0.25	−1.14			1.92	−1.48	3.95	−0.21	4.50	+.29	1.51	−1.16	0.27	−1.98	1.12	−0.84			0.80	+0.21		
Armour	0.76	+0.20	1.08	+0.38	0.55	−0.61	0.51	−2.17	1.72	−1.63	4.01	+0.16	5.50	+2.21	2.86	+0.16	0.01	−2.01	1.23	−0.85	1.49	+0.67	0.80	+0.04	20.52	− 3.45
Britton	0.40		2.92		0.79		2.09		4.01		3.66		0.44		1.39		1.84		0.23		3.08		0.29		21.14	
Brookings	0.40	−0.01	1.73	+1.24	0.79	+0.05	0.42	−1.67	1.82	−1.42	3.75	+0.09	2.81	+0.36	1.70	−1.11	0.36	−1.68	0.81	−0.67	3.08	+2.53	0.20	−0.33	17.87	− 2.62
Canistota																	0.22		0.85		2.35		0.35			
Canton	0.45	−0.02			1.30	+0.19	1.35	−1.08	1.50	−2.32	1.91	−2.84	5.15	+1.27	2.45	−0.27	0.33	−2.02	0.93	−0.96	4.46	+3.54				
Castlewood	0.81	+0.54	1.92	+1.63	1.01	+0.53	1.79	−0.01	4.39	+1.72	1.55	−2.77	1.16	−1.62	2.11	−0.56	0.41	−1.68	0.96	−0.58	3.79	+3.19	0.22	−0.06	20.12	+ 0.40
Centerville	1.15	+0.69	1.01	+0.21	0.91	−0.26	1.82	−0.20	1.67	−2.37	2.25	−2.28	5.51	+1.16	2.50	−0.72	2.64	+0.03	1.05	−0.87	2.68	+1.95	0.44	−0.39	23.63	− 3.05
Clark	1.40	+0.90	1.30	+0.78	1.39	+0.16	1.82	−0.15	2.97	−0.16	1.47	−2.63	0.74	−2.20	0.93	−1.83	0.23	−2.16	0.70	−0.99	5.15	+4.40	0.23	−0.36	18.24	− 4.24
Colome	0.49		0.84		0.41		0.73		3.06		2.07		3.76		1.05		T.		0.98		2.22		0.58		16.19	
Crow Creek	1.35		0.97		0.25		0.55														2.42		0.72			
De Smet	1.90	+1.41	2.45	+1.89	0.75	−0.31	0.62	−1.68	3.92	+1.06	3.25	−0.20	2.16	+0.56	2.12	−0.48	0.30	−1.60	1.02	−0.58	2.35	+1.77				
Eureka	0.16		0.94		0.30		0.89		3.39		3.38		1.66		0.45		0.54		0.63		3.90		0.23		16.47	
Fairfax	0.56	+0.21	0.72	+0.08	0.37	−0.33	0.70	−1.32	2.89	−1.00	5.09	+0.89	4.48	+0.33	2.65	−0.09	T.	−1.64	2.69	+0.64			1.20	+0.73		
Faulkton	0.82	+0.47	1.08	+0.60	0.50	−0.95	1.77	−0.74	4.46	+1.79	3.05	+0.01	0.80	−1.80	0.67	−1.76	0.41	−0.96	0.70	−0.45	3.35	+2.89	0.15	−0.29	17.76	− 1.19
Flandreau	0.89	+0.48	1.85	+1.28	1.11	+0.08	0.10	−2.40	1.63	−2.32	2.74	−1.45	2.63	−0.33	2.09	−1.22	0.86	−1.38	1.09	−0.73	3.59	+2.79	0.40	−0.28	18.98	− 5.48
Forestburg	1.62	+1.01	2.52	+1.91	0.74	−0.27	1.18	−1.26	2.92	+0.08	5.39	+1.67	1.92	−0.94	0.67	−1.69	0.45	−1.28	1.10	−0.48	2.23	+1.67	0.53	−0.02	21.27	+ 0.40
Gannvalley	1.20	+0.61	1.40	+0.92	0.85	+0.03	1.22	−0.48	6.76	+3.84	5.55	+1.65	2.65	−0.90	1.15	−2.15	0.12	−1.33	1.32	+0.29	2.87	+2.42	0.60	−0.14	25.69	+ 4.76
Highmore	0.45	+0.19	0.93	+0.69	1.05	+0.14	0.93	−0.77	2.87	+0.45	3.65	+0.49	2.85	+0.38	0.41	−1.97	0.48	−0.90	0.53	−0.47	2.83	+2.40	0.35	−0.05	17.33	+ 0.58
Howard	0.74	+0.43	1.27	+0.80	1.10	+0.14	1.20	−0.96	1.93	−0.83	3.22	−0.99	3.44	+0.25	0.41	−2.54	0.36	−1.79	0.97	−0.93			0.20	−0.27		
HURON	1.34	+0.83	1.20	+0.76	0.86	−0.13	0.54	−2.11	2.47	−0.45	3.24	−0.54	1.15	−1.79	0.39	−2.25	0.28	−1.41	0.84	−0.50	2.72	+2.14	0.22	−0.40	15.25	− 5.85
Ipswich	0.60	+0.19	0.90	+0.38	0.70	−0.54	1.36	−0.64	4.21	+0.34	2.65	−0.86	1.49	−0.96	0.22	−2.76	0.84	−1.07	0.52	−0.54	3.44	+3.03	0.40	+0.08	17.33	+ 3.35
Kennebec	0.30	−0.11	1.00	+0.66	0.90	+0.07	0.63	−1.40	3.16	+0.88	6.88	+3.93	2.50	+0.39	2.21	−0.08	0.03	−0.93	0.23	−0.74	1.58	+1.19	0.61	+0.14	20.03	+ 4.00
La Delle	1.02	+0.39	1.36	+0.91	1.60	+0.65	1.35	−0.97	3.10	−0.40	2.14	−2.26	1.70	−2.07	1.20	−2.45			0.92	−1.21	5.42	+4.75	0.11	−0.51		
Marion	1.48	+0.79	1.55	+0.81	1.24	+0.26	T.	−2.18	1.18	−2.98	3.84	−0.95	5.93	+2.15	1.56	−1.78	0.77	−2.07	0.61	−1.76	3.88	+2.99	0.48	−0.32	22.52	− 5.04
Mellette	2.20	+1.80	2.70	+2.31	2.38	+1.51	1.84	−0.17	5.31	+2.08	2.14	−1.06	0.56	−2.26	0.63	−2.23	0.29	−1.33					0.60	+0.22		
Menno	0.50	+0.06	0.95	−0.35	0.30	−0.75	0.65	−1.25	0.80	−3.01	4.15	−0.13	5.70	+2.13	3.30	+0.54	0.60	−2.26	1.30	−0.80	2.40	+1.66	0.10	−0.56	20.15	− 4.02
Milbank	1.94	+1.34	3.19	+2.44	0.66	−0.58	1.92	−0.31	2.52	−0.83	1.11	−2.82	1.26	−1.53	1.84	−1.02	1.35	−0.51	1.23	−0.49	4.76	+3.98				
Miller	0.45	+0.08	0.70	+0.25	1.18	+0.52	1.26	−0.37	3.17	−0.11	3.22	+0.07	1.36	−1.01	0.92	−1.87	0.18	−1.14	0.60	−0.47	2.29	+1.90	0.23	−0.27	15.56	− 2.42
Mitchell	0.67	+0.15	1.61	+1.07	0.27	−0.85	1.24	−1.53	2.59	−0.76	3.06	−0.97	6.27	+2.98	1.35	−1.35	0.29	−1.78	1.17	−0.75	1.85	+1.24	0.58	−0.01	20.94	− 2.53
Onaka	1.25		0.90		1.02		1.00		5.52		3.62		2.35		0.40		0.76		0.55		3.15		0.30		20.76	
Parkston																			1.68		1.98		0.30			
Redfield	0.67	+0.38	3.65	+3.22	2.04	+1.39	2.60	+0.84	4.44	+1.53	2.67	−0.07	0.80	−2.16	0.13	−3.09	0.30	−1.57	0.40	−0.95	2.83	+2.43	0.40	+0.03	20.93	+ 1.98
Roslyn	0.70	+0.07	0.90	+0.45	1.17	+0.71	1.99	−0.27	2.18	−0.97	0.76	−3.05	1.73	−1.07	1.12	−2.71	0.86	−1.62	0.66	−0.92	4.39	+3.85	0.21	−0.31	16.67	− 5.84
Sioux Falls	2.23	+1.69	0.80	+0.11	0.84	−0.38	0.56	−2.02	2.16	−2.12	2.75	−1.56	6.56	+3.13	1.31	−1.93	1.19	−1.08	1.01	−0.85	3.18	+2.38	0.52	−0.24	23.10	− 2.87
Tyndall	0.85	+0.41	0.10	−0.36	0.31	−1.05	0.50	−2.39	1.08	−2.93	2.57	−0.65	3.92	+0.50	1.98	−1.53	0.37	−1.26	1.60	−0.65	1.62	+0.99	0.33	−0.25	15.23	− 9.17
Vermilion	0.85	+0.45	0.89	+0.02	0.99	−0.19	3.81	+1.28	2.58	−1.52	3.55	−0.49	3.87	−0.29	1.01	−2.16	0.79	−2.89	1.14	−1.30	3.75	+2.85	0.18	−0.59	23.41	− 4.83
Wagner	1.50		0.35		1.35		0.31		2.16		2.76		5.41		2.99		0.11		1.59		1.98		1.00		20.61	
Watertown	1.87	+1.40	2.28	+1.76	0.56	−0.15	1.56	−0.91	3.49	+0.15	2.03	−1.52	1.82	−1.44	2.39	−0.81	0.67	−1.23	0.52	−1.16	2.93	+2.33	0.35	−0.08	20.47	− 1.65
Wentworth	0.75	+0.32	1.84	+1.36	1.06	+0.16	0.41	−1.93	2.15	−1.56	3.66	−0.09	4.81	+1.78	2.18	−0.88	0.65	−1.94	0.98	−0.83	3.36	+2.73	0.26	−0.32	22.11	− 1.20
White Lake	1.16		1.35		0.41		0.78		3.96		4.39		2.94		1.64		0.10		1.30		1.37		0.65		20.05	
Yankton	1.77	+1.21	0.74	+0.16	0.93	−0.21	1.37	−1.43	1.77	−2.13	2.62	−1.65	3.17	−0.35	0.96	−2.16	0.85	−1.60	0.73	−0.84	2.57	+1.78	0.20	−0.53	17.68	− 7.75
Western Division.																										
Ardmore	0.55		0.14		T.		3.21		2.66		2.69		4.07				0.15		0.83		2.10		0.41			
Bellefourche	0.67		0.27		0.89		2.41		3.79		3.16		5.95		0.80		T.		0.36		2.44		0.65		21.39	
Camp Crook	0.54	−0.09	0.49	+0.09	0.26	−0.90	2.45	+1.43	3.97	+1.82	5.50	+2.87	3.09	+1.39	1.92	+0.61	0.10	−1.05	0.78	+0.16	1.55	+1.13	0.20	−0.18	20.95	+ 7.18
Cedarbutte	2.03		0.19																							
Cottonwood	0.94		0.32		0.00		1.25		2.87		5.43		6.48		0.72		0.16		0.92		2.72		0.60		22.41	
Custer	0.77		0.17		0.23		2.88		4.30		3.23		6.60		2.55		0.41		0.38		2.37		0.33		24.22	
Deadwood	1.45	+0.19	0.50	−0.74	0.73	−1.50	2.60	−2.08	13.75	+9.31	6.30	+2.82	8.15	+5.68	2.30	−0.03	0.00	−1.71	2.25	+0.42	5.50	+4.22	1.90	+0.30	45.43	+16.88
Deerfield	1.00		0.15		0.19		2.12		4.70		2.14		6.29		4.46		0.36		0.69		2.64		0.20		24.94	
Dowling	0.44		0.51		0.27		0.74		4.85		5.22		3.39		1.77		0.35		1.25		4.38		0.96		24.13	
Dumont	0.85		0.41		0.28		1.32		2.49		3.31		3.83		1.29		0.14		0.52		1.99		0.52		16.92	
Dupree	0.60		0.70		0.18		0.98		2.98		5.25		4.48		1.38		0.78		0.72		3.76		1.83		23.64	
Eales	0.49		0.85		0.88		1.03		3.50		4.04		3.30		0.36		0.48		0.40		2.37		0.24		18.06	
Elk Mountain	0.87		0.16		0.33		1.95		3.17		2.92		3.21		0.37		0.67		0.70		3.47		0.30		18.15	
Greenmont	1.20		0.70		1.01		2.10		4.71		4.41		3.70		2.00		0.20		0.40		4.60		1.00		26.03	
Hardingrove									3.27		3.75		1.78		0.73											
Hardy Ranger Station			0.40		0.70		0.70		3.70		2.25		2.29		1.08		0.00		0.90							
Harveys Ranch	0.85		0.45		0.70		1.25		6.45		3.65		3.39		1.00		T.		0.40		3.60		0.40		22.14	
Hermosa	0.41	+0.05	0.11	−0.31	0.20	−0.45	4.34	+3.31	2.20	−1.82	2.53	−0.62	3.96	+1.34	2.42	+0.49	0.43	−1.15	0.52	−0.52	2.35	+2.13	0.66	+0.13	20.13	+ 2.58
Hopewell	0.41		0.52		0.43		0.93		3.09		4.30		3.60		1.67		0.23		0.50		2.53		0.42		18.63	
Hot Springs	1.50		0.40		0.25		4.22		3.62		2.77		5.61		3.73		0.25		0.30		4.50		0.63		27.78	
Interior					0.00		1.57		2.36		1.99		6.18		0.10		0.20		0.65							
Isabel			0.25		0.09		0.06																			
Jefferson	1.07		3.13		1.45		1.43		3.08						0.47		0.35		0.36		2.17		T.			
Kaluka	0.70				0.00		0.80		3.65		5.57		8.82		0.41		0.75									
Lead	1.49		0.40		0.55		2.55		10.99		5.33		5.40		2.14		0.16		1.14		4.13		1.08		35.36	
Lemmon	1.15		1.70		1.23		0.92		3.83		7.60		1.14		0.40		0.30		0.44		3.54		1.15		23.40	
McIntosh	0.45		2.55		2.50		0.87		2.50		4.46		1.23		0.18		0.72		0.28		2.54		0.55		18.83	
McLaughlin									5.16		4.16		1.09		0.61		0.47		0.49		3.82		0.40			
Meadow	0.40		1.25		1.05		1.06		3.21		4.09		2.28		1.25		0.17		0.81				0.43			
Mud Butte	0.34		0.38		0.62		0.91		3.47		7.15		3.99		0.42		0.05		1.71		2.93		0.12		22.09	
Murdo	0.27		0.19		0.60		0.70		4.23		3.91		2.95		2.94		0.23		0.52		3.85		0.30		20.69	
Newell	1.31		0.38		0.20		2.84		8.42		3.74		6.52		0.90		T.		0.79		2.82		0.24		23.16	
Norris							3.04				4.08		8.30		0.79		0.62		0.70		3.70		1.53			
Oelrichs	1.50	+0.57	0.60	−0.35	0.00	−1.62	3.25	+1.30	1.90	−0.88	3.82	+0.70	8.37	+6.07	0.55	−0.88			T.	−1.32	4.28	+3.63	1.20	+0.46		
Onida	0.63		0.80		0.41		0.22		5.23		3.71		2.11		2.73		0.42		0.51		1.04		0.10		17.91	
Orman	0.53	+0.11	0.46	+0.20	0.38	−0.36	2.21	+0.84	3.93	+1.16	3.78	+1.16	7.13	+4.86	0.51	−0.77	T.	−1.78	0.25	−0.80	1.00	+0.67	0.60	+0.10	20.78	+ 5.39
Ottumwa	1.20		0.90		0.50		1.00		3.54		3.96										3.58		1.40			
Pierre	0.68	+0.22	0.49	+0.05	0.56	−0.77	0.59	−1.39	3.58	+1.45	4.60	+1.52	2.84	+0.49	2.03	+0.02	0.19	−0.92	0.44	−0.37	3.16	+2.73	0.31	−0.19	19.47	+ 2.84
Pine Ridge	0.98	+0.67			T.	−0.67																	0.70	+0.16		
Pollock	0.23	−0.25	1.87	+1.52	0.62	−0.63	0.92	−0.02	2.72	+0.43	3.07	−0.60	1.43	−0.83	0.05	−2.29	0.44	−1.45	0.54	−0.80	2.80	+2.45	0.25	−0.04	14.94	− 1.91
Rapid City	0.97	+0.53	0.44	−0.02	0.10	−0.95	3.22	+0.92	3.73	+0.82	2.62	−0.97	4.33	+1.78	1.22	−0.89	0.75	−0.51	0.60	−0.50	3.24	+2.78	0.27	−0.19	21.49	+ 2.80
Redig	0.78		1.01		0.53		1.94		3.31		5.74		3.67		0.88		T.		1.07		2.15		0.55		21.63	
Rochford	1.32		0.50		0.39		2.93		4.75		3.02		5.51		4.17		0.10		0.92		4.82		0.45		28.88	
Rosebud Agency	1.88		0.26																							
St. Francis															0.85		0.00		0.57		2.78		0.63			
Spearfish	1.27	+0.45	0.19	−0.71	0.42	−1.30	2.25	−0.15	10.14	+6.67	6.64	+2.57	5.30	+3.31	4.35	+2.72	0.07	−1.39	1.19	−0.14	4.50	+3.90	0.71	−0.08	37.03	+15.85
Vale	0.91		0.30		0.14		2.40		3.59		4.19		4.40		0.92		T.		0.79		2.78		0.38		20.80	
Vivian	0.50		0.40		0.75		0.71		2.49		5.83		3.44		3.86		0.27		0.45		2.32		0.50		21.52	
Waters Ranch	1.33		0.35		0.54		1.52		7.28		6.57		4.43		3.83		0.00		1.25		3.49		0.99		31.58	
Wood	0.90		0.51		0.71		0.54		3.35		3.88		4.64		5.94		0.23		0.91		2.63		0.55		24.79	
For the State	0.95	+0.50	1.01	+0.73	0.68	−0.26	1.48	−0.71	3.58	−0.05	3.73	−0.32	3.69	+0.46	1.56	−1.18	0.38	−1.45	0.83	−0.67	3.03	+2.50	0.53	−0.11	21.61	− 0.41

† The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1923, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division.																										
Aberdeen	1.65	+0.85	0.85	−0.04	1.06	−0.81	2.32	−1.00	1.85	−2.02	5.42	+1.38	4.15	+0.93	1.09	−2.04	3.92	+2.10	0.48	−1.31	0.55	−0.31	0.47	−0.96	28.81	−2.63
Academy	0.35	−0.06	0.00	−0.48	0.40	−0.72	1.64	−0.78	2.73	−0.44	5.76	+2.13	1.95	−1.64	4.67	+1.67	1.94	+0.38	0.68	−0.83	0.28	−0.15	0.40	−0.82	20.80	−1.24
Alexandria			T.	−0.61					1.63	−1.77	3.26	−0.90	3.85	+0.64	3.96	+1.29	4.43	+2.18			0.70	+0.06				
Armour	0.50	−0.06	T.	−0.70	0.30	−0.86	2.09	−0.59	2.75	−0.60	3.12	−0.73	2.20	−1.09	4.31	+1.61	3.14	+1.12	0.63	−1.45	0.51	−0.31	0.22	−0.64	19.77	−4.20
Bowdle									1.36		4.93		3.26		1.65		2.21		0.50		0.38		0.15			
Britton	0.94		1.09		0.36		1.69		1.42		4.00		2.39		1.18		0.97		0.65		0.18		0.37		15.24	
Brookings	0.27	−0.14	0.07	−0.42	0.29	−0.45	3.00	+0.91	2.59	−0.65	5.74	+2.08	1.94	−0.51	3.03	+0.22	1.73	−0.31	1.41	−0.07	0.23	−0.32	0.23	−0.30	50.53	+0.04
Burke					0.21		1.42		3.93		3.87		7.66		3.02		2.03		0.50		0.62		0.10			
Canistota	0.31		0.04		0.70		2.98		2.21		3.57		1.88		4.19		2.47		0.59		0.45		0.52		19.91	
Canton			T.	−0.48	1.20	+0.09	2.40	−0.03	3.75	−0.07	4.10	−0.65	3.67	−0.21	4.77	+2.05	4.00	+1.65	0.90	−0.99	0.33	−0.58	0.30	−0.28		
Castlewood	0.93	+0.66	0.13	−0.19	0.39	−0.09	4.08	+2.28	3.86	+1.19	6.38	+2.06	2.74	−0.04	1.29	−1.38	2.37	+0.38	0.84	−0.70	0.25	−0.35	0.25	−0.03	23.51	+3.79
Centerville	0.70	+0.24	0.10	−0.70	1.60	+0.43	2.48	+0.46	3.99	−0.05	3.84	−0.69	1.78	−2.57	3.97	+0.75	3.39	+0.28	0.76	−1.16	0.41	−0.32	0.60	−0.23	23.62	−3.06
Clark	0.94	+0.44	0.34	−0.18	0.73	−0.41	2.78	+0.81	2.60	−0.53	5.34	+1.24	2.23	−0.71	1.06	−1.70	3.11	+0.72	0.98	−0.71	0.41	−0.34	0.23	−0.36	20.76	−1.78
Colome	0.56		0.03		0.26		1.24		2.60		4.31		3.81		1.98		2.97		1.15		0.36		0.20		19.47	
Crow Creek	0.38		0.14		0.66		1.75																			
De Smet			0.40	−0.16	0.40	−0.66	1.75	−0.55	2.35	−0.61	5.73	+2.28	2.10	−0.62			1.89	−0.01	1.20	−0.40	0.46	−0.13	0.40	−0.22		
Eureka	0.13		0.17		0.35		1.31		3.56		4.17		3.07		1.79		2.56		1.52		0.22		0.20		19.65	
Fairfax	0.60	+0.25	0.25	−0.39	0.60	−0.10	1.70	−0.32	2.92	−0.97	4.33	+0.13	2.71	−1.44	4.51	+1.77	5.25	+3.61	0.95	−1.10	0.45	+0.05	0.39	−0.08	24.66	+1.41
Faulkton	0.25	−0.10	0.05	−0.43	0.41	−1.04	1.40	−1.11	3.62	+0.95	5.86	+2.82	2.49	−0.11	2.91	+0.48	2.00	+0.63	0.65	−0.50	0.32	−0.14	0.10	−0.34	20.06	+1.11
Flandreau	0.45	+0.04	T.	−0.57	0.75	−0.28	3.66	+0.56	3.30	−0.65	4.29	+0.10	1.06	−1.90	3.17	−0.14			0.89	−0.89	0.66	−0.15	0.28	−0.40		
Forestburg	0.05	−0.56	T.	−0.61	0.33	−0.68	1.86	−0.58	1.31	−1.53	6.34	+2.62	2.68	−0.18	2.76	+0.39	2.38	+0.65	0.38	−1.20	0.36	−0.20	0.53	−0.02	18.97	−1.90
Gannvalley	0.50	−0.09	T.	−0.48			1.17	−0.53	2.04	−0.88	4.45	+0.55	5.12	+1.57	4.95	+1.55	2.22	+0.77	0.47	−0.56	0.35	−0.10	0.25	−0.49		
Highmore	0.42	+0.16	0.01	−0.23	1.01	+0.10	1.63	−0.07	2.04	−0.38	5.15	+1.99	3.81	+1.34	5.00	+2.62	1.17	−0.21	0.87	−0.13	0.21	−0.22	0.19	−0.21	21.51	+4.76
Howard	0.18	−0.13	T.	−0.47			2.39	+0.29	1.21	−1.55	5.56	+1.35	2.33	−0.86	3.81	+0.86	2.61	+0.46	1.15	−0.76	0.44	−0.18	0.20	−0.21		
HURON	0.28	−0.23	0.05	−0.39	0.25	−0.74	1.50	−1.15	1.58	−1.34	4.14	+0.36	4.17	+1.23	2.89	+0.25	1.95	+0.26	0.63	−0.71	0.31	−0.27	0.22	−0.40	17.97	−3.13
Ipswich	0.48	+0.07	0.26	−0.27	0.16	−1.08	1.27	−0.73	3.14	−0.73	3.43	−0.08	4.08	+1.63	1.41	−1.54	2.01	+0.10	0.53	−0.53	0.21	−0.20	0.15	−0.17	17.15	−3.53
Kennebec	0.21	−0.20	0.03	−0.31	0.38	−0.45	0.97	−1.06	2.35	+0.07	5.22	+2.27	3.16	+1.05	3.73	+1.44	1.58	+0.62	0.24	−0.73	0.37	−0.02	0.30	−0.17	18.54	+2.51
La Delle	0.21	−0.42	0.05	−0.40			1.88	−0.44	1.74	−1.76	6.16	+1.76	3.53	−0.24			4.03	+1.68	2.03	−0.10	0.65	−0.02	0.20	−0.42		
Marion	0.10	−0.59	T	−0.74	0.94	−0.04	3.87	+1.69	3.72	−0.44	5.70	+0.91	2.87	−0.91	4.33	+0.99	3.88	+1.04	0.68	−1.69	0.65	−0.24	0.37	−0.43	27.11	−0.45
Mellette	0.70	+0.30	0.50	+0.11	0.50	−0.37	1.58	−0.43	2.83	−0.40	3.17	−0.03	4.04	+1.22	1.34	−1.52	2.53	+0.91	0.63	−0.88	0.29	−0.23	T.	−0.38	18.11	−1.70
Menno	0.10	−0.34	0.00	−0.60	0.10	−0.95	3.05	+1.15	3.60	−0.21	3.93	−0.35	2.28	−1.29	3.44	+0.68	3.60	+1.34	0.87	−1.23	0.35	−0.39	0.59	−0.07	21.91	−2.26
Milbank	2.59	+1.99	1.29	+0.54	1.12	−0.12	2.79	+0.56	2.52	−0.83	2.68	−1.25	1.54	−1.25	1.21	−1.65	2.08	+0.22	0.49	−1.23	0.52	−0.26	0.41	−0.30	19.24	−3.58
Miller	0.28	−0.09	0.06	−0.39	0.34	−0.32	0.82	−0.81	0.96	−2.32	3.32	+0.17	4.52	+2.15	2.49	−0.30	2.11	+0.79	1.28	+0.21	0.02	−0.37	0.25	−0.25	16.45	−1.53
Mitchell	0.20	−0.32	0.06	−0.48	0.52	−0.60	2.51	−0.26	1.77	−1.55	7.29	+3.27	3.05	−0.24	6.25	+3.55	1.98	−0.09	0.40	−1.52	0.29	−0.32	0.20	−0.39	24.52	+1.05
Onaka	0.40		0.45		0.25		2.25		1.65		5.38		3.85		2.57		2.40		1.35		0.25		0.30		21.10	
Parkston	0.21		T.		0.56		2.00		2.05		2.55		3.56		2.81		3.50		0.80		0.28		0.43		18.75	
Pukwana																	1.68		0.35		0.15		0.21			
Redfield	0.30	+0.01	0.15	−0.28	0.33	−0.32	1.71	−0.05	2.10	−0.81	5.33	+2.59	2.13	−0.83	1.15	−2.07	2.47	+0.60	0.21	−1.14	0.31	−0.09	0.30	−0.07	16.49	−2.46
Roslyn	0.72	+0.09	0.36	−0.09	0.33	−0.13	1.87	−0.39	3.07	−0.08	3.23	−0.58	2.19	−0.61	1.04	−2.79	1.46	−1.02	0.39	−1.19	0.67	+0.13	0.05	−0.47	15.38	−7.13
Sioux Falls	0.60	+0.06	T.	−0.69	1.23	+0.01	3.28	+0.70	3.64	−0.63	5.92	+1.61	3.21	−0.22	3.88	+0.64	5.79	+3.52	0.73	−1.13	0.55	−0.25	0.40	−0.36	29.23	+3.26
Tyndall	0.30	−0.14	T.	−0.46	0.36	−1.00	3.01	+0.12	7.36	+3.37	6.72	+3.50	2.08	−1.34	4.39	+0.88	4.25	+2.62	0.45	−1.80	0.00	−0.63	0.42	−0.16	29.36	+4.96
Vermilion	0.40	0.00	0.06	−0.81	1.06	−0.12	3.45	+0.92	2.89	−1.21	5.91	+1.87	2.15	−2.01	3.85	+5.68	5.20	+1.52	0.57	−1.87	0.24	−0.66	0.88	+0.11	31.66	+3.42
Victor											2.47		1.45		3.92		1.85		0.47		0.53		0.21			
Wagner	0.65		T.		1.45		2.97		2.95		1.57		3.61		4.20		3.56		0.60		0.50		0.08		22.14	
Watertown	0.91	+0.44	0.15	−0.37	0.48	−0.23	2.65	+0.18	1.77	−1.67	5.29	+1.74	1.41	−1.85	0.63	−2.67	1.67	−0.23	0.23	−1.44	0.31	−0.29	0.38	−0.06	16.88	−6.24
Wentworth	0.21	−0.22	T.	−0.48	0.30	−0.60	2.46	+0.11	2.96	−0.75	5.60	+1.85	2.39	−0.64	3.35	+0.29	2.82	+0.23	0.51	−1.30	0.23	−0.40	0.23	−0.35	21.05	−2.26
White Lake	0.25		T.		0.65		1.69		1.37		3.76		1.95		3.91		1.92		0.80		0.26		0.67		17.28	
Yankton	0.48	−0.08	0.06	−0.52	0.95	−0.19	3.50	+0.70	4.00	+0.10	6.49	+2.22	1.68	−1.84	6.55	+3.43	6.01	+3.56	0.61	−0.96	0.32	−0.47	0.77	+0.04	31.42	+5.99
Western Division.																										
Ardmore	0.05		0.30		0.40		0.98		3.80		5.93		0.61		3.09		1.52		1.28		0.13		0.26		18.34	
Belleforche	0.35		0.48		0.81		0.98		1.14		2.63		6.44		7.62		5.78		2.22		0.06		0.24		27.75	
Camp Crook	0.31	−0.32	0.12	−0.28	0.20	−0.96	0.34	−0.68	0.92	−1.23	2.84	+0.21	2.25	+0.55	2.83	+1.42	4.56	+3.41	1.69	+1.07	T.	−0.42				
Cottonwood	0.10		T.		0.31		0.73		2.41		4.87		5.28		3.08		3.05		1.89		0.18		0.40		22.30	
Custer	0.39		0.08		0.98		1.02		2.49		3.76		7.84		5.37		2.60		2.63		0.40		0.35		27.95	
Deadwood	0.65	−0.61	1.00	−0.24	3.30	+1.07	1.85	−2.83	2.00	−2.44	5.90	+2.42	9.30	+6.83	5.10	+2.77	6.60	+4.89								
Deerfield	0.67		0.32		0.65		1.26		4.19		3.79		4.59		3.39		3.28		1.88		0.10		0.31		24.43	
Dowling	0.12		0.04		0.27		0.83		1.34		4.55		3.84		4.73		2.97		1.78		0.05		0.27		20.79	
Dumont	0.64		0.80		2.07		0.74		3.02		4.22		7.77		4.28		3.86		2.39		0.25		0.34		30.38	
Dupree	0.61		0.31		0.22		1.77		0.63		3.09		3.34		5.61		3.91		1.17		0.15		0.85		21.60	
Eales	0.60		0.10		0.33		1.86		1.33		3.66		2.06		1.97		1.63		1.04		0.14		0.55		15.32	
Elk Mountain	0.65		0.65		0.34		0.31		1.93		3.48		5.24		2.84		4.00		1.82		0.48		0.49		22.23	
Elm Springs							0.91		1.70		5.48		3.24		5.88		3.29		1.96		T.		0.35			
Greenmont	1.10																									
Hardy Ranger Station	0.96		0.65		1.92		1.20		3.17		3.61		0.94		2.88		3.79		2.67		0.10					
Harveys Ranch	0.95		1.40		1.30		1.50		2.47		4.73		5.56		1.54		2.75		2.13		0.30		0.25		24.68	
Hermosa	0.10	−0.26	T.	−0.42	1.29	+0.64	0.82	−0.21	4.60	+0.58	5.09	+1.94	2.18	−0.44	4.41	+2.48	3.44	+1.86	2.19	+1.15	0.10	−0.12	0.29	−0.24	24.61	+6.96
Hopewell	0.34		0.12		0.42		2.00		1.51		3.18		1.54		3.10		2.50		1.90		0.21		0.10		16.92	
Hot Springs	0.70		0.40		1.00		1.10		4.81		5.26		2.47		2.98		1.79		2.11		0.45		0.50		23.57	
Interior	0.60		0.00				0.97		3.93		4.63		4.55		6.38		1.95		2.36							
Isabel	0.25								1.81		3.21		4.58		3.00						0.23		0.13			
Jefferson	0.59		T		0.52		0.61		0.87		4.26		3.20		2.95						0.02		0.21			
Lead	0.59		1.09		2.60		1.75		2.07		5.42		7.34		4.64		5.68		2.74		0.43		0.44		33.59	
Lemmon	1.75				0.15		0.79		1.67		5.31		4.67		2.97		4.93		1.58							
McIntosh	0.45		1.00		0.10		2.26		0.89		4.92		3.37		1.38		3.21		0.80				0.38			
McLaughlin	0.40		0.45		T.		3.35		1.75		6.30		6.21		2.20		3.55		1.12		0.33					
Meadow	0.34		T.		0.08		0.79		1.26		5.12		3.17		3.00		4.39		1.53		0.29		0.22		20.29	
Mud Butte	0.40		T.		0.11		0.77		0.92		5.75		2.93		3.78		2.72		1.97		0.00		0.40		19.75	
Murdo	0.25		T.		0.15		1.55		1.86		3.98		3.65		2.11		5.14		0.97		T.		0.10		19.76	
Newell	0.22		0.23		0.32		0.82		2.31		3.81		4.54		5.35		5.95		3.14		0.27		0.41		27.37	
Oelrichs			0.50	−0.45	1.20	−0.42	0.90	−1.05	3.82	+1.04	8.21	+5.09	1.58	−0.72	4.62	+3.19	1.93	+0.75	4.40	+3.08	0.60	−0.05	T.	−0.74		
Onida	0.27		T.		0.20		1.67		2.14		3.33				5.87		1.83		0.65				0.01			
Orman	0.34	−0.08	0.17	−0.09	0.08	−0.06	0.71	−0.66	1.66	−1.11	3.43	−0.81	3.41	+1.14	4.89	+3.61	5.08	+3.30	2.60	+1.45	0.17	−0.16	0.57	+0.07	23.61	+8.22
Ottumwa	0.14		0.61						3.68		2.17		5.71		2.78		1.75						0.60			
Pierre	0.14	−0.32	0.04	−0.40	0.08	−0.65	1.54	−0.44	1.43	−0.70	5.67	+2.59	2.67	+0.32	3.76	+1.75	1.21	+0.10	0.30	−0.51	0.20	−0.23	0.24	−0.26	17.88	+1.25
Pine Ridge	0.34	+0.03	0.30	−0.10	0.38	−0.29	0.60	−0.88	0.35	−2.36	3.18	+0.35	3.17	+1.06	4.17	+2.12			3.41	+2.02			0.60	+0.06		
Pollock	0.56	+0.08	0.50	+0.15	0.74	+0.09	1.57	+0.63	0.82	−1.47	5.20	+1.53	7.94	+5.68	1.33	−1.01	3.54	+1.65	0.56	−0.78	0.20	−0.15	0.27	−0.02	23.23	+6.38
Rapid City	0.37	−0.07	0.14	−0.32	1.07	+0.02	0.89	−1.41	4.25	+1.34	5.62	+2.03	2.25	−0.30	3.50	+1.39	4.90	+3.64	1.83	+0.78	0.06	−0.40	0.22	−0.24	25.10	+6.41
Redig	0.39		0.40		0.55		1.00		0.74		3.22		2.22		3.05		2.74		1.70		0.20		1.10		17.31	
Rochford	0.83		0.59		1.04		1.54		3.56		3.48		3.35		3.26		3.14		1.92		0.12		0.25		23.08	
St. Francis	0.42				0.33		0.82		3.25		3.95		3.02		2.84		3.07		1.85		0.17		0.18			
Spearfish	0.37	−0.45	0.37	−0.53	1.90	+0.18	1.12	−1.28	1.68	−1.79	4.21	+0.14	7.84	+5.85	4.28	+2.65	6.18	+4.72	3.56	+2.23	0.52	−0.08	0.39	−0.40	32.42	+11.2
Vale	0.17		0.23		0.49		0.99		1.70		3.60		4.07		5.27		7.34		2.98		0.09		0.24		27.11	
Vivian	0.15		0.03		T.		1.47		1.59		4.04		1.98		3.19		1.03		1.08		0.33		0.15		15.04	
Waters Ranch	1.55		0.36		1.60		1.62		1.83		4.04		4.23		3.75		4.94		3.99		0.18		0.55		28.64	
Wood	0.59		0.08		0.77		1.54		3.37		5.57		3.94		1.72		1.33		1.60		0.25		0.41		21.17	
For the State	0.50	0.00	0.25	−0.37	0.67	−0.32	1.71	−0.19	2.41	−0.66	4.55	+1.22	3.44	+0.15	3.52	+0.83	3.16	+1.32	1.33	−0.50	0.30	−0.24	0.33	−0.25	22.17	+0.9

† The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1924, with Departures from the Normal.

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen	0.45	−0.35	0.40	−0.49	1.85	−0.02	2.71	−0.61	2.04	−1.83	3.84	−0.20	1.77	−1.45	2.78	−0.35	2.91	+1.09	2.56	+0.77	0.04	−0.82	1.20	+0.87	22.55	−8.
Academy	0.10	−0.31	1.07	+0.59	0.63	−0.49	0.63	−1.79	0.91	−2.26	6.86	+3.23	0.35	−3.24	4.02	+1.02	3.60	+2.04	0.82	−0.69	0.40	−0.03	1.50	+0.78	20.89	−1.
Alexandria							1.40	−1.44	1.73	−1.67	5.72	+1.56	2.70	−0.51	2.95	+0.28	2.42	+0.17	0.89	−1.07	0.22	−0.42	0.48	−0.11		
Armour	0.31	−0.25	1.70	+1.00	2.31	+1.15	0.82	−1.86	1.05	−2.30	5.35	+1.50	1.15	−2.14	7.88	+5.18	2.86	+0.84	1.01	−1.07	0.61	−0.21	2.39	+1.63	27.44	+3.
Ashton																			2.80		0.03		0.48			
Bowdle	0.12	−0.34	0.33	−0.17	2.46	+1.07	1.68	−0.10	0.47	−2.36	7.19	+3.21	1.76	−0.94	1.72	−1.20	2.47	+1.00	1.88	+0.79	0.03	−0.43	0.86	+0.39	20.96	+0.
Brittton	0.10	−0.49	0.16	−0.68	1.41	+0.62	2.35	+0.33	1.29	−1.89	2.63	−1.41	0.83	−1.82	2.49	+0.27	2.10	−0.07	0.84	−0.82	0.33	−0.51	1.06	+0.54	15.59	−5.
Brookings	0.10	−0.31	0.31	−0.18	1.34	+0.60	1.82	−0.27	1.32	−1.92	6.88	+3.22	1.22	−1.23	3.89	+1.08	1.02	−1.02	0.84	−0.64	0.11	−0.44	0.35	−0.18	19.20	−1.
Burke	0.35		1.68		1.91		0.22		0.95		6.41		1.74		3.89		3.15		0.55							
Canistota	0.14		1.06		2.20		1.93		1.49		5.29		1.08		1.47		0.89		0.90		0.67		1.67		18.79	
Canton	0.30	−0.17	1.05	+0.57	3.23	+2.12	1.60	−0.83	1.20	−2.62	5.85	+1.10	0.70	−3.18	3.35	+0.63	0.85	−1.50	0.10	−1.79	0.40	−0.51	3.25	+2.67	21.88	−3.
Castlewood	0.09	−0.18	0.24	−0.08	1.96	+1.48	2.32	+0.52	2.11	−0.56	5.08	+0.76	1.53	−1.25	4.92	+2.25	1.52	−0.47	1.39	−0.15	0.31	−0.29	0.80	+0.52	22.27	+2.
Centerville	0.40	−0.06	0.88	+0.08	2.49	+1.32	2.62	+0.60	1.09	−2.95	4.95	+0.42	1.58	−2.77	2.49	−0.73	0.79	−1.82	1.32	−0.60	0.42	−0.31	2.25	+1.42	21.28	−5.
Clark	0.14	−0.36	0.62	+0.10	1.58	+0.44	1.74	−0.23	1.94	−1.19	4.73	+0.63	2.32	−0.62	7.33	+4.67	2.15	−0.24	1.01	−0.68	0.25	−0.50	0.42	−0.17	24.23	+1.
Colome	0.16		1.34		1.47		0.27		0.86		5.90		1.09		3.75		1.67									
De Smet	0.03	−0.46	1.30	+0.74	1.42	+0.36	1.16	−1.14	1.64	−1.22	9.02	+5.67	1.91	−0.81	5.69	+3.09	1.42	−0.48	1.09	−0.51	0.20	−0.38	0.90	+0.28	25.78	+5.
Eureka	0.02	−0.31	0.24	−0.25	0.48	−0.19	1.28	−0.26	0.44	−1.88	5.24	+2.35	3.29	+1.03	1.35	−0.83	2.65	+1.07	2.16	+1.22	T.	−0.46	0.27	−0.16	17.42	+1.
Fairfax	0.35	0.00	1.70	+1.06	2.96	+2.26	0.83	−1.19	1.11	−2.78	8.39	+4.19	1.36	−2.79	6.69	+3.95	2.11	+0.47	0.80	−1.25	0.47	+0.07	0.86	+0.39	27.63	+4.
Faulkton	T.	−0.35	0.47	−0.01	1.23	−0.22	1.72	−0.79	1.04	−1.63	6.53	+3.49	1.33	−1.27	1.67	−0.76	2.36	+0.99	2.35	+1.20	0.08	−0.38	1.00	+0.56	19.78	+0.
Flandreau	0.19	−0.22			0.64	−0.39			1.27	−2.68	5.82	+1.63	1.80	−1.66	1.76	−1.55	1.11	−1.13	1.03	−0.79	0.65	−0.15	1.05	−0.37		
Forestburg	0.12	−0.49	0.95	+0.34	1.20	+0.19	1.12	−1.32	1.55	−1.25	5.16	+1.44	1.04	−1.82	3.31	+0.95	1.51	−0.22	0.90	−0.68	0.54	−0.02	0.94	−0.39	18.38	−2.
Gannvalley	0.10	−0.49	1.30	+0.82	0.96	+0.14	0.72	−0.98	0.52	−2.40	6.56	+2.66	1.25	−2.30	3.79	+0.49	2.74	+1.29	1.25	+0.22	0.20	−0.25	1.15	+0.41	20.54	−0.
Highmore	0.07	−0.19	0.58	+0.34	1.63	+0.72	1.40	−0.30	0.50	−1.92	5.66	+2.50	2.11	−0.36	1.13	−1.25	2.69	+1.31	1.10	+0.10	0.34	−0.09	0.82	−0.42	18.08	+1.
Howard	0.15	−0.16	0.47	0.00	1.13	+0.17	1.26	−0.84	1.34	−1.42	6.09	+1.88	1.08	−2.11	2.82	−0.13	1.76	−0.39	0.82	−1.08	0.34	−0.28	0.64	−0.17	17.90	−4.
HURON	0.09	−0.42	0.58	+0.11	1.52	+0.53	0.92	−1.73	1.15	−1.77	7.78	+4.00	2.55	−0.39	4.60	+1.88	1.45	−0.24	1.49	+0.15	0.12	−0.46	0.69	−0.07	22.84	+1.
Ipswich	0.10	−0.31	0.20	−0.32	0.70	−0.54	1.64	−0.36	0.76	−3.11	6.79	+3.29	1.87	−0.58	1.54	−1.44	1.65	−0.96	1.68	+0.62	T.	−0.41	0.80	−0.48	17.93	−2.
Kennebec	T.	−0.41	1.27	+0.93	1.12	+0.29	0.46	−1.57	0.36	−1.92	4.10	+1.15	1.95	−0.16	1.60	−0.69	2.76	+1.79	1.51	+0.54	0.11	−0.28	0.62	−0.15	16.85	−0.
La Delle	0.10	−0.53	0.45	0.00	1.83	+0.88	2.37	+0.05	2.86	−0.64	10.43	+6.03	2.87	−0.90	6.58	+2.93	2.12	−0.23	2.18	+0.05	0.10	−0.57	0.66	−0.04	32.55	+7.
Marion	T.	−0.69	1.70	+0.96	3.85	+2.87	1.10	−1.08	0.87	−3.29	7.79	+3.00	1.80	−1.98	6.12	+2.78	0.36	−2.48	0.77	−1.60	0.51	−0.38	2.19	+1.89	27.06	−0.
Mellette	0.21	−0.19	0.60	+0.21	1.36	+0.49	1.39	−0.62	1.01	−2.22	4.54	−1.34	0.83	−1.99	3.37	+0.51	2.23	+0.61	2.45	+0.94	0.05	−0.47	0.67	−0.29	18.71	−1.
Menno	0.20	−0.24	0.77	−0.17	2.11	+1.06	2.28	+0.38	1.51	−2.30	6.92	−2.64	5.79	+2.22	2.41	−0.35	0.72	−1.54	0.60	−1.50	0.70	−0.04	2.41	+1.75	26.42	+2.
Milbank	0.55	−0.05	0.90	+0.15	3.05	+1.81	2.70	+0.47	1.19	−2.16	5.12	+1.19	0.95	−1.84	5.47	+2.61	2.45	+0.59	1.13	−0.59	0.10	−0.68	0.35	−0.36	23.96	+1.
Miller	0.05	−0.32	0.48	+0.03	2.00	+1.34	1.05	−0.58	0.68	−2.62	7.10	+3.95	1.58	−0.79	1.71	−1.08	1.80	+0.48	1.33	+0.26	0.14	−0.25	0.55	−0.05	18.45	+0.
Mitchell	0.12	−0.40	1.56	+1.02	1.66	+0.54	1.40	−1.37	1.29	−2.03	4.60	−0.58	1.89	−1.40	2.37	−0.33	2.45	+0.38	1.15	−0.77	0.22	−0.39	0.96	−0.37	19.67	−3.
Omaka	T.	−0.62	0.50	−0.45	0.70	−0.38	1.50	−1.18	1.20	−2.56	7.30	+3.40	1.58	−1.56	1.48	−1.17	1.94	−0.06	1.10	−0.01	0.15	−0.55	0.50	−0.06	17.95	−5.
Parkston	0.21		1.71		2.16		0.89		1.23		6.31		3.32		5.37		1.27		0.86		0.80		1.22		25.35	
Pukwana	0.13		0.47		0.43		0.41		0.78		4.19		0.74		1.88		3.00		0.83		0.27		0.48		13.61	
Redfield	0.02	−0.27	0.80	+0.37	2.08	+1.43	1.44	−0.32	0.79	−2.12	6.64	+3.90	0.71	−2.25	4.43	+1.21	1.77	−0.10	1.80	+0.45	0.10	−0.30	1.05	+0.68	21.63	+2.
Roslyn	0.05	−0.58	0.30	−0.15	0.86	−0.40	2.66	+0.40	1.47	−1.68	3.62	−0.19	1.78	−1.02	4.48	+0.65	2.19	−0.29	0.89	−0.69	0.08	−0.46	0.83	+0.31	19.21	−8.
Sioux Falls	0.17	−0.37	0.88	+0.19	3.11	+1.89	1.41	−1.17	1.35	−2.92	4.73	+0.42	0.79	−2.64	2.58	−0.66	1.37	−0.90	1.42	−0.44	0.52	−0.28	1.95	+1.19	20.28	−5.
Tyndall	T.	−0.44	0.54	+0.08	0.77	−0.59	0.92	−1.97	1.12	−2.89	4.52	+1.30	2.72	−0.70	2.96	−0.55	1.68	+0.05	1.65	−0.60	0.17	−0.46	1.55	−0.97	18.60	−5.
Vermillion	0.38	−0.02	1.38	+0.51	2.22	+1.04	1.70	−0.83	1.70	−2.40	5.00	+0.96	1.20	−2.96	3.25	+0.08	1.68	−2.00	0.90	−1.54	0.31	−0.59	1.84	−1.07	21.56	−6.
Victor	0.09		0.13		1.31		3.70		1.71		5.37		1.90		3.02		2.70		2.30		0.14		0.72		23.09	
Wagner	0.20		1.15		2.37		0.96		1.22		4.99		1.42		3.20		1.32		0.67		0.35		3.60		21.45	
Watertown	0.13	−0.34	0.32	−0.20	2.46	+1.75	2.72	+0.25	1.72	−1.62	5.86	+2.31	2.96	−0.30	5.83	+2.63	1.52	−0.38	1.50	−0.17	0.32	−0.28	0.97	+0.54	26.31	+4.
Wentworth	0.11	−0.32	0.37	−0.11	1.70	+0.80	1.58	−0.76	1.57	−2.14	7.22	+3.47	1.12	−1.91	2.52	−0.54	1.10	−1.49	1.63	−0.18	0.34	−0.29	0.86	+0.28	20.12	+3.
White Lake	0.05	−0.38	0.75	−0.06	0.75	−0.03	0.88	−1.24	0.39	−2.44	4.49	+0.85	0.34	−2.30	0.77	−1.77	3.27	+1.35	1.15	−0.14	0.47	−0.25	0.75	+0.08	14.06	−6.
Winner																										
Yankton	0.28	−0.28	1.22	+0.61	2.43	+1.29	1.81	−0.99	1.25	−2.65	5.36	+1.09	1.48	−2.04	2.52	−0.60	1.09	−1.36	0.41	−1.16	0.48	−0.31	2.58	+1.80	20.86	−4.
Western Division																										
Ardmore	0.02	−0.39	0.75	+0.27	0.70	+0.04	0.67	−1.30	0.75	−2.58	1.95	−1.14	2.61	+0.58	0.23	−1.18	1.24	+0.08	1.79	+0.70	0.57	+0.10	0.44	−0.22	11.72	−5.
Bellefourche	0.06	−0.31	0.93	+0.57	0.96	+0.11	0.27	−1.10	0.40	−1.83	1.20	−1.17	1.34	−0.70	0.48	−0.98	0.90	−0.56	2.21	+1.18	0.76	+0.28	0.60	+0.08	10.11	−4.
Belvidere																	1.44		1.12		0.32		1.05			
Camp Crook	0.06	−0.67	0.60	+0.20	0.69	−0.47	0.18	−0.84	0.37	−1.78	8.95	+1.32	2.36	+0.66	0.96	−0.45	0.14	−1.01	2.91	+2.29	0.22	−0.20	0.37	−0.01	12.81	−0.
Cottonwood	T.	−0.39	0.53	+0.14	0.32	−0.05	0.06	−1.64	0.29	−2.63	3.93	+0.57	1.78	−0.66	1.48	−0.34	1.00	−0.81	0.85	−0.03	0.81	−0.18	1.67	+1.13	11.22	−4.
Custer	0.20	−0.22	0.77	+0.17	2.20	+1.44	0.52	−1.52	0.49	−2.11	1.77	−0.91	1.68	−1.43	1.14	−1.26	1.13	−0.83	3.06	+1.76	1.87	+0.74	0.82	+0.40	15.14	−3.
Deerfield	0.55	−0.12	0.43	−0.01	1.68	+0.92	0.76	−0.96	0.43	−1.91	1.91	−1.15	1.37	−1.80	1.00	−1.11	0.73	−0.82	8.42	+2.21	1.25	+0.64	0.74	+0.24	14.28	−8.
Dowling	0.02	−0.70	0.66	+0.09	1.33	+0.37	0.93	−0.69	0.05	−3.04	5.58	+2.33	2.47	−0.24	1.64	−0.81	1.40	−0.10	2.04	+0.86	0.24	−0.60	0.56	−0.06	16.92	−2.
Dumont	0.85	−0.76	1.85	+0.50	1.96	+0.19	0.87	−1.77	0.71	−2.13	1.56	−1.71	1.10	−2.24	1.95	−0.74	2.27	+0.43	3.72	+2.10	1.64	+0.64	0.48	−0.91	18.36	−6.
Dupree	0.44		0.65		0.99		1.10		0.47		8.02		1.92		0.90		0.68		2.07		0.20		1.04		18.48	
Eales	0.15	−0.50	1.20	+0.38	0.81	−0.08	1.12	−0.42	0.78	−1.73	8.49	+5.59	1.01	−1.66	0.35	−1.45	3.23	+1.96	2.26	+1.12	0.10	−0.38	0.58	+0.05	20.08	+2.
Elk Mountain	0.18	−0.43	0.51	+0.05	0.82	+0.26	0.47	−0.84	0.41	−1.52	1.02	−1.60			0.75	−0.95	0.40	−1.00	2.11	+1.05	0.61	−0.04	1.12	+0.60		
Elm Springs (near)	T.		0.50		1.08		0.20		0.48		0.56		1.79		2.10		0.50		1.95		T.		0.95		10.11	
Hardy Ranger Station	1.01	−0.80	2.48	+1.52	1.42	−0.10	0.71	−1.53	0.57	−1.91	0.83	−1.91	0.56	−1.78	1.61	−0.37	1.05	−0.81	0.34	−1.55	1.18	+0.18	0.64	−0.87	12.30	−0.
Harveys Ranch	1.10	−0.49	1.55	+0.22	2.46	+0.81	1.68	−0.97	1.10	−1.99	2.51	−0.48	1.62	−1.89	1.85	−0.27	0.75	−0.73	1.90	+0.53	1.90	+0.80	0.85	−0.25	19.27	−4.
Hermosa	0.29	−0.07	0.72	+0.30	1.71	+1.06	0.26	−0.77	0.16	−3.86	1.67	−1.48	0.80	−1.82	1.55	−0.38	1.49	−0.09	2.97	+1.93	0.61	+0.39	1.23	+0.70	13.46	−4.
Hopewell	0.11	−0.50	0.83	+0.14	1.60	+0.64	0.48	−1.21	0.25	−2.45	7.72	+5.66	1.57	−0.87	1.01	−1.16	1.28	−0.12	1.60	+0.51	0.23	−0.36	0.88	+0.26	17.56	+0.
Hot Springs	0.50	−0.24	0.90	+0.41	2.80	+1.88	1.08	−0.83	0.36	−2.69	2.24	−0.61	0 67	−1.49	1.08	−0.68	1.41	0.00	2.40	+0.88	1.40	+0.73	1.60	+0.91	16.44	−1.
Interior			0.60																							
Isabel							2.45		0.35		7.24															
Lead	0.80	−0.39	2.38	+1.35	2.24	+0.40	1.67	−1.54	1.36	−2.42	2.19	−1.21	0.83	−2.20	1.72	−0.62	1.87	−0.17	2.89	+1.01	1.50	+0.39	0.97	−0.16	20.42	−5.
Lemmon							0.40	−0.73	0.49	−1.63	4.95	+1.30	2.49	+0.85	1.15	−0.25	0.62	−0.84	2.09	+1.36	T.	−0.70	0.90	+0.29		
Ludlow							0.40		0.40		7.04		2.89		0.64		0.44		2.83		0.12		0.39			
McIntosh	0.11		0.84		0.51		0.52		T.		5.85		1.64	−0.32	1.23	−0.60	0.59		1.67	+0.78	T.	−0.62	0.30		13.26	
McLaughlin	T.		0.51		0.57		1.55		0.43		4.88		1.21		1.34		1.98		2.04		T.		0.70		15.21	
Meadow	0.06	−0.28	0.27	−0.27	0.89	−0.34	0.83	−0.93	0.12	−2.29	6.38	+3.11	1.30	−1.54	1.13	−0.54	0.77	−0.45	1.45	+0.41	0.10	−0.20	0.28	−0.11	13.14	−3.
Mud Butte	T.		0.40		1.00		0.20		0.02		5.40		2.01		0.97		0.57									
Mardo	0.15	−0.28	1.35	+0.74	1.00	+0.10	0.90	−1.23	0.32	−2.44	5.75	+2.76	2.98	+0.19	1.01	−0.83	1.46	−0.02	2.89	+0.99	0.10	−0.47	1.80	+1.18	19.21	+0.
Newell	0.08		0.88		0.70		0.81		0.68		1.27		1.22		2.00		0.72		3.84		0.93		0.65		13.78	
Oelrichs	0.03	−0.90	1.80	+0.85	2.00	+0.38	0.90	−1.65	0.55	−2.23	1.09	−2.03	1.22	−1.08	0.83	−0.60	1.63	+0.45	1.86	+0.54	0.70	+0.05	1.00	+0.26	13.01	−5.
Onida	0.10	−0.35	0.51	−0.32	1.10	+0.25	1.60	−0.49	0.25	−3.15	6.42	+3.25	1.23	−1.52	1.59	−0.61	1.18	−0.05	1.51	+0.55	0.09	−0.30	0.11	−0.14	15.69	−2.
Orman	0.26	−0.16	0.95	+0.69	0.80	+0.06	0.68	−0.69	0.70	−2.07	1.86	−0.76	1.45	−0.82	1.50	+0.22	0.60	−1.18	2.90	+1.85	0.66	+0.33	0.74	+0.24	13.10	−2.
Ottumwa	0.20	−0.43	1.70	+0.91	0.85	−0.04	0.28	−1.70	0.13	−3.05	4.78	+2.51	2.26	+0.26	1.14	−1.76	1.30	−0.22	1.76	+0.72	0.40	−0.26	0.51	−0.15	15.31	−3.
Pierre	0.15	−0.31	0.89	+0.42	1.40	+0.07	0.99	−0.99	0.24	−1.89	5.19	+2.11	1.11	−1.24	2.74	+0.73	1.98	+0.87	1.38	+0.57	0.44	+0.01	0.95	+0.45	17.47	+0.
Pine Ridge	0.30	−0.01	0.70	+0.30	0.95	+0.28	0.12	−1.36																		
Pollock	0.12	−0.36	0.30	−0.05	0.92	+0.27	1.21	+0.27	0.30	−1.99	6.00	+2.33	3.04	+0 78	1.63	−0.71	1.91	+0.02	1.24	−0.10	T.	−0.35	0.65	−0.36	17.32	+0.
Rapid City	0.38	−0.06	0.96	+0.48	1.73	+0.68	0.34	−1.96	0.53	−2.38	2.27	−1.32	2.33	−0.22	1.19	−0.92	0.91	−0.35	2.62	+1.52	0.70	+0.24	0.96	+0.49	14.91	−3.
Redig	0.55	−0.02	0.77	+0.28	1.65	+0.63	0.70	−0.65	0.50	−1.36	4.73	+1.97	1.94	−0.22	1.49	+0.20	0.47	−0.35	2.38	+1.45	0.55	−0.01	0.80	+0.22	16.53	+2.
Rochford	0.65	−0.25	1.52	+0.71	1.76	+0.58	0.73	−1.38	1.04	−1.88	1.60	−1.34	1.01	−1.98	0.90	−1.33	0.94	−0.51	3.60	+2.40	1.63	+0.73	0.89	+0.07	16.27	−4.
St. Francis	0.18		0.69		0.67		0.23		0.79		3.88		1.34		3.50		1.21		1.84		0.38		0.78		14.99	
Sorum					1.45	−0.67	0.53	−1.10	0.20	−2.35	5.14	+2.22	3.59	+0.87	0.57	−0.89	0.10	−0.83	0.84	−0.28	0.04	−0.14	0.24	−0.33		
Spearfish	0.47	−0.35	3.67	+2.67	1.05	−0.67	1.08	−1.32	0.90	−2.57	2.91	−1.16	1.74	−0.25	0.96	−0.67	1.62	+0.16	3.76	+2.43	1.38	+0.78	1.06	+0.27	20.50	−0.
Vale	0.11	−0.28	0.88	+0.56	0.99	+0.22	0.37	−1.19	0.57	−2.35	0.98	−2.11	0.73	−1.50	1.41	−0.29	1.21	−0.63	5.33	+3.89	0.81	+0.34	0.71	+0.20	14.10	−3.
Vivian	T.		0.90	+0.43	0.85	+0.08	0.90	−1.43	0.23	−3.10	4.44	+0.76	2.14	−0.96	1.16	−0.98	1.79	+0.32	1.22	+0.02	0.28	−0.40	0.75	+0.46	14.66	
Waters Ranch	0.81	+0.02	1.46	−0.79	1.11	−0.19	0.97	−1.27	0.39	−2.15	2.26	−0.73	0.59	−1.89	1.10	−0.89	1.06	−1.08	3.57	+1.84	1.27	+0.44	0.71	−0.28	15.80	−5.
Wood	0.13	−0.48	1.09	+0.25	1.28	+0.26	0.67	−1.91	0.42	−2.94	3.71	+0.57	2.35	−0.80	2.81	+0.10	1.62	+0.14	1.51	+0.26	0.45	−0.51	0.88	+0.20	16.92	−4.
For the State	0.21	−0.33	0.91	+0.33	1.49	+0.51	1.13	−0.90	0.86	−2.20	4.87	+1.35	1.68	−1.16	2.43	0.00	1.55	−0.15	1.75	+0.32	0.44	−0.16	0.98	+0.37	18.47	−1.

† The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1925, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen	1.05	+0.22	0.14	−0.85	0.16	−1.55	2.31	−0.82	1.38	−2.22	10.91	+6.72	0.94	−2.26	3.25	+0.32	0.84	−1.24	0.29	−1.82	0.68	−0.80	0.17	−0.54	22.12	−3.84
Academy	.....	.....	T.	−0.66	0.42	−0.69	1.17	−1.28	0.52	−2.63	4.75	+0.71	3.68	+0.56	3.00	+0.10	1.30	−0.32	0.80	−0.64	0.44	−0.16	0.30	−0.48	.....	.....
Alexandria	0.71	+0.11	0.03	−0.60	0.02	−1.24	2.06	−0.73	0.32	−3.25	4.69	+0.35	1.48	−1.76	1.89	−0.69	0.62	−1.57	0.69	−0.98	0.65	+0.08	0.48	−0.11	13.64	−10.89
Armour	0.60	+0.06	0.14	−0.60	0.09	−1.16	1.73	−0.74	0.99	−2.44	5.18	+1.11	1.57	−1.54	1.70	−1.41	0.74	−1.23	0.97	−0.73	0.62	−0.17	0.40	−0.45	14.73	−9.30
Ashton	0.39	.....	0.20	.....	0.28	.....	1.34	.....	1.37	.....	7.50	.....	1.10	.....	1.10	.....	1.37	.....	0.22	.....	0.53	.....	0.26	.....	15.66	.....
Bowdle	0.80	+0.34	T.	−0.50	0.05	−1.33	2.56	+0.78	1.12	−1.71	6.07	+2.09	0.51	−2.19	1.69	−1.23	1.95	+0.48	0.40	−0.69	0.19	−0.27	0.69	+0.12	15.93	−4.11
Britton	0.32	−0.27	0.21	−0.63	0.46	−0.33	1.32	−0.70	1.40	−1.78	8.08	+4.04	0.36	−2.29	2.36	+0.14	2.70	+0.53	0.17	−0.99	0.92	+0.08	0.26	−0.26	18.56	−2.46
Brookings	0.45	+0.03	0.06	−0.42	0.22	−0.56	1.88	−0.22	0.49	−2.68	7.17	+3.15	1.26	−1.31	0.64	−2.06	0.77	−1.25	0.26	−1.13	0.57	−0.04	0.33	−0.16	14.10	−6.65
Burke	.....	.....	.....	.....	.....	.....	.....	.....	0.80	.....	4.05	.....	2.84	.....	1.00	.....	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Canistota	1.20	.....	0.33	.....	0.06	.....	1.94	.....	0.89	.....	4.97	.....	1.42	.....	1.20	.....	0.75	.....	0.66	.....	0.83	.....	0.46	.....	14.71	.....
Canton	0.65	+0.10	0.25	−0.27	0.33	−1.00	1.94	−0.47	1.88	−1.96	5.55	+0.86	3.45	−0.18	0.85	−1.87	1.95	−0.18	1.20	−0.48	0.80	−0.23	0.25	−0.41	19.00	−6.09
Castlewood	0.50	+0.07	0.17	−0.32	0.06	−0.84	2.52	+0.10	0.16	−2.75	7.26	+2.79	2.16	−0.71	0.85	−2.06	2.05	−0.15	0.45	−0.87	0.59	−0.44	0.44	+0.12	17.21	−5.06
Centerville	1.05	+0.41	0.52	−0.32	0.50	−0.82	1.60	−0.57	0.69	−3.28	6.16	+1.91	1.63	−2.32	0.76	−2.23	2.68	−0.09	1.02	−0.59	0.84	−0.04	0.49	−0.32	17.74	−6.26
Clark	0.57	−0.12	0.04	−0.65	0.04	−1.20	2.47	+0.17	0.65	−2.48	6.76	+2.45	3.73	+0.65	1.06	−2.12	3.81	+1.29	0.40	−1.24	0.78	−0.14	0.45	−0.17	20.76	−3.56
De Smet	0.90	+0.38	T.	−0.62	T.	−1.04	2.25	+0.13	0.52	−2.49	6.85	+2.65	1.76	−1.18	0.92	−1.68	0.85	−1.15	0.30	−1.36	1.57	+0.96	.....	.....	.....	.....
Eureka	0.41	+0.08	0.01	−0.48	0.17	−0.50	2.41	+0.87	1.08	−1.24	6.56	+3.67	0.70	−1.56	1.48	−0.70	1.38	−0.20	0.36	−0.58	0.57	+0.11	0.54	+0.11	15.67	−0.42
Fairfax	0.90	+0.40	0.07	−0.61	0.03	−0.89	1.34	−0.97	0.41	−3.31	7.95	+3.55	1.31	−2.17	1.30	−1.70	0.90	−0.84	0.93	−0.61	0.25	−0.28	0.45	−0.17	15.84	−7.60
Faulkton	0.90	+0.46	0.05	−0.66	0.19	−1.18	2.07	−0.59	1.30	−1.82	11.22	+7.78	1.73	−0.71	2.47	+0.10	0.82	−0.66	0.21	−0.96	0.20	−0.52	0.18	−0.28	21.34	+0.96
Flandreau	0.67	+0.23	0.17	−0.35	0.13	−0.93	1.74	−0.78	0.52	−3.33	7.75	+3.65	0.88	−2.01	0.70	−2.28	0.96	−1.27	0.34	−1.25	0.88	−0.06	0.37	−0.22	15.11	−8.60
Forestburg	0.90	+0.28	0.50	−0.18	0.11	−0.98	1.66	−0.77	0.41	−2.92	8.29	−0.73	1.85	−1.00	1.01	−1.27	0.26	−1.53	0.53	−0.87	0.76	+0.09	0.49	−0.07	11.77	−9.95
Gannvalley	0.60	+0.05	0.26	−0.31	T.	−0.82	1.45	−0.20	0.60	−2.47	5.12	+1.38	2.89	−0.56	1.07	−1.89	0.32	−1.22	0.20	−0.76	0.25	−0.45	0.30	−0.38	13.06	−7.63
Highmore	0.60	+0.22	0.21	−0.18	0.08	−0.91	1.30	−0.52	1.08	−1.64	5.39	+2.02	0.70	−1.99	1.69	−0.56	0.71	−0.81	0.12	−0.90	0.20	−0.32	0.52	+0.14	12.60	−5.40
Howard	0.34	−0.08	0.19	−0.33	0.18	−0.86	2.10	−0.08	0.43	−2.52	4.86	+0.92	2.20	−1.08	1.19	−1.54	0.79	−1.40	0.28	−1.41	0.85	+0.30	0.38	−0.14	13.79	−8.22
HURON	0.47	−0.04	0.16	−0.28	0.06	−0.93	1.71	−0.94	0.40	−2.52	3.37	−0.41	2.02	−0.92	0.42	−2.22	0.39	−1.30	0.23	−1.11	0.62	+0.04	0.28	−0.34	10.13	−10.97
Ipswich	0.70	+0.29	T.	−0.52	0.22	−0.81	2.64	+0.56	0.92	−2.71	8.20	+4.73	0.88	−1.64	1.62	−1.17	1.33	−0.37	0.27	−0.77	0.15	−0.36	0.16	−0.17	17.08	−2.94
Kennebec	0.50	−0.01	0.14	−0.44	0.02	−0.81	0.51	−1.47	0.97	−1.56	3.81	+0.60	3.84	+1.38	1.06	−1.01	T.	−1.19	0.31	−0.66	0.22	−0.23	0.66	+0.12	12.04	−5.28
La Delle	0.72	+0.15	0.22	−0.26	0.25	−0.81	2.23	−0.26	0.70	−3.11	7.52	+2.51	2.25	−1.20	0.73	−2.88	1.25	−1.45	0.83	−1.12	0.78	−0.23	0.18	−0.36	17.66	−9.02
Marion	0.70	+0.04	0.41	−0.67	0.14	−1.43	2.26	−0.16	0.87	−3.11	6.12	+1.25	2.70	−1.18	0.74	−2.39	1.66	−1.18	1.32	−0.55	1.16	+0.14	0.94	+0.15	19.02	−9.00
Mellette	0.60	+0.05	0.25	−0.40	0.28	−0.82	3.67	+1.47	1.28	−1.93	10.91	+7.55	1.27	−1.62	1.58	−0.48	1.12	−0.70	0.39	−0.97	0.51	−0.12	0.82	+0.38	22.68	+2.41
Menno	0.41	−0.08	0.03	−0.72	T.	−1.08	2.22	+0.04	0.51	−3.33	5.70	+1.36	2.03	−1.72	0.59	−2.26	1.25	−1.02	0.95	−0.78	1.43	+0.64	0.46	−0.26	15.58	−9.21
Milbank	0.85	+0.04	0.25	−0.64	0.31	−1.21	1.92	−0.45	0.89	−2.26	7.40	+3.17	1.91	−0.63	1.79	−0.98	2.20	+0.22	0.80	−0.82	0.72	−0.25	T.	−0.73	19.04	−4.54
Miller	0.29	−0.06	0.19	−0.25	0.08	−0.71	1.32	−0.43	1.12	−2.08	5.21	+1.84	1.48	−1.02	0.40	−2.12	0.57	−0.86	0.17	−0.87	0.36	−0.18	0.31	−0.10	11.50	−6.84
Mitchell	0.87	+0.14	0.12	−0.60	0.03	−1.10	1.54	−1.15	0.87	−2.62	3.27	−1.04	1.84	−1.65	1.39	−1.32	0.49	−1.59	0.58	−1.07	0.47	−0.17	0.33	−0.24	11.60	−12.41
Onaka	0.30	−0.32	T.	−0.95	0.10	−0.98	2.45	−0.23	1.70	−2.06	6.35	+2.45	1.20	−1.94	1.55	−1.10	1.05	−0.94	0.33	−0.78	0.60	−0.10	0.52	+0.08	16.15	−6.87
Parkston	0.72	−0.28	0.17	−0.91	0.07	−1.57	2.55	+0.60	0.71	−2.43	6.42	+3.05	4.02	+0.69	0.66	−1.68	0.50	−1.50	1.10	−0.85	0.61	+0.08	0.42	−0.33	17.95	−5.18
Pukwana	0.35	.....	0.38	.....	T.	.....	1.34	.....	0.90	.....	3.46	.....	2.67	.....	1.43	.....	0.88	.....	0.27	.....	0.28	.....	0.28	.....	12.24	.....
Redfield	1.35	+0.95	0.10	−0.53	0.05	−0.89	1.23	−0.78	1.10	−1.86	7.87	+4.63	1.32	−1.33	0.85	−1.92	1.22	−0.67	0.30	−0.91	0.58	−0.01	0.20	−0.29	16.17	−3.61
Roslyn	0.20	−0.20	0.25	−0.13	0.27	−0.53	1.59	−0.36	1.98	−0.75	7.43	−3.88	3.38	+0.45	3.40	−0.19	2.38	−0.23	0.36	−0.90	0.66	−0.01	0.25	−0.16	22.15	+0.87
Sioux Falls	0.92	+0.30	0.32	−0.36	0.09	−0.95	2.65	+0.07	1.47	−2.47	7.17	+2.76	2.05	−1.83	1.40	−1.50	1.45	−0.88	1.29	−0.33	0.68	−0.33	0.55	−0.24	20.04	−5.32
Tyndall	0.18	−0.26	0.08	−0.44	0.01	−1.25	1.26	−1.32	0.60	−3.07	4.42	+0.68	1.89	−2.34	1.08	−2.29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermillion	0.76	+0.20	0.18	−0.71	0.45	−0.81	2.76	+0.10	0.65	−2.24	3.32	−0.90	1.21	−2.52	0.38	−2.57	2.45	−0.83	0.98	−0.82	0.55	−0.46	0.50	−0.34	14.19	−11.90
Victor	0.44	.....	0.44	.....	0.23	.....	2.42	.....	0.61	.....	7.17	.....	1.11	.....	1.92	.....	4.48	.....	0.17	.....	1.19	.....	0.31	.....	20.49	.....
Wagner	0.55	.....	1.03	.....	0.78	.....	2.15	.....	0.79	.....	8.59	.....	1.31	.....	1.99	.....	1.98	.....	1.93	.....	1.10	.....	0.76	.....	17.96	.....
Watertown	0.77	+0.22	0.13	−0.43	0.08	−0.78	2.73	+0.40	0.68	−2.43	7.27	+3.35	1.75	−1.24	2.44	−0.58	1.44	−0.58	0.29	−1.10	0.57	−0.18	0.37	−0.09	18.52	−3.44
Wentworth	0.84	+0.38	0.10	−0.42	0.05	−0.93	1.96	−0.32	0.44	−3.25	5.30	+1.00	0.72	−2.54	3.64	+0.70	0.41	−2.11	0.51	−1.09	0.33	−0.42	0.44	−0.11	14.74	−9.11
White Lake	0.59	+0.16	0.19	−0.62	T.	−0.78	1.43	−0.69	0.68	−2.15	4.38	+0.74	3.29	+0.65	0.79	−1.75	1.08	−0.84	0.48	−0.81	0.55	−0.12	0.15	−0.52	13.61	−6.78
Winner	0.34	.....	0.15	.....	T.	.....	1.42	.....	0.19	.....	5.16	.....	2.19	.....	0.89	.....	0.16	.....	0.85	.....	0.05	.....	0.31	.....	11.71	.....
Yankton	0.71	+0.15	0.08	−0.50	0.44	−0.70	1.96	−0.84	0.88	−3.02	4.81	+0.04	0.59	−2.93	0.83	−2.29	3.60	+1.15	0.85	−0.72	0.41	−0.38	0.48	−0.25	15.14	−10.29
Western Division																										
Ardmore	0.29	−0.18	0.45	−0.03	0.42	−0.24	1.34	−0.63	2.02	−1.31	4.02	+0.93	2.55	+0.52	0.72	−0.69	0.70	−0.46	2.45	+1.36	0.32	−0.15	0.65	−0.01	15.93	−0.89
Bellefourche	0.33	−0.04	0.21	−0.15	0.46	−0.39	1.45	+0.08	1.36	−0.87	4.08	+1.71	0.91	−1.18	1.59	+0.13	0.93	−0.53	0.93	−0.10	0.20	−0.28	0.46	−0.06	12.91	−1.63
Belvidere	0.80	.....	0.18	.....	0.10	.....	1.23	.....	1.62	.....	4.81	.....	0.87	.....	0.21	.....	0.14	.....	1.13	.....	0.65	.....	0.85	.....	12.54	.....
Camp Crook	0.22	−0.30	0.12	−0.28	0.60	−0.42	0.52	−0.51	2.09	−0.22	4.00	+1.23	2.85	+1.05	0.54	−0.79	0.83	−0.26	0.82	+0.12	.....	.....	0.74	+0.38	.....	.....
Cottonwood	0.40	+0.01	0.59	+0.11	0.17	−0.20	1.17	−0.58	0.72	−2.10	4.80	+2.34	0.60	−1.84	0.39	−1.43	0.49	−0.82	0.58	−0.90	0.18	−0.31	0.50	+0.06	10.45	−5.01
Custer	0.51	+0.09	0.18	−0.42	0.49	−0.27	1.33	−0.71	3.85	+1.25	8.93	+1.25	3.43	+0.32	1.81	−0.59	0.63	−0.83	1.57	+0.28	0.01	−0.62	0.45	+0.03	18.19	−0.22
Deerfield	0.88	+0.21	0.39	−0.06	0.92	+0.21	1.54	−0.18	8.66	+1.22	6.58	+3.54	2.19	−1.04	2.25	+0.08	0.79	−0.76	1.84	+0.63	0.13	−0.48	0.26	−0.24	21.33	+3.14
Dowling	0.09	−0.63	0.05	−0.52	0.19	−0.77	0.91	−0.71	2.08	+1.01	7.43	+4.18	1.21	−1.50	0.95	−1.49	0.81	−0.69	1.04	−0.14	.....	.....	0.85	+0.23	.....	.....
Dumont	0.97	−0.04	1.57	+0.22	1.22	−0.55	1.12	−1.52	4.80	+1.96	5.16	+1.59	2.66	−0.68	1.34	−0.75	1.20	−0.64	0.86	−0.76	0.14	−0.86	0.76	−0.69	21.80	−2.90
Dupree	1.08	.....	0.14	.....	0.18	.....	0.58	.....	1.56	.....	5.00	.....	1.72	.....	1.73	.....	0.39	.....	0.27	.....	0.24	.....	0.65	.....	13.54	.....
Eales	0.84	+0.19	0.06	−0.76	0.07	−0.82	2.20	+0.66	1.24	−1.27	8.32	+5.42	0.88	−1.79	1.81	+0.01	0.50	−0.77	0.25	−0.89	0.41	−0.07	0.23	−0.30	16.81	−0.39
Elk Mountain	0.73	+0.12	0.30	−0.16	1.56	+1.00	1.28	−0.03	2.43	+0.50	4.27	+1.65	2.81	+0.09	1.61	−0.09	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elm Springs (near)	0.25	.....	0.12	.....	0.12	.....	1.02	.....	2.24	.....	6.09	.....	0.95	.....	1.46	.....	T.	.....	1.45	.....	T.	.....	1.29	.....	14.98	.....
Hardy Ranger Station	3.87	+2.06	3.53	+2.57	3.40	+1.88	1.62	−0.62	2.15	−0.33	3.61	+0.87	0.58	−1.76	0.45	−1.53	0.74	−1.12	2.95	+1.06	0.75	−0.25	1.53	+0.12	25.18	+1.95
Harveys Ranch	0.90	−0.69	3.05	+1.72	0.80	−0.85	1.65	−1.00	6.02	+2.93	5.22	+2.23	3.65	+0.14	1.40	−0.72	0.50	−0.98	2.45	+1.08	0.65	−0.45	1.35	+0.25	27.64	+3.66
Hermosa	0.28	−0.09	0.03	−0.35	0.36	−0.43	1.95	+0.18	6.06	+1.61	3.42	−0.02	4.13	+1.76	2.32	+0.29	0.86	−0.40	1.41	+0.49	T.	−0.42	0.34	0.04	20.16	+2.68
Hopewell	0.22	−0.39	0.18	−0.51	0.23	−0.73	1.37	−0.32	2.27	−0.43	4.28	+2.22	1.26	−1.18	1.05	−1.12	2.30	+0.90	0.24	−0.85	0.12	−0.47	0.77	+0.15	14.29	−2.73
Hot Springs	1.00	+0.26	0.40	−0.09	0.55	−0.37	1.38	−0.53	4.26	+1.21	3.54	+0.69	3.58	+1.42	3.19	+1.43	1.22	−0.19	1.87	+0.35	0.00	−0.67	0.35	−0.34	21.34	+3.17
Isabel	.....	.....	T.	.....	0.64	.....	0.60	.....	8.19	.....	0.88	.....	.....	.....	.....	.....	3.06	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lead	0.72	−0.47	1.32	+0.29	1.10	−0.74	1.63	−1.58	5.60	+1.82	6.20	+2.80	1.23	−1.80	0.97	−1.37	0.84	−1.20	1.83	−0.05	0.38	−0.78	1.36	+0.23	23.18	−2.80
Lemmon	0.80	+0.17	0.58	+0.06	0.27	−0.46	1.84	+0.71	1.80	−0.32	5.08	+1.43	1.35	−0.29	1.35	−0.45	1.29	−0.17	0.89	+0.16	T.	−0.70	0.60	−0.01	15.80	+0.53
Ludlow	0.16	.....	0.14	.....	0.89	.....	0.87	.....	1.62	.....	4.35	.....	1.16	.....	0.48	.....	0.62	.....	0.32	.....	T.	.....	0.30	.....	10.91	.....
McIntosh	0.15	.....	0.00	.....	0.30	.....	.....	.....	2.60	.....	6.02	.....	0.00	−1.96	1.21	−0.62	2.35	.....	0.65	−0.24	.....	.....	.....	.....	.....	.....
McLaughlin	0.40	.....	T.	.....	0.40	.....	0.98	.....	7.49	.....	0.21	.....	0.82	.....	1.86	.....	0.61	.....	0.20	.....	0.42	.....	.....	.....	.....	.....
Meadow	0.43	+0.09	0.04	−0.50	0.34	−0.89	0.51	−0.75	1.33	−1.06	6.12	+2.85	1.27	−1.63	0.56	−1.11	1.37	+0.15	0.25	−0.79	T.	−0.30	0.33	−0.06	12.55	−4.02
Midland	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.33	.....	0.54	.....	0.16	.....	0.57	.....	0.33	.....	0.32	.....	.....	.....
Mud Butte	.....	.....	.....	.....	.....	.....	.....	.....	3.28	.....	3.08	.....	0.82	.....	0.37	.....	1.25	.....	0.43	.....	T.	.....	0.36	.....	.....	.....
Murdo	.....	.....	.....	.....	.....	.....	0.68	−1.45	.....	.....	6.68	+3.69	3.70	+0.91	0.56	−1.28	0.34	−1.14	0.53	−0.87	.....	.....	.....	.....	.....	.....
Newell	0.32	.....	0.21	.....	0.18	.....	1.53	.....	1.55	.....	3.10	.....	0.39	.....	0.76	.....	0.65	.....	0.96	.....	0.19	.....	0.91	.....	10.75	.....
Oelrichs	0.40	−0.44	0.30	−0.61	0.09	−1.29	1.60	−0.56	1.81	−1.25	6.26	+2.97	6.69	+4.36	0.76	−0.62	0.21	−1.03	3.20	+1.91	T.	−0.78	0.90	+0.11	22.22	+2.77
Onida	0.10	−0.35	0.04	−0.79	T.	−0.85	1.35	−0.74	1.32	−2.08	7.12	+3.95	0.79	−1.96	1.44	−0.76	0.30	−0.93	T.	−0.96	.....	.....	0.31	+0.06	.....	.....
Orman	0.36	−0.03	0.49	+0.17	0.35	−0.40	1.13	−0.43	1.14	−1.53	5.63	+3.10	0.58	−1.85	1.08	−0.36	0.64	−0.88	0.86	−0.30	0.00	−0.44	0.71	+0.18	12.87	−2.77
Ottumwa	0.30	−0.33	0.20	−0.59	0.01	−0.88	0.80	−1.18	2.09	−1.09	5.25	+2.98	1.85	−0.15	0.30	−2.60	0.31	−1.21	0.58	−0.46	0.81	+0.15	0.37	−0.29	12.87	−5.65
Pierre	0.53	+0.07	0.34	−0.10	0.05	−1.28	0.95	−1.03	0.63	−1.50	3.54	−0.46	2.77	+0.42	1.03	−0.98	0.65	−0.46	0.27	−0.54	0.43	0.00	0.65	+0.15	11.84	−4.79
Pollock	0.68	+0.22	.....	.....	0.05	−0.76	0.91	−0.71	0.86	−1.28	7.57	+4.28	0.67	−1.67	1.51	−0.27	0.84	−0.89	0.45	−0.69	0.30	−0.23	0.20	−0.25	.....	.....
Rapid City	0.30	−0.14	0.15	−0.31	0.56	−0.49	1.89	−0.41	4.18	+1.27	3.83	−0.24	2.58	+0.03	2.30	+0.19	0.95	−0.31	1.56	+0.46	0.07	−0.39	0.43	−0.09	18.80	+0.11
Redig	0.91	+0.34	0.05	−0.44	0.81	−0.21	0.94	−0.41	1.90	+0.04	3.48	−0.72	1.44	−0.72	0.35	−0.94	1.00	+0.18	.....	.....	0.08	−0.48	0.68	+0.16	.....	.....
Rockford	0.80	−0.10	1.12	+0.31	0.88	−0.30	1.83	+0.28	3.72	+0.80	5.50	+2.56	1.97	−1.02	1.10	−1.13	0.77	−0.68	1.92	+0.72	0.36	−0.54	0.76	−0.06	20.78	+0.28
St. Francis	0.26	.....	0.00	.....	0.04	.....	1.28	.....	1.34	.....	4.14	.....	2.62	.....	2.12	.....	0.65	.....	1.07	.....	0.11	.....	0.60	.....	14.28	.....
Sorum	0.50	−0.31	0.20	−0.68	0.47	−1.65	.....	.....	0.55	−2.00	4.84	+1.92	0.22	−2.50	0.31	−1.15	1.46	+0.53	0.20	−0.92	.....	.....	.....	.....	.....	.....
Spearfish	0.44	−0.29	0.72	−0.13	0.48	−1.07	1.48	−0.85	2.56	+0.82	6.68	+2.98	0.65	−1.66	2.18	+0.39	0.93	−0.60	1.52	+0.81	0.40	−0.39	0.82	0.00	19.16	−2.13
Vale	0.25	−0.14	0.21	−0.11	0.41	−0.36	1.08	−0.48	1.53	−1.39	2.21	−0.88	0.09	−2.14	0.51	−1.19	0.36	−1.48	0.59	−0.85	0.05	−0.42	0.72	+0.21	8.01	−9.23
Vivian	0.17	.....	0.17	−0.30	0.04	−0.73	1.00	−1.33	0.49	−2.84	7.49	+3.81	2.00	−1.10	1.16	−0.98	0.02	−1.45	0.38	−0.82	0.08	−0.60	0.35	+0.06	13.35	.....
Wasta (near)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.62	.....	0.64	.....	0.76	.....	1.66	.....	0.30	.....	0.54	.....	.....	.....	.....	.....
Waters Ranch	0.30	−0.49	0.62	−0.05	0.30	−1.00	0.83	−1.41	2.24	−0.30	3.33	+0.34	1.38	−1.10	2.25	+0.26	2.84	+0.70	1.11	−0.62	0.31	−0.52	1.01	+0.07	16.52	−4.12
Wood	0.39	−0.22	0.12	−0.72	0.08	−0.92	1.49	−1.09	0.65	−2.71	3.29	−0.15	1.74	−1.41	1.28	−1.43	0.13	−1.35	0.02	−0.33	0.20	−0.76	0.48	−0.20	10.77	−11.01
For the State	0.60	+0.03	0.31	−0.32	0.31	−0.76	1.02	−0.45	1.50	−1.49	5.68	+2.20	1.78	−0.96	1.29	−1.05	1.11	−0.68	0.81	−0.52	0.44	−0.24	0.50	−0.09	15.90	−4.33

†The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1926, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen	0.09	−0.74	0.64	−0.35	0.26	−1.45	0.52	−2.61	1.65	−1.95	0.93	−3.26	7.01	+3.81	3.42	+0.49	2.71	+0.63	3.41	+1.80	0.44	−0.54	0.63	−0.08	21.71	−4.25
Academy	0.68	+0.25	0.29	−0.37	0.00	−1.11	0.00	−2.45	2.43	−0.72	1.88	−2.16	1.60	−1.52	1.97	−0.93	5.41	+3.79	1.70	+0.26	0.13	−0.47	0.10	−0.68	16.19	−6.11
Alexandria	1.45	+0.85	0.03	−0.60	0.09	−1.17	0.21	−2.58	1.67	−1.90	4.58	+0.24	2.71	−0.53	4.36	+1.78	2.49	+0.30	1.01	−0.66	0.72	+0.15	0.08	−0.51	19.40	−4.63
Armour	1.07	+0.53	0.03	−0.71	0.12	−1.13	0.31	−2.16	2.01	−1.42	4.21	+0.14	3.47	+0.36	2.65	−0.46	3.01	+1.04	1.38	−0.32	0.21	−0.58	0.26	−0.69	18.73	−5.30
Ashton	0.58		0.23		0.06		0.32		1.34		2.00		2.18		2.37		0.67		2.31		0.25		0.46		12.77	
Bowdle	0.32	−0.14	0.25	−0.25	0.45	−0.93	0.43	−1.35	3.38	+0.55	2.10	−1.88	2.95	+0.25	5.31	+3.09	3.33	−1.16	3.19	+2.03	0.25	−0.21	0.60	+0.13	17.47	−2.57
Britton	0.30	−0.29	0.54	−0.30	0.12	−0.67	0.12	−1.90	1.58	−1.60	0.42	−3.62	1.40	−1.25	5.31	+3.09	3.33	−1.16	3.19	+2.03	0.45	−0.39	0.49	−0.03	17.25	−3.77
Brookings	0.49	−0.02	0.06	−0.42	0.14	−0.64	0.13	−1.97	1.44	−1.73	3.64	−0.38	3.14	+0.57	1.46	−1.24	2.10	+0.08	0.89	−0.50	0.56	−0.05	0.63	+0.14	14.59	−6.16
Canistota	1.26		0.09		0.16		0.03		2.47		3.04		2.02		4.05		4.17		1.23		1.53		0.55		20.60	
Canton	1.47	+1.02	T.	−0.52	0.24	−1.09	0.11	−2.30	1.91	−1.93	3.88	−0.81	4.04	+0.41	3.62	+0.90	5.63	+3.50	0.83	−0.85	2.43	+1.40	0.11	−0.55	24.27	−0.82
Castlewood	1.23	+0.80	0.08	−0.41	0.54	−0.36	0.34	−2.08	2.02	−0.89	2.44	−2.03	1.31	−1.56	3.29	+0.38	3.36	+1.16	2.10	+0.78	1.08	−0.05	0.83	+0.51	18.62	−3.65
Centerville	0.95	+0.31	0.24	−0.60	0.40	−0.92	0.10	−1.97	2.72	−1.25	3.62	−0.73	2.24	−1.71	4.72	+1.73	4.66	+1.99	1.25	−0.36	2.54	+1.66	0.85	+0.04	24.19	−1.81
Clark	1.42	+0.73	0.81	+0.12	0.49	−0.75	0.79	−1.51	2.09	−1.04	2.77	−1.54	3.86	+0.78	1.76	−1.42	4.45	+1.93	2.91	+1.27						
De Smet	1.55	+1.03	0.02	−0.60	0.30	−0.74			2.45	−0.66	3.35	−0.85	3.26	+0.32	3.72	+1.12	2.93	+0.93	2.36	+0.70						
Eureka	0.30	−0.03	0.20	−0.29	0.05	−0.62	0.75	−0.79	2.65	+0.33	1.18	−1.71	1.16	−1.10	2.45	+0.27	3.93	+2.35	0.84	−0.10	0.16	−0.30	0.45	+0.02	14.12	−1.97
Fairfax	0.67	+0.17	T.	−0.68	0.20	−0.72	0.20	−2.11	2.04	−1.68	2.47	−1.93	1.99	−1.49	3.96	+0.96	2.17	+0.43	1.51	−0.03	0.59	+0.06	0.30	−0.32	16.10	−7.34
Faulkton	0.58	+0.14	0.24	−0.47	T.	−1.37	0.50	−2.16	2.32	−0.80	1.54	−1.90	2.41	−0.03	1.67	−0.70	2.18	+0.70	2.74	+1.57	0.21	−0.51	0.28	−0.18	14.67	−5.71
Flandreau	0.35	−0.09	0.02	−0.50	0.24	−0.82	0.04	−2.48	1.32	−2.53	5.29	+1.19	1.55	−1.34	4.66	+1.68	4.25	−2.02	0.66	−0.93	1.01	+0.07	0.55	−0.04	19.94	−3.77
Forestburg	1.50	+0.88	T.	−0.68	0.41	−0.68	0.29	−2.14	3.39	+0.66	2.35	−1.67	3.09	+0.24	4.23	+1.95	2.81	+1.02	3.23	+1.83	0.42	−0.25	0.32	−0.24	22.04	+0.32
Gannvalley	2.20	+1.65	T.	−0.57	0.10	−0.72	0.88	−1.27	3.10	+0.03	2.41	−1.33	2.53	−0.92	1.17	−1.79	2.86	+1.32	1.41	+0.45	0.42	−0.28	0.20	−0.48	16.78	−3.91
Gregory					0.42		T.		2.41		2.75		2.39		2.03		4.01		1.67		0.32		0.08			
Highmore	1.56	+1.18	T.	−0.34	0.02	−0.97	0.16	−1.66	1.96	−0.76	1.50	−1.87	2.53	−0.16	2.09	−0.16	1.07	−0.45	2.78	+1.76	0.16	−0.36	0.36	−0.02	14.19	−3.81
Howard	0.98	+0.56	0.03	−0.49	0.19	−0.85	0.10	−2.08	2.33	−0.62	3.82	−0.12	3.50	+0.22	2.36	−0.37	2.34	+0.15	1.65	−0.04	0.71	+0.16	0.35	−0.17	18.36	−3.65
HURON	1.57	+1.06	0.04	−0.40	0.13	−0.86	0.09	−2.56	2.77	−0.15	2.17	−1.61	3.22	+0.28	1.49	−1.15	1.87	+0.18	2.76	+1.42	0.21	−0.37	0.28	−0.34	16.60	−4.50
Ipswich	0.47	+0.06	0.19	−0.33	0.13	−0.90	0.19	−1.89	1.72	−1.91	1.47	−2.00	2.30	−0.22	2.32	−0.47	2.44	+0.74	2.13	+1.09	0.14	−0.37	0.45	+0.13	13.95	−6.07
Kennebec	1.96	+1.45	0.02	−0.56	T.	−0.83	0.11	−1.87	2.09	−0.44	3.14	−0.07	3.25	+0.79	0.71	−1.36	0.86	−0.33	1.13	+0.16	0.38	−0.07	0.47	−0.07	14.12	−3.20
La Delle	2.13	+1.56	0.35	−0.13	0.25	−0.81	0.32	−2.17	1.90	−1.91	4.70	−0.31	2.34	−1.11	2.93	−0.68	3.52	+0.82	3.27	+1.32	0.38	−0.63	0.77	+0.23	22.86	−3.82
Marion	1.37	+0.71	0.07	−1.01	0.26	−1.32	0.02	−2.40	1.76	−2.22	4.64	−0.23	3.41	−0.47	3.76	+0.72	3.69	+0.85	1.13	−0.74	1.93	+0.91	0.37	−0.42	22.40	−5.62
Mellette	0.70	−0.15	0.48	−0.17	0.05	−1.05	0.30	−1.90	1.97	−1.24	0.79	−2.57	2.56	−0.33	2.04	−0.02	5.77	+3.95	3.96	+2.60	0.40	−0.23	0.80	+0.36	19.82	−0.45
Meuno	1.16	+0.67	0.09	−0.66	0.22	−0.86	0.08	−2.10	2.50	−1.34	4.60	+0.26	1.87	−1.88	3.27	+0.42	4.31	+2.04	0.27	−1.46	1.40	+0.61	0.49	−0.23	20.26	−4.63
Milbank	1.20	+0.39	0.10	−0.79	0.70	−0.82	0.58	−1.79	3.07	−0.08	1.73	−2.50	4.94	+2.40	5.97	+3.20	3.15	−1.17	1.28	−0.34	1.21	+0.24	1.42	+0.69	25.35	+1.77
Miller	1.27	+0.92	0.06	−0.38	0.01	−0.78	0.26	−1.49	2.16	−1.04	1.82	−1.55	1.17	−1.33	4.49	+1.88	1.97	−0.54	2.89	+1.85	0.18	−0.36	0.18	−0.23	16.37	−1.97
Mitchell	1.44	+0.91	0.01	−0.71	0.20	−0.93	0.23	−2.46	3.10	−0.39	3.36	−0.95	1.65	−1.84	2.64	−0.07	3.88	+1.80	1.46	−0.19	0.44	−0.20	0.27	−0.30	18.68	−5.33
Onaka	0.50	−0.12	0.30	−0.65	0.10	−0.98	0.30	−2.38	3.73	−0.03	2.15	−1.75	4.51	+1.37	1.03	−1.62	2.30	+0.31	2.35	+1.24	0.45	−0.25	0.35	−0.09	18.07	−4.95
Parkston	1.29	+0.29	0.04	−1.04	0.19	−1.45	0.07	−1.88	1.99	−1.15	4.27	+0.90	2.74	−0.59	3.27	+0.93	3.81	+1.81	1.68	−0.27	0.84	+0.26	0.61	−0.14	20.80	−2.33
Pukwana	0.88		0.00		0.17		0.04		2.26		1.68		1.93		0.92		1.56		0.86		0.20		0.05		10.55	
Redfield	0.70	+0.30	0.42	−0.21	0.02	−0.92	0.36	−1.65	1.01	−1.95	2.18	−1.06	2.84	+0.19	1.41	−1.36	0.88	−1.01	2.31	+1.10	0.33	−0.26	0.55	+0.06	13.01	−6.77
Roslyn	0.60	+0.20	0.81	+0.43	0.45	−0.35	0.52	−1.43	2.52	−0.41	1.17	−2.38	1.37	−1.56	3.54	−0.05	2.20	−0.41	2.62	+1.36	0.45	−0.22	0.70	+0.29	16.75	−4.53
Sioux Falls	0.98	−0.36	0.09	−0.59	0.18	−0.86	0.02	−2.56	3.33	−0.61	4.14	−0.27	1.73	−1.65	4.11	+1.15	5.71	+3.38	1.25	−0.37	2.55	+1.54	0.55	−0.24	24.64	−0.72
Tyndall					0.08	−1.18	0.03	−2.55	2.51	−1.76	3.38	−0.36	2.65	−1.08	4.83	+1.46	3.96	+1.68	0.70	−1.34	1.35	+0.63	0.21	−0.40		
Vermillion	1.42	+0.86	0.09	−0.80	0.47	−0.79	0.26	−2.40	2.47	−0.42	2.32	−1.90	3.82	+0.09	4.41	+1.46	7.03	+3.75	1.24	−0.56	2.22	+1.21	0.80	−0.04	26.55	+0.46
Victor	0.45		0.47		0.43		0.44		3.75		0.85		1.93		5.52		2.25		1.87		1.10		0.65		19.71	
Wagner	3.18	+2.14	T.	−0.58	0.60	−0.76	0.19	−2.30	2.11	−1.27	5.54	+2.06	4.42	+1.60	3.44	+1.02	3.63	+1.75	2.17	+0.94	0.56	−0.49	0.85	−0.24	26.62	+3.87
Watertown	0.49	−0.06	0.06	−0.50	0.27	−0.59	0.19	−2.14	3.58	+0.47	2.24	−1.68	2.19	−0.80	1.25	−1.77	2.99	+0.97	2.06	+0.67	0.57	−0.18	0.73	+0.27	16.62	−5.34
Wentworth	0.78	+0.32	0.03	−0.49	0.03	−0.95	0.07	−2.21	1.28	−2.41	5.12	+0.82	3.09	−0.17	4.24	+1.30	4.25	+1.73	0.83	−0.77	0.87	+0.12	0.38	−0.17	20.97	−2.88
White Lake	1.45	+1.02	T.	−0.81	0.25	−0.53	0.18	−1.94	1.51	−1.32	1.99	−1.65	1.64	−1.00	2.62	+0.08	2.33	+0.41	1.16	−0.13	0.35	−0.37	0.10	−0.57	13.58	−6.81
Winner	0.95		0.08		0.21		0.12		2.22		3.36		0.73		1.85		1.86		1.28		0.45		0.22		13.38	
Yankton	1.50	+0.94	0.06	−0.52	0.50	−0.64	0.20	−2.60	2.02	−1.88	3.18	−1.09	1.60	−1.92	4.11	+0.99	4.60	+2.15	0.32	−1.25	2.36	+1.57	0.85	+0.12	21.30	−4.13
Western Division																										
Ardmore	0.69	+0.22	0.12	−0.36	0.40	−0.26	0.49	−1.48	2.53	−0.80	1.80	−1.29	3.55	+1.52	2.94	+1.53	1.09	−0.07	1.26	+0.17	1.70	+1.23	0.09	−0.57	16.66	−0.16
Bellefourche	1.70	+1.33	0.19	−0.17	0.18	−0.67	0.05	−1.32	4.01	+1.78	1.97	−0.40	1.54	−0.56	1.60	+0.14	1.18	−0.28	0.45	−0.58	1.35	+0.87	0.45	−0.07	14.67	+0.13
Belvidere	2.25		0.00		0.28		0.11		3.98		2.98		4.13		3.54		1.36		1.19		0.86		0.20		20.88	
Camp Crook	0.60	+0.08	0.75	+0.35	0.05	−0.97	0.24	−0.79	1.86	−0.45	4.40	+1.63	1.88	+0.08	2.69	+1.36	1.18	+0.04	0.30	−0.40	1.40	+1.01	0.10	−0.26	15.40	+1.68
Cottonwood	0.90	+0.51	0.10	−0.29	0.20	−0.17	0.75	−0.95	2.77	−0.05	1.97	−0.49	3.56	+1.08	1.56	−0.26	0.37	−0.94	1.12	+0.24	0.16	−0.28	0.10	−0.34	13.52	−1.94
Custer	0.76	+0.34	0.15	−0.45	0.20	−0.56	0.38	−1.66	2.23	−0.37	5.00	+2.32	4.06	+0.95	2.57	+0.17	2.07	+0.61	0.30	−0.99	0.52	−0.11	0.17	−0.25	18.41	0.00
Deerfield	1.15	+0.48	0.51	+0.07	0.38	−0.31	0.60	−1.12	2.70	+0.36	4.57	+1.53	3.03	−0.20	2.45	+0.28	1.54	−0.01	1.15	−0.06	0.78	+0.17	0.13	−0.37	18.99	+0.80
Dowling	1.26	+0.54	0.18	−0.39					3.87	+0.78	1.51	−1.74	6.34	+3.63	2.57	+0.12	0.88	−0.62	0.95	−0.23	0.96	−0.48	T.	−0.62		
Dumont	1.96	+0.35	0.68	−0.67	1.14	−0.63	0.67	−1.97	1.77	−1.07	6.34	+3.07	5.75	+2.41	1.86	−0.23	1.87	+0.03	1.93	−0.29	0.76	−0.24	0.26	−1.13	24.39	−0.37
Dupree	1.51		0.16		0.16		0.05		1.85		2.19		4.04		1.83		0.49		1.28		0.23		0.57		14.36	
Eales	0.47	−0.18	0.15	−0.67	0.12	−0.77	0.30	−1.24	4.54	+2.03	2.47	−0.43	3.27	+0.60	1.84	+0.04	0.32	−0.95	1.57	+0.43	0.15	−0.33	0.50	−0.03	15.70	−1.50
Elm Springs (near)	0.95		0.25		0.15		0.05		4.41		1.50		1.93		2.27		1.03		0.50		0.70					
Faith													3.52		2.14		1.02		1.06				0.21			
Glenham							0.05		2.95		1.37		1.19		2.02		0.98		0.96		0.16		0.20			
Hardy Ranger Station	2.40	+0.59	1.10	+0.14	1.03	−0.49	0.49	−1.75	2.27	−0.21	4.00	+1.26	3.85	+1.51	2.36	+0.38	1.05	−0.81	0.30	−1.59	1.76	+0.76	0.77	−0.64	21.38	−0.85
Harveys Ranch	3.85	+2.26	1.60	+0.27	2.45	+0.80	1.35	−1.30	4.79	+1.70	11.55	+8.56	5.87	+2.36	3.00	+0.88	2.30	+0.82	0.45	−0.92	0.70	−0.40	0.35	−0.75	38.26	+14.3
Hermosa	0.65	+0.28	0.02	−0.36	0.02	−0.77	0.57	−1.20	4.12	+0.67	3.32	−0.12	4.13	+1.76	1.56	−0.47	0.95	−0.31	0.67	−0.25	0.88	+0.46	0.04	−0.34	16.93	−0.62
Hopewell	1.75	+1.14	0.10	−0.59	0.02	−0.94	0.11	−1.58	2.90	+0.20	1.92	−0.14	2.08	−0.36	1.47	−0.70	0.73	−0.67	1.60	+0.51	0.14	−0.45	0.22	−0.40	13.04	−3.9
Hot Springs	1.10	+0.36	0.00	−0.49	0.30	−0.62	0.50	−1.41	2.31	−0.74	3.83	+0.98	2.29	+0.13	1.74	−0.02	1.18	−0.23	1.02	−0.50	1.32	+0.65	0.40	−0.29	15.93	−2.1
Lead	2.51	+1.32	0.08	−0.35	1.21	−0.63	0.87	−2.34	3.73	−0.05	4.36	+0.96	4.82	+1.79	1.92	−0.42	2.01	−0.03	1.26	−0.62	1.21	+0.10	0.21	−0.92	24.79	−1.1
Lemmon	1.30	+0.67	0.78	+0.31	0.22	−0.51	0.06	−1.07			5.58	+1.93	3.79	+2.15	2.25	+0.85	0.97	−0.49	0.67	−0.06	0.35	−0.35	0.40	−0.21		
Ludlow	0.67		0.40		T.		0.05		1.98		3.11		1.65		2.59		0.63		0.10		0.40		0.73		12.31	
McIntosh	0.10	−0.36	0.22	−0.45	0.20	−0.76	T.		2.45	+0.05	5.50	+2.24	1.45	−0.51	3.20	+1.37	1.96	+0.35	T.	−0.89	T.	−0.62	0.80	+0.22	15.88	−0.8
McLaughlin	0.55		0.37				0.02		1.41		2.31		0.95		1.43		3.88		1.08		0.10		0.75			
Meadow	0.58	+0.24	T.	−0.54	0.01	−1.22	T.	−1.26	1.62	−0.79	3.30	+0.03	2.76	−0.14	1.94	+0.27	0.91	−0.31	0.10	−0.94	0.09	−0.21	0.80	+0.41	12.11	−4.4
Midland	1.26		0.15		0.01		0.11		2.53		2.77		2.18		0.90		0.46		1.06		0.35		0.31		12.09	
Mobridge																							0.40			
Mud Butte	0.46		T.		0.14		0.00		4.82		1.00		2.21		3.86		1.33	−0.51	1.92	+0.44						
Murdo	2.05	+1.62	T.	−0.61	T.	−0.90									1.48		0.72		0.63		0.96		0.05		17.16	
Newell	1.67		0.19		0.24		0.10		4.60		4.56		1.96				1.17	−0.07	1.34	+0.05	2.30	+1.52	0.40	−0.39		
Oelrichs	2.30	+1.46	0.00	−0.91	0.90	−0.48	2.00	−0.16	3.43	+0.37	3.80	+0.51	0.27	−2.06	2.59	−0.16	0.81	−1.39	0.55	−0.68	1.17	+0.21	0.13	−0.26	0.11	−0.14
Onida	0.73	−0.28	0.14	−0.69	T.	−0.85			2.54	−0.86	1.97	−1.20	2.59	−0.16	1.79	+0.35	0.87	−0.65	0.48	−0.68	0.62	+0.18	0.07	−0.46	14.89	−0.7
Orman	3.37	+2.98	0.12	−0.20	0.27	−0.48	0.14	−1.42	4.19	+1.52	1.79	−0.64	1.18	−1.25	0.64	−2.26	0.29	−1.23	1.00	−0.04			T.	−0.66		
Ottumwa	1.60	+0.97	0.00	−0.79	0.02	−0.87	T.	−1.98	3.02	−0.16	1.09	−1.18	2.79	+0.79	0.78	−1.23	0.74	−0.37	2.61	+1.80	0.38	−0.05	0.23	−0.27	15.44	−1.
Pierre	1.31	+0.85	0.10	−0.34	0.03	−1.30	0.15	−1.83	3.32	+1.19	1.86	−1.22	3.93	+1.58	1.01	−1.33	1.44	−0.34	3.13	+1.40	1.22	+0.08	0.29	−0.24	0.70	+0.25	12.82	−4.
Pollock	0.75	−0.29	0.43	−0.10	T.	−0.81	T.	−1.62	2.09	−0.05	1.76	−1.53	1.01	−1.33	1.44	−0.34	3.13	+1.40	1.22	+0.08	0.29	−0.24	0.70	+0.25	12.82	−4.
Rapid City	1.13	−0.69	0.16	−0.30	0.22	−0.83	0.32	−1.98	8.07	+5.16	3.37	−0.22	3.09	+0.54	2.27	+0.16	0.90	−0.36	0.55	−0.55	0.96	+0.50	0.04	−0.42	21.08	+2.
Redig	2.00	+1.43	0.23	−0.26	0.60	−0.42	0.40	−0.95	2.56	+0.70	3.06	+0.30	2.08	−0.08	1.62	+0.33	0.73	−0.09	0.42	−0.51	1.50	+0.94	0.25	−0.33	15.45	+1.
Rochford	1.74	+0.84	0.73	−0.08	1.29	+0.11	0.96	−1.15	2.71	−0.21	5.40	+2.46	4.72	+1.73	3.21	+0.98	2.07	+0.62	1.43	+0.23	1.45	+0.55	0.50	−0.32	26.21	+5.
St. Francis	0.93		0.00		0.36		0.09		2.02		1.99		1.48		3.20		0.87		1.32		0.70					
Sorum					0.20	−1.92	0.10	−1.63	4.60	+1.95	3.64	+0.72	3.35	+0.63												
Spearfish	1.13	+0.40	0.24	−0.61	0.30	−1.25	0.56	−1.77	3.81	+0.43	3.42	−0.28	3.61	+1.30	1.31	−0.48	1.96	+0.43	0.98	−0.53	1.66	+0.87	0.30	−0.62	19.28	−2.
Timber Lake	0.50		0.09		0.01		0.08		2.71		3.05		1.83		1.28		0.94		0.85		0.55		0.15		12.04	
Vale	1.22	+0.83	0.07	−0.25	0.07	−0.70	0.06	−1.50	5.05	+2.13	2.38	−0.71	1.79	−0.44	0.68	−1.02	1.09	−0.75	0.64	−0.80	0.74	+0.27	0.20	−0.31	13.99	−3.
Vivian	1.37		0.17	−0.30	T.	−0.77	0.04	−2.29	2.17	−1.16	3.05	−0.63	1.40	−1.70	0.60	−1.54	1.28	−0.19	1.15	−0.05	0.13	−0.55	0.29	0.00	11.65	−8.
Wasta (near)	2.61		0.10		0.28		0.39		2.52		2.03		2.05		2.96		0.76		0.92				0.32			
Waters Ranch	1.85	+1.06	0.12	−0.55	0.28	−1.02	0.35	−1.89	2.93	+0.39	3.40	+0.41	4.01	+1.53	2.05	+0.06	1.14	−1.00	0.56	−1.17	1.66	+0.83	0.18	−0.76	18.53	−2.
Wood	1.01	+0.40	0.05	−0.79	0.12	−0.90	0.05	−2.53	1.66	−1.70	2.85	−0.29	1.53	−1.62	3.21	+0.50	1.59	−0.11	1.15	−0.10	0.31	−0.65	0.28	−0.40	13.81	−7.
For the State	1.22	+0.64	0.21	−0.43	0.27	−0.80	0.27	−1.82	2.70	−0.42	3.00	−0.39	2.73	−0.18	2.58	+0.15	2.25	+0.64	1.35	+0.09	0.76	+0.12	0.39	−0.22	17.73	−2.

† The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1927, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen	0.45	−0.38	0.56	−0.43	1.45	−0.26	3.59	+0.46	6.08	+2.48	1.98	−2.21	2.74	−0.46	1.95	−0.98	2.73	+0.65	0.93	−0.68	0.56	−0.42	2.25	+1.54	25.27	−0.69
Academy	0.05	−0.38	0.20	−0.46	2.65	+1.54	6.68	+4.23	4.99	+1.84	0.99	−3.05	1.68	−0.44	1.76	−1.14	0.34	−1.28	0.47	−0.97	0.31	−0.29	1.07	+0.29	21.19	−1.11
Alexandria	0.04	−0.56	0.12	−0.51	1.56	+0.30	5.89	+3.10	4.67	+1.10	2.91	−1.43	2.22	−1.02	1.16	−1.42	1.56	−0.69	0.54	−1.13	0.62	+0.05	0.89	+0.30	22.18	−1.85
Armour	0.06	−0.48	0.33	−0.41	1.10	−0.15	3.18	+0.71	4.60	+1.17	3.29	−0.78	1.30	−1.81	1.80	−1.31	2.48	+0.51	0.67	−1.03	0.53	−0.26	1.45	+0.60	20.79	−3.24
Ashton	0.28	.....	0.30	.....	1.03	.....	4.12	.....	3.03	.....	3.62	.....	3.98	.....	2.50	.....	2.52	.....	0.64	.....	0.58	.....	0.89	.....	23.99	.....
Bowdle	0.50	+0.04	0.50	0.00	0.11	−1.27	3.14	+1.36	4.61	+1.78	3.03	−0.95	2.51	−0.19	3.31	+0.39	2.92	+1.45	2.47	+1.38	0.40	−0.06	0.70	+0.23	24.20	+4.16
Britton	0.45	−0.14	0.11	−0.73	0.57	−0.22	2.18	+0.16	7.96	−4.78	2.53	−1.51	1.60	−1.05	1.61	−0.61	5.06	+2.89	0.57	−0.59	0.34	−0.50	0.79	+0.27	23.77	+2.75
Brookings	0.14	−0.28	0.35	−0.13	0.83	+0.05	4.04	+1.94	4.29	+1.12	1.46	−2.56	4.88	+2.31	0.35	−2.35	1.98	−0.04	0.49	−0.90	0.49	−0.12	1.10	+0.61	20.40	−0.35
Canistota	0.04	.....	0.46	.....	1.84	.....	4.28	.....	5.46	.....	1.97	.....	2.21	.....	0.52	.....	1.25	.....	0.45	.....	1.12	.....	1.43	.....	21.03	.....
Canton	T.	−0.45	0.52	0.00	3.18	+1.85	5.31	+2.90	4.98	+1.14	2.23	−2.46	0.69	−2.94	2.83	+0.11	2.82	+0.69	1.33	−0.35	0.43	−0.60	1.14	+0.48	25.46	+0.37
Castlewood	0.27	−0.16	0.33	−0.16	1.60	+0.70	4.77	+2.35	3.35	+0.44	1.69	−2.78	4.63	+1.76	1.25	−1.66	1.74	−0.46	0.53	−0.79	0.86	−0.17	1.28	+0.96	22.80	+0.03
Centerville	0.16	−0.48	1.04	+0.20	2.31	+0.99	6.00	+3.93	5.10	+1.13	2.49	−1.76	1.50	−2.45	3.37	+0.38	2.11	−0.56	0.62	−0.99	0.60	−0.28	1.10	+0.29	26.40	+0.40
Clark	.....	.....	.....	.....	.....	.....	.....	.....	5.58	+2.45	3.25	−1.06	5.54	+2.46	4.96	+1.78	1.39	−1.13	0.86	−0.78	0.83	−0.69	1.55	+0.93	.....	.....
Crow Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.73	.....	1.40	.....	.....	.....
De Smet	0.10	−0.42	0.47	−0.15	1.79	+0.76	5.72	+3.60	3.68	+0.67	2.99	−1.21	4.26	+1.82	1.10	−1.50	1.49	−0.51	1.09	−0.57	0.20	−0.41	1.60	+0.95	24.49	+2.52
Eureka	0.40	+0.07	0.45	−0.04	0.24	−0.43	1.31	−0.23	3.72	+1.49	2.90	+0.01	6.89	+4.13	3.43	+1.25	1.28	−0.30	1.89	+0.95	0.14	−0.32	0.39	−0.04	22.54	+6.45
Fairfax	0.15	−0.35	0.40	−0.28	2.60	+1.68	6.28	+3.97	4.41	+0.69	1.72	−2.68	1.09	−2.39	3.25	+0.25	T.	−1.74	0.81	−0.73	0.20	−0.33	0.25	−0.37	21.16	−2.28
Faulkton	0.35	−0.09	0.35	−0.36	0.37	−1.00	2.57	−0.09	3.63	+0.51	3.29	−0.15	3.58	+1.14	1.27	−1.10	1.10	−0.38	0.52	−0.65	0.75	+0.03	0.66	+0.20	18.44	−1.94
Flandreau	0.20	−0.24	0.51	−0.01	1.13	+0.07	3.55	+1.03	3.83	−0.02	3.97	−0.13	4.26	+1.37	0.49	−2.49	1.14	−1.09	1.21	−0.38	0.74	−0.20	1.05	+0.46	22.08	−1.63
Forestburg	0.04	−0.58	0.55	−0.13	1.46	+0.37	6.05	+3.62	4.91	+1.58	1.41	−2.61	2.84	−0.01	1.63	−0.65	0.61	−1.18	0.30	−1.10	0.88	+0.21	0.60	+0.04	21.28	−0.44
Gannvalley	T.	−0.55	0.29	−0.37	0.86	+0.04	6.21	+4.56	6.30	+3.23	2.76	−0.99	1.32	−2.18	1.55	−1.41	1.20	−0.34	0.98	+0.02	0.40	−0.30	0.75	+0.07	22.52	+1.83
Gregory	0.08	.....	0.07	.....	2.31	.....	5.75	.....	4.93	.....	1.59	.....	1.26	.....	2.82	.....	0.65	.....	0.80	.....	0.27	.....	0.29	.....	20.82	.....
Highmore	0.21	−0.17	0.08	−0.26	0.85	−0.14	3.35	+1.53	5.80	+3.08	2.22	−1.15	1.04	−1.65	1.77	−0.48	1.47	−0.05	0.83	−0.19	0.71	+0.19	0.76	+0.38	19.09	+1.09
Howard	0.12	−0.30	0.36	−0.16	1.42	+0.38	5.99	+3.81	4.71	+1.76	1.56	−2.38	2.45	−0.83	0.41	−2.32	1.25	−0.94	0.75	−0.94	0.57	+0.02	0.91	+0.39	20.50	−1.51
HURON	0.24	−0.27	0.20	−0.24	1.52	+0.53	4.28	+1.63	3.92	+1.00	1.23	−2.55	4.02	+1.08	2.37	−0.27	1.11	−0.58	0.49	−0.85	0.49	−0.09	1.20	+0.58	21.07	−0.03
Ipswich	0.24	−0.17	0.25	−0.27	0.50	−0.53	2.43	+0.35	4.85	+1.22	3.03	−0.44	3.63	+1.11	2.31	−0.42	2.01	+0.31	1.11	+0.07	0.25	−0.26	.....	.....	.....	.....
Kennebec	0.41	−0.10	0.35	−0.23	1.08	+0.25	4.71	+2.73	4.19	+1.66	0.90	−2.31	0.99	−1.47	2.98	+0.91	0.73	−0.46	0.94	−0.03	0.65	+0.20	0.85	+0.31	18.78	+1.46
La Delle	0.25	−0.32	0.35	−0.13	1.83	+0.77	6.74	+4.25	.....	.....	2.60	−2.41	4.98	+1.53	2.83	−0.78	2.52	−0.18	0.93	−1.02	.....	.....	1.51	+0.97	.....	.....
Marion	T.	−0.66	0.57	−0.51	3.14	+1.57	6.61	+4.19	5.06	+1.08	3.79	−1.08	2.24	−1.64	0.47	−2.57	1.59	−1.25	0.86	−1.01	1.13	+0.11	0.50	−0.29	25.96	−2.06
Mellette	0.50	−0.05	0.68	+0.03	0.53	−0.57	3.75	+1.55	3.32	+0.11	2.71	−0.65	3.74	+0.85	1.46	−0.60	2.11	+0.29	0.78	−0.58	0.58	−0.05	1.40	+0.96	21.56	+1.29
Menno	0.04	−0.45	0.51	−0.24	2.79	+1.71	5.99	+3.81	3.28	−0.56	2.20	−2.14	0.92	−2.83	1.47	−1.38	3.34	+1.07	0.37	−1.36	0.95	+0.16	0.43	−0.29	22.29	−2.50
Milbank	0.33	−0.48	0.46	−0.43	1.91	+0.39	3.02	+0.65	2.93	−0.22	2.73	−1.50	3.86	+1.32	2.31	−0.46	0.82	−1.16	1.66	+0.04	1.55	+0.58	3.40	+2.67	24.98	+1.40
Miller	0.18	−0.17	0.02	−0.42	0.80	−0.01	3.97	+2.22	2.86	−0.34	1.69	−1.68	2.17	−0.33	1.21	−1.31	1.12	−0.31	0.69	−0.35	0.80	+0.26	0.72	+0.31	16.23	−2.11
Mitchell	0.05	−0.48	0.34	−0.38	1.94	+0.81	7.34	+4.65	5.54	+2.05	1.22	−3.09	2.80	−0.69	1.80	−0.91	1.90	−0.18	0.73	−0.92	0.94	+0.30	1.29	+0.72	25.89	+1.88
Onaka	0.35	−0.27	0.40	−0.55	0.52	−0.56	2.81	+0.13	5.20	+1.44	2.87	−1.03	3.92	+0.78	2.65	0.00	1.51	−0.48	1.50	+0.39	0.30	−0.40	1.60	+1.16	23.63	+0.61
Parkston	0.07	−0.93	0.52	−0.56	2.03	+0.39	5.84	+3.89	5.28	+2.14	1.53	−1.84	1.49	−1.84	2.53	+0.19	1.71	−0.29	0.63	−1.32	0.72	+0.14	0.46	−0.29	22.80	−0.33
Pukwana	0.09	.....	0.13	.....	2.04	.....	3.36	.....	4.24	.....	2.33	.....	1.45	.....	1.57	.....	0.57	.....	1.30	.....	0.34	.....	0.37	.....	17.79	.....
Redfield	0.42	+0.02	0.30	−0.33	1.40	+0.46	4.56	+2.55	2.73	−0.23	3.90	+0.66	5.62	+2.97	3.47	+0.70	2.01	+0.12	0.61	−0.60	0.74	+0.15	1.00	+0.51	26.76	+6.98
Sioux Falls	0.02	−0.60	0.69	+0.01	2.10	−1.06	6.90	+3.32	5.51	+1.57	1.90	−2.51	2.14	−1.24	0.78	−2.18	2.27	−0.06	0.79	−0.83	1.07	+0.06	0.78	−0.01	23.95	−1.41
Tyndall	.....	.....	0.53	+0.01	2.41	−1.15	8.02	+5.44	.....	.....	.....	.....	.....	.....	2.59	−0.78	0.95	−1.13	0.23	−1.81	0.60	−0.12	0.63	+0.02	.....	.....
Vermillion	0.01	−0.55	1.02	+0.13	2.32	+1.06	6.30	+3.64	5.18	+2.29	.....	.....	.....	.....	.....	.....	.....	.....	0.63	−1.17	0.63	−0.38	0.35	−0.49	.....	.....
Victor	0.45	.....	0.57	.....	1.74	.....	2.47	.....	2.93	.....	5.14	.....	3.29	.....	3.28	.....	3.02	.....	0.69	.....	0.51	.....	1.68	.....	25.77	.....
Wagner	0.30	−0.67	0.27	−0.31	2.89	+1.53	6.97	+4.48	5.12	+1.74	2.19	−1.29	1.56	−1.26	2.95	+0.53	1.38	−0.50	0.92	−0.31	0.61	−0.44	0.76	−0.84	25.91	+3.16
Watertown	0.24	−0.31	0.16	−0.40	0.90	+0.04	4.19	+1.86	3.49	+0.38	2.29	−1.63	5.11	+2.12	2.30	−0.72	0.97	−1.05	0.56	−0.83	0.39	−0.36	1.48	+1.02	22.08	+0.12
Webster	0.70	+0.30	0.47	+0.09	0.90	+0.10	2.82	+0.87	3.87	+1.14	3.47	−0.08	5.50	+2.57	3.78	+0.19	2.85	−0.26	0.94	−0.32	0.72	+0.06	1.14	+0.73	26.66	+5.38
Wentworth	0.25	−0.21	0.26	−0.26	1.50	+0.52	4.36	+2.08	6.44	+2.75	2.17	−2.13	3.60	+0.34	0.06	−2.88	2.13	−0.39	.....	.....	.....	.....	0.82	+0.27	.....	.....
White Lake	0.08	−0.35	0.13	−0.68	2.87	+2.09	5.13	+3.01	4.65	+1.82	1.54	−2.10	1.37	−1.27	1.26	−1.28	1.01	−0.91	0.39	−0.90	0.58	−0.14	0.87	+0.20	19.79	−0.51
Winner	0.30	.....	0.21	.....	2.00	.....	6.23	.....	4.60	.....	2.88	.....	2.16	.....	2.51	.....	0.40	.....	1.20	.....	0.19	.....	0.61	.....	23.28	.....
Yankton	0.08	−0.48	0.92	+0.34	3.01	+1.87	6.89	+4.09	4.62	+0.72	3.89	−0.38	0.57	−2.95	2.77	−0.35	4.16	+1.71	0.54	−1.03	0.65	−0.14	1.11	+0.38	29.21	+3.78
Western Division																										
Ardmore	0.22	−0.25	0.34	−0.14	1.14	+0.48	4.06	+2.09	3.26	−0.07	3.28	+0.19	3.33	+1.30	2.25	+0.84	1.01	−0.15	1.16	+0.07	0.75	+0.28	0.32	−0.34	21.12	+4.30
Bellefourche	0.24	−0.13	0.03	−0.33	0.74	−0.11	4.17	+2.80	4.45	+2.22	3.10	+0.73	3.39	+1.35	2.52	+1.06	1.51	+0.05	1.36	+0.33	0.80	+0.32	0.85	+0.33	23.16	+8.62
Belvidere	0.30	.....	0.45	.....	2.50	.....	6.52	.....	9.23	.....	2.46	.....	1.93	.....	1.99	.....	0.99	.....	0.79	.....	0.51	.....	1.70	.....	29.37	.....
Camp Crook	0.35	−0.17	0.34	−0.06	0.74	−0.28	4.52	+3.49	5.61	+3.30	2.33	−0.44	3.56	+1.76	3.94	+2.61	0.88	−0.21	0.35	−0.35	0.50	+0.11	0.96	+0.59	24.07	+10.35
Cedar View	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.07	.....	0.93	.....	2.19	.....	0.57	.....	0.74	.....	.....	.....
Cottonwood	0.20	−0.19	0.11	−0.28	0.73	−0.36	5.54	+3.84	5.16	+2.84	3.26	+0.80	2.38	−0.06	2.21	+0.39	0.63	−0.68	T.	−0.88	0.40	−0.04	0.40	−0.04	21.02	+5.56
Custer	0.34	−0.08	0.39	−0.21	1.02	+0.26	3.61	+1.57	5.94	+3.34	2.13	−0.55	4.57	+1.46	4.44	+2.04	1.23	−0.23	0.65	−0.64	0.63	0.00	0.84	−0.08	25.29	+6.88
Deerfield	0.71	+0.04	0.31	−0.13	1.18	+0.47	4.38	+2.66	4.63	+2.29	3.46	+0.42	3.32	+0.09	5.97	+3.80	1.03	−0.52	1.78	+0.57	1.38	+0.77	0.52	+0.02	28.67	+10.48
Dowling	0.19	−0.53	0.24	−0.33	0.16	−0.80	3.76	+2.14	7.81	+4.72	3.74	+0.49	2.63	−0.08	1.78	−0.67	0.69	−0.81	.....	.....	.....	.....	0.71	+0.09	.....	.....
Dumont	0.46	−1.16	0.68	−0.72	0.69	−1.08	2.06	−0.58	2.66	−0.18	4.55	+1.28	3.85	+0.51	5.37	+3.28	1.41	−0.43	0.62	−1.00	0.97	−0.03	1.28	−0.11	24.54	−0.22
Dupree	0.48	.....	0.24	.....	0.43	.....	4.48	.....	6.87	.....	3.01	.....	1.81	.....	0.73	.....	1.02	.....	0.32	.....	0.29	.....	1.80	.....	21.48	.....
Eales	0.50	−0.15	0.36	−0.46	0.17	−0.72	2.59	+1.05	5.42	+2.91	5.04	+2.14	2.54	−0.13	2.73	+0.93	0.58	−0.69	2.45	+1.31	0.60	+0.12	1.45	+0.92	24.43	+7.23
Elm Springs (near)	0.40	.....	T.	.....	1.30	.....	4.57	.....	6.41	.....	2.25	.....	.....	.....	.....	.....	0.70	.....	0.55	.....	0.40	.....	1.00	.....	.....	.....
Faith	0.20	.....	0.03	.....	0.35	.....	3.96	.....	8.65	.....	3.92	.....	0.81	.....	0.38	.....	0.61	.....	0.20	.....	.....	.....	0.62	.....	.....	.....
Glenham	0.32	.....	0.42	.....	0.09	.....	1.70	.....	4.73	.....	2.04	.....	3.07	.....	2.78	.....	2.43	.....	1.17	.....	0.12	.....	0.57	.....	19.44	.....
Hardy Ranger Station	0.68	−1.13	0.61	−0.85	0.93	−0.59	1.24	−1.00	1.27	−1.21	1.99	−0.75	2.42	+0.08	1.62	−0.36	1.13	−0.73	1.08	−0.81	1.37	+0.87	1.72	+0.31	16.06	−6.17
Harveys Ranch	1.32	−0.27	0.55	−0.78	1.70	+0.05	4.24	+1.59	3.00	−0.09	7.88	+4.89	4.15	+0.64	5.20	+3.08	0.95	−0.53	1.40	+0.03	1.00	−0.10	1.15	+0.05	32.54	+8.56
Hermosa	0.26	−0.11	0.27	−0.11	1.57	+0.78	6.01	+4.24	5.00	+1.55	4.31	+0.87	3.62	+1.25	4.14	+2.11	1.04	−0.22	1.08	−0.16	0.80	+0.38	0.84	+0.46	28.94	+11.36
Hopewell	0.60	−0.01	0.07	−0.62	0.10	−0.86	5.20	+3.51	6.14	+3.44	1.94	−0.12	1.79	−0.65	0.49	−1.68	0.80	−0.60	1.34	+0.25	0.24	−0.35	1.05	+0.43	19.76	+2.74
Hot Springs	0.90	+0.16	0.20	−0.29	1.15	+0.23	3.52	+1.61	5.46	−2.41	7.00	+4.16	2.90	+0.74	3.26	+1.50	1.45	+0.04	1.33	−0.19	0.83	+0.16	0.56	−0.14	28.56	+10.38
Lead	0.58	−0.61	0.41	−0.62	1.28	−0.56	3.65	+0.44	4.17	+0.39	3.88	+0.48	2.67	−0.36	2.48	+0.14	2.04	0.00	1.04	−0.24	1.20	+0.15	1.15	+0.02	25.21	−0.77
Lemmon	0.50	−0.13	0.45	−0.62	0.35	−0.38	2.31	−1.18	6.42	+4.30	2.03	−1.62	1.39	−0.25	1.12	−0.28	1.10	−0.36	0.56	−0.17	0.52	−0.18	0.73	+0.12	17.48	+2.21
Ludlow	T.	.....	T.	.....	1.40	.....	5.30	.....	8.28	.....	2.65	.....	1.92	.....	0.42	.....	1.40	.....	0.49	.....	0.54	.....	.....	.....	.....	.....
McIntosh	0.20	−0.26	T.	−0.67	0.55	−0.41	1.95	+0.47	8.10	+5.70	2.90	−0.36	2.30	+0.34	2.20	+0.37	.....	.....	.....	.....	.....	.....	0.90	+0.32	.....	.....
McLaughlin	0.40	.....	0.46	.....	0.40	.....	1.81	.....	9.27	.....	1.92	.....	2.75	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.10	.....	.....	.....
Meadow	0.75	+0.41	0.10	−0.44	0.50	−0.73	4.30	+3.04	6.07	+3.66	1.87	−1.40	2.86	−0.04	0.67	−1.00	1.00	−0.22	0.35	−0.69	0.10	−0.20	1.10	+0.71	19.67	+3.10
Midland	0.49	.....	0.18	.....	1.71	.....	5.16	.....	6.64	.....	2.41	.....	3.06	.....	1.16	.....	0.24	.....	0.80	.....	0.50	.....	1.05	.....	23.39	.....
Mobridge	0.90	.....	0.60	.....	T.	.....	2.53	.....	6.11	.....	2.09	.....	3.64	.....	2.29	.....	2.50	.....	1.61	.....	0.10	.....	0.50	.....	22.87	.....
Mud Butte	0.50	.....	T.	.....	0.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Murdo	.....	.....	.....	.....	.....	.....	7.26	+5.13	6.90	+4.14	2.11	−0.88	2.87	+0.08	1.70	−0.14	1.72	+0.24	1.61	+0.41	0.30	−0.27	1.30	+0.68	.....	.....
Newell	0.36	.....	0.13	.....	1.14	.....	3.92	.....	6.96	.....	2.81	.....	4.26	.....	2.13	.....	1.17	.....	0.39	.....	0.63	.....	0.56	.....	24.46	.....
Oelrichs	0.10	−0.74	0.30	−0.61	1.20	−0.18	8.67	+6.51	4.94	+1.88	6.87	+3.58	4.48	+2.15	3.69	+2.31	1.05	−0.19	1.63	+0.34	1.24	+0.46	.....	.....	.....	.....
Onida	0.29	−0.16	0.40	−0.43	T.	−0.85	2.87	+0.78	4.32	+0.92	3.36	+0.19	1.60	−1.15	2.41	+0.21	0.53	−0.70	1.98	+1.02	0.16	−0.23	0.32	+0.07	18.24	−0.33
Orman	0.34	−0.05	0.12	−0.20	0.61	−0.14	3.93	+2.37	5.56	+2.89	2.77	+0.34	2.90	+0.47	2.15	+0.71	0.82	−0.70	0.19	−0.97	0.38	−0.06	0.62	+0.09	20.39	+4.75
Ottumwa	0.50	−0.13	0.18	−0.61	0.80	−0.09	3.63	+1.65	6.38	+3.20	2.72	+0.45	1.21	−0.79	1.27	−1.63	T.	−1.52	.....	.....	.....	.....	.....	.....	.....	.....
Pierre	0.30	−0.16	0.11	−0.33	0.93	−0.40	3.24	+1.26	5.15	−3.02	2.62	−0.46	0.97	−1.38	2.88	+0.87	0.60	−0.51	1.19	+0.38	0.37	−0.06	1.11	+0.61	19.47	+2.84
Pollock	0.33	−0.11	0.22	−0.24	2.23	+1.18	4.49	+2.19	5.53	+2.62	2.89	−0.70	2.75	+0.20	3.18	+1.07	1.80	+0.54	0.83	−0.27	1.01	+0.58	0.57	+0.11	25.86	+7.17
Rapid City	0.60	+0.03	0.20	−0.29	0.75	−0.27	2.79	+1.44	5.26	+3.40	2.17	−0.59	3.37	+1.21	2.49	+1.20	1.12	+0.30	0.30	−0.63	0.31	−0.25	0.90	+0.32	20.26	+5.87
Redig	0.80	−0.10	0.34	−0.47	1.04	−0.14	4.35	+2.23	5.06	+2.14	3.38	+0.44	3.50	+0.51	5.17	+2.94	1.88	+0.43	1.29	+0.09	1.21	+0.31	0.88	+0.06	28.90	+8.45
Rockford	0.06	.....	.....	.....	.....	.....	4.50	.....	.....	.....	2.68	.....	.....	.....	1.63	.....	0.65	.....	.....	.....	0.11	.....	0.59	.....	.....	.....
St. Francis	0.42	−0.31	0.50	−0.35	0.91	−0.64	3.73	+1.40	4.96	+1.58	2.30	−1.40	2.43	+0.12	3.43	+1.64	2.15	+0.62	1.24	−0.27	1.15	+0.36	0.79	−0.03	24.01	+2.72
Spearfish	0.30	−0.51	0.20	−0.68	1.05	−1.07	2.25	+0.62	6.48	+3.93	1.86	+1.06	2.18	−0.54	1.34	−0.12	1.29	+0.36	0.66	−0.46	T.	−0.48	2.94	+2.37	20.55	+2.36
Strool	0.49	.....	0.15	.....	0.37	.....	1.72	.....	6.81	.....	2.43	.....	4.27	.....	1.92	.....	.....	.....	0.64	.....	0.31	.....	0.31	.....	.....	.....
Timber Lake	0.32	−0.07	0.14	−0.18	1.06	+0.29	3.71	+2.15	6.20	+3.28	2.76	−0.33	2.18	−0.10	2.13	+0.43	1.95	−0.49	0.26	−1.18	0.71	+0.24	0.80	+0.29	21.57	+4.33
Vale	0.08	−0.46	0.02	−0.45	1.96	+1.19	6.65	+4.32	6.41	+3.08	1.88	−1.80	1.33	−1.77	1.40	−0.74	0.59	−0.88	1.54	+0.34	0.35	−0.33	0.71	+0.42	22.92	+2.92
Vivian	0.37	.....	T.	.....	2.13	.....	7.52	.....	5.80	.....	3.19	.....	2.00	.....	2.59	.....	0.66	.....	0.48	.....	0.40	.....	.....	.....	.....	.....
Wasta (near)	1.58	+0.79	0.35	−0.32	0.84	−0.46	4.46	+2.22	4.06	+1.52	3.47	+0.48	2.79	+0.31	2.90	+0.91	1.40	−0.74	1.74	+0.01	0.63	−0.20	1.18	+0.24	25.40	+4.76
Waters Ranch	0.14	−0.46	0.06	−0.78	2.29	+1.27	5.08	+2.50	3.51	+0.18	1.34	−1.80	2.14	−1.01	1.99	−0.72	1.27	−0.21	1.42	+0.17	0.71	−0.25	0.61	−0.07	20.59	−1.19
Wood	0.33	−0.28	0.32	−0.31	1.28	+0.20	4.38	+2.34	5.16	+1.86	2.77	−0.74	2.80	+0.04	2.24	−0.04	1.43	−0.28	0.93	−0.39	0.60	−0.04	0.97	+0.37	23.21	+2.73
For the State	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

† The mean departures from the normal precipitation are based only on records from stations that have 10 or more years of observation, but all complete reports are used in determining Section means. T. Precipitation is less than 0.01 inch rain or melted snow.

Monthly and Annual Precipitation for the Year 1928, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen ΔΔΔ	0.41	−0.42	0.34	−0.65	0.31	−1.40	1.59	−1.54	0.49	−3.11	2.92	−1.27	3.76	+0.56	3.85	+0.92	1.86	−0.52	1.89	+0.28	1.17	+0.19	0.60	−0.21	18.79	−7.19
Academy	0.00	−0.43	0.65	−0.01	1.15	+0.04	0.21	−2.24	1.84	−1.31	3.50	−0.64	0.68	−2.24	2.50	−0.40	0.51	−1.11	1.92	+0.48	1.36	+0.76	0.00	−0.78	14.52	−7.78
Alexandria	T.	−0.60	1.00	+0.37	1.00	−0.26	0.89	−1.90	1.49	−2.08	3.65	−0.69	2.35	−0.89	3.82	+1.24	3.12	+0.93	1.95	+0.28	1.36	+0.79	0.07	−0.82	20.70	−3.83
Arlington	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.08	.....	.....	.....	1.10	.....	0.17	.....	.....	.....
Armour	T.	−0.54	1.19	+0.45	.....	.....	0.63	−1.84	1.69	−1.74	3.08	−0.99	2.36	−0.76	3.50	+0.39	0.88	−1.09	3.07	+1.37	0.89	+0.10	0.20	−0.66	.....	.....
Ashton	0.04	.....	0.19	.....	0.11	.....	1.14	.....	0.69	.....	3.25	.....	2.64	.....	3.55	.....	1.17	.....	1.91	.....	1.02	.....	0.18	.....	15.69	.....
Bowdle	0.15	−0.31	0.29	−0.30	.....	.....	2.12	+0.34	0.28	−2.55	4.16	+0.18	4.55	+1.85	4.81	+1.89	1.12	−0.85	1.41	+0.32	1.50	+1.04	0.20	−0.27	.....	.....
Britton	0.28	−0.31	0.19	−0.65	0.30	−0.49	0.75	−1.27	0.98	−2.20	3.34	−0.70	3.76	+1.11	6.39	+4.17	2.42	+0.25	1.80	+0.64	0.78	−0.06	0.23	−0.29	21.22	+0.20
Brookings	0.09	−0.33	0.30	−0.18	0.44	−0.84	0.96	−1.14	0.53	−2.64	2.97	−1.06	2.69	+0.12	4.52	+1.82	1.37	−0.66	1.68	+0.29	0.78	+0.17	0.15	−0.34	16.48	−4.27
Canistota	0.01	.....	1.56	.....	0.76	.....	0.86	.....	2.38	.....	4.96	.....	3.99	.....	3.63	.....	1.75	.....	1.94	.....	1.57	.....	0.12	.....	23.53	.....
Canton	T.	−0.46	1.96	+1.43	1.78	+0.46	1.27	−1.14	2.37	−1.47	5.46	+0.77	2.48	−1.15	.....	.....	.....	.....	3.51	+1.83	0.90	−0.13	0.26	−0.41	.....	.....
Castlewood	0.21	−0.22	0.21	−0.28	0.34	−0.56	0.69	−1.73	0.54	−2.37	3.16	−1.31	6.31	+3.44	4.21	+1.80	1.81	−0.39	1.42	+0.10	0.74	−0.29	0.22	−0.10	19.86	−2.41
Centerville	0.15	−0.49	2.97	+2.18	1.57	+0.25	0.52	−1.55	2.62	−1.35	3.67	−0.58	1.68	−2.27	5.45	+2.40	1.27	−1.40	2.80	+1.19	0.50	−0.38	0.20	−0.61	23.40	−2.60
Clark	0.25	−0.44	0.48	−0.21	0.12	−1.12	0.79	−1.51	0.85	−2.28	3.00	−1.31	1.33	−1.75	5.90	+2.72	0.97	−1.55	2.23	+0.59	1.22	+0.30	0.21	−0.41	17.35	−6.97
Crow Creek	0.78	.....	1.67	.....	0.91	.....	0.42	.....	1.20	.....	3.40	.....	0.94	.....	1.83	.....	0.94	.....	1.29	.....	0.52	.....	0.21	.....	14.11	.....
De Smet	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.79	+0.19	2.58	+0.58	2.13	+0.47	1.54	+0.93	T.	−0.65	.....	.....
Eureka	0.86	+0.03	0.07	−0.42	0.12	−0.55	1.31	−0.23	0.11	−2.21	4.67	+1.68	3.68	+1.42	2.56	+0.38	3.30	+1.72	1.16	+0.21	0.52	+0.06	0.11	−0.33	17.85	+1.76
Fairfax	0.05	−0.45	1.25	+0.57	1.48	+0.51	0.10	−2.21	3.15	−0.57	2.57	−1.83	2.74	−0.74	1.02	−1.98	0.47	−1.27	2.25	+0.71	1.60	+1.07	T.	−0.62	16.63	−6.81
Faulkton	0.05	−0.39	T.	−0.71	0.06	−1.31	1.07	−1.59	0.37	−2.75	3.33	−0.11	2.48	+0.04	3.98	+1.61	0.81	−0.67	1.83	+0.66	1.30	+0.58	0.10	−0.36	15.38	−5.00
Flandreau	T.	−0.44	0.10	−0.42	0.98	−0.08	1.84	−1.18	1.49	−2.36	3.75	−0.35	1.94	−0.95	2.14	−0.84	2.53	+0.30	1.83	+0.24	1.24	+0.30	0.40	−0.19	17.74	−5.97
Forestburg	T.	−0.62	0.74	+0.06	0.35	−0.74	1.25	−1.18	0.97	−2.36	4.59	+0.57	6.08	+2.23	1.99	−0.29	2.13	+0.34	1.96	+0.56	1.68	+1.21	T.	−0.56	20.94	−0.78
Gannvalley	0.06	−0.50	0.45	−0.12	0.50	−0.32	0.96	−0.70	0.73	−2.34	3.57	−0.17	2.65	−0.80	1.54	−1.42	1.60	+0.06	1.98	+1.02	0.91	+0.21	0.05	−0.63	14.98	−5.71
Gregory	0.05	.....	0.29	.....	0.85	.....	0.39	.....	1.95	.....	4.06	.....	1.54	.....	2.21	.....	0.78	.....	1.65	.....	0.62	.....	0.02	.....	14.41	.....
Highmore	0.04	−0.34	0.22	−0.12	0.48	−0.61	1.11	−0.71	0.96	−1.76	2.94	−0.43	2.50	−0.19	2.82	+0.07	0.76	−0.76	1.66	+0.64	0.91	+0.39	0.09	−0.29	13.29	−4.01
Howard	0.02	−0.40	0.58	+0.06	0.36	−0.68	1.21	−0.97	1.31	−1.64	4.57	+0.63	3.67	+0.39	2.41	−0.32	3.57	+1.38	1.79	+0.10	1.11	+0.56	0.11	−0.41	20.71	−1.80
HURON	0.02	−0.54	0.59	+0.05	0.28	−0.63	1.27	−0.97	1.25	−1.73	6.50	+2.71	2.28	−0.88	2.14	−0.32	1.30	−0.27	1.28	0.00	1.07	+0.48	0.09	−0.48	18.07	−2.58
Ipswich	.....	.....	.....	.....	0.10	−0.93	1.62	−0.46	0.21	−3.42	3.64	+0.17	3.58	+1.06	3.11	+0.32	0.79	−0.91	1.31	+0.27	1.30	+0.79	0.07	−0.25	.....	.....
Kennebec	.....	.....	0.44	−0.14	0.95	+0.12	0.49	−1.49	2.13	−0.40	3.60	+0.39	0.79	−1.67	1.61	−0.56	1.01	−0.18	0.83	−0.14	1.04	+0.59	0.20	−0.84	.....	.....
La Delle	0.05	−0.52	0.75	+0.27	0.33	−0.73	0.83	−1.66	1.55	−2.26	4.59	−0.42	2.45	−1.00	.....	.....	1.33	−1.37	2.46	+0.51	1.78	+0.77	0.25	−0.29	.....	.....
Leola	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.19	.....	2.95	.....	1.21	.....	1.08	.....	0.04	.....	.....	.....
Marion	T.	−0.66	2.90	+1.82	1.36	−0.21	0.85	−1.57	3.13	−0.85	3.91	−0.96	2.49	−1.39	6.51	+3.47	1.53	−1.31	2.50	+0.63	2.29	+1.27	T.	−0.79	27.47	−0.55
Mellette	0.08	−0.47	0.20	−0.45	T.	−1.10	1.14	−1.06	0.49	−2.72	2.86	−0.50	2.90	+0.01	3.16	+1.10	1.35	−0.47	1.85	+0.49	1.33	+0.70	0.20	−0.24	15.56	−4.71
Menno	T.	−0.49	2.44	+1.69	1.24	+0.16	0.70	−1.48	2.43	−1.41	3.69	−0.65	1.52	−2.23	5.03	+5.18	1.36	−0.91	3.08	+1.35	2.29	+1.50	0.27	−0.45	27.05	+2.26
Milbank	0.50	−0.31	0.33	−0.56	0.15	−1.37	1.37	−1.00	.....	.....	3.01	−1.22	3.81	+1.27	4.30	+1.53	1.43	−0.55	2.43	+0.81	0.89	−0.08	0.10	−0.63	.....	.....
Miller	0.02	−0.33	0.29	−0.15	0.20	−0.59	0.93	−0.82	1.16	−2.04	2.38	−0.99	3.63	+1.13	2.07	−0.45	0.61	−0.82	1.99	+0.95	0.99	+0.45	0.04	−0.37	14.81	−4.03
Mitchell	0.02	−0.51	1.84	+0.62	1.30	+0.17	1.00	−1.69	0.84	−2.65	5.96	+1.65	2.72	−0.77	8.11	+0.40	1.28	−0.80	1.87	+0.22	1.35	+0.71	0.10	−0.47	20.89	−8.12
Onaka	0.00	−0.62	0.40	−0.55	0.30	−0.78	1.28	−1.40	0.33	−3.43	3.60	−0.30	4.98	+1.84	7.60	+4.96	0.95	−1.04	1.90	+0.79	1.25	+0.55	0.10	−0.34	22.69	−0.33
Parkston	T.	−1.00	1.36	+0.28	1.23	−0.41	0.56	−1.39	1.93	−1.21	2.77	−0.60	3.14	−0.19	6.59	+4.25	2.20	+0.20	2.79	+0.84	1.20	+0.62	0.08	−0.67	28.85	+0.72
Pukwana	T.	.....	0.86	.....	0.35	.....	0.37	.....	1.64	.....	3.55	.....	3.10	.....	2.65	.....	0.69	.....	1.51	.....	0.77	.....	0.05	.....	15.04	.....
Redfield	T.	−0.40	0.05	−0.58	0.05	−0.89	0.73	−1.28	0.54	−2.42	3.27	+0.03	3.77	+1.12	3.07	+0.30	1.02	−0.87	1.78	+0.57	1.01	+0.42	0.05	−0.44	15.34	−4.44
Sioux Falls	0.06	−0.56	1.33	+0.55	0.70	−0.34	0.71	−1.57	2.31	−1.63	6.97	+2.56	1.90	−1.48	5.61	+2.65	2.95	+0.62	2.28	+0.66	1.10	+0.09	0.31	−0.48	26.23	+0.87
Tyndall	0.04	−0.35	1.94	+1.42	1.36	+0.10	0.27	−2.31	2.25	−2.02	2.95	−0.79	1.29	−2.44	4.86	+1.49	2.14	+0.06	3.96	+1.92	1.63	−0.91	0.18	−0.48	22.87	−2.44
Vermillion	T.	−0.56	2.00	+1.11	1.76	+0.50	.....	.....	4.53	+1.64	3.59	−0.63	3.46	−0.27	1.77	−1.18	1.59	−1.69	5.42	+3.62	1.20	+0.19	0.17	−0.67	.....	.....
Victor	0.26	.....	0.31	.....	0.45	.....	1.57	.....	0.43	.....	6.25	.....	3.30	.....	6.20	.....	1.86	.....	2.07	.....	0.37	.....	0.45	.....	23.52	.....
Wagner	0.05	−0.92	2.54	+1.96	2.94	+1.58	0.52	−1.97	1.08	−2.30	2.54	−0.94	2.19	−0.63	2.65	+0.23	2.36	+0.48	2.78	+1.55	0.94	−0.11	0.12	−0.97	20.71	−2.04
Watertown	0.18	−0.37	0.38	−0.18	0.05	−0.81	0.61	−1.72	0.60	−2.51	2.38	−1.59	2.09	−0.90	4.41	+1.39	3.22	+1.20	1.58	+0.19	0.70	−0.05	0.26	−0.20	16.41	−5.55
Webster (near)	0.45	+0.05	0.48	+0.10	0.33	−0.47	1.11	−0.84	0.65	−2.08	2.87	−0.68	4.95	+2.02	5.71	+2.12	1.65	−0.96	2.34	+1.08	0.87	+0.20	0.44	+0.08	21.85	+0.57
Wentworth	0.53	+0.07	0.98	+0.46	0.67	−0.31	0.85	−1.43	1.42	−2.27	5.52	+1.22	1.84	−1.42	3.94	+1.00	2.62	+0.10	2.32	+0.72	1.60	+0.85	0.20	−0.25	22.49	+1.36
White Lake	T.	−0.43	0.75	−0.06	1.03	+0.25	0.66	−1.46	2.11	−0.72	4.35	+0.71	1.28	−1.36	3.49	+0.95	0.52	−1.40	1.68	+0.39	1.23	+0.51	0.06	−0.59	17.18	−3.21
Winner	0.03	.....	0.32	.....	1.59	.....	0.52	.....	2.57	.....	2.58	.....	1.39	.....	1.33	.....	1.09	.....	1.61	.....	1.09	.....	0.02	.....	14.14	.....
Yankton	0.02	−0.57	2.47	+1.67	1.43	+0.16	0.22	−2.60	3.63	−0.23	3.50	−0.27	2.22	−1.19	2.22	−0.79	1.42	−1.31	3.08	+1.70	1.44	+0.61	0.10	−0.74	21.75	−3.50
Western Division																										
Ardmore	0.23	−0.24	0.28	−0.20	0.49	−0.17	0.27	−1.70	1.52	−1.81	3.67	+0.58	3.68	+1.60	0.76	−0.65	0.30	−0.86	0.55	−0.54	0.14	−0.33	0.16	−0.50	12.00	−4.82
Bellefourche	0.25	−0.12	0.08	−0.33	0.76	−0.09	0.71	−0.66	2.09	−0.14	3.98	+1.61	3.00	+0.96	0.91	−0.55	1.65	+0.19	0.45	−0.58	1.23	+0.75	0.04	−0.48	15.10	+0.56
Belvidere	0.12	.....	0.10	.....	1.31	.....	0.62	.....	2.16	.....	2.43	.....	3.43	.....	0.79	.....	0.52	.....	2.36	.....	0.91	.....	0.20	.....	14.95	.....
Camp Crook	0.50	−0.02	0.00	−0.40	0.80	−0.22	0.22	−0.81	0.75	−1.56	3.42	+0.65	3.38	+1.58	1.45	+0.12	1.55	+0.46	0.55	−0.15	0.15	−0.24	T.	−0.36	12.77	−0.95
Cedar View	0.01	.....	0.13	.....	2.61	.....	0.63	.....	2.05	.....	2.91	.....	3.19	.....	1.07	.....	0.96	.....	2.25	.....	0.50	.....	0.02	.....	16.33	.....
Cottonwood	0.03	−0.36	0.18	−0.26	0.86	+0.49	0.35	−1.35	1.14	−1.68	3.85	+1.89	3.11	+0.67	0.94	−0.88	1.66	+0.34	1.19	+0.81	0.77	+0.33	0.04	−0.40	14.06	−1.40
Custer	0.17	−0.25	0.04	−0.56	0.66	−0.10	0.24	−1.80	2.40	−0.20	4.88	+2.20	5.59	+2.45	1.24	−1.16	1.99	+0.53	0.10	−1.19	0.42	−0.21	0.18	−0.24	17.91	−0.50
Deerfield	0.44	−0.23	0.26	−0.18	0.70	−0.01	0.63	−1.09	3.50	+1.16	4.71	+1.67	5.37	+2.14	0.72	−1.45	1.84	+0.29	0.40	−0.81	0.68	+0.07	0.48	−0.02	19.89	+1.70
Dowling	T.	−0.72	0.05	−0.52	0.49	−0.47	0.60	−1.02	1.45	−1.64	6.10	+2.85	1.42	−1.29	1.50	−0.95	1.49	−0.01	0.78	−0.40	0.40	−0.44	0.10	−0.52	14.28	−5.13
Dumont	0.73	−0.58	1.17	−0.18	1.57	−0.20	2.92	+0.28	2.99	+0.15	4.37	+1.10	4.17	+0.83	1.40	−0.69	2.52	+0.68	0.46	−1.16	0.72	−0.28	0.58	−0.81	28.60	−1.16
Dupree	0.34	.....	0.10	.....	1.44	.....	0.92	.....	0.73	.....	5.62	.....	3.37	.....	1.97	.....	3.01	.....	0.47	.....	0.38	.....	T.	.....	18.35	.....
Eales	0.18	−0.47	0.10	−0.72	0.33	−0.56	0.76	−0.78	0.44	−2.07	4.31	+1.41	2.80	+0.13	2.62	+0.82	0.40	−0.87	1.18	+0.04	1.20	+0.72	0.25	−0.28	14.57	−2.63
Elm Springs (near)	T.	.....	T.	.....	0.25	.....	0.80	.....	1.40	.....	4.37	.....	1.00	.....	1.58	.....	1.20	.....	0.10	.....	.....	.....	.....	.....	.....	.....
Faith	0.17	.....	0.16	.....	0.96	.....	0.50	.....	0.82	.....	5.71	.....	2.26	.....	0.93	.....	1.35	.....	0.25	.....	0.58	.....	0.13	.....	13.81	.....
Glenham	0.40	.....	0.11	.....	0.07	.....	0.68	.....	0.27	.....	3.97	.....	3.22	.....	2.39	.....	0.63	.....	0.88	.....	1.06	.....	0.22	.....	13.90	.....
Hardy Ranger Station	1.50	−0.31	1.30	+0.34	0.85	−0.67	1.49	−0.75	1.26	−1.22	3.76	+1.02	2.74	+0.40	1.16	−0.82	2.36	+0.50	0.75	−1.14	0.75	−0.25	0.80	−0.61	18.72	−3.51
Harveys Ranch	1.15	−0.44	1.30	−0.03	1.45	−0.20	1.65	−1.00	1.90	−1.19	6.15	+3.16	3.23	−0.28	1.65	−0.57	3.80	+2.32	0.45	−0.92	1.10	0.00	0.55	−0.55	24.28	+0.80
Hermosa	0.05	−0.32	0.00	−0.38	0.33	−0.46	0.31	−1.46	2.93	−0.52	5.78	+2.34	2.95	+0.59	1.97	−0.06	1.72	+0.46	0.11	−0.81	0.56	+0.14	0.34	−0.04	17.06	−0.52
Hopewell	0.20	−0.41	0.08	−0.61	0.68	−0.28	0.84	−0.85	1.41	−1.29	2.76	+0.70	2.59	+0.15	1.92	−0.25	0.86	−0.54	1.60	+0.61	0.61	+0.02	0.09	−0.58	18.64	−3.38
Hot Springs	0.30	−0.44	0.40	−0.09	0.90	−0.02	1.20	−0.71	1.59	−1.46	3.22	+0.87	4.16	+2.00	1.03	−0.73	1.06	−0.35	0.10	−1.42	0.45	−0.22	0.40	−0.29	14.81	−3.36
Lead	0.58	−0.61	0.65	−0.48	1.09	−0.75	1.67	−1.54	3.23	−0.55	6.47	+3.07	3.10	−0.07	2.10	−0.24	2.37	+0.33	0.97	−0.91	1.22	+0.11	0.53	−0.60	23.88	−2.10
Lemmon	0.24	−0.39	0.15	−0.32	0.60	−0.13	0.80	−0.33	0.99	−1.13	5.36	+1.71	2.71	+1.07	2.71	+1.31	1.72	+0.26	0.42	−0.31	0.00	−0.70	.....	.....	.....	.....
Ludlow	0.15	.....	T.	.....	0.60	.....	0.31	.....	0.65	.....	5.01	.....	4.94	.....	1.70	.....	1.85	.....	0.34	.....	0.02	.....	T.	.....	15.57	.....
McIntosh	0.18	−0.28	T.	−0.67	0.65	−0.31	0.80	−0.68	0.85	−1.55	7.80	+4.64	.....	.....	3.55	+1.72	.....	.....	.....	.....	0.10	−0.52	T.	−0.58	.....	.....
McLaughlin	0.20	.....	0.10	.....	T.	.....	1.01	.....	0.87	.....	5.76	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.11	.....	0.15	.....	.....	.....
Meadow	0.05	−0.29	T.	−0.54	0.70	−0.53	0.50	−0.76	.....	.....	5.45	+2.18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	−0.89	.....	.....
Midland	0.08	.....	0.04	.....	0.84	.....	0.43	.....	1.78	.....	2.73	.....	1.54	.....	0.92	.....	0.46	.....	2.40	.....	.....	.....	.....	.....	.....	.....
Mobridge	0.40	.....	0.10	.....	0.17	.....	1.00	.....	0.36	.....	4.98	.....	3.58	.....	1.92	.....	0.60	.....	1.12	.....	1.09	.....	0.15	.....	15.47	.....
Murdo	0.08	−0.35	0.05	−0.56	1.02	+0.12	1.38	−0.75	3.41	+0.65	2.96	−0.01	2.27	−0.52	1.00	−0.84	0.73	−0.75	2.70	+1.30	1.09	+0.62	0.11	−0.61	16.82	−1.70
Newell	0.16	.....	0.07	.....	0.79	.....	0.35	.....	1.81	.....	3.38	.....	4.89	.....	1.44	.....	1.65	.....	0.80	.....	0.57	.....	0.04	.....	15.95	.....
Oelrichs	0.80	−0.04	0.20	−0.71	1.45	+0.07	0.32	−1.84	2.62	−0.44	4.43	+1.14	2.54	+0.21	0.20	−1.18	0.55	−0.69	.....	.....	1.10	+0.82	0.60	−0.19	.....	.....
Onida	0.04	−0.41	.....	.....	0.50	−0.35	0.61	−1.48	0.80	−2.60	4.37	+1.20	5.49	+2.74	1.89	−0.31	0.33	−0.90	1.93	+0.97	1.05	+0.66	T.	−0.25	.....	.....
Orman	0.30	−0.09	0.10	−0.22	0.55	−0.20	0.34	−1.22	0.85	−1.82	3.49	+1.06	2.48	+0.05	0.90	−0.54	1.33	−0.19	0.78	−0.43	0.77	+0.33	0.05	−0.48	11.89	−3.75
Ottumwa	0.00	−0.63	0.00	−0.79	0.75	−0.14	.....	.....	.....	.....	2.56	+0.29	0.74	−1.26	3.13	+0.23	0.01	−1.51	1.13	+0.09	0.55	−0.11	0.40	−0.26	.....	.....
Pierre	0.14	−0.32	0.06	−0.36	0.97	−0.36	0.99	−0.99	1.30	−0.83	2.18	−0.90	3.22	+0.87	1.70	−0.31	0.41	−0.70	2.29	+1.48	0.62	+0.19	0.19	−0.81	14.09	−2.54
Pollock	0.42	−0.04	0.10	−0.43	0.09	−0.72	0.99	−0.63	0.25	−1.89	4.05	+0.76	3.12	+0.78	2.96	+1.18	3.13	+1.40	0.43	−0.71	1.46	+0.93	0.10	−0.35	17.10	+0.28
Rapid City	0.18	−0.26	0.22	−0.26	0.69	−0.16	0.92	−1.38	1.94	−0.97	6.15	+2.56	2.80	+0.25	0.42	−1.69	1.72	+0.46	0.68	−0.42	0.78	+0.32	0.10	−0.86	16.80	−1.91
Redig	0.58	+0.01	0.15	−0.34	1.10	+0.08	0.92	−0.43	0.96	−0.90	3.38	+0.62	2.59	−0.43	2.43	+1.14	3.31	+2.49	0.67	−0.26	0.90	+0.84	T.	−0.58	16.99	+2.60
Rochford	0.58	−0.32	1.30	+0.49	0.86	−0.32	1.07	−1.04	3.28	+0.36	5.04	+2.10	3.39	+0.40	1.12	−1.11	2.22	+0.77	0.65	−0.55	1.02	+0.12	0.55	−0.27	21.08	+0.63
St. Francis	T.	.....	0.02	.....	.....	.....	0.27	.....	1.95	.....	8.61	.....	2.90	.....	1.89	.....	0.66	.....	2.74	.....	0.30	.....	0.14	.....	.....	.....
Spearfish	0.50	−0.23	0.12	−0.78	0.82	−0.73	2.30	−0.03	2.78	−0.65	3.84	+0.14	3.80	+0.99	1.03	−0.76	1.44	−0.09	1.48	−0.03	2.04	+1.25	0.28	−0.54	19.88	−1.41
Stroel	0.53	−0.28	0.39	−0.49	1.90	−0.22	0.34	−1.29	0.61	−1.94	3.56	+0.64	2.85	+0.13	1.93	+0.47	4.99	+4.06	0.21	−0.91	0.12	−0.86	T.	−0.57	17.48	−0.76
Timber Lake	0.39	.....	0.03	.....	0.30	.....	1.33	.....	0.64	.....	7.58	.....	3.04	.....	2.06	.....	0.92	.....	0.48	.....	0.77	.....	0.12	.....	17.66	.....
Vale	0.17	−0.22	0.05	−0.27	0.86	+0.09	0.68	−0.88	1.60	−1.32	8.90	+0.81	4.14	+1.91	0.05	−0.75	1.13	−0.71	0.47	−0.97	1.14	+0.67	0.07	−0.44	15.16	−2.08
Vivian	T.	−0.54	0.16	−0.31	0.92	+0.15	0.17	−2.16	2.44	−0.89	4.70	+1.02	1.26	−1.84	0.55	−1.59	0.71	−0.76	1.74	+0.54	0.78	+0.10	0.07	−0.22	13.50	−5.50
Wasta (near)	0.20	.....	0.00	.....	0.21	.....	0.12	.....	1.17	.....	5.75	.....	1.94	.....	0.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waters Ranch	0.46	−0.33	0.50	−0.17	0.93	−0.37	2.07	−0.17	2.26	−0.28	3.88	+0.89	4.58	+2.10	1.52	−0.47	1.83	−0.31	0.58	−1.15	0.37	−0.46	0.16	−0.78	19.14	−1.50
Wood	0.07	−0.54	0.13	−0.71	0.83	−0.19	0.38	−2.20	1.58	−1.78	2.80	−0.84	1.61	−1.54	1.84	−0.87	0.56	−0.92	1.16	−0.09	1.21	+0.25	0.05	−0.63	12.22	−0.56
For the State	0.21	−0.39	0.55	−0.02	0.77	−0.30	0.85	−1.21	1.53	−1.50	4.09	+0.48	2.03	+0.12	2.62	+0.40	1.55	−0.15	1.58	+0.29	0.96	+0.32	0.17	−0.44	17.81	−2.40

ΔΔΔ The normal precipitation for Aberdeen appears to be too high excepting for the months of August and September.

Monthly and Annual Precipitation for the Year 1929, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen ^aaa	2.04	+1.21	0.77	−0.22	1.10	−0.61	2.82	−0.81	2.62	−1.08	0.07	−4.12	8.26	+0.06	0.94	−1.99	2.18	+0.10	2.87	+1.26	1.85	+0.87	0.67	−0.14	20.49	−5.47
Academy	.....	.....	0.90	+0.24	1.27	+0.16	2.22	−0.23	3.00	−0.15	3.38	−0.66	3.47	+0.35	0.28	−2.62	2.39	+0.77	3.95	+2.51	1.00	+0.40	0.00	−0.78	.....	.....
Alexandria	0.67	+0.07	0.63	0.00	0.91	−0.35	2.92	+0.13	3.09	−0.48	4.66	+0.52	4.35	+1.11	1.33	−1.25	5.31	+3.12	1.40	−0.27	0.53	−0.04	0.12	−0.47	25.12	+2.09
Arlington	0.61	.....	0.71	.....	1.42	.....	4.89	.....	1.71	.....	1.47	.....	3.30	.....	1.69	.....	5.76	.....	2.54	.....	0.85	.....	0.19	.....	24.64	.....
Armour	1.50	+0.96	0.80	+0.06	1.98	+0.73	4.57	+2.10	3.83	+0.40	2.73	−1.34	1.86	−1.25	0.93	−2.18	3.70	+1.73	2.73	+1.03	0.69	−0.10	0.10	−0.75	25.42	+1.39
Ashton	1.46	.....	0.41	.....	1.90	.....	2.90	.....	2.08	.....	0.24	.....	1.18	.....	2.48	.....	2.82	.....	2.64	.....	0.29	.....	0.16	.....	18.56	.....
Bowdle	2.20	+1.74	0.80	+0.39	2.01	+0.63	2.41	+0.63	2.25	−0.58	1.45	−2.53	1.64	−1.06	0.53	−2.39	1.86	+0.39	3.62	+2.53	0.26	−0.20	0.60	+0.03	19.53	−0.51
Britton	0.98	+0.39	0.34	−0.50	0.35	−0.44	1.40	−0.02	1.03	−2.15	0.75	−3.29	4.17	+1.52	1.19	−1.03	1.60	−0.57	2.90	+1.74	0.22	−0.62	0.38	−0.84	15.11	−5.91
Brookings	0.96	+0.54	0.45	−0.03	0.68	−0.10	3.32	+1.22	2.11	−1.06	1.12	−2.90	3.25	+0.68	2.33	−0.37	4.80	+2.78	2.41	+1.02	0.04	−0.57	0.07	−0.42	21.54	+0.79
Canistota	1.16	.....	1.05	.....	0.97	.....	3.20	.....	4.66	.....	2.14	.....	2.46	.....	2.53	.....	6.01	.....	2.84	.....	0.36	.....	0.21	.....	27.14	.....
Canton	1.00	+0.55	1.05	+0.53	0.52	−0.81	3.28	+0.87	4.37	+0.53	3.59	−1.10	3.20	−0.43	1.74	−0.96	6.77	+4.64	2.48	+0.80	T.	−1.68	0.18	−0.48	28.18	+3.09
Castlewood	1.06	+0.63	0.57	+0.08	1.03	+0.13	2.51	+0.09	1.50	−1.41	1.81	−3.16	6.35	+3.48	2.46	−0.45	3.98	+1.78	1.82	+0.50	0.29	−0.74	0.17	−0.15	23.05	+0.78
Centerville	0.45	−0.19	0.30	−0.54	0.50	−0.82	2.58	+0.51	2.63	−1.31	3.44	−0.81	2.84	−1.11	1.60	−1.39	3.95	+1.28	2.28	+0.67	0.17	−0.71	0.10	−0.71	20.84	−5.16
Clark	2.05	+1.36	0.70	+0.01	2.06	+0.82	2.70	+0.40	1.34	−1.79	1.03	−3.28	1.63	−1.65	1.95	−1.83	3.48	+0.96	2.62	+0.98	0.71	−0.21	0.26	−0.87	19.82	−4.60
Crow Creek	1.50	.....	0.65	.....	2.78	.....	1.79	.....	.....	.....	.....	.....	.....	.....	0.57	.....	2.96	.....	.....	.....	.....	.....	.....	.....	.....	.....
De Smet	3.00	+2.48	1.00	+0.38	1.58	+0.54	.....	.....	.....	.....	.....	.....	3.58	+0.64	.....	.....	5.72	+3.72	2.12	+0.46	.....	.....	.....	.....	.....	.....
Eureka	0.61	+0.28	0.24	−0.25	0.36	−0.31	1.16	−0.36	1.67	−0.75	0.77	−2.12	2.42	+0.16	0.70	−1.48	1.55	−0.03	2.57	+1.03	0.17	−0.29	0.10	−0.52	21.61	−1.88
Fairfax	0.40	−0.10	0.30	−0.38	0.90	−0.02	3.54	+1.23	1.80	−1.92	4.31	−0.09	1.24	−2.24	0.88	−2.12	4.38	+2.64	3.04	+1.50	0.72	+0.19	0.10	−0.52	14.90	−6.48
Faulkton	1.58	+1.14	0.20	−0.51	2.33	+0.96	2.58	−0.08	1.29	−1.83	0.50	−2.94	1.10	−1.34	0.64	−1.83	1.75	+0.27	2.78	+1.56	0.10	−0.62	0.20	−0.26	14.90	−6.48
Flandreau	0.73	+0.29	1.10	+0.58	0.33	−0.73	3.39	+0.87	2.53	−1.32	1.23	−2.87	3.98	+1.09	1.85	−1.13	5.11	+2.88	2.58	+0.99	0.15	−0.79	0.07	−0.52	28.05	−0.66
Forestburg	1.19	+0.57	0.21	−0.47	1.85	+0.76	2.73	+0.30	1.44	−1.89	1.45	−2.57	2.91	+0.06	0.77	−1.51	6.47	+4.68	1.79	+0.39	0.50	−0.17	T.	−0.56	21.81	−0.41
Gannvalley	1.70	+1.15	0.54	−0.03	2.11	+1.29	2.01	+0.36	2.67	−0.40	1.49	−2.25	2.46	−0.99	0.58	−2.38	3.15	+1.61	2.36	+1.40	0.35	−0.35	0.00	−0.68	19.42	−1.27
Gregory	0.29	.....	0.40	.....	1.22	.....	3.50	.....	2.78	.....	4.71	.....	1.24	.....	0.96	.....	2.67	.....	3.96	.....	0.60	.....	0.08	.....	22.41	.....
Highmore	0.67	+0.29	0.22	−0.12	1.75	+0.76	2.76	+0.94	1.89	−0.83	1.71	−1.66	0.69	−2.00	1.55	−0.70	1.76	+0.24	3.08	+2.06	0.33	−0.19	0.05	−0.33	18.46	−1.54
Howard	1.37	+0.95	1.44	+0.92	1.22	+0.18	3.33	+1.15	1.86	−1.59	1.44	−2.50	4.47	+1.19	1.10	−1.63	5.35	+3.16	1.92	+0.28	0.52	−0.03	0.08	−0.49	23.55	+1.54
HURON	1.60	+0.94	0.51	−0.03	1.50	+0.59	3.41	+1.17	1.17	−1.81	0.89	−2.90	1.69	−1.47	1.99	−0.47	2.79	+1.22	1.62	+0.34	0.86	−0.23	0.08	−0.49	17.51	−3.14
Ipswich	1.01	+0.60	0.33	−0.19	0.58	−0.45	2.13	+0.05	1.45	−2.18	T.	−3.47	1.78	−0.79	0.52	−2.27	2.86	+0.66	3.33	+2.29	0.06	−0.43	0.20	−0.12	13.72	−6.80
Kennebec	1.16	+0.64	0.60	+0.02	2.07	+1.24	1.90	−0.08	1.50	−1.03	1.87	−1.34	0.85	−1.61	0.58	−1.49	2.94	+1.75	4.46	+3.49	0.70	+0.25	0.25	−0.20	18.87	+1.55
La Delle	1.49	+0.92	0.80	+0.32	2.19	+1.18	3.38	+0.89	0.97	−2.84	0.81	−4.20	1.45	−2.00	2.12	−1.49	2.62	−0.08	2.58	+0.63	0.79	−0.22	0.80	−0.24	19.60	−7.18
Leola	0.28	.....	0.48	.....	0.76	.....	1.78	.....	1.45	.....	0.54	.....	3.77	.....	0.92	.....	2.25	.....	3.14	.....	0.12	.....	0.69	.....	16.18	.....
Marion	0.61	−0.05	1.10	+0.02	2.13	+0.56	3.29	+0.87	5.58	+1.60	2.26	−2.61	4.63	+0.66	2.64	−0.50	7.36	+4.62	3.07	+1.20	0.30	−0.72	0.14	−0.65	33.91	+4.89
Mellette	2.95	+2.40	1.47	+0.82	2.03	+0.93	3.46	+1.26	2.10	−1.11	0.46	−2.90	1.42	−1.47	1.33	−0.73	2.87	−0.55	1.94	+0.58	0.80	−0.33	0.40	−0.04	20.03	−0.04
Menno	1.45	+0.96	1.58	+0.83	1.55	+0.47	3.10	+0.92	3.75	−0.09	3.03	−1.31	2.16	−1.59	1.08	−1.77	7.39	+5.12	1.88	+0.16	0.73	−0.06	0.88	−0.34	28.08	+8.29
Milbank	1.81	+1.00	1.37	+0.48	1.48	−0.04	3.07	+0.70	2.02	−1.13	0.61	−3.62	4.91	+2.37	1.66	−1.21	4.20	+2.22	2.30	+0.68	0.26	−0.72	0.40	+0.07	24.38	+0.80
Miller **	0.63	+0.28	0.40	−0.04	1.28	+0.49	2.38	+0.63	2.51	−0.69	1.20	−2.17	1.30	−1.20	0.50	−2.02	2.75	+1.32	2.04	+1.00	0.17	−0.37	0.10	−0.81	15.26	−8.08
Mitchell	0.62	+0.09	0.89	+0.17	1.26	+0.13	3.07	+0.38	2.03	−1.46	2.59	−1.72	6.66	+3.17	1.33	−1.38	5.28	+3.20	2.56	+0.91	0.48	−0.16	0.10	−0.47	26.87	+2.86
Onaka	1.45	+0.83	0.80	−0.55	2.59	+1.51	2.01	−0.67	1.00	−2.76	0.63	−3.27	0.77	−2.37	0.90	−1.75	2.50	+0.51	2.58	+1.47	0.50	−0.20	0.25	−0.19	15.48	−7.54
Parkston	0.66	−0.34	0.47	−0.61	1.63	−0.01	2.81	+0.86	3.27	+0.13	2.65	−0.72	1.67	−1.76	1.22	−1.12	5.47	+3.47	1.94	−0.01	0.52	−0.06	0.07	−0.68	22.28	−0.65
Pukwana	0.70	.....	0.42	.....	1.34	.....	1.51	.....	1.88	.....	1.60	.....	2.22	.....	0.51	.....	4.00	.....	3.26	.....	0.40	.....	0.02	.....	17.80	.....
Redfield	1.20	+0.80	0.25	−0.38	1.85	+0.91	1.89	−0.12	1.41	−1.52	0.99	−2.25	1.51	−1.14	0.97	−1.80	2.90	+1.01	2.52	+1.31	1.04	+0.45	0.56	+0.07	17.12	−2.66
Sioux Falls	1.68	+1.06	1.36	+0.68	0.78	−0.26	4.57	+1.99	3.68	−0.26	2.10	−2.31	6.41	+3.03	1.19	−1.77	8.28	+5.95	3.48	+1.86	0.50	−0.51	0.06	−0.73	34.09	+8.78
Tyndall	1.05	+0.66	0.67	+0.16	1.46	+0.20	3.02	+0.44	3.62	−0.65	4.59	+0.85	2.18	−1.55	1.47	−1.90	5.85	+3.77	3.21	+1.17	0.64	−0.08	0.19	−0.42	27.95	+2.64
Vermilion	0.55	−0.00	0.78	−0.11	1.22	−0.04	4.15	+1.49	2.63	−0.26	.....	.....	.....	.....	.....	.....	2.93	−0.35	1.58	−0.22	0.36	−0.55	0.16	−0.68	.....	.....
Victor	0.78	.....	0.29	.....	0.84	.....	2.77	.....	2.48	.....	1.15	.....	3.00	.....	0.87	.....	2.59	.....	2.66	.....	0.61	.....	0.40	.....	18.42	.....
Wagner	1.10	+0.13	0.90	+0.32	1.50	+0.14	3.84	+1.35	4.58	+1.48	4.33	+0.85	3.58	+0.76	1.01	−1.41	6.52	+4.64	3.41	+2.18	0.80	−0.26	0.10	−0.99	31.95	+0.20
Watertown	0.85	+0.30	0.45	−0.11	0.93	+0.07	2.31	−0.02	1.35	−1.76	1.27	−2.65	2.77	−0.22	1.01	−1.11	3.17	+1.15	2.10	+0.71	0.45	−0.30	0.20	−0.26	17.76	−4.20
Webster (near)	0.90	+0.50	0.55	+0.17	0.79	−0.01	1.90	−0.06	2.47	−0.26	0.61	−2.94	5.62	+2.69	1.24	−2.35	2.56	−0.05	1.68	+0.42	0.40	−0.27	0.60	+0.19	19.82	−1.06
Wentworth	0.93	+0.47	1.00	+0.48	1.58	+0.60	4.55	+2.27	2.86	−0.83	1.69	−2.61	4.58	+1.32	3.58	+0.64	5.35	+2.83	2.78	+1.18	0.17	−0.68	0.62	+0.07	29.69	+5.84
Wessington	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.70	.....	2.94	.....	2.24	.....	0.28	.....	0.11	.....	.....	.....
White Lake	0.78	+0.30	0.64	−0.17	1.00	+0.22	2.62	+0.50	1.85	−0.98	2.27	−1.37	4.55	+1.91	0.51	−2.03	3.29	+1.37	3.28	+1.99	0.26	−0.46	0.02	−0.65	21.02	+0.63
Winner	0.64	.....	0.58	.....	2.20	.....	3.87	.....	1.84	.....	3.83	.....	1.55	.....	2.46	.....	2.66	.....	4.61	.....	.....	.....	.....	.....	.....	.....
Yankton	0.55	−0.04	0.63	−0.17	0.79	−0.48	3.20	+0.38	4.94	+1.06	3.11	−0.66	2.78	−0.67	1.68	−1.33	4.57	+1.84	2.70	+1.32	0.33	−0.50	0.14	−0.70	25.87	+0.07
Western Division																										
Ardmore	0.09	−0.38	0.17	−0.31	1.31	+0.65	1.41	−0.56	2.18	−1.16	2.21	−0.88	2.90	+0.87	1.49	+0.06	2.71	+1.55	0.74	−0.35	0.29	−0.27	0.06	−0.61	15.46	−1.86
Belle Fourche	0.51	+0.14	0.41	+0.05	2.11	+1.29	1.81	+0.44	4.29	+2.06	2.11	−0.26	1.77	−0.27	2.06	+0.60	2.61	+1.16	1.24	+0.21	0.35	−0.18	0.08	+0.44	19.35	+4.81
Belvidere	0.60	.....	0.51	.....	3.29	.....	4.64	.....	1.96	.....	2.44	.....	1.09	.....	3.60	.....	1.91	.....	4.06	.....	0.64	.....	0.80	.....	25.04	.....
Camp Crook	0.40	−0.12	0.80	+0.40	2.10	+1.08	0.10	−0.93	5.18	+2.87	2.35	−0.42	1.00	−0.80	0.44	−0.89	2.04	+0.95	1.60	+0.90	1.42	+1.03	0.40	+0.04	17.83	+4.11
Cedar View	0.32	.....	0.39	.....	1.82	.....	2.37	.....	1.85	.....	1.91	.....	2.65	.....	1.02	.....	1.52	.....	3.84	.....	0.81	.....	0.07	.....	18.57	.....
Cottonwood	0.46	+0.07	0.04	−0.35	2.08	+2.31	2.61	+0.81	2.20	−0.62	3.56	+1.10	1.74	−0.70	0.89	−0.93	1.44	+0.13	1.48	+0.55	0.90	+0.46	0.80	−0.14	18.15	+2.69
Custer	0.55	+0.13	0.66	+0.06	1.54	+0.78	1.55	−0.49	8.49	+6.09	2.64	−0.14	6.24	+3.13	2.70	+0.30	2.93	+1.47	0.88	−0.41	0.16	−0.47	0.09	−0.83	28.83	+4.92
Deerfield	0.68	+0.01	1.14	+0.70	2.41	+1.70	2.11	+0.39	4.53	+2.19	5.82	+2.78	3.69	+0.46	2.03	−0.14	3.21	+1.66	0.70	−0.51	0.98	+0.37	0.23	−0.27	27.64	+0.84
Dowling	0.25	−0.47	0.38	−0.19	2.40	+1.44	1.44	−0.18	1.79	−1.39	2.09	−1.16	.....	.....	0.78	−1.67	1.35	−0.15	1.16	−0.02	0.87	−0.47	0.03	−0.69	.....	.....
Dumont	0.86	−0.76	1.90	+0.65	2.99	+1.22	2.01	−0.63	2.48	−0.36	1.59	−1.68	2.00	−1.34	1.72	−0.37	1.69	−0.15	1.01	−0.61	3.34	+2.34	0.50	−0.89	22.09	−2.67
Dupree	1.78	.....	1.29	.....	1.94	.....	1.83	.....	1.55	.....	1.20	.....	1.10	.....	0.03	.....	1.69	.....	0.96	.....	1.11	.....	0.43	.....	14.71	.....
Eales	0.78	+0.13	0.20	−0.62	1.27	+0.38	1.95	+0.41	3.01	+0.50	1.00	−1.90	2.17	−0.50	1.74	−0.06	1.66	+0.29	2.36	+1.22	0.41	−0.07	0.12	+0.41	16.57	−0.63
Faith	0.52	.....	0.74	.....	2.08	.....	1.37	.....	1.52	.....	2.11	.....	1.24	.....	0.04	.....	3.95	.....	1.31	.....	0.96	.....	0.10	.....	15.94	.....
Glenham	0.75	.....	0.20	.....	1.43	.....	0.84	.....	1.08	.....	1.72	.....	0.51	.....	0.99	.....	1.59	.....	1.41	.....	0.88	.....	0.10	.....	11.09	.....
Hardy Ranger Station	0.96	−0.86	2.00	+1.04	1.81	+0.29	1.78	−0.46	4.26	+1.78	2.45	−0.29	1.41	−0.93	1.77	−0.21	2.77	+0.91	1.66	−0.28	2.10	+1.10	1.09	−0.82	24.06	+1.82
Harveys Ranch	2.10	+0.51	2.20	+0.87	4.25	+2.60	2.67	+0.02	4.36	+1.27	6.92	+2.98	4.25	+0.74	3.45	+1.33	2.55	+1.07	2.05	+0.68	0.85	+1.95	0.85	−0.75	37.20	+18.22
Hermosa	0.29	−0.08	0.86	−0.02	1.53	+0.74	2.56	+0.79	2.67	−0.78	4.74	+1.30	4.94	+2.57	2.43	+0.40	2.52	+1.26	1.82	+0.90	0.34	−0.08	0.26	−0.12	23.46	−6.58
Hopewell	1.12	+0.51	0.42	−0.37	1.47	+0.51	3.12	+1.43	2.57	−0.13	1.20	−0.80	0.45	−1.99	0.12	−2.05	1.31	−0.09	2.33	+1.24	1.14	+0.55	0.10	−0.52	15.11	−1.01
Hot Springs	1.00	+0.26	1.00	+0.51	1.40	+0.48	1.60	−0.31	1.92	−1.13	3.16	+0.31	3.36	+1.20	2.55	+0.78	2.47	+1.06	1.48	−0.04	0.75	−0.08	0.18	−0.54	20.84	+2.67
Lead	0.84	−0.35	1.15	+0.12	2.53	+0.99	3.38	+0.17	4.66	+0.88	2.23	−1.17	4.45	+1.42	1.84	−0.50	2.44	+0.40	1.55	−0.23	2.01	+0.90	0.57	−0.56	28.05	+2.07
Lemmon	0.90	+0.27	0.20	−0.27	3.00	+2.27	0.73	−0.40	2.12	−0.00	2.32	−1.33	0.81	−0.83	0.61	−0.79	1.62	+0.16	1.76	+1.03	.....	.....	0.70	+0.09	.....	.....
Ludlow	0.30	.....	0.16	.....	1.46	.....	0.38	.....	8.98	.....	1.09	.....	0.83	.....	0.50	.....	2.16	.....	1.41	.....	0.16	.....	0.65	.....	13.07	.....
McIntosh	1.15	+0.69	0.20	−0.47	2.25	+1.29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.20	+0.59	3.50	+2.61	0.05	−0.57	0.40	−0.18	.....	.....
McLaughlin	1.10	.....	0.60	.....	3.22	.....	1.77	.....	1.61	.....	1.08	.....	0.43	.....	0.42	.....	1.99	.....	2.74	.....	.....	.....	0.20	.....	.....	.....
Mobridge	0.65	.....	0.20	.....	3.78	.....	1.53	.....	1.16	.....	1.51	.....	1.01	.....	1.79	.....	2.11	.....	2.30	.....	0.50	.....	0.20	.....	16.60	.....
Murdo	0.95	+0.52	0.92	+0.31	1.79	+0.83	3.05	+0.92	2.29	−0.47	3.48	+0.49	1.12	−1.67	1.72	+0.34	2.34	+0.86	5.31	+3.91	0.70	+0.13	0.35	−0.27	23.96	+6.44
Newell	0.19	.....	0.47	.....	2.00	.....	1.36	.....	4.45	.....	3.05	.....	3.23	.....	0.82	.....	4.01	.....	2.25	.....	0.41	.....	0.11	.....	22.35	.....
Oelrichs	1.50	−0.68	0.56	−0.36	3.80	+2.42	2.40	+0.24	2.62	−0.44	8.23	−0.06	3.27	+0.94	2.40	+1.02	3.79	+2.55	1.47	+0.18	0.83	+0.05	0.10	−0.69	25.96	+6.51
Onida	0.23	−0.22	0.27	−0.56	1.54	+0.69	2.93	+0.84	1.26	−2.14	1.76	−1.41	0.97	−1.78	2.92	+0.72	2.20	+0.97	2.52	+1.56	0.20	−0.19	.....	.....	.....	.....
Orman	.....	.....	0.51	+0.19	1.73	+0.98	1.24	−0.32	3.78	+1.11	1.12	−1.31	1.44	−0.99	1.18	−0.26	2.91	+1.39	1.79	+0.57	0.47	+0.03	0.32	−0.41	.....	.....
Ottumwa	0.40	−0.23	.....	.....	1.45	+0.56	1.39	−0.59	1.20	−1.98	1.15	−1.12	1.29	−0.71	0.07	−2.83	0.94	−0.58	2.14	+1.10	0.63	−0.03	.....	.....	.....	.....
Pierre	0.95	+0.49	0.59	+0.15	1.28	+0.42	3.17	+1.36	1.66	−0.83	1.83	−1.13	0.79	−1.89	0.68	−1.41	1.28	+0.18	2.92	+2.10	0.68	+0.11	0.08	−0.42	15.81	−0.8
Pollock	1.50	+1.04	0.20	−0.33	1.20	+0.39	0.53	−1.09	1.25	−0.89	1.30	−1.99	0.92	−1.42	0.82	−0.96	2.87	+1.14	2.45	+1.31	0.51	−0.02	0.30	−0.15	13.85	−2.9
Rapid City	0.44	−0.01	0.49	+0.01	2.69	+1.72	3.48	+1.45	4.21	+0.65	3.83	+0.50	3.53	+1.14	1.29	−0.41	1.80	+0.00	1.73	+0.79	0.71	+0.22	0.24	−0.20	24.44	+6.4
Redig	0.70	+0.13	0.80	+0.31	3.25	+2.23	0.80	−0.55	4.07	+2.21	1.35	−1.41	0.75	−1.41	0.39	−0.90	2.63	+1.81	1.84	+0.91	1.15	+0.59	0.12	−0.46	17.85	+3.4
Rochford	0.94	+0.04	1.01	+0.20	2.03	+0.85	2.93	+0.82	4.27	+1.35	4.08	+1.14	3.61	+0.62	3.72	+1.49	3.28	+1.83	1.75	+0.55	1.61	+0.71	0.39	−0.43	29.62	+9.1
St. Francis	0.16	.....	0.27	.....	1.67	.....	2.41	.....	2.85	.....	2.90	.....	1.39	.....	0.98	.....	2.18	.....	2.39	.....	.....	.....	.....	.....	.....	.....
Spearfish	1.53	+0.80	1.10	+0.25	2.92	+1.37	3.46	+1.13	5.25	+1.67	2.04	−1.66	.....	.....	1.81	−0.48	3.22	+1.69	2.07	+0.56	1.23	+0.44	0.32	−0.50	.....	.....
Strool	0.79	−0.02	0.10	−0.78	2.84	+0.72	0.85	−0.78	4.88	+2.33	1.85	−1.57	0.51	−2.21	0.12	−1.34	2.34	+1.41	1.95	+0.83	0.20	−0.28	1.00	+0.43	16.93	−1.2
Timber Lake	0.62	.....	0.23	.....	1.68	.....	2.09	.....	1.25	.....	1.94	.....	8.10	.....	0.41	.....	2.31	.....	1.84	.....	0.32	.....	0.11	.....	15.90	.....
Vale	0.48	+0.09	0.54	+0.22	3.33	+2.56	1.96	+0.40	4.18	+1.21	1.24	−1.85	2.09	−0.14	1.67	−0.03	3.67	+1.83	2.06	+0.62	0.88	−0.09	0.12	−0.39	21.67	+4.4
Vivian	0.75	+0.21	1.04	+0.57	1.29	+0.52	4.17	+1.84	2.01	−1.32	2.27	−1.41	0.37	−2.73	0.42	−1.72	2.33	+0.86	5.59	+4.39	0.57	−0.11	0.13	−0.16	20.94	+0.9
Waters Ranch	0.58	−0.21	0.93	+0.26	4.18	+2.88	0.84	−1.40	8.70	+1.16	2.59	−0.40	1.84	−1.14	1.27	−0.72	4.47	+2.33	2.16	+0.43	0.85	+0.02	0.22	−0.72	23.13	+2.4
Wood	0.33	−0.28	0.47	−0.37	1.49	+0.47	2.60	+0.02	2.62	−0.74	8.74	+0.60	2.11	−1.04	2.42	−0.29	2.28	+0.80	3.32	+2.07	0.61	−0.35	0.08	−0.60	22.07	+0.2
For the State	0.95	+0.40	0.66	+0.04	1.78	+0.67	2.49	+0.40	2.63	−0.37	2.12	−1.85	2.47	−0.21	1.35	−0.98	3.22	+1.53	2.41	+1.02	0.61	−0.06	0.24	−0.38	20.93	+0.7

^aaa The normal precipitation for Aberdeen appears to be too high excepting for the months of August and September.

Monthly and Annual Precipitation for the Year 1930, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen ΔΔΔ	0.45	−0.38	0.99	0.00	0.66	−1.06	1.79	−1.34	3.24	−0.36	2.44	−1.75	0.85	−2.35	6.18	+3.20	1.09	−0.99	2.52	+0.91	1.30	+0.32	0.03	−0.68	21.49	−4.77
Academy	0.30	−0.13	0.40	−0.26	0.35	−0.76	2.69	+0.24	2.02	−1.13	4.85	+0.81	1.03	−2.09	4.00	+1.10	1.12	−0.66	2.29	+0.85	1.70	+1.10	0.00	−0.78	20.75	−1.55
Alexandria	0.68	+0.08	0.28	−0.35	0.11	−1.15	2.54	−0.25	2.74	−0.83	2.42	−1.92	0.37	−2.87	2.72	+0.14	1.62	−0.57	1.49	−0.18	1.63	+1.06	0.09	−0.50	16.69	−7.34
Arlington	0.83		0.47		0.52		2.26		$2.56		3.28		0.00		3.34		2.28		1.46		2.17		0.03		‖19.20	
Armour	0.42	−0.12	0.20	−0.54	0.32	−0.93	2.07	−0.40	2.74	−0.69	2.55	−1.52	0.16	−2.95	1.92	−1.19	1.27	−0.70	1.69	−0.01	2.21	+1.42	0.18	−0.67	15.78	−8.80
Ashton	0.38		1.25		0.87		1.89		4.00		2.15		1.69		3.23		2.38		3.03		1.65		0.04		22.06	
Bowdle	0.45	−0.01	1.59	+1.09	T.	−1.38	1.74	−0.04	3.56	+0.73	3.39	−0.59	0.79	−1.91	3.97	+1.66	0.76	−0.71	2.08	+0.99	0.44	−0.02	0.15	−0.82	18.92	−1.12
Britton	0.22	−0.37	0.63	−0.21	0.08	−0.71	1.54	−0.48	2.90	−0.28	8.05	−6.99	1.98	−0.67	1.76	−0.46	1.10	−1.07	1.49	+0.33	1.66	+0.82	0.09	−0.43	16.50	−4.52
Brookings	0.42	0.00	0.40	−0.08	0.25	−0.53	1.25	−0.85	2.04	−1.13	1.65	−2.34	0.27	−2.30	1.50	−1.20	3.38	+1.36	1.84	+0.45	2.01	+1.40	0.10	−0.39	15.14	−5.61
Canistota	1.05		0.72		0.35		2.33		4.41		3.84		0.11		2.37		2.56		2.04		1.82		0.28		21.88	
Canton	0.86	+0.41	0.10	−0.42	T.	−1.33	2.30	−0.11	4.99	+1.15	4.93	+0.24	0.50	−3.13	$2.41	−0.31	2.90	+0.77	2.26	+0.58	1.21	+0.18	T.	−0.66	‖22.46	−2.63
Castlewood	0.70	+0.27	0.47	−0.02	0 33	−0.57	2.04	−0.38	2.39	−0.52	4.17	−0.39	0.74	−2.13	1.91	−1.00	3.52	+1.32	0.93	−0.39	1.67	+0.64	0.06	−0.26	18.93	−3.34
Centerville	1.00	+0.36	0.20	−0.64	0.10	−1.22	1.68	−0.39	4.03	+0.06	4 42	+0.17	0.50	−3.45	1.21	−1.78	1.74	−0.93	2.04	+0.43	2.58	+1.70	0.25	−0.56	19.75	−6.25
Clark	0.90	+0.21	1.61	+0.92	0.35	−0.89	1.60	−0.70	4.52	+1.39	4.53	+0.22	0.81	−2.27	2.35	−0.83	2.30	−0.22	1.92	+0.28	1.71	−0.79	0.16	−0.46	22.76	−1.56
De Smet	$0.70	+0.18	0.40	−0.22	0.92	−0.12	$2.24	+0.12	$3.06	+0.05	2.28	−1.92	0.14	−2.80	0.90	−1.70	1.26	−0.74	2.03	+0.37	1.58	−0.97	0.13	−0.52	‖15.64	−6.33
Eureka	0.11	−0.22	1.08	+0.59	T	−0.67	1.43	−0.11	2.66	+0.34	1.00	−1.89	1.06	−1.20	3.94	+1.76	0.74	−0.84	1.97	−1.03	0.63	−0.17	0.18	−0.25	14.80	−1.29
Fairfax	0.30	−0.20	0.20	−0.48	0.40	−0.52	3.45	+1.14	1.98	−1.74	2.93	−1.47	0.00	−3.48	1.70	−1.30	1.00	−0.74	2.79	+2.25	1.05	+0.52	0.10	−0.52	16.90	−7.54
Faulkton	0.27	−0.17	0.96	+0.25	0.05	−1.32	2.36	−0.30	3.30	+0.18	1.88	−1.56	0.46	−1.98	2.77	+0.40	0.58	−0.90	1.91	+0.74	1.25	+0.53	T.	−0.46	15.79	−4.69
Flandreau	0.68	+0.24	0.15	−0.37	0.36	−0.70	1.36	−1.16	3.18	−0.72	2.71	−1.59	0.08	−2.81	1.90	−0.47	5.01	+2.78	2.20	+0.61	2.60	+1.66	$0.08	−0.51	‖20.26	−3.45
Forestburg	0.41	−0.21	0.39	−0.29	0.30	−0.79	1.56	−0.87	3.19	−0.14	2.43	−1.59	0.06	−2.79	5.86	+3.58	1.49	−0.30	1.33	−0.07	1.67	+1.00	T	−0.56	18.69	−3.08
Gannvalley	0.20	−0.35	0.20	−0.37	0.70	−0.12	2.53	+0.88	2.95	−0.12	2.67	−1.07	2.37	−1.08	4.07	+1.11	1.56	+0.02	4.15	+3.19	1.17	+0.47	T.	−0.68	22.57	+1.83
Gregory	0.31		0.15		0.20		3.76		3.39		3.70		0.78		2.60		0.30		3.86		1.79		0.04		20.88	
Highmore	0.17	−0.21	1.36	+1.02	0.74	−0.25	2.90	+1.08	4.37	+1.65	2.48	−0.89	0.55	−2.14	2.45	+0.20	0.74	−0.78	2.69	+1.67	0.81	+0.29	T.	−0.38	19.26	+1.26
Howard	0.80	+0.38	0.54	+0.02	0.55	−0.49	2.93	+0.75	1.74	−1.21	2.77	−1.17	0.07	−3.21	1.96	−0.77	4.63	+2.44	1.92	+0.23	1.37	+0.82	0.27	−0.25	19.55	−2.46
HURON	0.40	−0.16	1.24	+0.70	0.69	−0.22	1.74	−0.50	4.48	+1.50	1.71	−2.08	1.15	−2.01	3.58	+1.12	1.34	−0.23	3.61	+2.33	1.52	+0.93	0.01	−0.56	21.47	+0.82
Ipswich	0.15	−0.26	0.74	+0.22	T.	−1.03	2.23	+0.15	3.47	−0.16	$2.24	−1.23	$0.62	−1.90	$5.13	+2.34	0.61	−1.09	2.34	+1.30	0.69	+0.18	T.	−0.32	‖18.22	−1.80
Kennebec	0.40	−0.11	0.74	+0.16	0.79	−0.04	2.94	+0.96	2.54	+0.01	3.64	+0.43	0.61	−1.85	3.12	+1.05	1.32	+0.13	2.70	+1.73	0.92	+0.47	0.08	−0.46	19.80	+2.48
La Delle	0.75	+0.18	1.59	+1.11	0.86	−0.20	2.03	−0.46	4.00	+0.19	2.72	−2.29	0.94	−2.61	$3.22	−0.39	T.	−2.70	3.10	+1.15	1.26	+0.25	0.00	−0.54	‖20.47	−6.21
Leola	0.37		1.17		0.00		1.95		2.65		2.47		0.34		5.57		0.69		2.60		0.56		0.01		18.38	
Marion	0.53	−0.13	0.31	−0.77	0.05	−1.52	2.61	+0.19	3.09	−0.89	4.76	−0.11	0.92	−2.96	2.37	−0.67	2.78	−0.06	2.46	+0.59	1.77	+0.75	0.18	−0.61	21.83	−6.19
Mellette	0.30	−0.25	1.87	+1.22	0.55	−0.55	2.14	−0.06	3.37	+0.16	2.52	−0.84	1.05	−1.84	3.09	+1.03	1.32	−0.50	3.21	+1.85	1.50	+0.87	0.20	−0.24	21.12	−0.85
Menno	1.85	+1.36	0.61	−0.14	0.60	−0.48	3.23	+1.05	2.38	−1.46	2.20	−2.14	0.10	−3.65	4.90	+2.05	1.59	−0.68	2.49	+0.76	2.06	+1.27	0.51	−0.21	22.52	−2.27
Milbank	0.65	−0.16	1.08	+0.19	0.12	−1.40	0.90	−1.47	2.65	−0.50	2.81	−1.42	4.64	+2.10	1.66	−1.11	1.14	−0.84	1.48	−0.14	2.46	+1.48	T.	−0.73	19.58	−4.00
Miller **	0.21	−0.14	0.77	+0.33	0.22	−0.57	2.16	+0.41	4.05	+0.85	3.20	−0.17	0.73	−1.77	3.32	+0.80	1.93	+0.50	1.78	+0.74	1.40	+0.86	0.02	−0.39	19.79	+1.45
Mitchell	0.70	+0.17	0.27	−0.45	0.22	−0.91	1.71	−0.98	4.07	+0.58	2.55	−1.79	0.28	−3.21	3.61	+0.90	2.33	+0.25	1.65	0.00	1.92	+1.28	0.05	−0.62	19.36	−4.68
Onaka	0.40	−0.22	1.03	+0.08	0.20	−0.88	2.28	−0.40	2.96	−0.80	0.66	−3.24	0.49	−2.65	4.84	+2.19	0.50	−1.49	3.32	+2.21	$0.80	+0.10	$0.03	−0.41	‖17.61	−5.61
Parkston	0.61	−0.39	0.61	−0.47	0.34	−1.30	2.41	+0.46	2.74	−0.40	3.58	+0.21	0.07	−3.26	6.08	+3.74	1.89	−0.11	1.35	−0.60	1.99	+1.41	0.28	−0.52	21.90	−1.23
Pukwana	0.28		0.30		0.44		2.64		2.44		2.33		1.32		1.70		1.05		3.13		1.78		0.01		17.42	
Redfield	0.45	+0.05	1 37	+0.74	0.28	−0.66	2.00	−0.01	5.04	+2.08	1.43	−1.81	0.33	−2.32	3.61	+0.84	1.29	−0.60	4.78	+3.57	1.50	+0.91	0.09	−0.40	22.17	+2.39
Sioux Falls	0.72	+0.10	0.47	−0.21	0.01	−1.03	2.93	+0.35	4.41	+0.47	5.19	+0.78	0.27	−3.11	1.37	−1.59	2.68	+0.35	2.81	+1.19	2.80	+1.79	0.10	−0.69	23.76	−1.60
Tyndall	0.89	+0.50	0.43	−0.09	0.34	−0.92	3.00	+0.42	4.63	+0.36	3.45	−0.29	0.24	−3.49	2.73	−0.64	1.65	−0.43	1.96	−0.08	2.34	+1.62	0.16	−0.45	21.82	−3.49
Vermilion	0.90	+0.34	0.30	−0.59	0.10	−1.16	2.30	−0.56	5.79	+2.90	3.82	−0.40	0.02	−3.71	3.31	+0.36	2.01	−1.27	1.10	−0.70	2.59	+1.58	0.15	−0.69	22.39	−3.70
Victor	0.36		1.07		0.19		1.25		3.93		1.71		3.38		1.99		1.90		0.72		2.18		0.11		18.79	
Wagner	1.37	+0.40	0.75	+0.17	0.38	−0.98	4.24	+1.75	3.39	+0.01	1.81	−1.67	T.	−2.82	2.69	+0.27	1.24	−0.64	2.37	+1.14	1.80	+0.75	0.20	−0.89	20.24	−2.61
Watertown	0.54	−0.01	0.68	+0.07	0.17	−0.69	0.94	−1.39	2.93	−0.18	3.42	−0.50	0.88	−2.11	1.54	−1.48	1.28	−0.74	1.09	−0.30	2.13	+1.38	0.02	−0.44	15.57	−6.39
Webster (near)	0.60	+0.20	0.41	+0.03	0.15	−0.65	1.17	−0.78	2.23	−0.60	4.60	+1.05	2.75	−0.18	2.53	−1.06	0.29	−2.32	1.25	−0.01	1.32	+0.65	0.05	−0.36	17.35	−3.93
Wentworth	0.90	+0.44	0.40	−0.12	0.23	−0.75	1.13	−1.16	2.77	−0.92	3.49	−0.81									1.98	+1.23	0.12	−0.43		
Wessington	0.27		0.85		0.33		2.36		3.61		1.47		0.25		3.86		2.54		2.29		1.70		T.		19.63	
White Lake	0.37	−0.06	0.50	−0.31	0.16	−0.62	2.31	+0.19	2.22	−0.61	5.27	+1.63	0.79	−1.65	0.97	−1.57	0.52	−1.40	2.08	+0.79	1.75	+1.03	T.	−0.67	16.94	−3.45
Winner																			3.67		1.31		T.			
Yankton	0.88	+0.29	0.24	−0.56	0.41	−0.86	3.08	+0.26	3.55	−0.31	1.73	−2.04	0.16	−3.24	1.96	−1.05	1.03	−1.70	1.29	−0.09	1.84	+1.01	0.11	−0.73	16.28	−9.02
Western Division																										
Ardmore	0.36	−0.11	0.18	−0.80	0.37	−0.29	1.93	−0.04	2.89	−0.44	1.24	−1.85	0.79	−1.33	3.01	+1.60	1.10	−0.06	3.58	+2.49	0.34	−0.13	0.01	−0.65	15.71	−1.11
Bellefourche	0.14	−0.23	0.08	−0.28	0.28	−0.67	1.41	+0.04	0.93	−1.30	3.81	+1.44	3.06	+1.02	0.37	−1.09	0.08	−1.38	1.22	+0.19	0.48	0.00	0.37	−0.15	12.23	−2.31
Belvidere	0.20		1.23		0.92		2.33		2.40		0.76		0.91		5.24		1.79		2.00		1.20		0.16		19.14	
Camp Crook	0.25	−0.27	1.01	+0.61	0.38	−0.64	0.79	−0.24	1.52	−0.79	6.17	+3.40	1.68	−0.12	1.64	+0.21	1.13	+0.04	1.16	+0.46	0.40	+0.01	0.30	−0.06	16.33	+2.61
Cedar View	0.34		0.79		1.06		2.82		2.97		0.73		0.62		3.29		1.06		1.64		1.40		0.24		16.36	
Cottonwood	0.55	+0.16	0.64	+0.26	0.61	+0.24	3.59	+1.89	1.86	−0.97	0.94	−1.52	0.99	−1.45	7.82	+6.00	1.20	−0.11	3.98	+3.10	0.85	+0.41	0.06	−0.39	23.07	+7.61
Custer	0.54	+0.12	0.21	−0.39	0.64	−0.12	1.65	−0.39	3.28	+0.68	1.18	−1.50	5.59	+2.48	3.27	+0.87	1.08	−0.38	3.68	+2.89	0.58	−0.06	0.00	−0.42	21.70	+3.29
Deerfield	0.34	−0.33	0.21	−0.28	0.72	+0.01	2.28	+0.56	2.14	−0.20	2.21	−0.88	3.28	+0.05	3.52	+1.35	1.68	+0.13	2.25	+1.04	0.48	−0.13	0.05	−0.45	19.16	+0.97
Dowling	0.13	−0.59	1.60	+1.03	0.12	−0.84	3.14	+1.52	1.97	−1.12	0.49	−2.76	0.17	−2.54	8.24	+5.79	0.15	−1.35	2.04	+0.86	0.12	−0.72	0.07	−0.55	18.24	−1.27
Dumont	1.00	−0.61	0.84	−0.51	3.20	+1.43	0.95	−1.69	1.11	−1.73	0.91	−2.36	1.02	−2.32	2.76	+0.67	0.37	−1.47	0.81	−0.81	0.79	−0.21	1.55	+0.16	15.31	−9.45
Dupree	1.19		2.13		0.33		3.02		2.98		2.08		0.43		1.46		0.19		2.30		2.15		0.08		18.34	
Eales	0.25	−0.40	1.15	+0.33	0.08	−0.81	1.35	−0.19	3.69	+1.18	1.24	−1.66	0.39	−2.28	2.72	+0.92	0.44	−0.83	1.19	+0.05	1.06	+0.58	0.02	−0.51	13.58	−8.62
Faith	0.79		0.76		0.41		2.65		$2.12		$1.94		T.		1.16		0.57		2.34		$0.78		T.		‖13.43	
Glenham	0.19		1.17		T.		2.08		1.96		1.88		0.72		2.28		1.29		1.71		0.69		0.11		13.98	
Hardy Ranger Station	1.01	−0.80	1.12	+0.16	3.20	+1.68	1.11	−1.13	1.67	−0.81	1.41	−1.33	0.70	−1.64	1.10	−0.88	0.92	−0.94	0.40	−1.49	0.51	−0.49	1.97	+0.56	15.12	−7.11
Harveys Ranch	0.76	−0.84	0.46	−0.88	2.70	+1.05	0.40	−2.25	3.10	+0.01	3.54	+0.55	1.93	−1.58	1.95	−0.17	0.75	−0.73	2.33	+0.96	0.80	−0.30	1.15	+0.05	19.85	−4.13
Hermosa	0.44	+0.07	0.42	+0.04	0.39	−0.40	2.66	+0.89	1.77	−1.68	3.42	−0.02	1.81	−0.56	2.07	+0.04										
Hopewell	0.09	−0.52	1.60	+0.91	$0.24	−0.72	2.93	+1.24	2.26	−0.44	1.44	−0.62	0.52	−1.92	$4.20	+2.03	0.27	−1.13	1.77	+0.68	1.18	+0.59	0.01	−0.61	‖16.51	−0.51
Hot Springs	1.25	+0.51	0.35	−0.14	1.10	+0.18	2.51	+0.60	2.89	−0.16	1.40	−1.45	2.39	+0.23	4.05	+2.29	1.15	−0.26	3.16	+1.64	1.00	+0.33	0.00	−0.69	21.25	+3.08
Lead	0.69	−0.50	0.47	−0.56	1.94	+0.10	0.98	−2.23	2.12	−1.66	2.71	−0.69	1.37	−1.66	1.36	−0.98	1.05	−0.97	2.96	+1.08	0.79	−0.32	1.03	−0.10	17.49	−8.49
Lemmon	0.60	−0.03	0.98	+0.51	T.	−0.73	2.65	+1.52	2.53	+0.41	1.81	−1.84	0.28	−1.36	0.79	−0.61	0.77	−0.69	2.89	+2.07	0.60	−0.10	0.10	−0.51	13.91	−1.36
Ludlow	0.55		0.17		T.		1.03		1.11		2.99		0.90		3.07		0.69		1.89		0.13		0.20		12.63	
McIntosh							3.50	+2.02					0.20	−1.76												
McLaughlin	0.60		1.57		$0.20		2.35		2.01		0.78		0.18		2.12		$0.65		$0.62		1.50		T.		‖13.58	
Mobridge	0.15		2.60		0.33		2.26		3.62		3.23		0.39		3.56		1.25		2.17		0.75		0.00		20.31	
Murdo	1.00	+0.57	1.71	+1.10	1.05	+0.15	3.20	+1.07	2.88	+0.12	1.61	−1.38	0.75	−2.04	4.42	+2.58	0.76	−0.73	2.15	+0.75	1.40	+0.83	T.	−0.62	20.92	+2.40
Newell	0.28		0.10		0.52		1.62		2.09		2.18		1.23		1.53		0.31		1.46		0.62		0.27		12.11	
Oelrichs	1.00	+0.16	0.85	−0.06	0.55	−0.83	2.92	+0.76	3.37	+0.31	1.85	−1.44	1.98	−0.35	1.88	+0.50	2.32	+1.08	4.11	+2.82	0.55	−0.23	0.20	−0.59	21.58	+2.13
Onida	T.	−0.45	0.98	+0.15	0.27	−0.58	3.03	+0.94	3.78	+0.38	2.44	−0.73	0.57	−2.19	1.10	−1.10	0.29	−0.94	1.92	+0.96	0.56	+0.17	T.	−0.25	14.94	−3.63
Orman	0.40	+0.01	0.02	−0.30	0.28	−0.47	0.61	−0.95	1.12	−1.55	2.37	−0.06	0.79	−1.64	0.92	−0.52	T.	−1.52	1.31	+0.15	0.45	+0.01	0.43	−0.10	8.70	−6.94
Ottumwa	T.	−0.63	0.70	−0.09	T.	−0.89	1.80	−0.18	1.42	−1.76	0.26	−2.01	0.57	−1.43	4.39	+1.49	0.09	−1.43	1.89	+0.85	1.00	+0.34	T.	−0.66	12.12	−6.40
Pierre	0.26	−0.18	1.32	+0.86	0.49	−0.37	3.68	+1.87	1.67	−0.82	1.34	−1.62	0.69	−1.99	2.61	+0.52	0.25	−0.85	2.34	+1.52	1.01	+0.54	0.02	−0.48	15.70	−1.00
Pollock	0.30	−0.16	1.07	+0.54	T.	−0.81	2.33	+0.71	2.15	+0.01	1.46	−1.83	0.41	−1.93	2.95	+1.17	0.24	−1.49	2.32	+1.18	0.95	+0.42	0.20	−0.25	14.38	−2.44
Rapid City	0.64	+0.19	0.18	−0.80	0.97	0.00	1.67	−0.36	0.92	−2.64	2.16	−1.17	0.92	−1.47	0.96	−0.74	0.76	−0.44	3.58	+2.64	0.77	+0.28	0.21	−0.23	13.74	−4.24
Redig	0.40	−0.17	0.32	−0.17	0.23	−0.79	1.06	−0.29	1.30	−0.56	1.58	−1.18	0.92	−1.24	2.81	+1.52	0.42	−0.40	1.20	+0.27	0.65	+0.09	0.45	−0.18	11.84	−3.05
Rockford	0.85	−0.05	0.28	−0.53	1.51	+0.33	1.78	−0.33	2.18	−0.74	1.66	−1.28	2.65	−0.34	1.87	−0.36	1.29	−0.16	2.11	+0.91	0.77	−0.13	0.30	−0.52	17.25	−3.20
St. Francis	$0.51		$0.72		$0.77		4.13		9.26		1.39		1.87		1.22		1.83		1.80		0.11				‖24.86	
Spearfish	0.81	+0.08	0.19	−0.66	1.54	−0.01	1.65	−0.68	1.85	−1.53	3.92	+0.22	2.04	−0.27	0.62	−1.17	0.49	−1.04	2.25	+0.74	0.57	−0.22	0.36	−0.46	16.29	−5.00
Strool[near]	0.30	−0.51	0.60	−0.28	T.	−2.12	1.57	−0.06	1.44	−1.11	2.98	+0.06	0.74	−1.98	1.85	+0.39	1.14	+0.21	1.49	+0.37	0.25	−0.23	0.15	−0.42	12.21	−5.68
Timber Lake	0.09		0.70		0.26		2.84		3.14		3.12		0.78		2.95		0.46		1.98		0.87		T.		17.19	
Vale	0.88	−0.01	0.35	+0.03	0.73	−0.04	1.33	−0.23	1.30	−1.62	5.52	+2.43	0.69	−1.54	2.30	+0.60	0.05	−1.79	2.69	+0.65	0.52	+0.06	0.32	−0.19	16.58	−1.66
Vivian	0.19	−0.35	1.00	+0.53	0.45	−0.32	4.38	+2.05	3.52	+0.19	2.17	−1.51	0.38	−2.72	4.71	+2.57	2.49	+1.02	2.71	+1.51	1.80	+1.12	T.	−0.29	23.80	+3.80
Waters Ranch	0.69	−0.10	0.15	−0.52	1.19	−0.11	0.98	−1.26	1.29	−1.25	4.98	+1.89	1.57	−0.91	0.18	−1.81	0.10	−2.04	2.43	+0.70	0.47	−0.36	0.44	−0.50	14.37	−6.37
Wood	0.41	−0.20	0.66	−0.18	0.22	−0.80	4.71	+2.13	3.88	+0.52	3.49	+0.36	0.91	−2.24	1.59	−1.12	0.81	−0.67	2.66	+1.41	1.65	+0.69	T.	−0.68	20.99	−0.79
For the State	0.58	−0.06	0.73	+0.02	0.50	−0.55	2.20	+0.04	2.89	−0.30	2.60	−0.84	0.94	−1.85	2.81	+0.43	1.24	−0.53	2.21	+0.87	1.28	+0.55	0.17	−0.44	18.10	−2.66

ΔΔΔ The normal precipitation for Aberdeen appears to be too high excepting for the months of August and September.

APR 1931 DIVISION WATER RIGHTS Pierre, SD

Monthly and Annual Precipitation for the Year 1931, with Departures from the Normal

Stations.	January. Precipitation.	January. Departure.	February. Precipitation.	February. Departure.	March. Precipitation.	March. Departure.	April. Precipitation.	April. Departure.	May. Precipitation.	May. Departure.	June. Precipitation.	June. Departure.	July. Precipitation.	July. Departure.	August. Precipitation.	August. Departure.	September Precipitation.	September Departure.	October. Precipitation.	October. Departure.	November Precipitation.	November Departure.	December Precipitation.	December Departure.	Annual. Precipitation.	Annual. Departure.
Eastern Division																										
Aberdeen ΔΔΔ	0.04	−0.78	0.50	−0.42	1.45	−0.11	1.07	−0.91	1.74	−1.70	5.21	+1.16	1.56	−1.62	1.96	−1.02	0.48	−1.57	1.81	+0.14	1.32	+0.35	1.70	+0.93	18.84	−6.55
Academy	0.20	−0.20	0.23	−0.38	1.62	+0.54	0.69	−1.70	2.17	−0.85	4.92	+1.03	1.31	−1.62	0.83	−1.96	1.46	−0.20	1.51	0.00	0.72	+0.08	0.53	−0.12	16.19	−5.38
Alexandria	0.14	−0.46	0.09	−0.49	0.99	−0.17	0.91	−1.82	1.44	−1.95	2.98	−1.29	0.86	−2.24	1.45	−1.12	2.27	+0.04	1.53	−0.07	1.49	+0.86	1.09	+0.55	15.24	−8.16
Arlington	0.03	......	0.32	......	1.48	......	1.15	......	1.44	......	1.95	......	1.79	......	2.43	......	1.77	......	1.79	......	0.98	......	2.10	......	17.28	......
Armour	T.	−0.55	0.35	−0.32	0.45	−0.72	0.69	−1.71	1.58	−1.71	3.48	−0.49	1.97	−0.90	5.63	+2.70	2.53	+0.56	2.55	+0.84	0.98	+0.18	1.41	+0.64	21.62	−1.48
Ashton	0.12	......	0.47	......	1.39	......	1.41	......	3.80	......	2.49	......	0.64	......	0.38	......	1.13	......	2.17	......	1.30	......	2.61	......	17.91	......
Bowdle	0.10	−0.43	0.45	−0.06	1.55	+0.38	1.09	−0.77	3.31	+0.55	2.79	−1.03	0.83	−1.74	2.21	−0.67	0.74	−0.84	1.17	−0.13	0.70	+0.23	1.00	+0.54	15.94	−3.97
Britton	0.10	−0.43	0.61	−0.06	0.93	+0.30	0.48	−1.27	2.79	−0.21	4.27	+0.56	1.01	−1.49	2.99	+0.47	0.48	−1.87	1.93	+0.59	0.79	−0.01	0.13	−0.33	16.51	−3.75
Brookings	0.03	−0.39	0.04	−0.41	0.30	−0.43	1.33	−0.75	0.68	−2.29	2.42	−1.46	1.62	−0.96	3.24	+0.66	2.00	−0.07	1.11	−0.21	1.89	+1.26	1.07	+0.60	15.73	−4.45
Canistota	0.17	......	0.07	......	0.52	......	0.72	......	0.98	......	2.63	......	0.71	......	2.00	......	3.20	......	1.18	......	1.83	......	1.23	......	15.24	......
Canton	T.	−0.49	T.	−0.54	0.47	−0.80	1.25	−1.15	1.25	−2.51	2.34	−2.27	1.10	−2.80	1.54	−1.12	3.49	+1.07	0.65	−1.08	3.76	+2.75	1.30	+0.71	17.15	−7.73
Castlewood	0.04	−0.44	0.34	−0.10	0.79	−0.06	1.44	−0.92	6.44	+3.81	2.88	−1.34	1.31	−1.72	2.46	−0.32	1.32	−1.00	1.47	+0.17	0.96	−0.03	0.76	+0.40	20.21	−1.55
Centerville	T.	−0.60	0.08	−0.78	0.63	−0.56	1.28	−0.79	1.34	−2.45	2.50	−1.70	0.72	−2.84	0.34	−2.63	3.13	+0.45	1.97	+0.34	2.68	+1.74	1.40	+0.64	16.07	−9.18
Clark	0.33	−0.42	0.49	−0.20	0.57	−0.58	1.76	−0.41	2.67	−0.31	4.00	−0.17	1.21	−1.79	1.36	−1.77	1.44	−1.12	2.26	+0.59	0.99	+0.05	1.29	+0.68	18.40	−5.51
De Smet	0.05	−0.57	0.22	−0.36	0.43	−0.59	1.18	−1.05	0.96	−1.97	2.43	−1.73	0.60	−2.29	2.22	−0.28	1.80	−0.26	1.01	−0.67	0.74	+0.03	0.85	+0.23	12.49	−9.51
Eureka	0.10	−0.24	0.38	−0.07	0.86	+0.32	0.81	−0.69	2.51	+0.82	5.17	+2.29	1.30	−1.04	5.34	+3.10	0.99	−0.70	1.43	+0.36	0.62	+0.16	0.59	+0.20	20.18	+4.01
Fairfax	0.30	−0.18	0.30	−0.30	0.58	−0.34	0.84	−1.51	2.59	−0.80	1.08	−3.15	2.19	−0.81	3.20	+0.42	1.64	−0.04	2.21	+0.59	0.60	+0.02	2.10	+1.58	17.63	−4.52
Faulkton	0.10	−0.37	0.45	−0.15	0.95	−0.27	0.91	−1.63	2.36	−0.58	1.63	−1.84	0.73	−1.63	0.71	−1.63	0.97	−0.47	1.32	+0.07	0.91	+0.21	1.47	+1.04	12.51	−7.29
Flandreau	0.25	−0.19	0.25	−0.24	§0.45	−0.52	0.96	−1.49	0.82	−2.71	3.76	−0.34	1.00	−1.77	1.46	−1.37	2.62	+0.24	1.75	+0.19	1.96	+0.99	1.41	+0.83	‖16.69	−6.88
Forestburg	T.	−0.63	0.32	−0.31	0.68	−0.35	0.85	−1.55	1.55	−1.63	6.13	+2.32	0.75	−2.07	1.61	−0.71	1.80	−0.07	1.14	−0.28	0.44	−0.28	2.84	+2.32	18.11	−3.24
Gannvalley	0.07	−0.53	0.22	−0.28	0.92	+0.05	0.52	−1.26	2.10	−0.90	0.27	−3.31	1.27	−1.96	1.51	−1.18	1.94	+0.36	1.40	−0.26	0.73	+0.04	0.97	+0.38	11.92	−8.83
Geddes	....	......	...	......	....	......	....	......	....	......	....	......	....	......	....	......	2.96	......	2.18	......	0.76	......	1.59	......	......	......
Gettysburg	....	......	...	......	1.56	+0.84	0.75	−0.78	1.82	−0.85	1.97	−1.18	0.40	−2.07	2.33	+0.40	0.55	−0.53	0.49	−0.76	0.72	+0.19	0.70	+0.20	......	......
Gregory	0.21	......	0.27	......	1.12	......	1.38	......	3.09	......	2.06	......	2.49	......	1.80	..	1.26	......	0.80	......	0.58	......	1.29	......	16.35	......
Highmore	0.10	−0.28	0.11	−0.21	1.98	+1.01	0.63	−1.15	1.60	−1.11	1.73	−1.53	0.38	−2.11	0.56	−1.63	1.53	+0.07	0.75	−0.40	0.83	+0.31	0.93	+0.56	11.18	−6.47
Howard	0.20	−0.21	0.22	−0.30	0.63	−0.36	0.87	−1.37	0.90	−1.89	3.18	−0.75	0.67	−2.52	2.38	−0.17	2.34	+0.03	1.79	+0.15	1.07	+0.47	1.58	+1.04	15.78	−5.88
HURON	0.12	−0.44	0.19	−0.35	0.54	−0.37	1.06	−1.18	1.85	−1.13	1.51	−2.28	1.38	−1.78	0.60	−1.86	1.52	−0.05	1.19	−0.09	0.56	−0.03	2.15	+1.58	12.67	−7.98
Ipswich	0.13	−0.30	0.29	−0.09	0.42	−0.48	§0.63	−1.41	1.51	−1.85	9.62	+6.18	0.75	−1.75	0.99	−1.66	0.69	−0.99	1.02	−0.15	1.06	+0.56	0.90	+0.60	‖18.11	−1.34
Kennebee	0.33	−0.23	0.17	−0.35	1.44	+0.61	0.27	−1.67	1.83	−0.65	0.78	−2.37	1.11	−1.23	1.57	−0.44	1.44	+0.25	0.51	−0.55	0.60	+0.12	0.97	+0.45	11.05	−6.00
La Delle	0.60	−0.03	0.35	−0.17	0.85	−0.19	1.10	−1.40	2.77	−0.74	1.43	−3.36	1.31	−1.95	0.56	−2.86	1.01	−1.53	1.36	−0.64	0.40	−0.60	1.88	+0.85	13.12	−12.62
Leola	0.06	−0.41	0.52	−0.05	0.75	−0.44	0.87	−1.39	2.64	−0.92	4.81	+2.34	1.09	−0.86	3.02	−0.54	0.83	−1.09	1.20	−0.20	0.88	+0.28	1.46	+1.04	18.13	−2.24
Marion	T.	−0.63	0.10	−0.94	0.98	−0.54	0.98	−1.48	1.24	−2.59	4.03	−0.72	1.95	−1.70	0.76	−2.22	3.63	+0.74	2.00	+0.13	2.01	+0.90	1.91	+1.21	19.59	−7.84
Mellette	0.45	−0.16	0.90	+0.22	1.48	+0.47	0.48	−1.76	2.75	−0.29	2.49	−0.87	0.18	−2.60	0.88	−1.70	0.89	−1.00	1.60	+0.16	0.87	+0.14	1.80	+1.32	14.77	−6.07
Menno	0.25	−0.35	0.23	−0.54	1.53	+0.45	0.93	−1.27	1.55	−2.05	1.90	−2.30	§1.39	−1.97	0.37	−2.65	2.25	−0.19	1.89	+0.20	2.19	+1.29	1.85	+1.19	‖16.33	−8.09
Milbank	0.10	−0.72	0.75	−0.09	1.01	−0.40	1.06	−1.23	5.42	+2.38	1.76	−2.29	1.40	−1.36	2.47	−0.32	1.21	−0.79	1.87	+0.25	1.55	+0.55	§0.57	−0.19	‖19.17	−4.21
Miller **	0.26	−0.11	0.12	−0.29	1.31	+0.59	0.57	−1.20	1.68	−1.33	2.21	−1.00	1.32	−1.02	0.62	−1.79	1.04	−0.40	1.02	−0.14	0.87	+0.30	1.42	+1.05	12.44	−5.84
Mitchell	0.06	−0.48	0.21	−0.48	0.96	−0.12	0.33	−2.27	1.24	−2.13	3.55	−0.60	1.10	−2.25	1.87	−0.77	3.22	+1.07	1.41	−0.21	0.88	+0.15	1.97	+1.48	16.85	−6.61
Onaka	0.05	−0.50	0.11	−0.67	0.21	−0.73	0.70	−1.72	1.74	−1.62	2.77	−0.78	0.36	−2.63	1.28	−1.51	0.76	−1.07	1.20	−0.18	0.75	+0.07	4.23	+3.76	‖14.19	−7.58
Parkston	0.06	−0.78	0.27	−0.66	0.77	−0.61	0.68	−2.07	1.22	−1.74	3.40	−0.03	0.88	−2.04	0.49	−2.22	3.58	+1.36	1.42	−0.39	0.94	+0.21	1.57	+0.94	15.28	−8.03
Pukwana	0.14	......	0.31	......	0.90	......	0.38	......	1.35	......	4.62	......	1.36	......	0.40	......	1.29	......	1.07	......	0.69	......	0.80	......	13.31	......
Raymond	....	......	....	......	....	......	....	......	....	......	....	......	....	......	2.04	......	1.08	......	1.77	......	0.50	......	0.55	......	......	......
Redfield	0.17	−0.28	0.33	−0.26	0.90	+0.02	1.52	−0.43	3.34	+0.56	1.21	−2.04	1.12	−1.52	0.73	−1.94	0.89	−0.94	1.70	+0.34	0.94	+0.30	1.93	+1.45	14.78	−4.74
Sioux Falls	0.10	−0.53	0.03	−0.68	0.38	−0.84	0.84	−1.77	0.75	−3.12	2.70	−1.73	0.59	−2.65	2.85	−0.02	4.28	+1.66	1.25	−0.42	2.63	+1.56	1.33	+0.60	17.73	−7.94
Sisseton	....	......	....	......	....	......	....	......	....	......	....	......	....	......	2.57	−0.44	....	......	2.41	+0.72	0.69	+0.17	0.75	+0.05	......	......
Tyndall	0.13	−0.28	0.23	−0.32	0.39	−0.81	1.53	−1.05	2.01	−1.99	1.78	−1.96	2.01	−1.34	1.21	−2.07	3.61	+1.38	1.69	−0.35	2.48	+1.66	1.64	+1.08	18.71	−6.05
Vermilion	0.10	−0.47	0.06	−0.79	0.83	−0.39	2.02	−0.73	1.58	−2.31	1.90	−2.18	1.12	−2.37	0.66	−2.22	1.96	−1.31	0.99	−0.81	2.92	+1.79	1.20	+0.46	15.84	−11.83
Victor	0.20	......	0.40	......	1.39	......	0.72	......	2.61	......	6.47	......	1.36	......	4.26	......	0.77	......	2.32	......	1.35	......	0.47	......	22.32	......
Wagner	0.20	−0.69	0.63	−0.10	1.02	−0.44	0.84	−1.87	1.81	−1.54	1.35	−1.91	2.55	+0.01	1.49	−0.97	3.07	+0.80	1.19	−0.86	2.17	+1.12	1.64	+0.78	17.96	−5.17
Watertown	0.03	−0.52	0.31	−0.21	0.58	−0.21	1.38	−0.87	8.16	+5.29	1.91	−1.88	1.37	−1.52	1.19	−1.72	1.16	−0.88	1.48	+0.11	0.88	+0.12	0.82	+0.35	19.27	−1.94
Webster (near)	0.15	−0.62	0.78	+0.28	0.67	−0.25	0.95	−1.10	3.96	+1.31	5.28	+1.67	2.88	−0.26	2.92	−0.61	1.21	−1.26	3.08	+1.72	0.71	−0.02	0.15	−0.34	22.74	+0.52
Wentworth	T.	−0.50	§0.16	−0.35	0.60	−0.34	0.65	−1.61	0.89	−2.72	4.24	+0.01	1.60	−1.70	2.60	−0.36	2.14	−0.46	0.80	−0.80	§1.73	+0.95	§1.44	+0.91	‖16.75	−6.97
Wessington	0.20	......	0.16	......	1.31	......	0.82	......	2.13	......	1.36	......	1.18	......	1.35	......	1.57	......	2.45	......	0.65	......	2.09	......	15.27	......
White Lake	0.03	−0.44	0.31	−0.30	0.58	−0.25	0.63	−1.47	1.21	−1.44	6.91	+3.37	1.20	−1.31	0.67	−1.62	1.76	−0.02	1.70	+0.35	0.78	+0.04	0.95	+0.42	16.73	−2.65
Winner	0.74	+0.37	0.12	−0.60	1.76	+0.64	0.48	−1.91	2.21	+0.24	2.76	−0.65	2.05	−0.53	1.50	−0.75	1.07	−0.36	0.98	−0.59	0.71	+0.25	0.78	+0.87	15.16	−4.00
Yankton	0.05	−0.51	0.11	−0.69	1.14	−0.15	1.77	−1.05	1.48	−2.38	1.63	−2.14	0.75	−2.65	0.44	−2.57	2.32	−0.41	1.62	+0.24	2.23	+1.40	1.67	+0.83	15.21	−10.09
Western Division																										
Ardmore	0.02	−0.37	0.36	−0.05	0.73	+0.06	0.19	−1.67	1.13	−1.92	1.89	−1.07	0.79	−1.45	1.34	−0.23	0.44	−0.66	1.71	+0.46	0.31	−0.19	0.33	−0.19	9.24	−7.28
Bellefourche	0.33	−0.09	0.37	+0.06	0.87	+0.05	0.89	−0.54	1.14	−1.26	0.63	−1.96	1.02	−1.09	0.44	−1.03	0.48	−0.95	1.08	+0.07	0.38	−0.17	0.14	−0.35	7.77	−7.26
Belvidere	0.50	......	0.03	......	2.10	......	0.23	......	2.38	......	1.97	......	1.11	......	1.31	......	1.10	......	0.81	......	0.80	......	1.30	......	13.64	......
Bison	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	0.69	+0.18	0.59	+0.17	......	......
Camp Crook	0.30	−0.20	0.68	+0.26	1.10	+0.12	0.35	−0.69	1.16	−1.24	1.30	−1.63	3.46	+1.57	0.77	−0.63	1.27	+0.15	0.50	−0.22	0.35	−0.08	0.35	0.00	11.59	−2.59
Cedar View	0.60	......	0.06	......	1.36	......	0.55	......	2.68	......	1.66	......	2.77	......	1.22	......	1.42	......	0.79	......	0.52	......	0.93	......	14.46	......
Cottonwood	0.10	−0.30	0.05	−0.30	2.03	+1.52	0.17	−1.71	1.27	−1.40	0.62	−2.01	0.84	−1.50	0.82	−1.13	1.65	+0.44	0.71	−0.31	0.50	+0.03	0.82	+0.44	9.58	+6.23
Custer	0.12	−0.32	0.33	−0.16	0.51	−0.25	1.04	−0.81	1.94	−0.95	§1.82	−1.05	0.94	−2.71	3.47	+0.99	0.17	−1.35	1.82	+0.60	0.73	+0.19	0.58	+0.22	‖13.47	−5.60
Deerfield	0.19	−0.49	0.23	−0.22	0.83	+0.02	0.39	−1.39	1.19	−1.48	2.17	−1.30	1.30	−1.85	1.74	−0.61	0.40	−1.19	1.13	−0.13	0.61	−0.03	0.19	−0.25	10.37	−8.92
Dowling	0.09	−0.51	0.09	−0.43	0.57	−0.31	T.	−1.70	2.41	−0.70	1.23	−2.11	1.26	−1.31	1.26	−1.24	1.26	−0.08	1.77	+0.61	0.50	−0.20	0.22	−0.81	10.66	−8.29
Dumont	0.96	−0.47	0.50	−0.79	3.17	+1.39	1.19	−1.18	0.79	−2.00	1.18	−2.24	1.28	−2.04	1.42	−0.76	0.04	−1.71	0.60	−0.81	1.06	+0.03	0.32	−0.91	12.51	−11.49
Dupree	0.63	......	0.14	......	2.16	......	0.25	......	2.07	......	0.98	......	0.63	......	1.08	......	1.13	......	0.78	......	1.76	......	0.82	......	12.37	......
Eales	0.11	−0.50	0.52	−0.15	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	......	......
Faith	0.10	......	§0.14	......	0.50	......	0.09	......	§1.71	......	0.79	......	1.30	......	0.67	......	1.20	......	0.59	......	0.50	......	0.44	......	‖8.03	......
Glenham	0.24	......	0.50	......	0.97	......	0.54	......	1.82	......	2.30	......	1.38	......	2.44	......	1.35	......	0.13	......	0.54	......	0.38	......	12.59	......
Hardy Ranger Station	1.11	−0.68	0.62	−0.56	2.29	+0.66	2.06	+0.12	1.21	−1.13	1.53	−1.19	0.95	−1.32	0.20	−1.62	0.24	−1.45	0.20	−1.42	0.19	−0.87	1.00	−0.24	11.63	−9.70
Harveys Ranch	1.05	−0.56	0.60	−0.79	2.10	+0.28	2.50	+0.04	2.35	−0.96	1.07	−3.98	1.06	−2.54	1.53	−0.77	0.57	−1.00	1.24	−0.17	1.40	+0.27	0.35	−0.67	15.82	−10.85
Hopewell	0.35	−0.28	0.09	−0.51	1.84	+1.00	0.30	−1.55	1.39	−1.57	1.61	−0.98	§0.59	−1.57	1.15	−0.84	1.22	−0.08	0.76	−0.39	1.30	+0.71	0.72	+0.17	‖11.32	−5.69
Hot Springs	0.55	−0.23	0.32	−0.15	0.86	−0.06	0.63	−1.25	2.03	−1.03	1.32	−1.71	1.76	−0.61	1.59	−0.37	1.05	−0.36	1.51	−0.01	0.56	−0.13	0.90	+0.30	13.08	−5.61
Lead	0.56	−0.57	0.49	−0.46	1.63	−0.14	1.25	−1.63	1.98	−1.84	1.09	−2.56	1.76	−1.24	2.87	+0.68	0.38	−1.59	1.57	−0.27	0.74	−0.38	0.40	−0.64	14.72	−10.64
Lemmon	T.	−0.66	0.45	−0.06	1.93	+1.20	0.15	−1.07	2.07	−0.24	1.53	−0.14	3.69	+2.02	1.62	+0.20	0.95	−0.44	0.52	−0.35	0.52	−0.01	0.70	+0.17	14.18	+0.62
Ludlow	T.	......	0.28	......	1.12	......	0.14	......	1.58	......	0.60	......	3.89	......	0.89	......	1.79	......	1.07	......	0.17	......	1.00	......	12.53	......
McIntosh	§0.07	−0.38	0.70	+0.19	1.45	+0.51	T.	−1.62	2.35	−0.37	3.90	+0.42	3.08	+1.37	1.81	−0.10	1.81	+0.27	1.71	+0.65	0.40	−0.05	0.55	+0.03	‖17.86	+0.92
McLaughlin	0.20	......	0.90	......	1.42	......	§0.41	......	1.71	......	1.46	......	3.34	......	3.75	......	1.77	......	0.64	......	0.75	......	0.90	......	‖17.25	......
Mobridge	0.18	−0.56	0.29	−0.49	1.92	+0.97	0.47	−1.43	1.88	−0.93	2.61	−0.44	0.98	−0.97	2.88	+0.24	1.05	−0.17	0.13	−1.11	0.56	+0.16	0.87	+0.46	13.82	−4.27
Murdo	0.50	−0.13	0.05	−0.57	2.55	+1.64	0.25	−2.12	3.75	+0.78	1.05	−2.01	1.25	−1.43	2.60	+0.77	0.95	−0.45	0.92	−0.68	1.00	+0.37	1.90	+0.31	16.77	−2.52
Newell	0.11	−0.38	0.20	−0.07	1.08	+0.39	0.47	−0.93	1.68	−1.25	1.42	−1.71	1.31	−1.74	0.36	−1.33	0.45	−1.05	0.96	−0.50	0.31	−0.44	0.45	+0.02	8.80	−8.99
Oelrichs	0.20	−0.66	0.83	−0.01	1.80	+0.47	0.35	−1.93	1.78	−1.29	0.93	−2.55	2.49	+0.08	3.23	+1.81	1.01	−0.27	0.69	−0.66	0.80	0.00	1.40	+0.67	15.51	−4.34
Onida	T.	−0.38	0.04	−0.65	0.63	−0.06	0.50	−1.61	4.18	+1.13	0.33	−2.95	0.08	−2.43	1.46	−0.60	1.23	+0.18	0.71	−0.46	0.47	+0.09	§0.81	+0.60	10.44	−7.14
Orman	0.12	−0.39	0.27	−0.03	0.81	+0.09	0.25	−1.22	1.82	−0.88	0.72	−1.81	1.04	−1.18	0.52	−0.90	0.57	−0.85	1.26	+0.17	0.96	+0.52	0.41	−0.08	8.75	−6.56
Ottumwa	0.50	−0.09	T.	−0.65	1.86	+1.10	0.07	−1.80	1.86	−1.22	1.34	−0.90	0.29	−1.54	0.29	−2.21	1.10	−0.04	2.98	+1.87	1.30	+0.62	§0.49	−0.08	‖12.08	−4.94
Pierre	0.24	−0.22	0.13	−0.33	2.22	+1.30	0.40	−1.41	2.11	−0.38	1.45	−1.51	0.71	−1.97	0.44	−1.65	1.43	+0.33	0.41	−0.41	0.54	+0.07	0.88	+0.38	10.96	−5.74
Pollock	T.	−0.53	0.53	+0.04	1.28	+0.62	0.33	−1.13	1.70	−0.46	1.87	−1.39	2.69	+0.54	3.09	+1.28	1.17	−0.60	0.11	−1.07	0.70	+0.16	0.65	+0.21	14.12	−2.33
Rapid City	0.15	−0.30	0.13	−0.35	1.15	+0.18	0.36	−1.67	1.06	−2.50	1.97	−1.36	1.42	−0.97	1.00	−0.70	0.22	−0.98	0.79	−0.15	0.44	−0.05	0.62	+0.18	9.31	−8.67
Redig	0.20	−0.48	0.66	+0.24	1.64	+0.58	0.18	−1.10	1.27	−0.89	0.79	−1.87	3.47	+1.43	0.84	−0.60	0.95	−0.14	0.77	−0.13	0.25	−0.38	0.40	−0.12	11.42	−3.46
Rochford	0.91	0.00	0.54	−0.30	1.20	0.00	1.40	−0.71	1.82	−1.24	1.18	−2.01	2.02	−1.04	1.75	−0.59	0.36	−1.19	1.48	+0.21	1.75	+0.82	0.37	−0.40	14.78	−6.48
St. Francis	0.05	......	0.36	......	0.93	......	....	......	1.56	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	......	......
Spearfish	0.55	−0.19	0.49	−0.30	2.08	+0.59	1.20	−1.11	1.58	−1.82	0.76	−2.94	1.06	−1.19	0.86	−0.91	0.39	−1.16	2.07	+0.56	1.20	+0.35	0.54	−0.23	12.78	−8.35
Strool [near]	T.	−0.72	0.27	−0.43	1.54	−0.25	0.68	−0.78	1.57	−1.14	3.55	+0.42	3.61	+1.28	1.41	−0.01	1.20	−0.26	0.82	−0.24	0.42	0.00	0.55	−0.09	15.65	−2.22
Timber Lake	0.08	−0.73	0.26	−0.20	1.24	+0.15	0.45	−1.74	2.59	−0.85	3.32	−0.17	1.77	−0.90	1.88	−0.52	0.65	−0.87	1.21	+0.12	0.50	+0.08	0.25	−0.22	14.20	−5.85
Vale	0.06	−0.36	0.16	−0.14	1.02	+0.17	0.13	−1.41	1.06	−1.96	0.18	−2.89	1.40	−0.73	0.82	−0.79	0.46	−1.23	1.17	−0.16	0.55	+0.05	0.73	+0.26	7.74	−9.19
Vivian	0.20	−0.26	0.08	−0.38	2.52	+1.75	0.48	−2.05	2.74	−0.41	1.77	−1.87	1.45	−0.91	2.35	+0.46	1.06	−0.33	1.00	−0.55	0.55	−0.11	1.05	+0.70	15.20	−3.96
Waters Ranch	0.96	+0.14	0.40	−0.20	0.83	−0.47	1.16	−0.89	0.92	−1.77	1.51	−1.55	1.84	−0.68	0.48	−1.43	0.65	−1.44	2.69	+1.04	1.11	+0.31	0.55	−0.23	13.10	−7.17
Wood	0.31	−0.23	0.18	−0.46	1.61	+0.65	0.16	−2.26	2.01	−1.01	1.70	−1.37	2.17	−0.49	2.23	−0.26	1.44	+0.09	1.03	−0.40	0.48	−0.42	0.91	+0.37	14.23	−5.79
For the State	0.22	−0.39	0.31	−0.30	1.16	+0.11	0.77	−1.31	2.02	−1.02	2.36	−1.12	1.43	−1.34	1.64	−0.76	1.40	−0.40	1.32	−0.07	0.98	+0.30	1.05	+0.46	14.66	−5.84

ΔΔΔ The normal precipitation for Aberdeen appears to be too high excepting for the months of August and September.

Monthly and Annual Precipitation for the Year 1932, with Departures from the Normal

Stations.	January. Precipitation.	January. Departure.	February. Precipitation.	February. Departure.	March. Precipitation.	March. Departure.	April. Precipitation.	April. Departure.	May. Precipitation.	May. Departure.	June. Precipitation.	June. Departure.	July. Precipitation.	July. Departure.	August. Precipitation.	August. Departure.	September Precipitation.	September Departure.	October. Precipitation.	October. Departure.	November Precipitation.	November Departure.	December Precipitation.	December Departure.	Annual. Precipitation.	Annual. Departure.
Eastern Division																										
Aberdeen ΔΔΔ	0.70	−0.12	T.	−0.92	1.33	−0.23	3.26	+0.28	3.03	−0.41	4.42	+0.37	2.28	−0.90	1.61	−1.37	0.73	−1.32	1.23	−0.44	0.54	−0.43	0.48	−0.29	19.61	−5.78
Academy	0.53	+0.13	0.60	−0.01	1.00	−0.08	0.97	−1.42	3.10	+0.08	6.20	+2.31	1.30	−1.63	2.95	+0.16	1.56	−0.10	1.04	−0.47	0.00	−0.64	0.21	−0.44	19.46	−2.11
Alexandria	0.71	+0.11	0.60	+0.02	1.26	+0.10	1.86	−0.87	2.99	−0.40	1.57	−2.70	0.74	−2.36	2.34	−0.23	2.52	+0.29	0.87	−0.73	0.03	−0.60	0.32	−0.22	15.81	−7.59
Arlington	1.36	......	0.16	......	0.85	......	2.61	......	3.41	......	3.47	......	1.17	......	4.25	......	2.47	......	0.83	......	0.52	......	0.39	......	21.49	......
Armour	0.59	+0.04	0.34	−0.33	1.61	+0.44	0.96	−1.44	3.51	+0.22	5.82	+1.85	1.40	−1.47	2.73	−0.20	1.71	−0.26	0.95	−0.76	0.05	−0.75	0.25	−0.52	19.92	−3.18
Ashton	0.46	......	0.19	......	0.84	......	1.94	......	1.70	......	4.43	......	1.08	......	4.40	......	1.04	......	0.86	......	0.28	......	0.60	......	17.82	......
Bowdle	0.40	−0.13	0.50	−0.01	1.10	−0.07	4.59	+2.73	4.96	+2.20	2.19	−1.63	2.34	−0.23	3.00	+0.12	1.26	−0.32	1.13	−0.17	0.10	−0.37	0.30	−0.16	21.87	+1.96
Britton	0.36	−0.17	0.05	−0.62	0.27	−0.36	1.27	−0.48	2.74	−0.26	2.58	−1.13	3.64	+1.14	4.45	+1.93	1.12	−1.23	0.70	−0.64	0.29	−0.51	0.12	−0.34	17.59	−2.67
Brookings	0.51	+0.12	0.13	−0.32	0.27	−0.46	1.34	−0.74	2.23	−0.74	3.07	−0.81	2.34	−0.24	4.07	+1.49	2.07	0.00	0.81	−0.51	0.32	−0.31	0.24	−0.23	17.43	−2.75
Canistota	1.82	......	1.00	......	2.10	......	2.93	......	2.72	......	5.76	......	1.00	......	3.88	......	1.97	......	0.61	......	0.50	......	0.48	......	24.77	......
Canton	1.71	+1.22	0.58	+0.04	1.44	+0.17	1.90	−0.50	3.28	−0.48	2.18	−2.43	....	......	....	......	....	......	....	......	....	......	0.40	−0.19	......	......
Castlewood	0.47	−0.01	0.13	−0.31	0.58	−0.27	3.89	+1.63	3.39	+0.76	4.41	+0.19	2.31	−0.72	4.05	+1.27	2.68	+0.36	0.79	−0.51	0.78	−0.21	0.32	−0.04	23.80	+2.04
Centerville	1.92	+1.32	§0.74	−0.12	1.77	+0.58	1.58	−0.49	5.04	+1.25	1.68	−2.52	3.07	−0.49	4.30	+1.33	2.58	−0.10	0.93	−0.70	0.60	−0.34	0.36	−0.40	‖24.67	−0.68
Clark	1.02	+0.27	0.34	−0.35	1.11	−0.04	1.89	−0.31	2.45	−0.56	2.76	−1.41	1.42	−1.61	3.33	+0.20	0.91	−1.65	1.27	−0.40	0.67	−0.27	0.55	−0.06	17.72	−6.19
De Smet	1.10	+0.48	0.30	−0.28	0.93	−0.09	1.53	−0.70	3.11	+0.18	2.67	−1.49	0.36	−2.53	3.12	+0.62	1.22	−0.84	0.35	−1.33	0.40	−0.31	0.40	−0.22	15.49	−6.51
Eureka	0.18	−0.16	0.02	−0.43	0.31	−0.23	1.89	+0.39	5.18	+2.96	5.19	+2.31	1.95	−0.39	1.18	−1.06	1.28	−0.41	1.08	+0.01	0.02	−0.44	0.08	−0.31	18.36	+2.24
Fairfax	0.60	+0.12	0.70	+0.10	1.44	+0.52	1.02	−1.33	4.24	+0.85	3.86	−0.37	2.48	−0.52	2.09	−0.69	1.32	−0.36	0.80	−0.82	T.	−0.58	T.	−0.52	18.55	−3.60
Faulkton	0.40	−0.07	0.05	−0.59	0.49	−0.73	2.99	+0.45	2.57	−0.37	3.47	0.00	2.18	−0.18	3.39	+1.05	1.28	−0.16	0.91	−0.34	T.	−0.70	0.41	−0.02	18.14	−1.66
Flandreau	1.16	+0.72	0.68	+0.19	0.97	0.00	1.37	−1.08	3.71	+0.18	2.80	−1.30	2.33	−0.44	7.31	+4.48	2.01	−0.37	0.69	−0.87	0.93	−0.04	0.30	−0.28	24.26	+1.19
Forestburg	0.61	−0.02	T.	−0.63	1.24	+0.21	2.10	−0.30	1.85	−1.33	3.02	−0.79	1.88	−0.94	2.01	−0.31	1.62	−0.25	0.57	−0.85	0.09	−0.63	0.32	−0.20	15.31	−6.04
Gannvalley	0.54	−0.06	0.30	−0.20	1.49	+0.62	1.61	−0.17	4.60	+1.60	7.98	+4.40	0.61	−2.62	0.92	−1.77	1.64	+0.06	0.87	−0.27	0.10	−0.59	0.42	−0.17	21.08	+0.83
Geddes	0.90	......	0.83	......	2.29	......	1.22	......	3.54	......	6.10	......	3.40	......	1.76	......	2.09	......	0.78	......	0.00	......	0.20	......	23.11	......
Gelhaus Farm	....	......	....	......	....	......	....	......	3.77	......	2.78	......	1.73	......	2.89	......	0.89	......	1.20	......	0.38	......	0.30	......	......	......
Gettysburg	0.40	−0.21	0.15	−0.52	0.30	−0.42	4.70	+3.17	3.42	+0.75	2.79	−0.86	1.58	−0.89	1.89	−0.04	0.90	−0.18	1.15	−0.10	T.	−0.53	0.20	−0.30	17.48	+0.37
Gregory	0.18	......	0.22	......	1.07	......	1.35	......	3.31	......	6.10	......	1.98	......	2.60	......	2.40	......	1.03	......	T.	......	0.19	......	20.43	......
Highmore	0.12	−0.26	0.08	−0.27	0.80	−0.14	1.60	−0.23	2.82	+0.11	3.31	+0.05	1.52	−0.97	1.75	−0.44	2.11	+0.65	0.88	−0.27	T.	−0.52	0.12	−0.25	15.11	−2.54
Howard	1.39	+0.98	0.40	−0.12	0.83	−0.16	1.82	−0.42	2.78	−0.01	1.78	−2.15	2.84	−0.35	3.12	+0.57	2.38	+0.07	0.69	−0.95	0.21	−0.39	0.67	+0.18	18.91	−2.75
HURON	0.39	−0.17	0.14	−0.42	1.29	+0.83	1.52	−0.72	2.67	−0.31	1.98	−1.81	0.15	−3.01	2.85	+0.39	1.28	−0.29	0.64	−0.64	0.18	−0.41	0.34	−0.23	13.43	−7.24
Ipswich	1.33	+0.90	0.11	−0.37	§0.98	+0.08	2.90	+0.86	2.61	−0.75	2.93	−0.51	3.79	+1.29	2.93	+0.28	0.97	−0.71	0.79	−0.38	T.	−0.50	0.40	+0.10	‖19.74	+0.29
Kennebec	0.15	−0.41	0.25	−0.27	0.24	−0.59	1.86	−0.08	2.64	+0.16	4.33	+1.18	0.71	−1.63	2.12	+0.11	0.60	−0.59	1.49	+0.40	0.10	−0.38	0.50	−0.02	14.99	−2.12
La Delle	0.65	+0.02	0.20	−0.32	0.66	−0.38	1.34	−1.16	1.80	−1.71	4.47	−0.32	0.61	−2.65	2.75	−0.67	1.61	−1.53	1.03	−0.97	0.60	−0.40	0.60	+0.07	15.72	−10.02
Leola	0.44	−0.03	0.05	−0.52	0.59	−0.60	5.13	+2.87	3.76	+0.20	4.89	+2.42	2.03	+0.08	2.20	−1.36	0.77	−1.15	1.03	−0.37	0.45	−0.15	0.06	−0.36	21.40	+1.03
Marion	1.71	+1.08	1.07	+0.03	2.45	+0.93	2.15	−0.31	4.03	+0.20	1.64	−3.11	0.85	−2.80	3.66	+0.68	1.46	−1.43	0.95	−0.92	0.40	−0.71	0.29	−0.41	20.66	−6.77
Mellette	1.20	+0.59	0.30	−0.38	0.40	−0.61	2.35	+0.11	2.16	−0.88	5.31	+1.95	1.60	−1.18	3.52	+0.94	1.16	−0.73	0.75	−0.69	0.25	−0.48	0.25	−0.23	19.25	−1.59
Menno	1.60	+1.05	0.64	−0.13	1.65	+0.57	1.60	−0.65	4.08	+0.48	1.77	−2.43	3.77	+0.41	3.06	+0.14	1.60	−0.84	0.76	−0.93	0.05	−0.85	0.28	−0.38	20.86	−3.56
Milbank	0.77	−0.05	0.02	−0.82	2.05	+0.64	3.85	+1.56	2.68	−0.36	5.11	+1.06	2.50	−0.26	2.08	−0.71	1.65	−0.35	2.16	+0.54	1.20	+0.20	0.42	−0.34	24.49	+1.11
Miller **	0.24	−0.13	0.11	−0.30	0.54	−0.18	1.94	+0.17	2.27	−0.74	4.54	+1.33	0.82	−1.52	1.18	−1.23	1.94	+0.50	1.01	−0.15	T.	−0.57	0.29	−0.08	14.88	−2.90
Mitchell	0.63	+0.09	0.47	−0.22	1.48	+0.40	1.70	−0.95	2.80	−0.57	3.99	−0.16	1.55	−1.80	2.38	−0.26	1.42	−0.73	0.76	−0.86	0.06	−0.67	0.25	−0.24	17.49	−5.97
Onaka	0.52	−0.06	0.87	+0.09	0.89	−0.05	5.10	+2.68	3.77	+0.41	4.11	+0.56	1.31	−1.68	5.70	+2.91	1.50	−0.33	0.75	−0.63	0.05	−0.63	0.45	−0.02	25.02	+3.25
Parkston	0.89	+0.05	0.44	−0.49	1.44	+0.06	1.35	−1.40	3.06	+0.10	3.33	−0.10	2.12	−0.80	3.61	+0.90	2.28	+0.06	0.69	−1.12	0.03	−0.70	0.63	0.00	19.87	−3.44
Pukwana	0.27	......	0.06	......	1.58	......	0.74	......	3.40	......	6.46	......	0.93	......	0.84	......	2.10	......	0.56	......	0.02	......	0.27	......	17.23	......
Raymond	0.51	......	T.	......	0.25	......	1.14	......	3.15	......	3.48	......	2.00	......	3.44	......	0.65	......	1.00	......	0.40	......	0.23	......	16.25	......
Redfield	0.38	−0.07	0.10	−0.49	0.32	−0.56	1.61	−0.34	2.07	−0.71	4.45	+1.20	0.93	−1.71	3.95	+1.28	0.87	−0.96	0.92	−0.44	0.20	−0.44	0.27	−0.21	16.07	−3.45
Sioux Falls	0.90	+0.27	0.83	+0.12	1.53	+0.31	1.86	−0.75	3.33	−0.54	3.49	−0.94	1.19	−2.05	9.33	+6.46	2.58	−0.04	1.62	−0.05	0.58	−0.49	0.41	−0.32	27.65	+1.98
Sisseton	0.72	+0.17	0.15	−0.58	0.87	−0.37	1.86	−0.17	3.78	+0.69	3.80	0.00	1.57	−1.84	4.77	+1.76	0.84	−1.09	1.15	−0.54	0.60	+0.08	0.60	−0.10	20.71	−1.99
Tyndall	1.07	+0.66	0.71	+0.16	1.28	+0.08	1.53	−1.05	5.65	+1.65	3.15	−0.59	2.46	−0.89	6.20	+2.92	1.92	−0.31	0.97	−1.07	0.01	−0.81	0.37	−0.19	25.32	+0.56
Vermilion	1.01	+0.44	0.66	−0.19	0.85	−0.37	1.12	−1.63	4.89	+1.00	2.72	−1.36	1.47	−2.02	2.01	−0.87	2.05	−1.22	1.04	−0.76	0.50	−0.63	0.29	−0.45	18.61	−8.06
Victor	0.32	......	0.09	......	0.60	......	2.37	......	3.16	......	1.96	......	2.14	......	2.16	......	0.47	......	0.84	......	0.78	......	0.28	......	16.17	......
Wagner	0.95	+0.06	1.45	+0.72	1.75	+0.29	2.20	−0.51	4.09	+0.74	5.27	+2.01	2.03	−0.51	1.40	−1.06	1.12	−1.15	1.40	−0.15	0.00	−1.05	0.81	−0.05	22.47	−0.66
Watertown	0.60	+0.05	0.02	−0.50	0.76	−0.03	4.21	+1.96	2.37	−0.50	5.31	+1.52	1.74	−1.16	2.47	−0.44	1.66	−0.38	1.57	+0.20	0.47	−0.29	0.38	−0.09	21.56	+0.35
Webster (near)	0.40	−0.37	0.05	−0.45	0.33	−0.59	1.63	−0.42	4.30	+1.65	3.17	−0.44	2.16	−0.98	1.64	−1.89	0.93	−1.54	0.72	−0.64	0.44	−0.29	0.22	−0.27	15.99	−6.23
Wentworth	1.14	+0.64	§0.34	−0.17	0.94	0.00	1.70	−0.56	3.78	+0.17	1.57	−2.66	2.36	−0.84	5.83	+2.87	2.90	+0.30	0.56	−1.04	0.38	−0.40	0.20	−0.33	‖21.70	−2.02
Wessington	0.25	......	0.30	......	0.62	......	2.16	......	2.76	......	4.75	......	1.30	......	1.21	......	2.00	......	0.85	......	T.	......	0.25	......	16.45	......
White Lake	0.70	+0.23	0.20	−0.41	1.58	+0.77	1.43	−0.67	3.08	+0.43	6.13	+2.59	1.28	−1.23	1.03	−1.26	1.16	−0.62	0.53	−0.82	0.25	−0.49	0.31	−0.22	17.68	−1.70
Winner	0.15	−0.26	0.23	−0.33	1.77	+0.65	1.52	−0.87	3.56	+1.11	8.06	+4.65	1.65	−0.93	1.88	−0.37	0.40	−1.03	1.62	+0.05	0.04	−0.42	0.48	+0.07	21.36	+2.32
Yankton	0.93	+0.34	0.68	−0.15	1.16	−0.11	0.70	−2.12	4.07	+0.21	1.37	−2.40	1.16	−2.24	2.70	−0.31	1.45	−1.28	0.86	−0.52	0.15	−0.68	0.17	−0.67	15.40	−9.93
Western Division																										
Ardmore	0.39	0.00	0.07	−0.34	0.71	+0.04	4.17	+2.31	2.73	−0.32	0.69	−2.27	1.01	−1.23	2.63	+1.06	0.19	−0.91	0.95	−0.30	0.09	−0.41	0.14	−0.38	13.77	−2.75
Bellefourche	0.47	+0.05	0.03	−0.28	0.60	−0.22	4.80	+3.37	2.56	+0.16	2.46	−0.13	0.92	−1.19	1.07	−0.40	0.69	−0.74	1.45	+0.44	0.16	−0.39	0.10	−0.39	15.81	+0.28
Belvidere	0.50	......	0.40	......	1.23	......	2.93	......	3.44	......	2.82	......	2.57	......	1.38	......	0.12	......	1.63	......	0.00	......	0.40	......	17.42	......
Bison	0.75	+0.28	0.46	−0.05	§0.59	−0.33	3.08	+2.02	2.23	−0.38	2.64	+0.05	0.57	−2.02	2.29	−0.07	0.94	−0.44	1.40	+0.56	0.01	−0.50	0.18	−0.24	‖15.14	−1.12
Camp Crook	1.95	+1.45	0.10	−0.32	1.40	+0.42	1.93	+0.89	2.28	−0.12	§3.63	+0.70	0.18	−1.71	1.20	−0.20	0.14	−0.98	§1.41	+0.69	0.05	−0.38	0.45	+0.10	‖14.72	+0.54
Cedar View	0.50	......	0.30	......	0.99	......	2.97	......	3.86	......	2.69	......	2.62	......	0.88	......	0.15	......	1.11	......	T.	......	0.10	......	16.17	......
Cottonwood	0.40	0.00	0.20	−0.15	0.40	−0.11	3.67	+1.79	3.60	+0.93	4.34	+1.71	2.35	+0.01	0.74	−1.21	0.26	−0.95	1.21	+0.19	T.	−0.47	0.10	−0.28	17.27	+1.46
Custer	§0.82	+0.38	0.23	−0.26	0.58	−0.18	3.35	+1.50	3.02	+0.13	3.91	+1.04	2.28	−1.37	3.52	+1.04	0.10	−1.42	1.42	+0.20	0.05	−0.49	0.26	−0.10	‖19.54	+0.47
Deerfield	0.84	+0.16	0.13	−0.32	0.54	−0.27	4.36	+2.58	3.76	+1.09	3.83	+0.36	3.83	+0.68	2.48	+0.13	0.94	−0.65	1.74	+0.48	0.24	−0.40	0.23	−0.21	22.92	+3.63
Dowling	0.09	−0.51	T.	−0.52	0.19	−0.69	3.65	+1.95	4.10	+0.99	3.01	−0.33	0.99	−1.58	0.50	−2.00	0.34	−1.00	0.74	−0.42	T.	−0.70	0.04	−0.49	13.65	−5.30
Dumont	2.15	+0.72	T.	−1.29	1.36	−0.42	3.91	+1.54	4.38	+1.59	2.71	−0.71	1.70	−1.62	0.79	−1.39	0.12	−1.63	2.30	+0.89	0.60	−0.43	0.45	−0.78	20.47	−3.53
Dupree	1.46	......	0.72	......	0.87	......	2.19	......	1.11	......	3.94	......	0.67	......	3.22	......	0.51	......	1.38	......	0.02	......	0.28	......	16.37	......
Faith	§0.80	......	T.	......	0.45	......	3.00	......	1.61	......	5.00	......	0.86	......	2.85	......	0.60	......	§1.33	......	T.	......	0.44	......	‖16.94	......
Glenham	0.35	......	0.34	......	0.46	......	2.48	......	4.39	......	2.91	......	2.03	......	1.52	......	1.00	......	0.66	......	0.06	......	0.14	......	16.84	......
Hardy Ranger Station	1.72	−0.07	0.50	−0.68	1.29	−0.31	6.28	+4.34	3.94	+1.57	2.87	+0.15	2.39	+0.12	2.04	+0.22	0.46	−1.23	3.16	+1.54	1.00	−0.06	1.52	+0.28	27.17	+5.84
Harveys Ranch	2.00	+0.39	0.45	−0.91	1.99	+0.17	7.50	+5.04	5.98	+2.67	5.80	+1.75	3.50	−0.10	2.28	−0.02	1.05	−0.52	2.55	+1.14	0.79	−0.34	1.75	+0.73	35.64	+9.97
Hopewell	0.59	−0.04	0.22	−0.38	1.38	+0.54	2.85	+1.00	4.54	+1.78	5.60	+3.01	1.67	−0.49	1.60	−0.39	0.71	−0.59	1.13	−0.02	T.	−0.59	0.48	−0.07	20.77	+3.76
Hot Springs	0.80	+0.02	1.55	+1.08	4.20	+3.28	3.10	+1.22	3.35	+0.29	1.99	−1.04	2.74	+0.37	1.63	−0.33	0.09	−1.32	0.93	−0.59	0.07	−0.62	0.40	−0.20	20.85	+2.16
Lead	1.03	−0.10	0.17	−0.78	1.14	−0.63	7.24	+4.36	5.70	+1.88	3.56	−0.09	2.59	−0.41	1.39	−0.80	0.52	−1.45	3.28	+1.44	0.56	−0.56	0.87	−0.17	28.05	+2.69
Lemmon	0.80	+0.14	0.10	−0.41	0.70	−0.03	1.88	+0.66	2.82	+0.51	5.24	+3.57	0.96	−0.71	2.09	+0.67	0.92	−0.47	1.19	+0.32	T.	−0.53	0.20	−0.33	16.90	+3.39
Ludlow	0.73	......	0.04	......	0.43	......	2.56	......	1.31	......	3.67	......	1.89	......	1.70	......	0.75	......	1.04	......	0.05	......	T.	......	14.17	......
McIntosh	0.85	+0.40	....	......	....	......	....	......	....	......	....	......	....	......	....	......	1.20	−0.34	0.92	−0.14	T.	−0.45	0.30	−0.22	......	......
McLaughlin	0.95	......	0.40	......	0.91	......	3.03	......	2.85	......	2.08	......	1.97	......	0.85	......	1.07	......	1.70	......	T.	......	0.15	......	15.96	......
Mobridge	0.25	−0.49	0.12	−0.66	0.35	−0.60	2.39	+0.49	4.31	+1.50	3.67	+0.62	3.15	+1.20	2.56	−0.08	1.50	+0.28	1.08	−0.16	0.04	−0.36	0.08	−0.33	19.50	+1.41
Murdo	0.70	+0.07	0.60	−0.02	1.60	+0.69	3.70	+1.33	2.85	−0.12	2.75	−0.31	1.85	−0.83	2.26	+0.43	0.55	−0.85	1.15	−0.45	0.00	−0.63	0.20	−0.39	18.21	−1.08
Newell	0.33	−0.16	0.07	−0.20	0.57	−0.12	3.16	+1.76	5.77	+2.84	3.76	+0.63	1.17	−1.88	2.28	+0.59	0.57	−0.93	1.42	−0.04	0.07	−0.68	0.07	−0.36	19.24	+1.45
Oelrichs	1.55	+0.69	0.10	−0.74	1.35	+0.02	2.93	+0.65	2.11	−0.96	2.69	−0.79	3.94	+1.53	1.04	−0.38	0.13	−1.15	1.92	+0.57	0.10	−0.70	0.55	−0.18	18.41	−1.44
Onida	§0.32	−0.06	§0.14	−0.55	0.22	−0.47	2.32	+0.21	2.46	−0.59	3.82	+0.54	1.93	−0.53	1.52	−0.54	0.79	−0.26	0.46	−0.71	0.06	−0.32	0.05	−0.16	‖14.09	−3.49
Orman	0.41	−0.10	0.21	−0.09	0.90	+0.18	4.97	+3.50	3.74	+1.04	5.27	+2.74	1.04	−1.18	0.96	−0.46	0.83	−0.59	1.37	+0.28	T.	−0.44	0.10	−0.39	19.80	+4.49
Ottumwa	§0.40	−0.19	T.	−0.65	0.40	−0.36	2.46	+0.59	2.43	−0.65	4.93	+2.69	1.74	−0.09	1.48	−1.02	0.00	−1.14	0.80	−0.31	0.00	−0.68	0.20	−0.37	‖14.84	−2.18
Pierre	0.17	−0.29	0.12	−0.36	0.98	+0.12	2.31	+0.53	4.84	+2.35	2.91	−0.05	1.08	−1.60	2.09	0.00	0.79	−0.31	1.25	+0.43	0.02	−0.45	0.28	−0.22	16.87	+0.15
Pollock	0.80	+0.27	T.	−0.49	0.71	+0.05	2.19	+0.73	3.76	+1.60	5.15	+1.89	2.00	−0.15	0.97	−0.84	0.78	−0.99	1.27	+0.09	T.	−0.54	0.20	−0.24	17.83	+1.38
Rapid City	0.51	+0.06	0.24	−0.26	0.52	−0.45	4.10	+2.07	5.02	+1.46	2.03	−1.30	2.73	+0.34	3.78	+2.08	0.25	−0.95	1.22	+0.28	0.06	−0.43	0.30	−0.14	20.76	+2.76
Redig	0.95	+0.27	0.15	−0.27	0.85	−0.21	3.34	+2.06	1.74	−0.42	4.55	+1.89	0.78	−1.26	1.39	−0.05	0.82	−0.27	1.39	+0.49	0.01	−0.62	0.30	−0.22	16.27	+1.39
Rochford	1.47	+0.56	0.16	−0.68	0.85	−0.35	5.51	+3.40	3.73	+0.67	1.66	−1.56	3.23	+0.17	3.35	+1.01	0.93	−0.62	3.30	+2.03	0.30	−0.63	0.43	−0.34	24.92	+3.66
Spearfish	1.18	+0.44	0.19	−0.60	1.06	−0.43	5.71	+3.40	4.39	+0.99	3.11	−0.59	5.95	+3.70	1.68	−0.09	0.35	−1.20	1.81	+0.30	0.36	−0.49	0.44	−0.33	26.23	+5.10
Strool(near)	0.89	+0.17	0.05	−0.65	0.78	−1.01	2.42	+0.96	1.95	−0.76	2.68	−0.45	1.69	−0.77	1.32	−0.10	0.27	−1.19	1.79	+0.73	T.	−0.42	0.07	−0.57	13.81	−4.06
Timber Lake	0.29	−0.52	0.09	−0.37	0.54	−0.55	4.16	+1.97	2.29	−1.15	6.73	+3.24	1.07	−1.60	2.20	−0.20	0.68	−0.84	1.22	+0.13	0.04	−0.38	0.45	−0.02	19.76	−0.29
Vale	0.40	−0.02	0.12	−0.18	0.45	−0.40	2.78	+1.24	3.37	+0.35	5.80	+2.73	1.71	−0.42	2.57	+0.96	0.52	−1.17	2.05	+0.72	0.04	−0.46	0.45	−0.02	20.26	+3.33
Vivian	0.33	−0.13	0.39	−0.07	1.00	+0.23	2.64	+0.16	2.45	−0.70	5.26	+1.62	3.42	+1.06	1.38	−0.51	0.65	−0.74	0.93	−0.62	T.	−0.66	0.39	+0.04	18.84	−0.32
Waters Ranch	1.84	+1.02	0.38	−0.22	1.11	−0.19	4.93	+2.88	3.19	+0.50	1.98	−1.08	2.05	−0.47	1.12	−0.79	0.32	−7.77	1.87	+0.22	0.38	−0.42	0.80	+0.02	19.97	−0.30
Wood	0.25	−0.29	0.19	−0.45	1.75	+0.79	2.42	0.00	2.97	−0.05	6.91	+3.84	2.56	−0.10	1.42	−1.07	0.67	−0.68	1.24	−0.19	T.	−0.90	0.31	−0.23	20.69	+0.67
For the State	0.79	+0.18	0.30	−0.32	1.01	−0.03	2.76	+0.78	3.33	+0.39	3.77	+0.30	1.85	−0.86	2.52	+0.17	1.10	−0.68	1.18	−0.16	0.21	−0.48	0.34	−0.21	19.16	−0.92

ΔΔΔ The normal precipitation for Aberdeen appears to be too high except for the months of August and September.

Monthly and Annual Precipitation for the Year 1933, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen ΔΔΔ	0.96	+0.14	0.35	−0.57	1.00	−0.56	1.42	−1.56	1.70	−1.74	1.65	−2.40	1.96	−1.22	0.61	−2.34	1.20	−0.85	0.05	−1.62	0.48	−0.49	1.24	+0.47	12.65	−12.74
Academy	T.	−0.40	0.22	−0.39	0.88	−0.20	1.75	−0.61	2.87	−0.15	$1.49	−2.40	4.59	+1.66	4.06	+1.27	0.72	−0.94	0.00	−1.51	T.	−0.64	0.51	−0.14	17.09	−4.48
Alexandria	0.28	−0.32	0.56	−0.08	1.65	+0.97	0.58	−2.15	2.29	−1.10	1.02	−3.25	3.82	+0.72	3.41	+0.84	1.01	−1.22	0.03	−1.57	0.22	−0.41	0.46	−0.08	15.25	−8.15
Arlington	T.		0.24		1.46		0.22		3.22		0.99		1.47		1.43		2.11		T.		0.59		0.41		11.96	
Armour	0.16	−0.39	0.66	−0.07	1.72	+0.55	1.17	−1.23	2.11	−1.18	0.94	−3.03	5.69	+2.82	4.30	+1.87	0.74	−1.23	T.	−1.71	0.22	−0.58	0.50	−0.27	18.15	−4.95
Ashton	0.31		0.18		1.43		1.22		2.42		1.53		2.86		0.51		1.50		0.05		0.19		1.10		13.30	
Bowdle	0.32	−0.21	0.25	−0.26	1.05	−0.12	1.79	−0.07	3.31	+0.58	3.96	+0.14	1.89	−0.68	1.00	−1.88	1.15	−0.43	0.10	−1.20	0.20	−0.27	0.51	+0.08	15.69	−4.32
Britton	0.19	−0.34	0.19	−0.48	0.41	−0.22	1.23	−0.54	1.78	−1.22	1.34	−2.47	3.76	+1.26	4.38	+1.86	0.57	−1.78	0.10	−1.24	0.29	−0.51	0.88	+0.42	15.12	−5.14
Brookings	0.07	−0.35	0.18	−0.27	1.08	+0.35	0.98	−1.10	1.44	−1.53	0.67	−3.21	1.42	−1.16	2.10	−0.48	3.82	+1.75	0.05	−1.27	0.09	−0.54	0.50	+0.03	12.40	−7.78
Canistota	0.42	−0.20	0.85	+0.21	1.63	+0.71	1.19	−0.93	2.32	−0.45	2.09	−1.73	2.07	+0.38	4.69	+2.10	1.53	−0.76	0.06	−1.10	0.06	−1.12	0.94	+0.28	17.90	−2.71
Canton	T.	−0.49	0.61	+0.07	1.65	+0.38	1.80	−0.60	1.58	−2.18	1.31	−3.30	4.85	+1.45	6.23	+3.57	4.36	+1.94	0.23	−1.50	T.	−1.01	0.71	+0.12	23.33	−1.55
Castlewood	0.17	−0.31	0.25	−0.19	0.70	−0.15	0.60	−1.76	2.35	−0.28	2.83	−1.39	1.90	−1.13	1.77	−1.01	3.26	+0.91	0.01	−1.29	0.28	−0.71	0.38	+0.02	14.50	−7.26
Centerville	0.09	−0.51	0.57	−0.29	2.05	+0.86	1.34	−0.73	2.10	−1.69	0.81	−3.39	3.99	+0.43	3.55	+0.58	3.01	+0.36	0.21	−1.42	0.04	−0.90	0.93	+0.17	18.72	−6.53
Clark	0.46	−0.29	0.17	−0.52	1.73	+0.58	0.78	−1.42	3.54	+0.53	1.28	−2.89	2.16	−0.87	0.75	−2.38	1.85	−0.71	0.95	−1.62	0.35	−0.59	0.49	−0.12	13.61	−10.30
De Smet	T.	−0.62	0.10	−0.48	1.55	+0.53	0.40	−1.83	2.30	−0.63	1.73	−2.38	2.00	−0.89	1.25	−1.25	1.11	−0.95	T.	−1.68	T.	−0.71	0.61	−0.01	11.10	−10.90
Eureka	0.24	−0.10	0.10	−0.35	0.74	+0.20	1.23	−0.27	3.03	+0.81	3.28	+0.40	3.27	+0.93	1.28	−0.96	0.60	−1.09	0.05	−1.02	0.26	−0.20	0.15	−0.24	14.23	−1.89
Fairfax	0.20	−0.28	0.50	−0.10	1.31	+0.39	0.88	−1.47	2.31	−1.08	0.95	−3.28	4.51	+1.51	4.01	+1.23	1.87	+0.19	0.00	−1.62	0.40	−0.18	0.39	−0.13	17.33	−4.82
Faulkton	0.10	−0.37	0.10	−0.54	1.61	+0.39	2.02	−0.52	3.25	+0.31	1.52	−1.95	1.79	−0.67	1.20	−1.14	1.20	−0.24	0.13	−1.12	0.14	−0.56	0.48	+0.05	13.54	−6.26
Flandreau	0.42	−0.02	0.39	−0.10	1.54	+0.57	1.00	−1.45	1.75	−1.78	1.50	−2.60	2.97	+0.20	2.55	−0.28	3.85	+1.47	0.05	−1.51	0.12	−0.85	0.71	+0.13	16.85	−6.22
Forestburg	T.	−0.63	0.20	−0.43	1.97	+0.94	1.99	−0.41	1.45	−1.73	2.16	−1.65	3.40	+0.58	1.72	−0.60	1.17	−0.70	0.10	−1.32	0.10	−0.62	1.28	+0.76	15.54	−5.81
Gannvalley	T.	−0.60	0.30	−0.20	1.75	+0.88	0.81	−0.97	3.06	+0.06	0.65	−2.93	3.81	+0.58	2.44	−0.25	1.11	−0.47	0.08	−1.06	0.23	−0.46	0.97	+0.38	15.21	−5.04
Geddes	0.15		0.11		1.44		0.65		2.34		1.32		3.82		5.69		0.55		0.00		0.00		0.57		16.64	
Gelhaus Farm	0.53		0.18		0.90		1.15		2.40		1.75		2.53		1.62		1.70		0.03		0.21		0.64		13.66	
Gettysburg	T.	−0.61	0.25	−0.42	1.57	+0.85	0.69	−0.84	3.44	+0.77	2.70	−0.45	1.70	−0.77	0.75	−1.18	0.60	−0.48	0.20	−1.05	T.	−0.53	0.75	+0.25	12.65	−4.46
Gregory	0.08		0.23		0.86		1.04		3.04		1.07		4.01		3.06		0.58		T.		0.41		0.51		14.89	
Highmore	0.05	−0.33	0.20	−0.15	1.83	+0.89	1.43	−0.40	2.72	+0.01	1.38	−1.88	1.44	−1.05	1.36	−0.83	1.34	−0.12	0.05	−1.10	0.06	−0.46	0.88	+0.51	12.74	−4.91
Howard	0.20	−0.21	0.70	+0.18	2.17	+1.18	0.99	−1.25	2.30	−0.49	2.14	−1.79	5.12	+1.93	2.22	−0.33	1.08	−1.23	0.04	−1.60	0.30	−0.30	1.10	+0.61	18.36	−3.30
HURON	0.18	−0.38	0.21	−0.33	1.49	+0.58	0.31	−1.93	1.55	−1.43	2.04	−1.75	2.12	−1.04	2.22	−0.24	1.56	−0.01	0.05	−1.23	0.22	−0.37	0.53	−0.04	12.48	−8.17
Ipswich	0.33	−0.10	0.10	−0.38	0.85	−0.05	1.01	−1.03	$2.25	−1.11	$2.22	−1.22	2.53	+0.03	1.52	−1.13	1.05	−0.63	0.10	−1.07	0.10	−0.40	0.68	+0.38	12.74	−6.71
Kennebec	T.	−0.56	0.50	−0.02	1.21	+0.35	1.13	−0.81	3.27	+0.79	1.52	−1.63	1.87	−0.47	1.60	−0.41	0.68	−0.51	0.00	−1.09	0.22	−0.26	0.94	+0.42	12.94	−4.17
La Delle	T.	−0.63	0.10	−0.42	1.53	+0.51	0.36	−2.14	2.17	−1.37	1.93	−2.86	1.61	−1.75	0.51	−2.91	2.42	−0.12	$0.03	−1.97	0.27	−0.73	0.79	+0.26	11.64	−14.10
Leola	0.18	−0.29	T.	−0.57	1.27	+0.08	1.36	−0.90	2.40	−1.16	2.91	+0.44	2.15	+0.20	1.20	−2.36	0.68	−1.24	0.05	−1.35	0.47	−0.13	0.18	−0.24	12.85	−7.52
Marion	0.27	−0.36	0.41	−0.63	3.06	+1.54	1.11	−1.32	2.23	−1.60	2.79	−1.96	5.70	+2.05	4.33	+1.35	2.63	−0.36	0.02	−1.85	T.	−1.11	0.77	+0.07	23.25	−4.18
Mellette	0.39	−0.31	0.05	−0.63	1.53	+0.52	1.48	−0.76	2.06	−0.98	1.25	−2.11	1.85	−0.93	0.53	−2.05	1.64	−0.25	0.10	−1.34	0.16	−0.57	1.03	+0.55	11.98	−8.86
Menno	0.35	−0.20	0.78	+0.01	2.72	+1.64	1.09	−1.16	2.08	−1.52	1.11	−3.09	3.31	−0.05	4.40	+1.48	0.97	−1.47	0.09	−1.60	T.	−0.90	0.71	+0.05	17.61	−6.81
Milbank	0.68	−0.14	0.68	−0.16	0.73	−0.68	1.43	−0.86	2.62	−0.42	$2.22	−1.83	$2.29	−0.47	2.17	−0.62	2.63	+0.03	0.02	−1.60	0.23	−0.77	0.53	−0.23	15.63	−7.75
Miller **	T.	−0.37	0.20	−0.21	1.96	+1.24	1.62	−0.15	2.91	−0.10	2.28	−0.93	3.84	+1.50	0.67	−1.74	1.85	+0.41	0.10	−1.06	0.17	−0.40	0.63	+0.26	16.23	−1.55
Mitchell	0.06	−0.48	0.50	−0.19	2.45	+1.37	0.67	−1.98	2.45	−0.92	1.80	−2.35	6.61	+3.26	3.71	+1.07	0.73	−1.42	0.01	−1.58	0.22	−0.51	0.53	+0.04	19.77	−3.69
Onaka	$0.19	−0.39	$0.18	−0.60	$1.27	+0.33	0.71	−1.71	1.76	−1.60	1.33	−2.22	2.23	−0.76	1.32	−1.47	0.92	−0.91	0.05	−1.33	0.02	−0.66	1.08	+0.61	11.06	−10.71
Parkston	0.33	−0.51	0.63	−0.30	2.29	+0.91	0.59	−2.16	2.02	−0.94	1.73	−1.70	4.74	+1.82	4.40	+1.69	1.80	−0.92	T.	−1.81	0.20	−0.53	0.91	+0.28	19.14	−4.17
Pukwana	0.02		0.25		0.99		0.59		2.29		1.62		3.65		2.95		0.23		T.		0.29		0.60		13.48	
Raymond	0.04		0.00		0.70		0.44		2.60		2.70		3.57		0.82		1.26		T.		0.11		0.40		12.63	
Redfield	0.07	−0.38	0.03	−0.56	1.98	+1.10	0.71	−1.24	2.48	−0.30	1.98	−1.27	4.15	+1.51	0.47	−2.20	1.42	−0.41	0.02	−1.34	0.17	−0.47	0.72	+0.24	14.20	−5.32
Sioux Falls	0.35	−0.28	0.48	−0.23	2.42	+1.20	1.08	−1.53	1.80	−2.07	1.65	−2.78	3.82	+0.58	4.70	+1.83	3.56	+0.94	T.	−1.67	0.06	−1.01	0.81	+0.08	20.73	−4.94
Sisseton	0.40	−0.15	0.55	−0.18	1.26	+0.02	2.00	−0.03	3.84	+0.75	3.09	−0.71	2.28	−1.13	0.77	−2.24	1.03	−0.90	T.	−1.69	0.47	−0.06	0.81	+0.11	16.50	−6.20
Tyndall	0.35	−0.06	0.37	−0.18	2.74	+1.54	1.03	−1.55	1.96	−2.04	1.38	−2.36	4.11	+0.76	5.14	+1.86	1.27	−0.96	T.	−2.04	0.44	−0.38	0.77	+0.21	19.56	−5.20
Vermilion	0.12	−0.45	0.30	−0.55	2.89	+1.67	0.83	−1.92	2.60	−1.29	0.90	−3.18	4.54	+1.65	2.74	−0.14	2.87	−0.90	0.02	−1.78	0.08	−1.05	0.69	−0.05	18.08	−8.59
Victor	0.34		0.24		2.13		1.53		2.86		1.21		2.08		3.75		0.61		0.02		0.43		0.95		16.16	
Wagner	0.70	−0.19	0.70	−0.03	3.30	+1.84	0.58	−2.13	2.41	−0.94	2.00	−1.26	8.04	+5.50	3.00	+0.51	2.60	+0.33	T.	−1.55	T.	−1.05	1.25	+0.39	24.58	+1.45
Watertown	0.11	−0.44	T.	−0.52	0.70	−0.09	0.70	−1.55	2.65	−0.22	1.67	−2.12	1.33	−1.56	1.99	−0.92	2.49	+0.45	0.06	−1.31	0.31	−0.45	0.31	−0.43	12.32	−8.89
Webster (near)	0.21	−0.56	0.15	−0.35	0.94	+0.02	1.21	−0.81	2.26	−0.39	3.37	−0.21	3.23	+0.09	0.91	−2.62	1.58	−0.89	T.	−1.36	0.33	−0.40	0.62	+0.13	14.81	−7.41
Wentworth	0.54	+0.04	T.	−0.51	0.61	−0.30	1.22	−1.04	2.08	−1.53	1.75	−2.48	$2.81	−0.39	$2.95	−0.01	$2.66	+0.06	T.	−1.60	0.11	−0.67	0.86	+0.33	15.62	−8.10
Wessington	0.00		0.00		1.82		1.03		2.09		1.48		2.35		0.48		1.49		0.03		0.25		0.50		11.52	
White Lake	0.21	−0.26	0.26	−0.35	1.26	+0.45	2.21	−0.11	1.80	−0.85	2.59	−1.04	4.33	+1.82	3.15	+0.86	0.20	−1.58	0.04	−1.31	0.20	−0.54	0.55	+0.02	16 71	−2.67
Winner	0.02	−0.39	0.41	−0.15	1.89	+0.27	1.01	−1.38	3.38	+0.93	1.30	−2.11	1.84	−0.74	1.34	−0.91	0.13	−1.30	0.00	−1.57	0.08	−0.38	0.82	+0.41	11.72	−7.32
Yankton	0.38	−0.21	0.17	−0.63	2.66	+1.39	1.15	−1.67	1.38	−2.48	1.65	−2.12	2.84	−0.56	5.12	+2.11	2.05	−0.68	T.	−1.38	0.07	−0.76	0.57	−0.27	18.04	−7.26
Western Division																										
Ardmore	0.04	−0.35	0.29	−0.12	1.32	+0.65	3.18	+1.32	3.39	+0.34	0.54	−2.42	1.25	−0.99	4.30	+2.73	0.21	−0.89	0.03	−1.22	0.19	−0.31	0.17	−0.35	14.91	−1.61
Bellefourche	0.22	−0.20	0.22	−0.09	1.19	+0.37	3.78	+2.35	3.36	+0.96	1.01	−1.58	1.09	−1.11	0.83	−0.64	0.99	−0.44	0.20	−0.81	0.02	−0.53	0.12	−0.37	12.94	−2.09
Belvidere	0.05		0.45		4.59		2.09		2.83		0.29		0.62		2.27		0.55		0.00		0.28		0.77		14.79	
Bison	0.13	−0.34	0.22	−0.29	1.16	+0.24	0.70	−0.36	4.97	+2.36	0.52	−2.07	1.13	−1.46	2.99	+0.54	1.01	−0.87	0.22	−0.62	0.35	−0.16	0.19	−0.23	13.50	−2.76
Camp Crook	0.50	0.00	0.21	−0.21	1.70	+0.72	1.89	+0.85	3.53	+1.13	0.47	−2.46	0.77	−1.12	1.25	−0.16	0.95	−0.17	0.73	+0.01	0.16	−0.28	0.42	+0.07	12.57	−1.61
Cedar View	0.06		$0.40		$2.99		2.05		3.55		0.67		1.19		3.05		0.29		0.00		0.05		0.10		14.40	
Cottonwood	0.24	−0.16	0.30	−0.05	1.68	+1.17	2.72	+0.84	4.65	+1.98	0.56	−2.07	0.43	−1.91	3.14	+1.19	0.32	−0.89	0.03	−0.99	0.27	−0.20	0.19	−0.19	14.53	−1.28
Custer	0.52	+0.08	0.27	−0.22	0.87	+0.11	3.24	+1.39	6.22	+3.33	0.30	−2.57	2.61	−1.04	4.76	+2.28	0.55	−0.97	T.	−1.22	0.17	−0.37	0.12	−0.24	19.63	+0.56
Deerfield	0.38	−0.30	0.64	+0.19	0.56	−0.25	3.73	+1.95	4.81	+2.14	2.89	−0.58	3.32	+0.17	2.31	−0.04	0.76	−0.83	T.	−1.26	0.13	−0.51	0.27	−0.17	19.80	+0.51
Dowling	0.02	−0.58	0.17	−0.35	0.64	−0.24	1.45	−0.25	2.76	−0.35	1.13	−2.21	0.18	−2.39	1.15	−1.35	0.60	−0 74	T.	−1.16	0.23	−0.47	0.05	−0.48	8.38	−10.57
Dumont	1.60	+0.17	0.70	−0.59	1.20	−0.58	3.20	+0.83	4.00	+1.21	0.80	−2.62	0.59	−2.73	1.17	−1.01	0.06	−1.69	0.30	−1.11	0.36	−0.67	0.85	−0.38	14.83	−9.17
Dupree	0.38	−0.54	0.30	−0.30	2.70	+1.90	1.33	−0.23	3.19	+1.14	0.44	−3.23	0.88	−1.26	5.31	+3.44	1.01	−0.24	0.12	−0.95	0.34	−0.60	0.27	−0.49	16.27	−1.36
Faith	0.10		T.		2.32		1.55		2.65		0.60		0.40		1.90		0.99		T.		0.60		0.20		11.22	
Glenham	0.17		0.20		0.97		1.03		3.02		2.00		2.62		0.77		0.45		0.11		0.09		0.18		11.61	
Hardy Ranger Station	2.18	+0.39	1.32	+0.14	1.91	+0.28	3.24	+1.30	4.32	+1.95	1.66	−1.06	0.50	−1.77	2.16	+0.34	1.10	−0.59	0.50	−1.12	0.80	−0.26	0.81	−0.43	20.50	−0.83
Harveys Ranch	1.30	−0.31	1.00	−0.39	2.65	+0.83	5.83	+3.37	8.22	+4.91	1.96	−2.09	0.47	−3.13	2.01	−0.29	1.10	−0.47	0.33	−1.08	0.80	−0.33	0.70	−0.32	26.37	+0.70
Hopewell	0.12	−0.51	0.09	−0.51	2.5	+1.66	1.29	−0.56	2.64	−0.12	1.65	−0.94	2.17	+0.01	1.58	−0.41	0.60	−0.70	0.05	−1.10	0.37	−0.22	0.23	−0.32	13.29	−3.72
Hot Springs	0.10	−0.68	0.70	+0.23	1.97	+1.05	4.07	+2.12	5.18	+2.12	1.19	−1.84	1.24	−1.13	6.89	+4.93	0.14	−0.97	0.15	−1.37	0.43	−0.26	0.40	−0.20	22.76	+4.07
Lead	0.48	−0.65	1.04	+0.09	2.09	+0.32	4.39	+1.51	7.43	+3.61	2.16	−1.60	1.78	−1.22	3.18	+0.99	0.68	−1.39	0.48	−1.36	0.61	−0.51	0.61	−0.43	24.32	−0.51
Lemmon	0.60	−0.06	0.30	−0.21	0.78	+0.05	1.31	+0.09	2.83	+0.52	0.37	−1.30	0.56	−1.17	1.83	+0.41	1.74	+0.35	0.32	−0.55	0.40	−0.13	0.60	+0.07	11.58	−1.93
Ludlow	0.28		0.24		0.50		0.62		3.10		0.59		0.69		1.10		0.56		0.91		0.61		0.08		9.17	
McIntosh	0.20	−0.25	T.	−0.51	$1.10	+0.16	0.75	−0.87	2.70	−0.02	0.75	−2.73	1.60	−0.11	0.75	−1.19	$1.08	−0.46	$0.18	−0.88	0.10	−0.35	0.45	−0.07	9.66	−7.28
McLaughlin	0.40	−0.08	0.20	−0.34	1.01	+0.29	0.73	−0.91	2.29	−0.26	0.86	−2.61	1.56	−0.38	$0.66	−1.04	0.75	−1.17	0.20	−1.04	0.26	−0.50	0.42	−0.04	9.34	−8.08
Mobridge	0.06	−0.68	0.10	−0.68	1.06	+0.11	1.16	−0.74	2.59	−0.22	1.12	−1.93	1.59	−0.36	0.57	−2.07	0.61	−0.61	0.16	−1.08	T.	−0.40	0.19	−0.22	9.21	−8.88
Murdo	0.10	−0.53	0.60	−0.02	2.70	+1.79	1.18	−1.19	3.00	+0.03	0.75	−2.31	0.20	−2.48	1.22	−0.61	0.45	−0.95	0.00	−1.60	0.45	−0.18	1.00	+0.41	11.65	−7.61
Newell	0.08	−0.41	0.10	−0.17	0.96	+0.27	3.41	+2.01	7.61	+4.68	1.22	−1.91	1.56	−1.49	2.61	+0.92	0.93	−0 57	0.38	−1.08	0.17	−0.58	0.18	−0.25	19.21	+1.42
Oelrichs	0.09	−0.86	0.40	−0.44	1.10	−0.23	4.85	+2.07	7.68	+4.61	0.70	−2.78	0.55	−1.86	4.12	+2.70	T.	−1.28	0.27	−1.08	0.10	−0.70	0.20	−0.53	19.47	−0.38
Onida	T.	−0.38	0.09	−0.60	1.86	+1.17	0.81	−1.30	2.38	−0.67	1.96	−1.32	1.24	−1.27	1.85	−0.21	0.70	−0.35	0.10	−1.07	0.17	−0.21	0.79	+0.58	11.95	−5.63
Orman	0.08	−0.43	0.13	−0.17	1.39	+0.67	4.73	+3.26	5.55	+2.85	1.28	−1.25	0.31	−1.91	1.57	+0.15	1.03	−0.39	0.24	−0.85	0.31	−0.13	0.11	−0.38	16.73	+1.42
Ottumwa	T.	−0.59	0.10	−0.55	3.12	+2.36	1.99	−0.48	2.23	−0.85	1.36	−0.88	0.23	−1.60	0.99	−1.51	0.37	−0.77	0.00	−1.11	0.28	−0.40	T.	−0.57	10.07	−6.95
Pierre	0.03	−0.43	0.25	−0.21	2.21	+1.38	1.25	−0.56	2.16	−0.33	2.32	−0.64	1.39	−1.29	4.28	+2.19	0.82	−0.28	0.05	−0.77	0.44	−0.03	0.87	+0.37	16.10	−0.60
Pine Ridge	T.	−0.31	0.25	−0.17	0.53	−0.31	2.40	+0.58	3.23	+0.49	0.23	−2.63	1.46	−1.06	4.25	+2.43	0.25	−1.12	0.28	−1.16	0.02	−0.28	0.32	−0.27	13.22	−3.81
Pollock	0.49	−0.04	0.26	−0.23	0.56	−0.10	0.96	−0.50	2.22	+0.06	1.53	−1.78	1.35	−0.80	0.61	−1.20	1.22	−0.55	0.06	−1.12	0.21	−0.33	0.12	−0.32	9.59	−6.86
Rapid City	0.06	−0.39	0.35	−0.13	1.36	+0.39	2.78	+0.75	6.51	+2.95	1.14	−2.19	2.05	−0.34	3.00	+1.39	0.11	−1.09	0.17	−0.77	0.12	−0.37	0.23	−0.21	17.88	−0.10
Redig	0.45	−0.23	0.35	−0.07	1.30	+0.24	2.50	+1.22	3.11	+0.95	0.47	−2.19	0.33	−1.71	1.25	−0.19	1.32	+0.23	0.63	−0.27	0.41	−0.22	0.51	−0.01	12.63	−2.25
Rochford	0.69	−0.22	0.73	−0.11	1.46	+0.26	3.83	+1.72	4.93	+1.87	2.16	−1.06	1 99	−1.07	4.01	+1.67	0.28	−1.27	0.16	−1.11	0.53	−0.40	0.34	−0.43	21.11	−0.15
Spearfish	0.22	−0.52	0.59	−0.20	4.37	+2.88	8.86	+1.55	5.50	+2.10	2.21	−1.49	1.63	−0.62	0.97	−0.80	0.97	−0.68	0.39	−1.12	0.24	−0.61	0.43	−0.34	21.38	+0.25
Strool(near)	0.33	−0.39	0.13	−0.57	1.03	−0.76	2.48	+1.02	3.89	+1.19	0.84	−2.29	0.43	−1.94	1.14	−0.28	0.85	−0.61	0.51	−0.55	0.58	+0.16	0.18	−0.51	12.34	−5.53
Timber Lake	0.29	−0.52	0.15	−0.31	2.02	+0.93	1.39	−0.80	3.04	−0.40	1.00	−2.49	2.36	+0.31	0.72	−1.68	1.09	−0.43	0.16	−0.93	0.36	−0.06				
Vale	0.10	−0.32	0.15	−0.15	1.72	+0.87	3.66	+2.06	7.83	+4.81	0.77	−2.30	2.07	−0.06	1.78	+0.17	0.52	−1.17	0.25	−1.08	0.11	−0.39	0.45	−0.02	19.35	+2.42
Vivian	T.	−0.46	0.17	−0.29	2.12	+1.35	1.72	−0.76	3.87	+0.72	1.37	−2.27	2.12	−0.24	1.33	−0.56	1.09	−0.30	0.03	−1.52	0.37	−0.29	0.70	+0.35	14.89	+4.27
Waters Ranch	0.31	−0.48	0.40	−0.20	1.79	+0.49	4.48	+2.46	3.15	+0.46	1.46	−1.60	0.26	−2.26	0.81	−1.10	1.04	−1.05	0.27	−1.32	0.38	−0.42	0.44	−0.34	14.82	−5.45
Wood	T.	−0.54	0.27	−0.37	2.16	+1.20	1.16	−1.26	3.02	0.00	0.42	−2.65	1.17	−1.49	1.43	−1.06	0.06	−1.29	0.00	−1.43	0.11	−0.79	0.64	+0.10	10.44	−9.58
For the State	0.25	−0.31	0.32	−0.26	1.62	+0.50	1.67	−0.50	3.15	+0.11	1.48	−2.07	2.34	−0.29	2.35	+0.02	1.21	−0.48	0.12	−1.19	0.24	−0.44	0.56	−0.02	15.31	−5.00

ΔΔΔ The normal precipitation for Aberdeen appears to be too high except for the months of August and September.

Monthly and Annual Precipitation for the Year 1934, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen ΔΔΔ	0.20	-0.62	0.01	-0.91	1.43	-0.13	0.35	-2.63	0.78	-2.66	4.62	+0.57	1.40	-1.78	0.88	-2.10	2.45	+0.40	1.41	-0.26	0.88	-0.09	0.50	-0.27	14.91	-10.48
Academy	0.20	-0.20	0.10	-0.51	1.20	+0.12	0.25	-2.14	0.62	-2.40	3.46	-0.43	1.63	-1.30	1.69	-1.10	1.50	-0.16	1.00	-0.51	0.32	-0.32	T.	-0.65	11.97	-9.60
Alexandria	0.20	-0.40	0.05	-0.53	1.11	-0.05	T.	-2.73	3.22	-0.17	2.52	-1.75	2.16	-0.94	2.15	-0.42	5.33	+3.10	0.72	-0.88	0.82	+0.19	0.19	-0.35	18.47	-4.93
Arlington	0.42	.....	0.10	.....	1.82	.....	0.07	.....	1.00	.....	3.31	.....	3.41	.....	0.62	.....	4.82	.....	1.76	.....	0.60	.....	0.38	.....	18.21	.....
Armour	0.11	-0.44	0.15	-0.52	1.03	-0.14	0.07	-2.33	2.42	-0.87	4.02	+0.05	2.13	-0.74	3.21	+0.28	4.34	+2.37	0.56	-1.15	0.91	+0.11	0.04	-0.73	18.99	-4.11
Ashton	0.05	.....	0.04	.....	0.78	.....	0.09	.....	0.93	.....	3.53	.....	1.73	.....	2.41	.....	2.13	.....	2.00	.....	0.91	.....	0.64	.....	15.24	.....
Bowdle	0.05	-0.48	0.05	-0.46	0.51	-0.66	0.03	-1.83	0.40	-2.36	2.40	-1.42	1.27	-1.30	0.04	-2.84	1.42	-0.16	2.19	+0.89	0.23	-0.24	0.16	-0.30	8.75	-11.16
Britton	0.04	-0.49	0.02	-0.65	0.55	-0.08	0.21	-1.54	0.36	-2.64	6.14	+2.43	0.80	-1.70	0.90	-1.62	1.97	-0.38	1.41	+0.07	0.67	-0.13	0.19	-0.27	13.26	-7.00
Brookings	0.21	-0.21	0.05	-0.40	0.47	-0.26	0.14	-1.94	1.49	-1.48	4.77	+0.89	3.56	+0.98	0.82	-1.76	4.38	+2.31	1.26	-0.06	0.38	-0.25	0.18	-0.29	17.71	-2.47
Canistota	0.30	-0.42	0.15	-0.49	1.23	+0.26	0.29	-1.83	1.89	-0.88	3.92	+0.10	3.62	+1.93	2.62	+0.03	7.25	+4.96	0.58	-0.58	0.64	-0.54	0.64	-0.02	23.13	+2.52
Canton	0.67	+0.18	0.13	-0.41	0.44	-0.83	0.38	-2.02	0.32	-3.44	6.65	+2.04	3.95	+0.55	2.63	-0.03	2.31	-0.11	0.73	-1.00	1.14	+0.13	0.85	+0.26	20.20	-4.68
Castlewood	0.29	-0.19	0.04	-0.40	1.11	+0.26	0.18	-2.18	1.27	-1.36	2.85	-1.37	2.83	-0.20	2.45	-0.33	3.84	+1.52	1.42	+0.12	0.41	-0.58	0.37	+0.01	17.06	-4.70
Centerville	0.35	-0.25	0.36	-0.60	1.42	+0.23	1.00	-1.07	0.50	-3.29	7.20	+3.00	2.38	-1.18	1.97	-1.00	5.06	+2.38	1.31	-0.32	0.43	-0.51	0.40	-0.36	22.38	-2.87
Clark	0.30	-0.45	0.04	-0.65	0.83	-0.32	0.10	-2.10	0.77	-2.24	3.16	-1.01	2.71	-0.32	0.81	-2.32	2.62	+0.06	0.93	-0.74	0.66	-0.28	0.37	-0.24	13.30	-10.61
De Smet	0.40	-0.22	0.03	-0.55	1.23	+0.21	0.00	-2.23	1.09	-1.84	4.75	+0.59	1.88	-1.01	1.13	-1.37	3.67	+1.61	1.13	-0.55	0.35	-0.36	0.18	-0.44	15.84	-6.16
Eureka	T.	-0.34	0.01	-0.44	0.49	-0.05	0.03	-1.47	0.25	-1.97	2.61	-0.27	0.72	-1.62	0.39	-1.85	0.90	-0.79	1.64	+0.57	0.15	-0.31	0.14	-0.25	7.33	-8.79
Fairfax	0.65	+0.07	0.32	-0.28	0.89	-0.03	T.	-2.35	4.11	+0.72	2.04	-2.19	1.01	-1.99	1.95	-0.83	4.82	+3.13	0.32	-1.30	0.46	-0.12	0.15	-0.37	16.62	-5.53
Faulkton	T.	-0.47	0.10	-0.54	0.62	-0.60	T.	-2.54	0.45	-2.49	2.90	-0.57	1.09	-1.27	0.14	-2.20	2.41	+0.97	1.21	-0.04	0.59	-0.11	0.13	-0.30	9.64	-10.16
Flandreau	0.40	-0.04	0.05	-0.44	0.89	-0.08	0.28	-2.17	0.49	-3.04	4.19	+0.09	5.47	+2.70	1.89	-0.94	7.43	+5.05	0.98	-0.58	0.78	-0.19	0.32	-0.26	23.17	+0.10
Forestburg	0.10	-0.53	0.10	-0.53	1.29	+0.26	T.	-2.40	0.66	-2.52	3.37	-0.44	2.06	-0.76	1.22	-1.10	2.18	+0.31	0.58	-0.84	0.49	-0.23	0.25	-0.27	12.30	-9.05
Gannvalley	0.20	-0.40	0.10	-0.40	0.70	-0.17	1.14	-0.64	0.30	-2.70	3.29	-0.29	2.18	-1.05	1.86	-0.83	1.85	+0.27	1.49	+0.35	0.55	-0.14	0.16	-0.43	13.82	-6.43
Geddes	0.25	.....	0.10	.....	1.20	.....	0.02	.....	2.72	.....	2.95	.....	1.09	.....	2.72	.....	4.99	.....	0.68	.....	0.43	.....	0.04	.....	17.19	.....
Gelhaus Farm	0.05	.....	T.	.....	1.07	.....	0.24	.....	0.44	.....	4.60	.....	2.89	.....	2.21	.....	2.59	.....	1.69	.....	0.63	.....	0.36	.....	16.77	.....
Gettysburg	T	-0.61	0.15	-0.52	0.63	-0.09	0.10	-1.43	0.65	-2.02	1.49	-1.66	1.82	-1.15	1.03	-0.90	0.88	-0.20	1.30	+0.05	0.10	-0.43	0.35	-0.15	8.00	-9.11
Gregory	0.18	.....	0.19	.....	0.89	.....	0.21	.....	0.82	.....	3.55	.....	2.32	.....	2.66	.....	3.07	.....	1.18	.....	0.17	.....	0.09	.....	15.33	.....
Highmore	T.	-0.38	0.10	-0.25	0.76	-0.18	0.27	-1.56	0.39	-2.32	2.73	-0.53	4.33	+1.84	1.05	-1.14	1.12	-0.34	1.76	+0.61	0.46	-0.06	0.21	-0.16	13.18	-4.47
Howard	0.39	-0.02	0.20	-0.32	1.11	+0.12	T.	-2.24	0.67	-2.12	3.38	-0.55	2.63	-0.56	2.92	+0.37	4.15	+1.84	0.44	-1.20	0.36	-0.24	0.50	+0.01	16.75	-4.91
HURON	0.06	-0.50	0.11	-0.43	0.84	-0.07	0.03	-2.21	0.65	-2.33	2.52	-1.27	2.11	-1.05	1.45	-1.01	1.52	-0.05	0.41	-0.87	0.74	+0.15	0.27	-0.30	10.71	-9.94
Ipswich	0.00	-0.43	T.	-0.48	0.50	-0.40	0.02	-2.02	1.25	-2.11	3.57	+0.13	1.12	-1.38	0.75	-1.90	1.78	+0.10	0.98	-0.19	0.32	-0.18	0.07	-0.23	10.36	-9.09
Kennebec	0.30	-0.26	0.30	-0.22	1.35	+0.52	1.22	-0.72	0.04	-2.44	1.97	-1.18	1.99	-0.35	1.20	-0.81	1.30	+0.11	2.25	+1.16	0.10	-0.38	0.62	+0.10	12.64	-4.47
La Delle	0.05	-0.68	0.02	-0.50	0.73	-0.31	0.13	-2.37	1.11	-2.40	2.78	-2.01	2.41	-0.85	0.53	-2.89	2.85	+0.31	0.58	-1.42	0.65	-0.35	0.16	-0.37	12.00	-13.74
Leola	0.00	-0.47	T.	-0.57	0.39	-0.80	0.15	-2.11	0.98	-2.58	2.13	-0.34	0.71	-1.24	0.66	-2.90	1.61	-0.31	1.21	-0.19	0.84	-0.26	0.07	-0.35	8.25	-12.12
Marion	0.48	-0.15	0.08	-0.96	1.55	+0.03	0.33	-2.13	0.28	-3.56	4.86	+0.10	4.26	+0.61	2.13	-0.85	4.79	+1.90	0.68	-1.19	0.86	-0.25	0.57	-0.13	20.86	-6.57
Mellette	0.05	-0.56	0.10	-0.58	1.29	+0.28	0.19	-2.05	0.57	-2.47	4.98	+1.62	0.76	-2.02	0.68	-1.90	1.85	-0.04	0.84	-0.60	0.89	+0.16	0.24	-0.24	12.44	-8.40
Menno	0.68	+0.13	0.30	-0.47	1.53	+0.45	0.45	-1.80	1.16	-2.44	2.78	-1.42	2.32	-1.04	2.37	-0.56	2.70	+0.26	0.57	-1.12	0.74	-0.16	0.34	-0.32	15.94	-8.48
Milbank	0.14	-0.68	0.04	-0.80	0.51	-0.90	0.50	-1.79	0.71	-2.33	2.29	-1.76	1.31	-1.45	1.56	-1.23	4.13	+2.13	0.71	-0.91	0.61	-0.39	0.44	-0.32	12.95	-10.43
Miller **	T.	-0.37	0.08	-0.33	0.61	-0.11	0.32	-1.45	0.07	-2.94	2.65	-0.56	4.85	+2.51	1.16	-1.25	1.16	-0.28	1.10	-0.06	0.55	-0.02	0.17	-0.20	12.72	-5.06
Mitchell	0.08	-0.46	0.11	-0.58	1.62	+0.54	0.05	-2.60	1.15	-2.22	3.69	-0.46	3.38	+0.03	1.30	-1.34	4.48	+2.33	0.78	-0.84	0.77	+0.04	0.12	-0.37	17.53	-5.93
Onaka	T.	-0.58	T.	-0.78	0.92	-0.02	0.00	-2.42	0.38	-2.98	2.63	-0.92	1.54	-1.45	0.13	-2.66	1.14	-0.69	1.06	-0.32	0.25	-0.43	0.11	-0.36	8.16	-13.61
Parkston	0.32	-0.52	0.17	-0.76	1.18	-0.20	0.14	-2.61	1.84	-1.12	3.34	-0.09	4.09	+1.17	1.82	-0.89	6.03	+3.81	0.54	-1.27	0.66	-0.07	0.25	-0.38	20.38	-2.93
Pukwana	0.17	-0.09	0.06	-0.21	0.79	-0.03	0.25	-0.89	0.52	-1.60	1.73	-1.45	0.80	-1.24	1.44	-0.13	0.66	-0.94	0.98	-0.17	0.26	-0.21	0.18	-0.11	7.84	-7.07
Raymond	T.	.....	0.01	.....	0.47	.....	0.10	.....	0.60	.....	2.39	.....	0.82	.....	0.88	.....	2.74	.....	0.98	.....	0.65	.....	0.11	.....	9.75	.....
Redfield	0.05	-0.40	0.06	-0.53	0.85	-0.03	0.12	-1.83	0.38	-2.40	3.25	+0.00	1.29	-1.85	0.40	-2.27	2.14	+0.31	1.54	+0.18	0.73	+0.09	.....	.....	.....	.....
Roscoe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.07	.....	.....	.....
Sioux Falls	0.55	-0.08	0.10	-0.61	1.21	-0.01	0.31	-2.30	0.10	-3.77	5.80	+1.87	6.24	+3.00	3.62	+0.75	3.93	+1.31	1.16	-0.51	0.68	-0.39	0.91	+0.18	24.61	-1.06
Sisseton	0.22	-0.33	T.	-0.73	1.19	-0.05	0.58	-1.45	0.36	-2.73	3.40	-0.40	0.59	-2.82	2.70	-0.31	2.70	+0.77	2.08	+0.39	1.03	+0.51	0.27	-0.43	15.12	-7.58
Tyndall	0.75	+0.34	0.48	-0.07	1.63	+0.43	0.09	-2.49	1.67	-2.33	3.82	+0.08	3.63	+0.28	2.60	-0.68	2.37	+0.14	0.65	-1.39	0.88	+0.06	0.15	-0.41	18.72	-6.04
Vermillion	0.32	-0.25	0.10	-0.75	1.03	-0.19	1.58	-1.17	1.10	-2.79	7.87	+3.79	2.14	-1.35	1.22	-1.66	4.64	+1.37	0.48	-1.32	1.01	-0.12	0.37	-0.87	21.86	-4.81
Victor	0.22	-0.15	0.01	-0.39	0.73	-0.20	0.48	-1.44	0.48	-1.96	4.15	+0.54	2.73	+0.46	1.92	-1.43	2.11	+0.06	1.23	-0.05	0.82	-0.02	0.34	-0.23	15.22	-4.81
Wagner	0.55	-0.34	0.45	-0.28	§1.20	-0.26	0.20	-2.51	1.62	-1.73	4.63	+1.37	2.72	+0.18	3.41	+0.95	4.82	+2.55	0.43	-1.12	0.75	-0.30	0.20	-0.66	‖20.98	-2.15
Watertown	0.19	-0.36	0.04	-0.48	1.02	+0.23	0.17	-2.08	0.99	-1.88	3.51	-0.28	5.65	+2.76	2.81	-0.10	4.53	+2.49	1.43	+0.06	0.39	-0.37	0.20	-0.27	20.93	-0.28
Webster (near)	0.02	-0.75	T.	-0.50	0.72	-0.20	0.15	-1.90	0.50	-2.15	6.87	+2.76	1.80	-1.84	1.64	-1.89	2.00	-0.47	2.38	+1.02	0.65	-0.08	0.18	-0.31	15.91	-6.31
Wentworth	0.31	-0.19	0.08	-0.43	0.33	-0.61	0.19	-2.07	0.68	-2.93	2.79	-1.44	3.82	+0.62	1.96	-1.00	§6.04	+3.44	0.77	-0.83	§0.51	-0.27	0.55	+0.02	‖18.03	-5.69
Wessington	0.00	.....	0.10	.....	0.69	.....	0.05	.....	0.58	.....	2.47	.....	2.03	.....	1.54	.....	2.14	.....	0.42	.....	0.67	.....	0.24	.....	10.93	.....
White Lake	0.12	-0.35	0.20	-0.41	0.76	-0.05	0.01	-2.09	0.85	-1.80	1.94	-1.60	1.53	-0.98	1.68	-0.61	1.36	-0.42	0.77	-0.58	0.27	-0.47	0.02	-0.51	9.61	-9.87
Winner	0.07	-0.34	0.49	-0.07	0.94	-0.18	0.60	-1.79	0.20	-2.26	1.99	-1.42	0.87	-1.71	2.05	-0.20	1.62	+0.19	1.88	+0.31	0.04	-0.42	0.18	-0.23	10.93	-8.11
Yankton	0.16	-0.44	0.22	-0.58	1.23	-0.04	0.37	-2.45	1.03	-2.83	5.00	+1.23	2.67	-0.73	2.34	-0.67	3.76	+1.03	0.79	-0.59	0.51	-0.32	0.31	-0.53	18.38	-6.92
Western Division																										
Ardmore	0.80	-0.09	0.33	-0.08	0.60	-0.07	1.11	-0.75	0.30	-2.75	3.56	+0.60	3.16	+0.92	2.47	+0.90	1.37	+0.27	1.39	+0.14	0.20	-0.30	0.11	-0.41	14.90	-1.62
Bellefourche	0.31	-0.11	0.07	-0.24	0.83	+0.01	1.65	+0.22	0.06	-2.34	2.31	-0.28	0.47	-1.64	0.30	-1.17	1.27	-0.16	0.29	-0.72	0.44	-0.11	0.46	-0.03	8.46	-6.67
Belvidere	0.11	.....	0.47	.....	1.46	.....	1.00	.....	0.79	.....	2.74	.....	1.73	.....	0.92	.....	0.41	.....	1.74	.....	0.20	.....	0.11	.....	11.68	.....
Bison	T.	-0.47	0.03	-0.48	0.36	-0.56	0.30	-0.76	0.48	-2.13	2.42	-0.17	0.61	-1.98	T.	-2.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camp Crook	0.10	-0.40	0.03	-0.39	1.01	+0.03	0.80	-0.24	0.04	-2.36	2.56	-0.37	0.40	-1.49	0.20	-1.20	0.96	-0.16	§0.10	-0.62	0.15	-0.28	0.15	-0.20	‖6.50	-7.68
Cedar View	0.14	.....	0.52	.....	0.83	.....	0.69	.....	0.33	.....	2.28	.....	2.28	.....	2.87	.....	1.31	.....	1.98	.....	0.06	.....	0.26	.....	13.55	.....
Cottonwood	0.38	-0.02	0.20	-0.15	1.15	+0.64	0.39	-1.49	0.45	-2.22	4.69	+2.06	1.01	-1.33	1.35	-0.60	0.26	-0.95	1.41	+0.39	0.50	+0.03	0.20	-0.18	11.99	-8.82
Custer	0.18	-0.26	0.24	-0.25	1.34	+0.58	0.58	-1.27	0.11	-2.78	2.08	-0.79	1.92	-1.73	1.19	-1.29	1.01	-0.51	2.90	+1.68	0.16	-0.38	0.56	+0.20	12.27	-6.80
Deerfield	0.39	-0.29	0.26	-0.19	0.70	-0.11	0.75	-1.03	0.67	-2.00	4.78	+1.31	0.41	-2.74	2.10	-0.25	1.16	-0.43	1.34	+0.08	0.30	-0.34	0.43	-0.01	13.29	-6.00
Dowling	0.07	-0.53	0.02	-0.60	0.28	-0.60	0.42	-1.28	0.52	-2.59	1.97	-1.37	1.52	-1.05	0.76	-1.74	0.51	-0.83	1.45	+0.29	0.30	-0.40	0.15	-0.38	7.97	-10.98
Dumont	1.30	-0.13	0.46	-0.83	1.20	-0.58	0.88	-1.49	0.42	-2.37	3.33	-0.09	0.29	-3.03	1.45	-0.73	1.24	-0.61	0.55	-0.86	0.55	-0.48	0.93	-0.30	12.60	-11.40
Dupree	0.08	-0.84	0.04	-0.56	1.28	+0.48	0.54	-1.02	0.07	-1.98	3.08	-0.59	0.41	-1.73	0.22	-1.65	0.59	-0.66	1.51	+0.44	0.45	-0.49	0.32	-0.44	8.59	-9.04
Faith	0.25	.....	T.	.....	1.38	.....	0.57	.....	0.83	.....	1.96	.....	1.63	.....	0.36	.....	0.34	.....	1.32	.....	0.27	.....	0.14	.....	8.95	.....
Glenham	T	.....	0.04	.....	0.30	.....	T.	.....	0.33	.....	2.20	.....	1.16	.....	0.05	.....	0.31	.....	0.87	.....	0.03	.....	0.07	.....	5.36	.....
Hardy Ranger Station	1.29	-0.50	0.57	-0.61	1.20	-0.43	1.23	-0.71	0.46	-1.91	4.31	+1.59	0.87	-1.40	3.24	+1.42	0.57	-1.12	1.02	-0.60	0.69	-0.37	0.91	-0.33	16.36	-4.97
Harveys Ranch	1.00	-0.61	0.50	-0.89	1.50	-0.32	2.10	-0.86	0.76	-2.55	6.07	+2.02	0.30	-3.80	1.14	-1.16	2.35	+0.78	1.05	-0.86	1.15	+0.02	0.82	-0.20	18.74	-6.93
Hopewell	0.10	-0.53	0.10	-0.50	0.63	-0.21	0.24	-1.61	0.40	-2.36	2.59	0.00	2.65	+0.49	0.80	-1.19	0.28	-1.02	2.59	+1.44	0.21	-0.38	0.45	-0.10	11.04	-5.97
Hot Springs	0.35	-0.43	0.70	+0.23	1.66	+0.74	0.64	-1.24	0.35	-2.71	2.53	-0.50	1.83	-0.54	1.20	-0.76	0.80	-0.61	0.83	-0.69	0.22	-0.47	0.34	-0.26	11.45	-7.24
Lead	1.32	+0.19	0.42	-0.53	1.45	-0.32	1.38	-1.50	0.47	-3.35	3.97	+0.32	0.73	-2.27	1.04	-1.15	1.09	-0.88	1.99	+0.16	0.84	-0.28	0.52	-0.52	15.22	-10.14
Lemmon	0.41	-0.25	T.	-0.61	1.27	+0.64	0.11	-1.11	0.08	-2.23	3.00	+1.33	1.44	-0.23	0.86	-0.56	0.37	-1.02	0.81	-0.06	0.12	-0.41	0.20	-0.33	8.67	-4.84
Ludlow	T.	.....	T.	.....	0.46	.....	0.19	.....	0.50	.....	4.17	.....	0.61	.....	1.13	.....	0.41	.....	0.10	.....	0.15	.....	0.05	.....	7.77	.....
McIntosh	T.	-0.45	0.10	-0.41	0.53	-0.41	.....	.....	0.05	-2.67	3.18	-0.30	0.60	-1.11	0.25	-1.69	.....	.....	.....	.....	.....	.....	0.10	-0.42	.....	.....
McLaughlin	T.	-0.48	§0.04	-0.50	§0.45	-0.27	§0.08	-1.56	T.	-2.55	1.52	-1.95	0.45	-1.49	0.04	-1.66	0.18	-1.74	1.39	+0.15	0.12	-0.64	0.20	-0.26	‖4.47	-12.95
Martin	.....	.....	0.63	.....	1.06	.....	0.63	.....	0.40	.....	3.93	.....	1.96	.....	2.57	.....	1.13	.....	2.65	.....	0.14	.....	0.10	.....	.....	.....
Mobridge	0.00	-0.74	0.03	-0.75	0.48	-0.47	0.12	-1.78	0.24	-2.57	1.42	-1.63	1.36	-0.59	0.21	-2.43	0.34	-0.88	1.68	+0.44	0.07	-0.33	0.20	-0.21	6.15	-11.94
Murdo	0.10	-0.53	0.55	-0.07	0.90	-0.01	0.80	-1.57	0.30	-2.67	1.51	-1.55	1.65	-1.03	0.20	-1.63	0.90	-0.50	3.35	+1.75	0.05	-0.58	0.10	-0.49	10.41	-8.85
Newell	0.29	-0.20	0.03	-0.24	0.97	+0.28	1.38	-0.02	0.30	-2.63	3.65	+0.52	1.82	-1.23	0.31	-1.38	1.09	-0.41	1.80	+0.34	0.47	-0.28	0.47	+0.04	12.58	-5.21
Oelrichs	0.49	-0.37	0.20	-0.64	1.91	+0.58	1.05	-1.23	0.84	-2.23	2.76	-0.72	2.80	+0.39	1.50	+0.08	0.80	-0.48	1.35	0.00	0.35	-0.45	0.05	-0.68	14.10	-5.75
Onida	0.03	-0.35	0.18	-0.51	0.63	-0.06	0.57	-1.54	1.51	-1.54	2.66	-0.62	2.03	-0.48	0.64	-1.42	0.97	-0.08	1.31	+0.14	.....	.....	.....	.....	.....	.....
Orman	0.49	-0.02	0.06	-0.24	1.37	+0.65	1.49	+0.02	0.06	-2.64	3.23	+0.70	0.60	-1.62	0.98	-0.44	1.43	+0.01	0.74	-0.35	0.57	+0.13	0.36	-0.13	11.38	-3.93
Ottumwa	T.	-0.59	0.30	-0.35	0.50	-0.26	0.31	-1.56	0.36	-2.72	2.86	+0.62	3.69	+1.86	0.29	-2.21	0.37	-0.77	1.90	+0.79	0.06	-0.62	0.10	-0.47	10.74	-6.28
Pierre	0.01	-0.45	0.18	-0.28	0.96	+0.10	0.80	-1.01	0.38	-2.11	1.80	-1.16	0.81	-1.87	0.62	-1.47	1.86	+0.76	1.23	+0.41	0.20	-0.27	0.41	-0.09	9.26	-7.44
Pine Ridge	0.29	-0.02	0.29	-0.13	1.07	+0.23	0.60	-1.22	0.43	-2.31	2.48	-0.88	2.87	+0.35	1.49	-0.33	0.48	-0.89	1.12	-0.82	T.	-0.30	T.	-0.59	11.12	-5.91
Pollock	T.	-0.53	T	-0.49	0.38	-0.28	T.	-1.46	0.06	-2.10	1.18	-2.08	0.99	-1.16	0.00	-1.81	0.46	-1.31	3.30	+2.12	0.00	-0.54	0.09	-0.35	6.46	-9.99
Rapid City	0.19	-0.26	0.41	-0.07	0.64	-0.33	1.17	-0.86	0.44	-3.12	3.45	+0.12	0.59	-1.80	0.43	-1.27	0.98	-0.82	1.07	+0.73	0.39	-0.10	0.44	0.00	10.20	-7.78
Redig	0.05	-0.63	0.17	-0.25	0.80	-0.26	0.70	-0.58	0.66	-1.50	3.35	+0.69	1.04	-1.00	0.70	-0.74	0.96	-0.13	0.20	-0.70	0.52	-0.11	0.49	-0.03	9.64	-5.24
Rochford	0.39	-0.52	0.34	-0.50	0.74	-0.46	0.92	-1.19	0.36	-2.70	4.90	+1.68	0.73	-2.33	1.13	-1.21	1.04	-0.51	1.56	+0.29	0.57	-0.36	0.83	+0.06	13.51	-7.75
Spearfish	§0.85	+0.11	0.30	-0.49	1.23	-0.26	1.21	-1.10	0.15	-3.25	5.09	+1.39	0.96	-1.29	0.64	-1.13	2.19	+0.64	1.07	-0.44	0.66	-0.19	0.47	-0.30	‖14.82	-6.31
Strool (near)	0.02	-0.70	0.10	-0.60	0.87	-0.92	0.44	-1.02	0.31	-2.40	3.29	+0.16	0.87	-1.49	0.07	-1.35	0.51	-0.95	T.	-1.06	0.16	-0.26	0.16	-0.48	6.80	-11.07
Timber Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.63	-1.77	.....	.....	.....	.....	.....	.....	0.36	-0.11	.....	.....
Vale	0.52	+0.10	0.14	-0.16	1.31	+0.46	1.62	+0.08	0.22	-2.80	4.57	+1.50	0.87	-1.26	1.35	-0.26	0.80	-0.89	2.68	+1.35	0.60	0.00	0.45	-0.02	15.03	-1.90
Vivian	0.03	-0.43	0.20	-0.26	1.08	+0.31	1.46	-1.02	0.61	-2.54	1.70	-1.94	0.83	-1.53	0.52	-1.37	1.28	-0.11	1.89	+0.34	0.37	-0.29	0.40	+0.05	10.37	-8.79
Waters Ranch	0.79	-0.03	0.33	-0.27	0.65	-0.65	1.18	-0.87	0.25	-2.44	4.48	+1.42	0.57	-1.95	0.31	-1.60	2.05	-0.05	0.08	-1.57	0.75	-0.05	0.60	-0.18	12.03	-8.24
Wood	0.10	-0.44	0.20	-0.44	0.98	+0.02	1.31	-1.11	0.52	-2.50	0.83	-2.24	0.37	-2.29	1.06	-1.48	1.52	+0.17	1.68	+0.25	0.22	-0.68	0.13	-0.41	8.92	-11.10
For the State	0.25	-0.30	0.17	-0.40	0.96	-0.15	0.50	-1.63	0.69	-2.30	3.35	-0.19	1.88	-0.73	1.32	-0.99	2.11	+0.41	1.27	-0.04	0.47	-0.20	0.30	-0.27	13.27	-6.88

ΔΔΔ The normal precipitation for Aberdeen appears to be too high except for the months of August and September.

Monthly and Annual Precipitation for the Year 1935, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen ΔΔΔ	0.33	−0.49	0.80	−0.12	2.23	+0.67	4.98	+2.00	2.62	−0.82	3.75	−0.30	3.95	+0.77	2.23	−0.75	0.13	−1.92	0.10	−1.57	1.14	+0.17	1.86	+1.09	24.12	−1.27
Academy	0.20	−0.20	1.40	+0.79	0.98	−0.10	5.79	+3.40	3.87	+0.85	2.63	−1.26	0.85	−2.08	0.83	−1.96	0.81	−0.85	0.08	−1.43	0.83	+0.19	1.05	+0.40	19.32	−2.25
Alexandria	0.30	−0.30	0.41	−0.17	1.50	+0.34	3.69	+0.96	2.66	−0.73	3.40	−0.87	1.67	−1.43	5.42	+2.85	0.88	−1.35	0.40	−1.20	0.61	−0.02	0.63	+0.09	21.57	−1.83
Arlington	0.36	......	0.42	......	1.63	......	4.72	......	1.84	......	3.75	......	2.84	......	5.02	......	0.00	......	0.16	......	1.00	......	0.75	......	22.49	......
Armour	0.10	−0.45	0.57	−0.10	0.78	−0.39	4.35	+1.95	2.76	−0.53	4.54	+0.57	0.68	−2.19	4.53	+1.60	0.96	−1.01	0.32	−1.39	0.68	−0.12	0.61	−0.16	20.88	−2.22
Ashton	0.37	−0.04	0.73	+0.38	2.36	+1.54	6.22	+4.58	2.05	−0.09	5.44	+2.37	2.69	+0.78	1.93	−0.36	0.19	−1.48	0.17	−1.47	0.69	+0.26	0.70	+0.03	23.50	+6.50
Bowdle	0.02	−0.51	0.98	+0.47	1.43	+0.26	4.13	+2.27	1.78	−0.98	3.71	−0.11	2.81	+0.24	1.23	−1.65	0.28	−1.30	0.09	−1.21	0.34	−0.13	0.39	−0.07	17.19	−2.72
Britton	0.39	−0.14	0.45	−0.22	2.08	+1.45	4.05	+2.30	1.69	−1.31	2.72	−0.99	2.37	−0.13	3.13	+0.61	0.37	−1.98	0.30	−1.04	0.42	−0.38	0.78	+0.32	18.75	−1.51
Brookings	0.32	−0.10	0.16	−0.29	1.47	+0.74	3.47	+1.39	2.11	−0.86	2.75	−1.13	1.66	−0.92	4.19	+1.61	0.04	−2.03	0.23	−1.09	0.43	−0.20	0.62	+0.15	17.45	−2.73
Canistota	0.54	−0.18	0.65	+0.01	1.28	+0.31	3.33	+1.21	2.32	−0.45	3.03	−0.79	2.82	+1.13	7.99	+5.40	1.12	−1.17	0.33	−0.83	0.79	−0.39	0.72	+0.06	24.92	+4.31
Canton	0.54	+0.05	0.63	+0.09	0.53	−0.74	3.69	+1.29	2.25	−1.51	2.94	−1.67	2.01	−1.39	3.44	+0.78	1.65	−0.77	0.51	−1.22	1.32	+0.31	0.48	−0.11	19.99	−4.89
Castlewood	0.48	0.00	0.35	−0.09	2.17	+1.32	3.17	+0.81	1.61	−1.02	5.43	+1.21	4.77	+1.74	2.04	−0.74	0.39	−1.93	0.32	−0.98	0.60	−0.39	0.76	+0.40	22.09	+0.33
Centerville	0.67	+0.07	1.25	+0.39	0.76	−0.43	3.45	+1.38	2.45	−1.34	4.79	+0.59	2.56	−1.00	2.67	−0.30	1.15	−1.53	0.29	−1.34	1.20	+0.26	0.39	−0.37	21.63	−3.62
Clark	0.29	−0.46	0.36	−0.33	1.78	+0.63	5.37	+3.17	1.82	−1.19	5.82	+1.65	2.90	−0.13	2.09	−1.04	0.34	−2.22	0.30	−1.37	0.80	−0.14	0.60	−0.01	22.47	−1.44
De Smet	0.20	−0.42	0.32	−0.26	1.61	+0.59	6.15	+3.92	0.90	−2.03	3.48	−0.68	5.43	+2.54	3.69	+1.19	0.01	−2.02	0.33	−1.35	0.28	−0.43	0.58	−0.04	23.01	+1.01
Eureka	0.13	−0.21	0.32	−0.13	1.29	+0.75	3.25	+1.75	2.52	+0.30	3.47	+0.59	3.38	+1.04	1.09	−1.15	0.24	−1.45	0.04	−1.03	0.26	−0.20	0.17	−0.22	16.16	+0.04
Fairfax	0.25	−0.23	0.72	+0.12	0.65	−0.27	3.82	+1.47	3.38	−0.01	4.63	+0.40	1.85	−1.15	1.33	−1.45	0.43	−1.25	0.18	−1.44	0.65	+0.07	0.48	−0.04	18.37	−3.78
Faulkton	0.22	−0.25	0.38	−0.26	1.32	+0.10	4.43	+1.89	1.86	−1.08	3.31	−0.16	2.78	+0.42	2.73	+0.39	0.05	−1.39	0.10	−1.15	0.32	−0.38	0.54	+0.11	18.04	−1.76
Flandreau	0.50	+0.06	0.34	−0.15	1.19	+0.22	3.99	+1.54	1.74	−1.79	3.77	−0.33	1.10	−1.67	4.24	+1.41	0.26	−2.12	0.23	−1.33	1.11	+0.14	0.79	+0.21	19.26	−3.81
Forestburg	0.25	−0.38	0.41	−0.22	1.79	+0.76	6.26	+3.86	1.49	−1.69	2.21	−1.60	0.72	−2.10	4.01	+1.69	0.25	−1.62	0.36	−1.06	0.66	−0.06	0.82	+0.30	19.23	−2.12
Gannvalley	0.32	−0.28	0.55	+0.05	1.20	+0.33	7.37	+5.59	1.59	−1.41	0.98	−2.60	2.22	−1.01	1.32	−1.37	0.38	−1.20	0.26	−0.88	0.63	−0.06	0.73	+0.14	17.55	−2.70
Geddes	0.05	......	0.46	......	0.55	......	4.16	......	4.43	......	2.27	......	0.52	......	3.72	......	0.70	......	0.41	......	0.75	......	0.75	......	18.77	......
Gelhaus Farm	0.31	......	0.39	......	1.69	......	3.21	......	1.64	......	6.09	......	3.26	......	1.46	......	0.38	......	0.59	......	0.56		0.97	......	20.55	......
Gettysburg	0.01	−0.60	0.40	−0.27	1.25	+0.53	3.35	+1.82	1.37	−1.30	1.13	−2.02	1.51	−0.96	0.31	−1.62	0.11	−0.97	0.02	−1.23	0.37	−0.16	0.49	−0.01	10.32	−6.79
Gregory	0.08	......	0.49	......	0.66	......	3.97	......	3.59	......	3.44	......	2.01	......	0.48	......	0.47	......	0.13	......	0.76	......	0.55	......	16.63	......
Highmore	0.08	−0.30	0.82	+0.47	2.03	+1.09	5.13	+3.30	1.36	−1.35	1.89	−1.37	0.19	−2.30	1.54	−0.65	0.25	−1.21	0.13	−1.02	0.55	+0.03	0.32	−0.05	14.29	−3.36
Howard	0.51	+0.10	0.52	0.00	1.72	+0.73	3.31	+1.07	1.37	−1.42	3.[illegible]2	−0.91	1.56	−1.57	7.04	+4.49	0.35	−1.96	0.33	−1.31	0.93	+0.33	0.75	+0.26	21.41	−0.25
HURON	0.31	−0.25	0.31	−0.23	1.36	+0.45	5.64	+3.40	1.46	−1.52	1.78	−2.01	1.19	−1.97	5.42	+2.96	0.22	−1.35	0.31	−0.97	0.45	−0.14	0.77	+0.20	19.22	−1.43
Ipswich	0.24	−0.19	0.36	−0.12	2.05	+1.15	5.16	+3.12	1.71	−1.65	2.91	−0.53	3.08	+0.58	1.87	−0.78	0.38	−1.30	0.13	−1.04	0.54	+0.04	0.59	+0.29	19.02	−0.43
Kennebec	0.40	−0.16	0.74	+0.22	0.75	−0.08	5.81	+3.87	2.29	−0.19	0.89	−2.26	0.45	−1.89	0.59	−1.42	0.23	−0.96	0.10	−0.99	0.12	−0.36	0.59	+0.07	12.96	−4.15
La Delle	0.14	−0.49	0.26	−0.26	1.31	+0.30	5.14	+2.64	1.13	−2.38	2.57	−2.22	2.79	−0.47	2.86	−0.56	0.09	−2.45	T.	−2.00	0.64	−0.36	0.60	+0.07	17.56	−8.18
Leola	T.	−0.47	0.31	−0.26	3.10	+0.91	3.64	+1.38	2.71	−0.85	3.34	+0.87	5.16	+3.21	2.06	−1.50	0.04	−1.88	T.	−1.40	0.28	−0.32	0.64	+0.22	20.28	−0.09
Marion	0.56	−0.07	1.10	+0.06	1.39	−0.13	4.05	+1.59	2.72	−1.11	4.03	−0.72	1.77	−1.88	4.07	+1.09	1.35	−1.54	0.48	−1.39	0.95	−0.16	0.42	−0.28	22.89	−4.54
Mellette	0.21	−0.40	0.68	0.00	2.24	+1.23	4.96	+2.72	2.34	−0.70	6.17	+2.81	2.52	−0.26	1.91	−0.67	0.10	−1.79	0.10	−1.34	1.28	+0.55	0.84	+0.36	23.35	+2.51
Menno	0.78	+0.23	0.90	+0.13	1.21	+0.13	4.29	+2.04	2.52	−1.08	3.83	−0.37	0.67	−2.69	2.66	−0.26	1.28	−1.16	0.28	−1.41	1.20	+0.30	0.92	+0.26	20.54	−3.88
Milbank	0.42	−0.40	0.60	−0.24	1.74	+0.33	3.13	+0.84	2.30	−0.74	4.29	+0.21	3.09	+0.33	4.09	+1.30	0.81	−1.19	0.22	−1.40	0.58	−0.42	0.77	+0.01	22.04	−1.34
Miller	0.25	−0.12	0.39	−0.02	1.49	+0.77	5.47	+3.70	1.01	−2.00	1.55	−1.66	1.09	−1.25	2.38	−0.03	0.11	−1.33	0.30	−0.86	0.21	−0.36	0.53	+0.16	14.78	−3.00
Mitchell	0.25	−0.29	0.63	−0.06	1.15	+0.07	5.10	+2.45	2.74	−0.63	2.85	−1.30	1.30	−2.05	2.93	+0.29	0.90	−1.25	0.39	−1.23	0.42	−0.31	0.48	−0.01	19.14	−4.32
Onaka	0.03	−0.55	0.49	−0.29	1.65	+0.71	4.79	+2.37	1.55	−1.81	5.39	+1.84	3.32	+0.33	2.28	−0.51	0.12	−1.71	0.07	−1.31	0.26	−0.42	0.59	+0.12	20.54	−1.23
Parkston	0.22	−0.62	0.56	−0.37	0.97	−0.41	3.98	+1.23	2.38	−0.58	4.03	+0.60	1.24	−1.68	3.60	+0.89	1.26	−0.96	0.33	−1.48	0.79	+0.06	0.78	+0.15	20.14	−3.15
Pukwana	0.30	+0.04	0.92	+0.65	1.07	+0.25	4.33	+3.19	2.14	+0.02	1.55	−1.63	0.76	−1.28	1.49	−0.08	1.03	−0.57	0.28	−0.87	0.46	−0.01	0.76	+0.47	15.09	+0.18
Raymond	0.46	......	0.02	......	1.72	......	4.43	......	1.26	......	3.66	......	1.58		1.61	......	0.57	......	0.15	......	0.33	......	0.27	......	16.06	......
Redfield	§0.22	−0.23	0.60	+0.01	2.00	+1.12	5.80	+3.85	1.36	−1.42	1.83	−1.42	2.38	−0.26	2.56	−0.11	0.24	−1.59	0.12	−1.24	0.50	−0.14	0.60	+0.12	‖18.21	−1.31
Roscoe	0.05	......	0.45	......	2.33	......	3.39	......	1.37	......	3.37	......	2.31	......	1.91	......	0.30	......	0.06	......	0.32	......	0.44	......	16.30	......
Sioux Falls	0.66	+0.03	0.83	+0.12	1.10	−0.12	5.98	+3.37	6.07	+2.20	3.50	−0.93	3.06	−0.18	6.84	+3.97	1.77	−0.85	0.39	−1.28	1.01	−0.06	1.04	+0.31	32.25	+6.58
Sisseton	0.65	+0.10	0.81	+0.08	2.20	+0.96	3.18	+1.15	2.09	−1.00	4.61	+0.81	5.22	+1.81	1.93	−1.08	0.30	−1.63	0.40	−1.29	0.23	−0.29	0.92	+0.22	22.54	−0.16
Tyndall	0.67	+0.26	1.15	+0.60	1.23	+0.03	4.06	+1.48	2.57	−1.43	3.72	−0.02	1.79	−1.56	1.78	−1.60	0.61	−1.72	0.29	−1.75	0.92	+0.10	0.17	−0.89	18.86	−5.90
Vermillion	0.72	+0.15	0.95	+0.10	0.54	−0.68	3.92	+1.17	2.12	−1.77	3.32	−0.76	5.18	+1.69	3.17	+0.29	0.89	−2.38	0.46	−1.34	1.33	+0.20	0.92	+0.18	23.62	−3.15
Victor	0.50	+0.13	0.33	−0.07	1.81	+0.88	2.65	+0.73	1.61	−0.83	5.30	+1.69	5.28	+3.01	2.92	−0.43	0.23	−1.82	0.56	−0.72	0.71	−0.13	0.67	+0.10	22.57	+2.54
Wagner	0.28	−0.61	1.07	+0.34	1.12	−0.34	4.45	+1.74	2.42	−0.93	2.70	−0.56	1.35	−1.19	2.62	+0.16	0.49	−1.78	0.58	−0.97	1.03	−0.02	0.85	−0.01	18.96	−4.17
Watertown	0.40	−0.15	0.34	−0.18	1.58	+0.79	2.91	+0.66	1.83	−1.04	4.61	+0.82	3.26	+0.37	3.56	+0.65	0.17	−1.87	0.22	−1.15	0.54	−0.22	0.92	+0.45	20.34	−0.87
Webster (near)	0.42	−0.35	0.43	−0.07	1.68	+0.76	3.75	+1.70	1.13	−1.52	3.17	−0.44	3.77	+0.63	2.58	−0.95	0.94	−1.53	0.29	−1.07	0.40	−0.33	0.90	+0.41	19.46	−2.76
Wentworth	0.23	−0.27	......	......	1.01	+0.07	4.47	+2.21	......	......	2.83	−1.40	3.05	−0.15	......	......	......	......	......	......	......	......	0.55	+0.02	......	......
Wessington	0.29	......	0.52	......	1.37	......	5.92	......	1.90	......	1.06	......	0.38	......	2.08	......	......	......	......	......	......	......	......	......	......	......
White Lake	0.16	−0.31	0.57	−0.04	0.89	+0.08	4.45	+2.35	2.83	+0.18	1.88	−1.66	0.25	−2.26	1.52	−0.77	1.51	−0.27	0.02	−1.33	0.58	−0.16	0.76	+0.23	15.42	−3.96
Winner	0.33	−0.08	1.05	+0.49	1.29	+0.17	6.67	+4.28	3.49	+1.04	2.88	−0.53	0.83	−1.75	1.65	−0.60	0.77	−0.66	0.18	−1.39	0.27	−0.19	0.56	+0.15	19.97	+0.93
Yankton	0.53	−0.06	0.75	−0.05	0.75	−0.52	3.82	+1.00	3.24	−0.62	4.54	+0.77	2.83	−0.57	2.60	−0.41	1.05	−1.68	0.44	−0.94	1.29	+0.46	0.21	−0.63	22.05	−3.25
For the Division	0.34	......	0.59	......	1.45	......	4.47	......	2.21	......	3.41	......	2.35	......	2.81	......	0.54	......	0.25	......	0.66	......	0.66	......	19.74	......
Western Division																										
Ardmore	0.07	−0.32	0.29	−0.12	2.23	+1.56	4.59	+2.73	5.66	+2.61	1.31	−1.65	1.22	−1.02	1.42	−0.15	0.26	−0.84	0.36	−0.89	0.24	−0.26	0.23	−0.29	17.88	+1.36
Bellefourche	0.02	−0.40	0.34	+0.03	0.89	+0.07	0.91	−0.52	3.87	+1.47	2.28	−0.31	0.30	−1.81	0.84	−0.63	0.35	−1.08	0.18	−0.83	0.20	−0.35	0.54	+0.05	10.72	−4.31
Belvidere	0.13	......	0.94	......	0.65	......	4.45	......	3.40	......	2.47	......	1.85	......	0.65	......	0.23	......	0.25	......	§0.15	......	0.49	......	‖15.16	......
Bison	§0.06	−0.41	0.50	−0.61	0.25	−0.67	1.31	+0.25	2.02	−0.59	2.57	−0.02	2.37	−0.22	0.59	−1.77	T.	−1.38	0.20	−0.64	0.48	−0.03	0.14	−0.28	‖10.49	−5.57
Camp Crook	0.20	−0.30	0.50	+0.08	1.44	+0.46	1.10	+0.06	2.70	+0.30	§3.50	+0.57	1.00	−0.89	1.00	−0.40	T.	−1.12	0.02	−0.70	0.33	−0.10	0.59	+0.24	‖12.38	−1.80
Cedar View	0.26	......	0.53	......	0.93	......	4.34	......	3.92		3.35	......	1.79	......	0.30	......	0.00	......	......	......	......	......	......	......	......	......
Cottonwood	0.25	−0.15	0.48	+0.13	0.85	+0.34	3.65	+1.77	3.60	+0.93	1.68	−0.95	2.76	+0.42	1.08	−0.87	0.06	−1.15	0.11	−0.91	0.24	−0.23	0.92	+0.54	15.68	−0.13
Custer	0.11	−0.33	0.50	+0.01	0.72	−0.04	1.80	−0.05	5.89	+3.00	2.64	−0.23	0.26	−3.39	0.25	−2.23	1.42	−0.10	0.26	−0.96	0.28	−0.26	0.05	−0.31	14.18	−4.89
Deerfield	0.19	−0.49	0.37	−0.08	0.49	−0.32	0.89	−0.89	4.29	+1.62	2.55	−0.92	3.28	+0.13	1.10	−1.25	0.80	−0.79	0.22	−1.04	0.29	−0.35	0.07	−0.37	14.54	−4.75
Dowling	T.	−0.60	0.21	−0.31	0.45	−0.43	2.98	+1.28	2.37	−0.74	1.98	−1.36	0.54	−2.03	0.91	−1.59	0.03	−1.31	0.08	−1.08	0.27	−0.43	0.20	−0.33	10.02	−8.93
Dumont	0.06	−1.37	1.35	+0.06	1.86	+0.08	1.62	−0.75	1.82	−0.97	1.15	−2.27	3.07	−0.25	0.70	−1.48	0.18	−1.57	0.33	−1.08	1.00	−0.03	0.58	−0.65	13.72	−10.28
Dupree	0.21	−0.71	0.99	+0.39	0.87	+0.07	3.08	+1.52	1.34	−0.71	2.26	−1.41	1.29	−0.85	0.23	−1.64	0.06	−1.19	0.10	−0.97	0.32	−0.62	0.61	−0.15	11.86	−6.27
Faith	0.02	......	0.50	......	1.02	......	3.05	......	2.41	......	1.15	......	0.33	......	0.03	......	0.03	......	0.21	......	0.42	......	0.05	......	9.22	......
Glenham	0.07	......	0.35	......	1.09	......	2.83	......	2.30	......	2.04	......	3.39	......	1.91	......	0.40	......	0.13	......	0.60	......	0.49	......	16.60	......
Hardy Ranger Station	0.38	−1.41	1.00	−0.18	1.87	+0.24	1.74	−0.20	3.17	+0.80	2.52	−0.20	1.00	−1.27	0.74	−1.08	0.49	−1.20	0.45	−1.17	0.81	−0.25	1.13	−0.11	15.30	−6.03
Harveys Ranch	T.	−1.61	0.78	−0.61	2.55	+0.73	3.28	+0.82	5.79	+2.48	6.18	+2.13	7.42	+3.82	1.02	−1.28	1.49	−0.08	0.45	−0.96	1.45	+0.32	1.40	+0.38	31.81	+6.14
Hopewell	0.13	−0.50	0.99	+0.39	0.60	−0.18	5.48	+3.63	2.35	−0.41	1.45	−1.14	0.06	−2.10	0.50	−1.49	0.55	−0.75	0.13	−1.02	0.28	−0.31	0.51	−0.04	13.09	−3.92
Hot Springs	0.20	−0.58	0.51	+0.04	2.05	+1.13	2.44	+0.56	9.65	+6.59	2.47	−0.56	0.95	−1.42	1.32	−0.64	1.08	−0.33	0.58	−0.94	0.65	−0.04	0.35	−0.25	22.25	+3.56
Lead	0.09	−1.04	0.68	−0.27	1.59	−0.18	1.95	−0.93	4.08	+0.26	3.22	−0.43	3.44	+0.44	0.80	−1.39	0.52	−1.45	0.48	−1.36	0.47	−0.65	1.04	0.00	18.36	−7.00
Lemmon	0.09	−0.57	0.39	−0.12	0.65	−0.08	1.39	+0.17	2.58	+0.27	3.71	+2.04	1.28	−0.39	0.90	−1.52	0.18	−1.21	T	−0.87	0.76	+0.23	0.14	−0.39	12.07	−2.44
Ludlow	0.16	......	0.11	......	0.32	......	0.85	......	2.78	......	3.54	......	0.83	......	0.99	......	0.05	......	0.02	......	0.43	......	0.11	......	10.19	......
McIntosh	T.	−0.45	0.40	−0.11	......	......	2.80	+1.18	......	......	3.50	+0.02	2.00	−0.29	0.30	−1.64	......	......	......	......	......	......	......	......	......	......
McLaughlin	T	−0.48	0.43	−0.11	1.36	+0.64	2.92	+1.28	1.91	−0.64	2.56	−0.91	3.92	+1.98	1.69	−0.01	0.35	−1.57	0.20	−1.04	0.47	−0.29	0.27	−0.19	16.08	−1.34
Martin	0.15	......	0.98	......	0.54	......	3.23	......	4.30	......	3.20	......	1.65	......	0.03	......	0.40	......	0.27	......	T.	......	0.61	......	15.36	......
Mobridge	T.	−0.74	0.57	−0.21	0.96	+0.01	4.19	+2.29	1.60	−1.21	2.39	−0.66	2.67	+0.72	0.45	−2.19	0.20	−1.02	0.07	−1.17	0.42	+0.02	0.55	+0.14	14.07	−4.02
Murdo	0.70	+0.07	1.20	+0.58	0.60	−0.31	5.25	+2.88	2.49	−0.48	1.36	−1.70	0.37	−2.31	0.50	−1.33	2.35	+0.95	T.	−1.60	T.	−0.63	0.35	−0.24	15.17	−4.12
Newell	0.11	−0.38	0.59	+0.32	1.43	+0.74	0.80	−0.60	3.46	+0.53	3.01	−0.12	0.48	−2.57	0.93	−0.76	0.29	−1.21	0.36	−1.10	0.35	−0.40	0.46	+0.03	12.29	−5.52
Oelrichs	0.16	−0.70	0.11	−0.73	1.90	+0.57	3.97	+1.69	6.81	+3.74	2.20	−1.28	0.17	−2.24	0.26	−1.16	1.01	−0.27	0.34	−1.01	T.	−0.80	0.36	−0.37	17.29	−2.56
Onida	§0.10	−0.28	§0.76	+0.07	1.01	+0.32	3.78	+1.67	2.14	−0.91	1.69	−1.59	0.91	−1.60	0.47	−1.59	T.	−1.05	0.13	−1.04	0.05	−0.33	0.18	−0.03	‖11.22	−6.36
Orman	0.06	−0.45	0.36	+0.06	1.06	+0.34	1.02	−0.45	3.60	+0.90	2.68	+0.15	1.08	−1.14	0.66	−0.76	0.19	−1.23	0.12	−0.97	0.39	−0.05	0.33	−0.16	11.55	−3.76
Ottumwa	T.	−0.59	0.65	0.00	0.50	−0.26	3.98	+2.11	2.63	−0.45	2.28	+0.04	0.55	−1.28	0.38	−2.12	0.00	−1.14	0.08	−1.03	0.22	−0.46	0.72	+0.15	11.99	−5.03
Pierre	0.17	−0.29	0.82	+0.36	0.74	−0.12	4.71	+2.90	1.80	−0.69	1.60	−1.46	0.34	−2.34	0.34	−1.75	0.16	−0.94	0.18	−0.64	0.04	−0.43	0.35	−0.15	11.15	−5.15
Pine Ridge	0.08	−0.23	0.25	−0.17	0.82	−0.02	3.48	+1.66	3.24	+0.50	1.67	−1.19	1.94	−0.58	0.20	−1.62	0.51	−0.86	0.26	−1.18	T.	−0.30	0.11	−0.48	12.56	−4.47
Pollock	0.04	−0.49	0.31	−0.18	0.75	+0.09	3.23	+1.77	1.56	−0.60	3.30	+0.04	3.10	+0.95	0.44	−1.37	0.28	−1.49	0.09	−1.09	0.48	−0.06	0.28	−0.16	13.86	−2.59
Rapid City	0.17	−0.28	0.50	+0.02	1.27	+0.30	2.78	+0.75	6.69	+3.13	1.93	−1.40	0.90	−1.49	0.19	−1.51	0.12	−1.08	0.33	−0.61	0.27	−0.22	0.25	−0.19	15.40	−2.58
Redig	0.10	−0.58	0.47	+0.05	1.19	+0.13	0.79	−0.49	2.77	+0.61	2.82	+0.16	0.81	−1.23	1.15	−0.29	0.28	−0.81	0.32	−0.58	0.67	+0.04	0.19	−0.33	11.56	−3.32
Rochford	0.20	−0.70	0.62	−0.22	0.83	−0.37	1.54	−0.57	5.42	+2.36	4.74	+1.52	3.56	+0.50	1.15	−1.19	0.70	−0.85	0.38	−0.89	0.65	−0.28	0.43	−0.34	20.22	−1.04
Spearfish	0.20	−0.54	0.29	−0.50	1.40	−0.09	1.27	−1.04	3.71	+0.31	3.48	−0.22	1.03	−1.22	1.05	−0.72	0.59	−0.96	0.39	−1.12	0.28	−0.57	0.70	−0.07	14.39	−6.74
Strool(near)	0.06	−0.66	0.39	−0.31	1.24	−0.55	0.75	−0.71	2.35	−0.36	4.14	+1.01	1.55	−0.81	1.17	−0.25	0.09	−1.37	0.19	−0.87	0.34	−0.08	0.12	−0.52	12.39	−5.48
Timber Lake	0.14	−0.67	0.45	−0.01	0.99	−0.10	2.58	+0.39	1.91	−1.53	2.27	−1.22	2.45	−0.22	0.95	−1.45	0.28	−1.24	0.07	−1.02	0.43	+0.01	0.40	−0.07	12.92	−7.18
Vale	0.10	−0.32	0.58	+0.28	1.21	+0.36	0.96	−0.58	4.86	+1.84	1.97	−1.10	1.62	−0.51	0.65	−0.96	0.11	−1.58	0.54	−0.79	0.25	−0.25	0.55	+0.08	13.40	−3.53
Vivian	0.37	−0.09	0.36	−0.10	0.82	+0.05	5.80	+3.32	2.92	−0.23	1.43	−2.21	0.50	−1.86	1.47	−0.42	1.21	−0.18	0.24	−1.31	0.00	−0.66	0.51	+0.16	15.63	−3.53
Waters Ranch	0.10	−0.72	0.40	−0.20	1.23	−0.07	1.69	−0.36	3.90	+1.21	3.05	−0.01	0.80	−1.72	1.48	−0.43	0.12	−1.97	0.36	−1.29	0.31	−0.49	1.13	+0.35	14.57	−5.70
Wood	0.34	−0.20	0.74	+0.10	0.58	−0.38	3.98	+1.56	3.96	+0.94	3.04	−0.03	3.47	+0.81	1.17	−1.32	0.33	−1.02	0.24	−1.19	T.	−0.90	0.46	−0.08	18.31	−1.71
For the Division	0.14	......	0.55	......	1.09	......	2.67	......	3.49	......	2.53	......	1.68	......	0.79	......	0.36	......	0.24	......	0.40	......	0.46	......	14.40	......
For the State	0.24	−0.31	0.57	0.00	1.27	+0.15	3.57	+1.41	2.85	−0.13	2.97	−0.56	2.02	−0.58	1.80	−0.49	0.45	−1.22	0.24	−1.05	0.53	−0.14	0.56	−0.01	17.07	−2.93

ΔΔΔ The normal precipitation for Aberdeen appears to be too high except for the months of August and September.

Monthly and Annual Precipitation for the Year 1936, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen ΔΔΔ	1.14	+0.46	0.75	−0.10	0.82	−0.51	1.55	−1.06	2.28	−1.38	1.06	−2.82	0.49	−2.64	1.99	−1.16	0.26	−1.89	0.38	−1.29	2.21	+1.39	0.87	+0.02	13.80	−10.98
Alexandria	0.63	+0.13	1.18	+0.56	0.90	−0.17	1.57	−0.70	4.45	+1.05	1.35	−2.93	0.88	−2.13	2.04	−0.54	0.36	−1.95	0.16	−1.33	0.79	+0.02	0.64	+0.10	14.95	−7.89
Armour	0.60	+0.11	1.09	+0.46	1.19	+0.08	2.63	+0.63	2.58	−0.75	1.99	−1.98	0.48	−2.40	1.22	−1.86	0.25	−1.71	0.16	−1.45	0.61	−0.05	0.66	−0.10	13.46	−9.12
Britton	0.54	+0.13	0.55	−0.04	0.39	−0.29	1.26	−0.44	1.48	−1.71	1.32	−2.05	0.32	−2.12	2.82	−0.30	1.44	−0.76	0.21	−1.20	1.03	+0.38	0.66	+0.18	12.02	−8.22
Brookings	0.53	+0.14	1.16	+0.73	0.76	+0.08	1.54	−0.33	3.49	+0.63	3.13	−0.78	0.20	−2.43	3.86	+1.05	1.34	−0.86	0.04	−1.45	0.30	−0.41	0.57	+0.11	16.92	−3.62
Canistota	0.63	−0.02	1.45	+1.83	0.90	−0.17	1.32	−0.68	4.19	+1.56	1.33	−2.30	0.72	−1.23	1.82	−1.35	1.05	−1.46	0.51	−0.47	0.86	−0.18	1.00	+0.31	15.78	−5.16
Canton	0.55	+0.06	0.89	+0.31	0.98	−0.18	0.81	−1.36	4.10	+0.19	1.71	−2.74	0.42	−2.96	4.69	+1.94	2.69	+0.11	0.06	−1.56	0.31	−0.67	0.91	+0.31	18.03	−6.55
Castlewood	0.64	+0.30	1.18	+0.84	0.56	−0.24	2.12	−0.22	2.63	−0.09	1.98	−2.08	0.37	−2.70	2.84	−0.33	0.49	−1.93	0.25	−1.06	1.17	+0.31	0.55	+0.17	14.78	−7.03
Centerville	1.34	+0.72	0.95	+0.12	0.97	−0.22	0.63	−1.40	4.62	+0.79	1.67	−2.42	0.67	−2.80	3.50	+0.53	2.52	−0.19	0.26	−1.37	0.58	−0.42	1.69	+0.93	19.40	−5.73
Clark	0.71	−0.01	0.48	−0.15	0.57	−0.56	1.67	−0.37	1.68	−1.33	2.76	−1.30	0.33	−2.63	2.70	−0.45	0.27	−2.27	0.34	−1.32	0.85	−0.07	0.51	−0.11	12.87	−10.57
De Smet	0.56	−0.11	1.12	+0.55	0.82	−0.16	1.55	−0.44	3.25	+0.18	1.30	−2.97	0.38	−2.59	3.94	+1.14	0.81	−1.33	0.23	−1.55	0.68	−0.12	0.44	−0.09	15.08	−7.49
Fairfax	0.60	+0.10	0.94	+0.32	1.37	+0.22	1.46	−0.91	3.05	−0.37	2.36	−1.49	0.55	−2.43	2.07	−0.88	0.91	−0.88	0.40	−1.16	0.60	−0.02	0.18	−0.48	14.49	−7.98
Flandreau	0.96	+0.53	1.41	+0.89	1.08	+0.20	1.11	−0.99	3.21	−0.26	2.67	−1.44	0.42	−2.25	3.44	+0.40	1.00	−1.67	0.28	−1.41	0.86	−0.15	0.88	+0.35	17.32	−5.80
Forestburg	0.49	−0.10	0.70	+0.10	0.96	+0.04	1.45	−0.66	1.85	−1.50	1.50	−2.36	0.65	−2.36	2.38	0.00	1.32	−0.67	0.73	−0.69	0.62	−0.09	1.04	+0.46	13.69	−7.83
Gannvalley	0.45	−0.05	0.93	+0.46	0.80	+0.01	1.68	−0.13	0.95	−2.37	1.92	−1.54	1.26	−1.44	2.74	+0.41	0.87	−0.96	0.35	−0.97	0.87	+0.29	0.69	+0.19	13.51	−6.10
Gelhaus Farm	0.67	.....	0.52	.....	0.65	.....	1.37	.....	2.47	.....	1.84	.....	0.05	.....	2.78	.....	0.19	.....	0.25	.....	1.59	.....	0.50	.....	12.88	.....
Howard	0.99	+0.51	1.54	+1.05	1.04	+0.23	1.42	−0.62	3.11	+0.25	2.10	−1.81	0.48	−2.85	3.54	+0.79	3.36	+0.98	0.16	−1.43	0.82	+0.08	0.58	+0.07	19.14	−2.75
HURON	0.52	−0.04	0.88	+0.32	0.68	−0.23	1.62	−0.62	1.09	−1.89	1.66	−2.13	0.85	−2.31	3.08	+0.62	0.33	−1.24	0.35	−0.93	1.05	+0.46	0.49	−0.08	12.60	−8.07
La Delle	0.55	+0.05	0.86	+0.35	1.10	+0.39	2.04	+1.04	0.91	−1.49	1.60	−1.92	0.83	−3.71	3.57	+0.39	0.42	−2.86	0.38	−1.96	0.71	−0.19	0.54	−0.03	13.51	−9.94
Leola	0.25	−0.11	0.23	−0.19	0.50	−0.63	0.78	−1.47	0.90	−2.31	0.75	−2.10	0.16	−1.88	0.51	−2.51	0.24	−1.33	0.25	−0.93	0.48	−0.06	0.01	−0.40	5.95	13.92
Marion	0.77	+0.19	0.74	−0.18	0.43	−1.15	0.60	−1.80	5.69	+1.88	1.39	−3.20	0.81	−2.97	2.99	−0.03	0.94	−1.84	0.24	−1.61	0.79	−0.29	0.95	+0.25	16.34	−10.78
Mellette	0.70	+0.15	0.68	+0.02	0.58	−0.38	1.09	−1.03	1.73	−1.42	1.80	−1.43	1.09	−1.46	1.75	−0.93	0.16	−1.88	0.25	−1.14	2.60	+1.90	0.50	−0.03	12.93	−7.63
Menno	1.28	+0.75	1.55	+0.79	1.64	+0.55	1.48	−0.69	7.04	+3.34	1.94	−2.14	0.92	−2.41	3.73	+0.82	1.10	−1.36	0.22	−1.40	0.71	−0.22	1.00	+0.32	22.61	−1.64
Milbank	0.48	−0.30	0.57	−0.25	0.28	−1.18	1.34	−0.83	0.93	−2.12	1.69	−2.28	0.07	−2.80	3.48	+0.49	0.42	−1.75	0.52	−1.26	1.01	−0.14	0.70	−0.10	11.49	−12.52
Miller	0.41	+0.09	0.36	0.00	0.54	−0.22	1.36	−0.40	1.11	−1.80	1.32	−1.91	0.16	−2.09	2.67	+0.17	0.25	−1.37	0.15	−0.98	0.85	+0.35	0.39	+0.01	9.57	−8.18
Mitchell	1.12	+0.63	1.20	+0.54	1.09	−0.02	1.69	−0.59	3.12	−0.26	1.74	−2.48	0.90	−2.38	2.13	−0.52	2.66	+0.41	0.41	−1.15	1.12	+0.43	0.82	+0.27	18.00	−5.12
Parkston	0.89	+0.30	0.80	−0.04	0.89	−0.45	0.88	−1.40	3.65	+0.39	1.53	−2.41	0.50	−2.71	2.82	+0.04	0.15	−2.20	0.17	−1.39	0.61	−0.13	0.80	+0.16	13.69	−9.84
Redfield	0.52	+0.08	0.62	+0.07	0.41	−0.44	1.22	−0.73	1.34	−1.44	1.69	−1.53	1.26	−1.29	2.50	−0.15	0.23	−1.54	0.15	−1.21	1.30	+0.65	0.51	0.00	11.75	−7.53
Sioux Falls	1.31	+0.74	1.18	+0.48	1.99	+0.88	2.18	−0.14	9.03	+5.12	2.18	−2.36	0.80	−2.66	2.85	−0.36	1.05	−1.83	0.14	−1.66	0.73	−0.47	1.81	+1.12	25.28	−1.14
Sisseton	0.50	−0.03	0.90	+0.24	0.49	−0.75	1.31	−0.84	2.01	−1.06	1.91	−1.74	1.15	−2.15	1.95	−0.96	1.46	−0.35	0.30	−1.32	1.10	+0.57	0.63	−0.04	13.71	−8.43
Tyndall	0.45	+0.03	1.33	+0.79	0.82	−0.28	1.05	−1.23	4.06	−0.07	2.78	−1.00	0.52	−2.88	2.30	−1.00	0.23	−2.31	0.05	−1.67	0.20	−0.67	0.54	−0.05	14.33	−10.34
Vermillion	0.69	+0.15	0.87	+0.07	0.84	−0.38	0.69	−1.86	2.59	−0.55	1.90	−2.00	0.23	−3.37	2.42	−0.56	6.06	+2.96	0.42	−1.30	0.61	−0.53	0.58	−0.16	17.93	−7.53
Victor	0.64	+0.17	1.03	+0.67	0.85	−0.14	0.91	−0.95	1.37	−0.84	1.36	−2.42	0.37	−2.16	2.17	−1.04	2.16	+0.25	0.18	−1.10	1.67	+0.84	0.66	+0.11	13.27	−6.61
Wagner	1.41	+0.62	1.51	+0.62	1.77	+0.35	1.49	−1.19	7.61	+4.10	3.14	−0.46	0.38	−3.67	2.02	−0.49	0.45	−1.95	0.17	−1.71	0.70	−0.11	0.92	−0.08	21.57	−3.97
Watertown	0.57	+0.06	1.21	+0.73	0.53	−0.25	2.02	−0.61	1.81	−1.01	2.29	−1.43	0.88	−1.93	3.06	+0.26	0.30	−1.91	0.35	−1.07	1.05	+0.30	0.49	0.00	14.56	−6.86
Webster (near)	0.28	−0.14	0.50	+0.13	0.62	−0.07	1.08	−0.62	1.86	−0.74	1.16	−2.16	0.13	−2.78	4.06	+0.87	0.23	−2.06	0.47	−0.82	1.58	+0.96	0.57	+0.13	12.54	−7.30
Wentworth	0.87	+0.36	1.10	+0.58	1.91	+1.07	1.14	−0.89	3.63	+0.15	2.59	−1.73	0.11	−3.05	5.86	+2.69	1.19	−1.55	1.00	−0.63	0.99	+0.17	0.62	+0.10	21.01	−2.73
White Lake	0.63	+0.17	0.82	+0.28	0.40	−0.48	1.23	−0.75	1.56	−1.12	1.45	−2.45	1.42	−1.28	1.73	−0.52	1.22	−0.47	0.25	−1.21	0.73	+0.19	0.32	−0.17	11.76	−7.81
Yankton	0.65	+0.06	1.10	+0.30	0.56	−0.71	0.84	−1.98	2.96	−0.90	2.22	−1.55	0.57	−2.83	1.92	−1.09	1.17	−1.56	0.25	−1.13	0.30	−0.53	0.76	−0.08	13.30	−12.00
Middle Division																										
Academy	0.52	+0.10	0.73	+0.14	0.78	−0.31	1.47	−0.81	2.03	−1.01	2.27	−1.65	0.80	−2.04	0.55	−2.19	1.50	−0.15	1.05	−0.45	0.60	−0.02	0.61	−0.03	12.91	−8.42
Belvidere	1.00	+0.49	1.08	+0.65	0.31	−1.37	0.91	−1.47	1.79	−1.32	0.40	−1.98	0.35	−1.44	0.91	−1.08	0.71	−0.17	0.23	−1.30	1.10	+0.52	0.13	−0.51	8.92	−8.98
Bowdle	0.48	+0.01	0.33	−0.43	0.66	−0.45	1.16	−0.86	1.86	−1.04	0.48	−2.94	0.25	−2.31	1.39	−1.41	0.33	−1.28	0.41	−0.78	0.51	−0.06	0.09	−0.36	7.95	−11.91
Cedar View	.....	.....	.....	.....	0.26	.....	0.61	.....	.....	.....	0.13	.....	0.33	.....	0.75	.....	0.74	.....	0.18	.....	0.69	.....	0.09	.....	.....	.....
Eureka	0.20	−0.10	0.10	−0.32	0.69	+0.05	0.69	−0.79	0.74	−1.90	1.16	−1.92	0.18	−2.20	0.98	−1.61	0.15	−1.72	0.24	−0.92	0.58	+0.16	0.14	−0.25	5.85	−11.52
Faulkton	0.82	+0.38	0.67	+0.06	0.65	−0.30	0.70	−1.50	2.07	−1.11	0.73	−2.54	1.88	−0.30	2.47	−0.04	0.15	−1.35	0.18	−1.05	1.52	+0.88	0.30	−0.18	12.14	−7.05
Gettysburg	0.39	.....	0.37	.....	1.15	.....	1.07	.....	1.49	.....	1.18	.....	0.19	.....	1.82	.....	1.14	.....	0.10	.....	0.79	.....	0.19	.....	9.88	.....
Gregory	0.57	+0.27	1.03	+0.77	1.02	+0.06	3.07	+2.04	2.01	−1.16	2.27	−0.92	0.75	−1.36	1.57	−0.55	1.59	−0.03	0.64	−0.87	0.92	+0.37	0.37	+0.06	15.81	−1.32
Highmore	0.32	−0.06	0.43	+0.07	0.72	−0.17	0.99	−0.73	1.27	−1.63	0.56	−2.60	0.18	−2.20	3.30	+0.96	0.30	−1.23	0.50	−0.65	1.02	+0.51	0.26	−0.14	9.85	−7.87
Hopewell	0.52	−0.02	0.38	−0.15	0.69	−0.19	0.77	−0.93	0.81	−2.06	0.30	−2.51	0.09	−2.04	1.52	−0.48	0.15	−1.11	0.20	−0.92	0.91	+0.45	0.19	−0.33	6.53	−10.29
Ipswich	0.54	+0.13	0.54	+0.08	0.80	+0.11	1.19	−0.84	2.31	−0.98	0.44	−3.00	0.35	−2.13	1.76	−0.93	0.22	−1.41	0.29	−0.95	1.21	+0.69	0.19	−0.19	9.84	−9.42
Kennebec	1.08	+0.55	1.47	+0.95	0.73	−0.04	1.26	−0.52	1.08	−1.72	1.52	−1.61	0.20	−2.15	2.11	−0.07	0.31	−0.98	0.26	−0.91	0.89	+0.39	0.38	−0.20	11.29	−6.31
McIntosh	0.70	+0.21	0.14	−0.33	0.10	−0.83	1.20	−0.05	T	−2.86	T.	−4.48	0.12	−1.46	1.25	−1.30	0.50	−1.04	§0.47	−0.59	0.26	−0.21	0.25	−0.20	‖4.99	−13.14
McLaughlin	0.41	+0.01	0.25	−0.21	1.14	+0.37	0.78	−0.77	T.	−2.30	0.97	−2.11	T.	−1.95	1.14	−0.32	1.45	−0.15	0.09	−1.01	0.66	0.00	0.20	−0.23	7.09	−8.67
Mobridge	0.37	−0.16	0.36	−0.32	1.20	+0.14	0.63	−1.06	0.05	−3.19	1.03	−1.88	0.58	−1.43	1.17	−1.36	0.15	−1.17	0.61	−0.52	0.91	+0.54	0.15	−0.25	7.21	−10.66
Murdo	0.78	+0.22	1.06	+0.48	0.80	−0.13	0.65	−1.54	2.75	−0.09	T.	−3.00	0.15	−2.57	1.58	−0.46	0.70	−0.64	0.30	−1.20	1.60	+1.06	0.10	−0.50	10.47	−8.37
Onaka	0.48	0.00	0.23	−0.54	1.16	+0.09	1.03	−0.31	4.01	+0.38	0.85	−2.42	0.65	−2.16	2.42	−0.76	0.12	−1.74	0.07	−1.23	0.36	−0.24	0.21	−0.43	11.59	−9.36
Onida	0.35	+0.05	0.30	−0.22	0.81	+0.13	0.74	−0.98	1.64	−1.18	2.12	−0.92	0.77	−1.63	2.99	+0.63	1.11	+0.01	0.18	−0.84	0.26	−0.06	0.12	−0.14	11.39	−5.15
Ottumwa	0.34	−0.20	1.13	+0.52	0.46	−0.40	0.66	−1.16	1.69	−0.93	T.	−2.62	0.26	−1.68	0.56	−1.55	0.58	−0.36	0.18	−0.71	0.27	−0.29	0.08	−0.43	6.21	−9.81
Pierre	0.54	+0.08	0.61	+0.15	0.90	+0.04	0.91	−0.90	1.82	−0.67	0.55	−2.41	0.10	−2.58	1.90	−0.19	0.67	−0.43	0.36	−0.46	0.90	+0.43	0.18	−0.32	9.44	−7.26
Pollock	0.38	−0.14	0.17	−0.27	0.44	−0.33	0.54	−0.85	T.	−2.31	0.25	−3.11	T.	−2.15	0.79	−1.32	0.62	−0.97	T.	−1.06	0.40	−0.11	0.17	−0.35	8.66	−13.00
Pukwana	0.55	+0.29	0.68	+0.38	0.76	−0.08	1.73	+0.40	0.75	−1.24	1.37	−1.56	1.00	−0.86	1.35	−0.20	1.10	−0.39	0.43	−0.65	1.23	+0.78	0.55	+0.21	11.50	−2.89
Vivian	0.62	+0.22	0.69	+0.31	1.02	+0.21	0.86	−2.52	1.40	−1.50	0.24	−3.18	0.07	−2.24	1.61	−0.72	0.40	−0.89	0.25	−1.10	1.89	+1.38	0.16	−0.26	9.11	−10.29
Winner	1.20	+0.87	1.10	+0.56	1.32	+0.14	1.97	−0.44	1.98	−0.50	1.51	−1.89	2.04	−0.31	0.48	−1.59	1.03	−0.19	0.56	−0.83	1.04	+0.66	0.19	−0.27	14.42	−3.80
Wood	0.81	+0.42	1.23	+0.76	0.79	−0.09	1.58	−0.64	1.83	−1.03	1.42	−1.71	0.23	−2.31	0.31	−2.81	2.07	+0.83	0.29	−1.08	1.65	+0.95	0.15	−0.37	12.39	−7.08
Western Division																										
Ardmore	0.61	+0.31	1.35	+0.98	0.95	+0.31	0.70	−0.94	1.42	−1.65	1.58	−1.11	0.79	−1.30	1.71	+0.24	1.07	−0.03	0.65	−0.53	0.92	+0.58	0.20	−0.13	11.95	−3.27
Bellefourche	0.58	+0.20	0.36	+0.08	0.23	−0.62	1.92	+0.42	0.70	−1.76	0.47	−2.07	1.10	−0.91	1.63	+0.19	0.68	−0.68	0.85	−0.10	0.42	−0.03	0.02	−0.42	8.96	−5.70
Bison	0.62	+0.21	0.44	−0.02	T.	−0.83	0.85	−0.29	0.40	−2.16	0.19	−2.25	0.44	−1.74	0.25	−1.85	0.47	−0.74	0.56	−0.23	0.65	+0.18	0.04	−0.34	4.91	−10.06
Camp Crook	0.58	+0.10	0.36	−0.01	§0.27	−0.56	0.66	−0.32	0.59	−1.72	0.49	−2.36	0.02	−1.95	0.15	−1.32	0.32	−0.81	0.54	−0.22	§0.15	−0.18	0.20	−0.15	‖4.33	−9.56
Cottonwood	1.40	+1.06	0.52	+0.21	0.45	−0.13	1.17	−0.57	0.70	−2.02	0.08	−2.86	0.08	−2.16	0.60	−1.36	0.79	−0.39	0.32	−0.68	0.80	+0.42	0.22	−0.21	7.13	−8.51
Custer	0.37	−0.05	0.54	+0.08	0.87	+0.12	2.06	+0.46	0.66	−2.32	4.91	+2.07	0.36	−3.19	2.88	+0.66	0.61	−0.77	0.91	−0.23	1.24	+0.85	0.24	−0.09	15.65	−2.51
Deerfield	0.47	−0.14	0.45	+0.01	0.63	−0.18	0.83	−0.93	0.16	−2.82	3.03	−0.67	1.44	−1.70	1.76	−0.47	0.23	−1.07	0.53	−0.65	0.60	+0.10	0.02	−0.40	10.15	−8.92
Dowling	0.42	−0.06	0.13	−0.31	0.33	−0.49	1.21	−0.33	1.28	−1.97	0.13	−3.13	1.16	−1.44	0.27	−2.25	0.42	−0.89	0.14	−0.98	0.22	−0.30	T.	−0.52	5.71	−12.67
Dumont	1.12	−0.22	0.46	−0.32	1.10	−0.75	0.83	−1.49	0.24	−2.50	0.94	−2.32	1.12	−2.02	1.61	−0.33	0.37	−1.18	0.77	−0.52	0.30	−0.51	0.18	−0.88	9.04	−13.54
Dupree	0.67	−0.10	0.72	+0.16	0.91	−0.07	1.19	−0.39	0.06	−1.88	0.21	−3.08	0.17	−1.69	1.27	−0.57	0.26	−0.84	0.71	−0.25	1.73	+0.92	0.16	−0.52	8.06	−8.31
Faith	0.48	+0.17	§0.56	+0.11	0.90	−0.12	0.74	−1.05	0.27	−2.37	0.00	−2.47	0.37	−1.44	0.75	−0.35	0.15	−0.97	1.58	+0.49	0.34	−0.16	T.	−0.31	‖6.14	−8.47
Hardy Ranger Station	0.89	−0.66	1.19	−0.05	1.25	−0.35	1.19	−0.89	0.33	−2.37	0.73	−2.02	1.11	−1.11	0.69	−0.99	0.67	−0.80	0.47	−1.01	0.61	−0.21	0.67	−0.47	9.80	−10.93
Harveys Ranch	1.11	−0.39	0.55	−0.81	1.74	−0.13	1.97	−0.60	0.56	−3.23	2.06	−2.41	1.88	−1.64	1.04	−1.10	0.60	−0.84	1.10	−0.22	1.05	+0.13	0.43	−0.57	14.09	−11.81
Hot Springs	0.51	−0.25	1.15	+0.61	0.70	−0.38	0.97	−0.87	0.70	−2.56	1.99	−1.17	0.15	−2.49	0.51	−1.51	1.20	−0.12	0.52	−0.87	1.00	+0.42	0.72	+0.08	10.12	−9.11
Lead	0.86	−0.16	0.54	−0.42	1.51	−0.29	2.64	−0.24	0.84	−3.04	1.42	−2.20	1.00	−1.92	0.57	−1.45	1.24	−0.52	1.21	−0.49	0.78	−0.08	0.23	−0.74	12.84	−11.55
Lemmon	0.37	−0.23	0.29	−0.24	0.29	−0.61	0.70	−0.57	0.71	−1.44	0.55	−2.98	0.10	−1.63	0.64	−0.74	1.13	−0.06	0.12	−0.71	0.38	0.00	0.26	−0.26	5.54	−9.47
Ludlow	0.30	+0.03	0.24	+0.10	0.12	−0.53	0.65	−0.24	0.07	−2.20	0.13	−3.10	0.28	−1.57	0.59	−0.68	0.34	−0.60	0.02	−0.86	0.05	−0.17	0.10	−0.26	2.89	−10.08
Martin	0.71	.....	1.40	.....	0.69	.....	1.48	.....	1.41	.....	3.06	.....	0.56	.....	1.01	.....	0.51	.....	0.20	.....	1.55	.....	0.10	.....	12.68	.....
Newell	1.11	+0.75	0.95	+0.69	0.48	−0.22	2.24	+0.64	0.47	−2.47	0.59	−2.12	1.09	−1.09	1.48	−0.12	0.41	−1.01	0.76	−0.47	0.67	+0.24	0.10	−0.21	10.35	−5.39
Oelrichs	0.02	−0.74	0.39	−0.29	0.61	−0.48	0.91	−1.19	0.64	−2.66	2.09	−1.36	0.17	−2.35	0.97	−0.58	1.34	−0.03	0.36	−1.12	0.60	−0.09	0.30	−0.41	8.40	−11.30
Orman	0.71	+0.25	0.32	+0.01	0.24	−0.52	1.84	+0.30	0.18	−2.48	0.21	−2.39	1.12	−1.10	1.66	+0.26	0.50	−0.80	0.69	−0.35	0.41	+0.06	0.16	−0.32	8.07	−7.05
Pine Ridge	0.56	+0.19	0.64	+0.31	0.30	−0.45	0.74	−0.98	0.89	−1.36	3.12	+0.67	0.36	−2.72	0.42	−1.26	1.15	+0.03	0.17	−1.15	0.93	+0.53	0.32	−0.20	9.60	−6.39
Rapid City	0.51	+0.06	0.59	+0.09	0.82	−0.15	1.21	−0.82	0.09	−3.47	1.21	−2.12	0.27	−2.12	0.70	−1.00	0.56	−0.64	0.81	−0.13	0.69	+0.20	0.05	−0.39	7.51	−10.49
Redig	0.92	+0.15	0.64	+0.24	0.48	−0.61	1.02	−0.20	0.78	−1.16	0.35	−2.13	0.20	−1.65	0.63	−0.80	0.32	−0.81	0.16	−0.69	0.39	−0.07	0.12	−0.43	6.01	−8.16
Rochford	0.76	−0.09	0.49	−0.31	1.06	+0.02	1.85	−0.31	0.63	−2.55	2.05	−1.34	1.00	−2.14	1.64	−0.66	0.45	−0.99	0.81	−0.57	0.93	+0.21	0.09	−0.55	11.76	−9.28
Spearfish	0.70	+0.07	0.46	−0.20	0.84	−0.41	3.07	+0.94	0.55	−2.90	0.92	−2.36	1.45	−1.01	0.38	−1.41	0.44	−1.24	§1.13	−0.39	0.61	−0.25	0.03	−0.69	‖10.58	−9.85
Strool(near)	0.47	−0.23	0.29	−0.36	0.22	−1.60	0.99	−0.38	0.51	−2.01	0.13	−2.86	0.29	−2.12	1.00	−0.43	0.35	−1.09	0.65	−0.32	T.	−0.33	T.	−0.69	4.89	−12.42
Vale	1.02	+0.68	0.48	+0.21	0.59	−0.22	2.44	+0.98	0.02	−3.06	0.54	−2.57	1.30	−0.88	0.53	−1.19	0.40	−1.19	0.78	−0.44	0.59	+0.19	0.03	−0.43	8.72	−7.92
Waters Ranch	0.67	−0.21	0.60	−0.11	0.48	−0.86	1.98	−0.15	0.50	−2.57	1.84	−1.31	3.29	+0.81	0.21	−1.49	0.80	−1.03	1.34	−0.24	0.52	−0.09	0.20	−0.58	12.43	−7.83
For the State	0.65	+0.11	0.69	+0.13	0.78	−0.33	1.28	−0.78	1.67	−1.21	1.32	−2.05	0.62	−1.83	1.59	−0.54	0.74	−0.77	0.40	−0.80	0.83	+0.19	0.36	−0.19	10.93	−8.07

ΔΔΔ The normal precipitation for Aberdeen appears to be too high [illegible]

Monthly and Annual Precipitation for the Year 1937, with Departures from the Normal

Stations.	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November		December		Annual.	
	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.	Precipitation.	Departure.
Eastern Division																										
Aberdeen ΔΔΔ	2.23	+1.55	1.21	+0.36	3.32	+1.99	3.19	+0.58	2.92	−0.74	2.59	−1.29	4.83	+1.70	2.40	−0.75	0.85	−1.30	0.20	−1.47	0.65	−0.17	0.96	+0.11	25.35	+0.57
Alexandria	1.11	+0.61	0.32	−0.30	1.00	−0.07	3.09	+0.82	1.30	−2.10	3.97	−0.31	1.77	−1.24	1.90	−0.68	1.17	−1.14	0.61	−0.88	0.22	−0.55	0.71	+0.17	17.17	−5.67
Armour	1.64	+1.16	0.19	−0.44	1.14	+0.03	2.21	+0.11	1.27	−2.06	5.22	+1.25	0.93	−1.95	6.39	+3.31	0.58	−1.43	1.00	−0.61	0.22	−0.44	0.64	−0.12	21.38	−1.20
Britton	0.87	+0.46	1.00	+0.41	1.20	+0.52	3.37	+1.67	2.34	−0.85	2.97	−0.40	2.45	+0.01	4.45	+1.33	1.17	−1.03	0.20	−1.21	0.56	−0.09	0.56	+0.08	21.14	+0.90
Brookings	0.45	+0.06	0.26	−0.17	2.03	+1.35	3.19	+1.32	1.70	−1.26	2.39	−1.52	1.16	−1.47	2.28	−0.53	0.55	−1.65	1.11	−0.38	0.31	−0.40	0.76	+0.30	16.19	−4.35
Canistota	1.87	+1.22	0.82	+0.20	3.04	+1.97	5.28	+3.28	1.98	−0.65	7.11	+3.48	1.38	−0.57	3.96	+0.79	0.70	−1.81	1.08	+0.10	0.46	−0.58	0.72	+0.03	28.40	+7.46
Canton	0.52	+0.03	0.19	−0.39	1.56	+0.40	3.42	+1.25	4.56	+0.65	2.83	−1.62	2.37	−1.01	4.26	+1.51	2.16	−0.33	2.23	+0.61	0.07	−0.91	0.33	−0.27	24.50	−0.08
Castlewood	0.85	+0.51	0.42	+0.08	1.59	+0.79	5.16	+2.82	1.00	−1.72	4.79	+0.73	1.00	−2.07	4.50	+1.33	1.79	−0.63	0.74	−0.57	0.46	−0.40	0.82	+0.44	23.12	+1.31
Centerville	2.00	+1.38	0.18	−0.65	1.57	+0.38	4.65	+2.62	2.44	−1.39	2.66	−1.43	0.43	−3.04	4.29	+1.32	1.11	−1.60	2.81	+1.18	0.32	−0.68	0.26	−0.50	22.72	−2.41
Clark	1.36	+0.64	0.73	+0.10	1.77	+0.64	3.45	+1.41	1.55	−1.46	3.16	−0.91	3.17	+0.21	1.96	−1.19	1.70	−0.84	0.25	−1.41	0.33	−0.59	0.72	+0.10	20.14	−3.30
De Smet	0.62	−0.05	0.24	−0.33	1.76	+0.78	3.67	+1.68	1.94	−1.13	2.82	−1.45	1.26	−1.71	2.30	−0.50	0.73	−1.41	0.68	−1.10	0.21	−0.59	0.68	+0.15	16.91	−5.66
Fairfax	1.13	+0.63	0.10	−0.52	1.15	0.00	1.44	−0.93	2.51	−0.91	3.38	−0.47	3.07	+0.09	0.90	−2.05	1.94	+0.15	1.03	−0.53	0.12	−0.50	0.21	−0.45	16.98	−5.49
Flandreau	1.18	+0.75	0.46	−0.06	1.91	+1.03	4.57	+2.47	1.97	−1.50	3.39	−0.72	0.55	−2.12	3.16	+0.12	1.37	−1.30	0.94	−0.75	0.27	−0.74	1.03	+0.50	20.80	−2.32
Forestburg	1.50	+0.91	0.21	−0.39	2.08	+1.16	3.33	+1.22	1.43	−1.92	2.97	−0.89	0.71	−2.39	1.39	−0.99	0.94	−1.05	0.84	−0.68	0.26	−0.45	0.48	−0.10	16.14	−5.38
Gannvalley	1.15	+0.65	0.30	−0.17	1.00	+0.21	1.35	−0.46	2.83	−0.49	3.47	+0.01	0.95	−1.75	3.15	+0.82	0.34	−1.49	0.72	−0.60	0.18	−0.40	0.39	−0.11	15.83	−3.78
Gelhaus Farm	1.04	.....	0.71	.....	2.30	.....	5.17	.....	1.42	.....	5.73	.....	6.10	.....	2.88	.....	1.59	.....	0.26	.....	0.29	.....	0.77	.....	28.26	.....
Howard	0.99	+0.51	0.42	−0.07	2.85	+2.04	5.28	+3.24	2.64	−0.22	2.70	−1.21	0.37	−2.96	1.91	−0.84	0.58	−1.80	0.49	−1.10	0.64	−0.10	0.71	+0.20	19.58	−2.31
HURON	1.51	+0.95	0.55	+0.01	1.45	+0.54	2.43	+0.19	1.48	−1.50	3.69	−0.10	0.98	−2.18	0.94	−1.52	0.80	−0.77	0.35	−0.93	0.43	−0.16	1.01	+0.44	15.62	−5.03
La Delle	0.70	+0.20	0.56	+0.05	2.25	+1.54	2.07	+1.07	2.33	−0.07	2.38	−1.14	1.94	−2.60	1.12	−2.06	0.65	−2.63	0.30	−2.04	0.27	−0.63	0.57	0.00	15.14	−8.31
Leola	0.67	+0.31	0.49	+0.07	1.22	+0.09	1.94	−0.31	2.00	−1.21	2.81	−0.04	3.03	+0.99	2.30	−0.72	0.97	−0.60	0.25	−0.93	0.03	−0.51	0.58	+0.14	16.29	−2.72
Marion	1.57	+0.99	0.32	−0.60	2.25	+0.67	4.01	+1.61	2.56	−1.25	4.22	−0.37	1.18	−2.60	2.98	−0.04	0.82	−1.96	1.84	−0.04	0.35	−0.73	0.70	0.00	22.80	−4.32
Mellette	1.68	+1.10	1.59	+0.93	1.61	+0.66	2.62	+0.50	2.53	−0.62	2.20	−1.03	3.05	+0.50	1.56	−1.12	1.41	−0.63	0.11	−1.28	0.24	−0.46	0.60	+0.07	19.17	−1.39
Menno	1.76	+1.23	0.46	−0.30	1.35	+0.26	2.91	+0.74	2.78	−0.92	3.83	−0.25	1.51	−1.82	9.26	+6.35	0.66	−1.79	1.66	+0.04	0.30	−0.63	0.59	−0.09	27.07	+2.82
Milbank	1.19	+0.41	0.55	−0.27	1.86	+0.40	5.46	+3.29	5.93	+2.88	3.06	−0.91	0.90	−1.97	3.39	+0.40	1.65	−0.52	0.80	−0.98	0.23	−0.92	0.90	+0.10	25.92	+1.91
Miller	0.58	+0.26	0.37	+0.01	2.19	+1.43	1.80	+0.04	3.24	+0.33	2.95	−0.28	2.28	+0.03	0.86	−1.64	0.22	−1.40	T.	−1.13	0.37	−0.13	0.67	+0.29	15.56	−2.19
Mitchell	1.56	+1.07	0.16	−0.51	2.38	+1.27	3.31	+1.03	1.26	−2.12	2.87	−1.35	1.32	−1.96	2.21	−0.44	2.36	+0.11	0.74	−0.82	0.23	−0.46	1.02	+0.47	19.41	−3.71
Parkston	1.15	+0.56	0.35	−0.49	1.51	+0.17	2.86	+0.58	1.16	−2.10	6.14	+2.20	0.96	−2.25	4.46	+1.68	0.77	−1.58	1.07	−0.49	0.26	−0.48	0.52	−0.12	21.21	−2.32
Redfield	0.41	−0.03	0.51	−0.04	1.78	+0.93	2.36	+0.41	1.71	−1.07	2.16	−1.06	1.96	−0.59	1.39	−1.26	1.49	−0.28	0.13	−1.23	0.47	−0.18	0.55	+0.04	14.92	−4.36
Sioux Falls	1.76	+1.16	0.01	−0.69	1.36	+0.25	5.19	+2.87	3.96	+0.05	3.20	−1.34	2.63	−0.83	5.00	+1.85	1.48	−1.40	1.75	−0.05	0.53	−0.67	0.72	+0.03	27.65	+1.23
Sisseton	1.80	+1.27	0.63	−0.03	1.69	+0.45	5.54	+3.39	2.52	−0.55	4.59	+0.94	4.33	+1.03	3.25	+0.34	0.59	−1.22	0.28	−1.34	0.10	−0.43	0.56	−0.11	25.88	+3.74
Tyndall	1.03	+0.61	0.22	−0.32	0.77	−0.33	1.47	−0.81	3.52	−0.61	1.57	−2.21	0.69	−2.71	5.05	+1.75	0.98	−1.56	1.62	−0.10	0.18	−0.69	0.37	−0.22	17.47	−7.20
Vermillion	0.90	+0.36	0.16	−0.64	1.84	+0.62	4.00	+1.46	2.68	−0.46	3.81	−0.09	0.88	−2.72	9.90	+6.92	0.97	−2.13	3.15	+1.43	0.27	−0.90	0.22	−0.52	28.78	+3.32
Victor	1.70	+1.33	0.63	+0.27	1.38	+0.39	4.85	+2.99	3.49	+1.28	2.94	−0.84	3.41	+0.88	2.34	−0.87	0.99	−0.92	0.28	−1.00	0.92	+0.09	0.66	+0.11	23.59	+3.71
Wagner	2.05	+1.26	0.28	−0.61	1.35	−0.07	2.15	−0.53	2.19	−1.32	4.14	+0.54	0.38	−3.67	4.20	+1.69	1.32	−1.08	1.36	−0.52	0.31	−0.50	0.45	−0.55	20.18	−5.36
Watertown	1.00	+0.49	0.36	−0.12	1.91	+1.13	4.62	+1.99	2.30	−0.52	4.40	+0.68	0.92	−1.89	2.54	−0.26	1.44	−0.77	0.73	−0.69	0.39	−0.36	0.83	+0.34	21.44	+0.02
Webster (near)	0.91	+0.49	0.71	+0.34	1.00	+0.31	4.74	+3.04	3.32	+0.72	$4.72	+1.40	3.40	+0.49	4.40	+1.21	1.55	−0.74	0.17	−1.12	0.36	−0.26	0.29	−0.15	$25.67	+5.73
Wentworth	1.00	+0.49	0.29	−0.23	2.73	+1.89	4.81	+2.78	1.91	−1.57	4.43	+0.11	1.20	−1.96	2.37	−0.80	2.41	−0.33	0.79	−0.84	0.39	−0.43	0.99	+0.47	23.32	−0.42
White Lake	0.91	+0.45	0.22	−0.32	1.82	+0.94	1.45	−0.53	1.28	−1.40	2.21	−1.69	0.94	−1.76	0.97	−1.28	1.65	−0.04	0.80	−0.66	0.17	−0.37	0.53	+0.04	12.95	−6.62
Yankton	0.78	+0.19	0.09	−0.71	1.14	−0.13	3.03	+0.21	2.35	−1.51	2.31	−1.46	2.19	−1.21	9.65	+6.64	0.91	−1.82	2.08	+0.70	0.15	−0.68	0.28	−0.61	24.91	−0.39
Middle Division																										
Academy	0.90	+0.48	0.10	−0.49	1.82	+0.73	1.23	−1.05	2.90	−0.14	3.99	+0.07	1.10	−1.74	2.25	−0.49	0.85	−0.80	1.00	−0.50	0.10	−0.52	0.42	−0.22	16.66	−4.67
Belvidere	0.85	+0.34	0.13	−0.30	1.22	−0.46	0.93	−1.45	2.19	−0.92	4.79	+2.41	2.23	+0.44	0.47	−1.52	0.05	−0.83	0.20	−1.33	0.18	−0.40	0.47	−0.17	13.71	−4.19
Bowdle	1.14	+0.67	0.28	−0.48	1.53	+0.42	0.70	−1.32	2.87	−0.03	4.37	+0.95	1.93	−0.63	1.34	−1.46	0.87	−0.74	0.09	−1.10	0.10	−0.47	0.31	−0.14	15.53	−4.33
Eureka	0.39	+0.09	0.12	−0.30	0.41	−0.23	0.58	−0.90	2.08	−0.56	2.66	−0.42	3.78	+1.40	3.04	+0.45	0.82	−1.05	0.12	−1.04	0.15	−0.27	0.39	0.00	14.54	−2.83
Faulkton	0.96	+0.52	0.25	−0.36	1.88	+0.93	1.62	−0.58	2.70	−0.48	2.10	−1.17	3.16	+0.98	0.70	−1.81	0.31	−1.19	0.21	−1.02	0.08	−0.56	0.30	−0.18	14.27	−4.92
Gettysburg	0.66	.....	0.45	.....	0.92	.....	0.54	.....	2.20	.....	2.24	.....	4.35	.....	0.88	.....	0.50	.....	0.10	.....	0.08	.....	0.77	.....	13.69	.....
Gregory	0.96	+0.66	0.11	−0.15	1.05	+0.09	1.42	+0.39	2.00	−1.17	5.08	+1.89	3.78	+1.67	3.04	+0.92	1.94	+0.32	0.89	−0.62	0.24	−0.31	0.54	+0.23	21.05	+3.92
Highmore	0.82	+0.44	0.35	−0.01	1.50	+0.61	1.28	−0.44	3.74	+0.84	2.91	−0.25	3.32	+0.94	0.49	−1.85	0.14	−1.39	0.01	−1.14	0.20	−0.31	0.61	+0.21	15.37	−2.35
Hopewell	0.81	+0.27	0.31	−0.22	2.01	+1.13	0.75	−0.96	2.98	+0.11	2.58	−0.23	8.35	+6.22	T.	−2.00	0.22	−1.04	0.06	−1.06	0.22	−0.24	0.37	−0.15	18.66	+1.84
Ipswich	0.87	+0.46	0.77	+0.31	1.62	+0.93	1.79	−0.24	1.73	−1.56	2.15	−1.29	2.51	+0.03	2.12	−0.57	1.20	−0.43	0.17	−1.07	0.10	−0.42	0.38	0.00	15.41	−3.85
Kennebec	1.11	+0.58	0.40	−0.12	1.40	+0.63	1.03	−0.75	2.03	−0.77	4.09	+0.96	1.04	−1.31	1.17	−1.01	0.40	−0.89	0.08	−1.09	0.26	−0.24	0.28	−0.30	13.29	−4.31
McIntosh	0.48	−0.01	0.30	−0.17	0.51	−0.42	$0.85	−0.40	$1.43	−1.43	7.25	+2.77	2.06	+0.48	1.62	−0.93	0.84	−0.70	0.39	−0.67	0.00	−0.47	$0.29	−0.16	16.02	−2.11
McLaughlin	1.00	+0.60	0.64	+0.18	1.24	+0.47	1.16	−0.39	1.46	−0.84	5.27	+2.19	2.77	+0.82	1.63	+0.17	0.61	−0.99	0.32	−0.78	0.07	−0.59	0.41	−0.02	16.58	+0.82
Mobridge	0.79	+0.26	0.34	−0.34	0.57	−0.49	0.67	−1.02	2.28	−0.96	2.70	−0.21	3.76	+1.75	1.34	−1.19	0.52	−0.80	0.22	−0.91	0.17	−0.20	0.34	−0.06	13.70	−4.17
Murdo	1.95	+1.39	0.60	+0.02	2.05	+1.12	1.45	−0.74	3.50	+0.66	4.25	+1.25	2.25	−0.47	2.10	+0.06	0.10	−1.24	0.00	−1.50	0.10	−0.44	0.75	+0.16	19.10	+0.26
Onaka	0.61	+0.13	1.11	+0.34	1.05	−0.02	1.31	−0.03	2.32	−1.31	2.22	−1.05	3.21	+0.40	0.95	−2.23	1.41	−0.45	0.08	−1.22	0.07	−0.53	0.30	−0.34	14.64	−6.31
Onida	0.47	+0.17	0.17	−0.35	0.47	−0.21	0.47	−1.25	2.38	−0.44	2.34	−0.70	4.42	+2.02	1.68	−0.68	0.38	−0.72	0.02	−1.00	0.07	−0.25	0.28	+0.02	13.15	−3.39
Ottumwa	0.25	−0.29	T.	−0.61	0.50	−0.36	0.60	−1.22	1.86	−0.76	3.58	+0.96	3.32	+1.38	0.02	−2.09	0.37	−0.57	0.02	−0.87	0.07	−0.49	0.39	−0.12	10.98	−5.04
Pierre	0.64	+0.18	0.28	−0.18	1.90	+1.04	0.51	−1.30	2.80	+0.31	2.62	−0.36	2.85	+0.17	0.48	−1.61	0.06	−1.04	0.02	−0.80	0.21	−0.26	0.50	0.00	12.85	−3.85
Pollock	1.04	+0.52	0.33	−0.11	0.26	−0.51	0.83	−0.56	1.82	−0.49	3.26	−0.13	2.94	+0.79	2.30	+0.19	0.77	−0.72	0.13	−0.93	0.44	−0.07	0.33	−0.19	14.45	−2.21
Pukwana	1.32	+1.06	0.30	0.00	1.30	+0.46	1.31	−0.02	2.10	+0.11	3.20	+0.27	1.24	−0.62	3.19	+1.64	0.75	−0.74	0.52	−0.56	0.14	−0.31	0.70	+0.39	16.07	+1.68
Vivian	1.39	+0.99	0.80	+0.42	0.92	+0.11	0.79	−2.59	2.89	−0.01	5.40	+1.98	1.47	−0.84	1.26	−0.97	0.23	−1.06	0.15	−1.20	0.30	−0.21	0.34	−0.08	15.94	−3.46
Winner	0.46	+0.13	0.39	−0.16	$1.28	+0.10	$1.19	−1.22	2.96	+0.48	3.11	−0.29	2.47	+0.12	5.13	+3.06	0.79	−0.43	0.18	−1.21	0.28	−0.10	0.61	+0.15	18.85	+0.63
Wood	1.16	+0.74	0.26	−0.21	1.38	+0.50	1.13	−1.09	1.67	−1.19	1.61	−1.52	1.42	−1.12	1.30	−1.82	0.23	−1.01	0.50	−0.87	0.23	−0.47	0.24	−0.28	11.13	−8.34
Western Division																										
Ardmore	0.57	+0.27	0.43	+0.06	1.46	+0.82	0.62	−1.02	2.77	−0.30	2.86	+0.17	1.04	−1.05	0.43	−1.04	0.37	−0.73	1.06	−0.12	0.41	+0.07	0.41	+0.08	12.43	−2.79
Bellefourche	0.32	−0.06	0.19	−0.09	0.67	−0.18	0.74	−0.76	2.04	−0.42	4.39	+1.85	4.24	+2.23	0.93	−0.51	2.00	+0.64	0.09	−0.86	0.22	−0.23	0.48	+0.04	16.31	+1.65
Bison	0.68	+0.27	0.52	+0.06	1.81	+0.98	0.86	−0.28	2.14	−0.42	4.77	+2.33	1.68	−0.50	0.10	−2.00	0.53	−0.68	0.16	−0.63	0.25	−0.22	0.13	−0.25	13.63	−1.34
Camp Crook	1.10	+0.62	0.34	−0.06	1.02	+0.19	1.04	+0.06	2.07	−0.24	4.20	+1.35	4.42	+2.45	0.38	−1.09	$0.74	−0.42	T.	−0.76	0.29	−0.04	0.35	0.00	15.95	+2.06
Cottonwood	0.21	−0.13	0.12	−0.19	1.80	+1.22	0.79	−0.95	2.52	−0.20	3.40	+0.64	4.29	+2.05	0.21	−1.75	0.75	−0.43	0.17	−0.83	0.05	−0.33	0.34	−0.09	14.65	−0.99
Custer	0.49	+0.07	0.41	−0.05	1.11	+0.36	0.28	−1.32	2.25	−0.73	2.12	−0.72	2.21	−1.34	0.64	−1.68	0.42	−0.96	0.40	−0.74	0.30	−0.09	0.84	+0.51	11.47	−6.69
Deerfield	0.20	−0.41	0.23	−0.21	0.68	−0.13	0.41	−1.35	2.36	−0.62	2.85	−0.85	3.73	+0.59	1.27	−0.96	0.73	−0.57	T.	−1.18	0.14	−0.36	0.74	+0.32	13.34	−5.73
Dowling	0.30	−0.18	0.06	−0.38	0.40	−0.42	0.17	−1.37	1.58	−1.67	2.95	−0.81	5.22	+2.62	$0.19	−2.33	$0.48	−0.83	0.01	−1.11	0.17	−0.35	0.50	−0.02	12.03	−6.85
Dumont	0.37	−0.97	0.31	−0.97	0.87	−0.98	0.23	−2.09	2.68	−0.06	3.39	+0.13	4.69	+1.55	1.10	−0.84	1.32	−0.23	0.32	−0.97	1.12	+0.31	1.72	+0.66	18.12	−4.46
Dupree	1.22	+0.45	0.48	−0.08	2.25	+1.27	0.59	−0.99	1.98	+0.04	4.98	+1.69	3.81	+1.45	0.21	−1.63	0.30	−0.80	0.11	−0.85	0.43	−0.38	0.54	−0.14	16.40	+0.03
Faith	0.60	+0.29	0.45	0.00	3.01	+1.99	0.79	−1.00	1.71	−0.93	3.96	+1.49	3.57	+1.76	0.55	−0.55	0.58	−0.54	0.30	−0.79	0.17	−0.33	0.07	−0.24	15.76	+1.15
Hardy Ranger Station	1.09	−0.46	0.68	−0.56	1.11	−0.49	0.66	−1.42	2.03	−0.67	3.92	+1.17	2.48	+0.26	1.19	−0.49	1.56	+0.09	0.38	−1.10	0.83	+0.01	1.44	+0.30	17.37	−3.36
Harveys Ranch	0.53	−0.97	1.18	−0.18	1.07	−0.80	0.51	−2.06	2.13	−1.66	5.63	+1.16	5.51	+1.99	1.16	−0.98	1.17	−0.27	0.56	−0.76	0.69	−0.23	1.46	+0.46	21.60	−4.30
Hot Springs	0.54	−0.22	0.42	−0.12	2.17	+1.09	0.72	−1.12	1.29	−1.97	6.66	+3.50	2.79	+0.15	0.15	−1.87	0.74	−0.58	0.75	−0.64	0.42	−0.16	0.21	−0.43	16.86	−2.37
Lead	0.52	−0.50	0.63	−0.33	1.04	−0.76	0.71	−2.17	4.00	+0.12	4.74	+1.12	5.50	+2.58	1.25	−0.77	1.26	−0.50	0.21	−1.49	0.66	−0.20	1.54	+0.57	22.06	−2.33
Lemmon	0.18	−0.42	0.53	0.00	1.05	+0.15	0.74	−0.53	1.40	−0.75	5.05	+1.52	2.51	+0.78	0.26	−1.12	0.95	−0.24	0.18	−0.65	0.32	−0.06	0.29	−0.23	13.46	−1.55
Longvalley	0.23	.....	$0.17	.....	0.64	.....	0.99	.....	2.26	.....	2.74	.....	2.49	.....	1.08	.....	0.32	.....	0.58	.....	0.12	.....	0.23	.....	11.76	.....
Ludlow	0.17	−0.10	0.02	−0.12	0.34	−0.31	2.05	+1.16	2.14	−0.13	5.35	+2.12	2.32	+0.47	0.16	−1.11	0.54	−0.40	0.24	−0.64	0.22	0.00	0.19	−0.17	13.74	+0.77
Martin	0.51	.....	0.12	.....	2.03	.....	0.66	.....	1.81	.....	2.77	.....	1.20	.....	1.08	.....	0.47	.....	0.77	.....	0.15	.....	0.30	.....	11.87	.....
Newell	0.51	+0.16	0.28	+0.02	1.50	+0.80	0.71	−0.89	2.03	−0.91	3.40	+0.69	5.79	+3.61	0.61	−0.99	2.87	+1.45	0.18	−1.05	0.25	−0.18	0.48	+0.17	18.61	+2.87
Oelrichs	0.04	−0.72	0.18	−0.50	2.26	+1.17	0.62	−1.48	1.16	−2.14	4.52	+1.07	0.51	−2.01	0.16	−1.39	0.20	−1.17	1.21	−0.27	0.33	−0.36	0.06	−0.65	11.25	−8.45
Orman	0.30	−0.16	0.11	−0.17	0.97	+0.21	0.57	−0.97	1.74	−0.92	3.61	+1.01	6.76	+4.54	0.81	−0.59	2.67	+1.37	0.07	−0.97	0.11	−0.27	0.57	+0.09	18.29	+3.17
Pine Ridge	0.29	−0.08	0.18	−0.15	1.37	+0.62	0.96	−0.76	3.21	+0.96	4.68	+2.23	1.50	−1.58	1.32	−0.36	0.43	−0.69	1.05	−0.27	0.35	−0.05	0.24	−0.28	15.58	−0.41
Rapid City	0.35	−0.10	0.24	−0.24	1.63	+0.66	0.50	−1.53	2.80	−0.76	2.77	−0.56	3.45	+1.06	0.43	−1.27	0.67	−0.53	0.14	−0.80	0.22	−0.27	0.79	+0.35	13.99	−3.99
Redig	0.41	−0.36	0.15	−0.25	0.79	−0.30	1.42	+0.20	2.16	+0.22	4.72	+2.24	3.52	+1.67	0.29	−1.14	0.56	−0.57	0.17	−0.68	0.32	−0.14	0.30	−0.25	14.81	+0.64
Reva (near)	0.15	−0.55	0.13	−0.52	2.05	+0.23	1.40	+0.03	1.86	−0.66	3.89	+0.90	1.92	−0.48	0.23	−1.20	0.93	−0.51	0.21	−0.76	0.11	−0.22	0.01	−0.68	12.89	−4.42
Rochford	0.28	−0.57	0.31	−0.49	1.27	+0.23	0.50	−1.66	2.00	−1.18	4.40	+1.01	3.42	+0.28	0.65	−1.65	1.67	+0.23	0.36	−1.02	0.25	−0.47	0.87	+0.23	15.98	−5.06
Spearfish	0.22	−0.41	0.25	−0.41	1.29	+0.04	0.48	−1.05	$2.60	−0.85	4.44	+1.16	7.26	+4.80	0.95	−0.84	2.47	+0.79	0.16	−1.36	0.98	+0.12	0.81	+0.09	21.91	+1.48
Vale	0.39	+0.05	0.19	−0.08	1.24	+0.43	0.68	−0.78	2.54	−0.54	4.44	+1.33	9.27	+7.09	0.79	−0.93	2.02	+0.43	0.07	−1.15	0.32	−0.08	0.57	+0.11	22.52	+5.88
Waters Ranch	0.24	−0.64	0.51	−0.20	0.84	−0.50	0.36	−1.77	3.17	+0.10	4.50	+1.35	4.83	+2.35	0.69	−1.01	1.76	−0.07	0.12	−1.46	0.56	−0.05	0.93	+0.15	18.51	−1.75
For the State	0.83	+0.28	0.37	−0.19	1.44	+0.33	1.69	−0.36	2.31	−0.56	3.66	+0.28	2.83	+0.37	1.86	−0.27	0.97	−0.53	0.47	−0.71	0.28	−0.35	0.56	+0.01	17.27	−1.70

ΔΔΔ The normal precipitation for Aberdeen appears to be too high except for the months of August and September.

Climatological Data for the Year 1938

STATIONS.	Counties.	Elevation, feet.	Temperature (degrees Fahrenheit).						Precipitation (inches).							Number of days.				Prevailing direction of wind.
			Length of record, years.	Annual mean.	Highest.	Date.	Lowest.	Date.	Length of record, years.	Total for the year.	Greatest monthly.	Month.	Least monthly	Month.	Total snowfall.	With precipitation 0.01 inch or more.	Clear.	Partly cloudy.	Cloudy.	
Western Division—Continued																				
Deerfield	Pennington	5,845	.....	.....	.....	.....	.....	.....	29	14.48	3.99	May	0.07	Feb.	57.9	82	181	164	70	sw.
Dumont †‡	Lawrence	6,195	.....	.....	.....	.....	.....	.....	30	19.43	4.10	..	0.14	Oct.	119.7	107	153	123	89	nw.
Dupree	Ziebach	2,353	17	48.0	108	Aug. 2	−25	Feb. 17	17	11.65	2.52	..	0.08	Dec.	33.2	54	131	126	108	nw.
Faith	Meade	2,600	14	49.6	107	.. 2	−18	Jan. 30†	15	15.46	3.98	June	0.24	Oct.	.....	80	107	180	78	nw
Harveys Ranch †‡	Lawrence	6,600	.....	.....	.....	.....	.....	.....	29	17.57	4.57	May	0.26	..	100.9	98	215	90	60	w.
Hilland §	do	6,284	.....	.....	.....	.....	.....	.....	30	23.04	5.16	..	T.	..	115.5	85	187	78	100	nw.
Hot Springs	Haakon	2,350	30	49.7	107†	Aug. 8	−16	Jan. 30	30	12.64	3.08	June	0.02	Dec.	13.6	54	178	109	78	nw.
Lead	Fall River	3,551	33	51.6	107	.. 21†	−13	.. 30	35	16.96	3.91	May	0.03	Feb.	24.2	69	247	57	61	nw.
Lemmon	Lawrence	5,245	30	46.1	95	.. 13	−19	.. 30	30	21.66	4.59	..	0.18	Oct.	81.3	124	159	96	110	nw.
Longvalley	Perkins	2,596	27	45.3	104	.. 12	−29	.. 30	27	15.00	3.50	July	0.14	Dec.	24.9	73	169	88	108	nw.
Ludlow	Washabaugh	2,467	11	.....	111	.. 2	−17	.. 30	11	16.02	4.35	May	T.	Oct. *	.....	.....	.....	.....	.....	nw.
Martin	Harding	3,200	15	45.1	102	.. 12	−23	Feb. 17	15	12.89	3.63	June	0.15	Apr.*	.....	66	165	126	74	nw.
Newell	Bennett	3,331	2	49.0	105	.. 2	−17	Jan. 30	5	18.08	4.94	May	0.04	Dec.	19.7	80	178	130	57	nw.
Oelrichs	Butte	2,816	18	47.4	106	.. 2	−20	Feb. 17	18	9.85	2.28	..	0.08	Oct.	.....	81	.....	.....	.....	.....
Orman †‡	Fall River	3,342	42	49.3	104	.. 2	−15	Jan. 30	49	14.79	3.03	..	0.02	Feb.	12.2	64	248	67	50	sw.
Pine Ridge	Butte	2,933	32	49.3	106	.. 12	−19	Feb. 17	33	10.35	2.96	..	0.00	Oct.	13.5	43	166	108	91	e.
Rapid City	Shannon	3,200	20	.....	100	July 31	−22	Jan. 30	20	17.31	5.39	July	T.	Dec.	16.0	69	178	118	69	nw.
Redig (near) †‡	Pennington	3,231	51	49.5	102	Aug. 12	−13	.. 30	51	15.71	3.57	June	0.08	..	25.7	88	138	151	76	n.
Reva (near) †‡	Harding	2,800	24	46.4	104	.. 2	−26	Feb. 17	24	9.85	3.45	May	0.13	Feb.	.....	77	181	88	96	nw.
Rochford	Harding	2,800	27	.....	104*	.. 12	−32	.. 17	28	.....	3.35	June	.....	.....	.....	.....	.....	.....	.....	nw.
Spearfish	Pennington	5,299	.....	.....	.....	.....	.....	.....	34	13.99	3.63	May	0.20	Feb.	59.1	64	247	63	55	w.
Vale	Lawrence	3,617	42	48.7	104	Aug. 12	−18	Jan. 30	49	16.06	5.09	..	0.12	Oct.	.....	82	126	152	87	e.
Waters Ranch †‡	Butte	2,773	31	47.5	102	.. 12	−21	Feb. 17	31	11.72	3.56	..	0.08	Feb.	12.0	55	189	79	97	nw.
	Lawrence	4,000	.....	.....	.....	.....	.....	.....	30	13.87	4.52	..	0.06	Oct.	49.8	75	93	106	166	nw.
For the Division			.....	48.2	111	Aug. 2	−32	Feb. 17	....	14.96	5.75	May	0.00	Oct.	38.7	74	166	118	81	nw.
For the State			.....	47.9	114	Aug. 13	−34	Feb. 18	....	17.60	7.76	Sept.	0.00	Oct. *	32.8	71	168	115	82	nw.

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1938, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen ΔΔΔ	0.71	+0.03	0.74	−0.11	0.50	−0.83	3.92	+1.31	2.13	−1.53	3.17	−0.71	1.73	−1.40	0.64	−2.51	2.09	−0.06	0.11	−1.56	0.65	−0.17	0.42	−0.43	16.81	−7.97
Alexandria	0.19	−0.31	1.35	+0.73	2.27	+1.20	1.57	−0.70	4.92	+1.52	3.37	−0.91	0.67	−2.34	1.58	−1.00	4.42	+2.11	0.18	−1.31	0.31	−0.46	0.08	−0.46	20.91	−1.93
Andover [near]	0.36	.....	0.58	.....	0.51	.....	2.80	.....	2.43	.....	2.32	.....	4.19	.....	0.55	.....	3.23	.....	0.17	.....	0.44	.....	0.22	.....	17.80	.....
Arlington	0.60	.....	1.19	.....	2.03	.....	§1.95	.....	4.10	.....	4.66	.....	0.92	.....	1.69	.....	1.86	.....	0.34	.....	0.31	.....	0.70	.....	20.35	.....
Armour	0.37	−0.12	1.37	+0.74	2.16	+1.04	2.56	+0.46	3.62	+0.29	2.40	−1.57	1.89	−0.99	1.00	−2.08	3.34	+1.38	0.03	−1.58	0.49	−0.17	0.11	−0.65	19.33	−3.25
Ashton	1.13	+0.73	0.86	+0.48	0.99	+0.03	3.27	+1.22	3.02	+0.89	1.32	−1.97	2.69	+0.71	0.37	−1.89	2.45	+0.91	0.11	−1.41	0.03	−0.61	0.16	−0.52	16.40	−1.43
Britton	0.94	+0.58	0.67	+0.08	0.61	−0.07	3.00	+1.30	2.36	−0.83	2.36	−1.01	3.47	+1.03	1.71	−1.41	1.93	−0.27	0.10	−1.39	1.65	+0.94	0.26	−0.20	17.20	−3.34
Brookings	0.44	+0.05	0.58	+0.15	1.10	+0.42	1.02	−0.85	4.15	+1.19	3.47	−0.44	2.02	−0.61	0.48	−2.33	1.93	−0.27	0.12	−1.29	0.41	−0.24	0.39	−0.09	17.97	−2.27
Canistota	0.55	−0.10	0.83	+0.21	1.79	+0.72	0.99	−1.01	5.06	+2.43	2.42	−1.21	1.10	−0.85	1.12	−2.05	7.76	+5.25	0.20	−0.78	0.73	−0.31	0.30	−0.39	22.85	+1.91
Canton	0.68	+0.19	0.99	+0.41	1.32	+0.16	2.27	+0.10	5.22	+1.31	2.15	−2.30	4.02	+0.64	0.77	−1.98	7.06	+4.57	T.	−1.62	2.84	+1.86	0.29	−0.31	27.61	+3.03
Castlewood	0.74	+0.40	0.39	+0.05	0.83	+0.03	1.93	−0.41	3.53	+0.81	2.50	−1.56	2.21	−0.86	3.30	+0.13	1.90	−0.52	0.08	−1.23	0.40	−0.46	0.27	−0.11	18.08	−3.73
Centerville	0.31	−0.31	1.43	+0.60	1.59	+0.40	2.07	+0.04	4.74	+0.91	2.02	−2.07	2.28	−1.19	2.24	−0.73	6.88	+4.17	0.16	−1.47	1.29	+0.29	0.23	−0.63	25.24	+0.11
Clark	0.98	+0.26	0.65	+0.02	0.94	−0.19	3.16	+1.12	3.45	+0.44	3.18	−0.88	2.09	−0.87	1.10	−2.05	2.00	−0.54	0.29	−1.37	0.66	−0.26	0.61	−0.11	19.01	−4.43
Clear Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.55	+1.35	2.55	+0.08	0.28	−1.40	0.73	−0.05	0.19	−0.29	.....	.....
De Smet	0.49	−0.18	0.46	−0.11	0.94	−0.04	3.06	+1.07	4.13	+1.06	2.90	−1.37	1.15	−1.82	1.76	−1.04	2.70	+0.56	0.52	−1.26	0.29	−0.51	0.31	−0.22	18.71	−3.86
Fairfax	0.41	−0.09	1.10	+0.48	2.17	+1.02	4.11	+1.74	4.34	+0.92	1.21	−2.64	4.07	+1.09	2.03	−0.92	1.95	+0.16	T.	−1.56	0.35	−0.27	T.	−0.66	21.74	−0.73
Flandreau (near)	0.48	+0.05	0.83	+0.31	1.75	+0.87	1.48	−0.62	3.96	+0.49	5.12	+1.01	1.63	−1.04	1.02	−2.02	4.45	+1.78	0.28	−1.41	1.09	+0.08	0.65	+0.12	22.74	−0.38
Forestburg (near)	0.24	−0.35	1.00	+0.40	2.16	+1.24	4.63	+2.52	6.00	+2.65	2.87	−0.99	1.40	−1.61	1.56	−0.82	2.01	+0.02	0.33	−1.09	0.30	−0.41	0.36	−0.22	22.86	+1.34
Gannvalley	0.47	−0.03	1.07	−0.60	1.38	+0.59	5.82	+4.01	4.31	+0.99	2.23	−1.23	1.47	−1.23	0.59	−1.74	1.78	−0.05	0.05	−1.27	T.	−0.58	0.11	−0.39	19.28	−0.33
Geddes	0.08	.....	0.81	.....	1.90	.....	4.74	.....	3.75	.....	4.35	.....	2.39	.....	0.84	.....	3.17	.....	0.02	.....	0.30	.....	0.06	.....	22.41	.....
Gelhaus Farm	0.46	.....	0.58	.....	0.96	.....	3.01	.....	2.42	.....	2.09	.....	4.79	.....	1.02	.....	3.45	.....	0.06	.....	0.59	.....	0.52	.....	19.95	.....
Howard	0.29	−0.19	0.69	+0.20	1.65	+0.84	1.80	−0.24	4.72	+1.86	2.76	−1.15	1.13	−2.20	2.32	−0.43	2.19	−0.19	0.22	−1.37	0.22	−0.52	0.29	−0.22	18.28	−3.61
HURON	0.43	−0.13	0.65	+0.11	1.47	+0.56	5.78	+3.54	3.29	+0.31	1.28	−2.51	2.99	−0.17	0.63	−1.83	2.95	+1.38	0.14	−1.14	0.22	−0.37	0.22	−0.35	20.05	−0.60
Huron (Airport)	.....	.....	.....	.....	.....	.....	5.86	.....	3.64	.....	1.05	.....	3.64	.....	0.58	.....	2.77	.....	0.15	.....	0.28	.....	0.11	.....	.....	.....
La Delle (near)	0.67	+0.17	0.82	+0.31	0.73	+0.02	4.25	+3.25	2.95	+0.55	2.40	−1.12	3.47	−1.07	2.62	−0.56	1.96	−1.32	0.17	−2.17	0.26	−0.64	0.38	−0.19	20.68	−2.77
Leola	0.76	+0.40	0.60	+0.18	0.85	−0.28	1.36	−0.89	2.16	−1.05	2.11	−0.74	1.87	−0.17	2.50	−0.52	2.64	+1.07	0.19	−0.99	0.33	−0.21	0.08	−0.36	15.15	−3.56
Marion	0.54	−0.04	1.46	+0.54	1.91	+0.33	1.51	−0.89	4.67	+0.86	2.59	−2.00	1.10	−2.68	0.31	−2.71	4.65	+1.87	0.14	−1.74	0.89	−0.19	0.17	−0.53	19.94	−7.18
Mellette	0.75	+0.20	0.74	+0.08	1.11	+0.15	3.30	+1.18	2.29	−0.86	1.23	−2.00	2.47	−0.08	0.47	−2.21	2.81	+0.77	0.21	−1.18	0.39	−0.31	0.52	−0.01	16.29	−4.27
Menno	0.54	+0.01	1.58	+0.82	2.18	+1.09	3.17	+1.00	4.23	+0.53	1.60	−2.48	1.84	−1.49	1.19	−1.72	3.96	+1.51	0.04	−1.58	0.69	−0.24	0.34	−0.34	21.36	−2.89
Milbank	0.31	−0.47	0.50	−0.32	1.56	+0.10	2.49	+0.32	3.60	+0.55	3.62	−0.35	2.66	−0.21	0.79	−2.20	2.67	+0.50	0.09	−1.69	0.98	−0.17	0.18	−0.62	19.45	−4.56
Millet	0.50	+0.18	0.87	+0.51	1.43	+0.67	5.28	+3.52	2.48	−0.43	2.14	−1.12	1.93	−0.32	2.27	−0.23	2.06	+0.44	0.03	−1.10	0.22	−0.28	0.14	−0.24	19.35	+1.60
Mitchell	0.38	−0.11	1.10	+0.44	2.64	+1.53	3.44	+1.16	5.27	+1.89	3.20	−1.02	0.80	−2.48	0.53	−2.12	2.90	+0.65	0.20	−1.36	T.	−0.69	0.16	−0.40	20.61	−2.51

Climatological Data for the Year 1939

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)						Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Western Division—Continued																				
Deerfield	Pennington	5,845							30	16.69	4.52	Aug.	0.00	Nov.	39.9	73	179	126	60	sw.
Dumont ‡‡	Lawrence	6,195							31	19.17	3.65	Apr.	0.02	"	131.6	114	203	70	92	w.
Dupree	Ziebach	2,353	18	48.3	105	July 11	−28	Feb. 8†	18	11.53	5.18	June	0.00	"	25.5	42	149	148	68	nw.
Faith	Meade	2,600	15	48.1	107	" 11	−26	" 8†	16	14.62	4.36	"	T.	"	31.3	74	130	118	117	nw.
Hardy Ranger Sta.‡‡	Lawrence	6,600							30	18.39	4.03	Aug.	0.15	"	95.5	88	205	96	64	w.
Harveys Ranch ‡‡	do	6,284							31	23.60	4.79	Apr.	T.	"	122.8	86	198	71	96	nw.
Hilland	Haakon	2,350	31	48.4	112	July 20	−25	Feb. 10	31	11.85	3.09	June	T.	"	18.7	48	202	97	66	n.
Hot Springs	Fall River	3,551	34	51.6	112	" 10	−20	" 8†	36	11.36	2.74	Aug.	0.00	"	31.3	67	255	57	53	nw.
Lead	Lawrence	5,245	31	46.8	97	" 10†	−26	" 8	31	18.45	3.65	June	0.08	"	90.5	118	172	100	93	nw.
Lemmon	Perkins	2,596	28	44.8	104	" 20	−37	" 8	28	14.09	3.76	"	T.	"	26.4	68	145	89	131	nw.
Longvalley	Washabaugh	2,467	12	52.0	113	" 11	−23	" 10	12	11.13	2.02	"	0.00	"	30.2	48	233	75	57	nw.
Ludlow	Harding	3,200	16	45.4	101	" 29†	−33	" 8	16	14.90	4.79	July	0.00	"	24.1	58	193	101	71	nw.
Martin	Bennett	3,331	3	49.0	111	" 11	−25	" 10	6	14.75	3.52	May	0.00	"	26.7	63	174	121	80	nw.
Newell	Butte	2,816	19	47.9	104	" 10	−21	" 8†	19	10.06	2.82	June	0.06	"	.....	79	.....	.....	.....	.....
Oelrichs	Fall River	3,342	43	50.2	112	" 11	−21	" 8	50	10.11	3.16	May	0.00	"	20.5	54	.....	.....	.....	ne.
Orman ‡‡	Butte	2,933	33	49.8	106	" 10	−25	" 10	34	10.49	3.71	June	0.06	"	14.3	56	178	108	79	w.
Pine Ridge	Shannon	3,200	21	49.8	110	" 11	−25	" 10	21	13.20	3.01	May	0.00	"	.....	56	227	102	36	s.
Rapid City	Pennington	3,231	52	50.2	105	" 20	−26	" 10	52	11.02	2.16	June	T.	"	26.5	92	148	132	85	n.
Redig (near) ‡‡	Harding	2,800	25	46.4	104	" 10†	−35	" 11	25	8.47	2.63	"	T.	"	22.3	71	196	87	82	nw.
Reva (near) ‡‡	Harding	2,800	28	46.5	104	" 29	−33	" 8†	29	10.91	3.06	"	0.00	"	14.5	49	.....	.....	.....	nw.
Rochford	Pennington	5,299							35	14.90	4.14	Aug.	0.00	"	51.3	61	237	77	51	w.
Spearfish	Lawrence	3,647	43	49.2	105	July 11	−28	Feb. 8	50	15.14	2.85	"	0.11	"	36.8	87	153	125	87	e.
Vale	Butte	2,773	32	48.2	104	" 20	−22	" 11	32	10.06	2.65	June	0.10	"	.....	65	215	67	83	nw.
Waters Ranch ‡‡	Lawrence	4,000							30	15.25	3.52	Aug.	0.06	"	55.0	72	107	96	162	nw.
For the Division				48.3	113	July 11†	−42	Feb. 10	....	13.40	5.18	June	0.00	Nov.	38.8	69	187	101	77	nw.
For the State				48.5	115	July 11	−42	Feb. 10	....	15.71	9.08	June	0.00	Mar.*	27.2	63	186	103	76	nw.

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1939, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	1.38	+0.70	0.67	−0.18	0.10	−1.23	0.86	−1.75	2.19	−1.47	8.88	+5.00	2.41	−0.72	2.53	−0.62	1.93	−0.22	1.24	−0.43	0.02	−0.80	0.25	−0.60	22.46	−2.32
Alexandria	0.84	+0.34	0.66	+0.04	0.32	−0.75	1.47	−0.80	2.66	−0.74	3.88	−0.40	4.07	+1.06	1.58	−1.00	1.44	−0.87	0.87	−0.62	0.00	−0.77	0.06	−0.48	17.85	−4.99
Andover [near]	2.18	.....	1.11	.....	0.24	.....	0.72	.....	2.24	.....	8.67	.....	2.45	.....	2.63	.....	1.29	.....	1.40	.....	T.	.....	0.29	.....	23.22	.....
Arlington	1.11	+0.41	0.91	+0.41	0.31	−1.39	1.99	−0.37	2.96	+0.64	5.05	+2.21	1.72	+0.14	2.63	+0.11	1.19	−1.02	1.26	+0.17	0.02	−0.79	0.15	−0.50	19.30	+0.02
Armour	0.73	+0.24	0.50	−0.13	0.66	−0.45	1.16	−0.94	3.36	+0.03	2.75	−1.22	3.70	+0.82	1.97	−1.11	1.42	−0.54	1.32	−0.29	T.	−0.66	0.19	−0.57	17.76	−4.82
Ashton	2.27	+1.87	0.57	+0.19	0.04	−0.92	0.72	−1.33	1.23	−0.90	6.14	+2.85	0.62	−1.36	0.66	−1.60	1.05	−0.49	1.09	−0.43	0.00	−0.64	0.05	−0.63	14.44	−3.39
Britton	1.18	+0.77	0.55	−0.04	0.16	−0.52	1.29	−0.41	1.60	−1.59	6.98	+3.61	0.62	−1.82	1.04	−2.08	1.06	−1.14	0.75	−0.66	0.02	−0.63	0.21	−0.27	15.46	−4.78
Brookings	0.82	+0.43	1.13	+0.70	0.09	−0.59	1.41	−0.46	2.72	−0.24	3.96	+0.05	2.31	−0.32	2.48	−0.33	0.94	−1.26	1.22	−0.27	T.	−0.71	0.16	−0.30	17.24	−3.30
Canistota	1.06	+0.41	1.14	+0.33	0.40	−0.72	1.47	−0.64	2.95	−0.55	2.62	−1.82	3.73	+1.16	2.74	−0.04	0.87	−1.57	1.39	−0.07	0.00	−0.92	0.12	−0.60	18.49	−5.03
Canton	0.82	+0.33	0.65	+0.07	0.22	−0.94	1.13	−1.04	2.93	−0.98	6.81	+2.36	6.36	+2.98	3.51	+0.76	0.95	−1.54	1.16	−0.46	T.	−0.98	0.04	−0.56	24.58	0.00
Castlewood	2.04	+1.70	0.49	+0.15	0.28	−0.52	1.40	−0.94	3.92	+1.20	4.82	+0.76	3.42	+0.35	2.63	−0.54	0.86	−1.56	0.72	−0.59	T.	−0.86	0.10	−0.28	20.68	−1.13
Centerville	0.74	+0.12	0.97	+0.14	0.87	−0.32	1.62	−0.41	1.70	−2.13	2.15	−1.94	2.10	−1.37	2.39	−0.58	1.25	−1.46	0.79	−0.81	T.	−1.00	0.22	−0.54	14.80	−10.33
Clark	1.48	+0.76	0.63	0.00	0.24	−0.89	0.86	−1.18	2.95	−0.06	4.26	+0.20	2.14	−0.82	1.54	−1.61	0.76	−1.78	0.74	−0.92	0.01	−0.91	0.18	−0.44	15.79	−7.65
Clear Lake	1.59	+1.18	0.75	+0.08	0.71	−0.64	1.31	−1.29	2.54	−1.28	5.78	+1.78	7.18	+4.06	4.21	+0.85	1.10	−1.37	1.03	−0.65	T.	−0.78	0.05	−0.43	26.25	+1.51
De Smet	1.10	+0.43	0.49	−0.08	0.24	−0.74	0.97	−1.02	3.38	+0.61	4.46	+0.19	2.32	−0.65	1.78	−1.02	0.90	−1.24	1.17	−0.61	T.	−0.80	0.06	−0.47	17.17	−5.40
Fairfax	0.55	+0.05	0.75	+0.13	0.31	−0.84	1.09	−1.28	5.00	+1.58	2.04	−1.81	2.83	−0.15	2.60	−0.35	0.58	−1.21	1.35	−0.21	0.00	−0.62	0.03	−0.63	17.13	−5.34
Flandreau (near)	1.05	+0.62	1.17	+0.65	0.34	−0.54	1.34	−0.76	1.95	−1.51	6.44	+2.33	2.62	−0.05	3.14	+0.10	0.70	−1.97	1.74	+0.05	T.	−1.01	0.12	−0.41	20.62	−2.50
Forestburg (near)	0.74	+0.15	0.47	−0.13	0.16	−0.76	0.91	−1.20	3.28	−0.07	5.36	+1.50	3.13	+0.12	1.25	−1.13	1.34	−0.65	0.90	−0.52	0.00	−0.71	0.11	−0.47	17.65	−3.87
Gannvalley	2.32	+1.82	0.85	+0.38	0.25	−0.54	0.63	−1.18	4.36	+1.04	4.06	+0.60	2.20	−0.50	1.07	−1.26	1.58	−0.25	1.51	+0.19	0.00	−0.58	0.44	−0.03	19.27	−0.34
Geddes	0.47	.....	0.40	.....	0.40	.....	0.84	.....	2.74	.....	2.61	.....	2.77	.....	1.34	.....	1.17	.....	1.16	.....	T.	.....	0.11	.....	14.01	.....
Gelhaus Farm	2.14	.....	1.07	.....	0.17	.....	1.03	.....	1.59	.....	4.98	.....	3.65	.....	3.50	.....	1.30	.....	1.00	.....	T.	.....	0.12	.....	20.55	.....
Howard	1.19	+0.71	0.55	+0.06	0.37	−0.44	1.82	−0.22	2.14	−0.72	5.53	+1.62	1.73	−1.60	1.75	−1.00	2.13	−0.25	1.09	−0.50	0.00	−0.74	0.10	−0.41	18.40	−3.49
Huron (Airport)	1.33	+0.77	0.55	+0.01	0.12	−0.79	0.47	−1.77	3.66	+0.68	3.60	−0.19	1.60	−1.56	0.99	−1.47	0.51	−1.06	0.81	−0.47	T.	−0.59	0.16	−0.42	13.79	−6.86
La Delle (near)	1.56	+1.06	0.37	−0.14	0.03	−0.68	1.00	0.00	2.97	+0.57	4.66	+1.14	2.34	−2.20	1.28	−1.90	0.54	−2.74	0.42	−1.92	0.00	−0.90	0.06	−0.51	15.23	−8.22
Leola	0.55	+0.19	0.40	−0.02	0.06	−1.07	0.86	−1.39	1.30	−1.91	6.63	+3.78	1.29	−0.75	4.14	+1.12	3.24	+1.67	1.26	+0.08	T.	−0.54	0.22	−0.22	19.95	+0.94
Marion	0.85	+0.27	1.39	+0.47	0.48	−1.10	1.53	−0.87	2.54	−1.27	2.58	−2.01	2.90	−0.88	2.75	−0.27	1.47	−1.31	1.06	−0.82	T.	−1.08	0.13	−0.57	17.68	−9.44
Mellette	2.52	+1.97	1.18	+0.52	0.02	−0.94	0.88	−1.24	2.03	−1.12	7.20	+3.97	2.57	+0.02	0.81	−1.87	0.98	−1.06	1.02	−0.37	0.02	−0.68	0.31	−0.22	19.54	−1.02
Menno	1.09	+0.56	1.17	+0.41	0.88	−0.21	2.01	−0.16	2.13	−1.57	2.44	−1.64	2.75	−0.58	3.19	+0.28	1.58	−0.87	1.44	−0.18	0.00	−0.93	0.29	−0.39	18.97	−5.28
Milbank	1.69	+0.91	0.91	+0.09	0.28	−1.18	0.84	−1.33	3.50	+0.45	6.31	+2.34	3.51	+0.64	4.03	+1.04	1.05	−1.12	0.57	−1.21	T.	−1.15	0.14	−0.66	22.83	−1.18
Miller	2.88	+2.56	0.64	+0.28	0.08	−0.68	0.53	−1.23	2.93	+0.02	8.66	+5.40	1.86	−0.39	0.46	−2.04	0.61	−1.01	1.52	+0.39	T.	−0.50	0.49	+0.11	20.66	+2.91
Mitchell	0.63	+0.14	0.61	−0.05	0.42	−0.69	1.30	−0.98	2.58	−0.80	4.65	+0.43	2.93	−0.35	1.05	−1.60	2.58	+0.33	1.34	−0.22	0.00	−0.69	0.19	−0.36	18.28	−4.84

Climatological Data for the Year 1940

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)						Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Western Division—Continued																				
Deerfield	Pennington	5,845							31	12.09	2.32	June	0.13	Feb.	37.4	79	163	106	97	sw.
Dumont †‡	Lawrence	6,195							32	21.15	3.83	Aug.	0.50	Jan.	107.1	105	193	71	102	n.
Dupree	Ziebach	2,353	19	45.8	107	July 23	−28	Jan. 41	19	10.83	2.19	July	0.12	Sept.			150	118	98	nw.
Faith	Meade	2,600	16		109	" 24	−31	" 18	17	13.04	2.59	June	0.20	Dec.		78	97	161	108	nw.
Hardy Ranger Sta.‡‡	Lawrence	6,600							31	16.35	3.17	Apr.	0.44	Nov.	82.2	91	118	193	55	w.
Harveys Ranch †‡	do	6,284							32	17.18	3.98	"	0.64	"	87.2	80	190	83	93	nw.
Hilland	Haakon	2,350	32	45.3	105	July 13	−25	Jan. 18	32	13.79	3.63	June	0.12	Jan.	36.3	48	171	115	80	nw.
Hot Springs	Fall River	3,551	35	49.9	109	" 23	−26	" 25	37	13.90	4.99	Apr.	0.17	Dec.	32.3	69	237	56	73	nw.
Lead	Lawrence	5,245	32	45.9	97	" 24	−25	" 18	32	21.97	4.89	"	0.45	Jan.	92.0	119	162	87	117	nw.
Lemmon	Perkins	2,596	29	43.4	102	" 13	−30	" 4†	29	19.32	3.79	July	0.16	Dec.	45.3	73	120	85	161	nw.
Lougvalley	Washabaugh	2,467	13	49.1	115	" 23	−21	" 18	13	10.56	2.63	Apr.	0.10	May		43	222	59	85	nw.
Ludlow	Harding	3,200	17	43.3	102	" 13	−31	" 4	17	15.52	4.74	July	T.	Dec.	18.0	57	179	83	104	nw.
Martin	Bennett	3,331	4	47.8	110	" 23	−22	" 18†	7	9.81	2.27	Apr.	0.20	May	27.0	71	134	155	77	nw.
Newell	Butte	2,816	20	46.1	105	" 23	−20	" 25	20	16.33	4.90	June	0.32	Dec.	36.0	77				
Oelrichs	Fall River	3,342	44	48.0	109	" 23	−23†	" 18	51	10.29	3.68	Apr.	0.15	"	19.7	60	191	106	69	w
Orman ‡‡	Butte	2,933	34	47.6	108	" 23	−22	" 25	35	15.39	3.81	June	0.23	Jan. *		54	170	107	89	w.
Pine Ridge	Shannon	3,200	22	50.1	112	" 8†	−32	" 25	22	12.41	3.52	Apr.	0.29	Jan.	17.3	61	199	99	68	e.
Rapid City	Pennington	3,231	53	48.4	105	" 23	−14	" 17	53	11.27	3.06	"	0.19	"	24.3	96	159	98	109	n.
Redig (near) †‡	Harding	2,800	26	44.2	103	" 13†	−30	" 5	26	12.95	2.63	June	0.11	Dec.	32.2	77	180	76	110	se.
Reva (near) ‡‡	Harding	2,800	29		104	" 13	−29	" 5	30	13.42	3.60	July	T.	"						nw.
Rochford	Pennington	5,299							36	13.27	2.29	Apr.	0.16	Feb.	37.8	62	227	90	49	w.
Spearfish	Lawrence	3,647	44	47.3	103	July 23	−20	Jan. 18	51	20.44	4.42	June	0.35	Jan.	58.3	108	152	122	112	nw.
Vale	Butte	2,773	33	46.8	101	" 13†	−20	" 25	33	13.60	2.76	"	0.18			69	184	79	103	nw.
Waters Ranch ‡‡	Lawrence	4,000							31	19.27	4.82	Apr.	0.22	Oct.	59.3	80	132	92	142	nw.
For the Division				46.5	115	July 23	−32	Jan. 25	....	14.52	5.22	Apr.	T.	Dec.	41.2	70	165	106	95	nw.
For the State				46.1	116	July 24	−35	Jan. 18	....	15.71	9.58	June	T.	Jan.*	39.1	71	154	112	100	nw.

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1940, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	0.01	−0.67	0.81	−0.04	1.97	+0.64	4.76	+2.15	0.59	−3.07	1.04	−2.84	1.22	−1.91	2.90	−0.25	0.26	−1.89	1.62	−0.05	0.27	−0.55	0.69	−0.16	16.14	−8.64
Alexandria	0.20	−0.30	0.81	+0.19	1.68	+0.61	2.82	+0.55	0.03	−3.37	5.56	+1.28	1.40	−1.61	3.09	+0.51	1.02	−1.29	1.32	−0.17	0 91	+0.14	0.66	+0.12	19.50	−3.34
Andover (near)	0.04		0.96		2.36		4.26		0.59		1.57		1.06		7.18		0.32		3.31		0.39		0.38		22.42	
Arlington	0.06	−0.64	0.64	+0.14	2.69	+0.99	1.53	−0.83	0.55	−1.77	3.96	+1.12	2.06	+0.48	3.26	+0.74	0.28	−1.93	0.84	−0.25	1.70	+0.89	0.65	0.00	18.22	−1.06
Armour	0.20	−0.29	0.74	+0.11	2.49	+1.38	2.57	+0.47	0.18	−3.15	4.96	+0.99	0.49	−2.39	4.50	+1.42	0.42	−1.54	0.84	−0.77	1.46	+0.80	0.79	+0.03	19.64	−2.94
Ashton	T.	−0.42	0.63	+0.09	1.33	+0.39	2.01	−0.02	0.14	−2.96	2.83	−0.28	1.62	−0.90	2.51	−0.43	0.41	−1.39	2.06	+0.68	0.06	−0.52	0.62	+0.12	14.22	−5.64
Britton	0.10	−0.31	0.83	+0.24	1.63	+0.95	3.28	+1.58	1.29	−1.90	2.93	−0.44	3.33	+0.89	5.32	+2.20	0.28	−1.92	3.03	+1.62	0.45	−0.20	0.38	−0.10	22.85	+2.61
Brookings	0.02	−0.37	0.48	+0.05	2.50	+1.82	1.21	−0.66	0.31	−2.65	5.61	+1.70	1.16	−1.47	4.43	+1.62	0.53	−1.67	1.10	−0.39	0.87	+0.16	0.50	+0.04	18.72	−1.82
Canistota	0.05	−0.65	0.96	+0.15	2.49	+1.37	3.09	+0.98	0.19	−3.31	7.97	+3.53	2.12	−0.45	5.21	+2.43	1.83	−0.61	1.85	+0.39	1.63	+0.71	0.65	−0.07	28.04	+4.17
Canton	0.26	−0.23	0.83	+0.25	2.82	+1.66	3.91	+1.74	0.36	−3.55	9.58	+5.13	2.02	−1.36	5.34	+2.59	2.02	−0.47	1.63	+0.01	1.31	+0.33	0.82	+0.22	30.90	+6.32
Castlewood	0.03	−0.31	0.46	+0.12	2.10	+1.30	1.59	−0.75	0.55	−2.17	4.62	+0.56	1.86	−1.21	5.66	+2.49	0.56	−1.86	0.70	−0.61	1.22	+0.36	0.26	−0.12	19.61	−2.29
Centerville	0.29	−0.33	1.02	+0.19	2.25	+1.06	3.92	+1.89	0.12	−3.71	8.68	+4.59	2.43	−1.04	2.88	−0.09	1.42	−1.29	1.81	+0.18	1.56	+0.56	0.85	+0.09	27.23	+2.10
Clark	0.03	−0.69	0.54	−0.09	3.18	+2.05	1.47	−0.57	1.06	−1.95	3.18	−0.88	1.45	−1.51	5.69	+2.54	0.81	−1.73	0.90	−0.76	0.40	−0.52	0.53	−0.09	19.24	−4.20
Clear Lake	0.05	−0.47	0.45	−0.15	2.80	+1.48	1.78	−0.50	1.01	−2.27	4.94	+0.83	1.13	−2.37	7.26	+3.60	0.31	−2.27	1.36	−0.29	1.23	+0.25	0.47	0.00	22.79	−2.16
De Smet	0.04	−0.63	0.82	+0.25	2.56	+1.58	1.42	−0.57	0.81	−2.26	4.39	+0.12	2.24	−0.73	3.60	+0.80	0.02	−2.12	0.59	−1.28	1.30	+0.50	0.44	−0.09	18.14	−4.43
Fairfax	0.16	−0.34	0.35	−0.27	1.86	+0.71	2.60	+0.23	0.11	−3.31	2.47	−1.38	0.48	−2.50	2.61	−0.34	1.38	−0.41	0.96	−0.60	0.63	+0.01	0.45	−0.21	14.06	−8.41
Flandreau (near)	0.06	−0.37	0.74	+0.22	2.53	+1.65	2.03	−0.07	0.28	−3.19	4.23	+0.12	0.58	−2.09	5.39	+2.26	0.46	−2.21	1.94	+0.25	1.96	+0.95	0.88	+0.35	20.99	−2.13
Forestburg (near)	T.	−0.59	0.83	+0.23	1.95	+1.03	1.90	−0.21	0.22	−3.13	5.50	+1.64	1.48	−1.53	2.98	+0.60	0.56	−1.43	0.20	−1.22	1.60	+0.89	0.66	+0 08	17.88	−3.64
Gannvalley	0.20	−0.30	0.53	+0.06	2.00	+1.21	1.91	+0.10	0.54	−2.78	2.56	−0.90	1.21	−1.49	1.49	−0.84	0.61	−1.22	1.34	+0.02	1.05	+0.47	0.42	−0.08	13.86	−5.75
Geddes	0.17		0.33		1.80		2.55		0.09		3.61		0.55		3.11		0.31		0.87		0.15		0.44		13.88	
Gelhaus Farm	0.08		0.67		2.52		2.38		1.57		2.43		1.08		4.59		0.80		1.88		0.83		0.36		19.19	
Howard	0.10	−0.38	0.70	+0.21	2.12	+1.31	2.17	+0.13	0.24	−2.62	4.73	+0.82	2.55	−0.78	2.73	−0.02	0.79	−1.59	1.25	−0.34	1.03	+0.29	0.70	+0.19	19.11	−2.78
Huron (Airport)	0.04	−0.52	0.86	+0.30	2.14	+1.23	1.41	−0.83	0.50	−2.48	2.75	−1.04	1.90	−1.26	1.80	−0.66	0.52	−1.05	0.44	−0.84	0.70	+0.11	0.33	−0.24	13.39	−7.28
La Delle (near)	0.03	−0.47	0.34	−0.17	1.99	+1.28	1.35	+0.35	0.92	−1.48	4.85	+1.33	2.19	−2.35	5.11	+1.93	0.59	−2.49	0.48	−1.86	0.65	−0.25	0.40	−0.17	18.90	−4.55
Leola	T.	−0.36	0.29	−0.13	1.82	+0.69	3.55	+1.30	0.58	−2.63	1.27	−1.58	4.11	+2.07	3.86	+0.84	0.45	−1.12	1.16	−0.02	0.18	−0.36	0.38	−0.06	17.65	−1.36
Madison															2.80		0.50		1.06		1.73		0.69			
Marion	0.13	−0.45	0.99	+0.07	2.24	+0.66	3.77	+1.37	0.11	−3.70	7.52	+2.93	2.08	−1.70	3.97	+0.95	1.21	−1.57	2.83	+0.95	1.64	+0.56	0.97	+0.27	27.46	+0.34
Mellette	0.09	−0.46	0.73	+0.07	2.30	+1.34	3.38	+1.26	0.43	−2.72	1.90	−1.33	1.24	−1.31	3.08	+0.40	0.39	−1.65	2.16	+0.77	0.43	−0.27	0.64	+0.11	16.77	−3.79
Menno	0.40	−0.13	1.01	+0.25	2.97	+1.88	3.17	+1.00	0.43	−3.27	5.47	+1.39	1.52	−1.81	4.46	+1.55	0.95	−1.50	2.05	+0.43	1.98	+1.05	1.16	+0.48	25.57	+1.32
Milbank	0.07	−0.71	0.51	−0.31	2.67	+1.21	1.80	−0.37	1.21	−1.84	4.22	+0.25	1.94	−0.93	5.16	+2.17	0.75	−1.42	1.73	−0.05	1.09	−0.06	0.45	−0.35	21.60	−2.41
Miller	0.19	−0.13	1.00	+0.64	1.97	+1.21	2.41	+0.65	0.21	−2.70	2.35	−0.91	1.38	−0.87	1.95	−0.55	0.26	−1.36	1.68	+0.55	0.52	+0.02	0.25	−0.13	14.17	−3.58
Mitchell	0.13	−0.36	0.82	+0.16	2.09	+0.98	2.43	+0.15	0.11	−3.27	4.53	+0.31	1.04	−2.24	2.99	+0.34	0.69	−1.56	0.76	−0.80	0.81	+0.12	0.38	−0.17	16.78	−6.34

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Western Division—Continued																				
Cottonwood	Jackson	2,414	33	48.9	108	July 22†	−13	Jan. 26†	32	18.62	4.84	June	0.05	Dec.	.....	80	83	214	68	nw.
Custer	Custer	5,322	.....	.....	.....	.....	.....	.....	30	23.09	4.99	Apr.	0.11	Feb.	39.9	109	116	119	130	sw.
Deerfield	Pennington	5,845	.....	.....	.....	.....	.....	.....	32	22.62	4.75	July	0.04	Nov.	42.4	95	156	111	98	nw.
Dumont ‡‡	Lawrence	6,195	.....	.....	.....	.....	.....	.....	33	28.07	7.57	June	0.08	Feb.	102.2	101	192	75	98	w.
Dupree	Ziebach	2,353	20	47.7	108	Aug. 4†	−20	Feb. 27	20	21.48	6.92	"	0.05	Dec.	26.5	60	149	120	96	nw.
Faith	Meade	2,600	17	.....	110	" 4	−16	Jan. 25†	18	21.36	6.89	"	T.	Jan.*	.....	82	100	181	84	nw.
Hardy Ranger Sta.‡‡	Lawrence	6,600	.....	.....	.....	.....	.....	.....	32	28.20	7.46	"	0.20	Jan.	100.0	103	61	247	57	sw.
Harveys Ranch ‡‡	do	6,284	.....	.....	.....	.....	.....	.....	33	31.33	8.29	"	0.09	"	90.0	93	184	60	121	nw.
Hermosa	Custer	3,300	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hilland	Haakon	2,650	33	.....	.....	.....	−10	Jan. 26	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hot Springs	Fall River	3,551	36	50.4	105	Aug. 31	− 8	Nov. 23†	38	21.48	6.20	Apr.	0.10	Feb.	25.9	85	232	58	75	nw.
Lead	Lawrence	5,245	33	46.0	97	" 4	−11	Dec. 31	33	27.29	8.88	June	0.30	Jan.	56.0	122	157	94	114	nw.
Lemmon	Perkins	2,596	30	44.6	105	" 5	−24	Feb. 21	30	20.25	5.67	"	0.08	Dec.	18.9	82	108	87	170	nw.
Longvalley	Washabaugh	2,467	14	50.3	106	July 23	−14	Dec. 28	14	20.47	6.78	"	0.19	Nov.	18.8	68	222	66	77	nw.
Ludlow	Harding	3,200	18	.....	103	Aug. 5	−17	Feb. 21	18	19.55	5.60	"	T.	Jan.*	5.2	62	166	95	104	nw.
Martin	Bennett	3,331	5	48.7	102	July 23	− 8	Jan. 25	8	20.82	4.54	"	0.12	Feb.	31.4	145	144	137	84	nw.
Newell	Butte	2,816	21	46.6	104	Aug. 4	−11	Dec. 28	21	22.08	6.42	"	0.10	"	.....	100	.....	.....	.....	.....
Oelrichs	Fall River	3,342	45	48.3	104	" 31	−15	" 28	52	17.94	4.50	July	0.15	"	29.9	67	164	137	64	w.
Orman ‡‡	Butte	2,933	35	49.3	107	" 4	− 9	Jan. 26	36	24.01	8.34	June	0.05	"	16.3	69	174	107	84	nw.
Pine Ridge	Shannon	3,200	23	.....	104	" 6	− 3	" 17	23	18.27	3.57	July	0.34	Nov.	.....	62	162	107	96	e.
Ralph	Harding	2,800	30	.....	104	" 5	−15	Feb. 21	31	19.41	5.69	June	T.	Jan.*	.....	.....	.....	.....	.....	nw.
Rapid City	Pennington	3,231	54	48.5	103	" 4	− 8	Dec. 31	54	20.55	6.47	Apr.	0.08	Feb.*	12.8	104	121	133	111	n.
Redig (near) ‡‡	Harding	2,800	27	45.5	104	" 4	−12	Feb. 21	27	18.37	5.27	June	0.07	Jan.	22.1	88	182	69	114	se.
Rochford	Pennington	5,299	.....	.....	.....	.....	.....	.....	37	21.43	5.32	"	0.04	Feb.	41.5	86	200	82	83	nw.
Spearfish	Lawrence	3,647	45	48.1	104	Aug. 4	− 9	Jan. 6	52	31.16	9.98	"	0.11	"	43.1	115	144	109	112	e.
Vale	Butte	2,773	34	48.1	104	" 4	−12	Dec. 28	34	25.56	9.14	"	0.01	"	.....	70	115	165	85	nw.
Waters Ranch ‡‡	Lawrence	4,000	.....	.....	.....	.....	.....	.....	32	29.68	9.06	"	0.15	"	39.7	92	115	88	162	nw.
For the Division	.....	.....	.....	47.6	110	Aug. 4	−24	Feb. 21	....	22.72	9.98	June	T.	Jan.*	32.7	86	151	119	95	nw.
For the State	.....	.....	.....	47.9	112	July 23†	−28	Feb. 19	....	21.50	12.00	June	0.00	Dec.	23.8	83	144	116	105	nw.

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1941, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	0.73	+0.05	0.05	−0.80	0.49	−0.84	3.95	+1.34	1.26	−2.40	6.17	+2.29	0.84	−2.29	1.40	−1.75	4.51	+2.36	1.67	0.00	0.11	−0.71	0.10	−0.75	21.28	−3.50
Alexandria	0.73	+0.23	0.26	−0.36	0.52	−0.55	4.88	+2.61	0.59	−2.81	2.95	−1.33	1.52	−1.49	1.47	−1.11	2.07	−0.24	3.00	+1.51	0.14	−0.63	0.35	−0.19	18.48	−4.36
Andover (near)	0.55	.....	0.07	.....	0.29	.....	3.82	.....	1.93	.....	5.66	.....	2.47	.....	1.62	.....	3.37	.....	2.40	.....	0.32	.....	0.20	.....	22.70	.....
Arlington	0.78	+0.08	0.27	−0.23	0.32	−1.38	6.83	+4.47	1.57	−0.75	4.66	+1.82	1.36	−0.22	0.66	−1.86	3.24	+1.03	3.67	+2.58	0.22	−0.59	0.44	−0.21	24.02	+4.74
Armour	0.67	+0.18	0.41	−0.22	0.46	−0.65	5.02	+2.92	3.08	−0.25	3.27	−0.70	1.91	−0.97	1.54	−1.54	2.59	+0.63	2.88	+1.27	0.12	−0.54	0.57	−0.19	22.52	−0.06
Ashton	0.55	+0.13	0.02	−0.52	0.22	−0.72	4.79	+2.76	2.35	−0.75	5.30	+2.19	1.93	−0.59	1.47	−1.47	3.23	+1.43	2.39	+1.01	0.15	−0.43	0.02	−0.48	22.42	+2.56
Britton	1.27	+0.86	0.16	−0.43	0.51	−0.17	4.16	+2.46	2.50	−0.69	6.24	+2.87	0.69	−1.75	2.78	−0.34	4.12	+1.92	2.41	+1.00	0.71	+0.06	0.06	−0.42	25.61	+5.37
Brookings	0.71	+0.32	0.32	−0.11	0.29	−0.39	5.48	+3.61	1.29	−1.67	3.69	−0.22	0.48	−2.15	0.64	−2.17	2.53	+0.33	3.58	+2.09	0.14	−0.57	0.36	−0.10	19.51	−1.03
Canistota	0.77	+0.07	0.60	−0.21	0.64	−0.48	4.04	+1.93	0.70	−2.80	3.81	−0.63	0.88	−1.69	1.17	−1.61	1.81	−0.63	2.49	+1.03	0.21	−0.71	0.53	−0.19	17.65	−5.92
Canton	0.96	+0.47	1.22	+0.64	0.45	−0.71	4.12	+1.95	1.65	−2.26	4.49	+0.04	0.56	−2.82	0.88	−1.87	2.31	−0.18	1.88	+0.26	0.59	−0.39	0.91	+0.31	20.02	−4.56
Castlewood	0.72	+0.38	0.18	−0.16	0.26	−0.54	4.20	+1.86	0.65	−2.07	2.49	−1.57	1.71	−1.36	1.97	−1.20	1.00	−1.42	2.71	+1.40	0.10	−0.76	0.28	−0.10	16.27	−5.54
Centerville	1.13	+0.51	0.74	−0.09	0.89	−0.30	4.20	+2.17	1.41	−2.42	4.76	+0.67	1.52	−1.95	0.75	−2.22	2.36	−0.35	1.96	+0.33	0.18	−0.82	0.76	0.00	20.66	−4.47
Clark	0.60	−0.12	0.12	−0.51	0.42	−0.71	4.55	+2.51	1.60	−1.41	3.22	−0.84	2.09	−0.87	3.71	+0.56	4.01	+1.47	2.34	+0.68	0.27	−0.65	0.39	−0.23	23.32	−0.12
Clear Lake	0.75	+0.23	0.21	−0.39	0.17	−1.15	4.66	+2.38	1.64	−1.64	3.29	−0.82	1.94	−1.56	1.58	−2.08	1.58	−1.00	2.64	+0.99	0.25	−0.73	0.65	+0.18	19.36	−5.59
Danforth	0.33	.....	0.08	.....	0.22	.....	2.65	.....	1.37	.....	3.36	.....	1.59	.....	2.52	.....	6.08	.....	3.49	.....	0.10	.....	0.31	.....	22.10	.....
De Smet	0.61	−0.06	0.20	−0.37	0.26	−0.72	4.99	+3.00	1.43	−1.64	4.35	+0.08	1.08	−1.89	1.58	−1.22	2.55	+0.41	3.03	+1.25	0.09	−0.71	0.30	−0.23	20.47	−2.10
Fairfax	0.64	+0.14	0.88	+0.26	1.34	+0.19	3.49	+1.12	1.64	−1.78	4.89	+1.04	2.96	−0.02	2.05	−0.90	3.38	+1.59	3.16	+1.60	0.09	−0.53	0.37	−0.29	24.89	+2.42
Flandreau (near)	0.87	+0.44	1.00	+0.48	0.69	−0.19	4.65	+2.55	2.31	−1.16	2.60	−1.51	2.45	−0.22	1.11	−1.93	1.73	−0.94	2.73	+1.04	0.52	−0.49	0.69	+0.16	21.35	−1.77
Forestburg (near)	0.90	+0.31	0.11	−0.49	0.36	−0.56	5.49	+3.38	1.61	−1.74	3.93	+0.07	1.28	−1.73	1.03	−1.35	2.45	+0.46	4.33	+2.91	0.14	−0.57	0.52	−0.06	22.15	+0.63
Gannvalley	0.12	−0.38	0.17	−0.30	0.68	−0.11	3.68	+1.87	2.00	−1.32	3.17	−0.29	2.51	−0.19	3.32	+0.99	4.44	+2.61	3.52	+2.20	0.05	−0.53	0.07	−0.43	23.73	+4.12
Geddes	0.52	.....	0.26	.....	0.29	.....	3.20	.....	2.67	.....	3.44	.....	1.14	.....	2.01	.....	2.23	.....	2.55	.....	0.14	.....	0.40	.....	18.85	.....
Gelhaus Farm	0.92	.....	0.25	.....	0.28	.....	4.28	.....	3.94	.....	6.56	.....	1.36	.....	3.49	.....	3.28	.....	2.13	.....	0.32	.....	0.37	.....	27.18	.....
Howard	0.70	+0.22	0.42	−0.07	0.52	−0.29	4.77	+2.73	1.42	−1.44	3.71	−0.20	0.57	−2.76	1.31	−1.44	1.81	−0.57	2.95	+1.36	0.22	−0.52	0.43	−0.08	18.83	−3.06
Huron (Airport)	0.61	+0.05	0.12	−0.42	0.38	−0.53	4.05	+1.81	0.59	−2.39	2.50	−1.29	0.42	−2.74	1.60	−0.86	2.79	+1.22	3.54	+2.26	0.09	−0.50	0.34	−0.23	17.03	−3.62
La Delle (near)	0.75	+0.25	0.15	−0.36	0.25	−0.75	3.63	+1.23	1.13	−2.39	3.36	−1.18	1.42	−1.76	2.24	−1.04	3.84	+1.50	2.53	+0.70	0.09	−0.81	0.13	−0.44	19.52	−5.65
Leola	0.16	−0.20	0.03	−0.39	0.28	−0.85	3.01	+0.76	0.84	−2.37	5.87	+3.02	1.15	−0.89	0.93	−2.09	3.11	+1.54	1.26	+0.08	0.15	−0.39	0.09	−0.35	16.88	−2.13
Madison	0.51	.....	0.68	.....	0.70	.....	5.14	.....	1.79	.....	3.21	.....	3.95	.....	3.36	.....	2.25	.....	2.50	.....	0.23	.....	0.60	.....	24.92	.....
Marion	0.99	+0.41	0.86	−0.06	0.65	−0.93	4.09	+1.69	1.23	−2.58	4.08	−0.51	1.20	−2.58	0.44	−2.58	2.03	−0.75	2.51	+0.63	0.39	−0.69	0.65	−0.05	19.12	−8.00
Mellette	0.91	+0.36	0.14	−0.52	0.55	−0.41	5.23	+3.11	1.20	−1.95	6.73	+3.50	1.85	−0.70	2.57	−0.11	2.81	+0.77	2.46	+1.07	0.24	−0.46	0.22	−0.31	24.91	+4.35
Menno	1.31	+0.78	1.03	+0.27	0.66	−0.43	4.83	+2.66	1.13	−2.57	4.38	+0.30	1.46	−1.87	0.40	−2.51	2.00	−0.45	2.53	+0.91	0.23	−0.70	0.46	−0.22	20.42	−3.83
Milbank	0.87	+0.09	0.16	−0.66	0.07	−1.39	4.82	+2.65	1.99	−1.06	4.43	+0.46	3.08	+0.21	2.25	−0.74	1.52	−0.65	2.62	+0.84	0.29	−0.86	0.44	−0.36	22.54	−1.47
Miller	0.74	+0.42	0.43	+0.07	0.33	−0.43	4.10	+2.34	1.88	−1.03	5.71	+2.45	0.74	−1.51	1.20	−1.30	3.32	+1.70	3.97	+2.84	0.11	−0.39	0.14	−0.24	22.67	+4.92
Mitchell	0.50	+0.01	0.16	−0.50	0.54	−0.57	5.14	+2.86	1.11	−2.27	3.27	−0.95	3.69	+0.41	1.82	−0.83	1.69	−0.56	3.43	+1.87	0.14	−0.55	0.22	−0.33	21.71	−1.41

Stations	Counties	Elevation, feet	Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Western Division—Continued																				
Cottonwood	Jackson	2,414	34	46.6	102	Aug. 20	−29	Jan. 7	33	19.32	5.43	May	T.	Jan.	14.2	68	182	102	81	nw.
Custer	Custer	5,322							31	22.79	5.33	June	0.13	"	55.2	104	105	143	117	sw.
Deadwood	Lawrence	4,550																		
Deerfield	Pennington	5,845							33	18.46										sw.
Dumont ‡‡	Lawrence	6,195							34	28.10	4.96	May	0.62	Jan.	154.2	129	167	85	113	n.
Dupree	Ziebach	2,353	21	45.8	103	Aug. 20	−25	Jan. 5	21	21.16	6.12	June	T.	"	36.7	68	140	138	87	nw.
Faith	Meade	2,600	18	48.3	105	July 13	−22	" 5	19	23.09	6.62	"	T.	"	28.0	81	113	155	97	nw.
Hardy Ranger Sta.‡‡	Lawrence	6,600							33	23.08	4.35	"	0.23	"	120.2	127	121	143	101	w.
Harveys Ranch ‡‡	do	6,284							34	30.29	5.81	May	0.38	"	136.2	101	160	84	121	nw.
Hermosa	Custer	3,300							2	18.29	3.91	Apr.	T.	"		76	122	152	91	n.
Hilland	Haakon	2,650	34	45.8	106	Sept. 10	−22	Jan. 5	34	20.04	5.25	May	0.01	"						nw.
Hot Springs	Fall River	3,551	37	48.4	103	July 15	−24	" 7	39	21.04	4.11	July	0.02	"	23.5	79	254	47	64	nw.
Lead	Lawrence	5,245	34	44.4	92	Aug. 20	−19	Feb. 17	34	26.25	7.06	May	0.50	"	80.1	131	126	113	126	nw.
Lemmon	Perkins	2,596	31	42.7	102	" 20	−27	Jan. 5	31	19.90	3.96	June	0.02	"	44.8	90	102	79	184	nw.
Longvalley	Washabaugh	2,467	15	48.6	101	" 20	−20	" 5	15	27.57	8.66	May	0.09	Nov.	55.8	65	234	65	66	nw.
Ludlow	Harding	3,200	19	43.1	101	" 20	−26	" 3	19	20.31	6.34	June	T.	Jan.		69	160	113	92	nw.
Martin	Bennett	3,331	6	47.6	97	July 15†	−18	" 5†	9	25.85	6.73	May	T.	"	25.8	79	159	120	86	nw.
Newell	Butte	2,816	22	44.9	100	Aug. 21	−22	" 21†	22	18.92	4.34	"	0.15	"	23.1	103				
Oelrichs	Fall River	3,342	46		100	July 15†	−23	" 4	53	21.43	5.83	"	0.10	"						
Orman ‡‡	Butte	2,933	36	48.3	102	Aug. 20	−22	" 21†	37	19.19	5.49	June	T.	"	11.7	82	166	149	50	nw.
Philip	Haakon		1	46.9	105	" 20	−22	" 5	1	17.51	5.93	May	0.01	"	12.0	81	95	148	122	nw.
Pine Ridge	Shannon	3,200	24	48.8	102	July 15	−30	" 7	24	27.78	10.03	"	0.12	"		71	191	106	68	e.
Ralph	Harding	2,800	31	42.4	102	Aug. 20	−34	" 7	32	18.38	3.18	June	0.04	"	28.3	80	161	102	102	nw.
Rapid City	Pennington	3,231	55	47.0	100	" 20	−18	" 5	55	19.34	4.78	May	0.04	"	24.2	104	105	141	119	nw.
Redig (near) ‡‡	Harding	2,800	28	44.0	101	" 20	−28	" 3	28	14.01	2.89	June	0.03	"		85	177	77	111	se.
Rochford	Pennington	5,299							38	21.08	3.85	May	0.15	"	60.6	89	187	120	58	w.
Spearfish	Lawrence	3,647	46	46.2	97	Aug. 20	−20	Jan. 1	53	26.02	7.83	"	0.05	"	64.9	124	99	144	122	nw.
Vale	Butte	2,773	35	47.3	98	July 25†	−28	" 2	35	21.07	5.39	June	0.24	"		87	133	173	59	nw.
Waters Ranch ‡‡	Lawrence	4,000							33	24.00	6.98	May	T.	"	26.4	72	124	61	180	nw.
For the Division				46.0	106	Sept. 10	−34	Jan. 7	....	21.31	10.03	May	T.	Jan.	42.8	87	150	118	97	nw.
For the State				46.1	108	July 17	−34	Jan. 7	....	23.71	11.86	May	0.00	Jan.	32.6	82	143	120	102	nw.

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1942, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	0.02	−0.66	0.14	−0.71	3.31	+1.98	2.83	+0.22	2.80	−0.86	5.44	+1.56	1.77	−1.36	6.62	+3.47	2.59	+0.44	0.98	−0.69	0.45	−0.37	0.58	−0.27	27.53	+2.75
Alexandria	0.08	−0.42	0.39	−0.23	2.84	+1.77	6.47	+4.20	8.08	+4.68	3.75	−0.53	1.89	−1.12	1.90	−0.68	3.70	+1.39	0.85	−0.64	0.30	−0.47	0.28	−0.26	30.53	+7.69
Andover (near)	0.01	.....	0.20	.....	4.13	.....	2.39	.....	4.22	.....	4.94	.....	1.89	.....	3.86	.....	2.80	.....	1.19	.....	0.15	.....	0.48	.....	26.26	.....
Arlington	0.03	−0.67	0.09	−0.41	3.17	+1.47	4.16	+1.80	5.68	+3.36	4.96	+2.12	3.72	+2.14	2.50	−0.02	3.75	+1.54	0.66	−0.43	0.18	−0.63	0.33	−0.32	29.23	+9.95
Armour	0.05	−0.44	0.56	−0.07	2.31	+1.20	1.83	−0.27	6.95	+3.62	6.17	+2.20	0.93	−1.95	0.91	−2.17	1.76	−0.20	0.35	−1.26	0.13	−0.53	0.12	−0.64	22.07	−0.51
Ashton	T.	−0.42	0.01	−0.53	3.27	+2.33	1.79	−0.24	4.54	+1.44	§3.33	+0.22	1.50	−1.02	1.90	−1.04	2.02	+0.22	0.48	−0.90	T.	−0.58	0.20	−0.30	19.41	−0.82
Britton	0.02	−0.39	0.18	−0.41	2.13	+1.45	1.90	+0.20	5.15	+1.96	5.55	+2.18	2.02	−0.42	10.22	+7.10	3.10	+0.90	1.48	+0.07	0.24	−0.41	0.65	+0.17	32.64	+12.40
Brookings	0.02	−0.37	0.10	−0.33	2.36	+1.68	1.69	−0.18	7.78	+4.82	4.88	+0.97	3.02	+0.39	0.78	−2.03	2.96	+0.76	0.42	−1.07	0.14	−0.67	0.17	−0.29	24.32	+3.78
Canistota	0.18	−0.52	0.38	−0.43	2.86	+1.74	1.82	−0.29	7.42	+3.92	3.49	−0.95	4.04	+1.47	2.51	−0.27	2.78	+0.34	0.50	−0.96	0.16	−0.76	0.16	−0.56	26.30	+2.73
Canton	0.13	−0.36	0.27	−0.31	2.86	+1.70	0.59	−1.58	5.48	+1.57	7.88	+3.43	3.11	−0.27	4.85	+2.10	2.55	+0.06	0.27	−1.35	0.62	−0.36	0.19	−0.41	28.80	+4.22
Castlewood	0.01	−0.33	0.05	−0.29	2.27	+1.47	1.80	−0.54	5.08	+2.36	3.57	−0.49	2.48	−0.59	3.12	−0.05	4.51	+2.09	1.13	−0.18	0.02	−0.84	0.44	+0.06	24.48	+2.67
Centerville	0.56	−0.06	0.20	−0.63	2.75	+1.56	3.15	+1.12	5.90	+2.07	6.83	+2.74	2.69	−0.78	2.55	−0.42	3.17	+0.46	0.45	−1.18	0.23	−0.77	0.01	−0.75	28.49	+3.36
Clark	T.	−0.72	0.09	−0.54	3.04	+1.91	1.72	−0.32	6.61	+3.60	3.52	−0.54	3.45	+0.49	2.29	−0.86	4.05	+1.51	1.06	−0.60	0.19	−0.73	0.47	−0.15	26.49	+3.05
Clear Lake	T.	−0.52	0.09	−0.51	2.68	+1.36	2.15	−0.13	7.29	+4.01	3.19	−0.92	2.14	−1.36	2.83	−0.83	4.99	+2.41	0.70	−0.95	0.01	−0.97	0.40	−0.07	26.47	+1.52
Danforth	T.	.....	0.46	.....	2.66	.....	2.34	.....	8.24	.....	1.62	.....	4.11	.....	1.24	.....	§2.24	.....	0.64	.....	T.	.....	0.13	.....	§23.68	.....
De Smet	0.02	−0.65	0.08	−0.49	3.07	+2.09	2.71	+0.72	8.92	+5.85	2.94	−1.33	2.93	−0.04	2.92	+0.12	2.81	+0.67	1.63	−0.15	0.06	−0.74	0.30	−0.23	28.39	+5.82
Fairfax	T.	−0.50	0.93	+0.31	3.06	+1.90	2.55	+0.18	8.65	+5.23	3.94	+0.09	1.04	−1.94	3.08	+0.13	2.14	+0.35	0.51	−1.05	0.20	−0.42	0.10	−0.56	26.19	+3.72
Flandreau (near)	0.28	−0.15	0.23	−0.29	2.91	+2.03	1.85	−0.25	10.32	+6.85	4.87	+0.76	5.59	+2.92	1.95	−1.09	3.05	+0.38	0.34	−1.35	0.30	−0.71	0.32	−0.21	32.01	+8.89
Forestburg (near)	0.02	−0.57	0.52	−0.08	2.89	+1.97	3.43	+1.32	7.84	+4.49	2.64	−1.22	7.24	+4.23	2.75	+0.37	1.35	−0.64	0.75	−0.67	0.16	−0.55	0.34	−0.24	29.93	+8.41
Gannvalley	0.00	−0.50	0.93	+0.46	3.89	+3.10	2.01	+0.20	6.82	+3.50	2.64	−0.82	1.19	−1.51	3.61	+1.28	1.89	+0.06	0.68	−0.64	0.11	−0.47	0.08	−0.42	23.85	+4.24
Geddes	T.	.....	2.19	.....	1.68	.....	3.03	.....	9.13	.....	2.85	.....	1.47	.....	0.89	.....	1.94	.....	0.05	.....	0.11	.....	0.13	.....	23.47	.....
Gelhaus Farm	T.	.....	0.07	.....	2.90	.....	1.78	.....	5.87	.....	3.78	.....	1.20	.....	2.99	.....	4.22	.....	1.46	.....	0.03	.....	0.85	.....	25.15	.....
Howard	0.03	−0.45	0.18	−0.31	2.93	+2.12	5.02	+2.98	9.19	+6.33	3.52	−0.39	7.24	+3.91	3.39	+0.64	3.28	+0.90	0.80	−0.79	0.08	−0.66	0.34	−0.17	36.00	+14.11
Huron (Airport)	0.04	−0.52	0.59	+0.05	3.41	+2.50	2.28	+0.04	7.11	+4.13	2.42	−1.37	3.67	+0.51	1.61	−0.85	2.92	+1.35	1.30	+0.02	0.19	−0.40	0.30	−0.27	25.84	+5.19
La Delle (near)	T.	−0.50	0.02	−0.49	3.11	+2.11	1.66	−0.74	5.81	+2.29	4.47	−0.07	3.67	+0.49	1.88	−1.49	2.80	+0.46	1.06	−0.77	0.02	−0.88	0.39	−0.18	24.89	+0.32
Leola	0.00	−0.36	0.10	−0.32	1.77	+0.64	1.72	−0.53	3.61	+0.40	5.47	+2.62	3.04	+1.00	3.61	+0.59	1.46	−0.11	0.55	−0.63	0.19	−0.35	0.22	−0.22	21.74	+2.73
Madison	0.22	.....	0.50	.....	3.21	.....	3.10	.....	10.15	.....	4.09	.....	5.26	.....	2.25	.....	2.83	.....	0.51	.....	0.11	.....	0.60	.....	32.83	.....
Marion	0.05	−0.53	1.06	+0.14	3.45	+1.87	1.00	−1.40	8.48	+4.67	4.70	+0.11	5.79	+2.01	2.51	−0.51	3.93	+1.15	0.50	−1.38	0.33	−0.75	0.12	−0.58	31.92	+4.80
Mellette	T.	−0.55	0.05	−0.61	3.72	+2.76	1.67	−0.45	4.59	+1.44	3.38	+0.15	1.57	−0.98	3.67	+0.99	2.01	−0.03	1.07	−0.32	0.23	−0.47	0.34	−0.19	22.30	+1.74
Menno	0.12	−0.41	0.64	−0.12	3.43	+2.34	1.31	−0.86	6.62	+2.92	3.24	−0.84	2.49	−0.84	1.64	−1.27	2.98	+0.53	0.55	−1.07	0.05	−0.88	0.14	−0.54	23.21	−1.04
Milbank	0.03	−0.75	0.06	−0.76	2.69	+1.23	1.76	−0.41	8.40	+5.35	4.43	+0.46	0.64	−2.23	4.21	+1.22	6.18	+4.01	0.92	−0.86	0.02	−1.13	0.89	+0.09	30.23	+6.22
Miller	T.	−0.32	0.77	+0.41	3.03	+2.27	3.09	+1.33	7.87	+4.96	3.79	+0.53	3.12	+0.87	3.46	+0.96	1.85	+0.23	0.47	−0.66	0.24	−0.26	0.18	−0.20	27.87	+10.12
Mitchell	T.	−0.49	0.92	+0.26	3.38	+2.27	1.82	−0.96	10.58	+7.20	2.99	−1.23	2.36	−0.92	2.12	−0.53	2.02	−0.23	0.81	−0.75	0.31	−0.38	0.18	−0.37	26.99	+3.87

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)						Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Western Division—Continued																				
Cottonwood 2.5 e	Jackson	2,414	35	46.5	106	Aug. 1	−27	Jan. 17†	34	10.98	4.11	June	T.	Dec.	14.7	48	225	58	82	nw.
Custer	Custer	5,322	1	40.8	91	July 31†	−31	" 19	32	19.75	5.15	Apr.	T.	Nov.	42.4	77	129	158	78	w.
Deadwood	Lawrence	4,550	1	45.8	96	June 22†	−30	" 18	1	19.49	5.28	June	0.42	Sept.	74.5	92	176	116	73	nw.
Deerfield 0.5 n	Pennington	5,846	.....	.....	.....	.....	.....	.....	34	17.18	3.78	"	T.	Dec.	.....	.....	.....	.....	.....	sw.
Dumont ‡‡ 0.3 se	Lawrence	6,196	.....	.....	.....	.....	.....	.....	35	24.09	5.30	"	0.40	"	132.5	110	174	83	108	n.
Dupree	Ziebach	2,353	22	45.8	105	July 31	−31	Jan. 21	22	15.33	6.21	"	0.03	Apr.	.....	50	197	97	71	nw.
Faith	Meade	2,600	19	46.8	106	" 31	−28	Jan. 18	20	12.03	4.82	"	T.	Feb.	.....	.....	141	137	87	nw.
Hardy Ranger Sta. ‡‡	Lawrence	6,600	.....	.....	.....	.....	.....	.....	34	20.18	3.94	"	T.	Dec.	86.9	99	136	138	91	w.
Harveys Ranch ‡‡	do	6,284	.....	.....	.....	.....	.....	.....	35	25.84	5.35	"	0.47	"	112.5	96	183	78	104	nw.
Hermosa	Custer	3,300	.....	.....	.....	.....	.....	.....	2	.....	5.44	"	.....	.....	.....	.....	.....	.....	.....	.....
Hillaud	Haakon	2,650	35	.....	.....	.....	−28	Jan. 17†	34	.....	8.78	"	.....	.....	.....	.....	.....	.....	.....	.....
Hot Springs	Fall River	3,651	38	49.0	102	Aug. 1†	−23	" 18	40	17.46	4.39	"	0.00	Nov.	30.0	61	206	32	67	nw.
Lead	Lawrence	5,245	35	45.9	93	" 1	−30	" 18	35	19.79	5.11	"	0.32	Sept.	.....	98	178	101	86	nw.
Lemmon	Perkins	2,596	32	42.0	102	July 31	−42	" 17	32	15.58	5.97	"	0.25	Dec.	56.0	68	159	55	151	nw.
Longvalley	Washabaugh	2,467	16	49.3	108	Aug. 1	−28	" 18	16	11.70	3.96	"	T.	"	17.1	51	245	73	47	nw.
Ludlow 2.5 nw	Harding	3,200	20	43.4	101	" 18	−28	" 18	20	13.13	5.37	"	T.	"	22.5	52	168	126	71	nw.
Martin	Bennett	3,331	7	47.9	104	" 1	−27	" 20	10	12.60	3.36	"	0.01	"	13.6	60	187	111	67	sw.
Newell 2.5 nw	Butte	2,816	23	44.9	103	" 1	−28	" 19	23	12.49	3.48	"	0.18	"	37.9	82	.....	.....	.....	.....
Oelrichs	Fall River	3,342	47	48.6	106	" 1	−29	" 18	54	13.82	3.90	May	T.	"	.....	.....	255	59	51	nw.
Orman ‡‡	Butte	2,933	37	48.3	102	" 1	−29	" 18	38	13.16	4.77	June	0.10	Feb.	37.4	60	168	156	41	nw.
Philip 3.5 e	Haakon	.....	2	46.4	107	" 1	−25	" 17†	2	10.52	5.43	"	T.	Nov.	.....	57	116	138	111	nw.
Pine Ridge	Shannon	3,200	25	48.3	105	" 1	−34	Mar. 6	25	15.38	3.09	"	T.	Dec.	18.4	56	225	91	49	e.
Ralph	Harding	2,800	32	.....	101	" 18	−37	Jan. 18	33	20.50	7.35	"	0.15	"	.....	50	188	83	94	nw.
Rapid City A'pt. 8 ne	Pennington	3,231	56	46.8	101	July 31	−27	" 18	56	14.24	4.93	"	0.10	Aug.	26.6	82	118	117	130	nw.
Redig ‡‡ 9 ne	Harding	2,800	29	43.6	101	" 31†	−37	" 18	29	13.69	4.93	"	0.23	Dec.	42.6	58	201	66	98	se.
Rochford	Pennington	5,299	.....	.....	.....	.....	.....	.....	39	17.09	3.78	"	0.01	"	53.0	71	177	127	61	nw.
Spearfish A'pt. 4.5 e	Lawrence	3,647	47	46.0	99	July 22†	−30	Jan. 17†	54	16.55	4.62	"	0.65	Feb.	.....	94	102	143	120	nw.
Vale	Butte	2,773	36	.....	105	" 25	−30	" 18	36	13.28	4.99	"	0.19	"	.....	65	.....	.....	.....	nw.
Waters Ranch ‡‡	Lawrence	4,000	.....	.....	.....	.....	.....	.....	34	12.56	4.35	"	0.51	July	51.3	69	206	19	140	n.
For the Division		.....	.....	46.1	108	Aug. 1	−42	Jan. 17	....	15.93	8.78	June	0.00	Nov.	45.4	67	182	102	81	nw.
For the State		.....	.....	45.9	109	Aug. 1	−42	Jan. 17	....	17.71	9.93	June	0.00	Nov.	36.4	67	174	106	85	nw.

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1943, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	1.25	+0.57	0.35	−0.50	0.93	−0.40	0.52	−2.09	2.04	−1.62	7.07	+3.19	3.58	+0.45	2.97	−0.16	0.93	−1.22	1.50	−0.17	0.72	−0.10	T.	−0.85	21.86	−2.92
Alexandria	0.22	−0.28	0.30	−0.32	0.35	−0.72	0.90	−1.37	2.96	−0.44	4.26	−0.02	2.45	−0.56	2.29	−0.29	0.93	−1.38	3.19	+1.70	0.25	−0.52	0.00	−0.54	18.10	−4.74
Andover	1.94	.....	2.18	.....	0.95	.....	0.66	.....	3.46	.....	5.83	.....	5.78	.....	1.78	.....	1.11	.....	1.50	.....	0.69	.....	0.02	.....	25.90	.....
Arlington	0.62	−0.08	1.01	+0.51	0.87	−0.83	0.45	−1.91	2.80	+0.48	4.25	+1.41	2.60	+1.02	4.36	+1.84	1.55	−0.66	3.81	+2.72	0.71	−0.10	0.01	−0.64	23.04	+3.76
Armour	0.35	−0.14	0.15	−0.48	0.50	−0.61	2.01	−0.09	2.06	−1.27	4.02	+0.05	1.67	−1.21	1.87	−1.21	0.79	−1.17	2.11	+0.50	0.30	−0.36	T.	−0.76	15.83	−6.75
Ashton	1.20	+0.78	0.30	−0.24	0.40	−0.54	0.30	−1.73	1.21	−1.89	4.90	+1.79	0.55	−1.97	2.20	−0.74	0.25	−1.55	1.43	+0.05	0.50	−0.08	0.00	−0.50	13.24	−6.62
Britton	0.58	+0.17	1.55	+0.96	1.02	+0.34	0.47	−1.23	2.77	−0.42	5.81	+2.44	2.13	−0.31	1.19	−1.93	1.34	−0.86	1.56	+0.15	0.63	−0.02	T.	−0.48	19.05	−1.19
Brookings	0.76	+0.37	0.61	+0.18	1.07	+0.39	0.57	−1.30	1.99	−0.97	6.02	+2.11	3.70	+1.07	6.10	+3.29	1.43	−0.77	3.15	+1.66	0.89	+0.18	T.	−0.46	26.29	+5.75
Canistola	0.73	+0.03	1.08	+0.27	0.58	−0.54	1.22	−0.89	3.54	+0.04	5.58	+1.14	4.37	+1.80	2.80	+0.02	1.48	−0.96	3.55	+2.09	0.45	−0.47	0.06	−0.66	25.44	+1.87
Canton	0.36	−0.13	0.31	−0.27	0.49	−0.67	0.86	−1.31	1.88	−2.03	8.22	+3.77	3.50	+0.12	3.38	+0.63	0.74	−1.75	2.51	+0.89	0.91	−0.07	0.01	−0.59	23.17	−1.41
Castlewood	0.50	+0.16	0.85	+0.51	1.29	+0.49	0.60	−1.74	2.57	−0.15	4.04	−0.02	2.18	−0.89	4.39	+1.22	2.22	−0.20	3.09	+1.78	0.37	−0.49	T.	−0.38	22.10	+0.29
Centerville	0.67	+0.05	0.68	−0.15	0.95	−0.24	1.04	−0.99	1.57	−2.26	9.93	+5.84	3.32	−0.15	2.03	−0.94	0.37	−2.34	2.60	+0.97	0.52	−0.48	T.	−0.76	23.68	−1.45
Clark	1.12	+0.40	1.06	+0.43	1.14	+0.01	0.53	−1.51	3.34	+0.33	5.16	+1.10	1.71	−1.25	6.19	+3.04	1.56	−0.98	2.76	+1.10	0.72	−0.20	T.	−0.62	25.29	+1.85
Clear Lake	0.57	+0.06	0.67	+0.07	1.43	+0.11	0.43	−1.85	3.36	+0.08	4.37	+0.26	4.69	+1.19	4.11	+0.45	0.98	−1.60	1.64	−0.01	1.38	+0.40	T.	−0.47	23.63	−1.32
Danforth	0.10	.....	0.12	.....	0.29	.....	0.03	.....	1.73	.....	2.72	.....	0.47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
De Smet	0.81	+0.14	0.98	+0.41	1.03	+0.05	0.34	−1.65	2.33	−0.74	4.50	+0.23	3.17	+0.20	5.42	+2.62	0.97	−1.17	3.38	+1.60	0.50	−0.30	T.	−0.53	23.43	+0.86
Fairfax	0.86	+0.36	0.15	−0.47	0.48	−0.67	2.58	+0.21	2.46	−0.96	4.27	+0.42	1.28	−1.70	3.72	+0.77	0.26	−1.53	2.02	+0.46	0.48	−0.14	0.00	−0.66	18.56	−3.91
Flandreau	0.92	+0.49	0.62	+0.10	1.31	+0.43	0.80	−1.30	2.94	−0.53	7.15	+3.04	4.33	+1.66	4.99	+1.95	1.58	−1.09	2.91	+1.22	1.05	+0.04	0.03	−0.50	28.63	+5.51
Forestburg	0.37	−0.22	0.15	−0.45	0.35	−0.57	0.58	−1.53	1.19	−2.16	3.68	−0.18	2.44	−0.57	1.77	−0.61	0.63	−1.36	2.49	+1.07	0.36	−0.35	T.	−0.58	14.01	−7.51
Gannvalley	0.30	−0.20	$0.25	−0.22	$0.62	−0.17	0.37	−1.44	1.40	−1.92	5.39	+1.93	1.12	−1.58	0.53	−1.80	0.51	−1.32	2.04	+0.72	0.11	−0.47	0.00	−0.60	12.64	−6.97
Geddes	0.07	−0.28	$0.22	−0.36	$0.47	−0.76	1.87	−0.28	2.66	−0.77	4.22	+1.08	1.22	−0.50	1.73	−1.06	0.19	−1.62	1.81	+1.00	0.18	−0.10	0.04	−0.39	14.68	−4.04
Gelhaus Farm	0.86	+0.24	0.91	+0.47	1.31	−0.03	0.59	−1.77	2.99	+0.49	5.82	+1.94	4.07	+1.46	1.82	−0.86	0.92	−0.93	1.78	+0.82	0.56	+0.07	T.	−0.52	21.63	+1.38
Howard	0.54	+0.06	0.80	+0.31	1.19	+0.38	0.74	−1.30	3.06	+0.20	4.39	+0.48	2.59	−0.74	2.36	−0.39	0.74	−1.64	3.25	+1.66	0.61	−0.13	T.	−0.51	20.27	−1.62
Huron (Airport)	0.67	+0.11	0.87	+0.33	0.74	−0.17	0.35	−1.89	2.70	−0.28	5.47	+1.68	2.82	−0.34	1.30	−1.10	0.85	−0.72	1.99	+0.71	0.47	−0.12	T.	−0.57	18.23	−2.42
La Delle	0.51	+0.01	0.45	−0.06	0.73	−0.27	0.33	−2.07	4.65	+1.13	6.85	+2.31	1.48	−1.70	5.23	+1.95	0.89	−1.45	1.90	+0.07	0.65	−0.25	T.	−0.57	23.67	−0.90
Leola	1.45	+1.09	0.48	+0.06	1.03	−0.10	1.02	−1.23	1.39	−1.82	6.34	+3.49	2.61	+0.57	2.52	−0.50	0.23	−1.34	1.65	+0.47	0.65	+0.11	0.04	−0.40	19.41	+0.40
Madison	0.98	.....	1.28	.....	1.26	.....	0.93	.....	3.30	.....	6.15	.....	4.18	.....	5.16	.....	1.60	.....	3.27	.....	0.52	.....	0.02	.....	28.65	.....
Marion	0.51	−0.07	0.85	−0.07	0.53	−1.05	1.08	−1.32	3.67	−0.14	5.74	+1.15	3.23	−0.55	3.35	+0.33	1.55	−1.23	2.71	+0.83	0.40	−0.68	T.	−0.70	23.62	−3.50
Mellette	0.71	+0.16	0.67	+0.01	0.79	−0.17	0.43	−1.69	2.45	−0.70	5.43	+2.20	1.28	−1.27	3.59	+0.91	1.12	−0.92	1.48	+0.09	0.78	+0.08	T.	−0.53	18.73	−1.83
Menno	0.48	−0.05	0.77	+0.01	0.56	−0.53	1.25	−0.92	2.55	−1.15	7.61	+3.53	3.44	+0.11	4.58	+1.67	1.29	−1.16	2.50	+0.88	0.73	−0.20	T.	−0.68	25.76	+1.51
Milbank	0.60	−0.18	0.46	−0.36	1.39	−0.07	0.36	−1.81	2.42	−0.63	6.09	+2.12	4.75	+1.88	1.68	−1.31	0.95	−1.22	2.61	+0.83	0.75	−0.40	T.	−0.80	22.06	−1.95
Miller	0.40	+0.08	0.18	−0.18	0.51	−0.25	0.31	−1.45	3.04	+0.13	5.85	+2.59	3.57	+1.32	2.48	−0.02	0.40	−1.22	3.26	+2.13	0.29	−0.21	T.	−0.38	20.29	+2.54
Mitchell	0.34	−0.15	0.18	−0.48	0.43	−0.68	1.09	−1.19	2.18	−1.20	4.60	+0.38	1.16	−2.12	1.62	−1.03	0.93	−1.32	4.73	+3.17	0.17	−0.52	T.	−0.55	17.43	−5.09

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Western Division—Continued																				
Cottonwood 2.5 e.	Jackson	2,414	36	.....	105	Aug. 9	−33	Feb. 11	35	12.87	3.03	May	T.	Dec.	.....	57	136	176	54	nw.
Custer	Custer	5,322	2	39.9	93	" 8	−27	" 11	33	17.79	3.82	July	0.31	Sept.	69.3	96	109	177	80	w.
Deerfield 0.5 n	Pennington	5,845	2	43.4	99	" 8	−16	" 11†	17	29.19	6.38	June	0.49	"	137.7	106	119	182	65	nw.
Dumont 0.3 se	Lawrence	6,195	.....	.....	.....	.....	.....	.....	35	15.64	3.87	"	0.11	Aug.	80.4	78	134	107	125	sw.
Dupree	Ziebach	2,853	23	44.8	103	Aug. 8†	−33	Feb. 11	36	23.19	4.47	"	0.65	"	170.0	110	171	65	130	w.
Faith †	Meade	2,600	20	44.6	103	" 8	−22	" 11	23	18.52	6.57	"	0.15	Dec.	69.7	64	164	132	70	nw.
Hardy Ranger Sta	Lawrence	6,510	.....	.....	.....	.....	.....	.....	21	22.55	6.09	"	0.20	"	69.9	81	157	117	92	nw.
Harveys Ranch	do	6,284	.....	.....	.....	.....	.....	.....	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hermosa	Custer	3,300	.....	.....	.....	.....	.....	.....	36	26.24	5.51	June	0.54	Aug.	124.5	94	179	74	118	nw.
Hilland †	Haakon	2,650	36	.....	.....	.....	−28	Feb. 11	35	17.66	3.75	June*	T.	Sept.	36.9	.....	.....	.....	.....	n.
Hot Springs	Fall River	3,551	39	47.4	103	Aug. 8	−18	" 11	41	20.32	4.73	July	0.18	Sept.	47.4	80	214	95	57	nw.
Lead	Lawrence	5,245	36	44.6	94	" 8	− 9	" 10†	36	24.91	4.61	June	0.37	"	126.1	118	153	110	103	nw.
Lemmon	Perkins	2,596	33	42.0	100	" 9	−27	" 11	33	21.60	9.81	"	0.06	Dec.	40.7	66	126	80	160	nw.
Longvalley	Washabaugh	2,467	17	47.4	103	" 8	−26	" 11	17	23.82	5.84	May	T.	Sept.	58.9	73	220	85	61	nw.
Ludlow 2.5 nw	Harding	3,200	21	42.4	94	" 8†	−32	" 11	21	21.40	8.60	June	0.09	Oct.	39.0	60	192	112	62	nw.
Martin	Bennett	3,331	8	46.4	101	" 8	−16	" 11	11	22.86	6.03	"	0.04	Sept.	33.2	81	186	102	78	sw.
Newell 2.5 nw	Butte	2,816	24	42.7	100	" 9	−24	" 11†	24	19.42	5.68	"	0.34	Dec.	60.8	99	.....	.....	.....	.....
Oelrichs	Fall River	3,342	48	46.4	106	" 8	−15	" 11	55	17.30	3.46	May	0.10	Sept.	36.5	50	269	42	55	w.
Orman	Butte	2,933	38	46.1	99	" 9	−29	" 11	39	19.68	6.51	June	0.32	Feb.	69.0	69	152	150	64	nw.
Philip 3.5 e.	Haakon	.....	3	45.4	111	" 8	−31	" 11	3	14.68	3.45	"	0.10	Dec.	38.3	100	.....	.....	.....	nw.
Pine Ridge	Shannon	3,200	26	47.0	103	" 8	−25	" 11	26	25.03	5.08	May	0.14	Feb.	47.1	79	189	93	84	s.
Ralph	Harding	2,800	33	40.7	95	" 8†	−42	" 11	34	18.96	7.73	June	0.06	Oct.	34.5	49	142	105	119	nw.
Rapid City A'pt. 8 ne.	Pennington	3,218	57	45.3	103	" 8	−15	" 11	57	22.23	4.97	"	0.37	Dec.	60.4	94	118	121	127	nw.
Redig 9 ne	Harding	2,800	30	42.0	98	" 9	−33	" 11	30	19.56	6.22	"	0.07	Oct.	57.8	70	191	67	108	se.
Rochford	Pennington	5,299	.....	.....	.....	.....	.....	.....	40	14.88	2.99	June	0.06	Feb.	76.9	66	150	152	64	w.
Spearfish A'pt. 4.5 e.	Lawrence	3,647	48	44.3	98	Aug. 9	−17	Feb. 11	55	31.10	7.10	Nov.	0.67	Sept.	150.7	114	.....	.....	.....	w.
Vale	Butte	2,773	37	45.2	100	" 9	−27	" 11	37	20.60	7.38	June	0.37	Dec.	.....	72	223	91	52	nw.
Waters Ranch	Lawrence	4,000	.....	.....	.....	.....	.....	.....	35	21.63	6.65	"	0.15	Oct.	72.8	79	213	21	132	n.
For the Division		.....	.....	**44.5**	**111**	**Aug. 8**	**−42**	**Feb. 11**	....	**20.58**	**9.88**	**June**	**T.**	**Sept***	**68.9**	**80**	**170**	**110**	**86**	**nw.**
For the State		.....	.....	**45.4**	**111**	**Aug. 8**	**−42**	**Feb. 11†**	....	**24.37**	**11.62**	**Aug.**	**T.**	**Sept***	**41.4**	**82**	**157**	**108**	**101**	**nw.**

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1944, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	1.04	+0.23	0.33	−0.53	0.88	−0.65	1.85	−1.04	2.76	−0.40	4.55	+0.58	5.51	+2.52	4.58	+1.84	1.61	−0.24	3.24	+1.74	1.73	+0.79	0.11	−0.69	28.19	+ 4.15
Alexandria	1.06	+0.53	1.12	+0.48	0.71	−0.58	3.74	+1.19	3.92	+0.70	5.67	+1.69	4.52	+1.60	7.25	+4.65	1.15	−1.04	0.50	−0.88	1.23	+0.53	0.03	−0.50	30.90	+ 8.37
Andover	0.41	.....	0.09	.....	0.53	.....	1.24	.....	3.11	.....	4.72	.....	4.68	.....	3.56	.....	1.46	.....	1.38	.....	1.36	.....	0.23	.....	22.77	.....
Arlington	1.28	+0.64	0.69	+0.16	0.72	−0.90	2.28	−0.29	4.07	+1.62	3.71	+0.29	2.52	+0.70	6.42	+3.84	1.66	−0.48	0.52	−0.87	1.58	+0.85	0.05	−0.49	25.50	+ 5.07
Armour	1.45	+0.91	1.07	+0.43	0.54	−0.63	2.98	+0.70	4.45	+1.35	5.20	+1.84	3.66	+0.93	7.34	+4.27	1.85	−0.05	0.85	−0.62	1.69	+1.02	0.12	−0.57	31.20	+ 9.08
Ashton	1.70	+1.11	0.60	+0.07	0.90	−0.10	1.95	−0.10	2.75	+0.66	3.20	−0.32	3.22	+1.36	3.60	+1.68	0.85	−0.59	0.75	−0.56	1.20	+0.71	0.30	−0.21	20.92	+ 3.71
Britton	0.24	−0.27	0.82	+0.21	0.61	−0.09	1.22	−0.60	4.30	+1.71	4.88	+1.30	4.94	+2.55	2.46	−0.27	1.57	−0.31	0.79	−0.38	1.61	+0.92	0.09	−0.36	23.53	+ 4.41
Brookings	1.05	+0.65	0.72	+0.27	0.66	−0.12	2.04	+0.06	6.46	+3.67	4.34	+0.59	3.32	+0.90	6.81	+4.19	1.36	−0.65	0.40	−0.85	1.47	+0.84	0.02	−0.45	28.65	+ 9.10
Canistota	1.16	+0.48	1.32	+0.59	0.76	−0.50	3.84	+1.69	5.68	+2.81	5.43	+1.55	4.75	+2.67	9.24	+6.26	1.26	−1.17	0.47	−0.68	1.01	+0.15	0.05	−0.55	34.97	+13.30
Canton	1.25	+0.72	1.51	+0.95	0.98	−0.24	3.21	+0.91	4.36	+0.76	6.82	+2.40	3.99	+0.63	6.77	+3.79	3.89	+1.30	0.64	−0.90	0.95	−0.04	0.10	−0.50	34.47	+ 9.78
Castlewood	0.79	+0.29	0.14	−0.29	0.40	−0.51	1.62	−0.68	2.86	+0.22	3.63	−0.45	3.38	+0.57	5.07	+2.18	2.61	+0.45	0.19	−0.93	1.15	+0.25	0.04	−0.35	21.88	+ 0.75
Centerville	0.86	+0.19	1.92	+1.09	0.77	−0.50	3.80	+1.71	8.28	+4.78	6.97	+2.95	5.90	+2.68	7.39	+4.46	4.08	+1.39	0.60	−0.90	1.96	+1.03	T.	−0.74	42.53	+18.14
Clark	0.86	+0.14	0.39	−0.22	0.80	−0.39	2.66	+0.44	2.41	−0.43	5.50	+1.51	2.94	+0.07	3.57	+0.66	1.64	−0.63	0.47	−0.99	1.68	+0.82	0.12	−0.46	23.04	+ 0.52
Clear Lake	1.05	+0.60	0.49	−0.13	0.60	−0.80	2.28	−0.19	2.71	−0.95	4.01	−0.06	1.88	−1.30	5.10	+1.56	2.17	−0.16	0.17	−1.40	0.95	+0.21	0.12	−0.32	21.53	− 2.99
De Smet	1.09	+0.50	0.64	+0.09	0.51	−0.56	2.88	+0.70	3.34	+0.58	4.76	+0.83	4.44	+1.80	.....	.....	.....	.....	.....	.....	.....	.....	0.05	−0.53	.....	.....
Fairfax	1.57	+1.09	1.17	+0.54	1.30	+0.30	5.73	+3.55	5.36	+2.03	6.28	+2.56	4.73	+1.92	6.51	+3.86	0.89	−0.79	1.06	−0.30	1.65	+1.12	0.10	−0.38	36.35	+15.50
Flandreau	1.03	+0.55	1.28	+0.74	0.72	−0.30	2.80	+0.49	3.97	+0.75	3.64	−0.40	4.30	+1.71	6.69	+3.76	2.05	−0.37	0.59	−0.84	2.09	+1.14	0.03	−0.55	29.19	+ 6.68
Forestburg	1.15	+0.57	0.94	+0.35	0.79	−0.32	3.39	+1.00	7.46	+4.52	4.76	+1.01	5.40	+2.79	5.28	+3.02	1.11	−0.65	0.47	−0.78	0.81	+0.14	0.10	−0.48	31.66	+11.17
Gannvalley	1.30	+0.71	0.35	−0.15	0.57	−0.34	2.50	+0.59	3.21	+0.35	6.04	+2.68	5.00	+2.16	10.73	+8.29	0.68	−0.81	0.83	−0.23	2.01	+1.40	0.10	−0.47	33.32	+14.18
Geddes	1.65	+1.32	0.99	+0.44	0.64	−0.52	4.08	+1.95	3.74	+0.38	5.90	+2.67	5.75	+4.08	7.63	+4.83	0.95	−0.73	1.38	+0.49	2.02	+1.75	0.04	−0.36	34.67	+16.30
Gelhaus Farm	0.45	−0.19	0.32	−0.17	0.96	−0.38	2.32	+0.12	4.32	+1.78	3.66	−0.38	2.02	−0.71	2.24	−0.36	2.50	+0.72	0.69	−0.34	1.50	+1.00	0.17	−0.81	21.16	+ 0.78
Howard	1.16	+0.70	0.88	+0.34	0.68	−0.41	2.51	+0.28	5.57	+2.92	4.85	+1.09	7.74	+4.80	7.80	+5.16	0.95	−1.31	0.65	−0.76	0.90	+0.20	0.02	−0.52	33.71	+12.49
Huron (Airport)	1.66	+1.10	0.89	+0.33	0.85	−0.06	3.61	+1.37	3.34	+0.36	5.14	+1.35	4.08	+0.92	3.72	+1.26	1.21	−0.36	0.61	−0.67	1.18	+0.59	0.11	−0.46	26.40	+ 5.73
La Delle	1.10	+0.51	0.37	−0.12	0.47	−0.58	3.14	+0.78	2.81	−0.35	5.49	+1.26	5.11	+2.12	3.12	+0.04	1.74	−0.38	0.47	−1.10	1.09	+0.28	0.07	−0.47	24.98	+ 1.99
Leola	0.47	+0.09	0.14	−0.28	0.55	−0.52	0.95	−1.16	2.95	+0.20	4.09	+1.27	4.76	+2.70	5.53	+2.60	1.55	0.00	0.27	−0.78	2.07	+1.61	0.14	−0.26	23.47	+ 5.47
Madison	1.02	.....	1.43	.....	1.12	.....	3.41	.....	4.30	.....	5.09	.....	4.17	.....	8.97	.....	1.66	.....	0.39	.....	1.78	.....	0.04	.....	30.38	.....
Marion	0.68	+0.04	1.51	+0.54	0.76	−0.81	4.10	+1.75	6.91	+3.38	5.71	+1.26	4.65	+1.35	11.62	+8.69	1.57	−1.17	0.78	−0.88	1.40	+0.37	0.05	−0.65	39.74	+13.87
Mellette	1.23	+0.59	0.24	−0.44	0.53	−0.54	2.09	−0.12	3.41	+0.61	4.21	+0.83	3.73	+1.17	2.47	+0.10	1.40	−0.34	1.04	−0.25	1.71	+0.97	0.24	−0.28	22.30	+ 2.30
Menno	1.32	+0.71	1.66	+0.88	0.59	−0.64	3.64	+1.42	8.25	+4.81	8.58	+4.77	4.68	+1.63	7.78	+4.77	1.55	−0.75	0.57	−0.94	0.97	+0.08	0.03	−0.65	39.62	+16.09
Milbank	1.16	+0.39	0.15	−0.63	0.57	−0.81	3.09	+0.84	2.26	−0.69	3.33	−0.55	2.78	+0.19	2.36	−0.52	1.88	−0.05	0.90	−0.58	1.28	+0.83	0.08	−0.63	19.78	− 2.71
Miller	1.72	+1.31	0.39	−0.02	0.63	−0.22	2.08	+0.22	4.42	+1.72	4.38	+1.21	3.17	+0.93	4.08	+1.92	1.08	−0.24	0.89	−0.14	1.98	+1.46	0.09	−0.31	24.91	+ 7.84
Mitchell	1.59	+1.06	1.16	+0.50	0.80	−0.44	3.35	+0.84	3.25	+0.11	6.96	+2.99	4.44	+1.36	8.49	+5.96	1.04	−1.12	0.53	−0.89	1.91	+1.24	0.05	−0.46	33.57	+11.15

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)						Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Western Division—Continued																				
Cottonwood 2.5 e.	Jackson	2,414	37	38.5	107	July 30	−17	Jan. 1	36	11.39	3.79	June	T.	Nov.	.....	69	102	202	61	w.
Custer	Custer	5,322	3	40.0	93	" 30	−25	Dec. 15	34	15.32	3.42	"	0.15	Oct.	42.7	101	137	139	89	w.
Deadwood	Lawrence	4,550	3	42.3	97	" 22†	−14	Mar. 6	18	30.46	6.63	"	0.66	Nov.	87.2	113	154	119	92	nw.
Deerfield 0.5 n.	Pennington	5,925	.....	.....	.....	.....	.....	.....	36	17.25	3.22	May	0.00	Oct.	63.0	82	114	131	120	nw.
Dumont 0.3 se.	Lawrence	6,195	.....	.....	.....	.....	.....	.....	37	24.08	4.82	June	0.42	Oct.*	101.5	136	143	97	125	w.
Dupree	Ziebach	2,353	24	44.4	105	Sept. 5	−20	Dec. 17	24	12.07	3.07	"	T.	Nov.	24.6	50	156	130	79	nw.
Faith	Meade	2,600	21	46.9	108	Aug. 31	−17	" 17	22	12.89	2.90	"	0.02	Oct.	.....	72	138	120	107	nw.
Hardy Ranger Sta	Lawrence	6,510	.....	.....	.....	.....	.....	.....	36	26.66	7.28	Aug.	0.27	"	105.8	132	168	101	96	nw.
Harveys Ranch	....do	6,284	.....	.....	.....	.....	.....	.....	37	28.92	6.63	May	0.35	Nov.	108.3	86	160	83	122	nw.
Hermosa	Custer	3,300	.....	.....	.....	.....	.....	.....	36	15.74	4.02	June	T.	Oct.*	.....	50	210	109	46	n.
Hilland	Haakon	2,650	37	.....	104	July 30	.....	.....	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	nw.
Hot Springs	Fall River	3,551	40	46.6	104	" 22	−19	Jan. 1	42	15.12	3.45	June	T.	Oct.	32.3	93	211	100	54	nw.
Lead	Lawrence	5,245	37	43.8	92	" 30†	−13	Mar. 5	37	26.45	6.86	"	0.42	Nov.	65.8	121	120	112	133	nw.
Lemmon	Perkins	2,596	34	41.6	101	Aug. 18	−22	Dec. 17	34	11.97	2.34	"	T.	Oct.	22.2	60	.....	.....	.....	nw.
Longvalley	Washabaugh	2,467	18	47.8	107	July 30	−18	" 16	18	13.73	2.78	Aug.	0.00	"	27.7	45	238	76	51	nw.
Ludlow 2.5 nw.	Harding	3,200	22	42.2	100	Aug. 18†	−28	" 17	22	9.93	2.46	June	0.06	Aug.	26.0	52	187	111	67	nw.
Martin	Bennett	3,331	9	46.9	104	July 23	−17	" 15	12	14.61	4.18	"	0.02	Dec.	25.8	69	170	100	95	sw.
Newell 2.5 nw.	Butte	2,816	25	43.2	101	" 22†	−21	Mar. 6	25	13.13	3.54	May	0.12	"	23.9	101	.....	.....	.....	.....
Oelrichs	Fall River	3,342	49	46.7	103	" 30	−10	Dec. 15	56	14.80	3.77	June	0.00	Oct.*	12.6	44	295	33	37	w.
Orman	Butte	2,933	39	46.0	102	" 30	−22	Mar. 6	40	12.63	3.32	"	0.06	Dec.	18.6	72	121	165	79	nw.
Philip 3.5 e.	Haakon	2,204	4	46.3	107	" 30	−18	Dec. 16	4	16.59	5.45	"	0.01	Nov.	.....	92	.....	.....	.....	nw.
Pine Ridge	Shannon	3,200	27	47.6	106	" 30	−22	Jan. 1	27	18.16	6.32	Aug.	0.00	Oct.	21.8	55	199	93	73	ne.
Ralph	Harding	2,800	34	40.7	102	Sept. 5	−28	Dec. 16†	35	8.67	2.48	June	T.	Aug.	.....	48	134	85	146	nw.
Rapid City A'pt. 8 ne.	Pennington	3,215	58	45.4	100	July 30†	−13	Jan. 1	58	19.64	4.40	Aug.	0.03	Nov.	21.6	109	97	125	143	nw.
Redig 9 ne	Harding	2,800	31	41.7	101	" 22†	−23	" 1†	31	10.62	2.27	June	0.11	Oct.	28.3	65	175	82	108	nw.
Rochford	Pennington	5,299	.....	.....	.....	.....	.....	.....	41	15.64	4.15	Aug.	0.04	"	40.7	74	138	170	57	w.
Spearfish A'pt. 4.5 e.	Lawrence	3,909	49	44.6	99	Sept. 2	−19	Mar. 5	56	24.29	5.58	Sept.	0.45	Nov.	.....	125	.....	.....	.....	w.
Vale	Butte	2,773	38	45.5	99	Aug. 30	−21	" 6	38	13.70	3.37	June	0.07	Nov.*	.....	69	226	91	48	nw.
Waters Ranch	Lawrence	4,000	.....	.....	.....	.....	.....	.....	36	20.04	4.40	"	0.27	Oct.	49.2	86	212	85	118	n.
For the Division....	.....	.....	.....	**44.4**	**108**	**Aug. 31**	**−28**	**Dec. 16†**	....	**16.34**	**7.28**	**Aug**	**0.00**	**Aug***	**38.9**	**79**	**163**	**110**	**92**	**nw.**
For the State.....	.....	.....	.....	**44.9**	**108**	**Aug. 19†**	**−29**	**Dec. 18**	....	**17.84**	**7.61**	**June**	**0.00**	**Aug***	**30.5**	**75**	**149**	**118**	**98**	**nw.**

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1945, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	0.54	−0.27	0.97	+0.11	1.59	+0.06	2.27	−0.62	1.85	−1.31	4.12	+0.15	1.85	−1.14	1.88	−0.86	2.75	+0.90	0.25	−1.25	0.10	−0.84	0.48	−0.32	18.65	− 5.39
Alexandria	0.28	−0.25	1.26	+0.62	1.36	+0.07	1.39	−1.16	1.96	−1.26	5.55	+1.57	2.40	−0.52	1.61	−0.99	1.60	−0.59	0.31	−1.07	0.61	−0.09	0.89	+0.36	19.22	− 3.31
Andover	0.17	.....	1.40	.....	1.61	.....	2.73	.....	2.54	.....	3.86	.....	3.34	.....	1.96	.....	2.56	.....	0.45	.....	0.62	.....	0.53	.....	21.77	.....
Arlington	0.37	−0.27	1.02	+0.49	1.17	−0.45	1.59	−0.98	2.48	+0.03	6.60	+3.18	3.07	+1.25	1.06	−1.52	1.80	−0.34	0.50	−0.89	0.67	−0.06	1.16	+0.62	21.49	+ 1.06
Armour	0.41	−0.13	0.94	+0.30	0.97	−0.20	1.95	−0.33	1.24	−1.86	5.99	+2.13	1.24	−1.49	2.85	−0.22	1.81	−0.09	0.23	−1.24	0.44	−0.23	0.59	−0.10	18.66	− 3.46
Ashton	0.26	−0.33	0.85	+0.42	1.20	+0.20	0.97	−1.08	4.50	+2.41	4.07	+0.55	.....	.....	0.51	−1.41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Britton	0.16	−0.35	1.16	+0.55	0.28	−0.42	2.64	+0.82	0.85	−1.74	4.34	+0.76	0.98	−1.41	1.63	−1.10	2.28	+0.40	0.31	−0.86	.....	.....	0.86	+0.41	15.89	− 3.23
Brookings	0.34	−0.06	0.89	+0.44	0.81	+0.03	1.48	−0.50	3.19	+0.40	5.64	+1.89	2.49	+0.07	2.06	−0.56	2.21	+0.20	0.45	−0.80	0.75	+0.12	1.31	+0.84	21.62	+ 2.07
Canistota	0.44	−0.24	1.48	+0.75	1.87	+0.61	1.15	−1.00	2.26	−0.61	5.46	+1.58	3.03	+0.95	2.05	−0.93	1.78	−0.65	0.27	−0.88	0.62	−0.24	1.09	+0.49	21.50	− 0.17
Canton	0.75	+0.22	1.68	+1.12	1.35	+0.13	2.05	−0.25	5.22	+1.62	3.19	−1.23	5.53	+2.17	2.00	−0.98	2.02	−0.57	0.05	−1.49	0.77	−0.22	2.45	+1.85	27.06	+ 2.37
Castlewood	0.22	−0.28	0.50	+0.07	0.90	−0.01	0.92	−1.38	2.12	−0.52	5.28	+1.20	2.40	−0.41	1.67	−1.22	1.99	−0.17	0.45	−0.67	0.68	−0.22	1.06	+0.67	18.19	− 2.94
Centerville	0.29	−0.38	1.03	+0.20	0.78	−0.49	1.60	−0.49	5.55	+2.05	3.82	−0.20	2.06	−1.16	3.49	+0.56	1.53	−1.16	0.35	−1.15	0.74	−0.19	1.75	+1.01	22.99	− 1.40
Clark	0.57	−0.15	0.72	+0.11	1.33	+0.14	1.97	−0.85	5.85	+3.01	2.53	−1.46	4.35	+1.48	4.82	+1.91	2.41	+0.14	0.60	−0.86	0.68	−0.18	0.60	+0.02	25.83	+ 3.31
Clear Lake	0.29	−0.16	0.81	+0.19	0.58	−0.82	1.55	−0.92	4.09	+0.43	5.15	+1.08	5.82	+2.64	1.55	−1.99	1.62	−0.71	0.47	−1.10	0.73	−0.01	1.48	+1.04	24.14	− 0.33
De Smet	0.63	+0.04	0.99	+0.44	1.50	+0.43	0.92	−1.26	3.17	+0.41	7.61	+3.68	4.28	+1.64	.....	.....	.....	.....	.....	.....	.....	.....	0.50	−0.08	.....	.....
Fairfax	0.25	−0.23	0.79	+0.16	0.27	−0.73	1.71	−0.47	2.08	−1.25	4.77	+1.05	1.68	−1.13	5.52	+2.87	0.97	−0.71	0.23	−1.13	0.18	−0.35	0.31	−0.17	18.76	− 2.09
Flandreau	0.40	−0.08	0.88	+0.34	1.09	+0.07	1.74	−0.57	7.20	+3.98	6.83	+2.79	2.31	−0.28	0.99	−1.94	2.61	+0.19	0.59	−0.84	0.89	−0.06	1.18	+0.60	26.71	+ 4.20
Forestburg	0.76	+0.18	0.45	−0.14	1.06	−0.05	1.36	−1.03	3.49	+0.55	5.27	+1.52	3.07	+0.46	1.78	−0.48	1.64	−0.12	0.58	−0.67	0.35	−0.32	0.89	+0.31	20.70	+ 0.21
Gannvalley	0.41	−0.18	0.35	−0.15	1.84	+0.93	0.79	−1.12	2.55	−0.31	4.61	+1.25	2.47	−0.37	1.85	−0.59	1.02	−0.47	0.38	−0.68	0.20	−0.41	0.87	+0.30	17.34	− 1.80
Geddes	0.35	+0.02	1.07	+0.52	1.10	−0.06	1.15	−0.98	2.32	−1.04	6.43	+3.20	1.81	+0.14	3.38	+0.68	1.20	−0.48	0.30	−0.59	T.	−0.27	.....	.....	.....	.....
Gelhaus Farm	0.20	−0.44	0.43	−0.06	1.95	+0.61	2.11	−0.09	4.17	+1.63	5.72	+1.68	3.90	+1.17	3.06	+0.46	3.01	+1.23	0.72	−0.31	0.60	+0.10	0.28	−0.20	26.15	+ 5.78
Howard	0.45	−0.01	0.60	+0.06	1.35	+0.26	1.97	−0.26	4.70	+2.05	6.19	+2.43	2.43	−0.51	2.21	−0.43	3.45	+1.19	0.40	−1.01	0.76	+0.06	0.90	+0.36	25.41	+ 4.19
Huron (Airport)	0.51	−0.05	0.69	+0.15	0.88	−0.03	1.29	−0.95	4.85	+1.87	4.02	+0.23	1.22	−1.94	1.35	−1.11	1.36	−0.21	0.33	−0.95	0.37	−0.22	0.79	+0.22	17.66	− 2.99
La Delle	0.38	−0.21	0.77	+0.28	0.65	−0.40	1.21	−1.15	3.79	+0.63	2.46	−1.78	7.25	+4.26	2.38	−0.70	2.25	+0.13	0.50	−1.07	0.58	−0.23	0.57	+0.03	22.78	− 0.21
Leola	0.47	+0.09	0.96	+0.54	0.76	−0.31	1.67	−0.44	0.97	−1.78	3.33	+0.51	1.25	−0.81	1.43	−1.50	2.89	+1.34	T.	−1.05	T.	−0.46	0.28	−0.12	14.01	− 3.99
Madison	1.07	.....	1.19	.....	1.58	.....	3.30	.....	5.29	.....	7.22	.....	2.14	.....	1.62	.....	1.44	.....	0.31	.....	0.80	.....	1.66	.....	27.62	.....
Marion	0.28	−0.36	1.31	+0.34	1.00	−0.57	1.34	−1.01	2.91	−0.62	5.29	+0.84	3.64	+0.34	2.44	−0.49	2.37	−0.37	0.36	−1.30	0.16	−0.87	1.07	+0.37	22.17	− 3.70
Mellette	0.58	−0.06	0.78	+0.10	1.28	+0.21	1.48	−0.73	4.65	+1.85	3.67	+0.29	2.01	−0.55	1.87	−0.50	2.70	+0.96	0.44	−0.85	0.43	−0.31	0.36	−0.16	20.25	+ 0.25
Menno	0.43	−0.18	1.12	+0.34	0.98	−0.25	1.61	−0.61	3.81	+0.37	3.98	+0.17	1.05	−2.00	2.81	−0.20	1.58	−0.72	0.11	−1.40	0.49	−0.40	1.38	+0.70	19.35	− 4.18
Milbank	0.28	−0.49	0.77	−0.01	0.84	−0.54	1.22	−1.03	3.50	+0.55	4.86	+0.98	3.11	+0.52	3.34	+0.52	2.02	+0.09	0.26	−1.22	0.78	−0.17	0.98	+0.27	21.96	− 0.53
Miller	0.54	+0.13	0.50	+0.09	1.11	+0.26	2.54	+0.68	2.27	−0.43	3.98	+0.81	2.75	+0.51	1.47	−0.69	1.20	−0.12	0.34	−0.69	0.62	+0.10	0.72	+0.32	18.04	+ 0.97
Mitchell	0.32	−0.21	0.95	+0.29	0.82	−0.42	1.10	−1.41	2.17	−0.97	5.04	+1.07	2.42	−0.66	2.43	−0.10	2.98	+0.82	0.59	−0.83	0.77	+0.10	0.73	+0.22	20.32	− 2.10

Station	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)						Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Western Division—Continued																				
Cottonwood 2.5 e.	Jackson	2,414	38	48.8	108	July 31	−24	Dec. 29	37	17.75	4.90	May	0.01	Jan.	21.0	72	84	233	48	w.
Custer	Custer	5,322	4	42.8	92	July 22†	−24	" 29	35	24.28	7.74	"	0.23	"	36.5	91	128	151	86	w.
Deadwood	Lawrence	4,550	4	45.4	99	" 31	−14	" 29	19	48.42	18.61	"	0.47	Nov.	108.9	122	135	160	80	nw.
Deerfield 3 w	Pennington	5,925	.....	.....	.....	.....	.....	.....	37	‖26.74	6.96	"	$0.20	Jan.	.....	.....	.....	.....	.....	nw.
Dumont 0.3 se	Lawrence	6,195	.....	.....	.....	.....	.....	.....	38	37.28	11.69	"	0.42	Nov.	141.7	116	156	97	112	w.
Dupree 4.5 nne	Ziebach	2,353	25	47.4	105	July 31	−25	Dec. 29	25	21.81	4.32	June	0.01	Jan.	39.9	70	175	110	80	nw.
Faith	Meade	2,600	22	49.1	103	" 27†	−22	" 29	23	22.71	6.45	May	T.	"	.....	75	78	145	142	nw.
Hardy Ranger Sta.	Lawrence	6,510	.....	.....	.....	.....	.....	.....	37	29.94	8.54	"	0.33	Nov.	132.9	130	160	99	106	nw.
Harveys Ranch	do	6,284	.....	.....	.....	.....	.....	.....	38	38.28	13.20	"	0.22	"	172.5	82	133	152	80	w.
Hermosa	Custer	3,300	.....	.....	.....	.....	.....	.....	37	19.89	6.65	"	T.	Nov.*	.....	43	208	110	47	n.
Hilland	Haakon	2,650	38	48.2	104	July 30†	−21	Dec. 29	37	‖21.40	4.95	"	0.01	Jan.	.....	.....	.....	.....	.....	nw.
Hot Springs	Fall River	3,551	41	49.4	104	" 30	−21	" 29	43	21.96	8.06	"	0.18	Nov.	23.5	78	236	80	49	nw.
Lead	Lawrence	5,245	38	45.7	94	" 31	−13	" 28†	38	40.09	15.31	"	0.45	"	104.6	106	123	115	127	nw.
Lemmon	Perkins	2,596	35	43.7	102	" 31	−25	" 29	35	20.86	3.50	"	0.01	Jan.	40.5	77	124	120	121	nw.
Longvalley	Washabaugh	2,467	19	51.2	108	" 30	−21	" 29	19	20.87	5.03	Sept.	T.	July	20.8	49	245	75	45	nw.
Ludlow 2.5 nw	Harding	3,200	23	44.3	99	" 31	−21	" 29	23	20.40	4.41	May	T.	Nov.	29.5	60	204	100	61	nw.
Martin	Bennett	3,331	10	49.7	104	" 30	−18	" 29	13	20.17	5.63	"	0.15	Jan.	22.7	63	204	91	70	sw.
Newell 2.5 nw	Butte	2,816	26	.....	.....	.....	−23	" 29	26	28.04	9.35	"	0.16	Nov.	.....	102	.....	.....	.....	.....
Oelrichs	Fall River	3,342	50	49.6	104	July 22†	−26	" 29	57	19.42	6.58	"	0.14	Jan.	11.0	50	296	80	39	w.
Orman	Butte	2,933	40	48.4	102	" 29	−24	" 29	41	24.40	7.29	"	0.06	Feb.	23.8	83	177	107	81	nw.
Philip Airport 3.5 e.	Haakon	2,204	5	48.2	109	" 31	−20	" 29	5	22.23	7.90	"	0.05	Nov.	22.3	80	83	145	137	nw.
Pine Ridge	Shannon	3,200	28	49.9	108	" 30	−23	" 29	28	21.05	7.48	"	0.24	"	.....	56	196	96	73	s.
Ralph	Harding	2,800	35	44.4	102	" 31	−31	" 29	36	18.31	4.87	"	T.	Jan.	15.4	48	157	89	119	nw.
Rapid City Airport 8 ne	Pennington	3,215	59	47.7	101	" 31	−17	" 29	59	27.70	7.35	"	0.13	"	32.4	93	94	132	139	nw.
Redig 9 ne	Harding	2,800	32	45.2	101	" 31	−30	" 29	32	20.05	4.68	June	T.	Nov.	24.9	70	200	67	98	nw.
Rochford	Pennington	5,299	.....	.....	.....	.....	.....	.....	42	33.18	8.75	May	0.17	Jan.	63.4	70	170	149	46	w.
Spearfish Airport 4.5 e	Lawrence	3,909	50	46.7	100	July 31	−17	Dec. 29	57	42.40	13.07	"	0.47	July	113.1	116	72	143	150	nw.
Spearfish 8 mi. w	Lawrence	.....	.....	.....	.....	.....	.....	.....	37	31.16	8.00	"	0.22	Nov.	61.1	77	228	19	118	w.
Vale	Butte	2,773	39	47.7	99	July 31	−21	Dec. 29	39	27.85	9.40	"	0.09	"	.....	63	238	64	63	nw.
For the Division		.....	.....	**47.2**	**109**	**July 31**	**−31**	**Dec. 29**	....	**25.95**	**18.61**	**May**	**T.**	**Jan.***	**49.4**	**78**	**170**	**109**	**86**	**nw.**
For the State		.....	.....	**47.3**	**110**	**June 23†**	**−31**	**Dec. 29**	....	**25.35**	**18.61**	**May**	**0.00**	**Jan.**	**35.5**	**75**	**158**	**118**	**89**	**nw.**

Notes explanatory of symbols used in this table are printed on page 78.

Monthly and Annual Precipitation for the Year 1946, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	0.08	−0.73	1.13	+0.27	1.56	+0.03	2.01	−0.88	1.32	−1.84	3.97	0.00	3.72	+0.73	1.00	−1.74	3.28	+1.43	3.27	+1.77	0.94	0.00	0.10	−0.70	22.38	− 1.66
Alexandria	0.03	−0.50	0.09	−0.55	2.85	+1.56	0.59	−1.96	1.83	−1.39	4.66	+0.68	1.54	−1.38	2.71	+0.11	5.61	+3.42	4.11	+2.73	0.94	+0.24	0.37	−0.16	25.33	+ 2.80
Andover	0.13	.....	1.48	.....	1.66	.....	2.15	.....	0.89	.....	4.16	.....	3.17	.....	1.91	.....	4.27	.....	2.87	.....	0.97	.....	0.31	.....	23.97	.....
Arlington	0.09	−0.55	1.23	+0.70	2.05	+0.43	0.95	−1.62	2.61	+0.16	5.87	+2.45	1.80	−0.02	0.47	−2.11	4.48	+2.34	4.28	+2.89	1.38	+0.65	0.45	−0.09	25.66	+ 5.23
Armour	0.01	−0.53	0.48	−0.16	3.49	+2.32	0.64	−1.64	2.92	−0.18	6.21	+2.35	2.65	−0.08	2.11	−0.96	6.62	+4.72	5.40	+3.93	1.43	+0.76	0.45	−0.24	32.41	+10.29
Bonilla	0.14	.....	1.08	.....	2.40	.....	1.14	.....	2.26	.....	3.68	.....	2.18	.....	0.95	.....	3.56	.....	3.64	.....	0.90	.....	0.43	.....	22.36	.....
Britton	0.12	−0.39	1.29	+0.68	1.86	+1.16	1.68	−0.14	0.72	−1.87	5.10	+1.52	3.05	+0.66	0.86	−1.87	3.88	+2.00	1.72	+0.55	0.79	+0.10	0.26	−0.19	21.33	+ 2.21
Brookings	0.08	−0.32	0.62	+0.17	2.32	+1.54	0.81	−1.17	2.22	−0.57	7.09	+3.34	2.13	−0.29	0.52	−2.10	7.80	+5.29	4.53	+3.28	0.97	+0.34	0.25	−0.22	28.84	+ 9.29
Canistota	0.04	−0.64	0.39	−0.34	2.16	+0.90	0.76	−1.39	2.27	−0.60	5.91	+2.03	2.11	+0.03	5.01	+2.03	5.73	+3.30	5.20	+4.05	1.61	+0.75	0.23	−0.37	31.42	+ 9.75
Canton	0.42	−0.11	0.54	−0.02	1.93	+0.71	1.13	−1.17	3.13	−0.47	3.75	−0.67	1.17	−2.19	2.68	−0.30	7.10	+4.51	4.03	+2.49	1.45	+0.46	0.40	−0.20	27.73	+ 3.04
Castlewood	0.07	−0.43	1.09	+0.66	2.34	+1.43	0.71	−1.59	$3.03	+0.39	5.78	+1.70	3.50	+0.69	0.68	−2.21	3.28	+1.12	5.01	+3.89	1.09	+0.19	0.29	−0.10	‖26.87	+ 5.74
Centerville	0.01	−0.66	1.05	+0.22	1.93	+0.66	0.86	−1.23	5.25	+1.75	3.02	−1.00	1.69	−1.53	2.41	−0.52	2.69	0.00	3.24	+1.74	2.37	+1.44	0.15	−0.59	24.67	+ 0.28
Clark	T.	−0.72	2.65	+2.04	2.69	+1.50	0.75	−1.47	2.80	−0.04	4.12	+0.13	2.40	−0.47	1.13	−1.78	4.62	+2.35	6.10	+4.64	1.05	+0.19	0.10	−0.48	28.41	+ 5.89
Clear Lake	T.	−0.45	1.31	+0.69	1.91	+0.51	0.92	−1.55	4.37	+0.71	6.05	+1.98	4.20	+1.02	1.75	−1.79	5.86	+3.53	4.09	+2.52	1.18	+0.44	0.48	+0.04	32.12	+ 7.65
De Smet	0.42	−0.17	0 80	+0.25	3.04	+1.97	0.25	−1.93	2.65	−0.11	6.77	+2.84	3.08	+0.44	1.06	−1.44	4.47	+2.58	4.56	+3.11	1.92	+1.28	0.22	−0.86	29.24	+ 8.46
Fairfax	0.02	−0.46	0.73	+0.10	4.26	+3.26	1.17	−1.01	3.38	+0.05	4.80	+1.08	1.84	−0.97	2.19	−0.46	5.82	+4.14	6.78	+5.42	1.27	+0.74	0.42	−0.06	32.68	+11.83
Flandreau	0.23	−0.25	1.08	+0.54	1.76	+0.74	0.63	−1.68	1.77	−1.45	5.37	+1.33	4.32	+1.73	0.79	−2.14	4.97	+2.55	5.00	+3.57	1.13	+0.18	0.22	−0.36	27.27	+ 4.76
Forestburg	0.05	−0.53	0.68	+0.09	3.84	+2.73	0.82	−1.57	1.68	−1.26	3.96	+0.21	1.85	−0.76	2.18	−0.08	4.84	+3.08	5.46	+4.21	0.57	−0.10	0.46	−0.12	26.39	+ 5.90
Gannvalley	0.08	−0.51	0.48	−0.02	2.64	+1.73	0.99	−0.92	2.90	+0.04	3.85	+0.49	2.67	−0.17	1.16	−1.28	4.83	+3.34	3.40	+2.34	1.25	+0.64	0.27	−0.30	24.52	+ 5.38
Geddes	.....	.....	.....	.....	.....	.....	.....	.....	2.69	−0.67	5.24	+2.01	0.73	−0.94	2.32	−0.38	5.06	+3.38	5.21	+4.32	2.21	+1.94	0.18	−0.22	.....	.....
Gelhaus Farm	0.05	−0.59	2.76	+2.27	1.35	+0.01	0.35	−1.85	2.14	−0.40	5.95	+1.91	4.27	+1.54	1.27	−1.33	3.37	+1.59	4.16	+3.13	0.86	+0.36	0.58	+0.10	27.11	+ 6.74
Howard	0.02	−0.44	0.70	+0.16	2.46	+1.37	0.69	−1.54	0.69	−1.96	4.74	+0.98	2.51	−0.43	0.81	−1.83	4.24	+1.98	3.91	+2.50	1.04	+0.34	0.41	−0.13	22.22	+ 1.00
Huron (Airport)	0.06	−0.50	0.91	+0.37	2.67	+1.76	0.70	−1.54	1.71	−1.27	3.75	−0.04	1.43	−1.73	0.68	−1.78	3.55	+1.98	6.44	+5.16	0.92	+0.33	0.44	−0.13	23.26	+ 2.61
La Delle	T.	−0.69	1.53	+1.04	2.85	+1.80	0 93	−1.43	2.77	−0.39	8.15	+3.92	2.35	−0.64	0.98	−2.10	3.91	+1.79	5.64	+4.07	0.99	+0.18	0.63	+0.09	30.73	+ 7.74
Leola	0.05	−0.33	0.70	+0.28	1.50	+0.43	1.56	−0.55	1.62	−1.13	4.91	+2.09	5.64	+3.58	2.21	−0.72	4.35	+2.80	2.49	+1.44	1.37	+0.91	0.10	−0.30	26.50	+ 8.50
Madison	0.24	.....	1.52	.....	3.13	.....	0.82	.....	2.34	.....	6.70	.....	3.92	.....	1.17	.....	6.84	.....	5.53	.....	1.52	.....	0.45	.....	33.18	.....
Marion	0.01	−0.63	0.29	−0.68	2.78	+1.21	0.90	−1.45	4.32	+0.79	4.13	−0.32	1.40	−1.90	2.97	+0.04	6.12	+3.38	4.84	+3.18	2.01	+0.98	0.22	−0.48	29.99	+ 4.12
Mellette	0.10	−0.54	1.30	+0.62	2.10	+1.03	1.68	−0.53	2.02	−0.78	6.39	+3.01	4.10	+1.54	1.02	−1.35	4.23	+2.49	3.19	+1.90	0.88	+0.09	0.11	−0.41	27.07	+ 7.07
Menno	0.05	−0.56	0.56	−0.22	2.86	+1.63	0.60	−1.62	5.24	+1.80	6.44	+1.63	2.12	−0.93	4.05	+1.04	5.38	+3.08	4.18	+2.67	1.77	+0.88	0.29	−0.39	32.54	+ 9.01
Milbank	0.07	−0.70	0.89	+0.11	1.89	+0.51	1.26	−0.99	2.84	−0.11	5.88	+2.00	3.60	+1.01	0.86	−1.96	3.66	+1.73	5.24	+3.76	0.77	−0.18	0.51	−0.20	27.47	+ 4.98
Miller	0.17	−0.24	0.51	+0.10	2.02	+1.17	1.86	0.00	2.20	−0.50	5.72	+2.55	1.53	−0.71	0.44	−1.72	5.00	+3.68	3.48	+2.45	0.89	+0.37	0.21	−0.19	24.03	+ 6.96
Mitchell	0.05	−0.48	0.71	+0.05	3.05	+1.81	1.47	−1.04	2.00	−1.14	4.76	+0.79	1.89	−1.19	3.34	+0.81	4.89	+2.73	3.53	+2.11	1.12	+0.45	0.33	−0.18	27.14	+ 4.72

Climatological Data for the Year 1947

Stations	Counties	Elevation, feet	Temperature (degrees Fahrenheit)						Precipitation (inches)						Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for the year	Greatest monthly	Month	Least monthly	Month	Total snowfall	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Western Division Continued																				
Cottonwood 2.5 e.	Jackson	2,414	39	47.4	110	Aug. 9	−28	Feb. 1	38	12.97	4.40	June	0.02	Dec.	50.9	80	79	233	53	nw.
Custer	Custer	5,322	5	41.0	96	July 28	−24	Mar. 1	36	24.80	8.18	"	T.	Feb.	.....	87	142	110	118	w.
Deadwood	Lawrence	4,550	5	44.0	102	" 28	−14	Feb. 7	20	26.44	10.44	"	0.28	Dec.	98.7	118	126	146	98	nw.
Deerfield 3 w	Pennington	5,925	.....	.....	.....	.....	.....	.....	37	20.06	7.68	"	0.12	"	.....	91	191	134	40	nw.
Dumont 0.8 se	Lawrence	6,195	.....	.....	.....	.....	.....	.....	39	25.10	8.89	"	0.19	"	.....	122	159	99	107	w.
Dupree 4.5 nne	Ziebach	2,353	26	45.8	110	Aug. 4†	−25	Feb. 1	26	16.79	4.19	"	T.	"	39.6	65	131	151	83	nw.
Faith	Meade	2,600	28	46.9	115	" 21	−22	" 1	24	18.85	7.26	"	0.04	"	.....	87	132	117	116	nw.
Hardy Ranger Sta‡	Lawrence	6,510	.....	.....	.....	.....	.....	.....	38	21.31	6.47	"	0.36	"	112.1	125	149	104	112	nw.
Harveys Ranch	....do	6,284	.....	.....	.....	.....	.....	.....	39	.....	8.61	"	.....	.....	.....	.....	.....	.....	.....	.....
Hermosa	Custer	3,300	.....	.....	.....	.....	.....	.....	38	.....	8.54	"	T.	Feb.	.....	.....	.....	.....	.....	.....
Hilland	Haakon	2,660	39	46.3	109	Aug. 9	−24	Feb. 1	38	14.92	6.04	"	0.02	Dec.	37.5	71	132	156	77	nw.
Hot Springs	Fall River	3,551	42	47.5	106	July 28	−16	" 1	44	21.33	9.44	"	0.05	Feb.	33.7	81	207	89	69	nw.
Lead	Lawrence	5,245	39	43.8	97	" 28	−17	" 7	39	24.79	9.15	"	0.19	Dec.	85.8	115	111	113	141	nw.
Lemmon	Perkins	2,596	36	42.2	105	Aug. 9	−27	" 1	36	18.80	10.77	"	0.18	Feb.	.....	76	76	144	145	nw.
Longvalley	Washabaugh	2,467	20	.....	111	" 9	−21	" 1	20	14.69	5.40	"	0.15	Dec.	.....	53	245	69	51	nw.
Ludlow 2.5 nw	Harding	3,200	24	42.2	102	July 28	−28	" 28	24	12.74	6.68	"	0.12	Feb.	23.5	57	201	86	78	nw.
Martin	Bennett	3,331	11	46.6	106	" 28	−15	Jan. 3	14	14.11	6.57	"	0.22	Mar.	42.7	71	206	82	77	sw.
Newell 2.5 nw	Butte	2,816	27	45.1	108	Aug. 9	−20	Feb. 1	27	15.04	6.26	"	0.11	Dec.	39.7	95	.....	.....	.....	.....
Oelrichs	Fall River	3,342	51	47.9	106	July 28	−18	Jan. 3	58	21.52	8.12	"	0.10	Mar.	20.5	51	307	28	30	w.
Orman	Butte	2,933	41	47.0	103	" 28	−20	Feb. 1	42	14.55	6.68	"	0.06	Dec.	29.5	89	166	124	75	nw.
Philip 3.5 e.	Haakon	2,204	6	.....	112	Aug. 9	.....	.....	6	.....	4.03	"	0.05	"	.....	.....	.....	.....	.....	nw.
Pine Ridge	Shannon	3,200	29	47.7	107	July 28	−21	Feb. 1	29	22.52	10.90	"	T.	Feb.	40.5	56	183	112	70	n.
Ralph	Harding	2,800	36	40.9	103	Aug. 9†	−28	Jan. 3	37	11.95	5.80	"	0.07	"	.....	73	106	146	113	nw.
Rapid City Airp't, 8 ne	Pennington	3,215	60	46.2	106	" 9	−15	Feb. 1	60	13.20	5.68	"	0.15	Dec.	80.1	94	103	116	146	nw.
Redig 9 ne	Harding	2,800	33	43.3	103	" 9†	−26	Jan. 3	33	12.74	5.34	"	0.10	"	33.9	80	194	81	90	nw.
Rochford	Pennington	5,299	.....	.....	.....	.....	.....	.....	43	16.85	6.07	"	0.01	"	55.0	66	161	166	38	w.
Spearfish Airport 4.5 e.	Lawrence	3,909	51	.....	103	Aug. 10	−28	Feb. 7	58	.....	10.75	"	0.14	July	.....	.....	.....	.....	.....	.....
Spearfish 8 mi. w	Lawrence	.....	.....	.....	.....	.....	.....	.....	38	16.51	6.70	"	T.	Dec.	60.7	58	196	17	152	n.
Vale	Butte	2,773	40	46.5	104	Aug. 9	−23	Feb. 24	40	15.90	8.54	"	0.00	July	21.0	61	220	74	71	nw.
For the Division	.....	.....	.....	**45.5**	**115**	**Aug. 21**	**−31**	**Jan. 3**	....	**17.61**	**10.90**	**June**	**0.00**	**July**	**43.9**	**80**	**163**	**117**	**85**	**nw.**
For the State	.....	.....	.....	**45.7**	**115**	**Aug. 9†**	**−31**	**Jan. 3**	....	**18.19**	**10.90**	**June**	**0.00**	**Feb.‡**	**43.5**	**79**	**147**	**121**	**97**	**nw.**

Notes explanatory of symbols used in this table are printed on page 78.

MONTHLY AND ANNUAL PRECIPITATION FOR THE YEAR 1947, WITH DEPARTURES FROM THE NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Eastern Division																										
Aberdeen	0.39	−0.41	0.12	−0.69	0.27	−1.25	2.79	−0.06	0.91	−2.16	5.73	+1.63	4.09	+1.13	0.06	−2.75	1.00	−0.91	2.03	+0.53	2.07	+1.16	0.06	−0.69	19.52	−4.46
Alexandria	0.35	−0.18	0.13	−0.51	0.40	−0.88	2.47	−0.16	1.96	−1.28	5.65	+1.68	0.39	−2.50	1.16	−1.46	2.55	+0.39	2.65	+1.25	2.51	+1.83	0.42	−0.09	20.64	−1.96
Andover	0.08	.....	0.24	.....	0.62	.....	4.22	.....	1.40	.....	5.62	.....	3.39	.....	0.71	.....	1.37	.....	1.85	.....	2.69	.....	0.14	.....	22.33	.....
Arlington	0.41	−0.25	0.27	−0.29	0.67	−0.87	4.05	+1.56	2.82	+0.27	4.07	+0.45	0.75	−1.18	2.49	−0.22	3.74	+1.65	2.44	+1.15	3.32	+2.55	0.24	−0.31	25.27	+4.51
Armour	0.30	−0.24	0.20	−0.44	0.30	−0.85	2.45	+0.12	2.58	−0.56	6.89	+2.92	0.85	−1.39	1.16	−0.89	2.64	+0.76	2.79	+1.94	2.56	+1.90	0.31	−0.34	23.03	+2.33
Bonilla	0.33	.....	0.25	.....	0.66	.....	3.51	.....	0.63	.....	4.88	.....	0.22	.....	1.26	.....	1.84	.....	1.97	.....	2.96	.....	0.10	.....	18.61	.....
Britton	0.10	−0.40	0.24	−0.39	0.41	−0.32	2.69	+0.83	1.19	−1.48	4.62	+0.77	2.65	+0.30	0.55	−2.32	2.52	+0.55	0.89	−0.30	1.71	+1.01	0.13	−0.30	17.70	−2.05
Brookings	0.40	−0.02	0.15	−0.30	0.86	+0.05	3.39	+1.89	1.22	−1.69	4.80	+0.95	0.73	−1.70	1.12	−1.56	3.27	+1.25	1.72	+0.44	2.40	+1.77	0.38	−0.18	20.39	+0.45
Canistota	0.59	−0.10	0.39	−0.40	1.16	−0.11	2.51	+0.33	1.10	−1.86	6.10	+2.08	0.45	−1.79	1.41	−1.80	2.15	−0.20	2.69	+1.60	2.50	+1.64	0.32	−0.28	21.37	−0.89
Canton	0.82	+0.27	0.26	−0.35	0.30	−0.92	2.86	+0.58	1.93	−1.68	5.45	+0.86	0.71	−2.65	1.26	−1.78	1.86	−0.70	2.90	+1.41	2.28	+1.31	0.66	+0.05	21.29	−3.60
Castlewood	0.39	−0.11	0.23	−0.19	0.83	−0.09	3.83	+1.58	1.14	−1.50	6.28	+2.23	0.73	−2.03	1.56	−1.37	.....	.....	1.96	+0.79	3.14	+2.29	0.04	−0.34	.....	.....
Centerville‡	0.69	+0.02	0.28	−0.56	0.62	−0.65	2.23	+0.07	1.63	−1.97	7.96	+3.69	0.95	−2.26	8.22	+0.26	1.16	−1.49	3.33	+1.86	2.17	+1.26	0.04	−0.68	24.28	−0.45
Clark	.....	.....	.....	.....	.....	.....	3.04	+0.83	0.65	−2.30	3.51	−0.48	0.98	−1.89	0.86	−2.17	2.64	+0.32	2.00	+0.64	.....	.....	0.03	−0.52	.....	.....
Clear Lake	0.64	+0.17	0.25	−0.37	1.03	−0.30	4.81	+2.39	1.33	−2.30	6.59	+2.47	0.32	−2.92	2.11	−1.41	3.31	+1.02	1.84	+0.37	3.07	+2.33	0.12	−0.34	25.42	+1.11
De Smet	1.06	+0.47	0.34	−0.21	0.11	−0.98	4.48	+2.28	1.29	−1.58	6.37	+2.35	0.58	−2.11	0.73	−1.82	2.73	+0.82	3.82	+2.29	4.32	+3.71	0.42	−0.12	26.25	+5.10
Fairfax	0.69	+0.19	0.03	−0.62	0.66	−0.38	2.90	+0.59	1.90	−1.51	8.29	+4.43	.....	.....	.....	.....	2.30	+0.03	1.95	+0.59	3.37	+2.85	0.45	0.00	.....	.....
Flandreau	0.39	−0.11	0.25	−0.31	0.89	−0.16	3.26	+0.95	2.15	−1.26	6.56	+2.43	0.94	−1.76	2.67	−0.28	3.16	+0.76	2.51	+1.08	1.81	+0.86	0.12	−0.45	24.71	+1.75
Forestburg	0.62	+0.03	0.10	−0.48	0.94	−0.17	4.09	+1.66	1.08	−1.99	6.50	+2.73	0.42	−2.31	0.35	−1.93	3.16	+1.43	1.72	+0.43	4.45	+3.81	0.28	−0.28	23.71	+2.93
Gannvalley	0.44	−0.13	0.21	−0.28	0.34	−0.65	2.41	+0.50	0.28	−2.62	7.24	+3.76	0.52	−2.28	0.74	−1.88	0.86	−0.65	1.77	+0.66	1.10	+0.50	0.03	−0.50	15.94	−3.57
Geddes	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.03	+4.38	1.43	−0.55	0.89	−2.20	1.54	−0.06	.....	.....	.....	.....	.....	.....	.....	.....
Gelhaus Farm	0.06	−0.53	0.30	−0.17	0.39	−0.97	2.71	+0.51	0.94	−1.85	5.05	+0.92	1.54	−1.22	0.85	−1.76	2.51	+0.59	2.97	+1.99	2.03	+1.45	0.31	−0.18	19.66	−1.17
Howard	0.24	−0.23	0.13	−0.41	0.68	−0.43	4.39	+2.09	0.61	−2.24	6.44	+2.61	1.48	−1.56	0.79	−1.92	3.01	+0.77	3.19	+1.76	2.70	+2.02	0.02	−0.50	23.68	+1.96
Huron (Airport)	0.57	+0.01	0.36	−0.18	1.26	+0.35	2.75	+0.51	0.75	−2.23	4.74	+0.95	1.09	−2.07	0.88	−1.63	2.21	+0.04	1.52	+0.24	3.01	+2.42	0.06	−0.51	19.15	−1.50
La Delle	0.14	−0.44	0.18	−0.30	0.49	−0.56	3.44	+1.12	0.99	−2.22	5.10	+0.84	0.98	−2.09	0.75	−2.32	2.52	+0.38	2.19	+0.65	2.43	+1.65	0.06	−0.45	19.27	−3.74
Leola	0.31	−0.10	0.04	−0.36	0.14	−0.89	2.23	+0.21	0.29	−2.30	4.15	+0.89	3.69	+1.53	0.78	−2.13	0.56	−1.05	2.75	+1.76	1.84	+1.35	0.14	−0.21	16.92	−1.30
Madison	0.94	.....	0.59	.....	1.37	.....	3.67	.....	1.83	.....	5.73	.....	1.21	.....	1.61	.....	2.70	.....	1.96	.....	3.20	.....	0.27	.....	25.08	.....
Marion	0.99	+0.37	0.24	−0.75	0.73	−0.81	1.80	−0.55	1.99	−1.66	7.05	+2.53	0.58	−2.76	1.93	−1.13	0.67	−2.02	2.67	+1.04	2.79	+1.82	0.76	+0.10	22.20	−3.82
Mellette	0.16	−0.48	0.18	−0.47	0.33	−0.77	3.24	+1.03	0.91	−1.93	4.16	+0.66	1.22	−1.30	0.81	−1.60	1.86	+0.10	1.98	+0.69	1.95	+1.21	0.15	−0.34	16.95	−3.20
Menno	0.89	+0.27	0.49	−0.32	1.03	−0.20	2.64	+0.39	1.49	−2.06	8.80	+4.82	0.50	−2.51	1.11	−1.93	1.12	−1.14	3.35	+1.87	2.42	+1.57	0.46	−0.19	24.30	−0.57
Milbank	0.28	−0.48	0.28	−0.46	0.88	−0.48	4.61	+2.36	1.14	−1.88	3.71	−0.24	1.05	−1.57	1.99	−0.82	2.10	+0.12	1.96	+0.49	2.78	+1.86	T.	−0.69	20.78	−1.79
Miller	0.58	+0.14	0.30	−0.11	0.67	−0.20	2.69	+0.76	0.80	−2.04	6.61	+3.26	0.21	−2.08	1.26	−0.94	1.23	−0.11	2.89	+1.78	2.56	+2.03	0.07	−0.31	19.87	+2.18
Mitchell	0.27	−0.26	0.04	−0.62	0.37	−0.87	2.98	+0.48	1.56	−1.65	6.27	+2.24	0.24	−2.82	0.85	−1.75	2.31	+0.19	1.81	+0.33	2.71	+2.04	0.41	−0.08	19.82	−2.77

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure
Aberdeen	.18	- .62	.63	- .18	.39	-1.13	.66	-2.18	.28	-2.79	4.88	.78	3.37	.41	2.55	- .28	.95	- .98	1.30	- .20	.21	- .70	.06	- .69	15.46	- 8.52
Academy	.27	- .19	.35	- .26	.52	- .61	2.55	.11	1.87	-1.19	5.82	1.92	2.61	.02	1.05	-1.61	1.08	- .46	1.17	- .19	.71	.13	.45	- .12	18.45	- 2.45
Alexandria	.08	- .45	.93	- .29	.18	-1.10	2.58	- .05	1.79	-1.45	7.27	3.25	5.71	2.82	1.32	-1.30	1.27	- .89	1.87	.47	.97	.29	.04	- .47	24.01	1.41
Alcester	.02		.86		-		-		.98		4.10		3.61		3.34		.76		-		-		-			
Andover 7 N	.17		.49		.68		1.74		.37		5.86		2.63		1.02		1.21		1.00		.51		.16		15.84	
Augustura Dam	.03		.69		.61		1.57		1.56		3.25		2.75		2.69		.49		1.24		.26		.42		15.58	
Ardmore 4 NNE	-		-		-		-		-		-		-		-		1.02	- .04	1.52	.43	.76	.31	.60	.17		
Arlington	.30	- .36	1.47	.81	.73	- .81	3.66	1.17	2.04	- .51	4.54	.92	4.20	2.27	1.13	-1.56	1.96	- .13	1.62	.33	.70	- .07	.04	- .51	22.39	1.63
Armour	.19	- .35	.46	- .18	.21	- .94	2.34	.01	1.10	-2.04	6.16	2.19	3.67	1.43	1.31	-1.74	1.08	- .80	1.50	.05	1.40	.74	.36	- .29	19.78	- 1.92
Belle Fourche 3 NE	.37	.00	.37	.10	.10	- .66	2.67	.98	1.07	-1.15	4.44	1.60	1.96	.23	1.36	.03	.66	- .66	.33	- .50	1.47	.98	.03	- .36	14.83	.59
Belvidere	.28	- .26	.30	- .18	.60	- .73	3.58	1.51	4.65	1.77	9.30	6.32	2.96	1.36	1.64	- .24	T	-1.08	.88	- .28	.51	- .03	.33	- .13	24.93	8.05
Bison	.62	.11	.54	.10	T	- .90	1.29	.04	1.37	- .97	-		-		1.53	- .07	.39	- .79	-		-		-			
Bonilla 4 SSW	.30		.82		.40		2.19		1.17		4.16		4.33		3.55		.94		1.58		.21		.17		19.82	
Bowdle	.34	- .14	.79	.30	.86	- .19	5.54	3.76	.42	-2.23	5.77	1.89	3.23	.81	1.57	- .86	.88	- .54	1.02	- .08	.47	.02	.12	- .26	21.01	2.48
Bridgewater	-		-		.14		2.36		2.13		10.07		5.78		.81		1.31		-		2.74		.17			
Britton	.13	- .37	.47	- .16	.73	.00	1.95	.09	1.17	-1.50	5.74	1.89	4.46	2.11	2.98	.11	1.24	- .73	.74	- .45	.30	- .40	.04	- .39	19.95	.20
Brookings	.01	- .41	1.16	.71	.21	- .60	1.79	- .21	2.06	- .85	4.72	.87	3.45	1.00	2.43	- .25	.63	-1.39	1.55	.27	.56	- .07	.02	- .44	18.57	- 1.37
Buffalo	.59		.35		.10		2.16		3.01		2.90		4.19		1.46		.58		.14		1.01		.23		16.72	
Buskala Ranch	1.29	- .21	.60	- .56	.17	-1.69	2.62	- .31	1.90	-1.64	6.02	1.86	4.26	1.18	1.87	- .18	.95	- .52	.80	- .54	2.40	1.27	.28	- .75	23.16	- 2.09
Camp Crook	.23	- .27	.48	.09	.03	- .91	2.23	1.10	3.76	1.52	2.50	- .50	2.13	.26	2.40	1.04	.62	- .45	.08	- .57	.84	.43	.25	- .08	15.55	- 4.34
Canistota 3 N	.40	- .29	1.45	.66	.32	- .95	3.29	1.11	1.75	-1.21	6.90	2.88	9.94	7.70	1.12	-2.09	1.14	-1.21	1.75	.66	1.39	.53	.24	- .36	29.69	7.43
Canton	.11	- .44	1.28	.65	.61	- .61	2.67	.39	1.90	-1.71	3.36	-1.23	3.50	.14	2.01	-1.03	1.32	-1.24	1.70	.21	2.82	1.85	.39	- .22	21.65	- 3.24
Carpenter	.32		.58		.22		3.62		.93		5.99		1.62		4.02		2.56		1.51		.32		.10		21.79	
Castle Rock 12 NNW	.36		.53		.30		3.64		2.27		3.97		2.01		2.40		.52		.30		1.22		.10		17.62	
Castlewood	T	- .50	1.17	.75	.33	- .59	4.58	2.33	-		8.01	3.96	5.43	2.67	-		3.83	1.64	1.54	.37	.41	- .44	.11	- .27		
Centerville	.10	- .57	1.17	.33	-		-		-		3.76	- .51	3.50	.29	1.75	-1.21	1.58	-1.07	2.01	.54	1.34	.43	.31	- .41		
Chamberlain	.28		.38		.12		2.07		1.51		6.21		3.79		1.43		1.89		1.06		.04		.52		19.30	
Cheyenne Agency	.44		.88		.73		3.33		1.22		4.49		2.20		1.24		.31		1.31		.85		.34		17.34	
Clark	.24	- .47	.55	- .05	.05	-1.15	3.15	.94	.46	-2.49	6.41	2.42	4.85	1.98	5.51	2.48	2.55	.23	1.28	- .18	.18	- .66	.06	- .49	25.29	2.56
Clear Lake	.07	- .40	1.84	1.32	.45	- .88	2.99	.57	.74	-2.89	5.14	1.02	5.94	2.70	5.43	1.91	2.68	.39	1.06	- .39	1.34	.60	.13	- .33	27.93	3.62
Cottonwood 3 E	.18	- .19	.24	- .07	.45	- .20	2.97	1.12	2.97	.32	5.10	2.44	1.60	- .40	1.17	- .43	.04	- .97	.93	.06	.33	- .09	1.08	.75	17.06	2.34
Custer	.11	- .34	.78	.33	.73	- .15	1.95	- .11	1.13	-1.73	2.99	.12	2.38	- .48	1.64	- .60	.61	- .68	.88	- .32	.39	- .09	1.08	.72	14.67	- 3.53
Custer 8 SW																					.49		.30			
Deadwood	2.01	.71	1.40	.37	.44	-1.83	3.77	.23	2.13	-2.15	6.29	2.20	3.80	.28	.98	-1.33	.97	-1.29	1.39	- .57	4.70	3.20	.63	- .76	28.51	- .94
Deerfield Dam	.58	.00	.55	.17	.17	- .65	1.75	- .09	1.49	-1.10	4.53	1.22	3.45	.56	2.53	.40	1.06	- .30	.48	- .61	1.14	.62	.23	- .15	17.96	.07
De Smet	.20	- .39	.73	.18	.70	- .39	3.71	1.51	1.34	-1.53	6.10	2.08	3.43	.74	1.98	- .57	2.37	.46	1.53	.00	.78	.17	.18	- .36	23.05	1.90
Dewey																					.68		.21			
Dewey 9 NE																					.65		.12			
Dixon	.12		.14		.23		1.98		1.40		5.02		5.56		.91		1.40		.83		.62		.16		18.41	
Dumont	2.64	1.25	1.14	.11	.35	-1.34	2.87	.42	1.71	- .98	5.84	2.60	4.39	1.68	2.34	.41	.46	-1.00	.83	- .43	4.12	3.09	.68	- .36	27.47	.5.43
Dupree 5 NNE	.31	- .39	.94	.38	.63	- .39	3.01	1.39	2.62	.79	2.63	-1.09	5.20	3.41	1.08	- .42	.06	- .91	1.48	.68	2.26	1.56	.35	- .14	20.57	4.87
Edgemont	.17		.68		.33		1.82		1.13		2.15		1.91		1.48		.68		1.05		.77		.34		12.51	
Edgemont 10 N																					.53		.28			
Eureka	.13	- .18	.73	.32	.42	- .17	2.49	1.02	.40	-1.90	3.72	.36	2.85	.57	2.33	.16	.65	- .62	1.12	.20	.23	- .22	.10	- .22	15.17	- .88
Fairfax	.60	.10	.45	- .20	.79	- .25	2.42	.11	1.07	-2.34	6.02	2.16	2.68	- .07	1.59	-1.24	1.95	.28	1.15	- .21	1.78	1.26	.80	.35	21.30	- .05
Faith	.40	- .04	.50	.00	.22	- .88	2.37	.72	2.11	- .45	3.53	.28	3.96	2.01	-		-		1.09	- .22	1.40	.96	.24	- .02		
Faulkton 6 S	.20	- .28	.90	.34	.48	- .67	1.77	- .58	.88	-2.29	6.36	2.84	3.98	1.77	1.59	- .70	.64	- .81	1.41	.26	.41	- .23	.17	- .22	18.59	- .47
Flandreau 4 SW	.12	- .37	1.60	1.04	.24	- .61	3.78	1.47	2.96	- .45	4.80	.67	6.30	3.60	2.14	- .81	3.78	1.38	2.04	.61	.97	.02	.02	- .55	28.76	5.80
Forestburg 3 NE	.18	- .41	.92	.34	.49	- .82	4.48	2.05	2.13	- .94	5.96	2.19	5.49	2.76	2.50	.31	1.19	- .54	1.31	.02	.83	.19	.21	- .35	25.78	8.00
Gannvalley	T	- .57	.36	- .13	.35	- .64	2.34	.43	1.55	-1.35	3.48	.00	5.11	2.31	3.42	.80	2.22	.71	1.22	.11	.08	- .52	.26	- .27	20.39	.68
Geddes	-		-		-		3.19	.99	.89	-2.43	5.83	2.16	1.23	- .75	1.43	-1.66	-		-		-		-			
Gelhaus Farm	.11	- .48	1.07	.60	.54	- .82	2.47	.27	.41	-2.38	6.67	2.54	3.42	.66	3.38	.77	1.79	- .13	1.45	.47	.55	- .03	.09	- .35	21.95	1.12
Gettysburg	.25	- .11	.38	- .05	.60	- .38	3.29	1.72	.45	-1.71	4.95	1.59	5.34	3.39	2.24	.90	.96	- .18	.97	.38	.57	.18	.08	- .22	20.06	5.51
Gleuham	.32	- .07	.57	.17	.41	- .31	3.23	2.10	.56	-1.48	3.14	.04	2.71	.85	1.54	- .33	.29	- .91	1.17	.41	.85	.42	.16	- .08	14.97	.81
Gregory	.40	- .07	.36	- .13	.63	- .27	2.03	- .35	1.67	-1.52	5.47	1.83	2.05	- .14	1.13	-1.17	2.44	.98	1.02	- .42	.94	.36	.52	.19	18.86	- .71
Hardy Ranger Sta	1.85	.40	.79	- .25	.60	- .86	2.58	.46	.91	-1.42	4.95	2.10	3.04	1.09	1.16	- .72	1.85	.39	.52	- .66	2.15	1.21	.10	-1.01	20.50	.53
Hartley	.36		.26		.43		-		-																	
Hermosa	.50	.11	.06	- .28	.18	- .79	1.39	- .47	2.32	-1.19	4.73	1.14	2.22	.22	.38	- .65	.00									
Highmore 1 W	.12	- .28	.63	.26	.41	- .66	2.23	.37	1.19	-1.41	5.06	1.75	.73	-1.62	3.09	1.03	.62	- .77	.71	- .37	.16	- .34	.10	- .26	15.05	- 2.30
Hilland 4 W	.39	- .07	.30	- .11	.26	- .51	2.05	.33	2.41	- .44	4.71	1.43	2.32	.14	1.63	- .28	.09	-1.09	1.40	.46	1.12	.61	.22	- .18	16.90	.31
Hot Springs	.04	- .60	.62	.12	.31	- .79	2.20	.14	1.94	-1.04	4.83	1.91	2.16	- .13	3.51	1.60	.30	-1.01	1.43	.18	.24	- .34	.37	- .16	17.95	- .12
Hot Springs 7 W																					.45		.55			
Hot Springs 9 SW																					.38		.12			
Howard	.09	- .88	.95	.41	.34	- .77	3.72	1.42	3.61	.76	5.20	1.37	3.87	.63	1.19	-1.52	1.79	- .45	1.74	.31	1.05	.37	.07	- .45	23.32	1.60
Huron WB Airport 2 NW	.28	- .28	.68	.12	.42	- .49	3.10	.86	1.26	-1.72	6.20	2.41	1.69	-1.47	2.48	.02	2.84	1.27	1.03	- .25	.24	- .35	.17	- .40	20.39	- .26
Interior	.13		.52		.75		2.88		2.26		6.92		1.50		1.96		.01		1.00		.99		.45		19.39	
Ipswich	-		-		-		2.47	.50	.39	-2.61	4.94	1.45	2.86	2.49	3.24	.74	.88	- .68	1.13	.04	.16	- .33				
Isabel	.35		.42		.06		3.00		2.29		2.42		-		1.02		-		1.52		1.87		.17			
Kennebec	.17	- .39	.31	- .22	.22	- .71	1.04	- .89	2.51	- .04	4.55	1.42	2.94	.82	1.89	- .09	1.94	.76	.52	--.53	.54	.05	.34	- .15	16.97	.03
La Creek Natl Wild L	-		-		.36		2.12		3.31		5.04		1.69		3.54		.62		.90		.89		.28			
La Delle 7 NE	.27	- .31	.82	.34	.26	- .79	3.58	1.26	.99	-2.22	5.95	1.69	3.13	.06	3.75	.68	1.38	- .76	1.75	.21	.15	- .63	.09	- .42	22.12	- .89
Lead	1.59	.84	1.00	.15	.52	-1.13	2.84	- .13	1.49	-2.12	5.68	1.69	2.74	.12	2.04	.14	.69	- .85	1.15	- .43	4.18	3.12	.57	- .40	24.69	.90
Lemmon	.50	- .05	.50	- .03	.11	- .75	1.69	- .44	1.08	-1.07	5.07	1.40	1.82	- .12	.92	- .53	.26	-1.02	.70	- .06	1.47	.94	.23	- .18	14.35	- .79
Leola	.23	- .18	.65	.45	.71	- .32	1.58	- .44	.69	-1.90	4.47	1.21	4.59	2.43	1.55	-1.36	.97	- .64	1.10	.11	.27	- .22	.11	- .24	17.12	- 1.10
Longvalley	.35	- .05	.92	.56	1.07	- .19	2.75	.74	3.07	- .29	6.76	4.12	1.87	- .03	3.53	2.02	T	- .93	1.11	- .15	1.72	1.27	.25	.01	23.40	7.66
Ludlow #3 NW	.56	.26	.44	.26	.03	- .46	1.37	.25	1.92	- .04	3.05	- .78	3.49	1.41	.95	- .38	.18	- .85	.32	- .34	1.00	.62	.29	.03	13.62	- .02
Madison	.19		1.90		.27		3.32		2.62		5.62		7.04		1.02		2.29		1.83		1.75		.11		27.96	
Marion	.19	- .43	1.26	.27	.22	-1.32	2.98	.63	2.68	- .97	7.59	3.07	7.19	3.85	1.01	-2.05	1.29	-1.40	1.92	.29	1.11	.14	.11	- .55	27.55	1.53
Martin	.12	- .33	.06	- .40	.35	- .49	2.53	.48	2.20	- .54	4.52	1.37	1.99	- .19	2.22	.51	1.64	.71	1.24	.10	.46	.06	.30	.11	17.63	1.39
Mc Intosh	.42	.03	.37	- .07	.28	- .50	2.29	.65	2.47	.41	3.66	.12	3.83	2.10	1.13	- .51	.27	-1.14	1.30	.47	1.43	1.03	.32	- .05	17.97	2.74
Mc Laughlin	.63	.19	.39	- .15	.20	- .56	2.81	1.36	1.49	- .57	2.88	- .85	2.16	.16	.43	-1.37	.04	-1.41	2.07	1.21	.33	- .26	.30	- .02	13.73	- 2.05
Meadow	.43		.40		.17		1.97		2.09		4.22		5.91		-		-		-		1.74		-			
Mellette	.36	- .26	.78	.13	.49	- .61	1.55	- .88	.81	-2.03	5.39	1.69	1.62	- .70	1.29	-1.12	.99	- .77	1.77	.46	.20	- .54	.17	- .33	15.64	- 4.51
Menno	.15	- .47	.93	.12	.34	- .69	2.09	- .16	1.53	-2.02	7.20	3.22	4.55	1.54	2.14	- .90	1.46	- .80	1.74	.26	1.81	.96	.40	- .25	24.34	.61
Midland	.34	- .09	.39	- .10	.52	- .26	2.45	.80	3.99	1.21	5.99	3.39	2.14	.46	2.09	.22	.04	- .93	.69	- .28	1.09	.55	.30	- .11	20.03	4.86
Milbank	.14	- .62	.99	.25	.51	- .85	3.28	1.03	.82	-2.20	5.88	1.93	2.98	.36	3.01	.20	3.14	1.16	.64	- .63	.39	- .53	.08	- .61	22.06	- .51
Milesville	-		-		-		-		-				1.53		.62		.09		-		-		.31			
Miller	.21	- .23	.46	- .05	.30	- .57	2.31	.38	.97	-1.87	3.84	- .49	4.51	2.32	2.32	- .12	.35	- .99	.82	- .29	.09	- .44	.07	- .31	16.35	- 1.34
Mitchell	.13	- .40	.46	- .18	.15	-1.09	3.15	.65	2.76	- .43	6.80	2.77	4.25	1.19	1.41	-1.18	1.11	-1.01	1.59	.11	1.54	.87	.42	- .07	23.81	1.22
Mobridge	.25	- .25	.58	- .00	.21	- .74	2.86	1.31	1.29	-1.16	3.22	- .06	1.78	- .30	2.16	.10	.09	-1.03	1.45	.50	1.03	.63	.14	- .19	15.06	- 1.19
Moonville	.33		.32		.70		2.51		3.14		4.09		4.38		2.18		.14		1.73		.76		.15		20.43	
Mud Butte	.36		-		-		-		-		-		-		-		-				-		-			
Murdo No 1	.16	- .54	.27	- .37	.33	- .78	2.36	.18	4.50	1.73	8.97	4.06	2.04	- .08	2.98	1.18	.55	- .72	.49	- .86	.42	- .16	.83	.32	21.90	3.98
Murdo No 2	.27		.27		.51		2.25		4.16		6.83		2.38		3.21		.53		.76		.61		.37		21.95	
Newell 3 NW	.38	- .07	.56	.25	.14	- .66	3.06	1.34	1.31	-1.34	3.69	.45	3.32	-1.10	1.36	- .08	.33	- .89	.24	- .80	1.60	.96	.23	- .12	16.22	- 2.06
Oelrichs	T	- .71	.39	- .29	.40	- .86	2.60	.42	3.33	.27	2.97	- .24	3.18	.89	1.01	- .40	.56	- .61	1.49	.28	.73	.05	.44	- .20	17.10	- 1.42
Oelrichs 8 W																					.49		.18			
Oglala	.19		.33		.45		2.36		1.53		3.38		2.44		1.50		.80		.92		.17		.07		14.14	
Onaka	.12		.65		.49		3.04		.48		3.85		3.44		1.50		.80		.92		.17		.07		15.53	
Onida	-		-		-		-		-		-		1.56	- .72	.75	-1.16	.87	- .15	.68	- .24	.44	.11	.10	- .13		
Orman	.17	- .27	.46	.19	.09	- .66	2.72	1.04	1.50	-1.07	4.99	2.05	2.71	.74	.66	- .67	.44	- .88	.24	- .66	1.45	.96	.23	- .17	15.66	.60
Parkston 5 E	.12	- .58	.66	- .11	.28	-1.07	1.35	-1.10	1.60	-1.22	7.38	4.78	4.84	2.26	2.22	- .50	1.87	- .41	1.67	.37	1.79	1.18	.09	- .49	23.65	3.11
Parmelee	.12		.29		.45		1.48		2.09		5.53		.91		2.56		2.02		.56		1.19		.45		17.65	
Philip AP CAA 4 E	.36		.31		.66		3.24		3.16		8.61		2.25		.86		T		.88		.36		.14		17.84	
Pickstown	.20		.24		.29		1.71		.76		5.60		1.63		1.17		1.00		.99		.48		.42		14.39	

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure
Aberdeen AP CAA 2 E	0.55	-1.00	0.18	-0.65	0.99	- .53	0.36	-2.48	6.36	3.29	0.93	-3.17	4.08	1.12	1.25	-1.56	2.00	.09	2.71	1.21	0.08	- .83	0.82	.07	20.29	-4.44
Academy	1.66	1.20	T	- .61	2.21	1.08	1.73	- .71	2.70	- .36	1.26	-2.64	3.55	.96	3.11	.45	2.82	1.28	2.75	1.39	0.42	- .16	1.50	.93	23.71	2.81
Alcester	1.55		0.04		3.53		0.88		4.16		3.93		2.74		-		3.04		-		0.13		0.57		-	
Alexandria	0.98	.45	0.06	- .58	2.74	1.46	0.27	-2.36	2.15	-1.09	2.24	-1.78	0.44	-2.45	3.37	.75	1.95	- .21	0.90	- .50	0.58	- .10	0.58	.07	16.26	-8.34
Andover 7 N	0.36		0.10		1.18		0.24		3.44		1.56		4.95		0.22		1.91		1.69		0.61		1.25		17.51	
Angostura Dam	1.58		T		0.41		-		4.61		-		1.81		0.87		0.89		0.79		0.01		0.52		-	
Ardmore 4 NNE	2.05	1.66	0.10	- .32	-		1.80	- .29	3.19	.24	1.62	-1.10	1.74	- .28	1.27	- .34	1.49	.43	1.19	.10	0.00	- .45	0.52	.09	-	
Arlington	0.65	- .01	0.04	- .52	1.83	.29	0.78	-1.71	3.44	.89	2.50	-1.12	-		0.54	-2.17	4.35	2.26	2.11	.82	0.92	.15	0.76	.21	-	
Armour	1.47	.93	0.04	- .60	3.70	2.55	0.83	-1.50	2.13	-1.01	1.75	-2.22	1.68	- .56	5.10	2.05	1.48	- .40	1.72	.27	0.39	- .27	0.82	.17	21.11	- .59
Belle Fourche 2 NE	0.48	.28	0.11	- .16	0.58	- .18	1.70	.01	1.55	- .67	1.46	-1.38	1.46	- .27	1.00	- .33	1.08	- .24	1.86	1.03	0.09	- .40	0.09	- .30	11.46	-2.61
Belvidere	1.19	.65	T	- .48	0.45	- .88	0.92	-1.15	1.76	-1.02	0.50	-2.48	1.10	- .50	1.67	- .21	0.45	- .63	3.41	2.27	0.00	- .54	T	- .46	11.45	-5.43
Bison	-		-		-		-		1.09	-1.25	0.48	-2.74	1.12	- .81	1.83	.22	1.21	.03	2.13	1.38	T	- .54	0.10	- .19	-	
Bixby Dam															0.63		1.11		1.41		0.00		0.18		-	
Bonilla 4 SSW	1.22		0.01		0.99		0.54		2.95		1.17		1.01		1.57		2.31		3.53		0.11		1.13		15.54	
Bowdle	1.82	1.34	0.14	- .35	0.54	- .51	0.84	- .94	4.29	1.64	2.15	-1.73	3.35	.93	2.36	- .07	1.82	.40	2.73	1.63	0.50	.05	0.84	.46	21.38	2.85
Bridgewater	0.89		0.05		3.80		0.52		2.39		1.57		0.85		3.98		2.81		0.88		0.36		0.55		18.43	
Britton 2 N	0.72	.22	0.35	- .28	0.46	- .27	0.23	-1.63	2.91	.24	4.42	.57	5.45	3.10	0.86	-2.21	1.02	- .95	-		0.12	- .58	0.84	.41	-	
Brookings	0.51	.09	T	- .45	1.43	.62	0.41	-1.59	2.28	- .63	2.82	-1.03	2.04	- .39	1.07	-1.61	2.90	.88	1.69	.41	1.02	.39	0.71	.25	16.86	-3.06
Buffalo R	0.75		0.13		0.33		1.25		0.87		0.85		1.14		0.42		1.09		2.31		0.00		0.15		9.29	
Buskala Ranch	3.61		0.27		0.61		2.65		3.02		3.77		2.08		0.69		0.76		1.44		0.88		0.89		20.47	
Camp Crook	2.83	2.43	0.08	- .31	0.31	- .63	1.75	.62	1.08	-1.16	0.54	-2.46	1.68	- .19	0.28	-1.06	1.01	- .06	2.20	1.55	0.00	- .41	0.17	- .16	12.03	-1.86
Canistota 3 N	0.91	.22	0.15	- .64	2.68	1.41	0.36	-1.82	2.22	- .74	1.48	-2.56	0.87	-1.37	2.32	- .89	3.92	1.57	0.90	- .19	0.43	- .43	0.51	- .09	16.73	-5.53
Canton	0.78	.23	0.12	- .49	4.30	3.08	0.92	-1.36	3.76	.15	2.35	-2.24	2.19	-1.17	5.39	2.35	4.83	2.27	1.07	- .42	0.06	- .91	0.62	.01	26.39	1.50
Carpenter R	0.60		0.00		0.81		0.23		2.33		2.47		4.04		0.46		2.02		2.06		0.40		1.17		16.59	
Cash															1.15		1.58		-		0.00		-		-	
Castle Rock															0.42		1.00		1.44		0.00		0.27		-	
Castle Rock 12 NNW	2.27		0.36		0.49		1.83		1.08		1.01		0.33		0.29		-		2.17		0.01		0.33		-	
Castlewood	0.77	.27	0.01	- .41	1.21	.29	0.02	-2.23	2.02	- .62	3.32	- .73	-		0.94	-1.99	3.75	1.56	3.18	2.01	0.99	.14	1.13	.75	-	
Centerville	1.42	.75	0.08	- .76	-		0.64	-1.52	3.46	- .14	-		3.28	.07	3.06	.10	4.96	2.31	1.06	- .41	0.08	- .83	-		-	
Chamberlain	0.70		T		2.31		1.01		1.50		3.12		1.89		3.58		-		-		0.17		0.84		-	
Cheyenne Agency //	3.48		0.36		0.72		0.87		1.31		2.91		1.24		2.39		1.05		2.64		0.01		1.28		18.26	
Clark	-				-		-		-		-		2.89	.02			1.83	- .49	1.78	.32	0.26	- .48	1.50	.95	-	
Clear Lake	0.85	.38	T	- .62	1.74	.41	0.43	-1.99	2.27	-1.36	4.24	.12	5.33	2.09	0.97	-2.55	3.70	1.41	1.82	.35	1.47	.73	0.95	.49	23.77	- .54
Columbia 8 N																			-		0.21		0.65		-	
Cottonwood 3 E	3.08	2.71	T	- .31	0.56	- .09	1.37	- .48	1.74	- .91	2.18	- .48	0.35	-1.65	2.05	.45	0.39	- .62	2.83	1.96	0.01	- .41	0.21	- .12	14.77	.05
Custer	1.12	.67	0.04	- .41	0.51	- .37	1.27	- .79	5.37	2.61	3.02	.15	1.84	-1.02	1.75	- .69	1.16	- .13	0.85	- .35	T	- .46	0.35	- .01	17.28	- .92
Custer 8 SW	1.57		T		0.40		1.67		4.15		2.95		3.00		1.28		1.00		0.48		0.08		0.75		17.33	
Deadwood	4.76	3.46	0.65	- .38	1.18	-1.09	2.21	-1.33	4.06	- .22	2.44	-1.65	1.09	-2.43	0.98	-1.33	0.84	-1.42	1.98	.02	0.66	- .84	1.29	- .10	22.14	-7.31
Deerfield Dam	2.05	1.47	0.13	- .25	0.56	- .26	1.78	- .06	2.25	- .34	4.29	.98	2.45	- .44	1.08	-1.04	1.09	- .27	0.92	- .17	0.20	- .32	0.47	- .09	17.28	- .61
De Smet	1.48	.89	T	- .55	1.70	.81	-		-		-		-		-		2.62	.71	2.31	.78	0.90	.29	1.14	.60	-	
Dewey	1.05		0.04		0.34		2.23		2.72		2.77		2.31		1.00		0.56		1.24		0.16		0.53		14.95	
Dewey 9 NE	0.61		T		0.39		1.63		2.87		2.65		0.87		-		1.23		0.76		-		0.36		-	
Dewey 15 NNE	-		0.12		0.65		1.71		2.64		4.23		1.05		1.22		1.33		0.79		0.10		0.50		-	
Dixon R	0.48		0.00		1.54		1.73		1.86		2.07		2.20		3.14		1.74		8.17		0.33		1.00		18.26	
Dumont	3.43	2.04	0.43	- .60	0.83	-1.06	2.59	.14	3.43	.74	2.53	- .81	1.46	-1.25	0.83	-1.10	1.03	- .43	1.13	- .13	0.99	- .04	1.15	.09	19.63	-2.41
Dupree	2.36	1.66	0.44	- .12	0.52	- .50	2.10	.48	1.09	- .74	1.47	-2.25	0.75	-1.04	1.02	- .48	0.80	- .17	1.78	.98	0.00	- .70	1.24	.75	13.57	-2.13
Edgemont R	1.50		0.03		0.35		1.61		2.91		1.18		1.00		1.35		1.00		0.75		0.11		0.27		12.06	
Edgemont 10 N	0.65		0.06		0.26		1.76		2.49		1.52		1.33		-		1.10		0.75		0.07		0.30		-	
Ellingson 1 NE															0.86		0.71		2.29		T		0.39		-	
Eureka	1.06	.75	0.08	- .33	0.78	.19	0.73	- .74	3.71	1.41	2.65	- .71	5.67	3.39	2.98	.81	0.58	- .89	3.53	2.61	0.25	- .20	0.64	.32	22.66	6.61
Fairfax	1.98	1.48	0.15	- .50	4.96	3.92	1.84	- .47	-		3.13	- .73	1.80	- .95	6.75	3.92	2.98	1.31	2.53	1.17	0.00	- .52	0.50	.05	-	
Faith	-		0.60	.10	0.00	-1.10	2.13	.48	1.08	-1.48	0.39	-2.88	-		-		-		-		-		-		-	
Faulkton	1.48	.98	0.32	- .24	1.29	.14	0.47	-1.88	3.99	1.16	3.12	-1.30	3.65	.44	1.37	- .92	1.97	.22	2.10	.95	0.30	- .34	0.78	.39	18.52	- .38
Flandreau 4 SW	0.72	.22	T	- .56	1.88	.83	0.59	-1.72	2.17	-1.24	3.11	-1.02	3.32	.62	1.40	-1.55	2.88	.48	0.95	- .48	0.20	- .75	0.46	- .11	17.68	-5.28
Forestburg 3 NE	0.59	.00	T	- .58	2.33	1.22	0.57	-1.86	1.98	-1.09	2.68	-1.09	0.44	-2.29	3.14	.86	2.34	.61	2.48	1.19	0.45	- .19	0.96	.40	17.96	-2.82
Fort Meade											-		-		0.23		0.47		1.67		0.22		0.37		-	
Gannvalley	1.05	.48	-		-		-		-		-		-		-		-		3.55	1.44	0.15	- .45	0.80	.27	-	
Geddes	-		-		-		-		-		-		-		-		-		-		0.73	.36	0.50	.13	-	
Golhaus Farm	0.35	- .24	0.12	- .35	0.54	- .82	0.27	-1.93	2.17	- .62	2.74	-1.39	3.00	.24	0.08	-2.55	2.01	.09	1.68	.70	1.03	.45	1.16	.72	15.13	-5.70
Gettysburg	1.34	.98	0.19	- .24	0.70	- .28	1.08	- .49	3.60	1.44	1.89	-1.67	1.55	- .40	2.06	.72	1.24	.10	2.80	2.21	0.15	- .24	0.78	.48	17.18	2.61
Glad Valley															1.72		0.90		-		-		0.36		-	
Glenham	2.29	1.90	0.41	.01	0.60	- .12	0.90	- .23	3.42	1.36	1.49	-1.61	4.42	2.56	1.51	- .36	-		3.12	2.36	T	- .43	0.76	.52	-	
Gregory	1.68	1.31	0.04	- .45	3.11	2.01	2.16	- .22	2.64	- .55	2.88	- .76	2.16	- .03	3.74	1.44	1.37	- .09	1.97	.53	0.07	- .51	1.39	1.06	23.21	3.64
Hardy Ranger Station	0.91	- .54	0.20	- .84	0.38	-1.08	-		1.40	- .93	3.89	1.04	0.98	- .97	1.17	- .71	1.06	- .40	1.48	.10	1.08	.14	0.57	- .54	-	
Hermosa 1 SW											-		2.22	- .30	2.76	.76	-		-		-		-		-	
Highmore 1 W	0.73	.33	0.04	- .33	1.17	.10	0.59	-1.27	2.52	- .08	3.43	.12	0.33	-2.02	2.35	.29	2.29	.90	2.11	1.03	0.28	- .22	0.65	.29	16.49	- .86
Hilland 4 NW	2.61	1.75	0.26	- .15	0.68	- .19	1.73	.01	0.86	-1.99	1.49	-1.79	1.31	- .87	1.69	- .20	0.85	- .33	2.19	1.25	T	- .51	0.62	.22	14.19	-2.80
Hot Springs	1.39	.75	T	- .50	0.24	- .86	0.99	-1.07	6.08	3.10	2.74	- .18	2.84	.35	1.65	- .26	0.91	- .40	0.60	- .65	0.04	- .54	0.47	- .08	17.75	- .33
Hot Springs 7 W	2.47		0.03		0.28		1.48		3.45		2.52		2.68		1.54		0.97		0.65		0.09		0.40		16.52	
Hot Springs 9 SW	2.03		T		0.23		1.82		4.05		1.57		1.90		0.55		0.99		0.81		0.03		0.31		14.29	
Howard	0.39	- .08	0.01	- .53	1.35	.24	0.47	-1.83	1.83	-1.22	-		1.24	-1.80	2.44	- .27	2.05	- .19	1.16	- .27	0.51	- .17	0.54	.02	-	
Huron WB Airport 2 NW	0.97	.41	0.09	- .45	1.05	.14	0.40	-1.84	2.60	- .38	2.35	-1.44	1.01	-2.15	2.59	.13	2.34	.77	1.21	- .07	0.29	- .30	1.30	.73	16.20	-4.45
Interior R	2.95		0.00		0.49		1.47		2.41		0.88		0.37		2.76		0.63		2.24		0.03		0.30		14.51	
Ipswich	-		-		-		-		-		-		-		-		0.36	-1.20	2.18	1.09	0.22	- .27	0.97	.63	-	
Isabel R	2.23		0.13		0.35		2.01		1.57		0.67		1.15		1.28		0.62		1.99		0.00		0.35		12.34	
Kennebec	1.09	.53	T	- .53	1.76	.83	1.74	- .19	2.25	- .30	1.66	-1.47	1.03	-1.09	2.49	.51	1.70	.52	2.29	1.24	0.02	- .47	0.53	.04	16.56	- .38
La Creek Nat.W.L. R	-				-		-		-		1.40		1.48		1.64		1.18		3.52		0.27		0.03		-	
La Delle 7 NE	0.44	- .14	0.05	- .43	1.10	.05	0.33	-1.99	3.36	.15	3.85	- .41	1.98	-1.09	1.09	-1.98	1.87	- .27	1.88	.14	0.38	- .40	1.36	.85	17.49	-5.52
Ladner													-		-		-		-		0.02		-		-	
Lead	4.78	3.73	0.71	- .14	1.06	- .59	3.01	.04	3.03	- .58	1.71	-2.08	0.77	-1.85	0.74	-1.16	1.09	- .65	1.45	- .13	0.71	- .35	1.16	.19	20.22	-3.57
Lemmon	1.41	.86	0.14	- .39	0.32	- .54	2.47	1.22	1.07	-1.08	0.21	-3.46	1.72	.02	1.02	- .43	1.00	- .28	1.42	.66	T	- .53	0.52	.11	11.30	-3.84
Leola	1.29	.88	0.24	- .16	0.86	- .07	0.59	-1.43	2.40	- .19	3.80	.54	6.01	3.85	1.68	-1.23	0.93	- .68	1.83	.84	0.30	- .19	0.67	.00	20.70	2.16
Longvalley	1.85	1.45	T	- .36	-		1.21	- .80	2.91	.13	2.89	.25	0.55	-1.35	2.99	1.48	0.26	- .67	3.91	2.65	0.14	- .31	0.10	- .49	-	
Ludlow 3 NW	1.17	.85	0.29	.11	0.11	- .38	1.46	.34	0.92	-1.04	1.11	-2.72	1.44	- .84	0.54	- .79	0.68	- .05	2.61	1.95	T	- .38	0.03	- .23	10.88	-2.98
Madison	0.58		0.09		3.52		0.51		2.24		2.02		3.20		1.28		2.73		1.84		0.82		0.77		19.30	
Manderson													0.83		1.14		1.18		1.71		0.05		0.37		-	
Marion	1.13	.61	0.06	- .93	3.23	1.69	0.86	-1.49	1.53	-2.12	1.04	-3.48	1.58	-1.78	3.01	- .05	3.64	.95	1.42	- .21	0.04	- .93	0.49	- .17	18.03	-7.99
Martin	1.15	.70	T	- .46	0.57	- .27	0.86	-1.19	2.04	- .70	1.73	-1.42	0.55	-1.63	2.85	1.14	0.75	- .18	3.31	2.17	0.02	- .38	0.02	- .17	13.85	-2.39
McIntosh	1.87	1.48	0.00	- .44	0.45	- .33	1.71	.27	4.02	1.96	1.08	-2.66	3.11	1.38	1.43	- .21	0.81	- .60	2.17	1.34	0.00	- .40	0.23	- .14	16.88	1.65
McLaughlin	1.06	.64	0.03	- .51	0.25	- .51	0.95	- .50	3.38	1.32	1.42	-2.11	2.57	.59	2.25	.45	0.51	- .94	-		-		-		-	
Meadow R	1.47		-		0.51		-		2.35		0.64		-		-		0.92		-		0.42		-		-	
Mellette	0.68	.04	0.15	- .50	1.50	.40	0.44	-1.77	3.42	.58	2.54	- .96	3.05	.53	1.36	-1.05	1.67	- .09	2.62	1.33	0.07	- .67	0.80	.31	18.30	-1.85
Menno	1.37	.75	0.08	- .73	3.25	2.02	0.95	-1.30	2.08	-1.47	1.55	-2.43	1.45	-1.56	3.00	- .04	-		1.50	.02	0.22	- .63	0.43	- .22	-	
Midland	1.65	1.22	T	- .49	0.81	.03	1.27	- .38	1.69	-1.09	1.60	-1.00	1.13	- .55	2.85	.98	0.51	- .46	3.42	2.45	0.00	- .54	0.04	- .37	14.97	- .20
Milbank	1.20	.44	T	- .74	0.39	- .97	0.24	-2.01	2.89	- .33	2.30	-1.65	4.10	1.46	0.36	-2.45	2.16	.18	2.27	.80	1.48	.56	0.32	- .37	17.51	-5.06
Milesville	3.60		0.12		0.01		1.62		0.95		1.31		1.95		-		-		-		-		-		-	
Miller	1.30	.86	0.23	- .18	1.14	.27	1.34	- .59	1.87	- .97	3.88	.51	0.64	-1.65	1.65	- .55	2.64	1.30	2.15	1.04	0.32	- .21	0.84	.26	17.78	.09
Mitchell 2 SE	1.25	.72	T	- .66	3.12	1.88	0.81	-1.88	2.90	- .31	1.55	-2.48	0.89	-2.17	2.97	.37	3.21	1.09	1.77	.29	0.47	- .20	0.90	.41	19.64	-2.95
Mobridge	1.58	1.08	0.49	- .09	0.54	- .41	0.65	- .90	2.14	- .31	1.32	-1.96	4.11	2.03	1.94	- .12	0.66	- .46	3.35	2.40	0.01	- .39	0.98	.65	17.77	1.52
Moenville	3.79		0.14		0.85		0.18		1.13		1.56		1.35		1.81		0.38		3.13		T		0.24		14.54	
Moon																							0.85		-	
Mud Butte R	-		-		-		-		0.33		0.47		1.03		-		-		1.64		0.00		-		-	
Murdo No. 1	-		T	- .64	1.39	.28	1.87	- .31	3.33	.56	2.01	- .90	0.55	-1.57	2.58	.78	0.80	- .67	4.50	3.15	T	- .58	0.30	- .21	-	
Murdo No. 2 R	2.60		0.00		1.04		1.43		2.89		1.15		0.60		2.36		0.83		3.65		0.06		0.11		16.86	
Newell 3 NW	1.55	1.10	0.24	- .07	0.67	- .13	0.93	- .79	2.08	- .57	1.66	-1.58	1.98	- .28	0.16	-1.28	0.93	- .29	1.48	.44	0.10	- .54	0.38	.03	12.14	-3.94
Oelrichs	1.24	.53	0.00	- .68	0.16	-1.12	1.96	- .22	4.38	1.32	3.01	- .20	1.42	- .87	0.40	-1.01	1.11	- .06	1.17	- .04	0.00	- .68	0.37	- .27	15.22	-3.30

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure
Aberdeen AP CAA 2 E	0.96	.16	0.21	- .60	1.01	- .51	0.61	-2.23	5.30	2.23	0.97	-3.13	4.22	1.26	2.12	- .69	1.29	- .62	0.66	- .84	0.15	- .76	0.59	- .16	18.09	-5.89
Academy	0.32	- .14	1.00	.38	2.53	1.40	1.10	-1.34	2.80	- .27	1.68	-2.22	8.42	5.83	3.91	1.25	2.35	.61	1.22	- .14	-	-	-	-	-	-
Alcester R	0.36	-	0.59	-	1.07	-	0.97	-	3.50	-	6.38	-	4.80	-	1.34	-	-	-	1.03	-	-	-	-	-	-	-
Alexandria	0.24	- .29	0.73	.09	1.58	.30	1.39	-1.24	3.86	.72	1.63	-2.39	3.41	.52	3.98	1.36	4.18	2.02	2.95	1.55	0.56	- .12	0.10	- .41	24.71	2.11
Andover 7 N	0.65		0.04		1.11		1.13		5.09		1.22		3.47		3.71		1.27		1.11		0.27		0.44		19.51	
Angostura Dam	0.30		0.07		1.02		1.92		1.69		0.77		1.01		1.83		2.31		0.34		0.28		0.16		11.70	
Ardmore 4 NNE	0.25	- .14	T	- .42	0.66	- .18	-	-	1.44	-1.51	-	-	-	-	1.49	- .12	1.99	.93	0.40	- .69	0.09	- .36	0.25	- .18	-	-
Arlington	0.57	- .09	0.18	- .38	1.79	.25	1.40	-1.09	5.43	2.88	1.18	-2.44	2.26	.33	2.00	- .71	3.24	1.15	1.82	.53	0.55	- .22	0.37	- .16	20.79	.03
Armour	0.50	- .04	1.12	.48	3.66	2.51	1.72	- .61	3.25	.11	1.03	-2.94	2.89	.65	4.31	1.26	4.90	3.02	1.73	.28	0.45	- .21	0.25	- .40	28.81	4.11
Belle Fourche 2 NE	0.16	- .21	0.25	- .02	1.04	.28	1.67	- .02	1.74	- .48	1.21	-1.63	0.61	-1.12	1.53	.20	1.91	.49	0.73	- .10	0.49	.00	0.07	- .32	11.31	-2.93
Belvidere	0.15	- .39	0.50	.02	2.10	.77	0.61	-1.46	2.51	-2.67	1.10	-1.88	2.57	.97	1.98	.10	3.99	2.91	0.10	-1.04	0.43	- .11	T	- .46	16.04	-3.24
Bison	0.68	.17	0.96	.52	2.72	1.82	1.41	.16	1.84	- .70	1.26	-1.96	0.61	-1.12	0.99	- .61	1.86	.68	0.82	.07	0.23	- .31	0.09	- .20	13.47	-1.48
Bixby Dam	-		0.40		1.20		1.30		1.09		2.49		0.73		2.99		3.42		0.52		0.08		0.05		-	
Blunt	-		-		-		-		-		-		-		2.26		1.93		0.82		0.30		0.18		-	
Bonilla 4 SSW	0.69		0.50		0.82		2.01		3.83		3.25		2.13		0.91		4.56		1.30		0.55		0.34		20.89	
Bovee	-		0.70		1.55		0.71		2.07		0.98		5.54		3.61		3.94		1.82		0.62		T		-	
Bowdle	2.44	1.96	0.55	.06	0.96	- .08	0.55	-1.23	4.70	2.05	0.86	-3.02	0.91	-1.51	1.41	-1.02	0.98	- .44	0.46	- .64	0.12	- .33	0.31	- .07	14.25	-4.28
Bridgewater	0.63		-		1.57		1.38		4.29		1.82		3.16		2.29		2.46		2.13		0.52		0.22		-	
Britton 2 N	-	-	0.03	- .60	0.68	- .05	0.85	-1.21	4.44	1.77	0.94	-2.91	2.25	- .10	1.46	-1.41	1.05	- .92	1.27	.08	-	-	-	-	-	-
Brookings	0.28	- .14	0.12	- .33	1.47	.66	1.63	- .37	4.89	2.08	1.42	-2.43	3.13	.76	0.98	-1.70	-	-	2.71	1.43	0.46	- .17	0.31	- .15	-	-
Buffalo R	0.25		0.52		1.29		1.30		2.20		1.63		0.78		0.99		0.95		0.76		0.17		0.16		11.00	
Buskala Ranch	0.44		0.45		2.74		2.33		1.71		2.29		3.08		2.23		3.28		0.61		1.00		0.41		20.57	
Camp Crook	0.15	- .35	0.39	.00	1.44	.50	0.94	- .19	2.39	.15	2.19	- .81	1.46	- .41	1.99	.63	0.88	- .39	0.68	.03	0.22	- .18	0.16	- .15	13.71	-1.18
Canistota 2 N	0.56	- .13	0.44	- .35	1.83	.56	1.34	- .84	4.54	1.58	2.17	-1.85	3.29	1.05	2.19	-1.02	3.74	1.39	2.05	.96	0.64	- .22	0.20	- .40	22.99	.73
Canton	0.77	.22	1.00	.39	1.82	.60	1.15	-1.13	4.04	.43	4.99	.40	3.09	- .27	1.28	-1.76	2.77	.21	2.19	- .70	0.40	- .57	0.51	- .10	24.01	- .88
Carpenter R	0.42		0.13		1.54		1.48		3.37		0.32		2.99		0.74		3.98		-		0.51		-		-	
Castle Rock R	0.41		0.52		1.58		1.62		1.59		2.05		0.80		1.02		1.80		0.45		0.21		-		-	
Castle Rock 12 NNW	0.28		0.55		2.60		1.75		1.74		2.38		1.36		0.87		1.65		0.88		0.24		0.25		14.55	
Castlewood	-	-	0.02	- .40	-	-	-	-	-	-	0.52	-3.53	3.51	.75	1.43	-1.50	1.44	- .75	2.14	.97	0.38	- .47	0.25	- .13	-	-
Centerville	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	- .67	-	-
Chamberlain	0.55		-		2.38		0.64		2.64		0.36		3.01		3.92		4.71		1.30		0.34		0.20		-	
Cheyenne Agency	1.36		1.03		1.95		0.79		6.33		1.30		0.77		1.58		1.73		0.60		0.14		0.32		17.90	
Clark	0.42	- .29	0.06	- .54	1.29	.09	1.75	- .46	3.49	.54	1.81	-2.18	3.73	.86	2.48	- .55	4.98	2.66	1.78	.32	0.25	- .59	0.21	- .34	22.25	- .48
Clear Lake	0.68	.21	T	- .62	2.32	.99	1.21	-1.21	4.70	1.07	1.41	-2.71	2.51	- .73	1.56	-1.96	1.82	- .47	1.71	.24	0.43	- .31	0.56	.10	18.91	-5.40
Columbia 8 N	0.67		0.15		0.98		0.69		6.70		0.30		1.99		1.30		1.28		1.01		0.10		0.20		15.15	
Cottonwood 3 E	0.47	.10	0.42	.11	2.20	1.55	1.02	- .83	2.08	- .57	0.35	-2.31	2.08	.08	0.30	-1.30	2.28	1.27	0.33	- .54	0.38	- .40	0.02	- .31	11.93	-2.79
Custer	0.26	- .19	0.27	- .18	1.59	.71	1.46	- .60	1.96	- .90	1.49	-1.38	3.07	.21	1.94	- .50	2.64	1.35	0.37	- .83	0.20	- .28	0.07	- .29	15.32	-3.88
Custer 8 SW	0.33		0.11		1.45		1.41		1.83		2.23		1.82		2.57		2.45		0.36		0.01		0.16		14.73	
Deadwood	0.61	- .69	-	-	4.59	2.32	3.15	- .39	3.33	- .95	1.58	-2.51	2.63	- .89	2.33	.02	4.76	2.50	0.94	-1.02	1.37	- .13	0.43	- .96	-	-
Deerfield Dam	0.46	- .12	0.26	- .12	2.41	1.59	2.51	.67	2.26	- .33	1.45	-1.86	2.81	- .08	2.67	.54	2.79	1.43	0.41	- .68	0.49	- .03	0.16	- .22	18.68	.79
De Smet	0.63	.04	0.25	- .30	1.03	- .06	1.82	- .38	3.47	.60	-	-	-	-	1.82	- .73	4.22	2.31	-	-	0.78	.17	0.50	- .04	-	-
Dewey	0.39		0.08		1.11		1.82		1.17		1.05		0.73		1.74		2.52		0.41		T		0.17		11.19	
Dewey 9 NE R	0.32		0.06		1.46		1.45		1.31		1.24		1.31		-		2.13		0.46		0.10		-		-	
Dewey 15 NNE	0.48		0.09		1.57		1.45		1.57		1.11		1.55		1.20		2.27		0.54		0.12		0.19		12.14	
Dixon R	0.06		0.71		2.70		0.63		1.76		1.35		1.49		-		3.95		-		0.56		0.04		-	
Dumont	0.59	- .80	0.57	- .46	5.23	3.54	2.63	.18	2.20	- .49	2.18	-1.16	3.21	.50	2.82	.89	3.56	2.10	0.66	- .60	1.40	.37	0.56	- .51	26.60	3.56
Dupree	1.02	.32	1.01	.45	2.04	1.02	0.97	- .65	2.22	.39	1.52	-2.20	1.31	- .46	2.52	1.02	3.64	2.67	0.45	- .36	0.02	- .68	-	-	-	-
Edgemont	0.39		0.08		1.63		1.55		1.65		1.41		1.27		1.45		1.64		0.38		0.17		0.27		11.86	
Edgemont 1 N R	0.20		0.03		1.40		1.59		1.13		1.01		1.54		1.68		1.89		0.39		0.14		0.23		11.23	
Ellingson 1 NE	0.77		1.01		1.91		1.43		2.61		1.25		1.23		2.47		0.34		0.54		0.29		0.03		13.78	
Elm Springs 1 S	-		-		-		-		-		-		-		3.26		1.92		0.28		0.21		T		-	
Eureka	1.67	1.36	0.44	.03	0.99	.40	0.93	- .84	5.17	2.87	1.22	-2.14	0.88	-1.40	1.79	- .38	1.81	.34	0.40	- .52	0.11	- .34	0.21	- .11	15.62	- .43
Fairfax	0.28	- .22	0.95	.30	4.34	3.30	-	-	2.05	-1.36	2.74	-1.13	4.96	2.21	3.15	- .32	4.95	3.28	1.96	.60	1.10	.58	0.26	- .19	-	-
Faith	-		-		-		-		-		-		-		-		2.78	1.76	0.43	- .44	0.10	- .34	0.12	- .14	-	-
Farmingdale 2 N	-		-		-		-		-		-		-		-		-		0.25		0.35		0.01		-	
Faulkton	0.56	.08	1.01	.45	1.01	- .14	0.84	-1.51	4.61	1.70	1.08	-2.34	2.73	- .62	2.27	- .02	1.23	- .22	0.71	- .44	0.15	- .48	0.12	- .27	16.22	-2.68
Flandreau 4 SW	0.67	.17	0.57	.01	1.63	.58	2.22	- .09	3.91	.50	1.62	-2.51	2.38	- .32	1.62	-1.33	5.92	3.52	2.41	.98	0.92	- .03	0.30	- .27	24.17	1.21
Forestburg 3 NE	0.25	- .34	1.10	.52	1.61	.50	2.50	.07	2.97	- .10	1.45	-2.32	2.58	- .15	1.92	- .36	3.11	1.38	2.88	1.59	1.01	.37	0.15	- .41	21.53	.75
Fort Meade	0.39		0.21		1.89		2.98		1.93		1.44		1.45		2.47		3.16		0.54		0.53		0.31		17.30	
Frederick	-		-		-		-		-		-		-		-		1.58		0.86		0.14		0.76		-	
Gannvalley	0.17	- .40	0.36	- .13	1.40	.41	1.66	- .25	2.64	- .36	0.03	-3.45	3.70	.90	3.17	.55	4.27	2.76	1.27	.16	0.21	- .39	-	-	-	-
Garretson R	-		-		-		-		-		-		-		-		-		1.74		0.50		-		-	
Gelhaus Farm	1.09	.50	0.10	- .37	1.66	.30	1.50	- .70	4.24	1.45	1.45	-2.68	5.54	2.78	1.96	- .65	1.87	- .25	-	-	0.37	- .21	0.43	- .01	-	-
Gettysburg	0.56	.20	0.83	.40	1.41	.43	1.03	- .54	4.50	2.34	0.57	-2.79	2.19	.24	1.61	.27	1.28	.14	0.46	.13	0.13	.26	0.12	- .18	14.69	.13
Glad Valley	0.52		1.33		4.92		0.76		1.97		1.09		0.61		1.69		2.64		0.44		0.28		0.12		16.37	
Glenham	1.42	1.03	0.91	.51	1.04	.32	0.85	- .28	5.68	3.62	0.64	-2.46	1.63	- .23	2.63	.76	1.11	- .09	0.56	- .20	0.18	- .25	0.14	- .10	16.78	2.63
Gregory	0.38	- .09	1.25	.76	3.39	2.29	1.53	- .85	2.85	- .34	1.81	-1.63	2.61	- .42	3.87	1.57	3.06	1.60	1.48	- .04	0.85	- .07	0.20	- .13	23.08	3.51
Hardy Ranger Sta.	0.19	-1.26	0.15	- .89	3.73	2.27	1.81	- .31	1.68	- .65	-	-	3.33	-	2.22	- .34	3.41	1.95	0.61	- .87	0.84	- .10	0.38	- .78	-	-
Hermosa 1 SW	-	-	0.05	- .28	1.61	.54	1.20	- .66	1.31	-2.20	1.48	-2.13	2.25	- .27	1.37	- .63	1.95	.74	0.30	- .69	T	- .40	-	-	-	-
Highmore 1 W	0.20	- .20	0.67	.50	1.53	.46	0.62	-1.04	2.25	- .35	1.02	-2.29	2.12	- .23	2.25	.19	1.84	.45	0.77	- .31	0.26	- .24	0.10	- .36	14.03	-3.32
Hilland 4 NW	0.46	.00	0.14	- .27	1.69	.92	1.18	- .56	2.25	- .60	0.36	-2.92	0.78	-1.40	2.58	.69	2.91	1.73	0.31	- .63	0.35	- .16	0.04	- .36	19.03	-3.56
Holabird 22 N	-		-		-		-		-		-		-		-		1.40		0.78		-		-		-	
Hopewell 1 SE	-		-		-		-		-		-		-		1.85		0.11		0.26		-		-		-	
Hot Springs	0.16	- .48	0.04	- .46	1.45	- .35	2.32	- .26	1.46	-1.52	0.91	-2.01	2.12	- .17	1.97	- .06	3.35	2.04	0.33	- .92	0.19	- .39	0.13	- .40	14.43	-3.54
Hot Springs 7 W	0.24		0.04		1.75		1.83		1.16		1.27		0.78		2.18		2.65		0.37		0.17		0.17		12.62	
Hot Springs 9 SW	0.22		0.04		0.88		1.72		1.69		0.82		2.24		1.61		1.82		0.42		0.20		0.16		11.82	
Howard	0.18	- .29	0.30	- .24	0.91	- .20	1.21	-1.09	4.34	1.49	1.73	-2.10	2.82	- .42	2.20	- .51	7.15	4.91	1.37	- .06	0.63	.15	-	-	-	-
Huron WB AP 2 NW R	0.47	- .09	0.58	.04	1.37	- .46	1.33	- .91	2.65	- .33	0.67	-3.12	3.20	.04	0.83	-1.63	3.56	1.99	1.46	.18	0.56	- .03	0.35	- .22	17.03	-3.62
Huron 4 SSE	-		-		-		-		2.36		0.82		3.23		0.74		2.67		2.05		0.50		-		-	
Interior R	0.37		0.23		2.26		-		2.15		0.97		2.28		2.22		2.54		0.29		0.36		-		-	
Ipswich	1.39	.95	0.53	.08	-	-	1.01	- .96	5.33	2.33	0.56	-2.93	2.84	.47	1.48	-1.02	1.40	- .16	0.66	- .43	0.27	- .22	0.41	.07	-	-
Isabel R	0.63		0.74		0.95		0.85		1.94		0.82		1.63		0.74		2.32		0.37		0.02		0.03		21.04	
Isabel 14 E R	-		-		-		-		-		-		-		-		-		-		0.13		-		-	
Kennebec	0.37	- .19	1.20	.67	2.37	1.44	0.85	-1.08	2.51	- .04	2.47	- .66	2.52	.40	3.59	1.61	4.57	3.39	0.90	- .15	0.39	- .20	0.18	- .31	21.82	4.68
La Creek Wild Life R	0.23		0.25		0.98		0.70		1.64		2.25		-		-		3.17		0.38		-		0.07		-	
La Delle 7 NE	0.60	- .08	0.16	- .32	0.95	- .10	1.61	- .71	3.40	.19	0.67	-3.59	3.27	.20	2.17	- .90	3.89	1.75	1.64	.10	0.51	- .27	0.27	- .24	19.04	-3.97
Lead	0.50	- .55	0.52	- .33	4.61	2.98	2.63	- .34	2.31	-1.30	1.61	-2.18	2.26	- .36	2.94	1.04	4.18	2.44	0.72	- .86	1.07	.01	0.40	- .57	23.75	- .04
Lemmon	1.10	.55	0.74	.21	2.21	1.35	0.86	- .39	1.93	- .22	3.59	- .08	0.61	-1.09	4.05	2.60	1.56	- .28	0.44	- .32	0.44	- .09	0.02	- .39	17.55	2.41
Leola	0.88	.47	0.30	- .10	1.40	- .37	0.75	-1.27	5.44	2.85	0.64	-2.62	2.93	- .77	1.70	-1.21	1.98	- .37	0.60	- .39	0.19	- .30	0.53	- .18	17.34	- .88
Lodgepole 9 S	-		-		-		-		-		-		-		-		-		-		0.23		0.05		-	
Longvalley	0.06	- .34	0.15	- .21	2.11	.85	1.32	- .89	2.48	- .30	1.09	-1.55	0.18	-1.72	2.66	1.15	2.86	1.93	0.30	- .96	0.28	- .17	0.14	- .10	13.63	- .73
Ludlow 3 NW	0.45	.13	0.81	.63	1.59	1.10	1.12	.00	2.45	.49	1.22	-2.61	1.10	- .98	1.99	.66	0.83	- .20	0.90	.24	0.33	- .05	0.14	- .12	12.93	- .71
Madison	0.82		0.22		2.45		2.44		4.19		1.55		4.15		1.09		3.61		3.23		0.97		0.33		24.85	
Manderson	0.09		0.08		0.87		1.25		1.60		0.92		1.79		3.74		3.48		0.33		0.15		T		14.30	
Marion	0.35	- .27	0.96	- .03	1.45	- .09	1.16	-1.19	5.35	1.70	2.22	-2.30	3.16	- .18	1.81	-1.25	3.47	- .22	3.22	1.59	0.51	- .46	0.20	- .46	22.86	-3.16
Martin	0.30	- .15	0.18	- .28	0.74	- .10	0.56	-1.49	1.29	-1.45	2.17	- .98	4.42	2.24	2.54	.83	4.10	3.17	0.25	- .89	0.07	- .33	0.02	- .17	16.64	.40
McIntosh	1.08	.69	-	-	-	-	1.54	- .10	2.61	- .75	2.17	-1.57	1.80	- .07	6.18	4.54	1.30	- .11	0.40	- .43	0.13	- .27	0.03	- .34	-	-
McLaughlin	-	-	-	-	-	-	-	-	-	-	1.85	-1.68	1.58	- .40	1.73	- .07	0.49	- .86	-	-	-	-	-	-	-	-
Meadow R	-		-		-		1.50		-		-		0.65		1.49		2.48		0.40		0.34		0.14		-	
Mellette	0.73	.09	0.19	- .46	1.29	.19	0.83	-1.38	4.94	2.00	0.94	-2.56	1.68	- .84	4.54	2.13	1.42	- .34	1.16	.13	0.22	- .52	0.28	- .21	18.12	-2.03
Menno	0.36	- .26	0.82	.01	1.75	.52	0.98	-1.27	6.21	2.66	2.55	-1.43	4.06	1.05	2.49	- .55	3.30	1.04	1.61	.13	0.31	- .54	0.12	- .53	24.56	.83
Midland	0.29	- .14	0.35	- .14	1.69	.91	0.60	-1.05	2.43	- .35	0.74	-1.86	3.66	1.98	1.58	- .39	3.47	2.50	0.29	- .68	0.48	- .06	0.09	- .32	15.67	.50
Milbank	0.63	- .13	-	-	1.94	.58	1.67	- .58	3.67	.65	1.24	-2.71	2.21	- .41	2.04	- .77	0.99	- .99	2.06	.59	0.24	- .68	0.94	.25	-	-
Milesville 5 NE	-		0.38		1.45		1.08		3.00		1.18		2.97		1.95		4.16		0.43		0.25		0.22		-	
Miller	0.63	.19	0.98	.57	1.48	.61	1.48	.45	6.54	3.70	2.70	- .65	2.13	- .18	1.95	- .25	2.81	1.47	1.17	.06	0.41	- .12	0.32	- .06	22.60	4.91

See reference notes following Station Index.

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure
LEOLA	.51	.10	1.00	.60	–	–	.70	-1.32	2.90	.31	4.05	.79	4.62	2.46	2.26	– .65	2.07	.46	2.57	1.58	T	– .49	1.49	1.14	–	–
LITTLE EAGLE	–		–		–		–		–		–		1.02		–		–		–		–		–		–	–
LODGEPOLE 9 S R	.30		.42		–		.88		–		1.62		1.96		4.94		1.57		–		.09		–		–	
LONGVALLEY	T	– .40	1.18	.82	.84	– .42	.60	-1.41	–	–	5.19	2.55	1.29	– .61	.96	– .55	3.85	2.92	–	–	.15	– .30	1.49	1.25	–	–
LUDLOW 3 NW	.35	.03	–	–	.23	– .26	.90	– .22	1.67	– .29	2.60	-1.23	3.32	1.24	2.46	1.13	2.08	1.05	1.92	1.26	.19	– .19	–	–	–	–
MADISON	.31		.60		2.90		2.30		4.42		7.63		4.06		6.23		1.72		1.39		.41		2.09		34.06	
MANDERSON	.08		.18		.63		.63		1.43		5.67		2.97		2.40		2.48		–		.05		.78		–	
MARION	.07	– .55	1.12	.13	2.99	1.45	2.32	– .03	3.72	.07	6.49	1.97	4.26	.92	2.26	– .80	3.33	.64	1.57	– .06	.86	– .11	E1.34	.68	E30.33	4.31
MARTIN	T	– .45	.51	.05	.26	– .58	.37	-1.68	2.84	.10	4.46	1.31	2.99	.81	1.04	– .67	1.90	.97	–	–	.17	– .23	.55	.36	–	–
MC INTOSH	.45	.06	1.05	.61	.36	– .42	1.12	– .32	1.78	– .28	5.12	1.38	2.47	.74	5.42	3.78	1.66	.25	2.67	1.84	.00	– .40	–	–	–	–
MC LAUGHLIN	–	–	.73	.19	1.26	.50	.88	– .57	2.04	– .02	3.59	.06	2.23	.25	3.99	2.19	1.64	.19	2.51	1.65	–	–	–	–	–	–
MEADOW R	–		–		–		–		1.00		3.19		.81		5.73		1.21		–		–		–		–	–
MELLETTE	.12	– .52	.80	.15	.80	– .30	.91	-1.30	3.28	.44	3.92	.42	.83	-1.69	4.06	1.65	.35	-1.41	2.35	1.06	T	– .74	1.25	.76	18.67	– 1.48
MENNO	.06	– .56	.73	– .08	2.65	1.42	2.24	– .01	4.28	.73	5.87	1.89	2.93	– .08	3.78	.74	2.90	.64	1.61	.13	.31	– .54	1.30	.65	28.66	4.93
MIDLAND	.05	– .38	.39	– .10	.78	.00	.31	-1.34	4.79	2.01	4.31	1.71	2.78	1.08	3.67	1.80	1.58	.61	2.74	1.77	.09	– .45	1.11	.70	22.58	7.41
MILBANK	.33	– .43	.76	.02	2.28	.92	1.54	– .71	1.33	-1.69	4.13	.18	3.30	.68	4.13	1.32	.57	-1.41	2.92	1.45	.38	– .54	1.94	1.25	23.61	1.04
MILESVILLE 5 NE	.13		1.05		.90		.57		1.90		4.73		2.41		2.12		.96		3.91		.18		1.61		20.47	
MILLER	.11	– .33	.56	.15	1.54	.67	1.80	– .13	2.61	– .23	5.24	1.89	1.50	– .79	4.66	2.46	.49	– .85	2.48	1.37	.01	– .52	2.17	1.79	23.17	5.48
MILLER 16 N	–		–		–		–		–		–		–		–		–		T		1.72		E2.25		–	
MISSION 14 SSE	–		–		–		–		–		–		–		6.18		3.02		1.48		.11		–		–	
MITCHELL 2 SE	.12	– .41	.49	– .17	1.33	.09	1.25	-1.25	4.56	1.35	4.60	.57	4.04	.98	1.75	– .85	1.55	– .57	1.63	.15	.34	– .33	1.25	.76	22.91	.32
MORRIDGE	.14	– .36	.47	– .11	.50	– .45	.38	-1.17	2.05	– .40	2.97	– .31	1.34	– .74	5.45	3.39	2.91	.79	2.34	1.39	.02	– .38	1.09	.76	18.66	2.41
MOENVILLE	.08		.66		1.48		.67		1.58		–		1.37		2.03		.92		3.32		.10		2.31		–	
MOON R	.37		.34		.72		1.01		1.18		5.02		2.44		3.90		3.65		.93		1.17		1.13		21.86	
MUD BUTTE R	–		.40		–		–		2.18		–		–		–		–		–		–		–		–	
MURDO 1 W	.03	– .67	–	–	.83	– .28	1.97	– .21	3.96	1.19	6.61	3.70	1.37	– .75	2.89	1.09	1.81	.54	3.33	1.98	.08	– .50	.69	.18	–	–
MYSTIC	–		–		–		–		–		–		–		4.12		E2.12		1.02		.02		–		–	
NEWELL 3 NW	.09	– .36	.32	.01	.95	.15	.68	-1.04	1.95	– .70	3.36	.12	1.22	-1.00	2.33	.89	1.40	.18	2.25	1.21	.21	– .43	.54	.19	15.30	– .78
OELRICHS	.06	– .65	.08	– .60	.70	– .58	.29	-1.89	2.06	-1.00	3.39	.18	2.63	.34	2.28	.87	1.17	.00	.58	– .63	.05	– .63	.36	– .28	13.65	– 4.87
OELRICHS 8 W	.04		.07		.37		.31		.97		3.89		4.11		1.57		1.80		.62		.03		.41		14.19	
OGLALA R	–		–		1.19		–		–		4.05		2.96		–		–		2.40		–		–		–	
ONAKA	.12	– .37	.66	.06	.76	– .16	.51	-1.58	3.21	– .32	4.02	.53	1.59	-1.04	2.99	.56	.56	-1.06	1.32	T	– .54	1.42	.93	18.24	– 1.03
ONIDA	.05	– .29	.51	– .01	.76	– .03	1.24	– .61	2.48	– .21	3.37	.17	.83	-1.45	5.09	3.16	.26	– .76	3.82	2.90	.15	– .18	2.29	2.06	20.85	4.81
ORIENT 12 SSE	–		–		–		–		–		4.71		1.79		4.19		.15		–		–		–		–	
ORMAN DAM	.06	– .38	.30	.03	.78	.03	1.13	– .55	1.59	– .98	3.71	.77	2.17	.20	2.31	.98	1.46	.14	2.28	1.38	.19	– .30	.37	– .03	16.35	1.29
PACTOLA RANGER STA R	–		–		–		–		–		–		–		3.00		2.23		1.36		.18		.56		–	
PARKSTON 3 E	.08	– .62	.72	– .05	1.66	.33	1.59	– .86	4.26	1.44	6.82	3.22	2.27	– .31	2.35	– .37	2.26	.18	1.53	.23	.21	– .40	1.33	.75	25.08	3.54
PARMELEE R	–		1.34		–		1.19		•		–		2.53		–		2.86		–		–		–		–	
PHILIP CAA AP 4 E	.02		.77		1.59		.47		1.87		4.51		2.17		3.43		1.11		1.81		.15		1.71		19.61	
PICKSTOWN	T		–		1.39		1.99		4.85		8.87		1.37		5.44		2.52		1.30		.39		–		–	
PIERRE CAA AP 4 E	.09	– .37	.66	.17	.79	– .22	1.04	– .74	2.92	.42	3.83	1.17	2.20	– .04	5.43	3.46	.65	– .50	2.46	1.54	.05	– .43	2.91	2.46	23.03	6.92
PINE RIDGE	.11	– .24	E .10	– .30	.51	– .36	.55	-1.37	2.08	– .74	2.57	– .22	3.45	1.03	.91	– .84	1.46	.29	–	–	.16	– .22	.71	.23	–	–
PLAINVIEW R	.11		.69		.79		.26		1.45		3.66		1.23		4.96		1.07		2.64		.20		1.44		18.50	
PLATTE 2 S	–		–		–		–		–		–		–		–		–		–		–		1.51		–	
POLLOCK	.53	.07	.78	.39	.15	– .48	.08	-1.28	2.06	.09	4.15	.80	1.96	– .09	4.82	3.16	–	–	1.82	.82	T	– .50	–	–	–	–
PROVO	.23		T		E .73		.76		1.57		3.50		2.04		1.25		1.68		1.28		.20		.25		E13.49	
PUKWANA 3 W	–		–		–		1.24	– .37	–		–		2.56	.80	4.23	2.21	1.58	.18	1.57	.59	.35	– .13	–	–	–	–
RALPH	.25	– .28	.15	– .38	.08	-1.29	1.01	– .31	1.30	-1.01	1.61	-1.72	1.91	– .28	2.63	1.27	1.58	.34	–	–	.15	– .26	.71	.27	–	–
RAPID CITY WB AP 8 ESE	.12	– .33	.10	– .38	.79	– .18	.51	– .92	1.87	-1.07	3.75	.71	1.63	– .45	2.92	1.22	1.46	.26	.88	– .06	.21	– .28	.53	.09	14.77	– 1.39
RAPID CITY	.22		.24		.81		.58		2.89		3.49		1.94		4.23		2.07		1.47		.41		.49		18.84	
RAYMOND	.16	– .26	.23	– .03	.81	– .11	1.09	– .52	–	–	5.19	2.02	2.91	1.01	3.75	1.10	.45	-1.11	2.23	1.44	.18	– .21	1.23	.99	–	–
REDFERN	–		–		–		–		–		–		–		1.85		2.71		–		.40		–		–	
REDFIELD	.13	– .37	.72	.22	.82	– .10	.96	-1.02	3.29	.67	4.61	1.34	.84	-1.52	3.83	1.30	.47	-1.21	2.40	1.15	T	– .60	1.73	1.26	19.80	1.12
REDFIELD 6 E	.07		.06		.73		.95		3.01		4.56		.97		3.53		.48		2.37		T		–		–	
REDIG 9 NE	.05	– .52	.34	.01	.23	– .70	.60	– .74	1.12	– .86	1.87	– .97	1.22	– .60	2.65	1.42	.97	– .10	1.95	1.25	.14	– .42	.42	.00	11.56	– 2.23
REDOWL	–		–		–		–		–		–		–		3.20		1.23		E2.20		.19		1.41		–	
REE HEIGHTS 6 NW	–		–		–		–		–		4.05		1.38		2.05		.26		1.95		T		–		–	
ROCHFORD	.10	– .70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ROCHFORD RANGER STA R	.17		.23		.67		1.54		2.19		3.17		2.38		3.24		2.23		–		–		–		–	
ROCKHAM	–		–		–		–		–		–		–		–		.10		–		.10		–		–	
ROCKYFORD R	–		–		–		.41		–		–		–		–		–		–		–		–		–	
ROSCOE	.14	– .44	.50	.02	.60	– .77	.63	– .98	3.21	1.15	5.21	1.42	1.47	– .68	3.39	1.56	.47	-1.00	1.74	.96	T	– .63	1.44	1.22	18.80	1.83
ROSLYN	–		.27		1.23		1.15		2.17		3.91		3.98		2.60		.43		2.75		.19		E1.03		–	
RUMFORD	.09		T		.39		.62		1.28		4.05		3.56		.82		1.78		1.06		.05		.70		14.40	
SALEM	.16		.97		2.83		2.03		5.85		8.99		2.45		3.50		2.09		1.81		.39		1.79		32.86	
SCENIC	E .10		E .05		E .15		.55		.96		5.15		1.82		1.40		2.52		.67		T		.56		E13.93	
SHADEHILL DAM	E .60		–		–		.16		2.11		3.12		1.65		3.64		2.81		E2.34		.00		–		–	
SIOUX FALLS WB AP	.20	– .47	1.60	.86	2.70	1.39	2.33	– .18	4.37	.64	7.94	3.57	2.73	– .42	2.16	– .97	3.40	.74	1.51	– .05	.26	– .78	1.59	.87	30.79	5.20
SISSETON 3 ESE	–		–		–		.39	-1.94	2.29	– .73	5.37	1.37	4.32	1.08	3.59	.64	.35	-1.46	2.68	1.22	.31	– .22	–	–	–	–
SMITHWICK 6 SW	.18		.06		.68		.34		1.00		4.38		3.23		1.54		1.94		.59		.12		.43		14.49	
SPEARFISH 9 WNW	.20	– .53	.40	– .15	–	–	1.08	-1.19	1.39	-1.25	6.50	3.15	1.39	– .74	3.56	1.92	2.35	.45	–	–	–	–	.23	– .48	–	–
SPEARFISH AP 5 E	–	–	.38	– .33	.67	– .83	1.30	-1.10	1.53	-1.76	4.74	.95	1.69	– .49	3.77	2.15	2.65	1.03	1.83	.46	1.09	.15	–	–	–	–
STEPHAN R	–		–		–		1.43		3.34		2.58		2.31		–		.20		–		–		–		–	
STICKNEY R	.10		.63		1.65		2.02		4.01		4.90		3.54		2.44		2.37		–		–		–		–	
STRATFORD	–		–		–		–		–		3.76		2.47		3.63		.41		2.24		E .06		–		–	
STROOL 2 N R	–		.32		–		.77		1.30		1.93		.78		4.53		1.44		1.99		.15		–		–	
SULPHUR 2 W	.01		.43		.04		–		–		–		–		2.81		.79		2.81		.06		–		–	
THUNDER HAWK	E .55		1.00		.16		.49		2.09		3.68		3.17		3.62		1.80		1.95		.06		.42		E18.99	
TIMBER LAKE	.32	– .30	2.36	1.88	1.08	– .04	.64	-1.21	–	–	4.13	– .11	1.18	-1.19	5.09	3.24	2.24	1.01	3.28	2.46	.61	.17	2.81	2.44	–	–
TULARE	–		–		–		–		–		–		.95		3.64		.68		3.61		T		–		–	
TYNDALL R	.07	– .39	.09	– .54	2.09	.87	2.22	– .19	5.07	1.38	4.63	.98	1.93	-1.06	5.44	2.22	3.30	1.20	1.47	– .19	E .67	– .10	1.27	.75	E28.25	4.93
UNION CENTER	–		–		–		–		–		–		–		1.34		–		1.98		.32		1.18		–	
USTA	–		–		–		–		–		–		.99		3.38		1.16		3.21		.16		–		–	
VALE	.06	– .34	.24	– .05	.78	– .08	.78	– .92	3.13	.30	2.94	– .38	1.56	– .53	3.20	1.77	1.99	.57	2.11	.95	.11	– .41	.49	.06	17.39	.94
VAN METRE	.03		.53		.28		.44		2.59		4.63		2.92		3.06		1.41		4.39		.15		1.78		22.21	
VERMILLION	.08	– .48	2.45	1.65	2.28	1.07	4.77	2.26	4.65	1.09	7.22	3.17	2.42	– .74	8.19	5.21	3.04	– .12	1.97	.43	.57	– .47	.96	.29	38.60	13.36
VICTOR 5 NE	.74	.24	.82	.26	2.65	1.49	1.18	– .88	2.17	– .51	5.52	1.23	1.82	– .56	2.42	– .51	.92	-1.15	2.98	1.79	.82	– .02	1.98	– 1.48	24.02	2.86
VIVIAN	–	–	.50	.03	–	–	1.42	– .83	4.38	1.39	4.23	.66	2.15	.11	2.63	.86	–	–	1.33	.10	.24	– .35	1.89	1.52	–	–
WAGNER	T	– .90	.51	– .44	E2.09	.40	E2.31	– .36	6.11	2.76	7.98	4.32	1.14	-1.32	–	–	–	–	–	–	E .48	– .37	–	–	–	–
WASTA	–		.61		–		–		–		–		1.50		3.93		2.01		.67		.05		.54		–	
WATERTOWN CAA AP	.20	– .36	.21	– .30	1.85	.94	.83	-1.39	2.55	– .43	3.82	.12	4.08	1.40	5.00	2.13	.40	-1.74	2.24	.99	.08	– .64	.80	.33	22.06	1.05
WEBSTER 1 N	.35	– .33	.44	– .06	1.11	.13	.89	-1.15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WENTWORTH	.37	– .16	.71	.18	E3.16	2.10	1.86	– .40	4.06	.58	5.45	1.29	3.23	.22	4.51	1.37	1.95	– .58	1.02	– .49	.39	– .37	1.46	.92	E28.17	4.66
WESSINGTON	–		–		–		–		–		7.00		–		–		–		–		–		–		–	
WESSINGTON SPRINGS	–		–		–		–		–		–		1.71		3.49		1.30		2.47		.07		1.22		–	
WESSINGTON SPGS 9 S	.44	– .07	.74	.08	2.13	.41	2.57	.16	4.57	1.32	4.45	.33	1.90	-1.32	2.99	.84	1.52	.22	1.75	.31	.33	– .19	1.89	1.54	25.28	3.63
WESTPORT	–		–		–		–		–		3.77		3.00		1.51		.30		1.92		T		–		–	
WETONKA	–		–		–		–		–		4.84		3.48		2.11		1.20		1.97		T		–		–	
WEWELA	–		–		–		–		–		–		–		2.00		–		2.72		–		–		–	
WHITEHORSE R	–		.73		.49		.73		1.51		–		.55		3.75		.52		2.67		.09		–		–	
WHITE LAKE	.13	– .37	.61	.04	–	–	–	–	–	–	–	–	3.92	1.67	3.48	1.25	–	–	2.06	.90	.46	– .15	1.99	1.55	–	–
WILLETT	.10		.51		.12		.57		4.59		1.43		1.67		1.70		1.72		–		–		1.13		–	
WILMOT	.51		E .35		2.86		1.44		1.65		4.64		6.23		–		.51		3.21		.28		2.27		–	
WIND CAVE R	–		–		.56		.81		1.26		5.18		2.97		–		–		–		–		–		–	
WINNER	.02	– .49	.79	.21	.84	– .32	1.61	– .75	3.14	.44	5.27	1.93	2.03	– .30	5.33	3.21	5.73	4.59	2.23	.98	.24	– .15	1.86	1.49	29.09	10.84

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1952

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN AP CAA 2 E	1.65	0.85	2.08	1.25	1.15	0.37	0.33	7.51	1.40	1.58	3.10	1.00	2.02	0.94	0.60	2.12	0.10	1.81	T	1.50	1.22	0.31	0.20	0.44	14.10	9.88
ACADEMY	1.22	0.76 E	1.09	0.48	1.15	0.02	0.85	1.59	7.25	0.81 E	2.77	1.13	1.46	1.13	3.64	0.98	T	1.54	0	1.36	0.82	0.24	0.08	0.49	E15.33	5.57
ALEXANDRIA	1.12	0.59	0.40	0.24	0.95	0.33	0.89	1.64	1.60	1.64	4.25	0.23	1.42	1.47	3.50	0.88	0.39	1.77	T	1.40	0.95	0.27	0.10	0.41	15.67	6.93
ANDOVER 7 N	1.56		1.03		0.59		1.46		1.27		5.24		1.88		0.26		0.14		0.01		2.41		0.27		16.12	
ANGOSTURA DAM R	0.03		0.71		0.84		0.31		4.53		3.04		1.39		1.40		0.03		0.21		0.96		0.17		13.62	
ANTELOPE RANGE STATION	0.06		0.19	E	0.80	E	T		2.19		1.58		2.19		1.21		0.46		0.18		T		T		E 8.86	
ARDMORE R	0	0.39	0.56	0.14	0.47	0.37	0.08	2.01	4.21	1.26	1.74	0.98 E	0.78	1.24	1.90	0.29	T	1.06	0.20	0.89	0.66	0.21	0.29	0.14	E10.89	5.18
ARLINGTON	1.29	0.63	1.24	0.68	1.17	0.37	0.82	1.67	1.72	0.83	5.17	1.55	0.97	0.96	2.76	0.05	0.61	1.48	0	1.29	0.86	0.09	0.29	0.26	16.90	3.86
ARMOUR	2.23	1.69	1.00	0.36	1.81	0.66	1.53	0.80	2.30	0.84	3.22	0.75	1.74	0.50	2.44	0.61	0.10	1.78	0	1.45	0.80	0.14	0.24	0.41	17.41	4.29
ASHTON	1.15		0.94		0.55		7.56		0.56		9.26		1.80		1.28		0.16		0.01		1.69		0.21		19.97	
BELLE FOURCHE 2 NE R	0.06	0.31	0.33	0.06	0.42	0.34	0.04	1.65	2.50	0.28	1.60	1.24	3.07	1.34	0.73	0.60	0.04	1.28	0.01	0.82	0.06	0.43	0.05	0.34	8.91	5.33
BELLE FOURCHE 25 NNE	0.30		0.20		1.11		0.24		2.84		2.93		3.51		0.60		0.28		0.02		0.05		0.13		E12.21	
BISON	0.11	0.40	1.12	0.68	0.41	0.49	0	1.25	2.10	0.24	3.04	0.18	2.17	0.24	1.62	0.02	0	1.18	0	0.75	T	0.54	0.01	0.28	10.58	4.37
BIXBY DAM R	0.11		0.63		0.47		0.05		2.89		3.29		1.28		2.68		-									
BLUNT	0.74		1.49		1.04		0.12		1.91		5.28		0.54		3.03		0		0		1.25		0.12		E15.52	
BONILLA 4 SSW	0.96		0.69		0.81		0.39		0.82		3.15		3.08		2.97		0.02		T		1.10		8.07		14.06	
BOWDLE	0.33	0.15	0.79	0.30	0.51	0.54	0.30	1.48	1.26	1.39	2.31	1.55	0.85	1.57	1.59	0.84 E	0.99	0.43	0.06	1.04	1.35	0.90	0.07	0.31	E10.43	8.10
BRIDGEWATER	0.86		0.82		1.34		1.04		2.57		4.30		1.65		2.90		0.85		T		0.85		0.31		17.49	
BRITTON	0.82	0.32	1.16	0.53	0.46	0.27	0.29	1.57	1.00	1.67	3.17	0.68	2.41	0.06	0.47	2.40	0.05	1.92	0.02	1.17	1.28	0.58	0.33	0.10	11.46	8.29
BROOKINGS 1 NE	1.44	1.02	0.62	0.17 E	0.62	0.19	1.37	0.63	1.91	1.00	4.46	0.61	2.21	0.22	3.25	0.57	0.94	1.08	0	1.28	0.07	0.56	0.16	0.30	E17.05	2.89
BRYANT	1.29	E	0.56	E	0.63		0.76		0.78		3.76		3.04		2.08		0.18		T		1.50		0.60		E16.08	
BUFFALO GAP	0.10		0.77		0.80		0.32		4.87		3.08		1.47		1.90		0.24		0.20		0.84		0.18		14.77	
BUSKALA RANCH	0.17		0.65		1.38		0.66		8.63		1.90		2.27		1.45		0.59		0.30		0.82		0.43		19.25	
CAMP CROOK	0.09	0.41	0.53	0.14	0.62	0.32	0	1.13	2.29	0.05	1.28	1.72	2.60	0.82	0.88	0.48	1.52	0.45	0	0.65	T	0.41	T	0.33	E 9.90	3.99
CANISTOTA 2 N	0.83	0.14	0.84	0.05	1.78	0.51	1.13	1.05	3.43	0.47	3.86	0.16	2.00	0.24	1.84	1.37	0.70	1.65	0	1.09	0.77	0.09	0.25	0.35	17.43	4.83
CANTON	0.66	0.11	1.21	0.60	1.93	0.71	1.42	0.86	1.99	1.62	4.77	0.18	3.38	0.02	5.02	1.98 E	0.47	2.09	0	1.49	0.76	0.21	0.68	0.07	E22.29	2.60
CARTHAGE	0.92		0.18		0.35		1.50		1.06		3.29		1.97		1.98		0.83		0		1.31		0.16		13.55	
CASTLE ROCK R	0.18		-		1.04		0.20		-		1.58		1.69		1.06		0.65		0		0.04		-		-	
CASTLEWOOD	1.12	0.62	0.49	0.07	0.37	0.55	0.80	1.45	1.40	1.24	4.49	0.44	1.79	0.97	1.36	1.57	0.71	1.48	T	1.17	0.66	0.19	0.30	0.08	13.49	7.57
CEDARBUTTE	0.34		0.89		0.39		0.51		4.27		2.95		0.28		2.12		0.20		0		0.73		0.19		12.83	
CENTERVILLE	0.41	0.26	0.68	0.16	1.48	0.21 E	1.30	0.86 E	2.50	1.10 E	3.61	0.66	2.90	0.31	4.47	1.51	0.36	2.29	0	1.47	0.66	0.25	0.44	0.28	E18.81	5.92
CHAMBERLAIN	0.85		0.65		0.56		T		2.40		2.88		1.03		1.04		T		0		1.34		0.50		11.34	
CHEYENNE AGENCY	1.14		1.24		0.49		0.49		4.44		4.44		0.71		3.18		0.16		0.02		1.08		0.17		14.22	
CLARK	1.26	0.55 E	0.70	0.19 E	0.47	0.73	0.60	1.61	0.69	2.26	4.13	0.14	1.97	0.90	1.16	1.87	0.37	1.95	0.01	1.45	1.16	0.32	0.40	0.15	E13.01	9.72
CLEAR LAKE	1.77	1.30	1.49	0.87	1.59	0.26	0.52	1.90	1.62	2.21	7.46	3.34	1.29	1.95	1.35	2.17	0.84	1.45	0	1.47	0.84	0.10	0.32	0.14	18.80	5.42
COLUMBIA 8 N R	1.05		0.81		0.45		0.29		0.82		3.23		1.11		0.72		0.18		T		1.21		0.26		E10.13	
CONDE	1.53	E	1.31	E	0.78	E	0.43	E	0.36		5.62		2.39		1.67		0.08		0.07		1.37		0.48		E16.09	
COTTONWOOD 2 E	1.30	0.93 E	1.64	1.13	1.80	1.15	0.14	1.71	3.46	0.81	5.77	3.11	1.16	0.84	0.27	1.33	0.58	0.45	0	0.87	0.69	0.27	0.12	0.21	E16.71	1.99
CRESBARD 7 NW	0.50		1.23		1.60		T		0.63		3.30		1.96		2.76		0.07		T		1.24		0.13		E13.44	
CUSTER	0.07	0.38	0.33	0.12	0.88	0.00	0.13	1.93	7.96	5.10	3.41	0.54	2.02	0.84	2.38	0.06	0.15	1.14	0.20	1.00	0.26	0.22	0.01	0.35	17.80	.40
CUSTER 8 SW	0.05		0.23		0.95		0.12		5.82		3.24		2.38		1.28		0.29		0.20		0.37		0.13		E15.06	
DATE 4 SSE	0.24		1.09	E	0.66	E	T		3.05		4.74		2.45		3.22		0.26		0.05		T		T		E15.76	
DEADWOOD	0.31	0.99	0.98	0.05	1.97	0.30	0.51	3.03	9.20	4.92	1.36	2.73	3.88	0.36	1.55	0.76	0.25	2.01	0.30	1.66	1.40	0.10	0.60	0.79	22.31	7.14
DEERFIELD 5 NW R															-				0.21		0.47		0.41		-	
DEERFIELD DAM	0.02	0.56	0.56	0.18	0.86	0.04	0.78	1.06	8.69	8.10	1.70	1.61	2.03	0.86	1.67	0.46	0.23	1.13	0.18	0.91	0.44	0.08	0.08	0.30	17.24	.65
DE SMET	1.49	0.90	0.41	0.14	1.04	0.05	0.89	1.31	0.75	2.12	3.84	0.18	1.83	0.86	1.94	0.61	0.75	1.16	0	1.53	1.81	1.20	0.51	0.03	15.26	5.89
DEWEY	0.03		0.29		0.98		0.11		3.05		2.78		1.69		1.30		0		0.27		0.55		0.02		11.95	
DEWEY 9 NE R	0		0.32		1.33		0.24		4.12		2.98		2.74		1.20		0.49		0.20		0.81		0.04		14.47	
DEWEY 15 NNE	0.01		0.35		1.18		0.11		4.14		3.29		2.02		1.46		0.11		0.09		0.88		T		13.44	
DUMONT	0.21	1.18	0.68	0.35	1.62	0.07	0.73	1.72	9.09	6.40	1.72	1.62	2.55	0.16	1.40	0.53	0.65	0.81	0.13	1.13	1.20	0.17	0.67	0.39	20.65	1.39
DUPREE R	0.17	0.53	0.99	0.43	0.29	0.73	0.22	1.40	2.59	0.76	2.39	1.33	1.69	0.10	2.29	0.79	0.33	0.64	0.03	0.77	T	0.70	0.13	0.26	11.12	4.58
DUPREE 18 S	0.21		0.99		1.16		T		1.83		2.93		2.25		3.55		0.20		0		0.02		0.05		13.19	
EAGLE BUTTE	0.20		2.25		0.60		0.01		1.79		2.91		1.75		2.26		0.28		0.02		0.02		0.20		12.28	
EDGEMONT 10 N	T		0.38		1.08		0.14		3.72		5.01		1.05		1.18		0.15		0.29		0.73		0.12		13.85	
ELLINGSON 1 NE	0.11		0.49		0.39		T		1.91		0.93		1.79		2.18		T		T		T		T		7.80	
ELM SPRINGS 1 S	0.24		0.95		0.65		0.05		2.86		3.79		1.15		0.91		0.23		T		0.14		0.08		11.05	
EUREKA R	0.47	0.10	0.87	0.46	0.46	0.13	T	1.47	0.95	1.35	3.66	0.30	1.11	1.17	2.03	0.14	0.48	0.99	0.05	0.87	0.38	0.07	0.32	0.00	10.72	5.33
FAIRFAX	1.57	1.07 E	1.93	1.28	1.90	0.86	1.15	1.16	4.10	0.69	3.38	0.48	1.86	0.89	3.08	0.25	0.54	1.13	0	1.36	1.52	1.00	0.58	0.13	E21.61	0.26
FAITH	0.28	0.16	1.71	1.21 E	0.34	0.76	0	1.65	3.14	0.58	2.60	0.67	1.65	0.30	2.84	1.74	1.23	0.21	0	0.87	1.0	0.44	0.03	0.23	E13.82	1.34
FARMINGDALE 2 N	T		0.39		0.37		0.06		3.61		2.76		1.45		0.62		0.07		0.01		0.15		T		9.49	
FAULKTON	0.73	0.25	0.65	0.09 E	0.77	0.38	T	2.35	0.99	1.82	3.71	0.29	2.06	0.15	1.69	0.60	T	1.45	0.02	1.13	1.10	0.46	0.55	0.16	E12.27	8.63
FLANDREAU 4 SW	1.24	0.74	1.01	0.45	1.37	0.32	1.08	1.23	2.19	1.22	6.89	2.76	2.63	0.07	3.13	0.18	0.58	1.82	0	1.43	0.25	0.70	0.29	0.28	20.66	2.30
FORESTBURG 3 NE	1.72	1.13	1.09	0.51	0.98	0.25	0.45	1.98	1.74	1.33	3.27	0.50	0.63	2.10	6.17	3.89	0.34	1.39	0.04	1.25	0.74	0.10	0.13	0.43	17.18	3.60
FT MEADE	0.24		0.34		0.37		0.12		4.83		1.91		2.94		1.71		0.17		0.06		0.25		0.01		17.95	
FORT THOMPSON 6 ENE	0.49		0.61	E	0.59	E	0.18		1.33		4.03		0.43		1.33		0		T		1.00		0.20		E10.19	
FREDERICK	2.19	E	2.14		1.19		0.75		0.38		2.47		0.88		0.42		0.14		T		2.09		0.28		E12.93	
GANNVALLEY	1.09	0.52	0.14	0.34	0.31	0.68	0.10	1.72	1.25	1.65	3.87	0.39	1.04	1.76	2.48	0.14	0	1.51	0.02	1.09	0.98	0.02	0.23	0.30	11.21	8.30
GELHAUS FARM	0.75	0.16 E	0.72	0.5	0.35	1.01	1.22	0.98	1.46	1.33	4.05	0.08	1.97	0.79	1.20	1.41	0.61	1.31								
GETTYSBURG	0.80	0.43	2.08	1.65	0.57	0.41	0.03	1.54	1.32	0.84	7.55	4.19	0.98	0.97	3.33	1.99	0.61	0.53	0.03	0.56	1.06	0.67	0.25	0.05	18.70	4.13
GLAD VALLEY	0.27		1.27		0.49		0		1.84		3.42		2.26		1.91		0.15		T		T		0.08		11.69	
GLENHAM	0.60	0.21	0.54	0.14	0.27	0.45	0.15	0.98	2.40	0.34	3.22	0.17	0.61	1.25	1.36	0.51	0.19	1.01	0	0.76	T	0.43			-	
GREGORY	1.15	0.68	1.02	0.53	1.38	0.28	0.71	1.67	3.47	0.28	4.12	0.48	0.68	1.71	2.53	0.23	0.37	1.09	0	1.44	1.34	0.76	0.58	0.25	17.15	2.42
HARDING 3 SSE	0.10		-	E	1.25		T		-		-		-		-		-		0.01		0.05		T		-	
HAYES 5 ESE	0.78		2.35		0.99		T		1.86		4.89		0.92		1.75		0.11		0.05		0.57		0.22		14.49	
HERMOSA 3 W	0.03	0.36 E	0.58	0.24 E	0.82	0.15 E	0.20	1.66	6.20	2.69	3.17	0.42	1.48	1.04	2.52	0.52 E	0.13	1.08	0.13	0.86	0.15	0.25	0.13	0.24	E15.54	2.61
HIGHMORE 1 W R	0.88	0.48	1.15	0.78	0.95	0.12	0.02	1.84	1.07	1.53	3.33	0.02	1.07	1.28	3.08	1.02	0	1.39	0	1.08	0.77	0.27	0.13	0.23	12.45	4.90
HIGHMORE 25 N									1.47		4.22		1.44		4.35		T		T		0.70		0.28		-	
HILLAND 6 NW	0.33	0.13	1.49	1.08	1.11	0.34	0	1.72	1.80	1.05	4.07	0.79	1.27	0.91	3.08	1.19	0.40	0.78	0	0.94	0.16	0.35	0.11	0.29	13.82	2.77
HOLABIRD 22 N	0.83	E	1.29	E	0.76	E	0.05																		-	
HOPEWELL 1 SE R	0.39		1.85		1.00		0.35		1.48		4.08		0.65		3.68		0.22		T		0.10		0.11		E13.91	
HOT SPRINGS	0.03	0.61	0.66	0.16	0.94	0.16	0.22	1.84	4.30	1.32	3.00	0.08	0.70	1.59	0.88	1.03	0.22	1.09	0.17	1.08	0.61	0.03	0.21	0.32	11.94	6.13
HOT SPRINGS 7 W	T		0.57	E	0.97		0.13		3.66		3.72		0.38		1.10		0.23		0.18		0.78		0.28		E11.50	
HOT SPRINGS 9 SW	T		0.67		0.89		0.29		3.22		2.72		0.42		1.00		0.17		0.25		0.81		0.30		10.74	
HOWARD	1.17	0.70	0.25	0.29 E	0.84	0.27	0.65	1.65	2.09	0.76	6.12	2.29	1.25	1.79	2.11	0.60	0.46	1.78	0	1.43	1.06	0.38	0.14	0.38	E16.14	5.58
HURON WB APT 2 NW R	1.12	0.56	0.79	0.23	0.70	0.21	0.30	1.94	0.51	2.47	2.70	1.09	1.06	2.10	1.34	1.12	0.10	1.47	T	1.28	1.01	0.42	0.09	0.48	9.72	10.95
HURON 4 SSE	-		-		-		0.22		0.57		3.14		0.93		-										-	
IPSWICH	1.18	0.74	1.35	0.90	0.52	0.39	0.14	1.81	1.00	1.91	3.43	0.08	1.15	1.22	2.40	0.01	0.11	1.45	0	1.09	1.12	0.63	0.10	0.24	E12.70	5.91
IROQUOIS	1.46		0.45		0.78		0.35		0.55		3.48		1.34		2.71		0.89		0		1.28		0.20		13.49	
ISABEL 15 N R	-		0.89		-		0.03		1.93		-		1.48		1.23		0.27		0.02		0.02		-		-	
KADOKA											5.11		0.91		1.70		0.40		0		0.62		0.25		-	
KELORON 17 SSW	-		-		-		-		-		2.47		2.81		-		-		-		-		-		-	
KENNEBEC	0.96	0.40	0.52	0.01	0.50	0.43	0.31	1.62	2.75	0.20	2.61	0.52	0.52	1.60	2.30	0.32	T	1.18	0	1.05	2.17	1.68	0.34	0.15	E12.98	3.96
LA DELLE 7 NE	1.38	0.80	0.37	0.11	0.51	0.54	0.18	2.14	0.55	2.66	3.90	0.36	1.64	1.43	2.12	0.95	0.05	2.09	0	1.94	1.42	0.64	0.33	0.18	12.45	10.56
LADNER 4 SW R	-		-		-		-		1.85		2.13		0.88		-		0.19		0		0		-		-	
LEAD	0.26	0.79	0.85	0.00	1.72	0.07	0.45	2.52	9.35	5.74	1.03	2.76	3.47	0.85	1.15	0.75	0.10	1.84	0.18	1.40	0.85	0.21	0.54	0.43	19.95	3.84
LEMMON	0.36	0.10	0.93	0.40	0.35	0.51	0.07	1.18	1.27	0.88	2.65	1.02	2.17	0.47	1.92	0.47	0.08	1.20	T	0.76	0.01	0.52	T	0.41	9.81	5.33
LEOLA	1.06	0.65	1.48	1.08	0.64	0.39	0.50	1.52	0.88	1.71	4.09	0.83	0.47	1.69	1.07	1.84	0.23	1.38	T	0.99	1.03	0.54	0.13	0.22	11.56	6.66
LITTLE EAGLE	-		-		-		-		-		-		-		1.00		0.34		0.02		T		0.20		-	
LODGEPOLE 9 S R	0.24		-		-		0.25		1.71		1.38		2.03		-		0.02		0		0		0		-	
LONGVALLEY	0.20	0.20	0.76	0.40	0.84	0.42	0.13	1.88	5.25	2.47	3.26	0.62	0.30	1.60	1.32	0.19	0.19	0.74	T	1.26	0.81	0.36	0.24	0.00	E13.30	2.44
LUDLOW 2 NW	0.10	0.27	1.68	1.50	0.52	0.03	0	1.17	2.10	0.14	1.71	2.12	1.81	0.27	0.75	0.58	0.13	0.90	0	0.66	T	0.38	T	0.26	E 8.80	4.84
MADISON	1.13		1.82		2.20		0.76		2.39		5.40		2.55		1.62		0.65		0		0.81		0.23		19.56	
MANDERSON	T		0.64		1.11		0.45		4.53		3.91		0.51		1.93		0.23		0.09		1.00		0.10		14.50	
MARION	0.53	0.09	1.13	0.14	1.62	0.08	1.19	1.16	2.06	1.59	4.30	0.27	2.83	0.51	3.49	0.43	0.47	2.22	0	1.63	0.47	0.50 E	0.22	0.44	E18.31	7.71
MARTIN	0.02	0.43	0.30	0.16	0.42	0.42	0.30	1.75	3.61	0.87	3.12	0.03	0.43	1.75	2.96	1.25	0.32	0.61	0.05	1.09	0.47	0.07	0.11	0.08	12.11	4.13

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1953

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN CAA AP R //	.95	0.15	1.07	0.26	1.07	- 0.48	5.13	2.29	2.88	- 0.18	8.41	4.31	1.26	- 1.70	4.21	1.40	.40	- 1.51	.58	- 0.92	.96	0.05	.76	0.01	27.69	3.71
ACADEMY	.69	0.23 E	2.24	1.63 E	.45	- 0.68	4.01	1.57	2.11	- 0.95	6.54	2.64	1.27	- 1.32	4.75	2.09	.10	- 1.44	.17	- 1.19	.52	0.00 E	1.05	0.48	E23.90	3.00
ALEXANDRIA	.37	- 0.10	.60	0.10	1.25	- 0.03	3.16	0.55	2.65	- 0.59	5.21	1.19	1.41	- 1.48	3.90	1.28	.35	- 1.81	.47	- 0.93	1.19	0.51	1.27	0.76	22.05	- 0.55
ANDOVER 7 N	.70		.75		.69		2.72		4.06		5.65		1.98		3.55		.64		.58		1.21		1.80		24.33	
ANGOSTURA DAM	.84		.98		.46		2.86		1.42		2.14		1.62		1.23		.79		.26		.29		.31		13.20	
ANTELOPE RANGE STATION E	.22		.45	E	.67		2.40		3.09		3.11		1.90		2.68		.27		.75		.27		.17		E15.98	
ARDMORE	.75	0.36	1.44	1.02	.50	- 0.34	2.44	0.35	.55	- 2.36	2.65	- 0.07	.58	- 1.44	2.12	0.51	.39	- 0.67	.23	- 0.86	.25	- 0.20	.50	0.07	12.44	- 3.63
ARLINGTON	.88	0.22	1.32	0.76	1.13	- 0.41	4.23	1.74	3.59	1.04	5.27	1.65	4.60	2.67	2.03	0.68	.48	- 1.61	.32	- 0.97	1.00	0.23	.55	0.00	25.40	4.64
ARMOUR	.73	0.19	1.75	1.11	.74	- 0.41	3.93	1.60	3.57	0.43	3.70	- 0.27	1.01	- 1.23	8.17	5.12	.22	- 1.66	.23	- 1.22	1.91	1.25	1.71	1.06	27.67	5.97
ASHTON	.38		1.34		1.28		4.34		2.10		5.73		6.72		3.14		.41		1.10		.67		.52		27.73	
BELLE FOURCHE 2 NE	.53	0.16	.51	0.24	.20	- 0.56	2.46	0.77	2.35	0.13	3.53	0.69	1.11	- 0.62	3.37	2.04	.37	- 0.95	.25	- 0.58	.61	0.12	.07	- 0.32	15.36	1.12
BELLE FOURCHE 25 NNE	1.74		1.57		.43		3.24		2.83		6.07		1.20		3.39		.74		.40		.91		.20		22.62	
BISON	.49	- 0.02	.60	0.16	1.98	1.08	2.54	1.29	3.88	1.55	5.55	2.33	1.89	- 0.04	2.97	1.37	.31	- 0.87	.95	0.20	.28	- 0.28 E	.11	- 0.18	E21.56	0.61
BLUNT	.32		1.27 E		1.72		4.32		3.62		7.30		2.16		7.97		T		1.33		.49		.62		E31.12	
BONILLA 4 SSW	.54		.97		1.52		4.50		1.91		4.58		1.46		1.22		.48		.24		.78		.48		18.68	
BOWDLE	1.68	1.20	.59	0.10	1.83	0.78	2.96	1.18	3.54	0.89	6.94	3.04	3.64	1.22	3.01	0.58	.93	- 0.49	.69	- 0.41	.34	- 0.11	.38	0.01	26.54	8.01
BRIDGEWATER E	.29	E	.97	E	1.55	E	3.96		5.71		5.63		1.30		4.27		.82	E	.71		.63		1.74		E27.67	
BRITTON	.50	- 0.00	.16	0.47	.14	- 0.59	2.88	1.00	4.39	1.72	4.58	0.73	1.63	- 0.72	3.78	0.91	.20	- 1.77	.47	- 0.72	.38	- 0.32	.36	- 0.07	19.45	- 0.30
BROOKINGS 1 NE	.46	0.04	1.40	0.95	1.14	0.33	3.51	1.51	3.58	0.67	6.40	2.55	3.24	0.81	3.85	1.17	.28	- 1.74	.79	- 0.49	1.16	0.53	.93	0.47	26.74	6.80
BRYANT	.81		3.40		2.90		5.91		3.88		7.27		6.72		1.65		.30		.42		.80		1.60		35.64	
BUFFALO GAP	1.07		1.02	E	.78		2.44		1.42		1.62		1.69		.68		1.04		.19		.56		.12		E12.63	
BUSKALA RANCH	1.73		1.56		.79		3.58		3.28		4.00		3.23		3.95		.71		.34		.97		1.22		25.35	
CAMP CROOK	.43	- 0.07	.46	0.09	.77	- 0.17	1.88	0.75	1.78	- 0.46	4.31	1.31	2.46	0.62	2.21	0.85 E	.43	- 0.64	.21	- 0.44	.17	- 0.24	.06	- 0.27	E15.22	1.33
CANISTOTA 2 N	.40	- 0.29	1.21	0.47	1.60	0.33	4.67	2.49	4.70	1.74	6.46	2.44	1.85	- 0.34	3.26	0.05	1.47	- 0.88	.30	- 0.79	1.04	0.23	1.04	0.44	28.05	5.79
CANTON	.77	0.22	1.74	1.13	2.31	1.09	5.13	2.85	3.07	- 0.54	4.07	- 0.52	1.94	- 1.42	4.18	1.14	1.96	- 0.60	1.03	- 0.46	1.24	0.27	1.58	0.97	29.02	4.13
CARTHAGE	.63		1.33		.88		4.19		2.60		7.30		2.90		.81		1.23		.46		.92		.80		24.05	
CASTLEWOOD	.78	0.28	1.24	0.82	.60	- 0.32	4.03	1.76	2.58	- 0.06	5.72	1.67	4.14	1.38	.81	- 2.12	.18	- 2.01	.30	- 0.87	1.20	0.41	1.10	0.72	22.74	1.68
CEDARBUTTE	.91		1.34		.87		3.30		1.40		4.43		1.10		2.74		.21		1.00		.41		.14		17.85	
CENTERVILLE	.89	0.22	1.79	0.95	1.70	0.43	5.08	2.92	2.58	- 1.04	3.90	- 0.37	2.84	- 0.37	4.74	1.78	1.60	- 1.05	.61	- 0.86	1.60	0.69	1.69	0.97	29.00	4.27
CHAMBERLAIN	.64		1.18		.74		3.62		2.02		3.81		1.85		.70		.17		.50		1.16		1.00		17.39	
CHEYENNE AGENCY	.77		.80		1.44		3.40		2.50		4.58		1.41		2.74		.29	E	.98		.63		.83		E20.37	
CLARK	.57	- 0.19	1.14	0.56	.79	- 0.41	4.31	2.10	2.87	- 0.08	7.01	3.02	7.67	4.80	2.05	- 0.98	1.06	- 1.26	.52	- 0.94	1.29	0.45	.77	0.22	30.00	7.27
CLEAR LAKE	1.12	0.65	1.82	1.20 E	.92	- 0.41	4.53	2.11	3.26	- 0.37	5.90	1.84	5.09	1.85	1.38	2.14	.32	- 1.97	.56	- 0.93	1.16	0.42	1.81	1.35	E27.91	3.60
COLUMBIA 8 N E	.46	E	.90	E	.96		5.65		3.18		7.93		.87		2.03		.28	E	.62	E	.30		.30		E23.48	
CONDE E	.61	E	.65	E	.86		3.47		2.68		7.06		5.21		4.37		.20	E	.22	E	.64	E	.98		E26.96	
COTTONWOOD 2 E	1.74	1.37	1.82	1.51	1.57	0.92	3.33	1.48	1.24	- 1.41 E	3.41	0.75	1.50	- 0.50	1.45	- 0.15	.07	- 0.94	1.98	1.11	.16	- 0.26	.31	- 0.02	E18.58	3.86
CRESBARD 7 NW	.07		.80		1.05		3.80		2.06		5.17		4.14		3.00		.22		.58		.42		.32		21.63	
CUSTER	.95	0.50 E	.47	0.02	.89	0.01	2.48	0.42 E	1.16	- 1.70	2.40	- 0.47	1.20	1.66	4.10	1.66	.39	- 0.90	.17	- 1.03	.67	0.19	.06	- 0.30	E14.94	- 3.26
CUSTER 6 SW	1.54		1.37		1.27		1.88		1.58		2.71		2.30		2.21		.18		.28		.54		.05		14.91	
DATE 6 SE	.35		.53	E	1.93		1.54		3.54		6.01		1.51		2.27		.07		.66	E	.53	E	.29		E19.23	
DEADWOOD	2.73	1.43	3.31	2.28	.95	- 1.32	5.30	1.76	5.55	1.27	4.63	0.54	1.52	- 2.00	2.19	- 0.12	.59	- 1.67	.50	- 1.46	1.73	0.23	1.26	- 0.13	30.26	0.81
DEERFIELD DAM	.72	0.14	1.20	0.82	1.61	0.79	2.56	0.72	1.59	- 1.00	3.19	- 0.12	1.79	- 1.10	1.88	0.25	.16	- 1.20	.24	- 0.85	.52	0.00	.74	0.36	16.20	- 1.69
DE SMET	.51	- 0.08	1.50	0.95	.82	- 0.27	5.38	3.16	3.70	0.83	5.69	1.67	4.21	1.52	1.46	- 1.09	.71	- 1.20	.57	- 0.96	1.04	0.43	1.55	1.01	27.14	5.99
DEWEY	.80		.90		.16		1.62		.53		2.74		1.13		1.50		.14		.36		.68		.08		E10.70	
DEWEY 15 NNE	1.09	E	.33		1.59		1.72		.97		2.48		2.21		3.42		.13		.57		1.11		.03		E15.65	
DUMONT 2 ENE	2.36	0.97	2.78	1.75	1.57	- 0.12	3.94	1.49	4.47	1.78	3.72	- 0.38	2.09	- 0.62	4.52	2.59	.40	- 1.08	.44	- 0.82	1.20	0.17	1.62	0.56	29.11	7.07
DUPREE	.42	- 0.28	.32	- 0.24	1.94	0.92	2.07	0.45	3.63	1.80	5.98	2.24	1.88	0.10	2.15	0.65	.53	- 0.44	1.52	0.72	.16	- 0.54	.11	- 0.38	20.70	9.00
DUPREE 16 S	.15		.72		2.28		3.51	E	2.17		3.60		2.70		3.10		.76		2.53		.13		T		E21.65	
EAGLE BUTTE	.35		1.40		1.68		1.90		2.46		5.37		1.93		3.30		.63		1.49		.50		.11		21.12	
EDGEMONT 10 N	1.01		1.38		.53		1.82		.87		1.96		1.28		.95		.67		.24		.49		.22		11.42	
ELLINGSON 1 NE	.55		.70		1.58		2.23		5.27		4.90		2.38		2.81		.23		.64		.30		.22		21.81	
ELM SPRINGS 1 S	.72		.80		2.73		2.92		2.07		4.30		1.29		2.08		.37		.96		.47		.26		18.97	
EUREKA	.53	0.24	.45	0.04	1.32	0.73	2.68	1.21	4.86	2.56	6.67	3.31	2.22	- 0.06	1.65	- 0.52	1.37	- 0.10	1.06	0.14	.15	- 0.30	.43	0.11	23.41	7.36
FAIRFAX	.97	0.47	2.98	2.34	1.46	0.87	5.81	3.50	4.49	1.08	5.02	- 0.84	4.43	1.68	2.78	0.05	.26	- 1.41	.61	- 0.75	.91	0.39	1.20	0.75	29.33	7.98
FAITH	.95	0.51	.91	0.41	1.30	0.20	1.93	0.28 E	2.68	0.12	6.98	3.71	.36	- 1.59	3.12	2.02	.24	- 0.78	1.05	0.18	.14	- 0.30	.15	- 0.11	E19.81	4.65
FARMINGDALE 2 N	.28	E	1.88	E	.76		2.47		1.65		3.31		.62		1.69		1.21		.27		.58		.14		E14.86	
FAULKTON	.17	- 0.36	.13	0.43	1.46	- 0.31	4.35	2.00	2.17	- 0.64	4.73	1.31	7.05	4.84	3.99	1.70	.78	- 0.67	.60	- 0.55	.25	- 0.39	.36	- 0.03	25.99	7.09
FLANDREAU 4 SW	.52	0.02	.68	0.12	1.19	0.14	3.82	1.51	3.80	0.39	4.23	0.10	1.43	- 1.27	2.72	- 0.23	1.76	- 0.66	.51	- 0.92	1.39	0.44	.73	0.16	22.78	- 0.18
FORESTBURG 3 NE	.70	0.11	1.09	0.51	1.36	0.25	4.31	1.88	2.50	- 0.57	4.61	0.84	2.87	0.14	1.42	- 0.86	.54	- 1.19	.28	- 1.01	1.64	1.00	1.24	0.68	22.56	1.78
FT MEADE	.63		1.71		.44		2.91		2.67		4.25		1.80		2.93		.05		.06		.78		.04		18.27	
FORT THOMPSON 3 ENE	.30		1.05		.90		3.00	E	1.63		4.30		1.90		1.55		.00		.90		.70		.90		E17.13	
FREDERICK E	.48		.88		2.00		5.67		3.02		7.34		1.31		2.10		.41		.56		1.14		.33		E25.31	
GANNVALLEY	.35	- 0.22	.88	0.39 E	.66	0.33	2.83	0.92	1.79	- 1.11	4.74	1.26	3.03	0.23	1.54	- 1.08	.15	- 1.36	.40	- 0.71	.48	0.12	.41	- 0.12	E17.20	- 2.25
GETTYSBURG	.58	0.22	.55	0.12	1.66	0.68	3.23	1.66	2.27	0.11	5.70	2.34	2.63	0.68	4.10	2.76	.52	- 0.62	1.15	0.56	.42	0.03	.81	0.51	23.62	9.05
GLAD VALLEY	.42	E	.60		1.91		2.10		2.84		6.02		1.69		4.29		.04		1.68		.28		.13		E22.00	
GREGORY	.70	0.23	3.00	2.51	.87	- 0.23	4.37	1.99	3.18	- 0.01	5.20	1.58	1.45	- 0.74	1.58	- 0.72	.13	- 1.33	.58	- 0.86	1.69	1.11	1.41	1.08	24.16	4.59
HARDING 3 SE E	.59		.24		.61		1.82		2.57		4.34		1.34		2.78		.72		.24		.65		.27		E16.17	
HAYES 5 ESE	.72		.76		2.35		3.07		1.77		3.94		2.48		3.73		.10		1.85		.49		.65		21.91	
HERMOSA 3 W	.75	0.36	1.57	1.23	1.08	0.11	3.48	1.62	1.13	- 2.38	2.65	- 0.94	.41	- 2.11	2.55	0.55	.56	- 0.65	.20	- 0.79	.85	0.45	.05	- 0.32	15.28	- 2.87
HIGHMORE 1 W	.46	0.06	1.58	1.21	1.25	0.18	3.58	1.72	2.57	0.03	4.58	1.27	1.69	0.66	6.67	4.61	.09	- 1.30	.59	- 0.49	.56	0.06	.43	0.07	24.05	6.70
HIGHMORE 25 N	.17		.64		.72		2.90		1.94		6.34		2.91		3.34		.31		.77		.22		.44		20.70	
HILLAND 4 NNW	.87	0.41	1.35	0.94	2.03	1.26	3.00	1.28	1.51	- 1.34	4.00	0.72	1.80	0.38	5.47	3.58	.38	- 0.80	1.23	0.29	.33	0.18	.32	- 0.08	22.29	9.70
HOPEWELL 1 SE	.14		.69		1.94		2.77		2.62		3.56		2.29		1.38		.45		1.82		.22		.42		18.30	
HOT SPRINGS	.87	0.23	.78	0.28	.22	- 0.88	2.71	0.19	1.52	- 1.46	2.11	- 0.81	1.70	- 0.59	1.24	- 0.67	1.31	0.00	.15	- 1.10	.67	- 0.11	.12	- 0.61	12.70	- 5.37
HOT SPRINGS 7 W	1.29		1.26		1.22		2.63		1.38		1.94		1.12		.90		.80		.20		.33		.15		13.22	
HOT SPRINGS 9 SW	1.00		1.33		.43		2.16		1.22		1.70		.78		1.08		1.20		.06		.08		.32		11.36	
HOWARD	.66	0.19	1.19	0.65	1.01	- 0.10	4.52	2.22	3.40	0.55	4.35	0.52	2.21	- 0.83	2.39	0.32	1.30	- 0.94	.48	- 0.95	1.61	0.93	1.18	0.66	24.30	2.58
HURON WB AP R	.36	- 0.21	1.48	0.99	1.45	0.30	3.84	1.92	1.69	- 0.56	5.42	2.36	1.79	- 0.29	1.28	- 0.70	.40	- 1.33	.31	- 0.95	1.05	0.39	1.37	0.92	20.44	2.90
IPSWICH	.22	- 0.22	.29	- 0.16 E	.89	- 0.02	3.75	1.78	2.42	- 0.58	5.94	2.45	1.51	- 0.86	1.45	- 1.05	.43	- 1.13	.66	- 0.43	.37	- 0.12	.56	- 0.22	E18.49	- 0.12
IROQUOIS	.90		1.48		.98		3.14		2.70		5.11		3.03		.79		1.94		.03		.69		.81		21.60	
KADOKA E	1.01	E	3.39		2.60	E	3.53		2.19		2.07		3.19		4.99		.05		1.91		.16		.45		E25.54	
KELDRON 11 S E	.23	E	.27	E	1.99		1.44		4.32		7.38		1.82		4.04		.39		1.18		.09		.21		E25.33	
KENNEBEC	.10	- 0.46	1.21	0.68	.74	- 0.19	4.07	2.14	1.87	- 0.68	3.78	0.65	1.56	- 0.56	1.25	- 0.73	.11	- 1.07	1.08	0.01	.26	- 0.23	.47	0.02	16.48	- 0.46
LA DELLE 7 NE	.48	- 0.10	.97	0.49	1.03	- 0.02	3.69	1.37	2.76	- 0.45	6.68	2.62	6.86	3.79	1.77	- 1.30	.44	- 1.70	.38	- 1.16	.94	0.16	.97	0.46	26.97	3.96
LEAD	1.92	0.87	2.34	1.49	1.11	- 0.54	4.01	1.04	4.28	0.67	3.84	0.05	1.69	- 0.93	2.67	0.77	.32	- 1.42	.34	- 1.24	1.25	0.19	1.16	0.19	24.93	1.14
LEMMON	.42	- 0.13	.25	- 0.28	2.00	1.14	2.75	1.50	4.70	2.55	5.90	2.23	1.75	0.05	2.37	0.92	.55	- 0.73	1.19	0.43	.30	- 0.23	.16	- 0.25	22.34	7.20
LEOLA	.78	0.37	.75	0.35	1.52	0.49	4.67	2.65	3.67	1.08	6.41	3.19	1.87	- 0.29	1.16	1.75	.56	- 1.05	.56	- 0.43	.47	- 0.02	.55	0.20	22.97	4.78
LITTLE EAGLE	.39		.36		1.89		2.86		2.34		8.25		.84		3.30		.54		1.33		.13		.20		22.49	
LONGVALLEY E	.70	0.30 E	1.49	1.13	1.82	0.56	4.52	2.51	2.14	- 0.64	4.01	1.37	.71	- 1.19	2.01	- 0.50	.26	- 0.67	1.82	0.56	.50	0.05	.17	- 0.07	E20.15	4.41
LUDLOW 2 NW	.45	0.13	.48	0.30	.57	0.08	2.15	1.03	2.40	0.44	5.85	2.02	.89	- 1.19	2.22	0.89	.16	- 0.87	.45	- 0.21	.57	0.19 E	.24	- 0.02	E16.43	2.79
MADISON	.53		1.72		1.81		5.04		5.09		4.58		1.89		3.14		.90		.42		.77		.52		26.41	
MANDERSON	.60		1.17		.98		3.43		1.71		2.70		1.11		.64		.35		2.04		.43		.33		14.79	
MARION	.35	- 0.27	.89	0.10	1.79	0.25	4.93	2.58	3.80	- 0.15	4.55	0.03	1.30	- 2.04	1.92	1.14	2.26	- 0.43	.40	- 1.23	1.46	0.49	1.82	1.16	25.47	- 0.55
MARTIN	.24	- 0.21	1.03	0.57	1.15	0.31	2.43	0.38	1.07	- 1.67	3.97	0.82	2.49	0.31	1.77	0.06	.77	- 0.16	1.42	0.28	.26	0.14	.26	0.07	16.86	0.62
MC INTOSH	.19	- 0.20	.26	- 0.18	1.59	0.81	2.84	1.40	5.81	3.75	5.68	1.94	2.86	1.13	2.55	0.91	.74	- 0.67	1.76	0.93	.21	0.19	.26	0.11	24.75	9.52
MC LAUGHLIN	.35	- 0.09	.57	0.03	2.15	1.39	3.64	2.19	3.60	1.54	4.92	1.39	1.17	- 0.81	2.23	0.43	.52	- 0.93	1.27	0.41	.42	- 0.17	.19	0.13	21.03	5.25
MELLETTE	.15	- 0.49	.84	0.19	1.43	0.33	5.53	3.32	2.66	- 0.18	7.27	3.77	4.63	2.11 E	3.80	1.39	.31	- 1.45	.86	- 0.43	.45	- 0.29	.53	0.04	E28.46	8.31
MENNO	.44	- 0.18	1.59	0.78	1.06	- 0.17	4.29	2.04	3.80	0.25	4.94	0.96	2.41	- 0.60	3.20	0.16	1.42	- 0.84	.33	- 1.15	1.16	0.34	1.67	1.02	26.34	2.61
MIDLAND	.48	0.05	.92	0.43	1.88	1.10	2.78	1.13	1.57	- 1.21	2.85	0.25	1.69	0.01	2.03	- 0.16	.18	- 0.79	1.74	0.77	.40	0.14	.42	0.01	16.94	1.77
MILBANK	.79	0.03	1.24	0.50	1.07	- 0.29	4.02	1.77	2.52	- 0.50	9.94	5.99	2.85	0.23	2.01	- 0.80	.14	- 1.84	.37	- 1.10	1.60	0.68	.99	0.30	27.54	4.97
MILESVILLE 5 NE	.95		1.39		3.36		3.10		1.93		4.09		2.19		3.03		.22		2.40		.66		.56		23.94	
MILLER	.70	0.26	1.10	0.69	1.06	0.19	4.99	3.06	2.24	- 0.60	4.72	1.37	1.93	- 0.36	1.25	- 0.95	.07	- 1.27	.52	- 0.59	.59	0.06	.88	0.50	20.05	2.36
MILLER 16 N	.35		.70																							
MISSION 14 SSE	.47		2.49		1.13		4.99		1.99		4.76		3.87		2.74		T		2.84		.86		.81		26.95	
MITCHELL 2 SE	.15	- 0.38	.98	0.32	1.07	- 0.27	4.23	1.73	3.23	0.02	8.60	2.57	1.99	- 1.07	6.07	3.47	.34	- 1.78	.34	- 1.14	1.34	0.67	1.05	0.56	27.34	4.75

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1954

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN CAA AP R//	0.29	-0.51	0.30	-0.51	1.11	-0.41	2.12	-0.72	1.55	-1.52	2.38	-1.72	0.81	-2.15	2.37	-0.44	2.67	-0.76	0.98	-0.52	0.40	-0.51	0.33	-0.42	15.31	-8.67
ACADEMY	T	-0.46	0.51	-0.10	0.84	-0.29	1.46	-0.98	2.65	-0.41	7.27	3.37	2.27	-0.32	4.39	1.73	1.80	-0.26	1.05	-0.31	0.55	-0.03	T	-0.57	22.79	-1.89
ALEXANDRIA	0.11	-0.42	0.87	0.23	1.67	0.39	1.72	-0.91	2.45	-0.79	5.50	1.48	5.40	2.51	2.71	0.09	3.37	1.21	1.15	-0.25	0.48	-0.20	0.14	-0.37	25.57	2.97
ANDOVER 7 N	0.33		0.24		0.82		2.51		1.91		2.80		1.80		1.71		2.08		1.21		0.13		0.01		16.95	
ANGOSTURA DAM	0.17		0.54		1.44		0.64		3.24		1.98		1.40		0.23		0.85		2.23		0.20		0.16		13.11	
ANTELOPE RANGE STATION	0.26		0.29		1.89		0.40		2.50		3.03		1.08		1.18		0.11		0.64		0.25		T		11.63	
ARDMORE	0.22	-0.17	0.61	0.19	2.26	1.42	0.26	-1.89	3.28	0.33	1.14	-1.58	1.45	-0.57	0.78	-0.83	0.72	-0.34	1.82	0.73	0.34	-0.11	0.23	-0.20	13.05	-3.02
ARLINGTON	0.15	-0.51	1.00	0.44	1.21	-0.33	1.91	-0.58	3.67	1.12	3.41	-0.21	3.0	-1.67	3.21	0.50	4.95	2.86	1.56	0.27	0.43	-0.34	0.00	-0.55	25.10	4.34
ARMOUR	0.10	-0.44	1.17	0.53	2.12	0.97	2.05	-0.28	1.36	-1.78	6.55	2.56	1.56	-0.68	4.03	0.98	2.42	0.54	0.96	-0.49	0.57	-0.09	0.12	-0.53	22.99	1.29
ASHTON	0.11		0.45		0.78		1.56		1.89		4.46		1.81		1.15		1.51		1.75		0.49		0.28		16.24	
BELLE FOURCHE 2 NE	0.19	-0.18	0.22	-0.05	1.18	0.42	0.32	-1.37	2.09	-0.13	2.34	-0.50	0.31	-1.42	0.80	-0.53	0.15	-1.17	0.90	-0.07	0.32	-0.17	0.10	-0.29	8.92	-5.32
BELLE FOURCHE 23 N	0.65		0.41		2.95		0.69		3.55		2.38		1.47		0.86		0.44		0.80	E	0.29		0.36		E14.85	
BISON	0.25	-0.26	0.24	-0.20	1.82	0.92	0.35	-0.90	3.97	1.63	2.95	-0.27	2.25	0.32	2.45	0.85	0.55	-0.63	0.52	-0.13	0.00	-0.48	0.07	-0.22	15.58	0.63
BLUNT	0.18		0.32		1.36		1.16		5.36		4.30		0.30		1.78		0.42		2.21		0.55		0.18		15.30	
BONILLA 3 SSW	0.21		0.13		1.13		1.30		1.20		3.84		1.31		0.91		2.13		1.39		0.32		0.11		13.98	
BOWDLE	0.40	-0.08	0.16	-0.33	0.91	-0.14	0.78	-1.00	1.48	-1.17	6.03	2.15	1.74	-0.66	2.22	-0.21	1.82	0.40	1.23	0.13	0.31	-0.14	0.23	-0.15	17.31	-1.22
BRIDGEWATER	0.06		1.19		2.05		1.79		2.73		4.67		3.19		2.14		3.17		1.71		0.85		0.28		23.83	
BRITTON	0.33	-0.17	0.05	-0.58	0.43	-0.30	2.61	0.75	1.17	-1.50	2.69	-1.16	1.04	-1.31	1.97	-0.90	2.61	0.64	0.82	-0.37	0.13	-0.57	0.22	-0.21	14.07	-5.68
BROOKINGS 1 NE	0.06	-0.36	0.60	0.15	1.63	0.82	1.21	-0.79	2.66	-0.25	3.28	-0.57	0.57	-1.86	2.08	-0.00	3.35	1.33	1.51	0.23	0.10	-0.53	0.15	-0.31	17.20	-2.74
BRYANT	0.09		0.25		2.30		2.47		7.60		3.77		1.99		2.27		3.29	E	1.66		0.35	E	0.03		E26.03	
BUFFALO GAP	0.34		0.74		1.04		0.78		2.56		3.44		0.74		2.28		1.19		1.78		0.39		0.15		15.39	
BUSKALA RANCH	0.30		1.29		2.66		0.54		3.59		1.77		1.75		3.53		0.83		1.70		0.75		1.11		19.62	
CAMP CROOK	0.15	-0.35	0.09	-0.30	1.08	0.14	0.52	-0.61	E 1.46	-0.78	3.00	0.00	0.90	-0.97	3.34	1.98	T	-1.07	0.41	-0.24	0.10	-0.31	T	-0.33	E11.05	-2.84
CANISTOTA 2 N	0.23	-0.40	1.67	0.88	1.98	0.71	1.36	-0.82	2.06	-0.90	3.91	-0.11	2.89	0.65	1.97	-1.24	3.23	0.88	1.08	-0.03	0.54	-0.32	0.42	-0.18	21.32	-0.94
CANTON	0.23	-0.32	2.68	2.07	2.11	0.89	2.06	-0.22	3.10	-0.51	10.96	6.37	1.72	-1.64	5.57	2.53	2.05	-0.51	2.08	0.59	0.76	-0.21	0.32	-0.29	33.04	8.75
CARTHAGE	0.14		0.53		0.64		1.71		2.52		4.88		2.22		3.23		2.07		1.47		0.40		0.06		19.87	
CASTLEWOOD	0.25	-0.25	0.81	0.39	1.39	0.47	2.79	0.54	4.39	1.71	4.78	0.73	1.22	-1.54	1.10	-1.83	3.83	1.64	1.65	0.48	0.10	-0.75	0.02	-0.36	22.24	1.23
CEDARBUTTE	0.20		0.24		1.76		1.57		1.06		5.16		0.71		1.80		0.32	E	1.06		0.82		0.06		E15.30	
CENTERVILLE	0.18	-0.49	3.53	2.69	1.94	0.67	2.18	0.02	2.48	-1.12	9.11	4.84	1.94	-1.27	2.93	-0.03	3.22	0.57	1.98	0.51	0.45	-0.46	0.27	-0.45	30.21	5.48
CHAMBERLAIN	0.20		0.25		1.36		1.18		2.07		6.62		0.24		3.22		2.25		1.16		T		0.78		19.35	
CHEYENNE AGENCY	0.26		0.16		1.10		0.56		1.49		6.38		1.38		3.84		0.89		1.53		0.22		0.27		18.08	
CLARK	0.20	-0.51	0.15	-0.45	1.60	0.40	2.03	-0.18	2.74	-0.21	2.65	-1.34	1.22	-1.65	0.76	-2.27	2.03	-0.29	1.87	0.41	0.44	-0.40	0.08	-0.47	15.77	-6.96
CLEAR LAKE	0.27	-0.20	0.69	0.07	2.71	1.38	2.45	0.03	2.44	-1.19	3.74	-0.38	1.79	-1.45	1.05	-1.87	3.57	1.26	1.09	0.22	0.96	-0.20	0.08	-0.38	22.02	-2.29
COLUMBIA 8 N	0.17		0.08		0.42		1.61		1.11		2.60		2.34		2.12		2.72		0.81		0.10		0.20		E13.26	
CONDE	E 0.18	E	0.16		0.81		1.51		1.27		2.82		0.92		1.20		2.92		2.76		0.08		0.32		E14.95	
COTTONWOOD 2 E	0.12	-0.25	0.41	0.10	1.68	1.03	0.18	-1.67	3.39	0.74	1.89	-0.77	0.40	-1.60	1.14	-0.40	0.63	-0.38	2.50	1.63	0.63	0.21	0.04	-0.29	13.01	-1.71
CRESBARD 7 NW	0.03		0.46		0.33		0.87		1.50		3.69		1.17		1.55		2.29		1.13		0.16		0.22		13.40	
CUSTER	0.15	-0.30	0.53	0.08	0.99	0.11	0.60	-1.46	2.27	-0.59	2.00	-0.87	1.71	-1.15	2.60	0.10	0.63	-0.66	1.92	0.72	0.34	-0.14	0.27	-0.09	14.01	-4.19
CUSTER 7 SW	0.04		0.66		0.92		0.72		2.13		2.45		2.14		1.00		0.79		2.10		0.30		0.55		13.96	
DATE	0.29		0.51		2.75		0.19		5.78		2.57		0.67		2.00		0.53		0.55		0.20		T		16.04	
DEADWOOD	0.49	-0.81	1.95	0.92	4.92	2.65	1.10	-2.38	5.38	1.10	4.06	-0.03	2.28	-1.24	1.54	-0.77	0.46	-1.80	1.99	0.03	1.08	-0.42	1.16	-0.23	26.47	-2.98
DEERFIELD DAM	0.14	-0.44	0.78	0.40	1.34	0.52	0.19	-1.65	2.87	0.28	1.43	-1.88	1.73	-1.16	2.50	0.37	0.51	-0.85	2.01	0.92	0.41	-0.11	0.17	-0.21	14.08	-3.81
DE SMET	0.31	-0.28	0.60	0.05	1.57	0.48	2.22	0.02	4.37	1.50	4.48	0.46	1.36	-1.33	4.91	2.30	2.90	0.99	1.56	0.03	0.50	-0.11	T	-0.54	24.78	3.63
DEWEY	T		0.40	E	0.83		0.17		2.38		1.84		2.79		0.49		0.32		1.72		0.08		0.11		E11.13	
DEWEY 15 NNE	0.04		0.35		0.81		0.08		2.25		2.19		1.39		1.07		0.53		2.23		0.19		0.11		11.24	
DUMONT 2 ENE	0.35	-1.04	1.56	0.53	3.11	1.42	0.63	-1.82	3.89	1.20	2.16	-1.18	1.47	-1.24	2.29	0.36	1.37	-0.09	1.88	0.62	1.09	0.06	1.71	0.65	21.51	-0.53
DUPREE	0.18	-0.52	0.23	-0.33	1.08	0.06	0.63	-0.99	2.54	0.71	2.70	-1.02	1.26	-0.53	1.73	0.23	0.46	-0.51	1.13	0.33	0.12	-0.58	0.02	-0.47	12.08	-3.62
DUPREE 16 S	0.16		0.41		2.09	E	0.49		2.08		3.57		0.22		2.30		1.13		1.21		0.53		0.06		E14.31	
EAGLE BUTTE	0.30		0.10		1.43		1.45		1.93		2.99		0.75		1.32		0.80		2.18		0.40		0.05		13.70	
EDGEMONT 10 N	0.12		0.56		1.19		0.38		3.49		1.99		1.42		0.05		0.60		1.97		0.20		0.25		12.22	
ELLINGSON 1 NW	0.30		0.38		1.36		0.34		2.58		2.17		3.31		2.43	E	0.90		0.72		0.11		0.05		E14.65	
ELM SPRINGS 3 E	0.06		0.12		1.92		0.23		4.51		2.86		0.18		2.49		0.42		1.30		0.47		0.15		14.71	
EUREKA	0.33	0.02	0.12	-0.29	0.52	-0.07	0.71	-0.76	1.54	-0.76	4.41	1.05	1.38	-0.99	2.86	0.67	2.02	0.55	0.55	-0.37	0.10	-0.35	0.17	-0.15	14.69	-1.38
FAIRFAX	0.13	-0.37	0.50	-0.15	3.88	2.82	2.23	0.08	1.54	-1.87	8.17	4.31	1.48	-1.27	3.36	0.53	3.24	1.37	2.19	0.83	0.73	0.21	E 0.04	-0.41	E27.47	6.12
FAITH 7 NNE	0.26	-0.18	0.46	-0.04	1.88	0.78	0.26	-1.37	2.29	-0.27	3.77	0.90	0.05	-1.90	3.31	2.21	0.78	-0.24	1.08	0.21	0.26	-0.18	0.10	-0.16	E14.52	-0.64
FARMINGDALE 2 N	0.07		0.14		0.56		0.34		2.86		2.64		0.89		1.35		0.25		1.70		0.25		0.11		11.16	
FAULKTON 1 NW	0.09	-0.39	0.32	-0.24	0.83	-0.32	1.63	-0.72	1.17	-1.64	5.91	2.49	0.98	-1.23	1.25	-1.04	1.03	-0.42	1.48	0.33	0.32	-0.32	0.20	-0.19	15.21	-3.69
FLANDREAU 4 SW	0.05	-0.45	1.75	1.19	1.45	0.40	1.27	-1.04	7.36	1.05	2.80	-1.33	1.49	-1.21	3.81	0.86	3.21	0.81	1.52	0.09	0.40	-0.55	0.10	-0.47	20.21	2.75
FORESTBURG 3 NE //	0.21	-0.38	0.44	-0.14	2.17	1.06	1.03	-1.40	3.77	0.70	4.09	0.32	1.28	-1.45	2.58	0.30	2.74	1.01	1.81	0.52	0.64	0.05	0.21	-0.35	21.02	0.24
FORT MEADE	0.14		0.63		2.06		0.40		3.22		2.84		0.69		1.58		0.39		0.82		0.35		0.21		13.33	
FORT THOMPSON 3 ENE	0.20		0.60		1.00		1.20		0.58		3.29		0.37		1.90		2.52		1.80		0.55		0.73		14.74	
FREDERICK	-		0.16		1.03		1.81		1.87		-		1.14		-		2.00		0.73		0.07		-		-	
GANNVALLEY	0.06	-0.51	0.27	-0.22	0.51	-0.48	0.97	-0.94	1.40	-1.50	6.68	3.20	0.19	-2.61	2.54	-0.08	2.18	0.67	1.35	0.24	0.35	-0.25	0.07	-0.46	16.57	-2.94
GETTYSBURG	0.18	-0.18	0.15	-0.28	0.72	-0.26	0.80	-0.77	1.25	-0.91	5.70	2.34	1.14	-0.81	1.57	-0.23	1.15	-0.01	1.32	0.73	0.10	-0.23	0.20	-0.10	14.34	-0.23
GLAD VALLEY	0.46		0.11		2.78		0.59		3.09		3.71		0.91		E 2.63		E 0.98		0.62		0.12		0.00		E15.08	
GREGORY	T	-0.47	0.40	-0.09	2.42	1.32	2.69	0.31	3.68	0.49	7.56	3.92	1.42	-0.77	3.90	1.60	2.72	1.26	1.53	0.09	0.74	0.16	0.12	-0.21	27.18	7.61
HARDING 3 SE	0.29		0.03		1.56		0.58		1.39		2.03		1.04		1.76	E	0.06	E	0.88		0.04		0.10		E 9.76	
HAYES 5 ESE	0.17		0.30		2.45		0.36		1.64		4.77		0.46		2.14		0.97		2.35		0.55		0.30		16.46	
HERMOSA 3 W	0.16	-0.23	0.31	-0.03	1.22	0.25	0.30	-1.56	2.14	-1.37	1.72	-1.87	0.96	-1.56	2.25	-0.25	0.13	-1.08	1.88	0.84	0.60	-0.20	0.08	-0.29	11.75	-5.40
HIGHMORE 1 W	0.05	-0.39	0.20	-0.17	1.58	0.51	0.82	-1.04	0.44	-2.16	5.08	1.77	0.65	-1.70	1.31	-0.75	0.04	-0.70	1.66	0.58	0.51	0.01	0.12	-0.24	13.11	-4.24
HIGHMORE 25 N	0.05		0.03		0.44		1.05		0.77		5.19		1.08		0.65		1.00		1.12		0.24		0.13		11.75	
HILLAND 4 NNW	0.12	-0.34	0.54	0.13	2.16	1.39	0.38	-1.34	2.90	0.05	E 3.68	0.40	1.03	-1.15	2.35	0.46	0.91	-0.27	1.76	0.82	0.59	0.08	0.31	-0.09	E16.73	0.14
HOPEWELL 1 SE	0.09		0.28		2.12		0.34		1.58		1.84		2.01		1.93		0.56		2.12		0.39		0.12		13.98	
HOT SPRINGS	0.32	-0.32	0.61	-0.11	1.03	-0.07	0.60	-1.46	2.79	-0.19	2.59	-0.33	0.92	-1.37	0.49	-1.42	0.83	-0.48	2.20	0.95	0.17	-0.41	0.19	-0.34	12.74	-5.33
HOT SPRINGS 7 W	0.30		0.83		1.13		0.39		2.70		3.43		0.90		1.25		0.92		2.33		0.45		0.19		14.82	
HOT SPRINGS 9 SW	0.12		0.55		1.26		0.44		3.54		1.72		2.31		0.47		0.67		1.71		0.40		0.15		13.34	
HOWARD	0.09	-0.38	0.81	0.27	1.40	0.29	1.88	-0.42	2.22	-0.63	E 4.47	0.64	1.41	-1.43	2.66	-0.05	2.94	0.70	1.44	0.01	0.57	-0.11	T	-0.52	E20.09	1.63
HURON WB AP R//	0.16	-0.41	0.28	-0.21	1.96	0.87	0.81	-1.11	2.21	0.04	2.46	-0.57	1.10	-0.98	1.74	-0.24	0.92	-0.81	1.13	0.13	0.43	-0.23	0.09	-0.36	13.32	-4.22
IPSWICH	0.23	-0.21	0.28	-0.17	0.87	-0.04	1.08	-0.89	1.95	-1.05	3.28	-0.21	0.95	-1.42	1.02	-1.48	2.79	1.23	1.04	-0.05	0.31	-0.16	0.34	-0.00	14.14	-4.47
IROQUOIS	0.45		1.17		1.43		1.69		3.03		4.34		1.30		2.01		0.67		1.38		0.68		T		18.15	
KADOKA	0.22		0.29		2.83		0.34		2.54		5.18		1.23		0.89		1.14		2.75		0.81		0.05		18.27	
KELDRON 11 S	0.15		0.11		0.90		0.22		3.58		3.22		1.20		2.85		0.64		0.40		T		0.06		13.45	
KENNEBEC	0.03	-0.53	0.55	0.02	0.78	-0.15	1.00	-0.93	1.18	-1.37	4.64	1.51	1.97	-0.15	4.37	2.39	0.70	-0.48	1.95	0.90	0.35	-0.14	0.07	-0.42	17.59	-0.65
LA DELLE 7 NE	0.38	-0.20	0.30	-0.18	1.33	0.28	1.52	-0.80	1.79	-1.42	2.53	-1.73	0.92	-2.15	0.96	-2.11	2.20	0.12	1.43	-0.11	0.14	-0.59	0.08	-0.43	13.69	-9.32
LEAD //	0.42	-0.69	1.72	0.87	3.28	1.63	1.29	-1.68	4.78	1.17	3.41	-0.38	1.90	-0.60	2.73	-0.69	0.39	-1.35	2.02	0.44	1.05	-0.01	1.14	-0.17	24.19	-0.40
LEMMON	0.23	-0.32	0.25	-0.28	1.66	-0.80	0.26	-0.99	3.14	-0.99	2.33	-1.34	2.60	-0.90	4.35	2.90	1.51	-0.23	0.46	-0.30	0.06	-0.47	0.01	-0.40	16.86	-1.72
LEOLA	0.31	-0.10	0.10	-0.30	1.41	-0.38	0.96	-1.06	2.01	-0.58	4.94	-1.68	1.74	-0.42	2.20	-0.71	2.05	-0.44	0.79	-0.20	0.19	-0.30	0.15	-0.20	16.85	-1.37
LITTLE EAGLE	0.63		0.10		1.38		0.47		1.95		5.88		0.82		1.92		1.26		1.29		0.32		0.05		16.07	
LONGVALLEY	0.10	-0.30	0.26	-0.10	1.12	-0.14	0.83	-1.18	2.90	-0.12	4.50	-1.86	0.84	-1.06	2.68	-1.17	0.58	-0.35	2.04	0.78	0.37	-0.08	0.09	-0.15	16.31	-0.57
LUDLOW 2 NW	0.09	-0.23	0.59	-0.41	1.24	-0.75	0.58	-0.54	1.78	-0.18	2.48	-1.35	1.22	-0.80	3.14	-1.81	0.08	-0.95	0.89	-0.23	0.24	-0.14	T	-0.26	12.33	-1.31
MADISON	0.06		0.52		1.18		1.54		2.80		4.35		1.91		1.93		3.04		1.35		0.48		0.09		19.14	
MANDERSON	0.07		0.95		0.83		0.40		2.60		3.32		1.18		0.92		0.83		1.52		0.27		0.17		13.06	
MARION	0.04	-0.58	2.21	1.22	2.48	0.94	1.71	-0.64	3.01	-0.64	5.47	0.95	3.16	-0.18	2.22	-0.84	2.74	0.05	1.80	0.03	0.64	-0.37	0.17	-0.49	25.41	-0.61
MARTIN	0.07	-0.38	0.50	0.04	1.01	0.17	0.57	-1.48	1.78	-0.96	3.62	-0.47	2.20	0.02	4.20	2.49	1.06	0.13	1.13	-0.01	0.42	-0.02	0.22	-0.03	16.78	-0.54
MC INTOSH	0.55	-0.16	0.12	-0.32	0.89	-0.11	0.54	-0.90	3.03	-0.97	3.05	-0.69	1.96	-0.23	1.79	-0.15	0.90	-0.51	0.78	-0.05	0.07	-0.33	0.13	-0.24	13.81	-1.42
MC LAUGHLIN	0.41	-0.03	0.14	-0.40	1.26	-0.50	0.28	-1.17	2.02	-0.04	3.87	-0.34	1.98	-0.00	1.84	-0.04	0.93	-0.52	1.17	-0.31	0.10	-0.44	0.11	-0.21	14.11	-1.67
MELLETTE	0.15	-0.44	0.17	-0.48	1.05	-0.05	2.41	0.20	1.64	-1.20	3.15	-0.35	1.19	-1.33	1.26	-1.15	1.65	-0.11	1.79	0.50	0.50	-0.24	0.34	-0.15	15.30	-4.85
MENNO	0.10	-0.52	1.50	0.69	1.97	0.74	2.07	-0.18	1.75	-1.80	8.27	4.24	2.27	-0.74	1.91	-1.13	1.43	-0.83	1.34	-0.14	0.48	-0.37	0.12	-0.53	23.21	-0.52
MIDLAND	0.11	-0.32	0.37	-0.12	1.25	-0.47	0.51	-1.14	1.53	-1.25	6.32	3.72	0.56	-1.12	1.77	-0.18	0.64	-0.38	2.38	1.41	0.42	-0.12	0.05	-0.38	15.91	-0.74
MILBANK	0.29	-0.53	0.63	-0.11	1.39	0.03	3.33	1.08	4.63	1.61	4.53	0.58	1.60	-1.02	1.45	-1.30	3.23	1.25	1.59	0.12	0.09	-0.83	0.47	-0.22	23.17	-0.60
MILESVILLE 5 NE	0.16		0.42		2.48		0.39		2.10		2.97		1.36		2.36		0.59		2.53		0.44		0.26		16.04	
MILLER	0.12	-0.32	0.12	-0.29	1.54	0.67	1.64	-0.29	1.13	-1.71	5.51	2.16	0.11	-2.18	0.70	-1.50	0.85	-0.49	1.82	0.71	0.44	-0.09	0.20	-0.18	14.18	-3.51
MISSION 14 SSE	T		0.29		2.42		1.32	E	1.63		5.91		1.84		3.85		1.31		1.26		1.08		0.25		E21.16	
MITCHELL 2 SE	0.02	-0.51	0.46	-0.20	1.60	0.36	2.21	-0.29	2.42	-0.79	5.35	1.32	2.89	-0.17	5.57	2.97	3.74	1.62	1.50	0.02	0.28	-0.39	0.10	-0.39	26.14	3.55
MORRIDGE	0.42	-0.08	0.07	-0.51	0.73	-0.22	0.87	-0.68	2.15	-0.30	4.68	1.40	1.40	-0.62	2.06	0.00	1.72	0.00	1.20	0.31	0.08	-0.32	0.04	-0.29	19.54	-0.71

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1955

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN CAA AP R//	0.30	-0.50	1.39	0.58	0.16	-1.36	1.19	-1.65	2.81	-0.26	2.98	-1.12	3.69	0.73	2.32	-0.49	1.00	-0.91	0.01	-1.49	0.30	-0.61	0.87	0.12	17.02	6.96
ACADEMY	T	-0.46	1.30	0.69	0.11	-1.02	1.78	-0.66	1.71	-1.35	3.21	-0.69	1.34	-1.25	1.19	-1.47	1.13	-0.41	0.31	-1.05	0.03	-0.55	0.17	-0.40	12.26	6.62
ALEXANDRIA	0.10	-0.35	0.84	0.20	0.27	-1.01	4.83	2.20	2.41	-0.83	2.61	-1.41	1.32	-1.57	1.58	-1.04	1.11	-1.05	0.82	-0.58	0.11	-0.57	0.93	0.42	17.01	5.59
ANDOVER 7 N	0.28		1.62		0.34		0.72		2.48		3.69		2.42		3.58		1.89		0.12		0.14		0.91		18.19	
ANGOSTURA DAM	0.33		1.26		1.18		0.69		2.93		2.04		2.07		3.29		3.93		0.42		0.35		0.66		19.15	
ANTELOPE RANGE STATION	0.16		0.38		0.39		0.50		2.01		1.95		2.14		0.76		2.33		0.15		0.59		0.44		11.80	
ARDMORE	0.39	0.00	0.75	0.33	0.99	0.15	1.22	-0.87	2.85	-0.10	2.24	-0.48	2.07	0.05	0.87	-0.74	3.03	1.97	0.32	-0.77	1.02	0.57	0.80	0.37	16.55	0.48
ARLINGTON	0.25	-0.41	0.74	0.18	0.17	-1.37	3.65	1.16	1.13	-1.42	3.56	-0.06	4.72	2.79	3.02	0.31	1.02	-1.07	0.29	-1.00E	0.23	-0.54E	1.05	0.50	E19.83	0.93
ARMOUR	0.15	-0.39	1.65	1.01	0.46	-0.69	0.93	-1.40	2.42	-0.72	3.24	-0.70	3.08	0.84	1.42	-1.63	2.61	0.73	0.62	-0.83	0.24	-0.42	1.36	0.71	18.21	3.49
ASHTON	0.15		0.45		0.02		0.79		2.60		3.74		3.57		2.43		1.29		T		0.18		0.55		15.77	
BELLE FOURCHE 2 NE	0.08	-0.29	0.28	0.01	0.31	-0.45	1.74	0.05	2.38	0.16	1.23	-1.61	2.01	0.28	1.13	-0.20	1.69	0.37	0.71	-0.12	0.31	-0.18	0.60	0.21	12.47	1.77
BELLE FOURCHE 27 NNW	0.20		-		-		-		-		-		-		1.14		1.83		0.02		0.43		0.76		-	
BISON	0.11	-0.40	0.12	-0.32	0.05	-0.85	1.01	-0.24	2.15	-0.19	1.75	-1.47	2.15	0.22	1.30	-0.30	2.12	0.94	0.10	-0.65	0.79	0.25	0.44	0.15	12.09	2.86
BLUNT	0.22		1.58		0.21		1.16		2.18		3.62		2.01		0.91		1.12		T		0.58		1.08		14.67	
BONILLA 3 SSW	0.19		0.78		0.10		1.13		2.45		3.12		3.76		1.69		0.50		0.09		0.32		0.66		14.79	
BOWDLE	0.25	-0.23	0.80	0.31	0.29	-0.76	2.37	0.59	2.76	0.11	2.21	-1.67	1.12	-1.30	2.65	0.22	1.19	-0.23	0.13	-0.97	0.72	0.27	0.32	-0.06	14.81	3.72
BRIDGEWATER	0.13		0.71		0.30		1.55		1.04		3.90		3.97		1.85		1.20		0.91		0.04		1.62		17.22	
BRITTON	0.06	-0.44	0.87	0.24E	0.12	-0.61	0.23	-1.63	2.35	-0.32	3.37	-0.48	2.51	0.16	3.90	1.03	1.24	-0.73	0.08	-1.11	0.09	-0.61E	0.49	0.06	E15.31	4.44
BROOKINGS 1 NE	0.16	-0.26	0.53	0.08	0.14	-0.67	2.88	0.88	0.95	-1.96	3.02	-0.83	1.33	-1.10	4.47	1.79	0.79	-1.23	0.14	-1.14	0.18	-0.45	0.79	0.33	15.38	4.56
BRYANT	E 0.32		E 0.86		E 0.21		2.11		1.69		4.07		5.64		3.26		1.19		0.51		0.06		2.41		E22.29	
BUFFALO GAP	0.36		0.99		1.33		0.62		2.11		2.98		2.04		5.22		3.38		0.24		0.59		0.61		20.47	
BUSKALA RANCH	1.32		0.83		1.27		2.92		2.83		4.19		3.28		1.63		2.78		1.02		1.14		0.96		24.17	
CAMP CROOK	0.04	-0.46	0.42	0.03E	0.31	-0.63	0.86	-0.27	3.29	1.05	1.27	-1.73	2.02	0.15	0.39	-0.97	1.29	0.22	0.08	-0.57	0.27	-0.14E	0.11	-0.22	E10.35	3.54
CANISTOTA 2 N	0.23	-0.46	1.06	0.27	0.47	-0.80	1.54	-0.64	1.53	-1.43	2.84	-1.18	3.75	1.51	2.81	-0.40	1.32	-1.03	1.06	-0.03	0.29	-0.57	1.26	0.66	18.16	4.10
CANTON	0.31	-0.24	1.06	0.45	0.39	-0.83	2.41	0.13	2.09	-1.52	4.44	-0.15	1.46	-1.90	0.37	-2.67	0.67	-1.89	0.55	-0.94	0.35	-0.62	1.08	0.47	15.18	9.71
CARTHAGE	0.21		0.86		0.12		1.72		1.20		3.68		3.83		0.72		1.16		0.30		0.40		1.36		E15.56	
CASTLEWOOD	0.27	-0.23	1.00	0.58	0.13	-0.79	1.95	-0.30	1.09	-1.55	3.35	-0.70	4.83	2.07	4.29	1.36	0.57	-1.62	0.51	-0.66	0.27	-0.58	1.38	1.00	19.64	1.42
CEDARBUTTE	0.01		1.08		E 0.19		1.09		3.24		2.55		0.21		1.37		1.77		0.01		0.22		1.21		E12.95	
CENTERVILLE	0.31	-0.36	1.27	0.43	0.56	-0.71	0.90	-1.26	0.77	-2.83	5.56	1.29	1.90	-1.31	0.31	-2.65	1.36	-1.29	0.63	-0.84	0.20	-0.71	1.27	0.55	15.04	9.69
CHAMBERLAIN	0.20		1.82		0.72		1.17		2.49		4.27		1.72		1.12		1.35		0.11		0.50		1.88		17.35	
CHEYENNE AGENCY	0.17		0.75		0.21		1.19		2.56		3.51		2.24		0.83		1.60		0.12		0.40		0.61		14.19	
CLARK	0.43	-0.28	0.84	0.24	0.21	-0.99	2.05	-0.16	1.66	-1.29	3.83	-0.16	2.98	0.09	3.16	0.13	0.99	-1.33	0.26	-1.20	0.43	-0.41	0.69	0.14	17.51	5.22
CLEAR LAKE	0.47	0.00	1.09	0.47	0.34	-0.99	2.30	-0.12	0.67	-2.96	4.84	0.72	4.78	1.54	3.03	-0.49	0.79	-1.50	0.35	-1.12E	0.29	-0.45	1.93	1.47	E20.88	3.43
COLUMBIA 8 N	E 0.25		0.32		E 0.15		0.96		2.30		4.39		2.55		2.60		0.55		T		0.07		0.10		E14.24	
CONDE	0.28		1.40		0.16		1.45		4.68		3.50		2.59		2.58		2.61		0.14		0.18		0.60		19.97	
COTTONWOOD 2 E	0.23	-0.14	0.42	0.11	0.31	-0.34	1.15	-0.70	2.51	-0.14	1.84	-0.82	1.54	-0.46	0.39	-1.21	3.89	2.88	0.08	-0.79	0.49	0.07	1.10	0.77	13.95	0.77
CRESBARD 7 NW	0.10		0.36		0.07		1.68		3.02		1.45		0.58		0.97		0.05		0.26		0.44		9.43			
CUSTER	0.32	-0.13	0.67	0.22	1.40	0.52	0.84	-1.22	2.31	-0.55	3.98	1.11	2.25	-0.61	2.80	0.36	1.65	0.36	0.17	-1.03	0.74	0.26	0.74	0.38	17.87	0.33
CUSTER 7 SW	0.36		0.51		1.07		0.34		2.67		2.20		2.75		4.47		1.54		0.20		0.72		0.88		17.71	
DATE	0.25		E 0.41		E 0.19		0.40		1.50		0.99		1.22		E 0.90		3.17		0.02		1.68		0.38		E11.11	
DEADWOOD	1.30	0.00	1.41	0.38	1.36	-0.91	5.36	1.82	3.62	-0.66	5.51	1.42	2.19	-1.33	1.53	-0.78	3.19	0.93	1.67	-0.29	1.31	-0.19	1.48	0.09	29.93	0.48
DEERFIELD 5 NW																							1.23		-	
DEERFIELD DAM	0.59	0.01	0.80	0.42	1.23	0.41	1.16	-0.68	2.73	0.14	4.02	0.71	3.49	0.60	2.86	0.73	2.14	0.78	0.30	-0.79	0.99	0.47	-		-	
DE SMET	E 0.32	-0.27	1.20	0.65	0.43	-0.66	2.53	0.33	2.13	-0.74	5.62	1.60	5.57	2.88	2.49	-0.06	1.14	-0.77	0.26	-1.27	0.35	-0.26	1.34	1.00	E23.58	2.43
DEWEY	0.64		0.54		0.90		0.83		2.86		2.23		1.51		2.12		1.29		0.26		0.65		1.60		15.43	
DEWEY 15 NNE	0.66		0.39		1.05		0.43		3.55		2.60		2.79		2.96		1.64		0.31		0.79		0.71		17.88	
DUNDEE 2 ENE	2.22	0.83	1.22	0.19	1.58	-0.11	4.20	1.75	3.28	0.59	4.30	0.96	2.75	0.04	1.47	-0.48	2.79	1.33	1.42	0.16	1.27	0.24	1.10	0.04	27.58	5.54
DUPREE	0.10	-0.60	0.29	-0.27	0.17	-0.85	0.38	-1.24	2.39	0.56	2.98	-0.74	1.27	-0.52	0.74	-0.76	2.13	1.16	0.19	-0.61	0.28	-0.42	0.46	-0.03	11.38	4.32
DUPREE 16 S	0.30		0.99		0.28		0.52		2.01		3.82		0.29		0.65		2.22		0.08		0.43		0.59		E12.10	
EAGLE BUTTE	0.01		1.00		0.30		1.14		2.35		3.86		1.46		1.47		1.97		0.08		0.32		0.63		14.59	
EDGEMONT 10 N	0.24		0.89		1.30		0.92		2.69		2.05		2.43		1.14		2.14		0.38		0.87		0.88		15.93	
ELLINGSON 1 NW	0.40		0.50		0.40		1.12		1.17		2.94		5.11		0.86		3.18		0.12		0.72		0.39		16.91	
ELM SPRINGS 3 E	0.20		0.41		0.13		1.21		2.05		1.67		3.93		0.52		2.59		0.24		0.45		0.86		14.26	
EUREKA	0.21	-0.10	1.12	0.71	0.12	-0.47	1.31	-0.16	2.24	-0.06	2.72	-0.64	2.08	-0.20	3.25	1.08	1.15	-0.32	0.16	-0.76	0.32	-0.13	0.31	-0.01	14.99	1.06
FAIRFAX	T	-0.50	0.50	-0.15	0.15	-0.89	0.75	-1.56	3.24	-0.17	3.44	-0.42	0.98	-1.77	1.00	-1.83	2.43	0.76	0.07	-1.29	T	-0.52E	1.03	0.58	E13.59	7.76
FAITH 7 NNE	0.15	-0.29	0.12	-0.38	0.09	-1.01	0.26	-1.39	2.67	0.11	1.76	-1.51	0.86	-1.09	0.46	-0.64	3.01	1.99	0.32	-0.55	0.24	-0.20	0.29	0.03	10.23	4.93
FARMINGDALE 2 N	0.18		E 0.48		0.41		0.77		1.62		2.49		1.68		1.20		1.47		0.03		0.33		0.29		E10.89	
FAULKTON 1 NW	0.14	-0.34	0.87	0.31	0.10	-1.05	1.07	-1.28	1.81	-1.00	1.80	-1.62	1.38	-0.83	1.28	-1.01	0.75	-0.70	0.00	-1.15	0.33	-0.31	0.78	0.39	10.31	8.59
FLANDREAU 4 SW	0.23	-0.27	1.32	0.76	0.20	-0.85	2.50	0.19	1.18	-2.23	4.51	0.38	2.69	-0.01	2.62	-0.33	1.73	-0.67	0.45	-0.98	0.17	-0.78	0.92	0.35	18.52	4.44
FORESTBURG 3 NE //	0.22	-0.37	1.39	0.81	0.18	-0.93	1.95	-0.48	2.37	-0.70	2.51	-1.26	3.35	0.62	1.46	-0.82	0.94	-0.79	0.18	-1.11	0.40	-0.24	1.79	1.23	16.74	4.04
FORT MEADE	0.11		0.63		0.61		1.41		2.00		2.27		3.08		1.70		3.12		0.39		0.33		1.36		17.01	
FORT THOMPSON 3 ENE	0.09		1.14		0.05		0.40		2.51		2.54		3.30		1.73		0.89		T		0.68		1.12		14.45	
FREDERICK	0.03		1.19		-		-		-		5.30		-		-		-		-		-		-		-	
GANNVALLEY	0.03	-0.49	0.51	0.02	0.18	-0.81	1.45	-0.46	2.44	-0.46	1.86	-1.62	1.10	-1.70	1.50	-1.12	1.05	-0.46	0.20	-0.91	0.25	-0.35	0.65	0.12	11.27	8.24
GETTYSBURG	0.10	-0.26	0.44	0.01	0.03	-0.95	1.57	0.00	2.09	-0.07	3.60	0.24	1.28	-0.67	0.66	-0.68	1.93	0.79	0.06	-0.53	0.35	-0.04	0.54	0.24	12.65	1.92
GLAD VALLEY	0.21		E 0.27		T		0.75		2.32		3.16		1.11		1.12		3.14		0.15		E 0.48		E 0.60		E13.31	
GREGORY	0.35	-0.12	1.95	1.46	0.59	-0.51	1.12	-1.26	2.43	-0.76	3.70	0.06	0.78	-1.41	1.09	-0.31	1.73	0.27	0.40	-1.04	0.33	-0.25	1.63	1.30	17.00	2.57
HARDING 3 SE	0.05		0.89		0.30		0.52		3.58		1.66		2.57		1.62		2.00		0.02		0.87		0.57		14.65	
HAYES 5 ESE	0.03		1.19		0.16		0.85		3.45		2.71		3.38		2.53		2.01		0.32		0.81		1.03		18.47	
HERMOSA 3 W	0.27	-0.12	1.08	0.74	1.00	0.03	1.10	-0.76	1.60	-1.91	2.97	-0.62	1.91	-0.61	2.43	0.43	3.25	2.04	0.14	-0.85	0.42	0.02	0.69	0.32	16.86	1.29
HIGHMORE 1 W	0.07	-0.33	0.70	0.33	0.07	-1.00	0.57	-1.29	2.78	0.18	4.41	1.10	3.91	1.56	0.41	-1.65	1.25	-0.14	0.23	-0.85	0.28	-0.22	0.71	0.35	15.39	1.96
HIGHMORE 25 N	0.08		1.45		0.09		1.21		1.86		3.30		0.65		1.01		1.16		0.28		0.15		0.57		11.81	
HILLAND 4 NNW	0.08	-0.38	0.71	0.30	0.24	-0.53	1.45	-0.27	2.49	-0.36	2.74	-0.54	2.39	0.21E	0.87	-1.02	2.73	1.55	0.38	-0.56	0.78	0.27	1.03	0.63	E15.89	0.70
HILL CITY 1 E													-		2.09		1.93		0.31		0.92		0.81		-	
HOPEWELL 1 SE	T		E 0.75		0.12		1.26		3.71		4.09		0.99		1.61		2.04		0.03		E 0.76		0.36		E15.72	
HOT SPRINGS	0.27	-0.37	1.04	0.54	1.12	0.02	0.45	-1.61	2.68	-0.30	1.96	-0.96	2.34	0.05	1.24	-0.67	3.84	2.53	0.32	-0.93	0.42	-0.16	0.53	0.00	16.21	1.86
HOT SPRINGS 7 W	0.28		* 2.10		1.99		0.90		2.89		1.89		2.64		1.29		3.69		0.41		1.07		20.24			
HOT SPRINGS 9 SW	0.21		1.54		1.38		0.72		3.46		2.11		1.82		1.85		3.85		0.28		0.91		0.61		18.74	
HOWARD	0.31	-0.16	1.14	0.60	0.18	-0.93	1.02	-1.28	1.91	-0.94	3.65	-0.18	3.09	0.05	1.26	-1.45	1.18	-1.06	0.53	-0.90	0.15	-0.53	1.21	0.69	15.63	6.09
HURON WB AP R//	0.22	-0.35	0.95	0.46	0.14	-0.95	1.03	-0.89	3.21	0.96	2.39	-0.67	3.08	1.00	1.00	-0.98	0.69	-1.04	0.25	-1.01	0.44	-0.22	1.08	0.63	14.48	3.06
INTERIOR 3 NE																										
IPSWICH	0.17	-0.27	1.03	0.58	0.16	-0.75	0.85	-1.12	1.76	-1.24	2.58	-0.91	1.32	0.25	1.25	0.52	4.12	-0.44	0.17	-1.02	0.26	-0.28	1.00	0.10	-	
IROQUOIS	0.16		0.80		0.10		1.36		1.55		4.06		2.62		3.02		1.12		0.07		0.21		0.44		14.03	4.58
KADOKA	0.23		1.38		0.97		1.25		3.80		3.15		2.62		1.80		1.17		0.03		0.24		0.64		15.06	
KELDRON 11 S	0.10		0.07		0.19		0.99		2.84		1.86		1.28		1.03		2.90		0.16		0.47		0.96		16.29	
KENNEREC	T	-0.56	0.70	0.17	0.11	-0.82	1.13	-0.80	2.33	-0.22	3.61	0.48	1.24	-0.88	1.52	-0.46	1.14	-0.04	0.08	-0.97	0.19	-0.30	0.69	0.20	12.74	4.20
LA DELLE 7 NE	0.17	-0.41	0.84	0.36	0.13	-0.92	1.66	-0.66	1.99	-1.22	3.16	-1.10	1.73	-1.34	3.15	0.08	0.92	-1.22	0.24	-1.30	0.38	-0.40	1.17	0.66	15.54	7.47
LEAD //	2.03	0.98	1.38	0.53	2.06	0.41	6.37	3.40	3.70	0.09	6.10	2.31	1.76	-0.86	1.41	-0.49	3.04	1.30	1.70	0.12	1.27	0.21	1.75	0.78	32.57	8.78
LEMMON	0.36	-0.19	0.46	-0.07	0.40	-0.46	0.83	-0.42	2.19	0.04	6.23	2.56	1.68	-0.02	1.64	0.19	2.39	1.11	0.17	-0.59	0.75	0.22	0.18	-0.23	17.28	2.14
LEOLA	0.10	-0.31	0.71	0.31	0.18	-0.85	1.37	-0.65	2.18	-0.41	3.12	-0.14	2.22	0.06	2.37	-0.54	0.79	-0.82	0.06	-0.93	0.16	-0.33	0.35	0.00	13.61	4.61
LITTLE EAGLE	0.16		0.65		T		1.84		2.95		2.66		2.95		1.45		2.61		0.24		0.62		0.57		16.70	
LONGVALLEY	0.23	-0.17	0.30	-0.06	0.82	-0.44	1.30	-0.71	3.14	0.36	2.69	0.05	0.75	-1.15	2.48	0.93	2.67	1.74	0.21	-1.05	0.27	-0.18E	0.32	0.08	E15.14	0.60
LUDLOW 2 NW	0.06	-0.26	0.05	-0.13	0.30	-0.19	1.06	-0.06	1.78	-0.18	3.50	-0.33	2.02	-0.06	1.02	-0.31	1.61	0.58	0.32	-0.34	0.46	0.08	0.19	-0.07	12.37	1.27
MADISON	T		1.06		0.30		1.55		1.60		3.76		3.26		1.49		E 1.28		E 0.36		0.36		1.44		E16.46	
MANDERSON	0.57		0.63		0.21		2.58		3.25		4.75		2.96		0.87		4.66		0.42		0.20		1.40		22.50	
MARION	0.27	-0.35	1.24	0.25	0.35	-1.19	0.98	-1.37	1.13	-2.52	4.38	-0.14	3.49	0.15	2.76	-0.30	1.12	-1.57	0.79	-0.84	0.10	-0.87	1.58	0.92	18.19	7.83
MARTIN	0.26	-0.19	0.51	0.05	0.32	-0.52	0.88	-1.17	3.20	0.46	3.78	0.63	0.82	-1.36	3.93	2.22	2.77	1.86	0.14	-1.00	0.10	-0.30	0.37	0.18	17.08	0.84
MC INTOSH	0.20	-0.19	0.30	-0.14	0.23	-0.55	1.12	-0.32	3.41	1.35	4.24	0.50	1.27	-0.46	0.62	-1.02	3.11	1.70	0.35	-0.48	0.63	0.23	0.10	-0.27	15.58	0.35
MC LAUGHLIN	0.18	-0.26	0.52	-0.02	0.30	-0.46	1.91	0.46	3.57	1.51	3.19	-0.34	3.71	1.73	1.33	-0.47	2.74	1.29	0.31	-0.55	0.57	-0.02	0.30	-0.02	18.63	2.85
MELLETTE	0.17	-0.47	0.86	0.21	0.05	-1.05	0.86	-1.35	3.00	0.16	3.31	-0.19	2.63	0.11	2.11	-0.30	1.54	-0.22	0.00	-1.29	0.21	-0.53	0.38	-0.11	15.12	5.03
MENNO	0.35	-0.27	0.84	0.03	0.20	-1.03	1.06	-1.19	1.58	-1.97	3.04	-0.94	3.71	0.70	1.51	-1.53	1.58	-0.68	0.59	-0.89	0.11	-0.74	1.20	0.55	15.77	7.96
MIDLAND	0.11	-0.32	0.76	0.27	0.36	-0.42	0.89	-0.76	3.25	0.47	3.31	0.71	2.05	0.37	2.16	0.29	2.40	1.43	0.17	-0.80E	0.52	-0.02	0.62	0.21	E16.60	1.43
MILBANK	0.26	-0.50	1.01	0.77	0.07	-1.29	1.77	-0.48	1.07	-1.95	4.39	0.44	4.10	1.48	4.72	1.91	1.04	-0.94	0.11	-1.36	0.42	-0.50	1.14	0.45	20.10	2.47
MILESVILLE 5 NE	0.09		0.90		0.24		1.14		3.14		2.99		2.14		2.53		2.69		0.31		0.76		0.99		17.92	
MILLER	0.25	-0.19	1.14	0.73	0.11	-0.76	1.58	-0.35	2.80	-0.04	6.23	2.88	3.10	0.81	2.55	0.35	1.10	-0.24	0.04	-1.07	0.24	-0.29	1.05	0.67	20.19	2.50

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

SOUTH DAKOTA
1956

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN CAA AP R//	1.22	0.54	0.38	-0.05	0.94	-0.26	0.74	-1.38	2.01	-0.23	3.06	-0.98	2.95	0.34	2.87	0.71	0.82	-0.61	1.52	0.34	1.30	0.59	0.40	-0.23	18.41	- 1.22
ACADEMY	0.05	-0.47	0.02	-0.65	1.71	0.48	1.89	-0.46	0.94	-2.01	1.24	-2.87	3.35	1.12	3.31	0.75	0.74	-0.78	1.56	0.32	1.74	1.18	0.40	-0.06	16.95	- 3.45
ALCESTER 9 SE															1.84		0.52		0.54		1.20		0.64		-	
ALCESTER 8 SE															1.57		0.55		-		-		0.19		-	
ALCESTER 7 ESE															1.99		0.58		0.48		1.38		0.24		-	
ALCESTER 4 ESE															2.68		0.53		0.52		0.74		0.21		-	
ALCESTER 4 SE																	0.49		0.56		-		0.45		-	
ALCESTER 6 SE																	0.58		-		-		-		-	
ALEXANDRIA	0.24	-0.18	0.40	-0.20	1.12	-0.16	2.10	-0.08	1.42	-1.30	1.77	-2.13	3.84	1.60	3.37		0.43	-1.68	0.59	-0.65	1.06	0.40	0.16	-0.30	16.51	- 3.94
ANDOVER 7 N	0.87		0.63		1.32		1.34		2.39		1.40		2.62		2.67		1.18		1.58		1.26		0.60		17.86	
ANGOSTURA DAM	0.29		0.24		0.48		1.09		5.09		1.97		1.22		1.38		0.24		0.06		E 1.20		0.57		E13.83	
ANTELOPE RANGE STATION	0.72		0.05		0.30		0.57		2.68		1.25		3.34		1.49		0.44		0.52		1.17		0.11		12.44	
ARDMORE	0.36		0.20		0.50		1.41		3.10		3.35		0.48		2.72		0.20		E 0.39		1.85		0.20		E15.13	
ARLINGTON	0.59	0.00	0.22	-0.44	1.13	-0.36	1.69	-0.64	1.43	-1.33	2.39	-1.59	4.44	2.13	4.57	1.90	0.88	-1.27	0.95	-0.38	0.74	-0.06	0.23	-0.36	19.26	- 2.40
ARMOUR	0.33	-0.20	0.43	-0.27	1.31	-0.14	2.92	0.87	1.51	-1.19	1.92	-2.26	2.58	0.60	2.27	-1.06	0.44	-1.51	1.18	-0.04	1.31	0.57	0.26	-0.32	16.46	- 4.95
ASHTON	0.71		0.25		0.47		1.15		3.13		3.58		3.93		4.03		0.47		1.82		1.25		0.15		20.94	
BELLE FOURCHE 2 NE	0.15	-0.11	0.08	-0.15	0.09	-0.55	0.67	-1.19	1.36	-0.74	1.74	-1.41	1.89	0.56	1.33	0.12	1.30	0.12	0.64	-0.13	0.75	0.33	0.09	-0.13	10.09	- 3.28
BELLE FOURCHE 27 NNW	0.25		0.02		0.27		0.64		1.80		2.21		3.31		1.10		0.47		0.24		0.63		0.10		11.04	
BISON	0.77		0.04		0.28		0.77		2.47		1.20		4.83		1.80		0.56		0.31		0.86		0.10		13.99	
BLUNT	0.64		0.50		1.32		1.43		3.13		1.23		3.68		2.08		0.62		1.35		2.71		0.29		18.78	
BONESTEEL																									-	
BONILLA 3 SSW	0.38		0.27		0.30		0.91		1.82	-1.48	1.80	-2.10	2.24	-0.10	3.01	0.01	0.65	-1.44	1.62	0.25	1.70	0.98	0.24	-0.30	-	
BONDLE	0.58	0.00	0.28	-0.22	0.99	0.04	0.61	-1.11	2.32	-0.13	2.71	-1.32	3.69	1.60	3.71	1.78	1.70	0.45	1.29	0.28	4.05	3.52	0.21	-0.09	22.14	4.80
BRIDGEWATER	0.71		0.36		1.58		2.21		0.94		1.08		3.21		3.67		0.40		1.13		0.59		0.26		16.14	
BRITTON	0.26	-0.18	0.16	-0.40	0.64	-0.15	0.33	-1.44	1.57	-0.65	2.20	-1.75	2.67	0.20	1.60	-1.22	0.69	-0.81	1.41	0.40	1.06	0.51	0.26	-0.15	12.85	- 5.64
BROOKINGS 1 NE	0.27	-0.13	0.17	-0.33	0.70	-0.37	1.22	-0.59	2.74	0.09	4.06	0.07	6.03	3.97	3.77	0.87	0.40	-1.70	1.21	-0.03	0.72	0.05	0.19	-0.28	21.48	1.62
BRYANT 1 NE	0.88		0.21		0.80		1.48		2.68		7.00		4.90		5.48		1.09		3.21		1.00		0.08		28.82	
BUFFALO GAP	0.89		0.29		0.49		0.84		3.52		1.58		1.65		2.31		0.70		0.14		0.39		0.47		13.27	
BUSKALA RANCH	0.46	-0.81	0.37	-0.50	1.27	-0.49	1.63	-1.48	3.68	-0.33	2.36	-1.89	2.88	0.29	3.76	1.96	0.67	-0.81	0.76	-0.50	2.16	1.05	0.54	-0.46	20.54	- 3.95
CAMP CROOK	0.28	-0.22 E	0.11	-0.20	0.19	-0.60 E	0.52	-0.75	1.92	-0.11	1.16	-1.69	3.12	1.32	1.43	0.04	0.45	-0.50	T	-0.69	0.29	-0.01	0.09	-0.15 E	9.56	- 3.56
CANISTOTA 2 N	0.75	0.15	0.46	-0.38	2.07	0.52	2.51	0.45	2.22	-0.65	1.53	-2.83	4.31	1.67	3.10	-0.03	0.44	-2.04	1.05	-0.21	0.89	0.11	0.29	-0.30	19.62	- 3.54
CANTON	0.51		0.38		1.01		2.17	E	1.95		3.74		3.94		3.04		0.53		0.87		1.02		0.31		E19.47	
CARTHAGE	0.55	E	0.30	E	1.11	E	1.97		1.57		1.13		4.28		5.63		0.43		3.01		0.65		0.26		E20.89	
CASTLEWOOD	0.62	0.12	0.15	-0.33	0.87	-0.17	1.82	-0.27	2.67	0.07	4.61	0.47	4.26		6.10	3.53	1.07	-0.91	0.91	-0.40	1.06	0.37	0.19	-0.29	26.82	6.25
CEDARBUTTE	0.25		0.05		0.53		1.67		1.86		1.64		1.89		6.24		0.41		0.90		1.14		0.31		16.89	
CENTERVILLE	0.63		0.34		0.71		2.07		2.81		0.54		2.94		1.80		0.60		1.22		0.92		0.29		14.87	
CHAMBERLAIN	0.33		0.55		1.92		1.57		1.58		1.23		3.78		5.53		0.69		1.87		1.68		0.38		21.11	
CHEYENNE AGENCY	0.68		0.25		0.75		0.58		3.04		2.39		3.27		2.80		0.42		1.10		2.03		0.31		17.62	
CLARK	0.68		0.10		1.02		1.77		2.18		4.89		4.58		6.93		0.79		1.47		1.23		0.38		26.02	
CLEAR LAKE	0.80		0.19		1.39		1.85		3.47		6.51		4.67		5.74		1.77		0.69		1.24		0.16		28.44	
COLUMBIA 8 N	0.45		0.18		0.70		0.74		2.25		2.47		2.02		1.32		1.32		1.84		1.63		0.30		15.22	
CONDE	0.57		0.58		1.02		0.94		1.79		4.51		2.40		5.40		0.48		1.40		0.97		0.45		E20.51	
COTTONWOOD 2 E	0.26	-0.25	0.20	-0.20	0.52	-0.43	1.31	-0.31	2.75	0.18	0.73	-2.17	3.08	1.69	3.21	1.96	0.83	-0.16	T	-0.89	1.30	0.94	0.44	0.08	14.63	0.44
CRESBARD 8 NW	0.51	E	0.31	E	0.73	E	0.89		2.97		1.50		3.37		1.82		1.12		1.83		2.02		0.12		E17.19	
CUSTER	0.55	0.14	0.70	0.32	0.89	-0.11	1.62	-0.26	4.15	1.06	1.65	-1.44	2.32	0.35	2.63	0.11	0.26	-0.79	0.39	-0.66 E	1.47	1.08	0.47	0.11	E17.10	- 0.09
CUSTER 7 SW	0.34		0.61		0.50		1.59		3.09		0.77		2.48		3.49		0.17		0.28		E 1.23		E 0.30		E14.85	
DATE	0.67		0.14		0.09		0.15		1.43		1.67		4.23		3.60		E 0.46		E 0.31		E 0.89		E 0.10		E13.74	
DEADWOOD	0.93		0.44		1.84		2.09		5.01		2.62		2.08		2.90		1.54		1.16		4.77		0.70		26.08	
DEERFIELD 9 NW	0.56		0.52		1.22		1.49		4.07		1.84		2.30		2.11		0.28		0.62		2.01		0.65		17.67	
DE SMET	0.67		0.30		1.01		2.48		2.09		5.81		3.80		7.26		1.61		3.27		1.07		E 0.42		E29.79	
DEWEY	0.16		0.38		0.28		1.70		3.34		1.36		2.00		0.95		0.00		0.78		0.24		0.30		11.49	
DEWEY 15 NNE	0.71		0.33		0.41		2.38		4.21		1.03		2.41		2.50		0.07		0.51		0.95		0.48		15.99	
DUMONT 2 ENE	0.68	-0.71	0.41	-0.46	1.76	0.02	1.66	-0.89	4.06	0.75	1.95	-1.61	2.52	0.40	3.88	2.12	0.70	-0.68	0.90	-0.23	3.66	2.43	0.74	-0.24	22.90	0.90
DUPREE	0.90	0.31	0.07	-0.52	0.37	-0.78	0.39	-1.09	2.19	0.27	1.81	-1.65	3.12	1.60	1.99	0.41	0.58	-0.36	0.02	-0.97	1.17	0.64	0.11	-0.24	12.72	- 2.38
DUPREE 16 S	-		-		-		-		-		-		-		2.14		0.52		T		0.88		0.04		-	
EAGLE BUTTE	0.80		0.29		0.60		0.52		1.77		1.38		2.74		2.24		0.56		0.23		1.92		0.15		13.20	
EDGEMONT 10 N	0.09		0.41		0.33		1.73		4.27		1.54		1.21		1.40		0.05		0.75		0.51		0.48		12.77	
ELLINGSON 1 NW	0.74		0.08		0.31		0.54		0.98		1.58		3.80		1.92		0.88		0.69		0.74		0.25		12.51	
ELM SPRINGS 3 E	0.25		0.30		0.40		1.29		1.98		1.10		3.61		1.17		0.68		0.04		1.25		0.22		12.29	
EUREKA	0.81	0.43	0.12	-0.27	1.21	0.52	0.50	-0.88	3.26	0.86	2.96	-1.06	3.93	1.56	4.30	2.10	0.51	-0.79	1.25	0.26	2.21	1.83	0.17	-0.08	21.23	4.48
FAIRFAX	0.22	-0.36 E	0.32	-0.45 E	1.49	-0.26	1.16	-1.15																	-	
FAITH 7 NNE	1.11		0.04		0.21		0.28		1.53		1.91		4.20		2.16		0.46		0.08		1.17		0.06		13.21	
FARMINGDALE 2 N	0.07		0.04		0.33		1.03		1.44		3.06		2.37		3.44		0.28		0.02		1.00		0.08		13.16	
FAULKTON 1 NW	0.80	0.32	0.29	-0.16	0.66	-0.31	1.03	-0.83	2.12	-0.29	3.23	-0.32	2.21	0.11	1.87	-0.22	0.98	-0.79	1.55	0.45	2.11	1.59	0.11	-0.25	16.57	- 0.70
FLANDREAU	0.46	-0.12	0.24	-0.54	1.44	0.12	1.81	-0.22	1.96	-0.97	4.69	0.38	5.20	2.60	3.65	0.66	0.98	-2.05	1.79	0.47	0.95	0.09	0.24	-0.33	23.01	0.09
FORESTBURG 3 NE //	0.57	0.09	0.29	-0.30	1.00	-0.44	1.91	-0.47	1.23	-1.38	1.99	-1.91	3.38	1.12	6.50	4.13	0.50	-1.14	1.98	0.69	1.33	0.63	0.29	-0.40	20.93	0.62
FORT MEADE	0.44		0.14		0.32		1.19		3.62		0.91		3.80		2.10		1.19		0.61		1.71		0.25		16.34	
FORT THOMPSON 3 E	0.63		0.12		1.75		0.97		1.83		T		2.59		6.10		0.79		2.34		1.45		0.32		18.89	
FREDERICK	0.52		0.39		0.68		0.36		2.31		3.62		1.99		1.74		0.53		2.04		1.67		0.34		16.19	
GANNVALLEY	0.14		0.26		0.31		0.88		1.01		0.46		4.18		0.40		0.96		2.24		0.96		0.08		17.88	
GETTYSBURG	0.57	0.19	0.16	-0.32	0.72	-0.23	0.71	-0.87	5.24	3.02	5.18	1.53	3.88	1.96	2.08	0.36	1.11	-0.08	1.27	0.37	2.76	2.34	0.21	-0.13	23.89	8.14
GLAD VALLEY 2 W	0.85	E	0.08	E	0.39	E	0.33		3.16		1.97		2.44		1.94		0.59		0.12		1.20		0.36		E13.43	
GREGORY	0.30	-0.20	0.46	-0.28	2.24	0.84	2.43	0.21	1.30	-1.71	1.89	-2.35	1.29	-0.79	6.09	3.61	0.73	-0.93	1.91	0.62	1.56	0.78	0.42	-0.18	20.62	- 0.38
HARDING 3 SE	0.30		0.20		0.10		1.26		2.96		2.41		3.57		2.80		1.12		0.20		1.03		0.46		16.41	
HAYES 5 ESE	0.61		0.30		0.93		1.52		1.99		0.53		2.72		3.50		0.97		0.27		1.05		0.64		15.03	
HERMOSA 1 ENE	0.34		0.25		0.99		1.76		3.51		0.70		5.04		4.07		0.27		E 0.17		E 1.74		0.23		E19.07	
HIGHMORE 1 W	0.22	-0.20	0.13	-0.40	1.14	-0.06	0.95	-0.76	1.39	-0.79	1.23	-2.48	5.10	3.30	1.99	0.00	0.84	-0.37	1.36	0.23	1.93	1.44	0.12	-0.28	16.40	- 0.37
HIGHMORE 29 N	0.55		0.35		1.04		0.69		1.95		3.13		6.07		2.86		0.54		1.60		1.38		0.07		20.43	
HILLAND 4 NNW	0.39		0.13		0.30		1.33		2.36		1.45		4.31		1.32		0.73		T		1.21		0.46		13.99	
HILL CITY 1 E	0.48		0.52		0.68		1.74		3.96		0.96		3.11		2.59		0.11		0.30		1.62		0.34		16.41	
HOPEWELL 1 SE	0.34		0.17		0.30		1.05		1.44		0.73		3.88		2.49		0.46		0.30		1.37		0.21		12.74	
HOT SPRINGS	0.21	-0.20	0.31	-0.21	0.29	-0.83	1.08	-0.83	3.50	0.46	1.73	-1.28	1.22	-0.90	1.38	-0.33	0.61	-0.72	0.12	-0.65	0.72	0.35	0.40	0.04	11.57	- 5.10
HOT SPRINGS 7 W	0.17		0.64		0.41		1.47		3.52		2.04		2.07		1.70		0.24		0.44		1.19		0.77		14.66	
HOT SPRINGS 9 SW	0.11		0.28		0.39		1.35		4.45		2.25		1.14		1.56		0.16		0.37		0.94		0.62		13.62	
HOWARD	0.39	-0.11	0.43	-0.15	0.90	-0.37	2.52	0.34	1.75	-1.05	2.08	-1.97	4.01	1.58	4.22	1.50	0.61	-1.59	0.68	-0.51	0.74	0.01	0.32	-0.22	18.65	- 2.54
HURON WB AP R//	0.46	-0.11	0.29	-0.22	1.35	0.26	1.23	-0.69	1.25	-1.00	0.96	-2.10	3.47	1.39	5.47	3.49	1.06	-0.67	1.08	-0.18	1.26	0.60	0.20	-0.25	18.08	0.52
INTERIOR 3 NE	0.16		0.13		0.62		1.21		2.29		1.58		3.07		2.41		0.70		0.05		1.23		0.31		13.76	
IPSWICH	0.57		0.33		0.54		0.99		2.57		3.93		3.02		2.21		0.84		1.42		1.90		0.23		18.95	
IROQUOIS	0.69		0.31		1.42		1.98		1.47		1.24		4.36		6.54		1.39		1.02		0.90		0.23		E21.55	
KADOKA	0.35		0.34		1.45		1.57		3.81		1.52		6.05		2.16		1.09		0.13		2.03		0.48		20.98	
KELDRON 11 S	0.78		0.03		0.25		0.25		1.81		1.98		2.39		2.96		0.90		0.05		0.75		0.15		12.30	
KENNEBEC	0.25	-0.27	0.24	-0.32	1.04	-0.04	0.92	-0.77	1.63	-0.73	0.61	-2.67	3.38	1.84	4.29	2.26	1.21	-0.17	1.30	0.26	2.20	1.65	0.37	-0.06	17.44	0.98
KYLE																							0.28		-	
LA DELLE 7 NE	0.67	0.20	0.24	-0.20	0.52	-0.51	1.41	-0.47	4.05	1.77	3.75	-0.10	4.18	1.64	7.18	4.97	0.77	-0.87	1.39	0.25	1.47	0.90	0.25	-0.25	28.88	7.33
LEAD //	0.70	-0.41	0.51	-0.36	2.30	0.60	2.47	-0.49	4.79	0.89	2.61	-1.48	1.82	-0.26	3.66	1.98	1.26	-0.29	0.79	-0.53	6.30	5.18	0.89	-0.06	28.12	4.79
LEMMON	1.24	0.77	0.07	-0.45	0.62	-0.36	0.67	-0.57	1.96	-0.09	1.77	-2.14	4.43	2.65	1.36	-0.40	0.64	-0.54	0.23	-0.58	1.33	0.85	0.12	-0.14	16.44	- 1.00
LEOLA	0.73	0.29	0.32	-0.11	0.52	-0.40	0.95	-0.77	2.98	0.93	3.63	-0.26	3.29	0.56	3.45	1.31	1.06	-0.35	1.23	0.31	2.06	1.57	0.22	-0.13	20.44	2.95
LITTLE EAGLE	0.99		0.36		1.15		0.34		1.81		2.77		2.92		4.60		0.74		0.49		1.15		T		17.32	
LONGVALLEY	0.16	-0.29 E	0.16	-0.31	1.14	0.00	1.56	-0.29	2.39	-0.52	0.42	-2.82	2.03	0.63	4.70	2.95	0.15	-1.02	0.26	-0.79	1.19	0.74	0.20	-0.08	E14.36	- 1.60
LUDLOW 2 NW	0.04	-0.29	T	-0.31	0.10	-0.41	0.47	-0.68	1.83	0.00	1.01	-2.58	4.63	2.65	3.28	1.88	0.51	-0.43	0.24	-0.53	0.47	0.06	0.11	-0.09	12.69	- 0.73
MADISON	0.50		0.38		1.45		2.09		1.28		6.23		6.32		2.72		0.39		1.48		0.91		0.20		23.95	
MANDERSON	0.41		0.14		0.76		1.20		3.23		1.92		4.05		3.06		0.13		T		1.39		0.18		18.47	
MARION	0.64	0.11	0.34	-0.57	1.69	0.06	2.50	0.48	1.86	-1.29	0.68	-3.65	3.26	0.46	3.93	0.66	0.40	-1.94	1.81	0.39	0.80	-0.02	0.18	-0.45	17.70	- 5.76
MARTIN	0.18		0.08		0.33		0.69		1.80		0.96		3.05		4.81		0.73		0.04		0.64		0.09		13.40	
MC INTOSH	0.88		0.13		0.51		0.16		1.92		1.60		3.80		3.34		0.53		0.11		1.32		0.09		14.39	

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

SOUTH DAKOTA
1957

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN CAA AP R//	.23	- .45	.52	- .11	.32	- .88	3.91	1.79	4.95	2.71	4.05	.01	2.50	- .11	1.29	- .87	1.60	.17	2.26	1.08	.52	- .19	.53	- .10	22.68	3.05
ACADEMY	.50	- .02	.50	- .17	1.42	.19	2.42	.07	5.92	2.97	4.17	.06	3.16	.93	1.17	-1.39	2.24	.72	2.38	1.14	2.93	2.37	T	- .46	26.81	6.41
ALCESTER 9 SE	.30		.35		1.79		1.30		3.88		4.12		-		2.67		3.93		1.69		2.21		.16		-	
ALCESTER 8 SE	.33		.28		1.35		1.63		3.90		5.05		4.11		3.41		-		-		-		-		-	
ALCESTER 7 ESE	.40		.38		1.34		1.40		3.60		4.80		4.20		2.52		4.71		1.70		1.70		T		26.75	
ALCESTER 4 ESE	.13		.31		1.34		1.06		3.84		4.47		3.11		4.07		2.42		1.87		1.82		.15		24.59	
ALCESTER 4 SE	-		-		-		1.62		4.30		5.08		4.75		4.60		3.17		1.96		2.12		-		-	
ALCESTER 6 SE	-		-		-										-		-		-		-		-		-	
ALEXANDRIA	.09	- .33	.28	- .32	.98	- .30	2.24	.06	5.49	2.77	3.43	- .47	2.51	.27	3.24	.60	1.92	- .19	1.72	.48	1.32	.66	.16	- .30	23.38	2.93
ANDOVER 7 N	.24		.53		.71		3.57		4.16		3.35		2.70		4.17		2.40		.83		.93		.27		23.86	
ANGOSTURA DAM	.32		.22		1.84		2.44		6.11		3.10		1.65		1.89		1.19		1.76		.38		.10		21.00	
ANTELOPE RANGE STATION	.11		.06		.35		.69		2.77		4.08		2.40		3.12		1.60		.83		.71		T		E16.72	
ARDMORE	.16		.15		.90		1.69		5.96		2.89		2.94		.85		1.42		1.23		.52		.20		18.91	
ARLINGTON	.13	- .46	.67	.01	.53	- .96	1.91	- .42	5.59	2.83	3.30	- .68	E 1.27	-1.04	1.84	- .83	3.05	.90	2.55	1.22	.95	.15	.39	- .20	22.18	.52
ARMOUR	.23	- .30	.41	- .29	1.74	.29	2.22	.17	5.04	2.34	3.12	-1.06	4.02	2.04	1.19	-2.14	1.99	.04	1.50	.28	1.73	.99	.06	- .52	23.25	1.84
ASHTON	.28		.38		.27		4.63		4.64		4.14		1.99		3.77		1.79		3.46		.98		.43		26.74	
BELLE FOURCHE 2 NE	.13	- .13	.15	- .08	.29	- .35	.75	-1.11	3.22	1.12	5.06	1.91	1.33	.00	2.23	1.02	1.52	.34	.99	.22	.68	.26	.03	- .19	16.38	3.01
BELLE FOURCHE 27 NNW	.12		.09		.16		.92		2.60		3.02		2.70		2.24		.54		1.07		.77		T		14.23	
BISON	.06		.07		.28		1.83		3.45		5.82		1.18		4.91		.81		1.36		.78		T		20.55	
BLUNT	.35		.57		-		-		-		-		5.06		2.43		.97		1.26		1.19		.02		-	
BONESTEEL	.42	- .16	.28	- .49	2.14	.39	2.46	.17	7.99	4.69	2.61	-1.29	2.53	.19	1.92	-1.08	1.32	- .77	1.89	.52	3.42	2.70	T	- .54	26.98	4.33
BONILLA 3 SSW	.20		.70		.34		3.39		5.36		3.71		3.27		1.75		1.39								-	
BOWDLE	.23	- .35	.38	- .12	.17	- .78	4.34	2.62	6.77	4.32	4.94	.91	2.40	.31	3.96	2.03	1.40	.35	1.54	.53	.89	.36	.15	- .15	27.37	10.03
BRIDGEWATER	.13		.38		1.81		1.95		4.28		4.83		2.93		2.18		1.49		1.11		1.67		.27		23.03	
BRITTON	.08	- .36	.25	- .31	.10	- .69	3.23	1.46	4.08	1.86	4.96	1.01	2.92	.45	4.53	1.71	3.52	2.02	1.15	.14	.85	.30	.22	- .19	25.89	7.40
BROOKINGS 1 NE	.06	- .34	.38	- .12	.35	- .72	1.11	- .70	4.52	1.87	4.00	.01	.97	-1.09	1.90	-1.00	1.35	- .75	1.21	- .03	1.07	.40	.47	.00	17.39	- 2.47
BRYANT 1 NE	.14		.77		.26		2.94		6.59		3.15		1.37		3.50		2.74		1.10		1.20		.16		23.92	
BUFFALO GAP	.47		.17		.81		2.04		6.86		4.54		.88		1.69		1.12		1.96		.21		.09		20.84	
BUSKALA RANCH	.55	- .72	.30	- .57	1.41	- .35	1.60	-1.51	5.35	1.34	3.95	- .30	3.40	- .81	3.75	1.95	1.02	- .46	.77	- .49	.93	- .18	.52	- .46	23.55	- .94
CAMP CROOK E	.22	- .28	.18	- .13	.23	- .56	.77	- .50	2.14	.11	3.22	.37	.82	- .98	1.60	.21	1.25	.30 E	.98	.27	.67	.37	T	- .24	E12.06	- 1.06
CANISTOTA 2 N	.24	- .36	.28	- .56	1.21	- .34	1.54	- .52	4.52	1.65	6.58	2.22	3.87	1.23	3.30	.17	2.07	- .41	1.26	.00	1.62	.84	.27	- .32	26.76	3.60
CANTON	.39		.35		1.36		1.95		3.75		4.61		3.99		3.30		3.11		1.44		1.77		.27		26.29	
CARTHAGE	.13		.53		.68		2.27		5.17		2.68		1.51		2.03		3.32		1.35		1.64		.08		21.14	
CASTLEWOOD	.24	- .26	.95	.47	.58	- .46	2.01	- .08	6.41	3.81	3.02	-1.12	1.06	-1.63	3.99	1.42	3.69	1.71	2.40	1.09	1.04	.35	.47	- .01	25.86	5.29
CEDARBUTTE	.33		.50		.78		2.39		2.17		3.05		3.05		2.21		.18		2.08		.48		T		E17.22	
CENTERVILLE	.38		.37		1.83		2.75		3.88		5.31		3.27		2.53		2.62		1.81		1.72		.16		26.63	
CHAMBERLAIN	.70		.60		1.10		2.10		3.54		3.04		.99		2.62		2.52		2.35		1.47		.11		21.14	
CHEYENNE AGENCY	.24		.31		.21		3.68		5.95		4.28		2.67		2.53		1.18		.96		.47		.04		23.54	
CLARK	.26		.78		.40		3.78		6.60		2.80		1.51		3.44		2.65		2.60		1.19		.43		26.44	
CLEAR LAKE	.43		.95		.68		2.38		5.44		2.58		1.91		3.20		4.60		3.02		1.30		.78		27.29	
COLUMBIA 8 N	.16		.29		.10		4.38		4.67		3.84		2.61		5.84		2.19		2.11		1.00		.31		27.90	
CONDE	.23		.24		.40		4.74		4.36		3.86		1.47		2.52		1.39		3.43		1.10		.60		E24.34	
COTTONWOOD 2 E	.28	- .23	.40	.00	.44	- .51	2.80	1.18	5.14	2.57	5.43	2.53	1.63	.24	3.33	2.08	.99	.00	1.80	.91	.27	- .09	.00	- .36	22.91	8.32
CRESBARD 8 NW	.08		.35		.13		3.21		5.21		3.70		2.83		1.51		1.07								-	
CUSTER	.41	.00	.06	- .32	.83	- .17	3.06	1.18	5.37	2.28	5.26	2.17	.60	-1.37	.88	-1.64	.72	- .33	1.17	.12	.26	- .13	.24	- .12	18.86	1.67
DEADWOOD	.66		.32		1.79		2.71		7.25		4.20		3.26		1.37		1.51		1.95		2.15		.20		E27.37	
DEERFIELD 5 NW	.60		.29		1.61		2.04		4.46		4.57		2.75		2.13		.86		1.05		1.26		1.09		22.69	
DE SMET	.29		.50		.43		2.21		5.89		5.10		1.69		4.63		3.73		1.50		1.30		.27		27.74	
DEWEY	.32		.13		.95		1.05		6.06		2.85		-		.32		-								-	
DEWEY 19 NNE	.97		.25		1.48		1.98		-		-		-		-		.30		.79		-		-		-	
DUNONT 2 ENE	.81	- .58	.24	- .63	1.69	- .09	1.98	- .55	5.91	2.60	4.43	.87	3.83	1.71	1.84	.08	.85	- .53	.80	- .33	1.51	.28	.76	- .22	24.61	2.61
DUPREE	.13	- .46	.10	- .49	.33	- .82	2.01	.53	5.27	3.35	2.97	- .49	1.74	.24	3.22	1.64	1.25	.31	1.61	.62	.51	- .02	T	- .35	19.16	4.06
DUPREE 16 S	.10		.16		.14		2.46		5.25		4.58		1.66		3.75		1.83		1.35		.48		T		E18.76	
EAGLE BUTTE	.12		.20		.58		4.99		7.72		4.66		2.86		3.19		2.29		1.56		.96		T		29.13	
EDGEMONT 10 N	.57		.20		1.60		1.65		5.27		4.35		1.47		.53		-								-	
ELLINGSON 1 NW	.14		.08		.32		1.53		1.70		4.94		2.67		2.26		.83		1.30		1.39		.06		17.22	
ELM SPRINGS 3 E	.20		.18		.26		1.52		7.39		5.60		2.07		2.47		.66		1.17		.56		T		22.08	
EUREKA	.19	- .19	.32	- .07	.10	- .59	2.65	1.27	3.91	1.51	3.51	- .51	3.61	1.24	4.06	1.86	2.75	1.45	1.56	.57	.59	.17	.29	.04	23.50	6.75
FAITH	.10		.12		.15		2.09		4.26		2.66		2.19		2.90		.84		1.03		.66		.10		17.10	
FARMINGDALE 2 N	.12		.32		.21		1.66		6.09		4.17		1.29		.88		.47		1.15		.22		T		16.58	
FAULKTON 1 NW	.13	- .39	.60	.15	.21	- .76	2.06	- .20	6.89	4.48	5.20	1.65	3.12	1.02	2.05	- .04	1.50	- .12	2.22	1.12	.97	.45	.09	- .27	25.04	7.77
FLANDREAU	T	- .58	.44	- .34	1.33	.01	1.85	- .18	3.96	1.03	9.28	4.97	2.48	- .12	3.65	.66	2.28	- .35	1.55	.23	.94	- .08	.62	- .05	28.38	5.46
FORESTBURG 3 NE //	.09	- .39	.74	.19	1.18	- .26	2.12	- .26	5.14	2.53	3.06	- .84	6.20	3.96	2.93	.56	2.78	1.14	1.46	.17	1.77	1.07	.14	- .55	27.61	7.30
FORT MEADE	.30		.19		.69		1.82		6.25		4.57		2.97		1.58		.88		.80		.58		.02		20.65	
FORT THOMPSON 5 E	.40		.49		.81		3.55		5.43		2.89		2.36		E 2.50		1.98		2.98		1.22		.00		E24.61	
FREDERICK	.09		.16		.09		3.31		4.48		4.48		4.61		3.28		3.70		3.16		.72		.24		E28.52	
GANNVALLEY	.24		.36		.43		2.00		4.19		3.64		1.28		1.09		1.26		2.57		1.80		T		18.86	
GETTYSBURG	.16	- .22	.36	- .12	.18	- .77	2.89	1.31	6.27	4.05	4.26	.61	2.12	.20	3.40	1.68	1.59	.40	2.55	.55	.90	.48	.04	- .30	23.62	7.87
GLAD VALLEY 2 W	.29		.16		.21		2.64		4.02		3.27		3.14		5.16		1.08		1.41		.79		.04		22.19	
GREGORY	.35	- .15	.22	- .52	1.76	.36	3.45	1.23	5.10	2.09	4.39	.15	5.95	3.87	1.80	- .68	2.05	.39	1.62	.33	3.01	2.23	.07	- .53	29.77	8.77
HARDING 3 SE	.41		.45		.96		1.70		4.53		3.30		2.54		3.55		1.50		1.14		.66		T		20.74	
HAYES 9 ESE	.21		.47		.32		3.77		5.24		4.58		2.57		4.95		.80		1.79		.86		T		25.56	
HERMOSA 1 ENE	.31		.18		.29		2.21		6.39		2.50		3.41		.79		.67		1.69		.24		.07		18.75	
HIGHMORE 1 W	.08	- .34	.38	- .19	.52	- .68	3.38	1.67	5.29	3.11	4.38	.67	5.00	3.20	2.82	.83	2.07	.86	3.17	2.04	1.71	1.22	T	- .40	28.80	12.03
HIGHMORE 29 N	.07		.25		.05		1.70		5.64		6.27		4.64		3.56		2.65		1.82		1.08		.02		27.75	
HILLAND 4 NNW	.21		.28		.56		2.34		6.28		4.21		2.04		2.37		.86		1.31		.38		T		20.84	
HILL CITY 1 E	.33		.28		.96		2.47		5.80		4.48		2.13		1.45		.89		.74		.34		.29		20.16	
HOPEWELL 1 SE	.05		.29		.21		2.50		4.58		4.24		2.93		2.64		1.35		1.18		.54		T		20.43	
HOT SPRINGS	.44	.03	.17	- .35	1.39	.27	3.48	- .57	5.65	2.61	3.33	- .32	1.33	- .79	1.19	- .52	1.29	- .04	1.51	.74	.16	- .21	.09	- .27	19.03	2.36
HOT SPRINGS 7 W	.60		.26		1.80		3.94		6.28		3.48		1.42		1.25		1.13		2.02		.29		.15		22.62	
HOT SPRINGS 9 SW	.53		.16		1.98		2.25		5.44		3.08		2.30		.72		-								-	
HOWARD	.23	- .27	.76	.20	1.07	- .20	2.95	.77	4.56	1.76	3.35	- .70	2.49	.06	3.02	.30	2.17	- .03	1.75	.56	1.55	.82	.21	- .33	24.13	2.94
HURON WB AP R//	.17	- .40	.53	.04	.25	- .84	2.41	.49	5.92	3.67	4.05	.99	1.13	- .95	1.54	- .44	1.69	- .04	2.89	1.63	1.94	1.28	.05	- .40	22.57	5.03
INTERIOR 3 NE	.20		.21		.62		2.24		5.68		4.10		1.37		1.77		.55		2.24		.24		.05		22.15	
IPSWICH	.14		.29		.19		2.79		5.54		3.43		3.00		2.24		1.35		2.08		.73		.37		19.22	
IROQUOIS	.17		.73		.56		1.83		5.10		4.10		1.96		1.68		1.43		1.40		1.52		.03		20.51	
KADOKA	.43		.31		1.01		3.07		6.51		5.59		1.04		5.08		.61		2.23		.52		.00		26.40	
KELDRON 11 S	.11		.09		.07		1.93		3.95		2.96		1.51		3.01		1.80		1.14		.72		.02		17.31	
KENNEBEC	.22	- .30	.27	- .29	.84	- .24	2.66	.97	4.31	1.95	4.04	.76	2.02	.48	2.09	.06	1.64	.26	1.45	.41	1.70	1.15	T	- .43	21.24	4.78
KYLE	.16		.10		.56		2.80		5.15		3.05		1.68		1.69		.38		1.47		-		.02		-	
LA DELLE 7 NE	.15	- .32	.76	.32	.31	- .72	3.37	1.49	5.15	2.87	2.90	- .95	1.68	- .66	1.71	- .50	2.23	.59	1.77	- .63	1.40	.83	.19	- .31	21.82	3.27
LEAD //	.87	- .24	.27	- .60	2.19	.49	2.78	- .18	6.03	2.13	4.67	.58	3.55	1.47	1.24	- .44	1.35	- .22	1.01	- .31	2.38	1.24	.72	- .23	27.06	3.69
LEMMON	.40	- .07	.15	- .37	.26	- .72	3.02	1.78	2.53	.48	4.82	.91	1.49	- .29	3.84	2.08	1.04	- .14	.93	.12	.81	.33	.12	- .14	19.41	3.97
LEOLA	.09	- .35	.41	- .02	.15	- .77	4.12	2.40	5.80	3.75	4.08	.19	1.64	-1.09	3.84	1.70	2.50	1.09	2.37	1.45	1.07	.58	.41	.06	26.48	8.99
LITTLE EAGLE	.32		.59		.06		2.36		5.73		2.71		1.85		2.93		1.08		1.88		.62		.08		19.41	
LONGVALLEY	.17	- .28	.12	- .35	1.27	.13	2.19	.34	4.46	1.55	2.42	- .82	4.51	3.11	2.83	1.08	.04	-1.13	3.03	1.98	.37	- .08	.12	- .16	21.53	5.37
LUDLOW 2 NW E	.28	- .05 E	.23	- .08 E	.38	- .13	1.53	.38	1.36	- .47	7.41	3.82	2.05	.07	3.70	2.30	1.89	.95	1.08	.31	.98	.57	T	- .20	E20.89	7.47
MADISON 1 WNW	.22		.46		.89		1.93		5.34		6.74		1.82		E 3.33		1.97		1.66		1.61		.30		E26.23	
MANDERSON	.35		.19		1.21		1.78		6.18		4.54		1.54		2.30		.99		2.38		.04		.07		E21.57	
MARION	.19	- .34	.30	- .61	1.82	.19	2.40	.38	6.31	3.16	8.00	3.66	4.62	1.82	.95	-1.92	2.00	- .36	1.09	- .33	1.81	.99	.25	- .38	29.74	6.28
MARTIN	.09		.06		1.23		3.59		4.97		3.93		1.43		3.48		.75		2.37		.06		.08		22.04	
MC INTOSH	.19		.14		.18		1.82		4.44		4.13		1.06		2.27		1.24		1.21		.55		.06		E17.25	
MC LAUGHLIN	.40		.28		.15		1.73		5.99		3.55		1.97		3.15		.86		2.19		.37		.10		20.74	
MELLETTE	.17	- .43	.38	- .25	.23	- .95	3.95	1.98	5.39	3.06	4.01	- .03	2.25	.18	2.33	.29	2.38	.96	2.27	1.10	.69	.02	.33	- .15	24.38	5.78
MENNO	.29	- .45	.22	- .66	1.18	- .44	2.09	.01	5.17	1.93	5.97	1.29	4.49	2.11	1.52	-1.94	1.92	- .06	1.56	.30	1.91	1.12	.14	- .49	26.00	3.14

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN CAA AP R//	.23	- .45	1.29	.66	.52	- .68	2.04	- .08	1.46	- .78	2.54	-1.50	1.61	-1.00	.93	-1.23	.08	-1.35	.27	- .91	1.17	.46	.29	- .34	12.43	- 7.20
ACADEMY	.23	- .29	1.06	.39	.70	- .53	3.68	1.33	1.98	- .97	2.75	-1.36	3.38	1.15	.75	-1.81	.46	-1.06	T	-1.24	.85	.29	.12	- .34	15.96	+ 4.44
ALCESTER 9 SE	.12		1.25		.37		3.62		.77		1.69		3.63		1.23		1.07		.00		.90		.15		E14.80	
ALCESTER 7 ESE	.16		1.28		.52		3.67		.92		1.50		3.54		1.16		1.07		T		1.02		.16		15.00	
ALCESTER 4 ESE	.08		1.46		.30		3.44		.81		1.52		2.97		.75		1.21		T		1.03		.12		13.69	
ALCESTER 4 SE	.28		-		-		3.12		.97		1.63		-		.66		1.09		-		-		-		-	
ALEXANDRIA	.05	- .37	1.36	.76	.70	- .58	3.25	1.07	2.56	- .16	2.27	-1.63	5.17	2.93	2.19	- .45	1.28	- .83	.16	-1.08	.75	.09	.14	- .32	19.88	- .57
ANDOVER 7 N	.11		.35		.37		1.89		1.99		2.60		2.98		1.04		.13		.36		2.79		.39		15.00	
ANGOSTURA DAM	.07		.97		1.52		2.86		.87		2.49		3.70		.36		.06		.16		.25		.30		13.61	
ANTELOPE RANGE STATION	.16		.42		.20		1.77		.27		4.22														-	
ARDMORE	T		.60		1.19		3.11		1.34		3.43		6.13		.55		T		T		.12		.18		E16.65	
ARLINGTON	.09	- .50	.73	.07	.58	- .91	1.66	- .67	3.47	.71	4.31	.33	4.36	2.05	2.74	.07	1.27	- .88	.25	-1.08	1.66	.86	.25	- .34	21.37	+ .29
ARMOUR	.14	- .39	1.28	.58	.96	- .49	3.06	1.01	1.02	-1.68	2.35	-1.83	3.32	1.34	2.05	-1.28	1.04	- .91	.00	-1.22	.96	.22	.08	- .50	16.26	- 5.15
ASHTON	T		1.96		.54		1.85		2.69		2.39		2.12		1.00		.60		.23		1.25		.34		14.97	
BELLE FOURCHE 2 NE	.27	.01	.56	.33	.21	- .43	2.57	.71	.68	-1.42	3.81	.66	2.58	1.25	.94	- .27	.09	-1.09	.21	- .56	.37	- .05	.47	.25	12.76	+ .61
BELLE FOURCHE 27 NNW	.22		.54		.47		2.84		.74		3.40		2.80		1.12		.05		.36		.36		.15		13.05	
BISON	.17		.76		.48		2.13		.59		5.29		2.30		1.15		.59		.35		.76		.25		14.82	
BLUNT	.29		.45		.62		2.70		1.41		4.00		2.62		.58		.05		.18		.47		.28		13.65	
BONESTEEL	.25	- .33	1.17	.40	1.26	- .49	5.51	3.22	2.75	- .55	2.38	-1.52	4.17	1.83	.32	-2.68	1.21	- .88E	T	-1.37	.63	- .09E	.10	- .44	E19.75	+ 2.90
BOWDLE	.71	.13	.65	.15	.53	- .42	2.13	.41	2.29	- .16	3.95	- .08	2.39	.30	2.23	.30	.21	-1.04	1.15	.14	1.24	.71	.35	.05	17.83	.49
BRIDGEWATER	.05		1.24		1.01		2.95		1.13		2.03		4.08		1.86		1.17		.20		1.07		.15		16.94	
BRITTON	.20	- .24	.26	- .30	.08	- .71	1.68	- .09	1.14	-1.08	4.36	.41	4.28	1.81	1.04	-1.78	.21	-1.29	.70	- .31	1.53	.98E	.30	- .11	E15.78	+ 2.71
BROOKINGS 1 NE	.05	- .35	.60	.10	.27	- .80	1.99	.18	.10	-2.55	3.45	- .54	3.01	.95	.87	-2.03	1.91	- .19	.13	-1.11	.97	.30	.10	- .37	13.45	+ 6.41
BRYANT 1 NE	.10		.72		.55		1.29		2.38		4.08		3.31		.57		1.39		.38		1.59		.40		16.76	
BUFFALO GAP	.15		1.04		1.80		2.78		.66		3.52		8.46		.35		.12		.12		.40		.44		19.84	
BUSKALA RANCH	.72	- .55	1.00	.13	.52	-1.24	2.80	- .31	1.90	-2.11	4.06	- .19	5.32	2.73	1.61	- .19	.72	- .76	.94	- .32	1.29	.18	.64	- .34	21.52	+ 2.97
CAMP CROOK	.14	- .36E	.40	.09	.34	- .45	1.20	- .07	.51	-1.52	2.34	- .51	2.37	.57	.94	- .45	.16	- .79	.35	- .34E	.53	.23	.43	-.19E	9.71	+ 3.41
CANISTOTA 2 N	T	- .60	1.30	.46	.79	- .76	2.55	.49	1.24	-1.63	1.85	-2.51	3.18	.54	.97	-2.16	1.10	-1.38	.12	-1.14	1.34	.56	.44	- .15	14.88	+ 8.28
CANTON	.10		1.48		.91		3.29		.74		1.98		2.23		.43		.78		T	E	1.03		.31		E13.26	
CARTHAGE	.03		.66		.38		1.73		1.99		1.90		1.76		1.35		.85		.24		.88		.48		12.25	
CASTLEWOOD	.15	- .35	.60	.12	.67	- .37	1.47	- .62	1.21	-1.39	3.16	- .98	2.54	- .15	.58	-1.99	1.86	- .12	.37	- .94	1.76	1.07	.33	- .15	14.70	+ 5.87
CEDARBUTTE	.37		.79		.68		2.88		1.26		3.04		2.48		.70		.43		.25		.22		.27		13.27	
CENTERVILLE	.11		2.01		.79		3.46		.72		1.02		2.98		.57		2.13		.01		1.06		.21		15.07	
CHAMBERLAIN	.28		1.02		.78		3.66		2.43		3.16		2.63		.42		.23		T		.65		.03		15.29	
CHEYENNE AGENCY	.72		.99		.32		2.12		2.49		2.67		1.10		1.04		.07		.48		.65		.18		12.83	
CLARK	.10		.76		.63		1.36		1.97		2.26		2.00		.58		.81		.25		1.57		.70		12.99	
CLEAR LAKE	.13		.67		.73		2.75		1.57		3.48		2.42		1.80		3.06		.15		1.86		.29		18.91	
COLUMBIA 8 N	.22		1.72		T		2.10		1.98		2.70		1.69		.68		.23		.79		1.02		T		13.18	
CONDE 3 ESE	.10		.56		.38		1.20		1.71		1.73		3.36		.63		.35		.00		.93		.30		11.25	
COTTONWOOD 2 E	.38	- .13	.54	.14	.80	- .15	2.56	.94	1.72	- .85	4.68	1.78	3.63	2.24	1.35	.10	.21	- .78	.10	- .79	.10	- .26	.36	.00	16.43	2.24
CUSTER	.22	- .19	.59	.21	.88	- .12	2.80	.92	1.86	-1.23	3.48	.39	4.39	2.42	.48	-2.04	.04	-1.01	.33	- .72	.48	.09	.25	- .11	15.80	+ 1.39
DEADWOOD	.21		2.21		.47		5.54		2.62		2.73		9.76		1.32		.04		1.33		1.42		.52		28.17	
DEERFIELD 5 NW	.63		.98		1.24		3.01		1.10		4.01		4.46		2.08		.24		1.06		1.24		.73		20.78	
DE SMET	T		.66		.50		1.74		2.37		4.25		4.15		1.83		1.71		.00		1.38		.62		19.21	
DEWEY 15 NNE	.10		-		.50		-		.70		4.04														-	
DUMONT 2 ENE	.98	- .41	1.53	.66	.55	-1.19	3.77	1.24	1.88	-1.43	3.72	.16	4.15	2.03	2.23	.47	.23	-1.15	1.75	.62	1.47	.24	.92	- .06	23.18	1.18
DUPREE	.21	- .38	.48	- .11	.09	-1.06	1.76	.28	.35	-1.57	3.16	- .30	1.86	.34	.99	- .59	.01	- .93	.19	- .80	.57	.04	.17	- .18	9.84	+ 5.26
DUPREE 16 S	.41		.79		.47		2.14		1.00		2.97		2.38		.26		T		.22		.39		.34		11.37	
EAGLE BUTTE	.25		.24		.14		3.11		1.30		3.07		1.16		.82		T		.23		.39		.24		10.97	
ELLINGSON 1 NW	.31		.57		.40		2.22		.66		2.87		2.79		1.47		.05		.26		.99		.23		12.78	
ELM SPRINGS 3 E	.39		.92		.37		1.58		1.18		5.76		3.54		.46		.79		.23		.51		.17		15.50	
EUREKA	.69	.31	.82	.43	.22	- .47	1.36	- .02	2.46	.06	3.90	- .12	3.15	.78	1.31	- .89	.57	- .73	.52	- .47	.95	.57	.34	.09	16.29	+ .46
FAITH	.20		.76		.32		2.02		.55		3.33		1.62		1.12		T		.22		.60	E	.27		E11.01	
FARMINGDALE 2 N	.25		.69		.15		2.26		.87		4.32		4.13		.41		.60		.34		.11		.38		14.51	
FAULKTON 1 NW	.23	- .25	1.03	.58	.41	- .56	2.83	.97	1.44	- .97	2.49	-1.06	2.36	.26	.98	-1.11	.05	-1.33	.46	- .64	.72	.20	.22	- .14	13.22	+ 4.05
FLANDREAU	T	- .58	.88	.10	.51	- .81	2.30	.27	1.14	-1.79	3.75	- .56	1.55	-1.05	1.47	-1.52	1.35	-1.28	.64	- .68	2.34	1.48	.24	- .33	16.17	+ 6.75
FORESTBURG 3 NE //	T	- .48	1.36	.81	1.05	- .39	3.07	.69	2.38	- .23	1.68	-2.22	2.14	- .12	1.25	-1.12	.62	-1.02	.15	-1.14	.67	- .03	.12	- .57	14.49	+ 5.82
FORT MEADE	.23		1.15		.47		4.26		1.23		3.13		3.29		1.16		.05		.69		.73		.33		16.92	
FORT THOMPSON 3 E	.11		.72		.96		2.08		2.31	E	2.21		2.29		.33		.00		.00		.32	E	.19		E11.52	
FREDERICK	.21		1.30		.07		1.89		2.26		2.76														-	
GANNVALLEY	.04		.47		.22		1.58		1.22		2.78		2.97		.72		.14		.09		.14		.08		10.48	
GETTYSBURG	.52	.14	1.37	.89	.52	- .43	2.84	1.26	2.31	.09	2.26	-1.39	2.24	.32	2.02	.30	.09	-1.10	.45	- .45	.51	.09	.17	- .17	15.30	+ .45
GLAD VALLEY 2 W	.19		.74		.18		2.21		1.10		4.62		4.98		1.21		.05		.32		1.07		.47		17.14	
GREGORY	.36	- .16	1.19	.45	.87	- .53	5.44	3.22	2.57	- .44	3.03	-1.21	3.67	1.59	.36	-2.12	.48	-1.18	.03	-1.26	.60	- .18	.24	- .36	18.82	+ 2.18
HARDING 3 SE	.50		.90		.58		1.60		.57		2.74		3.04		1.17		T		.60		.92		.76		13.38	
HAYES 5 ESE	.82		1.00		.51		2.83		2.17		4.79		2.71		.30		.06		.05		.30		.23		19.77	
HAYES 12 NNW													-		.68		.24		.10		.16		.16		-	
HERMOSA 1 ENE	.21		.51		.90		3.06		4.10	E	2.78		3.89		.10		.01		.04		.21		.26		E16.07	
HIGHMORE 1 W	.34	- .08	1.02	.49	.65	- .55	2.70	.99	1.34	- .84	2.27	-1.44	2.23	.43	1.76	- .23	.92	- .29	.27	- .86	.42	- .07	.19	- .21	14.11	+ 2.66
HIGHMORE 25 N	.29		.88		.59		2.80		2.39		2.52		3.17		1.55		T		.22		.36		.11		14.88	
HILLAND 4 NNW	.37		.53		.43		2.77		2.05		4.61		2.81		.14		.25		.27		.43		.33		14.99	
HILL CITY 1 E	.32		.63		.79		2.79		1.15		3.84		3.85		1.01		.27		.07		.84		.27		15.83	
HOPEWELL 1 SE	.40		1.10		.25		3.45		1.15		3.76		1.28		.44		T		.00		.23		.12		E12.18	
HOT SPRINGS	.08	- .33	.82	.30	.61	- .51	2.02	.11	1.19	-1.85	3.62	-1.19	7.61	5.49	.11	-1.60	.04	-1.29	.15	- .62	.24	- .13	.14	- .20	14.85	+ 1.82
HOT SPRINGS 7 W	.10		.80		1.26		3.31		.93		3.58														-	
HOWARD	.01	- .49	.74	.16	.84	- .43	3.79	1.61	1.31	-1.49	1.98	-2.07	1.82	- .61	2.12	- .60	1.39	- .81	.13	-1.06	1.19	.46	.53	- .01	15.85	+ 3.34
HURON WB AIRPORT R//	.05	- .52	1.58	1.09	.65	- .44	2.20	.28	1.44	- .81	2.04	-1.02	3.14	1.06	.45	-1.53	.98	- .75	.19	-1.07	.49	- .17	.37	- .08	13.58	+ 3.96
INTERIOR 3 NE	.24		.13		.35		2.67		1.29		3.38		5.76		.68		.04		.09		.13		.26		15.05	
IPSWICH	.34		1.66		.41		2.13		2.51		3.20		2.39		1.61		.12		.36		.80		.22		13.79	
IROQUOIS	.04		.73		.77		1.55		2.93		2.49		3.29		.09		.87		.20		.64		.52		14.32	
KADOKA	.51		.94		.73		3.24		2.91		5.07		4.20		.54		.26		.03		.27		.86		19.06	
KELDRON 11 S	.07		.33		.12		1.75		.97		3.12														-	
KENNEBEC	.21	- .31	.83	.27	.57	- .51	3.31	1.62	.65	-1.71	2.25	-1.03	3.28	1.74	.95	-1.08	.08	-1.30	T	-1.04	.23	- .32	.18	- .25	12.84	+ 3.92
KYLE	.17		.43		.55		1.72		1.68		3.55		3.52		.18		.52		.81		.18		.24		15.57	
LA DELLE 7 NE	.05	- .42	.79	.35	.86	- .17	1.25	- .63	1.81	- .47	3.64	- .21	4.72	2.18	.55	-1.66	.63	-1.01	.25	- .89	.75	.18	.49	- .01	15.79	+ 2.76
LEAD //	.83	- .28	2.06	1.19	.58	-1.12	5.52	2.56	1.66	-2.24	3.78	- .31	8.78	6.70	1.50	- .18	.04	-1.53	2.01	.69	1.94	.80	1.33	.38	30.03	6.64
LEOLA	.16	- .31	1.13	.61	.26	- .72	1.83	.59	.87	-1.18	3.51	- .40	2.67	.89	1.31	- .45	.13	-1.05	.54	- .27	1.87	1.39	.44	.18	14.72	+ .72
LITTLE EAGLE	.91	.07	1.82	1.39	.21	- .71	2.10	.38	3.39	1.34	4.06	.17	1.44	-1.29	.88	-1.26	.32	-1.09	.47	- .45	1.03	.54	.21	- .14	16.44	+ 1.05
LONGVALLEY	.16		1.39		.18		2.87		1.04		2.92														-	
	.34	- .11	.36	- .11E	.79	- .35	2.92	1.07	.56	-2.35	2.60	- .64	4.18	2.78	.20	-1.55	.60	- .57	.08	- .97	.27	- .18	.25	- .02E	13.19	+ 3.01
LUDLOW 2 NW	.04	- .29	.66	.35	.27	- .24	.92	- .23	.46	-1.37	4.00	.41	2.75	.77	1.17	- .23	.07	- .87	.52	- .25	.61	.20	.30	.30	11.97	+ 1.65
MADISON 1 WNW	T		.79		.74		2.46		.59		3.19		2.92		3.29		1.02		.36		1.16		.30		17.02	
MANDERSON	.02		.74		.23		2.56		.75		3.60		4.33		.00		.60		.50	E	.23	E	.32		E14.08	
MARION	T	- .53	1.56	.65	1.29	- .34	3.67	1.65	.79	-2.36	1.50	-2.84	4.28	1.48	1.19	-1.68	1.41	- .93	.06	-1.36	.99	.17	.14	- .49	16.80	+ 4.84
MARTIN	.20		.48		.28		1.50		1.61		5.34		4.50		.37		.53		.41		.19		.25		19.68	
MC INTOSH	.18		.70		.32		1.71		1.62		3.71		2.46		1.28		T		.50		.78		.15		13.33	
MC LAUGHLIN	.24		1.76		.25		3.06		1.00		2.78		2.99		2.24				.10		.76		.27		17.05	
MELLETTE	.03	- .57	1.34	.91	.32	- .86	2.13	.16	2.06	- .27	3.06	- .98	1.48	- .59	2.02	- .02	.24	-1.18	.21	- .96	1.60		.17	- .44	15.82	+ 7.04
MENNO	.21	- .45	1.83	.95	1.26	- .36	3.26	1.18	1.30	-1.94	1.67	-2.61	2.71	.33	1.17	-1.89	1.35	- .63	.03	-1.23	.86	.07	.29	- .23	14.11	+ 4.49
MIDLAND	.41		.35		.30		3.56		2.02		4.05		2.21		.15		.04		.04		.34		.12		13.99	
MILBANK	.26	- .31	1.04	.49	.40	- .79	2.74	.52	1.90	- .88	2.82	-1.43	2.85	.42	1.21	-1.42	1.08	- .79	.22	-1.11	1.80	1.02	.37	- .21	16.69	+ 4.49
MILESVILLE 5 NE	.38	E .75	.51		.51		2.91		2.50		4.66		9.48		1.02		.17		.13		.37		.33		E16.21	
MILLER	.15	- .41	.90	.40	.50	- .63	2.30	.17	3.08	.68	2.12	-1.95	2.36	.34	.76	-1.07	.78	- .50	.23	-1.02	.41	.04	.19	- .28	13.96	+ 4.23
MISSION 14 SSE	.27		.79		.77		3.00		1.85		4.52		5.28		.22		1.02		.00		T		.13		E17.85	
MITCHELL 2 SE	.04	- .43	1.75	1.15	.82	- .59	3.57	1.33	2.18	- .55	1.84	-2.09	2.97	.71	3.36	.65	.91	-1.25	.15	-1.10	.77	.08	.09	- .41	18.45	+ 2.50

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN FAA AP R//	.22	- .68	.85	.22	.19	-1.05	.42	-1.70	3.40	1.16	.50	-3.94	1.74	- .87	1.48	- .68	3.15	1.72	1.54	.36	.88	.17	.73	.10	15.06	- 4.57
ACADEMY	.42	- .10	.81	.14	1.26	.03	1.13	-1.22	5.66	2.71	2.75	-1.36	1.57	- .66	2.03	- .53	2.75	1.23	2.00	.76	1.47	.91	.69	.23	22.54	2.14
ALCESTER 9 SE	.11		1.04		.75		1.18		8.55		2.26														-	
ALCESTER 7 ESE	.34		.94		1.30		1.17		7.96		2.59														-	
ALCESTER 4 ESE	.21		.98		1.04		1.38		7.35		2.24														-	
ALCESTER 4 SE	-		-		-		-		-		-														-	
ALEXANDRIA	.13	- .29	.32	- .28	.53	- .75	.83	-1.35	3.24	.52	2.38	-1.52	1.31	- .93	1.79	- .85	3.09	.98	3.87	2.63	.80	.14	.66	.20	18.95	- 1.50
ANDOVER 7 N	.27		.84		.15		.56		2.79		1.04		2.58		.51		2.22		1.71		.68		.58		13.93	
ANGOSTURA DAM	.37		.29		.62		.76		2.95		3.69		1.23		.30		3.12		.27		.55		.28		14.43	
ARDMORE E	.46	E	.36		.84		.37		2.94		2.87		2.19		.20		3.21		.44	E	.26		.11		E14.25	
ARLINGTON	.30	- .29	.52	- .14	.04	-1.45	.58	-1.75	3.98	1.22	3.02	- .96	2.64	.33	3.24	.57	1.11	-1.04	2.50	1.17	.65	- .15	.85	.26	19.43	- 2.23
ARMOUR	.20	- .33	.34	- .36	.78	- .67	.89	-1.16	4.82	2.12	2.80	-1.38	1.58	- .40	1.72	-1.61	3.54	1.59	3.47	2.25	.68	- .06	.99	.41	21.81	.40
ASHTON	.24		.75		.07		.12		2.43		1.88		1.61		1.19		3.05		1.73		.49		.50		14.06	
BELLE FOURCHE 2 NE	.24	- .02	.35	.12	.19	- .45	.65	-1.21	1.94	- .16	2.72	- .43	.65	- .68	.08	-1.13	1.56	.38	.72	- .05	.33	- .09	.07	- .15	9.50	- 3.87
BELLE FOURCHE 27 NNW	.32		.54		.06		1.83		2.60		2.36		.94		.86		1.28		.47		1.50		.08		12.84	
BISON	.18		.98		.15		.70		2.35		2.01		.77		1.09		2.18		.44		.27		.06		11.18	
BLUNT	.33		.65		.19		.55		5.83		2.87		.97		1.76		5.01		.61		.44		.20		19.41	
BONESTEEL	.15	- .43	1.36	- .59	1.04	- .71	2.02	- .27	4.99	1.69	1.44	-2.46	2.70	.36	2.62	- .38	2.37	.28	3.63	2.26	.65	- .07	.86	.32	E23.83	1.18
BOWDLE	.32	- .26	.79	.29	.22	- .73	.99	- .73	3.52	1.07	1.58	-2.45	-		-	-1.78			.76	- .25	-		-		-	
BRIDGEWATER	.15		.70		.53		.58		5.16		2.54		1.98		4.38		3.31		4.00		1.97		1.11		26.41	
BRITTON	.10	- .34	.22	- .34	.07	- .72	.68	-1.09	2.01	- .21	3.20	- .75	1.62	- .85	.96	-1.86	2.75	1.25	2.15	1.14	.30	- .25	.23	- .18	14.29	- 4.20
BROOKINGS 1 NE	.23	- .17	.36	- .14	T	-1.07	.32	-1.49	6.81	4.16	2.43	-1.56	1.60	- .46	3.06	.16	2.10	.00	2.59	1.35	.60	- .07	.62	.15	20.72	.86
BRYANT 1 NE	.26		.56		.14		.77		4.70		2.54		2.14		2.61		2.40		2.47		.71		.74		20.04	
BUFFALO GAP	.57		.38		.72		.96		2.59		2.81		2.78		.95		3.16		.16		.44		.12		15.64	
BUSKALA RANCH	.77	- .50	1.16	.29	1.28	- .48	1.86	-1.25	2.69	-1.32	3.57	- .68	.78	-1.81	.14	-1.66	2.08	.60	.78	- .48	1.99	.88	.54	- .44	17.64	6.85
CAMP CROOK	.22	- .28	.67	.36	.05	- .74	1.62	.35	2.04	.01	3.51	.66	1.54	- .26	.74	- .65	2.03	1.08	.53	- .16	.70	.40	.01	- .23	13.66	.54
CANISTOTA 2 N	.10	- .50	.58	- .26	.48	-1.07	.42	-1.64	6.91	4.04	1.85	-2.51	.92	-1.72	5.60	2.47	3.43	.95	3.76	2.50	1.48	.70	1.02	.43	26.55	3.39
CANTON	.38		1.11		1.02		.56		8.52		1.81		.65		6.00		2.71		2.75		1.25		1.39		28.15	
CARTHAGE	.22		.41		.12		1.12		4.35		3.48		2.01		3.39		2.94		2.94		.80		1.15		22.93	
CASTLEWOOD	.41	- .09	.53	.05	.07	- .97	.54	-1.55	4.44	1.84	3.60	- .54	1.46	-1.23	2.74	.17	1.41	- .57	2.32	1.01	.75	.06	.85	.37	19.12	1.45
CEDARBUTTE E	.24		.34		.66		1.31		3.76		1.66		1.65		.17		2.67		.30		.63		.14		E13.53	
CENTERVILLE	.42		1.22		1.94		1.38		8.32		1.55		.43		4.46		2.44		2.80		3.91		1.86		30.73	
CHAMBERLAIN	.30		.74		.51		1.48		3.63		3.71		1.67		1.55		5.40		1.14		.83		.32		21.28	
CHEYENNE AGENCY	.25		.57		.17		.35		4.07		2.62		1.92		.07		4.41		.41	E	.51	E	.25		E15.80	
CLARK	.25		.51		.17		.52		3.95		2.64		2.10		2.12		3.19		2.54		.54		.87		19.40	
CLEAR LAKE	.38		.68		.12		1.21		4.68		1.63		3.01		1.59		1.73		2.37		1.10		1.56		20.06	
COLUMBIA 8 N	.14		.49		.06		.49		3.19		2.21		2.88		1.28		2.66		1.13		.69		.65		E15.87	
CONDE 3 ESE	.11		.34		.02		.18		2.73		.88		2.18		.76		2.35		1.57		.42		.51		12.05	
COTTONWOOD 2 E	.53	.02	.93	.53	.34	- .61	1.12	- .50	4.36	1.79	3.00	.10	.70	- .69	.08	-1.17	3.24	2.25	.11	- .78	1.10	.74	.02	- .34	15.53	1.34
CUSTER	.21	- .20	.42	.04	1.12	.12	1.29	- .59	2.77	- .32	5.83	2.74	2.16	.19	.53	-1.99	2.63	1.58	.21	- .84	1.10	.71	.05	- .31	18.32	1.13
DEADWOOD	.95		1.53		1.12		1.28		2.96		3.60		.71		.20		1.30		.67		3.29		.91		18.52	
DEERFIELD 5 NW	.86		1.79		1.60		1.58		3.22		6.39		1.30		.45		2.38		.84		1.66		.30		22.35	
DE SMET	.45		.91		T		.92		4.03		3.28		1.99		4.15		2.26		2.79		.97	E	.93	E	22.68	
DUMONT 2 ENE	1.32	- .07	1.85	.98	1.71	- .03	1.85	- .68	3.14	- .17	4.30	.74	.67	-1.45	.13	-1.63	2.08	.70	.91	- .22	3.03	1.80	1.07	- .09	22.06	.06
DUPREE	.05	- .54	.54	- .05	.04	-1.11	.30	-1.18	3.41	1.49	1.74	-1.72	1.80	.28	.43	-1.15	2.02	1.08	.44	- .55	.37	- .16	.06	- .29	11.20	3.90
DUPREE 16 S	.23		1.17		.12		1.03		3.44		2.04		2.38		.02		2.29		.14		1.25		.33		14.44	
EAGLE BUTTE E	.15		.31		.37		.98		3.88		2.29		2.55		.04		2.55		.54		.87		T		E14.53	
ELLINGSON 1 NW	.09		.97		.22		.51		2.32		2.06		.35		1.02		2.42		.24		.57		.06		10.83	
ELM SPRINGS 3 E	.22		.45		.06		1.45		3.54		2.51		2.17		.27		2.03		.33		.87		.05		13.95	
EUREKA	.27	- .11	.45	.06	.07	- .62	.53	- .85	4.33	1.93	2.13	-1.89	1.80	- .57	2.51	.31	1.99	.69	.79	- .20	.42	.04	.10	- .15	15.39	1.36
FAITH	.21		1.26		.10		.49		-		-		-		-		-		-		.62		.12		-	
FARMINGDALE 2 N	.14		.21		.48		1.31		2.77		2.29		1.66		.48		1.98		.08		.79		T		12.19	
FAULKTON 1 NW	.17	- .31	.61	.16	.02	- .95	.32	-1.54	4.62	2.21	1.20	-2.35	2.11	.01	.28	-1.81	2.19	.81	.56	- .54	.35	- .17	.37	.01	12.80	4.47
FLANDREAU	.24	- .34	.67	- .11	.11	-1.21	.17	-1.86	5.41	2.48	1.50	-2.81	2.02	- .58	4.14	1.15	2.35	- .28	2.62	1.30	1.10	.24	.71	.14	21.04	1.88
FORESTBURG 3 NE //	.18	- .30	.70	.15	.10	-1.34	1.16	-1.22	3.88	1.27	2.56	-1.34	1.94	- .32	2.93	.56	2.99	1.35	2.86	1.57	1.22	.52	1.19	.50	21.71	1.40
FORT MEADE	.54		.69		.64		2.06		2.37		1.59		1.14		.30		2.31		.75		1.14		.19		13.72	
FORT SULLY 8 NE									3.32		1.10		.65		1.56		3.76		.45		-		.13		-	
FORT THOMPSON 3 E	.22		.74		.27		.53		2.83		1.70		1.73		1.59		5.63		.94		.34		E17.15			
GANNVALLEY	.04		.32		.14		.63		3.29		2.42		1.70		2.60		4.14		1.14		.40		.51		17.33	
GETTYSBURG	.27	- .11	.79	.31	.21	- .74	.54	-1.04	3.82	1.60	1.70	-1.95	1.02	- .90	.28	-1.44	3.73	2.54	.71	- .19	.53	.11	.27	- .07	13.87	1.88
GLAD VALLEY 2 W	.34		.93		.41		.79		3.16		2.68		1.69		.49		1.73		.52		.49		.10		E13.33	
GREGORY	.38	- .12	.62	- .12	1.06	- .34	1.66	- .56	3.88	.87	2.31	-1.93	2.37	.29	1.62	- .86	2.87	1.21	2.02	.73	1.60	.82	.64	.04	21.03	.03
HARDING 3 SE	.90		1.17		.20		1.47		2.48		1.86		1.03		.40		2.98		.30		.90		.20		13.89	
HAYES 5 ESE	.32		.84		.20		1.53		4.91		1.54		1.59		.16		5.19		.21		.76		.07		17.32	
HAYES 12 NNW	.04		.86		T		.78		4.07		1.78		1.02		.23		3.50		.19		.42		.03		12.92	
HERMOSA 1 ENE	.10		.38		.60		2.02		1.97		4.67		.52		T		2.94		.19		.94		.19		E14.52	
HIGHMORE 1 W	.17	- .25	.48	- .05	.09	-1.11	.13	-1.58	4.78	2.60	1.38	-2.33	1.43	- .37	1.21	- .78	3.97	2.76	1.03	- .10	.41	- .08	1.00	.60	16.08	- .69
HIGHMORE 25 N	.10		.34		.03		.27		4.15		1.21		2.83		.74		3.72		1.18		.44		.78		15.79	
HILLAND 4 NNW	.44		.74		.19		1.80		4.68		2.02		1.70		1.06		2.37		.29		.83		.07		16.19	
HILL CITY 1 E	.32		.60		1.88		1.98		3.34		3.50		2.78		.66		2.29		.23		1.08		.19		18.85	
HOPEWELL 1 SE	.10		.47		.10		.82		4.99		1.00		.76		.34		4.04		.19		.61		T		13.42	
HOT SPRINGS	.54	- .13	.18	- .34	.40	- .72	.80	-1.11	2.52	- .52	3.97	.96	1.61	- .51	.24	-1.47	2.64	1.31	.15	- .62	.54	.17	.25	- .11	13.86	- 2.83
HOWARD	.34	- .16	.55	- .03	.00	-1.27	.43	-1.75	4.19	1.39	2.64	-1.41	2.34	- .09	3.45	.73	3.18	.98	3.02	1.83 E	1.09	.36 E	.98	.44 E	22.21	1.02
HURON WB AIRPORT R//	.32	- .25	.55	.06	.16	- .93	.49	-1.43	3.32	.87	3.59	.53	1.64	- .44	4.01	2.03	2.27	.54	1.90	.64	.92	.26	1.08	.63	20.05	2.51
INTERIOR 3 NE	.11		.39		.41		.96		4.35		2.79		1.29		.22		2.65		.11		.36		T		13.66	
IPSWICH	.26		.43		.11		.48		3.40		3.55		2.14		1.12		2.36		.77		.54		.41		15.57	
IROQUOIS	.23		.51		.16		.59		4.03		2.39		1.81		3.60		3.33		2.60		.70		.70		20.65	
KADOKA	.32		.79		.70		1.97		5.95		3.77		.81		.32		3.32		.22		.79		.02		18.98	
KENNEBEC	.17	- .35	.47	- .09	.53	- .55	.81	- .88	2.96	.60	1.94	-1.34	1.63	.09	1.56	- .47	4.71	3.33	.42	- .62	.61	.06	.13	- .30	15.94	- .52
KYLE	-		.35		.40		-		-		2.64		.12		1.18		2.12		.28	E	1.00		.15		-	
LA DELLE 7 NE	.27	- .20	.66	.22	.15	- .88	.31	-1.57	3.82	1.54	2.94	- .91	3.01	.47	2.79	.58	3.10	1.46	2.18	1.04	.59	.02	.84	.34	20.66	2.11
LEAD //	1.48	.37	2.08	1.21	1.89	.19	2.34	- .62	2.95	- .95	3.95	- .14	.57	-1.51	.22	-1.46	1.77	.20	1.12	- .20	3.75	2.61	1.55	.60	23.67	.30
LEMMON	.33	- .14	1.18	.66	.33	- .65	.69	- .55	2.21	.16	1.88	-2.03	1.35	- .43	2.29	.53	1.54	.36	.48	- .33	.75	.27	.31	.05	13.34	- 2.10
LEOLA	.21	- .23	.57	.14	.20	- .72	.60	-1.12	2.74	.69	2.03	-1.86	3.33	.60	2.85	.71	2.65	1.24	1.64	.72	.65	.16	.42	.07	17.89	.40
LONGVALLEY	.26	- .19	.25	- .22	1.02	- .12	1.32	- .53	3.48	.57	1.89	-1.35	.60	- .80	.53	-1.22	2.62	1.45	.33	- .72	.35	- .10	.06	- .22	12.71	3.45
LUDLOW 2 NW	.08	- .25	.93	.62	.03	- .48	1.27	.12	1.69	- .14	2.13	-1.46	.80	-1.18	.25	-1.15	2.42	1.48	.40	- .37	.42	.01	.02	- .18	10.44	- 2.98
MADISON 1 WNW	.14		.44		.07		.22		4.55		1.59		1.87		6.55		1.67		2.93		1.14		.55		21.72	
MANDERSON	.07		.34		.81		.83		4.39		3.83		.82		.27		2.36		.24		.49		.14		14.59	
MARCUS 8 NNW									-		2.97		1.44		.10		2.12		.34		.62		.09		-	
MARION	.22	- .31	.76	- .15	.54	-1.09	.56	-1.46	8.05	4.90	1.09	-3.25	.73	-2.07	4.09	1.22	4.19	1.85	4.42	3.00	2.45	1.63	1.54	.91	28.66	5.18
MARTIN	.25		.47		.90		1.20		4.12		2.73		.38		1.14		2.13		.78		1.23		.10		15.43	
MC INTOSH	.18		.56		.02		.19		2.74		2.06		.64		1.32		1.73		.23		.63		.14		10.44	
MC LAUGHLIN	.38		.95		.31		.57		4.06		2.69		.33		.91		1.58		.80		.72		.31		E13.61	
MELLETTE	.20	- .40	.42	- .21	.03	-1.15	.27	-1.70	3.62	1.29	1.04	-3.00	1.30	- .77	1.16	- .88	2.80	1.38	1.66	.49	.28	- .39	.39	- .09	13.17	- 5.43
MENNO	.24	- .42	.84	- .04	.54	-1.08	.56	-1.52	5.68	2.44	1.61	-2.67	.69	-1.69	2.74	- .32	5.29	3.31	4.05	2.79	2.06	1.27	1.20	.57	25.50	2.64
MIDLAND	.17		.30		.31		1.22		4.69		2.50		2.29		.37		6.46		.03		.41		.02		18.77	
MILBANK	.26	- .31	.53	- .02	T	-1.19	-		-		-		-		2.79	.16	.95	- .92	2.13	.80	.65	- .13	1.67	1.09	-	
MILESVILLE 5 NE	.37		.63		.11		1.28		4.19		2.72		1.45		1.18		3.18		.28		.91		.15		16.45	
MILLER	.17	- .39	.39	- .11	.19	- .94	.22	-1.91	3.05	.65	1.55	-2.52	2.05	.03	1.67	- .16	4.50	3.22	1.33	.08	.65	.08	.69	.22	16.46	1.75
MISSION 14 SSE	.11		.15		.82		.90		2.07		1.78		.81		4.36		2.33		.32		.35		T		14.00	
MITCHELL 2 SE	.08	- .39	.30	- .30	.53	- .88	.65	-1.59	3.56	.83	2.35	-1.58	1.64	- .62	2.18	- .53	4.12	1.96	3.79	2.54	.92	.23	.68	.18	20.80	- .15
MOBRIDGE	.28	- .14	.62	.15	.16	- .78	.24	-1.05	3.75	1.53	2.07	-1.44	1.08	-1.09	1.65	- .22	1.31	.19	.49	- .64	.64	.26	.43	.12	12.72	- 3.11
MOUNT COOLIDGE	.36		.50		1.20		1.96		3.19		5.61		2.53		.43		2.86		.19		.83		.09		19.69	
MURDO	.15	- .45	.43	- .09	.76	- .54	1.33	- .46	3.29	.54	3.24	- .10	1.22	.03	.53	-1.42	4.42	3.20	.27	- .87	.69	.22	.08	- .28	16.41	- .22
NEWELL 2 NW	.35	- .09	.51	.12	.14	- .78	1.32	- .43	2.45	- .13	1.87	-1.36	1.81	.06	.08	-1.19	2.29	1.16	.47	- .40	.89	.36	.13	- .19	12.31	- 2.87

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN FAA AP //R	1.01	+.33	.52	- .11	.79	- .41	1.27	- .85	2.18	- .06	1.59	-2.45	.97	-1.64	4.21	2.05	.69	- .74	.56	- .62	.49	- .22	.68	.05	14.96	- 4.67
ACADEMY	.90	+.38	.88	- .21	1.19	- .04	3.27	+.92	5.04	2.09	2.53	-1.58	.56	-1.67	3.97	1.41	1.79	+.27	.43	- .81	1.11	+.55	.20	- .26	21.87	1.47
ALEXANDRIA	.29	- .13	.30	- .30	1.02	- .26	2.59	+.41	5.12	2.40	2.70	-1.20	.93	-1.31	3.20	.56	2.18	+.07	.54	- .70	1.44	+.78	.73	+.27	21.04	.59
ANDOVER 7 N	.58		.33		.46		3.21		E 2.82		2.97		.53		5.09		E 1.26		.75		.55		1.02		E19.97	
ANGOSTURA DAM	.41		.70		.17		.83		.82		2.74		.35		.48		.10		.00		.87		.65		8.12	
ARDMORE	.51		.49		.67		1.49		1.06		.83		1.65		.48		.21		.05		.95		.91		9.30	
ARLINGTON	.44	- .15	.10	- .56	1.21	- .28	3.22	+.89	2.95	+.19	4.33	+.35	.80	-1.51	7.01	4.34	1.89	- .26	.71	- .62	1.15	+.35	1.12	+.53	24.93	3.27
ARMOUR	.69	+.16	.92	+.22	1.54	+.09	3.26	1.21	1.09	1.39	3.07	-1.11	1.08	- .90	4.11	+.78	2.32	+.37	.23	- .99	1.57	+.83	.34	- .24	23.22	1.81
ASHTON	.44		.48		.85		2.09		1.98		4.83		2.33		3.33		1.10		.73		.68		1.16		20.00	
BELLE FOURCHE 2 NE	.10	- .16	.19	- .04	.43	- .21	.32	-1.54	2.01	- .09	2.50	- .65	.18	-1.15	3.08	1.87	.67	- .51	.01	- .76	.09	- .33	.33	.11	9.91	- 5.46
BELLE FOURCHE 27 NNW	.14		.61		.16		.30		1.65		3.44		.47		3.25		.63		.11		.08		E .42		E11.26	
BISON	.39		.06		.64		.25		3.31		2.30		1.69		1.85		.83		.48		.47		.30		E12.57	
BLUNT	.96		1.21		.96		2.22		2.67		5.77		.61		2.80		1.11		.30		.54		.80		19.95	
BONESTEEL	.50	- .08	1.41	+.64	1.19	- .60	3.89	1.60	5.85	2.55	4.18	+.28	.76	-1.58	3.66	+.66	1.79	- .30	.31	-1.06	.92	+.20	.05	- .49	24.47	1.82
BOWDLE	E .41	- .17	.39	- .11	.60	- .35	1.00	- .72	5.93	3.48	2.56	-1.47	.88	-1.21	5.17	3.24	1.05	- .20	.26	- .75	.29	- .24	.85	.55	E19.39	2.05
BRIDGEWATER	.59		.24		1.13		3.27		6.20		4.00		1.02		7.59		2.37		.67		1.21		E .85		E29.14	
BRITTON	.16	- .28	.12	- .44	.24	- .55	1.73	- .04	2.48	+.26	4.34	+.39	1.69	- .78	4.57	1.75	1.68	+.18	.82	- .19	.40	- .15	.93	+.52	19.16	+.67
BROOKINGS 1 NE	.32	- .08	.04	- .46	.87	- .20	3.00	1.19	3.26	+.61	4.73	+.74	1.49	- .57	6.98	4.08	2.64	+.54	.55	- .69	.88	+.21	1.22	+.75	25.98	6.12
BRYANT 1 NE	.32		.52		1.48		1.88		1.80		5.02		1.58		5.24		1.63		.69		1.19		1.15		22.70	
BUFFALO GAP	.54		.56		.27		.97		1.76		2.57		.84		1.52		.71		.15		.94		.75		11.38	
BUSKALA RANCH	.31	- .96	1.10	+.23	1.06	- .70	2.07	-1.04	1.34	-2.67	6.28	2.03	.67	-1.92	3.90	2.10	.93	- .55	.07	-1.19	.69	- .42	1.26	+.28	19.68	- 4.81
CAMP CROOK	.05	- .45	.38	+.07	.32	- .47E	.29	- .98	3.15	1.12	4.04	1.19	1.03	- .77	2.26	+.87	1.48	+.53	.08	- .61	.20	- .10E	.37	+.13	E13.65	+.93
CANISTOTA 2 N	.79	+.19	.24	- .60	1.47	- .08	2.77	+.71	5.19	2.26	4.58	+.22	.54	-2.10	7.75	4.62	2.48	+.00	.54	- .72	1.11	+.33	1.04	+.45	28.44	5.28
CANTON	.92		.42		1.65		5.10		5.81		3.65		1.04		10.27		3.66		.87		1.04		.81		35.24	
CARTHAGE	.18		.33		.69		1.87		4.20		4.41		.60		9.15		.99		.53		1.22		1.22		21.99	
CASTLEWOOD	.35	- .15	.30	- .18	.95	- .09	2.28	+.19E	2.81	+.21	4.78	+.64	1.93	- .76	5.75	3.18	1.01	- .97	.75	- .56	.91	+.22	1.31	+.83	E23.13	2.96
CEDARBUTTE	.70		1.07		.75		2.02		3.97		3.67		.65		4.23		.51		.37		.67		.69		E19.30	
CENTERVILLE	.69		.30		1.67		6.91		5.89		3.21		.59		5.58		4.65		.49		1.74		.61		32.33	
CHAMBERLAIN	.39		1.44		.80		3.02		4.21		3.77		.44		5.03		1.87		.30		1.06		.48		22.81	
CHEYENNE AGENCY	-		-		-		-		-		-		-		-		-		-		-		-		-	
CLARK	.99		.67		1.02		3.56		2.67		6.25		1.58		4.51		2.67		.79		.90		1.27		26.88	
CLEAR LAKE	.72		T		1.11		2.42		2.27		5.12		2.06		8.31		1.75		.85		.94		1.06		26.61	
COLUMBIA 8 N	.81		.38		.56		3.25		2.39		2.95		1.23		4.69		1.21		.71		.50		.83		E19.51	
CONDE 3 ESE	.56		.51		E .43		2.96		2.56		4.35		2.03		3.55		1.49		.55		.70		1.25		E20.94	
COTTONWOOD 2 E	.63	+.12E	.88	+.48	.81	- .14	1.36	- .26	3.10	+.53	3.11	+.21	2.31	+.92	1.60	+.35	.56	- .43	T	- .89	.55	+.19	.27	- .09	E15.18	+.99
CUSTER	.26	- .15	.59	+.21	.34	- .66	1.22	- .66	3.28	+.19	2.53	- .56	1.11	- .86	.75	-1.77	.85	- .20	.07	- .98	.60	+.21	.25	- .11	11.85	- 5.34
DEADWOOD	.46		1.44		2.09		1.97		1.08		3.70		1.57		2.24		.98		.71		.87		2.66		19.77	
DEERFIELD 9 NW	.28		1.32		.75		1.96		1.35		3.33		.67		1.31		1.09		.07		.74		E 1.19		E14.06	
DE SMET	.62		.45		1.57		2.06		3.08		4.39		1.69		5.34		1.14		.63		1.21		1.41		23.59	
DUMONT 2 ENE	.47	- .92	1.66	+.79	1.64	- .10	2.07	- .46	1.78	-1.53	6.72	3.16	1.64	- .48	3.91	2.15	1.54	+.16	.30	- .83	.85	- .38	2.06	1.08	24.64	2.64
DUPREE	.12	- .47	.13	- .46	.32	- .83	.13	-1.35	2.39	+.47	1.82	-1.64	.37	-1.15	2.97	1.39	.51	- .43	T	- .99	.20	- .33	.86	+.51	9.82	- 5.28
DUPREE 16 S	.30		.50		1.09		.10		3.44		2.03		.42		2.90		E .75		T		.30		1.18		E13.01	
EAGLE BUTTE	.39		.68		.66		.40		2.91		1.28		.66		2.25		.52		.03		.28		.95		11.01	
ELLINGSON 1 NW	.36		.32		.29		.36		3.08		3.95		.77		2.80		.73		.05		.13		.63		13.45	
ELM SPRINGS 3 E	.30		.52		.34		1.11		1.12		3.68		.67		2.15		1.33		T		.36		.96		12.54	
EUREKA	.19	- .19	.32	- .07	.28	- .41	.86	- .52	3.71	1.31	1.94	-2.08	1.71	- .66	5.13	2.93	1.48	+.16	.28	- .71	.20	- .18	.41	+.16	16.49	- .26
FAITH	.21		.17		.69		.06		1.26		2.50		1.53		3.68		.79		T		.26		.81		11.96	
FARMINGDALE 2 N	.04		.51		.32		1.24		1.81		2.42		.97		1.76		.66		T		.32		.54		10.59	
FAULKTON 1 NW	.79	+.31	.23	- .22	1.08	+.11	3.02	1.16	2.00	- .41	5.45	1.90	1.57	- .53	4.25	2.16	1.73	- .65	.38	- .72	.45	- .07	.61	+.25	20.56	3.29
FLANDREAU	.53	- .05	.08	- .70	1.07	- .25	3.28	1.25	4.67	1.74	4.95	+.64	.49	-2.11	6.28	3.29	3.77	1.14	.65	- .67	.85	- .01	.92	+.35	27.54	4.62
FORESTBURG 3 NE //	.70	+.22	.51	- .04	1.45	+.01	1.80	- .58	3.28	+.67	2.83	-1.07	.73	-1.53	5.18	2.81	.97	- .67	.71	- .58	1.43	+.73	.92	+.23	20.51	+.20
FORT MEADE	.24		.74		.49		1.23		1.22		3.36		.73		1.90		.93		.08		.27		1.18		12.37	
FORT SULLY 8 NE	.56		.78		.39		.66		1.71		6.41		.83		6.93		1.11		.40		.33		.77		20.88	
FORT THOMPSON 3 E	.39		1.34		.93		1.93		E 1.19		2.32		.88		3.32		1.64		.58		.71		.50		E17.93	
GANNVALLEY 1 ESE	1.12		1.07		1.39		1.88		3.66		2.59		.29		1.91		1.83		.61		1.09		.32		17.76	
GETTYSBURG	.72	+.34	.82	*.34	.66	- .29	1.92	+.34	4.30	2.08	4.07	+.42	1.39	- .53	4.61	2.89	.54	- .65	.23	- .67	.52	+.10	1.43	1.09	21.21	5.46
GLAD VALLEY 2 W	.23		.41		.43		.10		1.59		E 1.84		.17		3.11		.66		.32		.27		.61		E 9.74	
GREGORY	.85	+.35	1.63	+.89	1.35	- .05	4.22	2.00	4.45	1.44	4.74	+.50	1.02	-1.06	1.92	- .56	1.88	+.20	.38	- .91	1.39	+.61	.39	- .21	24.20	3.20
HARDING 3 SE	.50		.61		.20		.18		2.77		4.91		.61		2.08		2.00		.10		.25		.60		14.81	
HARRINGTON																			-		.52		.43		-	
HAYES 5 ESE	.66		1.41		1.35		2.32		2.53		4.97		.39		5.03		1.13		.21		.36		.95		21.31	
HAYES 12 NNW	.25		.78		.53		.56		1.92		3.65		.87		4.29		.94		.04		.25		.57		14.45	
HEREFORD	-		-		-		-		-		-		-		-		-		T		T		.82		-	
HERMOSA	-		-		-		-		-		-		-		-		.52		-		-		.56		-	
HIGHMORE 1 W	.51	+.09	.83	+.30	.28	- .92	2.40	+.69	2.53	+.35	4.16	+.45	.76	-1.04	3.57	1.58	1.28	+.07	.41	- .72	1.17	+.68	.63	+.23	18.53	1.76
HIGHMORE 25 N	1.03		.52		.69		2.80		2.09		7.35		.83		5.91		.86		.24		.42		.31		23.05	
HILLAND 4 NNW	.49		.59		.81		1.00		2.18		3.18		2.34		2.45		1.25		.06		.26		.70		15.31	
HILL CITY 1 E	.30		.47		.23		2.21		1.54		2.89		2.23		1.90		1.31		.03		.75		.58		14.44	
HOPEWELL 1 SE	.20		.83		.32		.68		1.72		4.60		.46		6.09		.80		.18		.10		.65		16.63	
HOT SPRINGS	.11	- .30	.54	- .08	.20	- .92	.62	-1.29	.27	-2.77	1.08	-1.13	.29	-1.87	.76	- .95	.18	-1.15	.03	- .74	.77	+.40	.64	+.28	6.19	-10.52
HOWARD	E .62	+.12E	.23	- .35E	1.28	+.01E	2.79	+.61	5.16	2.36	3.99	- .06	.98	-1.45	4.02	1.30	2.77	+.57	.63	- .56	.90	+.17	.63	+.09	E24.00	2.81
HURON WB AIRPORT //R	.55	- .02	.76	+.25	.67	- .42	1.55	- .37	2.19	- .06	3.35	+.29	.61	-1.47	3.76	1.78	2.37	+.64	.76	- .50	.87	+.21	.95	+.50	18.39	+.83
INTERIOR 3 NE	-.17		.72		.34		1.38		2.97		4.21		.92		2.43		1.35		T		.31		.14		13.94	
IPSWICH	.69		.18		.86		1.03		3.57		5.49		1.09		3.22		.82		.55		.57		.65		18.72	
IROQUOIS	.29		.59		.50		1.52		2.00		4.36		1.22		7.19		1.32		.94		1.49		1.00		22.42	
KADOKA	.39		1.27		.96		1.92		4.73		3.31		1.13		2.51		.82		.04		.80		.78		18.66	
KENNEBEC	.39	- .13	1.27	+.71	.52	- .56	3.62	1.93	2.89	+.53	2.48	- .80	1.10	- .44	2.76	+.73	1.25	- .13	.19	- .85	1.54	+.99	.24	- .19	18.25	1.79
KYLE	E 1.30		-		-		-		-		-		-		-		-		-		-		-		-	
LA DELLE 7 NE	.50	+.03	.28	- .16	.35	- .68	2.71	+.83	1.50	- .78	3.98	+.13	1.65	- .89	5.74	3.53	2.23	+.59E	.70	- .44	.96	+.39	.78	+.28	E21.38	2.83
LEAD //	.74	- .37	1.78	+.91	2.17	+.47	2.84	- .12	1.30	-2.60	3.48	- .61	1.28	- .80	2.41	+.73	.88	- .69	.83	- .49	1.08	- .06	2.49	1.54	21.28	- 2.09
LEMMON	.29	- .18	.20	- .32	.71	- .27	.25	- .99	3.71	1.66	2.28	-1.63	1.82	- .04	1.02	- .74	.93	+.25	.02	- .79	.32	- .16	.79	+.53	12.34	- 3.10
LEOLA	.31	- .13	.38	- .05	.49	- .43	1.63	- .09	4.37	2.32	3.77	- .12	2.17	- .56	3.49	1.35	1.79	+.38	.44	- .48	.28	- .21	.67	+.32	19.79	2.30
LUDLOW 2 NW	.29	- .04	.04	- .27	.25	- .26	.52	- .63	3.43	1.60	6.00	2.41	.79	-1.19	1.86	+.46	.62	- .32	.03	- .74	.33	+.08	.10	- .10	14.26	+.84
MADISON 1 WNW	.19		.18		.73		1.98		4.10		3.71		.27		7.80		3.65		.71		1.59		.91		E25.82	
MANDERSON	.43		1.00		.38		1.90		2.20		1.78		.69		.63		.40		.50		.48		.28		10.67	
MARCUS 8 NNW	.26		.34		.57		.10		.98		2.03		.44		.90		.85		.09		.09		.90		7.55	
MARION	1.22	.69	.18	- .73	1.72	.09	4.75	2.73	6.06	2.91	5.39	1.05	.33	-2.47	5.06	2.19	1.95	- .39	.79	- .63	1.27	+.45	.97	+.34	29.69	6.23
MARTIN	.87		1.47		.87		2.16		4.07		4.41		1.77		2.02		.49		.15		.45		.41		19.14	
MC INTOSH	.22		.09		.71		.38		4.44		1.93		2.20		4.00		1.10		.05		.19		.93		15.84	
MC LAUGHLIN	-		-		-		-		-		-		-		-		-		-		-		-		-	
MELLETTE	.64	.04	.37	- .26	.54	- .64	1.84	- .13	2.23	- .10	4.69	+.65	1.70	- .37	3.16	1.12	1.64	+.22	.64	- .53	.44	- .23	.66	+.18	18.95	- .05
MENNO	.76	+.10	.23	- .65	1.34	- .28	3.67	1.59	5.75	2.51	4.98	+.70	2.11	- .27	5.55	2.49	2.31	+.33	.67	- .59	1.68	+.89	1.11	+.48	30.16	7.30
MIDLAND	.23		.98		.57		1.10		3.86		4.18		1.57		4.27		.67		.15		.42		.38		18.38	
MILBANK	.62	+.05E	.26	- .29	1.03	- .16	3.49	1.27	2.35	- .43	4.67	+.42	1.01	-1.42	3.49	+.86	1.80	- .07	.99	- .34	.88	+.10	.65	+.07	E21.24	+.06
MILESVILLE 5 NE	.33		.54		.57		.58		3.90		4.40		.27		2.70		.93		T		.37		.95		15.54	
MILLER	.86	+.30	.88	+.38	.69	- .44	3.44	1.31	1.91	- .49	3.85	- .22	.90	-1.12	7.11	5.28	1.41	+.13	.65	- .60	.87	+.30	1.27	+.80	23.84	5.63
MISSION 14 SSE	.13		1.58		.50		4.17		5.19		1.70		1.15		3.03		.90		.40		1.20		.26		E20.21	
MITCHELL 2 SSE	.90	+.43	.75	+.15	1.85	+.44	2.89	+.65	5.72	2.99	3.86	- .07	1.84	+.42	2.76	+.05	2.39	+.23	.85	- .40	1.26	+.57	1.21	+.71	26.26	5.33
MOBRIDGE	.34	- .08	.30	- .17	.45	- .49	.98	- .31	2.85	+.63	1.85	-1.66	1.23	- .94	1.80	- .07	.36	- .76	.19	- .94	.29	- .09	1.23	+.92	11.87	- 3.96
MOUNT COOLIDGE	.32		.46		.39		1.00		1.09		3.62		1.07		.78		.51		.01		.49		.68		10.42	
MUROO	.28	- .32	1.08	+.56	.72	- .58	2.85	1.06	2.92	+.17	3.03	- .31	1.04	- .15	2.92	+.97	.77	- .45	.25	- .89	.42	- .05	.39	+.03	16.67	+.04
NEWELL 2 NW	.13	- .31	.29	- .10	.26	- .66	.46	-1.29	.99	-1.59	1.40	-1.83	.15	-1.60	3.09	1.82	.90	- .23	.01	- .86	.07	- .46	.36	+.04	8.11	- 7.07
OAHE DAM							1.11		1.42		6.86		.90		3.55		1.13		.25		.80		1.81		-	
OELRICHS	.73	+.40	1.05	+.76	.72	- .30	2.71	+.92	1.71	-1.38	1.81	- .88	1.13	- .85	.98	- .32	.54	- .62	.14	- .64	1.19	+.80	1.01	+.65	13.72	- 1.46

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN FAA AP //R	.01	- .67	.39	- .24	.15	-1.05	1.12	-1.00	3.61	1.37	1.62	-2.42	2.08	- .53	1.15	-1.01	2.09	.66	2.24	1.06	.02	- .69	.59	- .04	15.07	- 4.56
ACADEMY	.41	- .11	.48	- .19	.78	- .45	.80	-1.55	3.47	.52	2.73	-1.38	3.20	.97	1.95	- .61	1.87	.35	1.14	- .10	.40	- .16	.27	- .19	17.50	- 2.90
ALEXANDRIA	.28	- .14	.33	- .27	.82	- .46	.97	-1.21	4.27	1.55	5.71	1.81	2.09	- .15	2.68	.04	1.98	- .13	2.67	1.43	.39	- .27E	.75	.29	E22.94	2.49
ANDOVER 7 N	.07		.55		.28		1.00		3.47		1.89		4.25		1.38		2.18		1.83		.07		.92		17.89	
ANGOSTURA DAM	.05		E .30		.94		1.06		3.02		1.15		2.98		.22		1.15		.44		.36		.34		E12.01	
ARDMORE	.14		.13		.46		1.73		2.96		.84		3.70		1.11		.76		.65		.07		.40		12.99	
ARLINGTON	.08	- .51	.36	- .30	.53	- .96	.86	-1.47	6.15	3.39	4.64	.66	1.97	- .34	1.66	-1.01	2.10	- .05	2.34	1.01	.55	- .25	.91	- .08	21.75	.09
ARMOUR	.60	.07	.31	- .39	1.50	.05	.97	-1.08	3.37	.67	3.28	- .92	3.05	1.07	5.58	2.25	1.92	- .03	2.33	1.11	.25	- .49	.49	- .09	23.63	2.22
ASHTON	T		.64		.54		.75		4.26		.89		3.31		1.11		1.55		3.86		T		.44		17.35	
BELLE FOURCHE 2 NE	.08	- .18	.14	- .09	.10	- .54	1.48	- .38	.81	-1.29	1.31	-1.84	2.32	.99	.40	- .81	1.79	.61	1.21	.44	.31	- .11	.33	.11	10.28	- 3.09
BELLE FOURCHE 29 NNW	T		.14		.37		.98		.84		1.25		2.48		.41		1.92		1.23		.22		.30		10.14	
BISON	T		.15		.66		1.00		1.93		1.42		2.52		1.28		2.91		E .66		.10		E .12		E12.75	
BLUNT	.11		.17		.56		1.10		4.65		2.67		2.04		.91		2.65		.41		.02		.29		15.58	
BONESTEEL	.42	- .16E	.39	- .38	1.38	- .37	.72	-1.57	2.65	- .65	3.38	- .52	3.64	1.30	5.11	2.11	2.33	.24	1.36	- .01	.07	- .65	.17	- .37	E21.62	- 1.03
BOWDLE	.00	- .58	.14	- .36	.32	- .63	1.40	- .32	4.08	1.63	1.04	-2.99	1.45	- .64	1.50	- .43	4.33	3.08	.18	- .83	.09	- .44	.51	.21	19.04	- 2.30
BRIDGEWATER	E .32		.73		.93		1.17		3.85		3.08		2.60		1.96		2.22		2.23		.90		.55		E20.54	
BRITTON	.05	- .39	.31	- .25	.17	- .62	1.45	- .32	2.89	.67	3.19	- .76	2.10	- .37	1.10	-1.72	2.30	.80	1.52	.51	.08	- .47	.27	- .14	15.43	- 3.06
BROOKINGS 1 NE	.12	- .28	.23	- .27	.54	- .53	.97	- .84	6.00	3.35	4.64	.65	2.03	- .03	5.52	2.62	2.02	- .08	1.63	.39	.20	- .47	.18	- .29	24.08	4.22
BRYANT 1 NE	.08		.28		.41		.87		4.99		4.62		1.46		.63		2.34		2.11		.50		.94		19.23	
BUFFALO GAP	.03		.28		1.21		.72		2.03		1.88		1.59		.49		1.44		.90		.38		.27		10.82	
BUSKALA RANCH	.14	-1.13	.57	- .30	.48	-1.28	2.04	-1.07	1.00	-3.01	1.49	-2.76	2.34	- .25	.93	- .87	2.56	1.08	.72	- .54	.51	- .60	1.06	.08	13.84	-10.65
CAMP CROOK	.02	- .48	.09	- .22	.46	- .33	.83	- .44	1.91	- .12	1.23	-1.62	.67	-1.13	1.93	- .56	2.66	1.71	.57	- .12	.80	.50	.60	.36	11.77	- 1.35
CANISTOTA 2 N	.12	- .48	.68	- .16	.91	- .64	1.00	-1.06	3.82	.95	3.44	- .92	3.77	1.13	1.79	-1.38	2.50	.02	1.39	.13	.80	.02	.63	.04	20.81	- 2.35
CANTON	.30		.69		1.14		1.24		3.85		1.81		2.04		3.08		2.21		1.59		1.80		1.25		21.00	
CARTHAGE	.17		.26		.88		.67		6.30		3.25		3.71		.44		2.19		4.31		.24		.19		22.61	
CASTLEWOOD	.13	- .37	.37	- .11	.53	- .51	1.49	- .60	5.24	2.64	4.79	.65	2.05	- .64	3.33	.76	2.55	.57	1.50	.19	.29	- .40	.56	.08	22.83	2.26
CEDARBUTTE	.05		.32		.45		.83		4.27		2.93		2.64		1.15		1.84		.62		.01		.13		15.24	
CENTERVILLE	.55		1.13		1.36		.80		4.29		4.36		3.92		3.23		2.50		1.52		1.97		1.19		27.04	
CHAMBERLAIN	.27		.26		.32		.76		5.07		3.14		2.94		1.30		1.16		1.08		T		.20		16.50	
CHEYENNE AGENCY	-		-		-		-		-		-		-		-		-		-		-		-		-	
CLARK	.05		.62		.36		.94		4.49		3.51		1.61		4.67		2.14		3.49		.05		.80		22.73	
CLEAR LAKE	.04		.52		.57		1.43		5.40		4.27		1.64		3.04		2.64		1.73		.26		.54		22.08	
COLUMBIA 8 N	T		.30		.10		1.04		3.18		2.24		2.55		.43		3.02		3.20		.04		.43		17.13	
CONDE 3 ESE	.05		.46		.08		.74		3.54		2.12		3.46		2.78		1.68		2.67		T		.34		17.92	
COTTONWOOD 2 E	.08	- .43	.13	- .27	1.12	.17	.37	-1.25	3.44	.87	2.67	- .23	2.69	1.30	.59	- .66	1.80	.81	.88	- .01	.08	- .28	.23	- .13	14.08	- .11
CUSTER	T	- .41	.36	- .02	1.25	.25	1.36	- .52	1.61	-1.48	2.06	-1.03	3.15	1.18	1.29	-1.23	1.84	.79	.80	- .25	.30	- .09	.11	- .25	14.13	- 3.06
DEADWOOD	.14		1.27		.89		3.37		1.07		1.53		2.86		.03		3.38		1.44		1.01		1.04		18.03	
DEERFIELD 5 NW	.11		.44		.94		1.93		1.69		1.42		4.36		1.36		2.31		.72		.62		.88		16.78	
DE SMET	.20		.57		.86		1.34		4.51		5.48		2.75		.36		1.94		4.39		.43		.84		23.67	
DUMONT 2 ENE	.30	-1.09	1.01	.14	.66	-1.08	2.65	.12	1.07	-2.24	1.66	-1.90	3.21	1.09	.56	-1.20	2.69	1.31	.91	- .22	.62	- .61	1.60	.62	16.94	- 5.06
DUPREE	T	- .59	.08	- .51	.36	- .79	.96	- .52	2.33	.41	1.32	-2.14	3.78	2.26	.21	-1.37	2.36	1.42	.27	- .72	.10	- .43	.13	- .22	11.90	- 3.20
DUPREE 16 S	.28		.20		1.28		1.07		2.52		1.76		2.53		.77		2.43		.41		.17		.25		13.71	
EAGLE BUTTE	.10		.11		.72		1.19		3.38		1.04		3.31		.13		3.29		.46		.20		.63		14.56	
ELLINGSON 1 NW	T		.43		.90		1.27		1.95		.90		1.22		.90		2.61		.77		.10		.18		11.23	
ELM SPRINGS 3 E	.09		.19		.39		.62		1.43		.75		2.97		.58		2.08		1.10		.40		.25		10.85	
EUREKA	T	- .38	.20	- .19	.45	- .24	.93	- .45	2.39	- .01	2.61	-1.41	1.67	- .70	1.33	- .87	4.36	3.06	.16	- .83	.08	- .30	.27	.02	14.45	- 2.30
FAITH	.02		.09		.31		1.10		1.72		2.78		2.40		.49		1.92		.24		.17		.18		11.42	
FARMINGDALE 2 N	.05		.18		.44		.66		1.08		.90		1.94		1.03		.93		.52		.18		.28		8.19	
FAULKTON 1 NW	T	- .48	.25	- .20	.13	- .84	1.31	- .55	4.21	1.80	2.65	- .70	2.36	.26	.45	-1.64	2.15	.77	1.34	.24	T	- .52	.17	- .19	15.22	- 2.05
FLANDREAU	.20	- .38	.71	- .07	.82	- .50	1.05	- .98	3.63	.70	3.48	- .83	3.04	.44	2.91	- .08	2.54	- .09	1.77	.45	.71	- .15	.39	- .18	21.25	- 1.67
FORESTBURG 3 NE //	.30	- .18	.32	- .23	.96	- .68	.81	-1.57	5.88	3.27	4.00	.10	2.66	.40	.61	-1.76	1.43	- .21	5.08	3.79	.32	- .38	.16	- .55	22.51	2.20
FORT MEADE	.16		.46		.33		1.78		1.24		2.01		2.26		1.57		1.95		1.71		.49		.50		14.44	
FORT SULLY 8 NE	.05		E .10		T		1.27		4.54		2.06		2.36		.72		1.90		.38		T		.36		E13.74	
FORT THOMPSON 3 E	.09		.24		.11		1.20		4.49		3.30		2.33		.86		1.80		.39		.00		.15		14.96	
GANNVALLEY 1 ESE	.16		.29		.45		1.14		9.01		2.03		1.49		1.03		1.16		1.34		.02		.16		14.28	
GETTYSBURG	.01	- .37	.23	- .25	.48	- .47	1.08	- .50	4.13	1.91	.93	-2.72	1.59	- .33	.55	-1.17	2.17	.98	.45	- .45	.05	- .37	.51	.17	12.18	- 3.57
GLAD VALLEY 2 W	.13		.22		.50		.71		3.08		2.09		2.46		.94		3.68		.22		.06		.36		14.11	
GREGORY	.33	- .17	.31	- .43	.50	- .90	1.22	-1.00	4.06	.05	3.57	- .67	2.30	.22	.65	-1.83	2.87	.21	.98	- .33	.26	- .52	.23	- .37	16.24	- 5.74
HARDING 3 SE	.10		.40		.57		1.28		1.38		1.22		1.22		2.40		2.31		1.18		.80		.34		13.20	
HARRINGTON	.05		.25		.72		.60		5.17		1.59		3.52		2.00		1.39		.31		.14		.29		16.03	
HAYES 5 ESE	T		.13		1.29		1.47		5.33		3.37		.53		.29		1.46		.12		.06		.43		14.48	
HAYES 12 NNW	.11		.09		.74		.57		4.62		1.20		1.13		.09		2.39		.36		T		.61		11.91	
HEREFORD	.15		.07		.35		.97		1.03		.23		1.73		.86		1.02		1.21		.48		.12		8.22	
HERMOSA	.02		.25		.80		.63		2.69		1.70		1.46		.13		1.23		.72		.06		.06		9.75	
HIGHMORE 1 W	.25	- .17	.29	- .24	.17	-1.03	.46	-1.25	5.15	2.97	2.19	-1.52	2.04	.24	1.04	- .95	1.36	.15	.37	- .76	T	- .49	.24	- .16	13.56	- 3.21
HIGHMORE 29 N	.07		.14		.07		.79		4.33		1.60		1.89		.41		1.95		.92		T		.26		12.43	
HILLAND 4 NNW	.18		.11		.78		.65		1.78		1.65		1.72		.56		2.18		.88		.06		.38		10.93	
HILL CITY 1 E	.04		.40		1.02		1.40		1.59		1.20		4.42		1.32		1.73		.90		.23		.15		14.40	
HOPEWELL 1 SE	.18		.15		1.22		1.03		5.77		.73		1.29		.98		1.67		.35		T		.63		14.00	
HOT SPRINGS	.03	- .38	.19	- .33	1.01	- .11	.89	-1.02	2.70	- .34	1.16	-1.85	4.54	2.42	.18	-1.53	1.48	- .15	.51	- .26	.21	- .16	.26	- .10	13.16	- 3.51
HOWARD	.25	- .25	.42	- .16	.81	- .46	.87	-1.31	4.98	2.18	4.48	.43	3.83	1.40	1.20	-1.52	1.51	- .69	3.38	2.19	.28	- .45	.54	.00	22.35	1.36
HURON WB AIRPORT //R	.19	- .38	.41	- .08	.37	- .72	.46	-1.46	4.36	2.11	4.56	1.48	2.29	.21	.59	-1.39	1.69	- .04	4.66	3.40	.07	- .59	.29	- .18	19.92	2.38
INTERIOR 3 NE	T		.23		1.37		.43		3.53		2.10		1.01		.45		1.88		.82		.04		.15		12.01	
IPSWICH	T		.34		.69		1.06		4.86		2.49		2.29		.46		2.16		1.44		.06		.38		16.23	
IROQUOIS	.15		.36		.34		.54		5.86		3.65		2.20		.62		1.84		4.54		.24		.33		20.67	
KADOKA	.12		.36		1.41		.58		4.86		4.85		4.09		.36		2.38		.75		.12		.33		20.21	
KENNEBEC	.03	- .49	.20	- .36	.25	- .83	1.18	- .53	4.15	1.79	2.62	- .66	2.22	.68	2.17	.14	1.48	.10	.38	- .66	.01	- .54	.16	- .27	14.83	- 1.63
KYLE	-		-		-		-		-		-		-		-		-		-		-		-		-	
LA DELLE 7 NE	T	- .47	.31	- .13	.23	- .80	.68	-1.20	3.96	1.70	2.77	-1.08E	2.35	- .19	1.53	- .68	2.06	.42	5.60	4.46	.10	- .47	.48	- .02	E20.09	1.54
LEAD //	.24	- .87	1.14	.27	.61	-1.09	2.83	- .13	.63	-3.27	2.09	-2.00	1.97	- .11	.57	-1.11	2.95	1.38	1.47	.15	1.15	.01	1.92	.97	17.57	- 5.80
LEMMON	.04	- .43	.34	- .18	.46	- .52	1.40	.16	2.21	.16	.58	-3.33	1.69	- .09	.22	-1.54	2.72	1.54	.83	.02	.10	- .38	.21	- .05	10.80	- 4.64
LEOLA	T	- .44	.58	.15	.26	- .66	1.21	- .51	3.46	1.41	2.79	-1.10	3.60	.87	1.44	- .70	3.92	2.51	.40	- .52	.10	- .39	.45	.10	18.21	- .72
LONGVALLEY	.15	- .30	.13	- .34	.99	- .15	1.09	- .76	4.23	1.32	2.14	-1.10	5.76	4.36	2.77	1.02	1.97	.80	.47	- .58	T	- .45E	.21	- .07	E19.91	3.75
LUDLOW 2 NW	T	- .33	.15	- .16	.28	- .23	1.11	- .04	1.91	.08	4.13	.54	.24	-1.74	1.36	- .04	3.16	2.20	.62	- .15	.03	- .38E	.34	.14	E13.31	- .11
MADISON 1 WNW	.16		.32		.36		1.17		3.90		3.67		1.73		1.72		1.70		2.19		.64		.44		18.00	
MADISON RESEARCH FARM																			2.33		.21		.46		-	
MANDERSON	.03		.32		1.26		.87		4.19		1.47		1.53		.71		1.42		1.02		E .32		E .28		E13.42	
MARCUS 8 NNW	.04		.09		.88		.96		1.42		2.24		1.21		.93		1.59		.60		.26		.27		10.49	
MARION	.42	- .11	.80	- .11	1.03	- .60	.80	-1.22	4.27	1.12	4.05	- .29	2.74	- .06	.80	-2.07	2.91	.57	.87	- .55	.94	.12	.81	.18	20.44	- 3.02
MARTIN	T		.41		1.12		.63		4.05		1.00		1.36		1.29		1.45		.52		.15		.05		12.03	
MAURINE																	3.18		.53		.27		.40		-	
MC INTOSH	T		.23		.23		1.03		2.12		2.39		1.27		.44		3.67		.32		T		.23		11.93	
MC LAUGHLIN	.00		.20		.15		.92		2.14		2.21		1.78		.54		4.28		.00		.11		.18		12.51	
MELLETTE	T	- .60	.40	- .23	.16	-1.02	1.09	- .88	4.48	2.15	2.29	-1.75	2.67	.60	1.15	- .89	1.85	.43	3.38	2.21	T	- .67	.42	- .06	17.89	- .71
MENNO	.20	- .46	.63	- .25	.82	- .80	.99	-1.09	4.03	.79	3.44	- .84	3.24	.86	2.01	-1.05	2.19	.21	1.17	- .09	1.26	.47	.89	.06	20.67	- 2.19
MIDLAND	.06		.15		1.25		.72		4.76		3.13		2.39		1.96		1.90		.45		.04		.05		16.86	
MILBANK	T	- .57	.40	- .15	.59	- .60	2.06	- .16	5.81	3.03	1.69	-2.56	.70	-1.73	1.91	- .72	3.94	2.07	1.04	- .29	.23	- .55E	.86	.28	E19.23	- 1.95
MILESVILLE 5 NE	.09	E .08	.60		.60		.41		2.42		4.09		1.99		.85		2.45		.82		.13		.39		E14.32	
MILLER	.15	- .41	.34	- .16	.21	- .92	.85	-1.28	4.67	2.27	2.28	-1.79	1.66	- .36	.80	-1.03	1.10	- .18	1.37	.12	T	- .57	.25	- .22	13.68	- 4.53
MISSION 14 SSE	.03		.17		.35		.52		3.78		2.47		2.38		1.40		2.22		.52		.09		.10		14.03	
MITCHELL 2 SSE	.35	- .12	.45	- .15	1.19	- .22	1.80	- .44	5.65	2.92	4.69	- .76	2.15	- .11	2.06	- .65	1.98	- .18	3.57	2.32	.11	- .58	.29	- .21	24.29	3.34
MOBRIDGE	T	- .42	.23	- .24	.52	- .62	.86	- .43	2.73	.51	1.07	-2.44	1.54	- .63	.81	-1.06	3.25	2.13	.05	-1.08	.19	- .19	.45	.14	11.70	- 4.13
MOUNT COOLIDGE	.02		.57		1.41		1.50		2.59		1.48		3.27		1.14		1.26		1.50		.18		.16		15.08	
MURDO	E .14	- .46	.16	- .36	.35	- .95	.91	- .88	5.79	3.04	3.96	.62	1.33	.14	2.50	.55	1.65	.43	.83	- .31	T	- .47	.09	- .27	E17.71	1.08
NEWELL 2 NW	.13	- .31	.13	- .26	.20	- .72	1.13	- .62	.71	-1.87	2.25	- .98	1.71	- .04	.55	- .72	1.71	.58	.96	.09	.31	- .22	.29	- .03	10.08	- 5.10

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1962

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ABERDEEN FAA AP //R	.50	- .16	1.41	.76	.87	- .22	1.08	- .96	3.74	2.40	5.74	1.98	3.14	.64	.75	-1.41	2.44	1.04	1.06	- .13	.46	- .28	.18	- .43	22.37	3.23
ACADEMY	.36	- .14	2.64	1.97	3.99	2.75	1.34	-1.03	8.06	4.95	6.27	2.40E	4.80	2.54E	3.16	.65	1.40	- .13	.47	- .77	.10	- .63E	.16	- .27	E32.75	12.29
ALEXANDRIA	.18	- .20	2.42	1.83	1.62	.41	2.62	.43	7.84	4.98	3.90	.23	8.82	6.49	2.13	- .53	4.15	2.10	.72	- .54	.09	- .64	.28	- .17	34.77	14.39
ANDOVER 7 N	.47		1.63		1.57		2.12		6.18		3.66		6.24		1.74		3.07		.76		.89		.17		28.50	
ANGOSTURA DAM	.23		.87		.83		.25		6.08		5.17		3.44		.50		.58		2.19		.18		.27		20.59	
ARDMORE 2 N	E .19	E	1.21		.29		.23		5.69		3.51		4.02		.52		.19		.81		.22		.29		E17.17	
ARLINGTON	.40	- .14	1.60	.98	.92	- .44	2.24	.00	6.22	3.34	4.78	.88	7.35	4.97	1.28	-1.60	2.63	.56	.32	-1.02	.09	- .75	.11	- .47	27.94	6.31
ARMOUR	.10	- .39	2.79	2.09	1.87	.45	2.19	.07	6.31	3.51	8.38	4.45	7.90	5.83	3.46	.31	5.17	1.23	.81	- .42	T	- .83	.16	- .38	37.14	15.92
ASHTON	.45		1.55		1.50		1.05		7.25		6.78		3.20		1.55		1.41		.33		.23		.11		25.41	
BELLE FOURCHE 2 NE	.28	.03	.24	.00	.33	- .25	.85	- .87	7.23	5.18	4.66	1.50	2.49	1.16	1.00	- .26	.81	- .34	1.97	1.25	.37	- .05	.15	- .06	20.38	7.29
BELLE FOURCHE 20 NNE									-																-	
BELLE FOURCHE 29 NNW	.49		.29		.30		1.62		6.33		1.27		1.93		.69		.76		1.14		.55		.11		15.48	
BISON	.44		.35		.50		1.14		8.65		2.30		2.21		.80		1.28		1.12		.68	E	.27		E19.76	
BLUNT	.34		1.51		1.37		.44		6.30		5.80		1.37		2.92		.26		.79		.17		.16		21.43	
BONESTEEL	.09	- .48	2.03	1.23	2.93	1.24	2.58	.14	9.15	5.62	8.78	5.12	6.96	4.60	2.47	- .42	3.88	1.90	.56	- .83	T	- .84	.05	- .44	39.44	16.84
BOWDLE	.82	.27	.76	.28	.47	- .41	.52	-1.22	5.94	3.21	3.58	- .30	4.28	2.16	1.00	-1.11	1.98	.72	.31	- .70	.47	- .21	.25	- .06	20.40	2.63
BRIDGEWATER	T		2.14		1.70		2.31		6.18		5.69		7.77		2.61		2.58		1.07		.06		.19		32.30	
BRITTON	.27	- .12	.75	.25	.19	- .50	1.56	- .17	5.59	3.36	3.90	- .02	4.94	2.44	1.13	-1.64	2.45	.90	1.57	.52	.66	.06	.05	- .35	23.06	4.73
BROOKINGS 1 NE	.21	- .15	.91	.44	.69	- .28	2.14	.37	4.10	1.31	4.76	.81	7.29	5.14	.93	-2.04	2.51	.48	.54	- .68	.14	- .56	.05	- .43	24.27	4.41
BRYANT 1 NE	.27		2.08		1.34		2.12		8.61		3.88		6.05		.81		1.89		.40		.49		.10		28.04	
BUFFALO GAP	.32		.93		1.11		.32		5.92		4.62		5.53		.39		.85		1.94		.23		.18		22.34	
BUSKALA RANCH	1.08	- .07	.83	- .03	.59	-1.06	1.69	-1.23	9.70	5.86	4.84	.62	4.30	1.71	1.11	- .83	1.82	.41	.92	- .24	.57	- .59	.82	- .12	28.27	4.43
CAMP CROOK	.30	- .15	.34	.02	.65	- .05	1.33	.12	5.81	3.79	.90	-1.95	5.37	3.57	.99	- .40	1.04	.07	1.22	.58E	.53	.20E	.23	.00	E18.71	5.80
CANISTOTA 2 N	.08	- .48	2.56	1.76	1.47	- .02	2.02	- .03	5.29	2.23	5.07	.89	7.07	4.44	4.49	1.19	3.64	1.25	1.28	.01	.11	- .76	.11	- .49	33.19	9.99
CANTON	.47		3.68		2.24		1.49		4.02		5.23		3.97		5.17		1.82		.86		.15		.32		29.42	
CARTHAGE	.23		1.44		1.36		2.81		8.64		5.55		5.77		3.16		1.69		.93		.03		.16		31.77	
CASTLEWOOD	.26	- .21	1.25	.76	.67	- .30	1.68	- .33	8.97	6.21	4.57	.48	5.78	3.08	.73	-2.05	2.41	.46	.60	- .52	.66	- .10	.14	- .96	27.92	7.12
CEDARBUTTE	.18		1.24		.78		.47		6.65		6.15		7.11		.96		1.31		1.55		.04		.07		26.51	
CENTER OF THE NATION											3.18		2.03		.68		.57		1.19		.28		.05		-	
CENTERVILLE 6 SE	.32		4.40		2.92		2.29		4.37		5.86		5.03		5.07		2.69		.81		.13		.08		33.97	
CHAMBERLAIN	.50		1.98		1.29		1.12		7.67		7.08		6.01		3.05		1.71		.62		T		.19		31.22	
CHEYENNE AGENCY	-		-		-		-		-		-		-		-		-		-		-		-		-	
CLARK	.43		1.78		1.03		1.31		5.90		6.01		4.99		.89		1.45		.22		.65		.17		24.83	
CLEAR LAKE	E .30	E	1.28	E	.95	E	1.05		4.25		4.95		6.59		.29		1.89		.84		.56		.06		E23.91	
COLUMBIA 8 N	.38		.86		.81		1.70		5.23		3.58		4.27		1.86		2.14		1.25		.55		.02		22.65	
CONDE 3 ESE	.33		1.00		1.54		1.86		6.32		4.63		4.77		1.13		1.79		.84		.33		.08		24.62	
COTTONWOOD 2 E	.21	- .29	.61	.17	.85	- .04	.44	-1.21	4.50	1.79	2.58	- .40	2.96	1.42	.66	- .70	.23	- .79	1.79	.98	.05	- .36	.04	- .30	14.92	.27
CUSTER	.43	.03	1.14	.75	.53	- .44	.32	-1.58	5.94	2.78	4.24	1.04	4.54	2.54	.49	-1.78	1.08	.05	.90	- .05	.12	- .34	.13	- .21	19.86	2.79
DEADWOOD	1.24	E	.79		1.18		2.01		12.10		7.05		4.54		.98		2.43		2.45		1.29		1.06		E37.12	
DEERFIELD 9 NW	1.05		1.27		.55		1.28		7.97		4.75		2.64		1.20		2.05		.44		.39		.70		24.29	
DE SMET	.32		1.58		2.03		2.25		8.17		4.73		7.09		2.59		1.43		.48		.23		.15		31.05	
DUMONT 2 ENE	1.49	.19	.96	.04	.91	- .78	2.23	- .25	10.62	7.31	7.50	3.83	4.30	2.11	.94	- .93	2.06	.73	1.64	.54	.60	- .77	1.15	.15	34.40	12.17
DUPREE	.24	- .30	.53	.00	.43	- .56	.84	- .54	7.20	5.14	2.97	- .29	1.56	.00	1.55	- .09	.57	- .36	.85	- .05	.13	- .41	.17	- .16	17.04	2.38
DUPREE 16 S	.36		.90		.86		.32		6.61		3.05		2.14		.80		.22		.80		.04		.18		16.28	
EAGLE BUTTE	E .23		1.32		1.27		.65		7.49		3.33		2.23		1.91		.67		.86		.20		.39		E20.51	
ELLINGSON 1 NW	.42		.35		.41		1.68		8.77		1.80		3.86		1.88		2.01		.66		.44		.68		22.96	
ELM SPRINGS 3 E	.32		1.09		1.44		.63		8.86		2.50		4.74		.35		.64		1.21		.09		.01		21.88	
EUREKA	.47	.08	.73	.33	.21	- .42	.38	- .97	3.61	1.02	3.66	- .17	6.18	3.73	1.14	-1.27	2.76	1.44	.41	- .56	.39	- .07	.09	- .17	20.03	2.97
FAITH	.20		.50		.66		.99		9.70		3.45		1.78		.48		.52		1.15		.11		.25		19.77	
FARMINGDALE 2 N	.05		.93		1.01		.63		7.89		4.62		3.51		.81		.37		2.06		.05		.01		21.54	
FAULKTON 1 NW	.26	- .21	1.09	.62	1.00	- .11	1.22	- .64	4.80	2.22	5.29	1.74	1.78	- .35	2.42	.36	1.39	.07	.83	- .26	.17	- .42	.11	- .24	20.36	3.00
FLANDREAU	.34	- .18	1.49	.76	1.07	- .18	1.75	- .25	4.70	1.09	3.44	- .96	6.38	3.83	1.62	-1.51	2.43	- .11	.56	- .78	.11	- .81	.10	- .47	23.99	1.03
FORESTBURG 3 NE //	.19	- .26	2.83	2.25	1.71	.35	1.76	- .56	8.53	5.83	4.72	1.07	4.83	2.47	1.91	- .70	2.10	.47	.90	- .42	.12	- .68	.30	- .36	29.90	9.46
FORT MEADE	.54		.37		.97		1.62		11.20		6.41		5.81		.99		1.20		1.70		.44		.32		31.57	
FORT SULLY 8 NE	.13		.81		.48		T		5.34		3.20		1.82		2.04		.26		.95		.09		.07		19.19	
FORT THOMPSON 3 E	.53		1.59		1.37		1.39		8.28		4.68		5.67		4.37		T	E	.79		T		.25		E28.92	
GANNVALLEY 1 ESE	.24		1.53		1.51		1.61		8.09		4.10		5.22		4.02		1.36		.62		.06		.23		31.59	
GETTYSBURG	.51	.12	.93	.41	.55	- .32	.72	- .90	5.63	3.05	3.78	.15	1.39	- .57	5.74	3.90	1.21	- .01	.87	- .02	.19	- .33	.20	- .16	21.72	5.32
GLAD VALLEY 2 W	.55		.66		1.39		.49		7.19		3.82		2.45		2.06		1.12		.88		.53		.41		21.55	
GREGORY	.40	- .09	2.98	2.23	2.55	1.14	1.23	-1.20	6.62	3.93	7.69	3.61	9.93	3.72	3.32	.86	2.97	1.32	.61	- .67	.05	- .87	.33	- .23	34.68	13.35
HARDING 3 SE	.95		.56		.85		2.12		9.59		2.23		5.54		.45		1.38		1.35		1.26		.43		26.71	
HARRINGTON	.11		1.43		1.65		1.03		8.97		7.17		2.89		.70		.45		1.89		.03		.02		26.34	
HAYES 5 ESE	.35		1.12	E	.68		.26		5.91		3.11		3.89		.22		.22		1.20		.08		.23		E17.27	
HAYES 12 NNW	.49		1.50		.41		.07		5.79		3.94		2.50		1.03		.16		.83		.07		.17		16.96	
HEREFORD	.30	E	.87	E	.64		1.04		10.43		1.39		3.47		1.14		T		1.07		T	E	.50		E20.85	
HERMOSA	.31		.94		.96		.34		7.39		3.58		5.30		.70		1.07		1.99		.07		T		22.65	
HIGHMORE 1 W	.28	- .11	1.54	1.01	1.22	.13	.99	- .75	6.18	3.85	4.02	.48	4.88	2.90	5.02	2.98	.38	- .93	.87	- .28	.08	- .52	.13	- .27	25.59	8.49
HIGHMORE 25 N	.15		.57		1.00		1.25		4.76		5.49		1.67		3.54		.30		.52		.10		.07		19.42	
HILLAND 4 NNW	.46		1.27		1.03		.46		7.66		3.45		4.46		.25		.35		1.02		.06		.09		20.56	
HILL CITY 1 E	.42		.81		.48		.84		9.25		6.67		5.80		1.21		1.04		1.43		.15		.08		28.18	
HOPEWELL 1 SE	.36		.84		.64		.29		5.93		3.49		2.66		.79		.30		.85		.05		.28		16.24	
HOT SPRINGS	.09	- .29	.69	.20	.77	- .26	.24	-1.59	4.78	1.81	3.93	.99	5.65	3.49	.33	-1.22	.50	- .76	1.82	1.11	.14	- .25	.28	- .07	19.22	3.16
HOWARD	.19	- .26	1.87	1.29	1.19	- .03	2.47	.23	5.91	3.07	4.31	.46	6.58	3.97	1.62	-1.01	2.51	.34	.44	- .76	.04	- .75	.16	- .38	27.35	6.15
HURON WB AIRPORT //R	.22	- .26	3.87	3.27	2.37	1.26	2.02	.18	7.69	5.33	5.67	2.53	4.89	3.08	2.07	.00	2.05	.52	.55	- .60	.08	- .60	.23	- .33	31.71	14.38
INTERIOR 3 NE	.19		.67		.62		.48		5.65		6.39		3.37		.79		.61		1.33		.08		.01		20.19	
IPSWICH	.40		.75		.93		.89		3.92		4.10		3.22		1.21		1.81		.58		.29		.16		18.26	
IROQUOIS	.17		1.20		1.49		1.96		10.22		4.84		4.62		1.98		1.71		.63		.10		.10		29.02	
KADOKA	.37		1.53		1.04		.33		5.64		6.39		3.76		1.46		.52		2.06		.13		.12		23.33	
KENNEBEC	.21	- .26	1.49	.92	2.05	1.03	.67	-1.12	6.06	3.68	3.85	.74	3.79	2.13	1.84	- .24	.42	-1.03	.74	- .24	.08	- .59	.17	- .22	21.37	4.80
KYLE	-		-		-		-		-		-		-		-		-		-		-		-		-	
LA DELLE 7 NE	.22	- .22E	2.39	1.93E	1.77	- .84	1.94	- .07	7.25	4.80	6.15	2.37	4.00	1.37E	1.25	-1.19E	1.75	- .09E	.69	- .47E	.29	- .36E	.11	- .39	E27.81	8.84
LEAD //	2.09	1.01	1.13	.18	1.38	- .34	2.93	- .06	13.52	9.71	8.57	4.55	3.85	1.58	1.50	- .20	3.23	1.74	2.26	.96	1.05	- .41	1.25	.23	42.76	18.95
LEMMON	.87	.39	.42	- .11	.61	- .28	1.17	- .08	8.18	6.10	1.35	-2.38	2.58	.70	3.03	1.24	1.49	.37	.83	.08	.13	- .44	.37	- .10	21.05	5.69
LEOLA	.47	.04	1.00	.52	.62	- .26	.63	-1.11	4.17	1.82	5.01	1.18	3.98	1.31	1.25	-1.02	1.92	.47	.70	- .27	.44	- .14	.09	- .26	20.28	2.34
LONGVALLEY	.26	- .15	1.59	1.10	.76	- .34	1.28	- .61	6.46	3.58	7.07	4.05	9.11	3.52	.73	-1.20	.44	- .66	2.10	1.10	T	- .47	.14	- .13	25.90	9.79
LUDLOW 2 NW	.22	- .08	.18	- .14	.12	- .34	1.64	.52	6.57	4.75	1.69	-1.99	4.19	2.18	.78	- .73	1.25	.28	1.68	.97	.42	- .01	.35	.16	19.09	9.57
MADISON 1 WNW	.21		1.37		.95		-		-		-		-		-		-		-		-		-		-	
MADISON RESEARCH FARM	.23		1.93		1.56		2.04		3.23		3.94		9.02		3.68		2.29		.40		.04		.08		28.44	
MANDERSON	E .23		.96	E	.89		.47		4.32		4.25		2.03		.52		.60		1.16		.20	E	.21		E15.84	
MARCUS 8 NNW	.39		.70		.64		.80		8.37		3.75		2.55		.52		.32		1.13		.10		.09		19.36	
MARION	.25	- .27	3.10	2.24	1.99	.40	1.58	- .57	3.89	.49	4.11	- .06	5.48	2.70	3.75	.87	3.18	.90	1.07	- .39	T	- .93	.23	- .40	28.63	4.98
MARTIN	.12		1.44		.84		.69		6.34		4.61		2.42		.78		.44		1.46		.12		.06		19.32	
MAURINE	.36		.36		.91		.76		8.01		2.92		2.29		1.27		1.20		.93		.28		.40		19.69	
MC INTOSH	-		-		-		.45		-		4.76		2.25		1.75		1.38		.59		.33		-		-	
MC LAUGHLIN	E .64		.49		1.02	E	.70		6.10		6.10		2.19		1.42		1.78		.80		.53	E	.30		E22.07	
MELLETTE	.37	- .19	1.07	.44	1.06	.02	1.10	- .83	6.12	3.65	5.25	1.36	3.59	1.53	2.04	- .03	1.92	.47	.53	- .66	.35	- .32	.06	- .40	23.44	5.04
MENNO	.18	- .43	2.17	1.31	1.97	.49	1.95	- .20	5.53	2.15	5.91	1.85	5.61	3.22	6.97	3.95	3.92	1.89	.31	-1.00	.13	- .77	.43	- .19	35.08	12.23
MIDLAND	.25		1.12		.72		.44		4.95		2.50		3.28		.56		.20		.79		.02		.10		14.91	
MILBANK	.48		1.79		2.00		1.85		6.71		4.61		5.21		.67		1.49		.43		.67		T		24.11	
MILESVILLE 5 NE	.33		1.12		.60		.50		6.86		3.66		2.65		.22		.49		.89		.03		.12		17.47	
MILLER	.31	- .21	1.76	1.24	1.51	.48	1.39	- .80	7.01	4.51	4.80	1.01	4.31	2.19	2.81	.72	.98	- .38	.75	- .56	.12	- .54	.20	- .27	29.95	7.39
MISSION 14 SSE	E .18		1.32		.80		.58		7.05		6.79		5.62		1.14		.66		1.31		T		.05		E25.50	
MITCHELL 2 SSE	.12	- .31	2.92	2.31	1.41	.02	2.24	.00	7.19	4.28	5.10	1.42	5.27	3.00	3.76	.94	2.57	.45	1.04	- .26	.02	- .75	.13	- .37	31.77	10.73
MORRIDGE	.57	.14	.68	.22	.57	- .27	1.00	- .28	5.70	3.33	4.88	1.46	3.18	.94	1.46	- .43	4.22	3.10	1.55	.50	.53	.07	.24	- .08	24.58	8.70
MOUNT COOLIDGE	E .65		1.03		.38		.35		8.65		4.34		6.16		.45		1.26		1.95		.17		.20		E25.59	

See reference notes following Station Index.

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
MARTIN	.42		.16		.58		2.01		1.78		6.25		1.42		1.79		1.54		1.00		T		.33		17.28	
OELRICHS	1.34		.38		2.03		2.24		2.34		4.89		3.09		1.97		1.49		E .76		.05		.30		E20.88	
PHILIP	.26		.15		.29		1.19		E2.16		4.59		2.96		.62		1.50		1.30		T		.21		E15.23	
PINE RIDGE 1 NNW	.99		.60		1.17		1.93		1.26		4.22		1.06		1.41		1.56		.35		.09		.51		15.15	
PORCUPINE 16 NNW	-		-		-		-		-		-		-		-				.54		T		.18		-	
RAPID CITY WB AIRPORT//R	1.03	.67	.92	.44	1.60	.59	3.80	2.13	1.18	-1.48	5.47	2.39	2.03	.25	1.32	.10	1.21	.26	.77	-.02	.12	-.29	.32	.02	19.77	5.06
RAPID CITY	.83	.41	.98	.53	1.99	.97	5.12	3.01	2.37	-.51	4.48	1.13	1.94	.09	1.88	.21	1.78	.80	.76	-.10	.09	-.39	.30	-.02	22.52	6.13
SCENIC	.42		.22		.50		1.64		5.24		4.11		2.73		.76		1.56		.28		.10		.06		17.62	
WASTA	.44		.46		.82		1.20		1.89		4.82		4.64		.82		.92		2.24		.06		.16		18.47	
DIVISION	.66	.27	.46	.04	1.03	.12	2.40	.64	2.33	-.53	4.49	1.40	2.56	.81	.99	-.61	1.43	.29	.89	.03	.06	-.39	.25	-.07	17.55	2.00
CENTRAL 06																										
BLUNT	.35		.21		.50		1.83		1.88		4.75		2.44		.55		2.51		1.68		.06		.19		16.95	
CHAMBERLAIN	.59		.15		1.14		1.49		1.98		4.69		6.54		.69		3.56		.77		.50		.19		22.29	
FORT SULLY 8 NE	.44		.16		E .93		1.72		2.62		3.68		3.76		1.32		3.87		1.39		T		.22		E20.11	
FORT THOMPSON 3 E	.65		.61		.89		1.62		2.07		3.67		5.32		.33		2.14		1.24		.29		.41		19.24	
HARROLD 12 SSW	-		-		-		-		-		-		-				1.96		1.81		.03		.13		-	
HAYES 5 ESE	.53		.25		.82		2.27		3.50		4.30		4.39		1.12		2.45		1.30		T		.21		21.14	
HAYES 12 NNW	.19		.21		.48		1.04		2.84		2.29		4.43		1.23		1.21		1.01		.12		.13		15.18	
HIGHMORE 1 W	.43	.04	.25	-.28	.60	-.49	2.97	1.23	1.85	-.48	2.54	-1.00	5.12	3.14	2.09	.05	1.92	.61	1.39	.24	.10	-.50	.23	-.17	19.49	2.39
HIGHMORE 25 N	.35		.38		.26		3.29		2.06		3.20		4.48		1.41		1.90		1.55		T		.23		19.11	
HOPEWELL 1 SE	.23		.23		1.17		1.85		4.23		2.72		3.43		2.81		2.75		1.54		T		T		20.96	
KENNEBEC	.63	.16	.05	-.52	1.00	-.02	2.03	.24	2.59	.21	3.32	.21	3.30	1.64	.97	-1.11	2.92	1.47	.48	-.50	.15	-.52	.35	-.04	17.79	1.22
MIDLAND	.33		.10		.54		1.75		2.08		2.33		3.35		1.06		1.35		1.01		T		.11		14.01	
MURDO	.32	-.22	T	-.54	.86	-.34	2.46	.59	1.81	-.93	4.52	1.26	1.90	.62	.64	-1.31	1.65	.40	.87	-.17	T	-.54	T	-.32	15.03	-1.50
OAHE DAM	E .41		.40		1.04		2.06		2.88		1.83		1.86		1.38		2.59		1.52		T		.16		E16.13	
ONIDA	.86		.34		.51		2.81		2.32		2.88		3.77		.43		3.15		2.22		.05		.18		19.52	
PIERRE FAA AIRPORT	.62	.19	.31	-.36	.45	-.62	2.04	.53	2.90	.27	3.74	.57	3.48	1.79	.75	-1.34	2.65	1.50	2.10	1.23	.01	-.53	.26	.00	19.31	3.23
PUKWANA 3 W	.67		.08		1.34		1.29		2.22		4.06		8.59		.86		3.72		.59		.68		.09		24.15	
STEPHAN 1 ENE	.43		.11		.65		1.38		1.89		2.56		5.28		1.82		1.87		1.49		.20		E .15		E17.83	
VIVIAN	.32		.15		.80		1.65		2.23		3.38		4.40		1.37		2.35		.95		.05		.20		17.85	
WENDTE	.69		.23		.52		1.88		3.49		2.26		2.20		4.22		2.63		1.34		.00		.10		19.56	
DIVISION	.46	.04	.19	-.36	.76	-.30	1.93	.25	2.50	-.04	3.07	-.34	4.05	2.37	1.26	-.75	2.42	1.14	1.28	.32	.11	-.43	.16	-.21	18.19	1.69
EAST CENTRAL 07																										
ARLINGTON	.43	-.11	.53	-.09	1.28	-.08	2.44	.20	2.11	-.77	3.85	-.05	10.30	7.92	.78	-2.10	2.30	.23	1.77	.43	.53	-.31	.47	-.11	26.79	5.16
BROOKINGS 1 NE	.92	.56	.19	-.28	1.09	.12	2.55	.78	2.50	-.29	4.40	.45	12.10	9.95	1.25	-1.72	8.23	6.20	1.72	.50	.62	-.08	.30	-.18	35.87	16.01
BRYANT 1 NE	.66		.42		1.15		2.66		3.17		3.04		7.32		1.05		2.03		1.14		.68		.70		24.02	
CARTHAGE	.53		.30		1.07		3.23		1.91		3.24		6.06		2.19		1.92		1.26		.71		.33		22.75	
CASTLEWOOD	.65	.18	.44	-.05	1.11	.14	3.31	1.30	2.61	-.15	5.17	1.08	9.23	6.53	1.74	-1.04	2.38	.43	1.18	-.14	.53	-.23	.61	.11	28.96	8.16
CLARK	.61		.53		1.00		1.06		4.21		2.52		5.83		1.17		.71		.68		.34		.95		19.41	
CLEAR LAKE	.33		.38		1.82		2.53		1.65		3.22		9.19		.77		3.20		1.56		.56		.52		25.73	
DE SMET	.80		.72		1.12		2.61		2.14		2.14		5.82		.72		1.76		1.04		.75		1.32		20.94	
FLANDREAU	.68	.16	.33	-.40	1.10	-.15	3.09	1.09	1.21	-1.80	3.25	-1.15	8.86	6.31	1.44	-1.69	2.88	.34	.88	-.46	.86	-.06	.51	-.06	25.09	2.13
FORESTBURG 3 NE //	1.00	.55	.07	-.51	1.27	-.09	2.53	.21	2.45	-.25	3.72	.07	6.03	3.67	.70	-1.91	2.02	.39	1.28	-.04	.72	-.08	.69	.03	22.48	2.04
GANNVALLEY 1 ESE	.68		.20		.77		1.72		1.74		3.01		7.96		1.12		1.93		1.10		.77		.41		21.41	
HOWARD	.29	-.18	.23	-.35	1.75	.55	1.94	-.30	1.72	-1.18	2.60	-1.25	E7.15	4.74	1.72	-1.11	2.83	.66	1.47	.27	.48	-.31	.84	.30	E23.02	1.84
HURON WB AIRPORT //R	.63	.15	.35	-.25	1.19	.08	1.70	-.14	3.11	.75	2.60	-.54	4.40	2.59	.68	-1.19	1.31	-.22	1.59	.44	.84	.16	.46	-.08	19.08	1.75
IROQUOIS	.51		.36		.88		2.72		2.14		5.01		4.78		.78		1.58		1.94		.69		.81		22.20	
LA DELLE 7 NE	.28	-.16	.03	-.43	1.20	.27	1.61	-.26	6.31	3.86	1.43	-2.35	3.72	1.09	1.74	-.70	1.71	.05	.25	-.91	.77	.12	.88	.38	19.93	.96
MADISON RESEARCH FARM	.80		.46		2.14		3.09		1.95		3.54		8.23		.75		2.97		1.75		.52		.79		26.99	
MILLER	.72	.20	.35	-.17	.88	-.15	1.76	-.43	1.90	-.60	3.28	-.51	3.55	1.43	1.16	-.95	2.00	.64	1.95	.64	.22	-.44	.27	-.20	18.04	-.52
RAYMOND 3 NE	.32		.37		.69		1.27		2.95		3.11		7.27		1.06		1.40		.70		.51		.26		19.91	
REDFIELD	.40	-.07	.19	-.32	.53	-.35	1.64	-.21	3.39	1.05	1.51	-2.21	3.69	1.62	2.07	-.03	1.23	-.13	1.02	-.24	.48	-.12	.25	-.21	16.35	-1.22
REDFIELD 6 E	.26		.15		.44		1.15		3.27		1.62		4.34		1.69		1.08		.87		.63		.37		15.87	
ROCKHAM	E .44		.22		.41		2.08		2.24		2.82		4.89		2.60		1.30		1.93		.25		.05		E19.23	
TULARE	.31		.18		.53		2.08		2.27		2.18		7.30		1.87		.67		.70		E .60		E .32		E19.01	
WATERTOWN FAA AIRPORT//R	.74	.24	.28	-.31	1.65	.66	1.34	-.72	4.18	1.31	3.48	-.22	10.36	7.69	1.89	-.89	1.39	-.44	1.11	-.10	.61	-.20	.61	.10	27.64	7.12
WENTWORTH	.82	.30	.33	-.32	1.61	.23	3.05	.88	1.56	-1.58	4.04	-.01	8.58	5.80	1.13	-2.22	2.50	.17	1.69	.32	.82	-.14	.78	.17	26.91	3.60
WESSINGTON	.29		.17		.68		1.69		1.74		3.72		4.98		1.24		1.33		1.61		E .16		.11		E17.72	
WESSINGTON SPRINGS	.49		.35		1.84		3.20		2.53		4.06		2.83		.93		2.11		2.18		.67		.31		21.50	
WESSINGTON SPRINGS 9 SW	1.62		.68		2.08		2.11		1.80		2.91		5.08		.96		2.04		1.66		.78		1.03		22.35	
WOLSEY	.55		.37		1.09		1.74		2.21		3.69		3.69		1.76		1.16		1.30		.69		.34		18.59	
DIVISION	.62	.13	.30	-.27	1.25	.13	2.22	.16	2.75	-.01	3.09	-.87	6.75	4.24	1.29	-1.44	2.35	.45	1.30	.01	.62	-.16	.61	.08	23.15	2.45
SOUTH CENTRAL 08																										
ACADEMY	1.40	.90	.16	-.51	.72	-.52	2.44	.07	E1.58	-1.53	E3.62	-.25	6.88	4.62	.52	-1.99	4.16	2.63	.32	-.92	.75	.02	.20	-.23	E22.75	2.29
CEDARBUTTE	.33		.10		.75		2.11		1.91		6.60		2.71		1.74		1.38		.54		.08		.25		18.50	
GREGORY	.80	.31	.30	-.45	2.00	.59	2.19	-.24	1.50	-1.59	3.75	-.33	4.67	2.46	.63	-1.85	3.49	1.84	.99	-.29	.93	.01	.56	.00	21.81	.48
HARRINGTON	.49		.11		.76		1.70		1.33		7.16		1.64		1.67		1.93		.91		.11		.16		17.97	
MISSION 14 SSE	.19		.08		1.60		2.93		1.72		3.00		1.33		.77		3.42		1.61		.45		.12		17.22	
WEWELA	.31		.02		1.04		1.75		1.33		4.25		4.83		.71		2.66		.57		.56		.11		18.14	
WINNER	.79	.33	.16	-.42	1.49	.23	2.26	.11	1.72	-1.04	4.84	1.21	4.63	2.61	2.13	-.44	2.90	1.46	.97	-.14	.49	-.20	.54	.12	22.92	3.83
WOOD	1.11	.55	.17	-.50	1.34	.00	2.48	.57	2.78	-.19	5.00	-1.87	2.71	.66	.69	-1.09	2.88	1.46	.90	-.17	.10	-.61	.38	-.03	20.54	-1.22
DIVISION	.73	.24	.15	-.51	1.32	.02	2.28	.07	1.83	-1.14	5.06	1.33	3.64	1.59	1.16	-1.18	2.88	1.39	.89	-.27	.42	-.31	.32	-.13	20.68	1.06
SOUTHEAST 09																										
ALEXANDRIA	.65	.27	.31	-.28	1.84	.63	2.70	.51	1.43	-1.43	3.31	-.36	8.45	6.12	1.72	-.94	2.59	.50	1.80	.94	.31	-.42	.36	-.09	25.43	5.05
ARMOUR	.41	-.08	.26	-.44	1.69	.27	1.39	-.73	1.30	-1.50	3.04	-.89	6.25	4.18	1.35	-1.80	3.10	1.16	.74	-.49	.55	-.28	.48	-.06	20.56	-.66
BONESTEEL	.25	-.28	T	-.80	1.65	-.04	1.42	-1.02	5.03	1.50	2.83	-.83	7.17	4.81	.62	-2.27	2.85	.87	.59	-.80	.25	-.59	.25	-.24	22.91	.31
BRIDGEWATER	1.04		E .14		E1.34		2.35		1.71		3.54		7.05		1.64		2.43		2.36		.35		.14		E23.95	
CANISTOTA 2 N	.27	-.29	.22	-.58	1.03	-.46	1.95	-.10	1.60	-1.46	2.82	-1.36	6.29	3.66	1.34	-1.96	2.98	.59	1.68	.41	.59	-.28	.84	.24	21.61	-1.59
CANTON	.90		.59		1.09		.67		1.01		2.82		6.99		1.34		3.46		.80		.10		.28		20.05	
CENTERVILLE 6 SE	.39		.28		1.02		2.28		3.09		3.53		3.79		1.91		4.20		1.27		.10		.05		21.91	
MARION	1.21	.69	.38	-.48	1.08	-.51	1.79	-.36	2.47	-.93	2.52	-1.65	7.02	4.24	1.21	-1.67	2.97	.69	1.64	.18	.37	-.56	.42	-.21	23.08	-.57
MENNO	.51	-.10	.37	-.49	.96	-.56	1.92	-.23	1.48	-1.90	1.81	-2.25	9.12	6.73	.87	-2.15	2.89	.86	1.05	-.26	.35	-.55	.58	-.04	21.91	-.94
MITCHELL 2 SSE	.24	-.19	.23	-.38	2.08	.69	2.02	-.22	1.95	-.96	2.10	-1.58	4.87	2.60	.88	-1.94	3.13	1.01	1.59	.29	.83	.06	.25	-.25	20.17	-.87
MONTROSE	-		-		-		-		-		-		-				4.09		1.81		.46		.59		-	
PARKSTON 5 E	.96	.48	.27	-.42	1.09	-.21	2.58	.56	1.03	-1.77	2.07	-1.74	6.36	3.96	.81	-2.05	1.60	-.62	1.06	-.10	.32	-.48	.68	.15	18.83	-2.24
PICKSTOWN	.62		.33		1.03		1.80		1.17		2.12		3.93		1.54		2.24		.69		.58		.52		16.57	
PLATTE	.89		.33		2.03		1.45		1.02		3.82		4.39		1.11		5.65		.42		.62		.51		22.24	
SALEM	.64		E .68		1.47		3.41		2.89		3.84		6.78		1.68		3.50		2.82		.63		.79		E29.13	
SIOUX FALLS WB AP //R	.90	.28	.53	-.40	1.16	-.38	1.25	-1.06	2.00	-1.38	2.51	-1.84	6.45	3.61	.94	-2.65	2.40	-.21	1.65	.40	.36	-.64	.85	.11	21.00	-4.16
TYNDALL	.59	.07	.22	-.57	1.20	-.27	2.44	.23	2.33	-1.08	2.00	-1.87	5.54	3.10	1.42	-1.60	3.24	1.08	.45	-.77	.32	-.53	.39	-.11	20.14	-2.32
VERMILLION 2 N	.88	.41	.25	-.57	.78	-.39	1.65	-.61	1.96	-1.39	4.49	.56	2.74	-.34	2.43	-.61	2.52	-.02	.47	-.80	.08	-.92	.51	-.06	18.76	-4.74
WAGNER	1.18		.27		1.28		1.53		1.23		2.47		9.24		1.63		2.92		.54		.55		.92		23.76	
WHITE LAKE	.72		.22		1.73		1.77		2.11		5.41		6.23		.37		2.70		1.02		.61		.26		23.15	
YANKTON 3 NNW	.56	.14	.37	-.32	.96	-.25	1.97	-.22	.70	-2.80	2.04	-2.26	6.28	3.81	2.47	-.74	2.82	.62	.53	-.80	.48	-.43	E .09	-.40	E19.27	-3.65
DIVISION	.71	.20	.31	-.48	1.29	-.12	1.85	-.38	1.88	-1.32	2.86	-1.11	6.32	3.85	1.36	-1.68	2.90	.76	1.11	-.17	.39	-.49	.44	-.11	21.42	-1.05

See reference notes following Station Index.

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
HEREFORD	.01		.55		.34		1.31		3.31		6.73		.95		2.09		.43		.09		.40		.55		16.76	
HILLAND 4 NNW	.36		.15		.85		4.54		2.77		8.16		1.25		2.72		.24		.03		.74		.70		22.51	
INTERIOR 9 NE	T		.01		.06		2.96		2.90		5.78		3.71		1.60		.27		.01		.03		.58		17.51	
KADOKA	.24		.19		.85		2.98		2.92		5.67		1.41		1.86		.40		.04		.13		1.01		17.70	
KYLE	.04		.41		.31		3.14		1.17		6.66		2.49		2.63		.31		.03		.15	E	.59	E	17.93	
LONGVALLEY	.16	.25	.59	.14	.68	.42	4.04	2.15	1.97	.91	5.87	2.85	.77	.82	1.40	.53	.42	.68	.00	1.00	T	.47	.48	.21	16.38	.27
MANDERSON 1 SE	T	E	.72		.79		2.59		2.26		6.16		3.16		1.57		.31		.05		.13		.67	E	18.39	
MARTIN	.09		.41		.80		4.44		2.30		4.84		2.15		1.56		.96		T		.12		.58		18.25	
OELRICHS	.13		.48		1.36		3.00		2.60		3.66		.53		.73		.38		.98		.26		.77		14.88	
PHILIP	.08		.02		.30		3.32		1.95		3.16		.46		1.95		.20		.00		.12		.43		11.99	
PINE RIDGE 1 NNW	.15		.48		.69		3.32		1.97		4.78		1.44		1.16	E	.44		.05		.14		.62	E	15.24	
PORCUPINE 16 NNW	E .09	E	.41		.26	E	2.11		2.26		9.21		1.40		.82		.21		.15	E	.14	E	.27	E	17.33	
RAPID CITY WB AIRPOR//R	.35	.01	.89	.35	.63	.38	1.26	.43	2.52	.14	4.69	1.61	.77	1.01	1.87	.65	.69	.26	.50	.29	.30	.11	.78	.48	15.17	.46
RAPID CITY	.33	.09	.76	.31	.71	.31	1.08	1.05	3.04	.16	5.50	2.19	1.34	.51	1.44	.23	.99	.01	.27	.59	.24	.24	.97	.65	16.65	.26
SCENIC	.03		.43		.41		2.04		2.25		7.16		2.94		.73		.30		.75		.40		.65		18.07	
WASTA	.16		.39		.42		2.36		3.39		7.00		.30		2.16		.20		.57		.45		.59		17.95	
DIVISION	.17	.22	.47	.05	.56	.39	2.77	1.01	2.53	.33	5.94	2.85	1.34	.41	1.66	.06	.40	.74	.23	.63	.26	.19	.62	.30	16.99	1.40
• • •																										
CENTRAL 06																										
BLUNT	.01		.04		.67		5.80		2.50		3.84		3.57		.70		.86		.02		.13		.51		18.65	
CHAMBERLAIN	.11		.19		.84		3.31		4.02		3.63		1.99		.85		1.21		T		T		1.00		16.91	
FORT PIERRE 17 WSW	-		-		.22		4.40		1.18		4.54		1.61		.79		.20		.00		.05		.78		-	
FORT SULLY 8 NE	T		.05		.14		4.42		2.68		5.11		1.66		.70		.20		.05		T		.40		15.41	
FORT THOMPSON 3 E	.04		.26		.88		4.80		2.59		3.19		1.56		.67		.50		.00		T	E	.73	E	15.18	
HARROLD 12 SSW	.07		.05		.85		4.88		1.59		2.46		2.33		1.83		.24		.00		.18		.48		14.96	
HAYES 9 ESE	.14		.14		.61		4.80		2.71		4.67		1.16		2.55		.35		.03		.15		.87		18.18	
HAYES 12 NNW	.21		.06		.56		5.76		1.97		5.25		1.04		1.31		.04		.05		.29		.41		14.95	
HIGHMORE 1 W	.13	.26	T	.53	.38	.71	4.53	2.79	5.32	.99	4.69	1.11	2.66	.68	1.10	.94	.29	1.02	.05	1.10	.02	.58	.92	.12	17.65	.55
HIGHMORE 25 N	.01		.13	E	.69		3.66		2.63		5.49		1.96		.72		.53		.03		.20		.25	E	16.30	
HOPEWELL 1 SE	.15		.11		.49		4.90		2.33		5.56		1.19		1.78		.40		T		.10		.67		17.68	
KENNEBEC	.08	.39	.18	.39	.76	.26	6.23	4.44	1.26	1.12	3.24	.13	1.90	.24	.75	1.33	.43	1.02	.00	.98	T	.67	.93	.14	15.36	1.21
MIDLAND	.10		T		.30		2.99		1.70		4.59		.37		1.31		.26		.02		.08		.51		12.19	
MURDO	.11	.43	T	.56	.25	.95	4.17	2.30	2.19	.55	3.76	.50	3.16	1.88	1.48	.67	.14	1.11	T	1.04	T	.94	.78	.46	16.04	.49
OAHE DAM	.09		.04		.38		4.91		3.29		3.73		2.65		1.37		.11		.00		.03		.49		17.05	
ONIDA	.09		.04		.41		5.16		2.76		4.80		1.38		1.09		.44		.03		.12		.41		16.69	
PIERRE FAA AIRPORT	.15	.28	.17	.50	.61	.46	5.93	4.42	3.09	.46	3.67	.30	3.19	1.50	.85	1.24	.13	1.02	T	.87	.08	.48	.70	.00	18.37	1.85
RUKWANA 3 W	.12		.21		1.30		5.39		3.05		3.08		2.06		.68	E	1.17		-		-		-		-	
STEPHAN 1 ENE	.02		.10		.45		5.73		2.89		3.98		2.68		.80		.62		T		.02		.42		17.71	
VIVIAN	.10		.15		.18		4.16		1.28		4.07		1.35		.68		.25		T		T		.78		13.20	
WENDTE	.07		.10		-		-		-		-		-		-		-		-		-		-		-	
DIVISION	.09	.33	.09	.46	.54	.52	4.51	2.83	2.50	.04	4.16	.75	1.97	.29	1.09	.92	.40	.88	.02	.94	.07	.47	.56	.19	16.00	.90
• • •																										
EAST CENTRAL 07																										
ARLINGTON	.11	.43	.29	.33	1.32	.04	2.32	.08	1.78	1.10	3.10	.80	2.98	.60	4.08	1.20	1.73	.34	.03	1.31	.41	.43	.58	.00	18.73	2.90
BROOKINGS 2 NE	T	.36	.09	.62	1.12	.19	2.49	.68	2.53	.24	3.61	.34	3.02	.87	4.19	1.22	1.65	.38	T	1.22	.16	.54	.38	.10	19.18	.68
BRYANT 1 NE	.05		.35		1.43		2.33		1.19		2.11		3.45		3.91		1.06		.09		.33		.48		16.74	
CARTHAGE	T		.13		1.57		2.84		1.79		1.78		1.71		1.81		1.55		.04		.04		.45		15.82	
CASTLEWOOD	.09	.42	.36	.13	1.41	.44	2.59	.58	1.82	.94	2.44	1.65	2.02	.68	4.62	2.04	1.20	.75	.04	1.28	.40	.36	.58	.08	17.73	3.07
CLARK	.11		.13	E	1.06		2.40		1.29		1.97		1.98		2.61		1.06		.12		.43		.93	E	13.61	
CLEAR LAKE	T		.09		1.42		2.70		1.52		2.36		4.19		5.77		1.14		.05		.41		.42		20.03	
DE SMET	.03	E	.21		1.73		2.43		1.87		2.10		2.59		2.76		1.33		.00		.32		.64	E	16.04	
FLANDREAU	.04	.48	.10	.63	2.00	.75	2.68	.68	2.22	.79	2.78	1.62	2.30	.25	3.37	.24	.92	.62	.02	1.32	.18	.74	.49	.08	18.10	4.86
FORESTBURG 3 NE //	.37	.08	.26	.32	2.02	.66	2.66	.34	.89	1.81	1.73	1.92	3.37	1.01	1.60	1.01	1.40	.23	.01	1.31	.05	.75	.91	.25	15.27	5.19
GANNVALLEY 1 ESE	.17		.30		.81		3.72		2.91		2.21		2.65		1.18		.78		T		.11		.78		19.62	
HOWARD	.09	.38	.14	.44	1.90	.70	3.65	1.41	2.03	.87	2.09	1.76	2.52	.11	2.15	.68	2.05	.12	T	1.20	.15	.64	.49	.05	17.26	3.92
HURON WB AIRPORT //R	.14	.34	.20	.40	1.06	.05	2.78	.94	1.29	1.07	1.61	1.53	.69	1.12	1.28	.79	.86	.67	.06	1.09	.19	.49	.69	.13	10.85	6.48
IROQUOIS	.09		.20		1.14		2.41		1.71		1.91		1.97		2.13		1.20		.05		.21		.54		13.56	
LA DELLE 7 NE	.20	.24	.13	.33	1.20	.27	2.16	.29	1.28	1.17	1.47	2.31	2.99	.36	1.40	1.04	.88	.98	.06	1.10	.11	.54	.55	.05	12.23	6.74
MADISON RESEARCH FARM	.20		.43		2.26		2.30		1.72		3.62		3.50		3.42		1.63		T		.48		.76		20.28	
MILLER	.31	.21	.09	.43	.89	.14	2.99	.76	4.24	1.74	2.40	1.39	1.89	.23	1.60	.49	.47	.89	.02	1.29	.07	.59	.46	.01	15.39	3.17
RAYMOND 3 NE	.09		.10		.76		2.17		1.63		1.63		2.34		2.59		1.35		.10		.38		.31		13.37	
REDFIELD	.07	.40	.13	.38	.71	.17	3.06	1.21	2.91	.87	1.55	2.17	2.37	.30	2.47	.42	.56	.80	.10	1.16	.08	.92	.38	.08	14.39	3.18
REDFIELD 6 E	.10		.19		1.03		3.62		2.40		1.72		2.67		2.14		.61		.09		.19		.30		15.02	
ROCKHAM	.11		.03		.57		3.36		4.37		3.27		1.83		1.47		.62		.03		.09		.44		16.19	
TULARE	E .09	E	.10	E	.77		2.79		2.63		3.61		4.71		1.02		.00		T		.53		.41	E	16.62	
WATERTOWN FAA AIRPOR//R	.05	.45	.38	.21	1.22	.23	2.61	.55	1.28	1.38	2.57	1.13	2.28	.39	5.24	2.46	.77	1.06	.09	1.12	.33	.28	.40	.11	17.42	3.10
WENTWORTH	.12	.40	.19	.46	2.51	1.13	3.45	1.28	1.90	1.24	2.71	1.84	3.35	.77	3.62	.27	2.44	.11	T	1.37	.32	.64	.78	.17	21.09	2.22
WESSINGTON	.06		.09		.40		3.06		4.33		1.39		.85		1.88		.79		.04		T		.23		13.04	
WESSINGTON SPRINGS	.08		.18		.99		3.33		3.22		1.48		2.95		1.85		.41		T		.10		.63		19.22	
WESSINGTON SPRGS 9 SW	.31		.93		2.26		3.12		2.86		3.09		3.60		1.16		1.09		.02		.22		1.22		19.48	
WOLSEY	.11		.13		.94		3.27		3.65		.83		1.09		1.76		.82		.03		.08		.68		13.39	
DIVISION	.12	.37	.20	.37	1.41	.29	2.86	.80	2.07	.69	2.22	1.74	2.64	.13	2.86	.13	1.16	.74	.04	1.25	.24	.54	.56	.03	16.38	4.32
• • •																										
SOUTH CENTRAL 08																										
ACADEMY	.22	.28	.08	.59	2.13	.89	3.29	.92	2.49	.62	5.44	1.57	4.21	1.95	.92	1.59	1.56	.01	.00	1.24	T	.73	1.12	.69	21.44	.98
CEDARBUTTE	.14		.05		.38		2.00		1.94		3.31		2.92		1.77		.86		.04		.04		1.07		14.50	
GREGORY	.28	.21	.20	.55	1.61	.20	5.51	3.08	3.75	.86	4.89	.81	2.62	.41	1.04	1.42	2.06	.39	.00	1.28	.09	.83	1.14	.58	23.17	1.84
HARRINGTON	.03		.09		.21		3.14		1.50		6.57		1.42		1.58		1.17		T		.05		.46		16.22	
MISSION 14 SSE	.10		.18		.41		4.07		1.69		9.85		2.84		.77		1.07		T		.02		.43		17.39	
NEWELA	.08		.48		1.17		3.40		3.13		3.75		2.12		2.61		2.67		.00		T		.68		20.07	
WINNER	.44	.02	.46	.12	1.58	.32	6.79	4.64	3.26	.50	3.26	.37	4.25	2.23	1.40	1.17	1.63	.19	.00	1.11	.07	.62	1.20	.78	24.34	5.25
WOOD	.19	.37	.08	.59	1.29	.09	5.16	3.25	1.80	1.17	3.55	.09	1.91	.14	1.79	.01	.96	.46	.00	1.07	.14	.57	.84	.43	17.71	.64
DIVISION	.20	.29	.16	.50	1.09	.21	4.28	2.07	2.34	.63	4.70	.97	2.88	.79	1.32	1.02	1.32	.17	.01	1.15	.06	.67	.89	.44	19.25	.37
• • •																										
SOUTHEAST 09																										
ALEXANDRIA	.39	.01	.23	.36	2.21	1.00	3.32	1.13	1.46	1.40	2.82	.85	2.66	.33	2.71	.05	2.11	.06	T	1.26	.02	.71	.69	.24	18.62	1.76
ARMOUR	.14	.35	.23	.47	1.38	.04	3.48	1.36	1.17	1.63	3.11	1.18	6.10	4.12	1.77	1.38	2.85	.91	.00	1.23	.02	.81	.45	.09	22.79	1.57
DONESTEEL	.05	.48	.29	.55	1.44	.29	3.84	1.40	3.54	.01	5.49	1.79	3.10	.74	1.67	1.22	2.50	.52	.00	1.39	.09	.79	.47	.02	22.36	.24
BRIDGEWATER	.10		T		1.60		2.93		1.37		2.85		2.48		2.54		1.67		.00		.10		.60		16.24	
CANISTOTA 2 N	.11	.45	.11	.69	2.09	.60	3.39	1.34	1.14	1.92	2.00	2.18	2.82	.19	3.17	.13	1.77	.62	.00	1.27	.18	.69	.58	.02	17.36	5.84
CANTON	.34		.19		1.90		4.80		3.07		3.19		2.65		3.01		6.06		.19		.24		.67		26.51	
CENTERVILLE 6 SE	.09		.10		2.11		3.77		2.10		6.29		3.02		2.32		3.07		.20		.03		.51		23.57	
MARION	.26	.26	.15	.71	2.14	.59	3.91	1.76	1.07	2.33	2.50	1.67	3.32	.54	2.41	.47	2.64	.36	.08	1.38	.25	.68	.64	.01	19.37	4.28
MENNO	.42	.19	.39	.47	1.88	.36	2.96	.81	1.48	1.90	2.07	1.99	1.75	.64	2.91	.51	4.19	2.12	.09	1.22	.22	.68	.72	.10	18.64	4.21
MITCHELL 2 SSE	.25	.18	.11	.50	2.05	.66	2.72	.48	1.45	1.48	2.49	1.19	3.01	.74	2.90	.08	2.87	.75	T	1.30	.09	.72	.72	.22	18.60	2.44

Table 2--Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
MARION	.27	-.25	1.22	.36	.63	-.96	3.79	1.64	5.40	2.00	6.77	2.60	3.33	-.55	2.61	-.27	4.07	3.79	.92	-1.14	.60	-.33	.47	-.16	31.48	7.83
MENNO	.32	-.29	.98	.12	1.26	-.28	2.94	.79	4.61	1.23	7.60	3.94	7.03	4.64	3.18	.16	6.23	4.20	.25	-1.06	.36	-.54	.77	.15	35.53	12.68
MITCHELL 2 SSE	.13	-.30	.31	-.30	.69	-.70	2.60	.36	3.51	.00	5.97	2.29	3.53	1.26	1.03	-1.79	4.23	2.11	.35	-.95	.44	-.33	.82	-.32	23.81	2.57
MONTROSE	.19		.72		.44		3.17		5.67		8.67		1.46		2.06		4.46		.24		.36		.54		28.18	
PARKSTON 5 E	.24	-.24	.46	-.23	.80	-.70	1.72	-.30	4.77	1.97	5.97	2.16	3.77	3.37	1.49	-1.37	4.19	2.57	.20	-.96	.46	-.34	.85	-.32	27.32	6.25
PICKSTOWN //	.40		.23		.52		1.10		4.02		7.01		2.46		1.21		3.25		.43		.33		.98		21.94	
PLATTE	.29		.16		.94		1.35		3.01		4.78		1.77		.97		4.16		.68		.36		.67		19.14	
SALEM	.14		1.07		.67		3.28		5.42		7.44		3.15		2.95		5.46		.25		.58		.70		29.11	
SIOUX FALLS WB AP //R	.24	-.38	1.46	.33	1.09	-.48	3.35	1.04	7.29	3.91	4.91	-.56	1.49	-1.35	1.29	-2.30	4.91	2.30	1.05	-.20	.26	-.74	.60	-.14	27.94	2.78
TYNDALL	.32	-.20	.77	-.02	.48	-.99	2.10	-.11	4.79	1.38	5.12	1.25	2.45	-.01	3.17	-.15	5.61	3.45	.41	-.81	.27	-.58	.77	.27	26.26	3.80
VERMILLION 2 N	.12	-.35	1.45	.63	1.36	-.19	2.03	-.23	7.13	3.78	6.33	2.40	7.48	4.40	4.57	1.53	6.03	3.49	.62	-.65	.50	-.50	.20	-.37	37.82	14.32
WAGNER	.48		.59		.74		2.12		4.38		4.08		2.83		2.78		5.63		.46	E	.65		1.11	E	26.00	
WHITE LAKE	.04		.08		.73		1.75		3.65		4.12		3.79		.75		4.87		.80		.55		.55		21.68	
YANKTON 3 N	.10	-.32	.54	-.15	.23	-.98	2.34	-.15	4.79	1.29	7.01	2.71	3.81	1.34	6.10	2.89	4.50	2.30	.27	-1.06	.13	-.78	.36	-.13	30.18	7.26
DIVISION	.24	-.27	.72	-.06	.72	-.71	2.41	-.20	4.99	1.78	6.22	2.29	3.50	1.06	2.26	-.70	5.14	2.98	.47	-.81	.41	-.47	.63	-.07	27.71	5.31

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

See Reference Notes Following Station Index

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

SOUTH DAKOTA
1966

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
HILLAND 4 NNW	.26		.75		1.60		2.13		.89		1.15		5.20		2.68		2.08		1.28		.89		.48		19.39	
INTERIOR 3 NE	.14		.39		.65		1.97		.66		1.28		2.35		2.01		1.71		1.02		.38		.53		13.09	
KADOKA	.41		.94		2.47		2.19		.86		1.60		2.69		3.44		2.77		1.19		.82		.58		19.98	
KYLE 2 NNW	T		.60		1.20		3.11		.55		1.13		4.01		2.74		1.00		1.70		.46		.14		16.64	
LONGVALLEY	.18	-.23	.40	-.05	.75	-.35	3.32	1.43	.99	1.89	3.56	.54	2.48	.89	4.20	2.27	2.10	1.08	.92	-.08	.41	-.04	.29	-.02	19.68	3.87
MANDERSON 1 SE	.34		.75		1.06		2.08		.78		1.81		4.36		4.28		1.58		2.05		.43		.66		20.18	
MARTIN	.29		.84		.90		1.22		.66		2.54		5.59		4.15		1.88		.92		.33		.39		19.71	
OELRICHS	.31		.86		.52		2.51		.38		1.42		3.24		4.73		2.20		1.50		.81		.65		19.19	
PHILIP	.23		.73		.90		1.76		.81		1.55		1.59		1.66		2.20		.25		.54		.28		12.50	
PINE RIDGE 1 NNW	.27		.81		.56		1.80		.45		1.37		3.18		4.57		1.73		1.92		.46		.59		17.32	
PORCUPINE 16 NW	.14		.25		.96		2.36		.35		.84		2.50		2.84		1.04		1.15		.65		.23		13.31	
RAPID CITY WB AIRPORT //R	.24	-.12	1.00	.52	1.78	.77	2.50	.83	.33	2.33	1.31	1.77	3.93	2.15	3.24	2.02	2.84	1.89	1.50	.71	.95	.54	.78	.49	20.41	5.70
RAPID CITY	.27	-.15	1.00	.55	2.04	1.02	2.81	.70	.46	2.42	1.83	1.52	6.11	4.24	4.67	1.20	2.66	1.68	1.50	.64	.81	.33	.72	.40	23.06	6.69
SCENIC	.10		.13		1.23		2.99		.18		1.13		3.28		4.09		1.81		1.15		.84		.63		17.60	
WASTA	.11		.47		1.02		2.36		.32		1.15		3.38		2.45		2.67		1.32		.62		.65		16.32	
DIVISION	.23	-.16	.67	.26	1.28	.36	2.39	.61	.55	2.29	1.47	1.54	3.27	1.47	3.19	1.59	2.00	.90	1.33	.49	.62	.17	.53	.22	17.53	2.08
06 CENTRAL																										
BIG BEND DAM	.04		.39		.87		1.75		1.27		2.72		3.68		3.85		1.02		2.17		.39		.06		18.21	
BLUNT	.31		.65		1.55		.91		1.38		1.15		4.75		4.86		2.96		1.07		.94		.12		19.65	
CHAMBERLAIN	.16		.66		.63		2.70		.83		2.28		1.98		3.48		1.03		1.45		.34		.29		15.94	
FORT PIERRE 17 WSW	.16		.76		1.56		2.15		1.42		4.29		1.80		2.55		1.42		.98		.74		.25		17.98	
FORT SULLY 8 NE	.08		.48		1.38		1.43		1.01		1.21		2.30		3.89		2.29		.76		.93		.02		19.79	
HARHOLD 12 SSW	.20		.58		1.83		2.24		.79		2.46		3.82		4.41		1.11		2.33		.71		.16		19.64	
HAYES 5 ESE	.63		1.05		2.82		2.05		1.12		.98		1.43		2.32		2.61		1.17		.68		.31		17.17	
HAYES 12 NNW	.37		.55		1.99		.91		1.42		1.01		1.93		2.37		3.31		.77		.58		.20		15.41	
HIGHMORE 1 N	.10	-.29	.67	-.14	1.27	.18	1.69	.05	.95	1.38	2.50	1.04	3.65	1.67	3.83	1.79	2.25	.94	2.30	1.15	.51	-.09	.10	-.30	19.82	2.72
HIGHMORE 23 NNW	.12		.69		1.06		1.23		.59		1.23		2.62		4.50		2.33		1.91		.89		.04		17.21	
HOPEWELL 1 SE	.15		.53		3.00		1.73		1.30		1.47		1.74		2.49		1.75		1.05		.62		.18		16.01	
KENNEBEC	.05	-.42	.82	.25	.81	-.21	1.98	.19	.88	1.50	3.61	.50	2.10	.44	3.18	1.10	1.32	.13	1.42	.44	.33	.34	.18	-.21	16.68	.11
MIDLAND	.09		.61		1.53		1.89		1.26		1.35		1.24		3.34		2.39		1.02		.56		.18		15.78	
MURDO	.17	-.37	.70	.16	2.30	1.10	2.39	.52	1.08	1.66	2.56	.70	3.93	2.65	3.39	1.44	2.10	.85	1.18	.24	.20	.24	.32	-.20	20.62	4.09
OAHE DAM	.22		.70		1.68		1.40		1.01		1.68		2.19		3.20		1.24		.65		.25		.03		14.25	
ONIDA	.17		.68		2.15		1.89		1.21		.97		4.02		5.03		1.77		1.16		.99		.15		20.19	
PIERRE FAA AIRPORT	.38	-.05	.43	.24	1.46	.39	1.52	.01	.84	1.79	1.28	1.89	3.88	2.19	2.32	.23	1.93	.78	.83	.04	.86	.32	.29	-.16	16.02	.29
STEPHAN 1 ENE	.10		.50		.80		1.53		1.08		3.01		2.25		3.45		1.21		1.78		.65		.05		16.33	
VIVIAN	.10		1.00		1.00		1.69		.66		2.87		3.13		4.96		1.40		1.12		.57		.17		18.73	
DIVISION	.17	-.25	.64	-.11	1.53	.49	1.79	.10	.99	1.55	1.97	1.40	2.72	1.05	3.59	1.64	1.83	.58	1.24	.29	.61	.07	.19	-.17	17.23	.96
07 EAST CENTRAL																										
ARLINGTON	.24	-.30	.65	.03	.92	-.44	1.63	.61	1.10	1.78	3.57	.33	1.57	.81	3.71	.83	2.23	.16	1.08	.26	.19	.65	.34	-.22	17.25	4.38
BROOKINGS 2 NE	.12	-.24	.76	.29	.82	-.15	1.76	.01	1.31	1.48	5.21	1.26	1.39	.76	3.01	.04	1.35	-.08	.86	.36	.12	-.58	.41	-.07	17.12	2.74
BRYANT 1 NE	.13		.77		1.39		2.09		1.17		2.89		4.18		5.70		1.98		1.35		.44		.26		22.35	
CARTHAGE	.03		.64		1.35		1.90		.81		1.89		2.28		3.36		.98		1.37		.09		.29		14.99	
CASTLEWOOD	.41	-.06	.80	.31	.75	-.22	2.16	.15	1.38	1.38	2.13	1.96	6.78	4.08	2.69	-.09	1.90	.01	1.02	-.30	.36	-.40	.31	-.19	20.75	-.09
CLARK	.30		.85		.82		1.60		1.17		2.28		6.79		5.86		1.27		2.12		.71		.14		23.91	
CLEAR LAKE	.22		.88		1.32		1.75		1.69		2.12		4.10		4.24		2.28		.86		.38		.34		20.18	
DE SMET	.24		.75		1.43		2.30		1.06		1.75		2.27		3.47		1.50		1.80		.17		.24		17.03	
FLANDREAU	.36	-.16	1.02	.29	.44	.81	1.89	.11	1.04	1.97	2.20	2.20	1.43	1.12	2.28	.85	4.76	2.22	2.31	.97	.03	.89	.01	-.56	17.17	5.19
FORESTBURG 3 NE //	.35	-.10	.65	.07	.70	.66	2.13	.19	1.09	1.61	1.44	2.21	2.56	.20	3.66	1.05	.97	.66	1.90	.58	.10	.70	.06	.60	19.61	4.83
GANNVALLEY 1 ESE	.26		.53		.82		1.80		1.13		2.07		2.22		4.76		.90		1.91		.21		.17		17.58	
HOWARD	.21	-.26	.57	.01	1.93	.73	2.38	.14	.80	2.10	2.94	.91	2.99	.58	3.27	.44	2.24	.07	1.13	.07	.16	.63	.44	.10	19.06	2.12
HURON WB AIRPORT //R	.32	-.16	.82	.22	1.35	.24	1.95	.11	1.13	1.23	2.62	.72	4.24	2.43	4.05	1.98	2.69	1.16	1.12	1.97	.40	.28	.06	.50	22.55	5.22
HURON	.12		.68		.83		2.11		.93		1.62		4.71		4.34		2.79		1.53		.25		.10		20.01	
IROQUOIS	.27	-.17	.74	.28	1.09	.16	1.34	.53	.70	1.75	2.43	1.35	4.44	1.81	3.62	1.18	1.65	.01	2.26	1.10	.30	.35	.07	.43	18.91	.06
LA DELLE 7 NE	.41		.90		1.41		2.12		.82		1.83		1.85		3.63		3.47		.83		.21		.62		18.10	
MADISON RESEARCH FARM	.30	-.22	.76	.24	1.13	.10	1.80	.39	1.24	1.26	2.10	1.69	4.06	1.96	4.30	2.21	1.46	.10	2.15	.84	.59	.07	.10	-.37	20.01	1.69
MILLER	.41		.76		1.10		1.49		.75		3.02		5.78		4.53		1.70		2.71		.32		.04		22.61	
RAYMOND 3 NE	.22	-.25	.82	.31	.80	.08	1.26	.59	1.10	1.24	2.66	1.06	5.56	3.49	4.93	2.88	1.20	.07	2.20	.94	.53	.07	.03	.43	21.40	3.83
REDFIELD	.29		.74		.60		1.51		1.08		2.93		5.28		5.65		2.14		2.35		.59		.02		23.18	
REDFIELD 6 E																										
ROCKHAM	.19		.55		2.04		1.22		1.14		2.11		6.85		4.95		2.98		2.23		.42		.02		24.70	
TULARE	.41		.83		1.89		1.91		1.07		1.88		8.42		5.91		1.96		1.60		.55		.23		26.66	
WATERTOWN FAA AIRPORT //R	.24	-.26	.77	.18	1.33	.34	2.02	.04	1.10	1.77	1.63	2.07	4.67	2.00	5.13	2.35	1.37	.48	1.37	.16	.79	.02	.28	.23	20.70	.18
WENTWORTH	.32	-.20	.81	.16	.70	.68	2.20	.03	.95	2.19	2.23	1.82	1.30	1.48	2.88	.47	1.37	1.74	1.16	.21	.20	.76	.46	.15	17.28	6.03
WESSINGTON	.18		.43		1.45		1.94		1.01		1.98		3.61		4.44		1.43		2.84		.40		.04		19.75	
WESSINGTON SPRINGS	.30		.74		.95		2.74		1.39		2.67		3.23		6.01		1.80		2.08		.08		.17		22.16	
WESSINGTON SPRGS 9 SW	.68		.81		2.67		2.94		.99		2.41		1.69		4.77		2.00		1.79		.42		.32		21.69	
WOLSEY	.37		.63		1.20		2.54		.89		3.15		3.54		5.16		1.63		1.89		.45		.10		21.55	
DIVISION	.29	-.19	.77	.21	1.02	.09	1.93	.10	1.12	1.61	2.44	1.45	3.62	1.17	4.08	1.40	2.07	.21	1.75	.47	.33	.43	.22	.31	19.64	.72
08 SOUTH CENTRAL																										
ACADEMY	.27	-.23	.34	.33	1.48	.24	2.35	.02	.99	2.12	2.30	1.57	2.39	.13	5.79	3.28	1.71	.18	1.08	.16	.19	.54	.33	.10	19.22	1.24
CEDAR BUTTE	.16		.73		1.22		1.68		.65		3.05		3.03		4.96		2.78		1.33		.24		.35		20.18	
GREGORY	.58	.09	.60	.15	.70	.71	2.67	.24	.63	2.46	2.81	1.27	4.43	2.22	4.73	2.27	1.30	.35	1.61	.13	.36	.56	.75	.19	20.97	.86
HARRINGTON	.16		.86		.97		.85		.45		1.88		4.16		4.06		2.68		1.02		.14		.26		17.49	
MISSION	-		-		-		-		-		2.44		1.24		4.26		4.16		1.73		.28		.42		-	
MISSION 14 SSE	.05		.38		.45		.99		.57		2.06		4.21		5.00		3.88		.88		.35		.60		20.02	
ROSEBUD	.15		.65		-		1.43		-		-		-		-		-		-		-		-		-	
WHELA	.28		.44		.55		2.47		.92		2.60		1.87		3.85		3.41		2.12		.17		.40		19.08	
WINNER	.44	.02	.61	.03	.84	.42	3.00	.85	.75	2.01	4.15	.52	4.08	2.06	4.38	1.81	2.53	1.09	1.31	.20	.45	.24	.56	.14	23.10	4.01
WOOD	.32	.24	.74	.07	1.41	.07	2.32	.41	.47	2.50	3.21	.25	6.30	4.25	5.80	4.02	3.40	1.98	2.00	.93	.33	.38	.52	.11	26.82	8.47
DIVISION	.27	-.22	.61	-.05	1.01	-.30	1.91	-.29	.64	2.34	2.81	-.90	3.73	1.62	4.87	2.52	2.81	1.32	1.35	.19	.29	.44	.47	.02	20.77	1.13
09 SOUTHEAST																										
ALEXANDRIA	.25	-.13	.45	.14	.82	.39	1.44	.75	1.29	1.57	2.26	1.41	2.54	.21	3.15	.49	3.72	1.67	.93	.33	.11	.62	.39	.04	17.35	3.03
ARMOUR	.43	.06	.53	.17	.50	.92	1.13	.99	.80	2.00	2.29	1.64	3.44	1.37	4.31	1.16	2.04	.10	1.13	.10	.05	.78	.26	.28	16.91	4.31
BONESTEEL	.36	.17	.34	.46	.56	1.13	1.62	.82	.65	2.88	4.03	.37	1.52	.84	5.23	2.34	1.34	.64	1.44	.05	.18	.66	.32	.15	17.61	4.99
BRIDGEWATER	.40		.54		1.06		1.49		4.23		1.51		2.84		3.53		2.21		1.23		.13		.06		20.05	
CANISTOTA 2 N	.26	.28	.54	.26	.67	.82	1.37	.68	1.61	1.45	2.60	1.58	2.52	.11	3.44	.14	2.18	.21	1.46	.19	.20	.67	.43	.17	17.30	5.90
CANTON	.63		1.33		.31		1.89		1.41		1.86		2.79		3.24		3.34		1.71		.25		1.04		19.80	
CENTERVILLE 6 SE	.34		1.09		.42		1.70		1.20		2.82		6.72		4.20		4.78		2.44		.13		.57		26.41	
MARION	.43	.09	.76	.12	.53	1.06	1.63	.52	3.63	.23	3.23	.94	2.34	.46	3.58	.70	6.21	3.83	1.74	.28	.26	.67	.60	.03	24.80	1.15
MENNO	.49	.12	.70	.16	.69	.83	1.44	.71	2.20	1.18	2.33	1.73	3.36	.97	4.99	1.97	3.10	1.07	1.94	.63	.08	.82	.52	.07	21.67	.98
MITCHELL 2 SSE	.28	.15	.38	.23	.66	.73	1.36	.88	1.36	1.55	2.04	1.64	1.42	.85	4.19	1.37	1.87	.25	.30	1.00	.23	.54	.53	.02	14.62	6.42
MONTROSE	.32		.85		.66		1.84		.94		2.20		3.19		3.45		2.52		1.81		.18		.47		18.39	

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2—Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
CANTON	.50		.32		.26		3.18		1.00		6.42		.32		3.64		.75		1.07		T		1.21		18.67	
CENTERVILLE 6 SE	.47		.14		.07		2.10		1.68		7.56		2.47		3.37		1.02		.62		T		.84		20.34	
MARION	.89	.37	.56	-.30	.28	-1.31	2.41	-.26	1.28	-2.02	9.96	1.39	.67	-2.11	2.14	-.74	1.06	-1.22	.75	-.71	.06	-.67	.75	-.12	16.51	-7.14
MENNO	.42	-.19	.27	-.59	.10	-1.42	2.07	-.08	1.04	-2.34	4.24	-.18	2.80	-.41	2.09	-.93	1.63	-.40	.84	-.47	.01	-.89	.50	-.12	16.01	-6.84
MITCHELL 2 SSE	.38	-.05	.32	-.29	.17	-1.22	1.23	-1.01	1.44	-1.47	6.53	2.83	1.56	-.71	2.11	-.71	2.53	-.41	.71	-.59	T	-.77	.50	-.00	17.44	-3.98
MONTROSE	.69		.33		.28		2.48		.68		5.96		.70		3.01		1.21		.85		.03		.30		16.32	
PARKSTON 3 E	.71	.23	.32	-.37	.51	-.79	2.57	-.55	1.41	-1.39	5.11	1.30	2.17	-.23	1.85	-1.01	2.67	-.45	.82	-.34	.02	-.78	.40	-.07	18.76	-2.31
PICKSTOWN //	.60		.32		.56		2.92		1.58		9.52		.30		2.00		2.55		.92		T		.36		21.63	
PLATTE	.55		.37		.23		1.27		1.56		10.84		.24		1.43		2.16		.69		T		.43		19.77	
SALEM	1.21		.41		.46		1.97		.86		5.75		1.13		3.08		2.19		.76		.09		.54		18.45	
SIOUX FALLS WB AIRPORT//	.75	.13	.44	-.49	.14	-1.40	3.90	1.59	.72	-2.66	4.26	-.09	.53	-2.31	3.48	-.13	.87	-1.74	.39	-.86	.03	-.97	.91	-.17	16.40	-6.76
TYNDALL	.38	-.14	.26	-.53	.21	-1.26	2.07	-.14	2.22	-1.19	7.50	3.63	1.25	-1.19	2.45	-.57	1.61	-.55	.80	-.42	.02	-.83	.54	-.04	19.31	-3.15
VERMILLION 2 N	.86	.39	.02	-.80	.10	-1.07	1.24	-.97	3.24	-.06	7.23	3.30	1.20	-1.88	4.04	1.00	1.22	-1.32	.77	-.50	.00	-1.00	1.04	-.47	21.06	-2.44
WAGNER	.73		.39		.52		2.18		1.24		11.70		T		2.49		4.56		.98		T		.26		25.09	
WHITE LAKE	.63		.60		.21		1.50		1.98		9.09		1.29		1.37		1.33		.54		T		.44		18.98	
YANKTON 3 N	.55	.13	.08	-.63	.02	-1.19	1.51	-.68	E 2.99	-.51	6.46	2.16	1.07	-1.40	2.04	-1.17	1.38	-.82	.97	-.78	T	-.91	E .73	-.24	E 17.38	-5.54
DIVISION	.69	.18	.28	-.50	.29	-1.14	2.19	-.02	1.55	-1.65	6.78	2.81	1.09	-1.37	2.45	-.51	2.01	-.15	.77	-.51	.01	-.87	.61	-.05	18.72	-3.68

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
MADISON RESEARCH FARM																										
4 IN.	26.7	32/17	23.9	31/14	33.6	48/21	44.6	55/35	52.0	70/38	65.4	76/53	71.5	82/60	71.4	81/61	62.1	70/50	49.6	64/38	38.2	45/29	30.2	38/18	47.4	82/14
8 IN.	27.1	31/19	24.5	30/17	32.1	40/24	43.2	50/36	50.2	62/39	63.4	70/53	69.4	76/61	70.1	77/63	62.1	67/53	50.6	61/41	39.5	45/32	31.6	37/22	47.0	77/17
20 IN.	30.9	33/28	28.4	31/24	32.0	35/28	36.7	47/35	48.2	54/43	59.0	63/52	65.2	69/61	66.9	69/64	62.3	64/57	53.5	59/47	43.8	47/39	36.6	40/32	47.0	69/25
40 IN.	31.9	34/29	29.0	32/27	28.4	30/27	34.5	37/30	39.4	43/37	47.1	50/43	53.4	62/50	62.5	63/62	60.4	62/58	55.2	58/51	47.6	51/44	41.4	44/37	44.2	63/27

DATA ARE FROM DAILY MAX AND MIN READINGS ENDING AT MIDNIGHT. SOIL TEMPERATURE MERCURY THERMOGRAPH. DEGREE OF SLOPE, 5%; SLOPE FACES WEST-NORTHWEST. SOIL TYPE AND COVER, POINSETT SILTY CLAY UNDER ALFALFA AND BROME GRASS SOD.

See Reference Notes Following Station Index

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
CANTON	.47		.00		.95		4.33		1.52		4.24		4.46		1.45		3.74		3.48		.20		1.95		28.86	
CENTERVILLE 6 SE	.32		.02		.36		3.16		.92		4.62		6.43		2.16		3.92		3.57		.29		1.61		29.38	
MARION	.44	-.08	.01	-.85	.67	-.92	5.22	3.07	1.74	1.66	5.61	1.44	4.68	1.90	1.62	1.26	4.15	1.87	4.55	3.09	.28	-.35	2.96	2.23	32.13	8.48
MENNO	.33	-.28	.07	-.79	.59	-.93	3.72	1.57	1.76	1.62	4.89	.83	3.73	1.34	2.47	-.55	4.43	2.40	4.28	2.97	.91	.39	2.62	2.00	29.40	6.55
MITCHELL 2 SSE	.54	.11	.06	-.55	.38	1.01	4.34	2.10	1.72	1.19	6.41	2.73	1.47	-.80	1.39	1.42	2.91	.39	3.28	1.98	.77	.00	1.48	.98	26.99	9.31
MONTROSE	.19		.07		.73		4.93		2.22		5.94		1.76		1.42		3.97		4.98		.40		2.42		28.64	
PARKSTON 3 E	.32	.16	.07	.62	.30	1.00	3.45	1.43	1.53	1.27	6.41	2.60	2.10	.30	1.35	1.31	3.14	.92	3.64	2.48	.82	.02	2.16	1.62	33.49	4.42
PICKSTOWN //	.26		.09		.55		3.26		1.89		3.02		1.29		1.48		3.05		2.68		.60		1.84		20.41	
PLATTE	.50		.17		.33		6.59		1.63		5.54		1.17		1.76		1.84		2.61		.80		2.29		24.73	
SALEM	.26		T		.91		4.20		1.80		7.06		.99		1.48		3.57		4.29		.43		1.46		26.05	
SIOUX FALLS WB AIRPORT//R	.33	.29	.09	.84	.61	.93	4.34	2.03	2.69	.69	4.10	.25	2.37	.47	1.70	1.89	4.01	1.40	4.57	3.32	.39	.01	2.62	1.88	27.82	2.66
TYNDALL	.36	.16	.11	.68	.28	1.19	2.85	.64	1.33	2.08	5.30	1.42	3.10	.66	1.89	1.32	3.62	1.47	3.74	2.32	.60	.25	1.88	1.38	24.87	2.41
VERMILLION 2 N	.29	.18	.10	.72	.62	.55	5.09	2.83	1.94	1.41	2.59	1.34	4.26	1.18	1.97	1.47	3.21	.67	6.01	4.76	.24	.74	2.58	2.01	32.52	5.02
WAGNER	.36		.14		.22		3.15		1.78		3.53		1.09		1.50		3.86		2.77		.96		3.17		22.73	
WHITE LAKE	.49		.10		.29		5.84		1.79		3.89		3.29		1.45		1.82		2.52		.89		1.33		23.78	
YANKTON 3 N	.22	.20	.13	.56	.08	1.13	2.70	.91	.86	2.64	5.88	1.58	2.70	.22	1.95	1.26	2.04	.16	4.40	3.07	.40	.51	1.06	.57	22.42	.90
DIVISION	.35	.16	.07	.71	.51	.92	4.08	1.87	1.72	1.48	4.92	.95	2.68	.23	1.71	1.25	3.19	1.03	3.96	2.68	.57	.31	2.09	1.52	29.86	3.46

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
MADISON RESEARCH FARM																										
4 IN.	23.8	32/13	24.7	31/13	34.6	49/25	42.9	56/34	50.6	60/43	63.9	73/53	68.5	78/57	69.1	81/60	59.2	67/50	48.0	59/36	36.7	45/33	30.7	34/27	46.1	81/13
8 IN.	24.6	31/17	25.4	30/18	34.3	47/25	44.0	53/37	51.4	58/46	63.9	70/55	68.9	75/60	69.9	77/64	61.5	67/54	50.8	59/43	40.0	47/36	33.4	37/31	47.3	77/17
20 IN.	28.9	32/26	29.6	32/26	33.4	41/28	43.0	49/39	49.4	53/47	59.3	62/53	64.9	67/60	66.6	69/65	61.8	65/58	53.9	59/48	43.6	49/40	37.2	40/34	47.6	69/26
40 IN.	33.6	38/32	33.0	34/31	32.9	36/30	39.4	42/36	44.4	46/42	51.0	54/46	56.0	58/53	58.8	60/56	57.0	- /55	51.9	55/48	44.7	48/41	38.6	41/36	45.1	60/30

DATA ARE FROM DAILY MAX AND MIN READINGS ENDING AT MIDNIGHT. DEGREE OF SLOPE, 5 PERCENT; SLOPE FACES WEST-NORTHWEST. SOIL TYPE AND COVER, POINSETT SILTY CLAY UNDER ALFALFA AND BROME GRASS SOD.

See Reference Notes Following Station Index

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
CANTON	.95		2.05		1.21		.02		2.30		4.29		4.69		2.23		1.11		E 4.07		.36		1.33		E 24.61	
CENTERVILLE 6 SE	1.56		3.52		1.94		.24		3.13		4.11		4.64		3.94		1.26		3.01		.48		1.14		30.97	
MARION	1.42	.90	2.72	1.86	1.34	.23	.26	1.89	2.01	1.39	4.25	.08	3.49	.71	2.51	.37	3.04	.76	2.97	1.51	.34	.59	1.08	.45	25.83	1.80
MENNO	1.47	.86	1.84	.96	1.01	.51	.66	1.49	3.08	1.70	3.39	.67	5.18	2.79	1.75	1.27	2.26	.83	3.33	2.02	.68	.22	.91	.29	27.54	4.71
MITCHELL 2 SSE	.59	.16	1.78	1.17	.39	1.00	1.30	.94	4.41	1.50	1.71	1.97	3.12	.85	1.62	1.20	2.05	.07	2.68	1.38	.48	.29	.92	.42	21.05	.01
MONTROSE	1.10		1.84		.65		.46		2.73		4.69		2.93		2.48		2.58		2.76		.67		.93		23.82	
PARKSTON 5 E	.75	.27	1.10	.41	.47	.83	1.00	1.02	3.89	1.09	5.03	1.22	4.62	2.22	1.67	1.19	2.04	.18	3.09	1.93	.69	.11	.81	.28	25.16	4.09
PICKSTOWN //	.49		1.93		.43		.79		1.24		3.26		3.69		1.76		3.73		3.35		.67		.98		22.32	
PLATTE	.53		1.73		.30		.59		3.76		1.42		4.38		3.11		2.13		2.79		.28		.66		21.84	
SALEM	E .98		E 2.30		.38		.93		4.22		2.73		5.66		3.23		2.55		3.30		.64		.72		E 28.04	
SIOUX FALLS WB AIRPORT//R	1.71	1.09	2.55	1.62	1.09	.45	.17	2.14	2.43	.95	4.85	.50	2.73	.11	5.07	1.48	2.41	.20	2.05	.80	.34	.66	1.18	.44	26.98	1.42
TYNDALL	.88	.36	1.78	.99	.98	.49	.79	1.42	2.67	.74	3.30	.57	6.58	4.14	1.63	1.39	2.14	.02	3.43	2.21	.42	.43	.92	.42	25.52	3.06
VERMILLION 2 N	E 1.09	.62	E 1.35	.53	E .35	.82	.34	1.92	4.05	.70	7.08	3.15	4.24	1.16	4.31	1.27	1.02	1.52	2.91	1.64	.44	.56	1.47	.90	E 28.05	5.15
WAGNER	.83		2.43		.51		1.08		1.78		2.54		4.89		2.25		2.08		3.67		.78		.94		23.78	
WHITE LAKE	1.09		2.19		.32		1.65		3.11		1.17		2.55		2.87		1.01		2.35		.26		.82		19.39	
YANKTON 3 N	E 1.13	.71	1.17	.48	1.63	.42	.56	1.63	3.59	.09	3.41	.89	4.05	1.58	1.38	1.83	2.32	.12	2.71	1.38	.89	.02	.57	.08	E 23.41	.49
DIVISION	.98	.47	2.33	1.55	.76	.67	.74	1.47	3.01	.19	3.74	.23	4.19	1.73	2.38	.58	2.00	.16	3.07	1.79	.50	.38	.94	.38	24.64	2.24

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

SOIL TEMPERATURES

Station	Depth (IN)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
MADISON RESEARCH FARM																												
	4		29.8	33 27	30.1	32 28	31.1	33 30	39.8	51 31	55.3	66 46	59.3	67 49	69.7	79 58	69.4	76 61	60.8	69 52	46.4	59 38	37.7	45 33	32.0	34 30	46.8	79 27
	8		31.8	35 30	31.9	34 31	32.7	34 31	40.6	49 33	55.7	63 48	59.8	65 54	69.5	75 61	70.3	74 66	63.0	69 57	49.4	59 42	40.5	47 36	34.7	37 33	48.3	75 30
	20		34.2	35 33	33.6	34 33	33.8	35 33	38.9	45 34	51.4	57 45	56.7	59 55	64.1	67 59	66.7	68 65	63.0	66 59	52.5	59 47	43.9	48 40	38.2	40 36	48.1	68 33
	40		34.6	37 33	32.9	34 32	32.2	33 31	33.8	38 32	42.3	46 37	47.8	49 46	52.8	56 49	56.5	57 55	55.8	57 54	49.8	54 45	42.4	45 39	37.1	39 35	43.2	57 31

DATA ARE FROM DAILY MAX AND MIN READINGS ENDING AT MIDNIGHT. DEGREE OF SLOPE, 5 PERCENT, SLOPE FACES WEST NORTHWEST. SOIL TYPE AND COVER: POINSETT SILTY CLAY UNDER ALFALFA AND BROME GRASS SOD.

See Reference Notes Following Station Index

TABLE 2 - CONTINUED

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
CANISTOTA 2 N	.87	.31	.22	-.58	1.78	.29	3.07	1.02	2.56	-.50	3.84	-.34	2.10	-.53	.72	-2.58	2.47	.08	2.76	1.49	2.09	1.22	.59	-.01	23.07	-.13
CANTON	.39		.12		1.45		2.75		2.06		2.79		1.81		.25		3.58		3.17		1.67		.93		20.97	
CENTERVILLE 6 SE	.55		.35		1.45		2.74		3.65		2.48		1.47		.85		3.18		3.94		2.03		.96		23.65	
MARION	.37	-.15	.11	-.75	2.26	.67	3.92	1.77	1.97	-1.43	3.05	-1.12	2.46	-.32	.42	-2.48	2.19	-.09	2.72	1.26	2.21	1.28	1.06	.43	22.74	-.91
MENNO	.40	-.21	.16	-.68	2.35	.83	2.36	.21	2.02	-1.36	3.00	-1.06	1.93	-.46	.38	-2.64	2.37	.34	2.16	.87	2.21	1.31	.55	-.07	19.93	-2.92
MITCHELL 2 SSE	.29	-.14	.04	-.57	1.38	-.01	4.27	2.03	1.50	-1.41	3.38	-.30	1.28	-.99	1.28	-1.54	2.01	-.11	1.92	.62	2.30	1.53	.45	-.05	20.10	-.94
MONTROSE	.65		.05		2.15		3.42		2.17		2.77		1.82		1.47		2.18		2.99		2.49		.46		22.62	
PARKSTON 5 E	.49	.01	.06	-.63	1.95	.65	3.40	3.49	1.73	-1.07	2.37	-1.44	1.21	-1.19	1.18	-1.68	2.27	.05	1.81	.65	2.66	1.86	.87	.34	22.11	1.04
PICKSTOWN //	.20		.06		1.57		3.40		2.70		2.59		.82		1.04		2.10		1.34		1.73		.73		20.28	
PLATTE	.52		.11		1.74		3.14		2.71		2.79		.66		1.28		2.10		2.57		1.74		.81		22.17	
SALEM E	.44		.48		3.91		3.78		3.70		3.37		3.10		1.40		2.32		3.37		1.80		1.05	E	30.72	
SIOUX FALLS WSO //R	.37	-.25	.10	-.83	2.03	.49	3.75	1.44	4.83	1.45	3.81	-.54	2.98	.14	.53	-3.06	3.14	.53	3.13	1.88	2.17	1.17	.54	-.20	27.38	2.22
TYNDALL	.18	-.34	.08	-.71	1.40	-.07	3.73	1.32	2.72	-.69	1.10	-2.77	4.50	2.06	1.90	-1.12	2.36	-.20	1.98	.76	1.79	.94	.49	-.01	22.23	-.23
VERMILLION 2 N E	.68	.21	T	-.82	2.51	1.36	2.74	.68	2.91	-.44	2.30	-1.63	1.61	-1.47	1.08	-1.96	3.74	1.20	3.61	2.34	2.84	1.84E	1.07	-.50E	25.09	1.39
WAGNER	.21		.06		1.89		3.97		2.47		1.84		.48		1.75		2.37		1.32		2.18		.85		21.39	
WHITE LAKE	.43		.20		2.94		4.56		1.98		3.22		1.00		1.66		1.90		2.11		1.41		.68		22.29	
YANKTON 3 N	.13	-.29	T	-.69	1.16	-.05	2.54	-.35	4.90	1.40	1.21	-3.09	1.11	-1.36	.47	-2.74	3.05	.85	2.49	1.16E	1.99	1.08E	.78	-.29E	19.83	-3.09
DIVISION	.37	-.14	.08	-.70	1.97	.54	4.06	1.85	2.66	-.54	2.67	-1.30	1.68	-.78	1.04	-1.92	2.46	.30	2.38	1.10	2.16	1.28	.73	-.17	22.26	-.14

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

SOIL TEMPERATURES

Station	Depth (IN)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
MADISON RESEARCH FARM	4		28.9	32 26	29.7	32 28	30.2	32 27	36.2	52 31	52.9	62 39	64.8	73 55	69.8	78 59	69.3	75 62	61.1	76 50	48.2	60 41	37.2	42 31	31.7	35 28	46.6	78 26
	8		31.5	37 29	31.6	34 30	32.0	33 29	37.0	50 32	52.7	61 42	64.6	71 57	70.1	76 65	69.7	75 65	62.4	73 54	50.3	59 43	39.4	44 34	33.2	36 30	47.8	76 29
	20		34.6	37 33	33.3	34 33	33.6	34 33	36.2	44 33	49.1	55 43	59.8	65 55	65.4	68 64	66.6	68 65	62.3	68 58	53.0	58 48	43.5	48 39	37.2	40 34	47.9	68 33
	40		33.3	36 31	30.9	32 30	30.4	31 30	31.0	33 30	38.9	43 34	47.3	51 43	52.9	54 51	-	- -	60.7	63 58	54.8	58 52	47.8	52 44	41.5	44 39	-	63 30

AVERAGE DATA ARE FROM MAX AND MIN READINGS FOR 24 HOURS UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS AT TIME SHOWN.

MADISON RESEARCH FARM : POINSETT SILTY CLAY UNDER ALFALFA AND BROME GRASS SOD. DEGREE OF SLOPE, 5 PERCENT; SLOPE FACES WEST-NORTHWEST.

See Reference Notes Following Station Index

DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

May 20, 1991

NOTICE

TO: Richard Beringson, Secretary
Department of Game, Fish & Parks
Joe Foss Building
523 E. Capitol
Pierre, SD 57501
and Parties of Record (see attached list)

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352

SUBJECT: Vested Water Right Claim No. 5073-3, Silver Lake

The hearing before the Water Management Board to consider Validation of Vested Water Right Claim No. 5073-3 has been scheduled for 8:30 am on July 25, 1991 in the Kneip Room, Governor's Inn, 700 West Sioux Ave., Pierre SD. The actual time of the hearing may be later than 8:30 am due prior agenda items from the previous day.

Applicable provisions of the notice of intent to validate published on January 9 & 17, 1991 in the Freeman Courier and January 10 & 17, 1991 in the New Era will still apply at this hearing.

This hearing is an adversary proceeding. Any person having filed a petition and the Vested Right Claim Holder have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

cc: Diane Best, Assistant Attorney General
Gary Richter, GF&P Attorney
Tim Olson, GF&P Permits Coordinator

CERTIFICATION

I hereby certify that on May 20, 1991 I have personally deposited with the U.S. Mail postage prepaid envelopes containing a Notice of the hearing before the Water Management Board to consider Validation of Vested Water Right Claim No. 5073-3 addressed as follows:

Parties of Record:

Steven Johnson, Brady, Reade and Johnson, P.O. Box 735, Yankton, SD 57078.

Michael F. Marlow, Brady, Reade and Johnson, P.O. Box 735, Yankton, SD 57078.

Ted and Murray Waltner, RR 1, Box 159, Dolton, SD 57023.

Hand delivered to:

Richard Beringson, Secretary, Department of Game, Fish & Parks, Joe Foss Bldg., 523 E. Capitol, Pierre, SD 57501.

Gary Richter, GF&P Attorney, Joe Foss Bldg., 523 E. Capitol, Pierre, SD 57501.

Tim Olson, GF&P Permits Coordinator, Joe Foss Bldg., 523 E. Capitol, Pierre, SD 57501.

Inter-office sent to:

Diane Best, Assistant Attorney General, Capitol Building.

Cheryl F. Frost

Cheryl F. Frost
Secretary

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 22nd day of May, 1991.

JOHN HATCH
SEAL NOTARY PUBLIC SEAL
SOUTH DAKOTA
My Commission Expires Apr. 1, 1993

John Hatch

Notary Public

VALIDATION OF VESTED RIGHT NO. 5073-3
SOUTH DAKOTA DEPARTMENT OF GAME, FISH AND PARKS
MAY 28, 1991

Vested Right Claim No. 5073-3, South Dakota Department of Game, Fish and Parks, is for validation of an outlet elevation for Silver Lake, in Turner and Hutchinson Counties. Game, Fish and Parks is requesting validation for water to fill Silver Lake yearly to an outlet elevation of 1435.34 feet mean sea level (fmsl) using surface runoff from the Silver Lake drainage basin. The diversion point is located in the SE1/4NE1/4 of section 25 T100N R55W. Game, Fish and Parks is claiming a priority date of January 1, 1917 with the water to be used for wildlife and public recreational purposes.

DISCUSSION:

The diversion structure is the existing concrete spillway with a crest elevation of 1435.34 fmsl. The concrete spillway functions as an inlet/outlet depending on the water levels in Rohr Lake and in Silver Lake.

The Water Management Board has established the Ordinary High Water Mark at elevation 1435.7 fmsl and the outlet elevation at 1435.3 fmsl for Silver Lake. These elevations are set and under SDCL 43-17-25 the elevations are final.

The Department of Game, Fish and Parks submitted two documents to support their claim for the January 1, 1917 priority date.
1. "Affidavit of Construction of Water Use System and Application of Water To Beneficial Use" which was signed and notarized. This document states that a dike was constructed during 1916 to increase the water levels in Silver Lake and that at a later time the dike was removed and a concrete spillway was installed.

2. An affidavit submitted by Mr. Curt Pankratz stating that he has personal knowledge that the water has been used in Silver Lake since before January 1, 1912 for the purposes stated in the validation request.

Opposition to Validation of Vested Right Claim No. 5073-3:

A petition of intent to oppose vested water right claim no. 5073-3, Silver Lake was received February 13, 1991 by the Division of Water Rights. The petition was filed by Steven M. Johnson and Michael F. Marlow on behalf of their clients Ted Walter, Murray Walter, Tommy Thomas, Merlin Hofer, Vernon J. Hofer, Robert L. Hofer, Danny Koehn, Roy Ensz and Albert Koehn. (Petition attached)

This report will address the questions asked in the petition.
1. **Lack of evidence to support a priority date of 1917;**

The application includes an affidavit from Mr. Curt Pankratz that states that he has personal knowledge that the water has been used in Silver Lake since before January 1, 1912. The application also includes an "Affidavit of Construction of Water Use System and Application of Water to Beneficial Use" stating that the original dike was constructed in 1916 subsequently removed and a spillway installed.

2. **Deficiencies in the Application for Permit to Appropriate Water Within the State of South Dakota dated August 22, 1985;**

Deficiencies referred to are unknown.

3. **Deficiencies in the notifications appearing in the Freeman Courier and the New Era readvertising this claim;**

Deficiencies referred to are unknown.

4. **Inaccuracies in the study entitled "Ordinary High Water mark Investigation for Silver Lake" dated September 17, 1985 which is relied upon by the South Dakota Department of Game, Fish & Parks to support its vested claim;**

The ordinary high water mark and the outlet elevations are set and are not an issue in this validation. The inaccuracies referred to in the petition of intent to oppose are unknown to this author.

5. **Changes in the physical drainage area in and around Silver Lake since the September 17, 1985 study;**

Any physical changes in the drainage area since 1985 would not change the fact that there are affidavits stating a priority date of January 1, 1917. Any changes in the drainage area would not affect the claimed priority date.

6. **Certain actions taken by the South Dakota Game, Fish & Parks Department in and around Silver Lake were without statutory authority;**

If there is a violation of statutes a specific report of the violation should be made and filed either with the Department of Game, Fish, and Parks or with the appropriate agency having authority over the violation. Here again this writer does not see the bearing of an alleged statute violation on whether Game, Fish and Parks has utilized the waters in Silver Lake since 1917 and can claim the January 1, 1917 priority date.

7. **Failure to comply with SDCL 46-5-20.1;**

46-5-20.1 Any application for appropriation of water, pursuant to this chapter, in excess of ten thousand acre feet annually shall be presented by the water management board to the Legislature for approval prior to the board's acting upon the application and all powers of eminent domain shall be denied any common carrier appropriating over ten thousand acre feet of water per annum which has

not obtained such prior legislative approval. Legislative approval does not mandate approval by the water management board and does not constitute an issuance of a water permit. This section does not apply to applications by the South Dakota conservancy district or applications for the approval of water permits for energy industry use.

The area capacity curve for Silver Lake indicates that at spillway elevation of 1435.3 fmsl the lake is only capable of holding approximately 2350 acre feet of water. The 2350 acre feet is substantially below the 10,000 acre foot limitation in SDCL 46-5-20.1 and the application for the vested right is for water to fill to outlet elevation of 1435.34 fmsl therefore SDCL 46-5-20.1 has no bearing on this application.

8. **Such other legal and factual circumstances that may become apparent after full investigation of this claim.**

Not answerable at the time of this report.

CONCLUSIONS:

1. Vested Right Claim No. 5073-3 has been submitted by the Department of Game, Fish and Parks to validate water use in Silver Lake, Hutchinson and Turner Counties to an outlet elevation of 1435.3 fmsl.

2. The Department of Game, Fish and Parks has submitted an affidavit from Curt Pankratz stating that he has personal knowledge that the waters have been used in Silver Lake since before January 1, 1912.

3. The Ordinary High Water Mark has been set for Silver Lake at 1435.7 fmsl and is not an issue in the validation proceedings.

4. The outlet elevation for Silver Lake has been set at 1435.3 fmsl and is not an issue in the validation proceedings.

5. Vested Water Right Claim No. 5073-3 should be validated with a priority date of January 1, 1917 with an outlet elevation of 1435.3 fmsl.

Gale N Selken

Gale N. Selken P.E.
Natural Resources Engr. IV
DENR, Water Rights Division

ATTORNEYS AT LAW

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TELEPHONE
(605) 665-7468
FAX (605) 665-4788

Attorney General

JUL 22 1991

July 19, 1991

JUL 1991
DIVISION OF
WATER RIGHTS
Pierre, SD

FAX TRANSMITTAL

Mr. Gary L. Richter
Attorney for Game,
Fish and Parks
Anderson Building
Pierre, SD 57501

Ms. Diane Best
Assistant Attorney General
State Capitol
500 E. Capitol
Pierre, SD 57501

Re: Silver Lake / Water Management Board

Dear Diane and Gary:

This letter confirms our telephone conversation of Wednesday, July 17, 1991 wherein we discussed altering the application No. 5073-3 (Silver Lake) by decreasing the area covered by the "source of water supply". My clients agree that we will drop our opposition to the vested right claim if it is amended to include only Areas S and B as depicted on the enclosed map. This would effectively eliminate the Rohr Lake drainage basin from the Game, Fish & Parks application for a vested water right.

Sincerely,

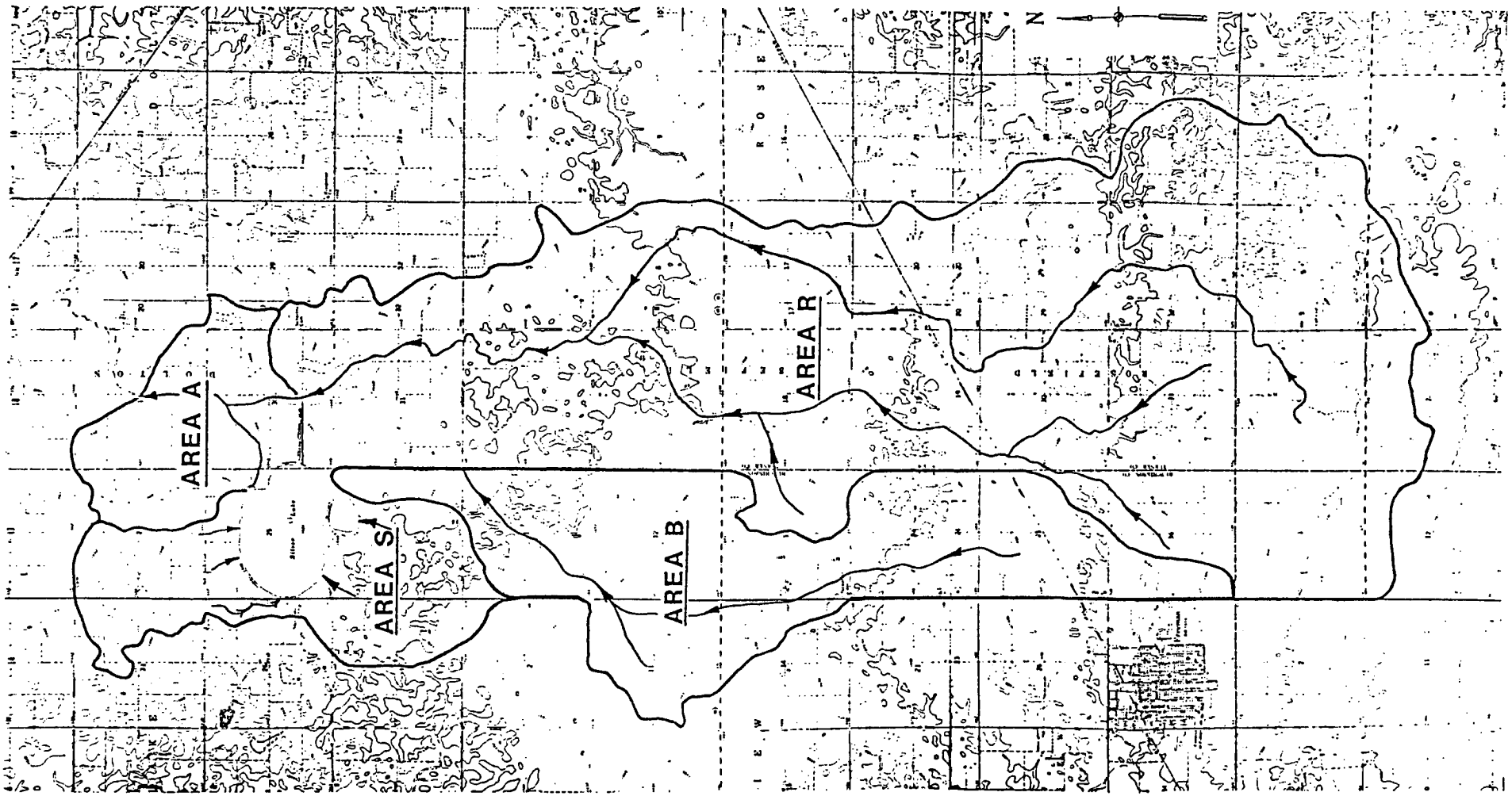
Michael F. Marlow

MICHAEL F. MARLOW
For the Firm

MFM/ckb

Attachment

cc: Ted and Murray Waltner
Tommy Thomas
Merlin Hofer
Vernon Hofer
Robert Hofer
Danny Koehn
Roy Ensz
Albert Koehn



BANNER

BANNER ASSOCIATES, INC. • CONSULTING ENGINEERS & ARCHITECTS
409 22nd Av S • P.O. Box 298 • Brookings, SD 57006 • (605) 692-6343

SILVER LAKE HYDROLOGIC INVESTIGATION
HUTCHINSON AND TURNER CO. SOUTH DAKOTA

HYDROLOGIC WATERSHED MAP

FIGURE 3

JUL 1991
DIVISION OF
WATER RIGHTS
Pierre, SD

STATE OF SOUTH DAKOTA

OFFICE OF ATTORNEY GENERAL
500 EAST CAPITOL
Pierre, South Dakota 57501-5070
Phone (605) 773-3215

MARK W. BARNETT
ATTORNEY GENERAL

LAWRENCE E. LONG
CHIEF DEPUTY ATTORNEY GENERAL

JUL 1991
DIVISION OF WATER RIGHTS
Pierre, SD

July 23, 1991

Mike Marlow
Brady, Reade & Johnson
P.O. Box 735
Yankton, SD 57078-0735

Re: **Silver Lake/Water Management Board/(draft letter)**

Dear Mike:

Consistent with our previous telephone conversations and your letter of July 19, 1991, the Division of Water Rights will be recommending at the July 25, 1991, Water Management Board meeting that:

> The Silver Lake Application No. 5073-3 be granted pursuant to the Notice of Intent to Validate published on January 9 and 17, 1991, in the Freeman Courier and January 10 and 17, 1991, in the New Era with the exception of any of the Rohr Lake drainage area which might contribute to Silver Lake by means of Shartner Ditch or by flowing upstream into Silver Lake over its spillway.

This recommendation serves to eliminate the Rohr Lake drainage basin from the Division's approval of the Game, Fish and Parks' application for a vested water right. Thus, the Department will only be recommending the 1917 validation of a vested water right for that portion of the Game, Fish and Parks' application which is outside the Rohr Lake drainage area.

The parties have used the Banner and Associates' map for purposes of settlement negotiations. I believe that it would be appropriate to utilize this map for describing the settlement that has been reached. It is the Divisions' position, however, that the actual validation should not be dependent upon the Banner map but should, instead, be based upon the language set forth above.

I have spoken with Gary Richter and Tim Olson at the Department of Game, Fish and Parks and it is my understanding that they will be withdrawing the Rohr Ditch drainage basin from their request for validation. Presumably Mr. Richter will confirm this circumstance in writing previous to the July 25, 1991, hearing.

As I mentioned on the telephone, I expect that Game, Fish and Parks will begin the proceeding on Thursday morning with their amendment to the application. Then, the Division of Water Rights will present its recommendation. Following our presentation, I assume that you will want to comment as well. Because the matter is being settled, I expect that none of the parties will be presenting testimony or requesting Findings of Fact or Conclusions of Law. If this procedure is different from your understanding, please let me know.

Sincerely,

Diane

Diane Best
Assistant Attorney General

DB:ss

FAX TRANSMITTAL (605) 665-4788

cc: Gary Richter - Game, Fish & parks
John Hatch - Chief Engineer, Division of Water Rights
Gale Selken - DENR, Water Rights ✓

AGREEMENT ON WITHDRAWAL

In the Matter of the Validation of Vested Right
Claim No. 5073-3 for Silver Lake (GFP)

This AGREEMENT concerns the validation process of Vested Right #5073-3 (Silver Lake) held by the Department of Game, Fish and Parks.

On or about August 22, 1985 the Department of Game, Fish and Parks submitted to the Water Rights Division an "Application For Permit To Appropriate Water Within The State Of South Dakokta", a copy of which is in the record. The Application requested that the amount of water claimed was- Water to fill (Silver Lake) to outlet elevation of 1,435.34 feet msl from surface runoff from Silver Lake basin. Attached to the Application was a map purporting to depict the Silver Lake drainage basin.

On November 20, 1990 a "Supplemental Application For Permit to Appropriate Water Within The State Of South Dakota", a copy of which is in the record, was submitted to the Water Rights Division. The Supplemental Application requested that the amount of water claimed was- Water to fill Silver Lake to outlet elevation of 1,435.34 feet msl from surface runoff from Silver Lake drainage basin. Attached to the Amended Application was a map purporting to depict the Silver Lake drainage basin different from that filed with the original Application.

On December 28, 1990 an "Amended Supplemental Application For Permit To Appropriate Water Within The State Of South Dakota", a copy of which is in the record, was submitted to the Water Rights Division. This Supplement to the Amended Application identified an additional area which may constitute a portion of Silver Lake.

Opposition(s) thereto have been filed by several parties represented by Attorney, Michael F. Marlow, of Yankton, South Dakota, copies of which are in the record. No other persons or parties have filed any opposition to such validation process.

A hydrological study was completed in May 1991 for the drainage of Schartner Ditch located in the general vicinity of the Silver Lake. The Department of Game, Fish and Parks and participating local residents contracted with Banner and Associates to conduct the study. Such study has provided additional information relative to identification and location of the drainage basin of Silver Lake.

In an effort to settle and compromise the differences and disputes between the Department of Game, Fish and Parks and the clients of Attorney Marlow, the parties have agreed to a settlement and agreement. The agreement has been approved by the attorney for

Water Rights Division, Diane Best, and request is made to the Water Management Board to adopt the same and incorporate it into its Final Decision in the Validation Process of Vested Right #5073-3 held by the Department of Game, Fish and Parks.

On condition that all terms and conditions of this Agreement have been completed:

1. The Department of Game, Fish and Parks, in accordance with the recommendation of the Division of Water Rights, withdraws from its Application(s) referred to in Paragraph 3. of its Supplemental Application that portion of the Silver Lake drainage area (Exhibit "B") known and identified as "any of the Rohr Lake drainage area which might contribute to Silver Lake by means of Shartner Ditch or by flowing upstream into Silver Lake over its spillway".

2. Michael F. Marlow, on behalf of his clients who have filed opposition to the validation of Vested Right #5073-3, withdraws the Opposition(s) thereto.

3. Findings of Fact and Conclusions of Law are waived. That the Water Management Board vacate any prior Findings of Fact, Conclusions of Law or Final Decision which it may have entered in the above matter in 1990.

4. The Final Decision of the Water Management Board shall, in part, provide as follows:

"The application for validation of vested right Claim No. 5073-3 for Silver Lake is granted to allow water to fill Silver Lake yearly to an outlet elevation of 1,435.34 feet above mean sea level using surface water from the Silver Lake drainage basin identified in the Notice of Intent to Validate published in January 1991 in the Freeman Courier and Parker New Era with the exception of any of the Rohr Lake drainage area which might contribute water to Silver Lake by means of Shartner Ditch or by flowing upstream into Silver Lake over its spillway. The water is to be used for wildlife production and recreational uses. The priority date of such right is set as January 1, 1917."

Dated this 25th day of July, 1991.

Department of Game, Fish and Parks

by Gary L. Richter, its Attorney

Parties filing Opposition(s)

by Michael F. Marlow, their Attorney

Division of Water Rights

by Diane Best, its Attorney

DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

SEP 27 1991

5073-3

Richard Beringson, Secretary
SD Department of Game, Fish & Parks
523 E Capitol
Pierre, SD 57501

Dear Mr. Beringson:

Enclosed are your Validated Vested Water Right and Water License No. 5073-3. As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water.

Very truly yours,

John Hatch

JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures

SOUTH DAKOTA
VESTED WATER RIGHT NO. 5073-3

Date of Receipt of Claim August 22, 1985.

Date of Validation July 25, 1991.

The Water Management Board validated Vested Water Right Claim No. 5073-3 for the South Dakota Department of Game, Fish and Parks, 523 East Capitol, Pierre, SD 57501 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 5073-3 is for sufficient surface water runoff from the Silver Lake drainage basin to fill the lake annually to the inlet/outlet elevation of 1435.34 feet mean sea level. Silver Lake is primarily located in Section 25, T100N, R56W in Hutchinson County and a portion of the lake may also be located in Sections 26 and 36, T100N, R56W in Hutchinson County and Section 30, T100N, R55W in Turner County. A concrete inlet/outlet structure is located in the SE1/4 NE1/4 of Section 25, T100N, R56W. The water impounded in place in the lake is for wildlife production and recreational uses.

2. The appropriated water is used for sufficient surface water runoff to fill Silver Lake and may not exceed the amount of water needed for beneficial use for recreational purposes.

3. The water is to be used during the following annual period: January 1 - December 31.

4. The priority date of the Vested Water Right is: January 1, 1917.

5. The water use system has been constructed and water has been applied to beneficial use.

6. Water Rights obtained in compliance with the laws of the State of South Dakota must not be unlawfully impaired by this appropriation.

QUALIFICATION

The application for validation of vested right Claim No. 5073-3 for Silver Lake is granted to allow water to fill Silver Lake yearly to an outlet elevation of 1435.34 feet above mean sea level using surface water from the Silver Lake Drainage basin identified in the Notice of Intent to Validate published in January 1991 in the Freeman Courier and Parker New Era with the exception of any of the Rohr Lake drainage area which might contribute water to Silver Lake by means of Shartner Ditch or by flowing upstream into Silver Lake over its spillway. The water is to be used for wildlife production and recreational uses. The priority date of such right is set as January 1, 1917.

WATER MANAGEMENT BOARD

By: _____
Chief Engineer
Division of Water Rights
Dept. of Environment and Natural Resources

SEP 27 1991
date

STATE OF SOUTH DAKOTA

VESTED WATER RIGHT LICENSE NO. 5073-3

(1) The SD Department of Game, Fish & Parks, 523 E Capitol, Pierre, SD 57501 made Application No. 5073-3, August 22, 1985, for validation of a vested right claim for sufficient surface water runoff from the Silver Lake drainage basin to fill the lake annually to the inlet/outlet elevation of 1435.34 feet mean sea level for recreational and wildlife production purposes. The location of the concrete inlet/outlet structure is in the SE 1/4 NE 1/4 Section 25, T100N, R56W. Silver Lake is primarily located in Section 25, T100N, R56W, with a portion located in Sections 26 and 36, T100N, R56W, Hutchinson County and Section 30, T100N, R55W in Turner County. Vested Water Right No. 5073-3 was validated July 25, 1991, with a priority date of January 1, 1917. Construction of the described water supply system and application of water to beneficial use has been completed and complies with applicable provisions of South Dakota State Law.

(2) Pursuant to Section 46-5-30.1, the SD Department of Game, Fish & Parks, 523 E Capitol, Pierre, SD 57501, the holder and owner of Vested Water Right No. 5073-3 is issued a license to store sufficient surface water runoff from the Silver Lake drainage basin to fill the lake annually to the inlet/outlet elevation of 1435.34 feet mean sea level with a priority date of January 1, 1917, from the location described in (1) of this license. The water is stored in place for the purpose of recreational and wildlife production use. This license is subject to the qualification listed in Vested Water Right No. 5073-3 and subject to South Dakota State Law.

JOHN HATCH, Chief Engineer
Water Rights Division
Dept of Environment & Natural Resources

SEP 27 1991

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

June 24, 2003

5027-3

Ronald J. Wheeler
MORGAN,THEELER,WHEELER,COGLEY & PETERSEN, L.L.P.
PO Box 1363
Huron, SD 57350

Dear Mr. Wheeler:

This letter is in reference to your written request for the Lake Byron Watershed District for an extension to the June 30th shutoff date to pump from the James River. Flows in the James River continue to be good therefore you are authorized to continue pumping from the James River for irrigation under Water Permit No. 5027-3 until August 10, 2003. If at that time you wish to continue irrigating beyond August 10, you will need to contact this office and request another extension. Upon receipt of the request, we will reevaluate water availability conditions, and make a determination if another extension is warranted.

If river flow conditions drastically change between now and August 10, such that downstream senior water rights and domestic use are being adversely impacted, you will be contacted and a shutoff order may be issued at that time.

If you have any questions, please contact Mark Rath of the Water Rights Program at phone (605) 773-3352.

Sincerely,

Garland Erbele

Garland Erbele, Chief Engineer
Water Rights Program

MORGAN, THEELER, WHEELER, COGLEY & PETERSEN, L.L.P.
LAWYERS
OFFICES IN MITCHELL AND HURON, SOUTH DAKOTA

MEMBER OF MERITAS
LAW FIRMS WORLDWIDE

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221 EAST THIRD AVE., PO BOX 1025
MITCHELL, SD 57301-7025
TEL: (605) 996-5588
FAX: (605) 996-6129

HURON OFFICE
1507 DAKOTA AVE. S., PO BOX 1363
HURON, SD 57350-1363
TEL: (605) 352-7154
FAX: (605) 352-7157

Reply to: Huron Office

JACK THEELER
RONALD J. WHEELER
JOHN F. COGLEY
DON E. PETERSEN
TRUDY A. MORGAN
PATRICIA B. ERICKSON
DOUGLAS M. DAILEY

CHESTER L. MORGAN (1891-1963)
HARRY T. FULLER (1914-1970)
GLENN A. FINGERSON (1934-2001)

OF COUNSEL
JOHN L. MORGAN

June 23, 2003

Garland Erbele, Chief Engineer
DENR Water Rights Program
Dept. of Environment and Natural Resources
Joe Foss Building
523 E. Capitol
Pierre, SD 57501-3182

RECEIVED
JUN 24 2003
WATER RIGHTS
PROGRAM

Re: Lake Byron Water Shed District
Water Right No. 5027-3

Dear Mr. Erbele:

I am writing to you on behalf of the Lake Byron Water Shed District to request the right to continue to pump from the James River after June 30, 2003.

As I am sure you are aware, the water at Lake Byron is quite low, and we would like to continue pumping for at least an additional 60 days.

Please advise at your convenience.

Thank you very much.

Sincerely,
MORGAN, THEELER, WHEELER,
COGLEY & PETERSEN, L.L.P.

Ronald J. Wheeler
Huron Office

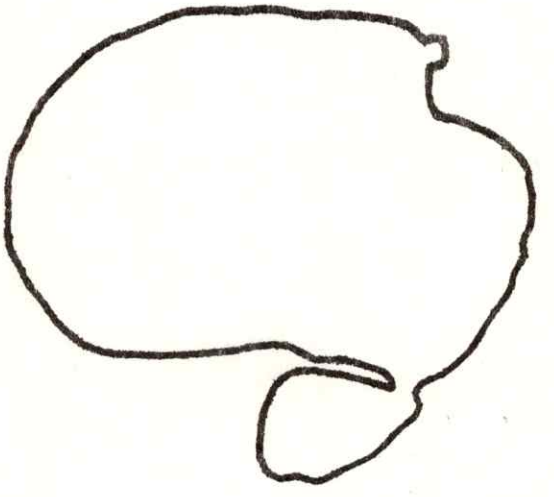
RJW/pjt
wclake.02a

5073-3

ORDINARY HIGH WATER MARK INVESTIGATION

SILVER LAKE

SEPTEMBER 1985



HUTCHINSON & TURNER COUNTIES

DIVISION OF WATER RIGHTS

South Dakota Department of
Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

ORDINARY HIGH WATER MARK INVESTIGATION FOR

SILVER LAKE

HUTCHINSON COUNTY
September 17, 1985

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Abstract:

This report contains the results of an investigation performed to determine the Ordinary High Water Mark (High WM) for Silver Lake in Hutchinson and Turner Counties. The primary factors involved in determining the High WM for Silver Lake were: 1) the lake's hydrologic characteristics and 2) the physical features such as erosion lines, vegetation changes and trees found at the upper limit of the lake bed.

Based on the findings in this report the High WM for Silver Lake has been determined to be 1435.7 feet mean sea level (msl)(Figure 1).

Introduction:

The South Dakota Department of Game, Fish and Parks requested the Department of Water and Natural Resources, Water Rights Division, to establish an Ordinary High Water Mark (High WM) for Silver Lake in Hutchinson and Turner Counties, South Dakota. The ordinary high water mark according to SDCL 43-17-20, is defined in decisions rendered by the courts of this state.

In the case of Anderson v. Ray, 37 S.D. 17, 156 N.W. 591 (1916) the Court wrote:

> In the case of freshwater rivers and lakes - in which there is no ebb and flow of the tide, but which are subject to irregular and occasional changes of height, without fixed quantity or time, except that they are periodical, recurring with the wet or dry seasons of the year - high water mark, as a line between the riparian owner and the public, is to be determined by examining the bed and banks, and ascertaining where the presence and action of the water are so common and usual, and so long-continued in all ordinary years, as to mark upon the soil of the bed a character distinct from that of the banks, in respect to vegetation, as well as respects the nature of the soil itself.

In the case of Ellsrand v. Madson, 35 S.D. 457, 152 N.W. 796, 800-801 (1915) the Court wrote:

> Neither high or low water mark means the highest or lowest point reached by the waters of a lake during periods of extreme and continued freshets, or periods of extreme and continued drought, but does mean the high and low points of variation of such waters under ordinary conditions, unaffected by either extreme.

In examining a lake for the High WM, it is necessary to consider the watershed, topography, geology, hydrology, soil and vegetation surrounding the lake. The principal field investigation for this report was conducted July, 1985.

The elevation of the 1866 meanderline survey for Silver Lake varies from about 1430 to 1440 feet mean sea level (msl) (Figure 2). It should be noted that the meanderline is not a boundary line. The meanderline defines neither the boundaries of the lake nor the extent of the area of land which is owned by the abutting landowner, but is a means of determining the amount of land subject to sale.

General Information:

Silver Lake is located in Sections 25 and 36, T100N, R55W of Hutchinson County, and Section 30, T100N, R56W of Turner County. The lake, which is used for fishing, hunting, and wildlife habitat has a surface area of approximately 393 acres at 1,431 feet msl. Silver Lake receives most of its recharge water in the form of runoff from a 17,094 acre drainage basin (Figure 3). The watershed topography was formed by a stagnant glacier creating numerous closed depressions and a varying slope with an overal change in elevation of 90 feet. The area around the lake has some pasture but is extensively farmed, with the principal crops being corn, beans, oats and spring wheat.

History

A thorough search of records and publications was made which revealed little information about Silver Lake and its hydrology. The Freeman Courier made reference to Silver Lake only in passing i.e. "Fishing is still a good success at the Silver Lake" (July 1908) and "Silver Lake is not silver anymore, it is completely dried out from lack of rain" (July 1977). The best information was obtained from local residents who have observed the lake for many years. They indicated that Silver Lake has been dry several times and that high runoff events will cause water to backup from Rohr Lake and enter Silver Lake over the Silver Lake spillway. Curt Pankratz provided the following chronology surrounding Silver Lake.

1915 - the drainage ditch to the southeast of Silver Lake was constructed by the PWA.

1916-1917 - the dike was constructed on the northeast side of the lake to increase the water depth.

1947 - the concrete spillway, that exists today, was constructed in the dike.

1958 - the Game, Fish and Parks Department constructed a diversion ditch between Rohr Lake and Silver Lake to increase the amount of water in Silver Lake.

1984 - the GF&P ditch was blocked to prevent outflow of the water from Silver Lake. This plug is approximately one foot higher than the spillway.

1984 - water backed over the Silver Lake spillway with a depth of approximately 2 feet.

Geology

Silver Lake is a kettle lake. Blocks of stagnant glacial ice became isolated from the main ice mass and were buried or surrounded by sediments and formed depressions known as kettles. When the ice later melts, the depressions often fill with water and become lakes and swamps.

Drillers logs from the area aid in identifying the geological characteristics of Silver Lake. The log from Water Rights Division observation well TU82A, located

In Section 30, T100N, R55W, (approximately one half mile north and one half mile east of Silver Lake) shows glacial till to a depth of 268 feet. The log from a test hole located in Section 19, T100N, R55W (approximately one half mile NE of Silver Lake) shows 160 feet of glacial till, and the log from Section 13, T100N, R56W, (approximately one and one half miles north of Silver Lake) shows 145 feet of glacial till. Glacial till, unstratified glacial drift, consisting of clay, sand, gravel and boulders intermingled, forms an impermeable barrier isolating potential aquifers from the surface.

Water Rights

The South Dakota Department of Game, Fish and Parks holds the only water right on Silver Lake. Water license No. 542-3 permits a 100 cfs diversion from Rohr Lake to stabilize the level of Silver Lake. This diversion is accomplished through a canal on the east side of Silver Lake.

Game, Fish and Parks has made application for recognition of a vested water right claim for storage in Silver lake to the outlet elevation of 1435.34 feet msl.

Soils Information

In the hydrologic analysis for Silver Lake, the principal recharge of the lake is in the form of runoff from the 17,094 acre drainage basin. One of the major components when evaluating runoff is the type of soils present in the watershed and lake bed. The soils that comprise the bed of Silver Lake cannot be identified. The four principal types of soil in the drainage basin are the Clarno series, the Hand series, the Tetonka series, and the Worthing series.

Soils in the Clarno and Hand series are soils which are nearly level to gently rolling, loamy soils on uplands. Their permeability is moderate, available water capacities are high, and runoff is slow to medium.

Soils in the Tetonka series are silty soils in closed depressions and in slightly depressed drainageways on uplands. The Tetonka series contains soils with very slow permeabilities and high available water capacities. The runoff is slow and may become ponded on the lower part of the landscape until it evaporates.

Soils of the Worthing series make up only a small percentage of soils in the drainage basin. The soils are typically deep, poorly and very poorly drained, level, clayey soils in closed depressions on the uplands. Their permeabilities are slow and available water capacities are high. Runoff from adjacent soils pond on these soils and remain on the surface until it evaporates.

Hydrology and Water Budget

The surface and ground water hydrology of Silver Lake were evaluated using a water budget analysis. The amount of water entering and leaving Silver Lake can be predicted using the following equation:

$\Delta S = PI + R + GWI - E - GWo - O$

ΔS = Change in lake storage
PI = Precipitation falling directly on the lake surface
R = Runoff contributed to the lake
GWI = Groundwater inflow to the lake
E = Lake evaporation
GWo = Ground water outflow from the lake
O = Surface overflow from the lake

An examination of each equation variable and a description of the impacts each variable has on the lake provide an understanding of the area hydrology. Following is the description of each variable of the water budget equation.

Water In

PI, precipitation falling directly on the lake is multiplied by the surface area of the lake. This gives the volume of water added directly to the lake from precipitation.

The annual precipitation for the Silver Lake area has been collected by the National Weather Service and compiled by South Dakota State University's Agricultural Engineering Department for a 36 year period, 1949-1984, (Graph 1). This annual precipitation was statistically analyzed using the Weibull probability method to determine the probability for annual precipitation accumulations, (Graph 2).

PROBABILITY %	ANNUAL PRECIPITATION (INCHES)
2	33
10	29
20	26
50	22
80	17
95	15

The surface area of Silver Lake ranges from 393 acres at elevation 1431 feet msl to 414 acres at elevation 1,435 feet msl (Graph 3).

R, the runoff into Silver Lake, was calculated using two methods of determining runoff. The drainage basin of Silver Lake mandates that both annual yield and individual runoff events be considered. Silver Lake has a drainage basin of 17,094 acres, of which 1,791 acres contribute directly to the lake at all times, 11,769 acres contribute during high runoff events, and 3,534 acres with deep depressions or negligible slopes contribute water to Silver Lake only with an event similar to the probable maximum precipitation event. The Soil Conservation Service (SCS) method was used for determining annual yield from the directly contributing basin (Graph 4). This method of determining runoff is accurate for determining annual runoff, but it cannot be used for calculating individual runoff events.

The runoff contributed to Silver Lake by the 11,769 acres during high concentrations of runoff was determined by using the SCS method and Cook's method for calculating individual runoff events (Graph 5).

GWi, groundwater inflow to Silver Lake is assumed to be negligible. As was described in the geology section, the lake is underlain with sufficient glacial till to restrict groundwater movement.

Water Out

E, the annual lake evaporation, was determined by evaluating pan evaporation collected by the National Weather Service and compiled by the Ag Engineering Department at SDSU. The pan evaporation was converted into lake evaporation. An attempt was made to determine if a relationship exists between precipitation and evaporation. Evaporation is independent of precipitation (Graph 6). Since no relationship exists an average annual lake evaporation of 37 inches was used in this analysis.

GWo, the ground water outflow from Silver Lake is negligible because of the glacial till underlying the lake.

O, surface overflow from Silver Lake, is the quantity of water that leaves the lake through the spillway or other available outlets once the lake reaches its overflow elevation.

Based on the above discussion the equation can be modified to:

$$\triangle S = PI + R - E - O$$

Based upon the percent chance of occurrence for rainfall and runoff, one can attempt to predict the percent chance of occurrence that Silver Lake will reach its overflow elevation of 1735.34 feet (msl). Evidence from this hydrologic analysis and from local landowners indicate the lake gains water approximately 15% of the time (Graph 7) and gains runoff from the Rohr drainage basin approximately 10% of the time (Graph 8). Based upon the water contributed to Silver Lake, it should reach its outlet elevation about ten percent of the time. A degree of uncertainty does exist about the frequency with which Silver Lake will reach its outlet because there is uncertainty about what size of runoff event will cause the Rohr Lake drainage basin to contribute to Silver Lake. Variations in water velocities and friction losses through the Rohr lake outlet structures make runoff events contribute differently. The Rohr Lake drainage basin contributes to Silver Lake by inletting over the Silver Lake spillway into Silver Lake.

Man-made Influences to Hydrologic Characteristics

Man-made changes that impact the hydrological characteristics of Silver Lake and its drainage basin are:

1. the dike and spillway on the northeast side of the lake (Photo 1)
2. the canals and ditches extending between Rohr Lake and Silver Lake (Photos 2, 3, 4)
3. the earthen plug in the GF&P canal
4. the agricultural drainage ditches that add water to Silver Lake (Photo 5)

The spillway on Silver Lake is the controlling structure for the water levels. The remaining man made structures influence the frequency with which Silver Lake will reach its High WM (Figure 4).

Lake Investigation

Elevation References

Elevations described in this report are referenced to a United States Geological Survey bench mark. The bench mark is located in the southwest corner of section 36, T101N, R55W, 64 feet north and 32 feet east from the crossroads 1/2 mile north of Dolton. It is a standard brass tablet stamped "40 SAN 1961" set at an elevation of 1444.167 feet msl.

Ordinary Low Water Mark Indicators

Insufficient data is available to determine the ordinary low water mark. The lake has not been topographically mapped and without completing an extensive survey of the lake bottom the Low Water Mark cannot be determined.

OHWM Indicators

A. Shoreline Trees

Trees, which are the largest and most permanent expression of upland growth, are used to determine a relationship between the growth characteristics of the trees at various elevations and the High WM elevation. Records of ordinary high water levels are reflected in the well established trees growing along the upper limits of a lake's bed. Cottonwood, ash, and willow are the most predominant trees that grow along the shores of South Dakota's lakes. Research has shown that most trees will not survive if water levels exceed one half to one tree diameter above the base elevation of the tree for more than 25% of the growing season.

B. Tree Categories

The trees along the shoreline of Silver Lake are divided into three cateories:

1. The first category of trees are those where their lakeside base elevation (the elevation where the soil meets the lakeside trunk of the tree) is below the High WM (Photo 6-7). This is apparent in the erosion of the soil and the destruction and decay of the tree which is caused by the zone of soil saturation smothering part of the root system. These trees survive because part of their root system is above the zone of saturation.

2. The second category of trees are those where their lakeside base elevation is from zero to one half foot above the High WM Photos 8-9). These trees show signs of butt swell and erosion. The root system is surfacely exposed and growing away from the lake.

3. The third category of trees are those with a lakeside base elevation approximately one foot above the High WM (Photos 8-9). These trees show lesser degrees of butt swell, little or no root erosion, and some surface roots.

C. Erosions Marks

Consideration must be given to the characteristics of the soil, slope of the ground, and the effects of water and ice on the shoreline and bank.

Erosion marks were found between elevations of 1435.2 and 1436.4 feet msl. Evidence of a cut bank, slope changes in the shoreline, and rocks accumulated along the upper shoreline can be seen in photographs 10-11.

D. Vegetation Changes

The native grass on the upper shoreline quickly changes to a barnyard or quack grass type vegetation on the lower part of the shoreline. This is an indication of the presence of water long enough to kill the native sod grasses and deposit weed seeds at the upper limits of the water surface.

Outlet Structure

The outlet structure is located at the northeast end of the lake. It has an overflow elevation of 1435.34 feet msl. The structure was constructed in 1947 (Photo 1).

Water Level Measurements

In 1983 the Division of Water Rights began measuring lake levels on Silver Lake (Graph 9). At the time of the investigation, the water level was at 1434.48 feet msl.

Conclusion

The hydrological analysis indicates that the lake should reach the High WM with a 10% frequency. The physical features on the lake such as erosion lines between elevations 1435.2 feet msl and 1436.4 feet msl, vegetation changes at elevation 1435.56 feet msl and 1435.92 feet msl, and exposed roots and water marks on trees at elevations from 1435.5 feet msl to 1435.8 feet msl all act as indicators for determining the Ordinary High Water Mark. Based upon the evidence available, the Ordinary High Water Mark has been determined to be at an elevation of 1435.7 feet msl.

Report Prepared By

Kent Buhler
Natural Resources Engineer

Greg Powell
Natural Resources Engineer

Recommendation of Chief Engineer

1. That the Ordinary High Water Mark for Silver Lake be established at an elevation of 1435.7 feet msl.

2. That the outlet elevation be recognized at 1435.3 feet msl.

3. That Vested Water Right Application No. 5073-3 be recognized for Silver Lake with an outlet elevation of 1435.3 feet msl.

John Hatch, Chief Engineer
Water Rights Division

Bibliography

Agricultural Engineering Records and Files, Precipitation and Snowfall Records for Bridgewater, Ag Engineering Dept., South Dakota State University, Brookings.

Division of Water Rights, Well Logs and Files, Dept. of Water and Natural Resources, Foss Bldg., Pierre, South Dakota

Midwest Plan Service, Livestock Waste Facilities Handbook, Agricultural Engineering Extension, 1975

Schwab G.O., Frevert R.K., Edminster T.W., Barnes K.K., Soil and Water Conservation Engineering, Second Ed., John Wiley, Inc., 1966

Soil Conservation Service, U.S. Dept. of Agriculture, Soil Survey of Hanson and Hutchinson Counties, August 1978

Soil Conservation Service, U.S. Department of Agriculture, South Dakota Engineering Field Manual for Conservation Practices, Chapter 2, EFM Notice-1, 969

Spuhler W., Lytle W.D., Moe D., Climate of South Dakota, Bulletin 582, 1971, Agricultural Experiment Station, South Dakota State University, Brookings.

Walpole R.E., Myers R.H., Probability and Statistics for Engineers and Scientists, Second Ed., Macmillan Publishing, 1978

Persons and Agencies Referenced

Agricultural Stabilization and Conservation Service, Parkston

Duchossois, George, S.D. Geological Survey Division, Vermillion

Ensz, Roy, Local landowner, Freeman

Hofer, Merlin, Local landowner, Freeman

Jensen, Debra, Freeman Public Library, Freeman

Pankratz, Curt, Local landowner, Freeman

Soil Conservation Service, Huron

Soil Conservation Service, Mitchell

Soil Conservation Service, Olivet

Ullery, Charles, Agricultural Engineering Dept., South Dakota State University, Brookings

Waltner, Ted, Local landowner, Freeman

Appendix A

Silver Lake Data

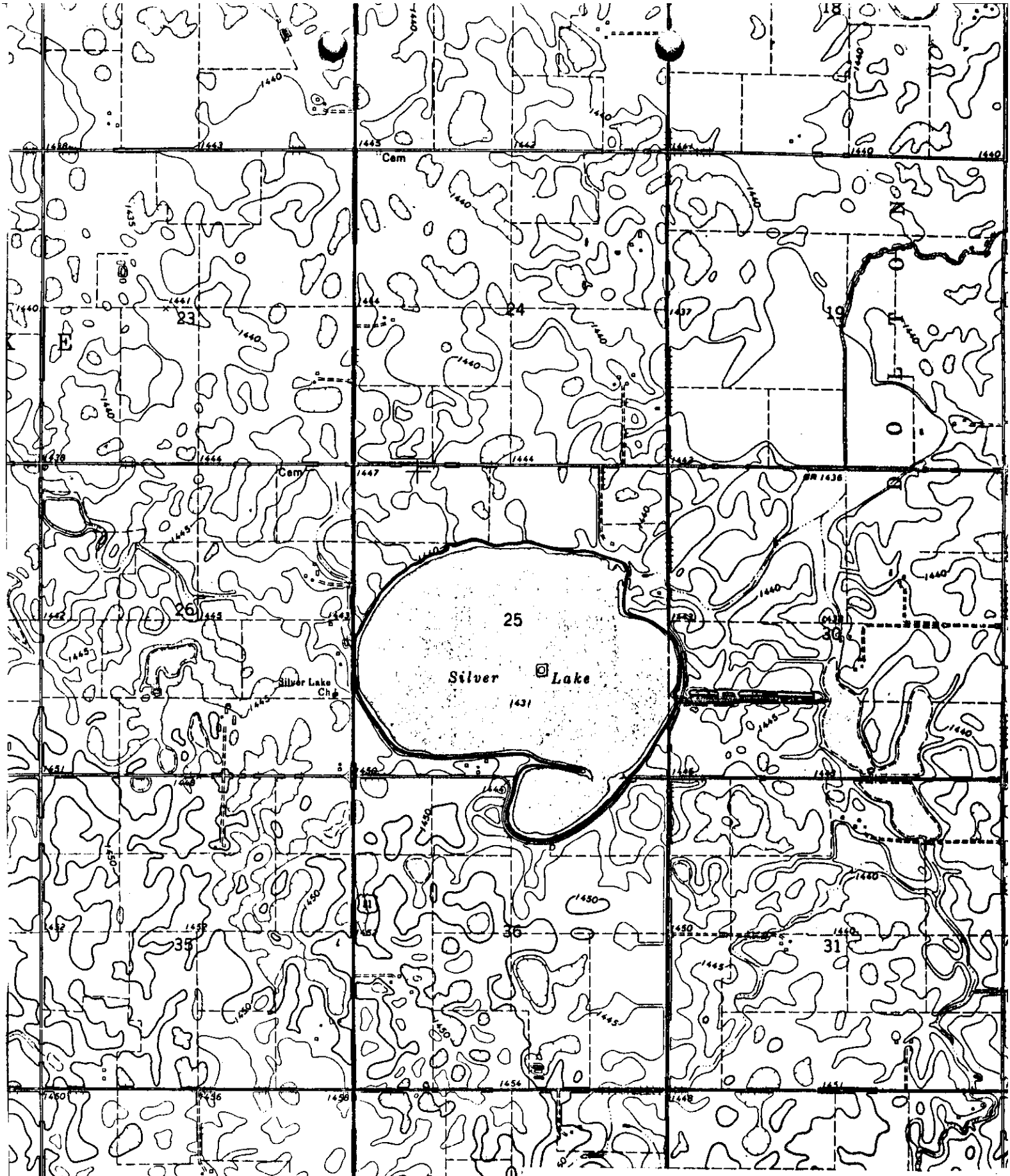
Silver Lake Area	393 Acres
Watershed Area (Total)	17,094 Acres
Contributing	1,791 Acres
Contributing during high runoff events only	11,769 Acres
Contributing during Possible Maximum Flood Events	3,534 Acres
Aquifer Connection	NONE
Outlet Elevation	1435.3 feet msl
High WM Elevation	1435.7 feet msl
Water Rights	No. 542-3

Held by South Dakota Department of Game, Fish & Parks

Silver Lake Water Quality Analysis

Fecal Coliform	<10/100	ml
Conductivity @ 25 C	816	Micromho
Lab pH	8.8	SU
Alkalinity (P)	17.6	mg/l
Alkalinity (T)	204	mg/l
Total Solids	628	mg/l
Total Dissolved Solids	562	mg/l
Total Suspended Solids	66	mg/l
Hardness - $CaCO_3$	363	mg/l
Ortho PO_4-P	.104	mg/l

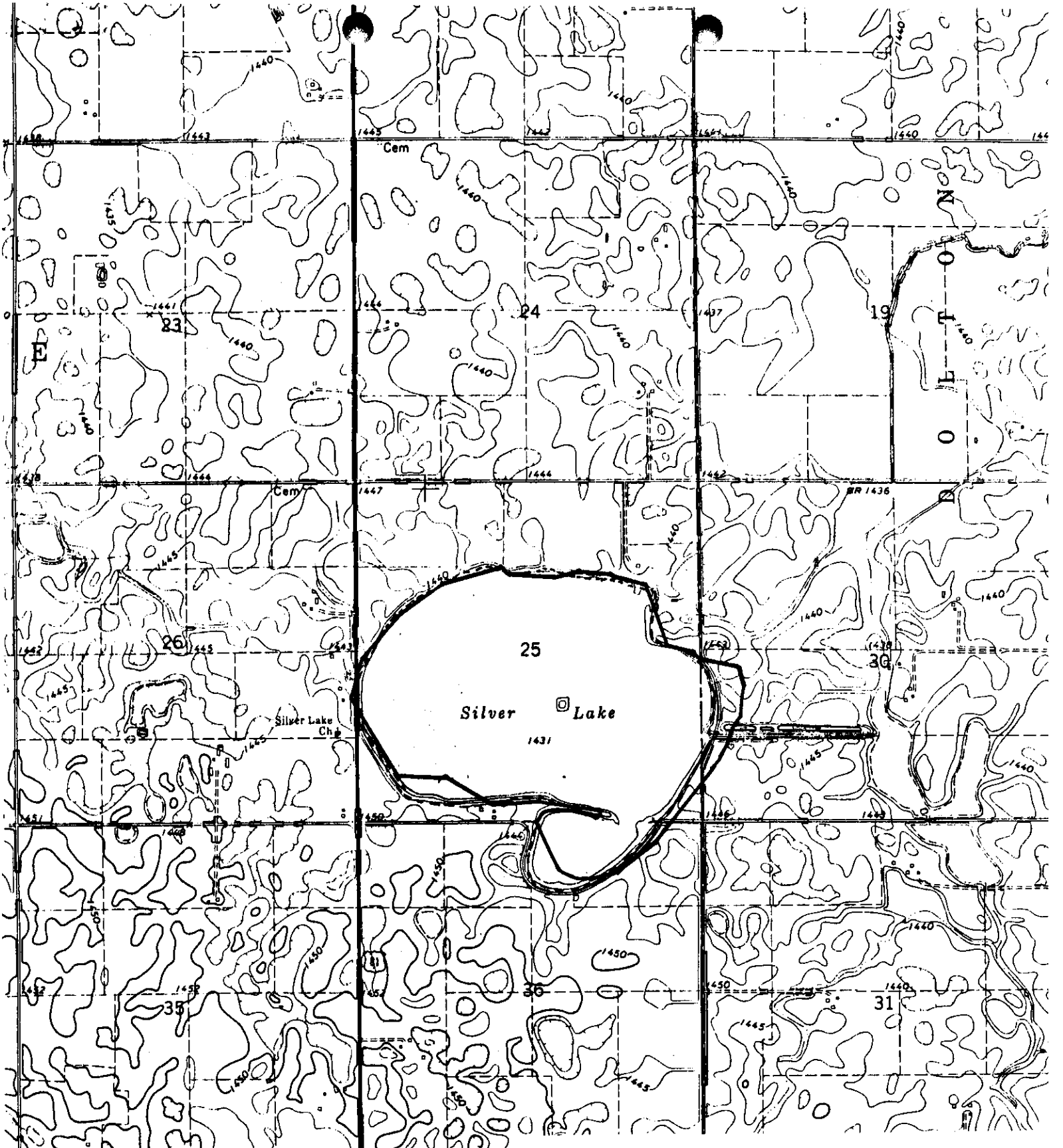
C80102GP.WR



ELEVATION OF THE ORDINARY HIGH WATER MARK
for

SILVER LAKE

FIGURE 1

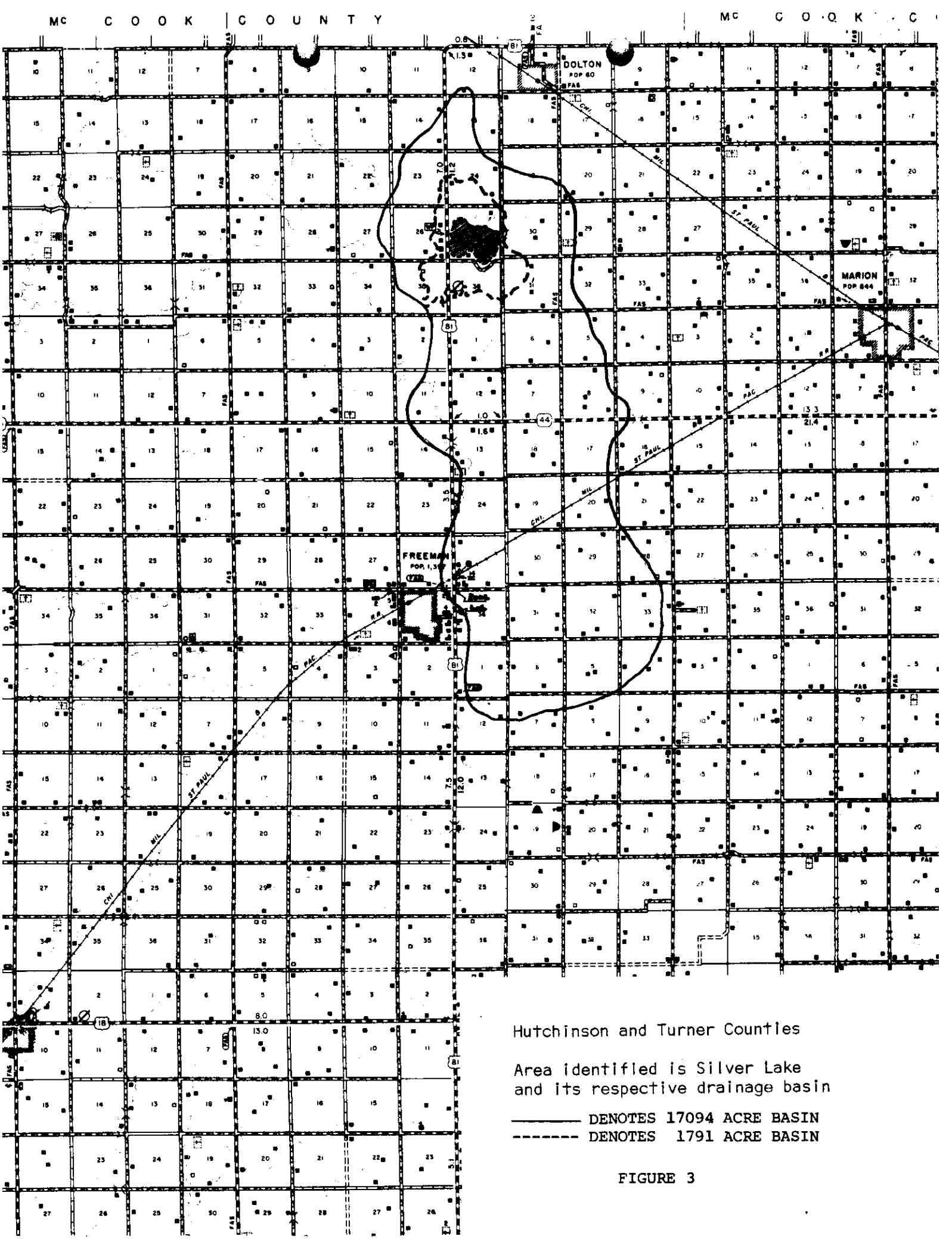


ORDINARY HIGH WATER MARK: --------

MEANDERLINE ELEVATION : _____

FOR SILVER LAKE

FIGURE 2



Hutchinson and Turner Counties

Area identified is Silver Lake and its respective drainage basin

——— DENOTES 17094 ACRE BASIN
------- DENOTES 1791 ACRE BASIN

FIGURE 3

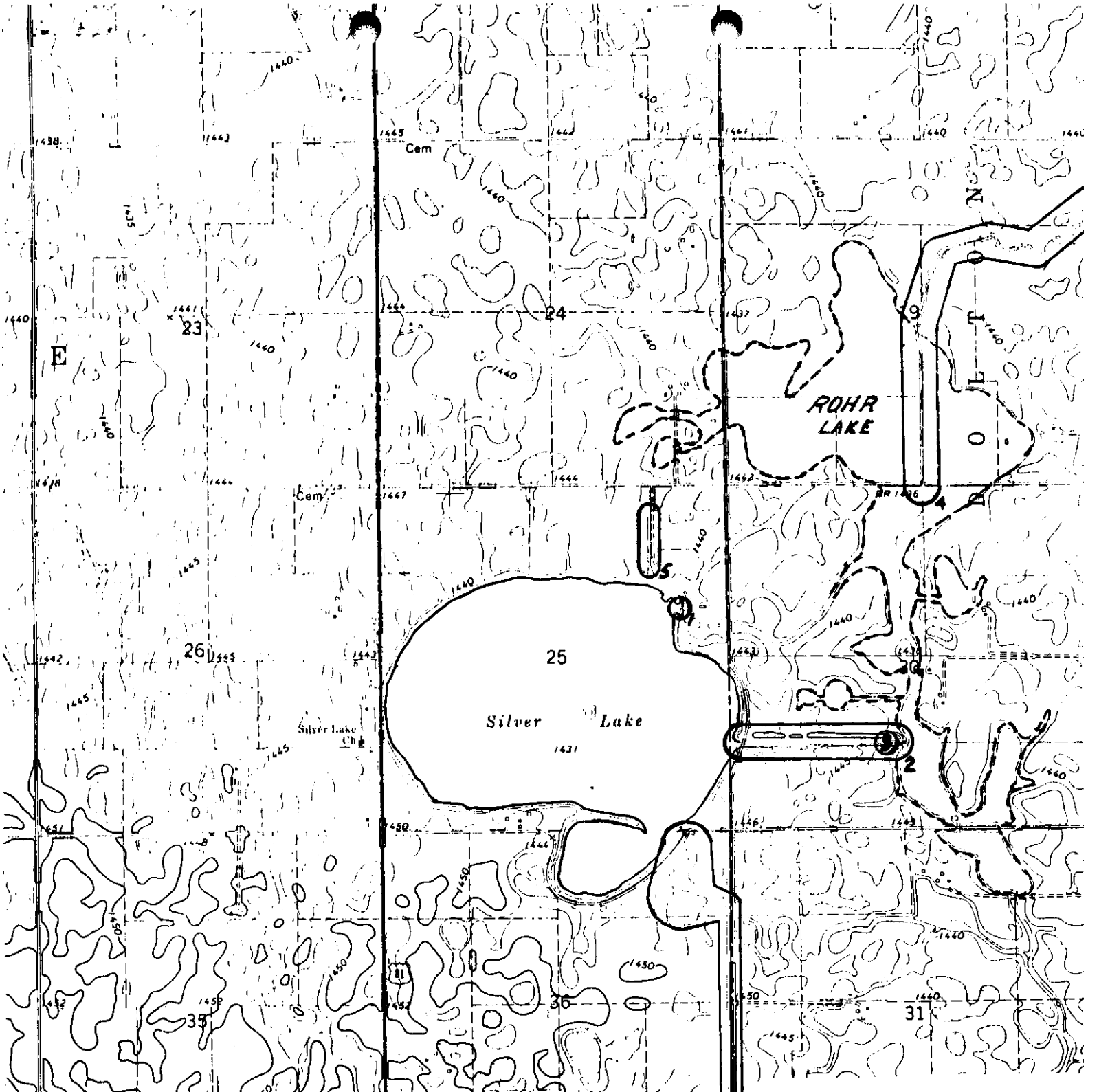
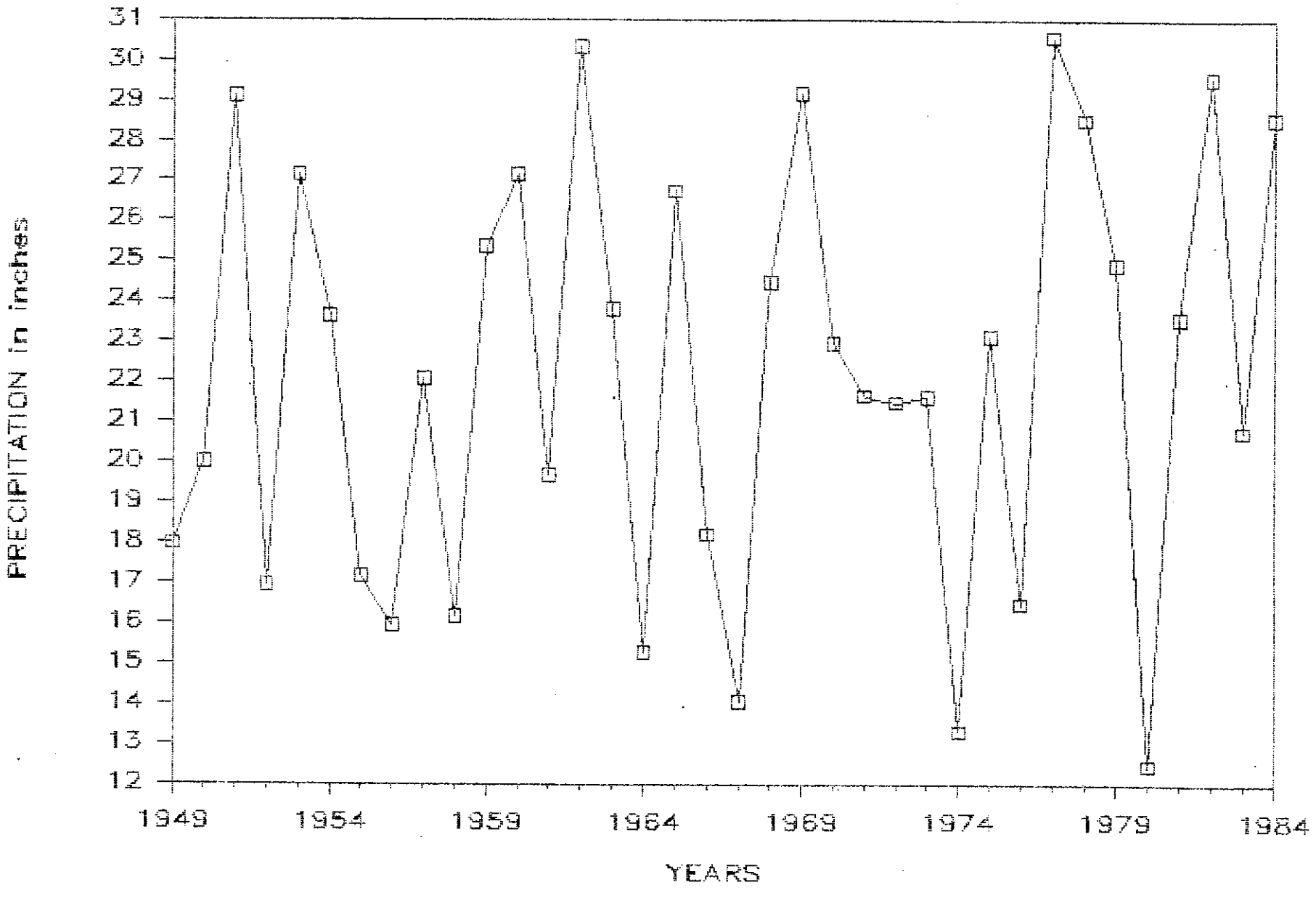


FIGURE 4

SILVER LAKE AND ROHR LAKE

Man-Made Constructions:

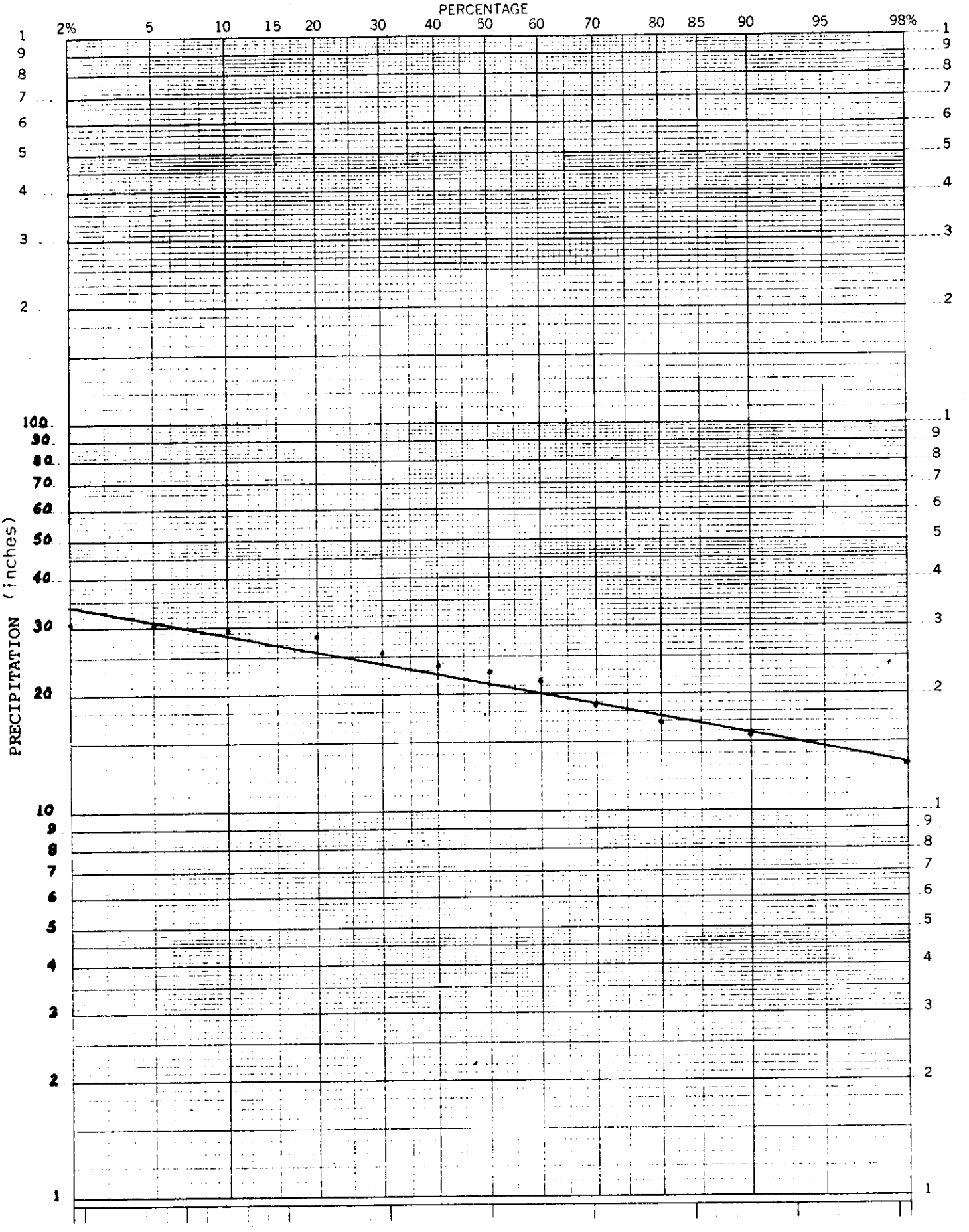
1. Spillway
2. Drainage Ditch from Rohr Lake to Silver Lake
3. Earthen Plug in GF& Canal
4. Rohr Lake Drainage Ditch
5. Drainage Ditch to Silver Lake


YEARS vs.PRECIPITATION
PRECIPITATION in inches
31
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
12
1949
1954
1959
1964
1969
1974
1979
1984
YEARS

GRAPH 1

GRAPH 2

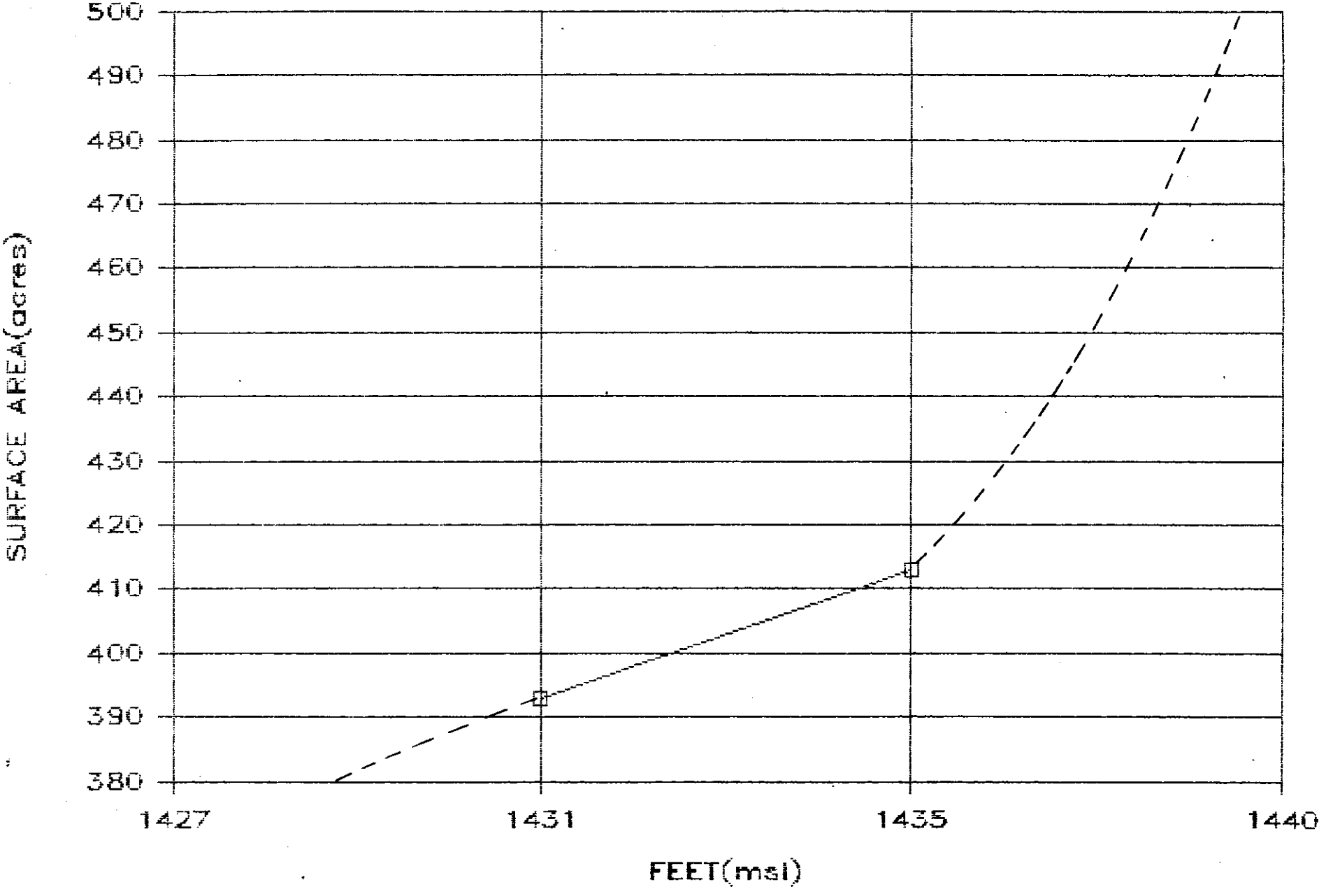
ANNUAL PRECIPITATION PROBABILITY



46 8082

K&E PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO.

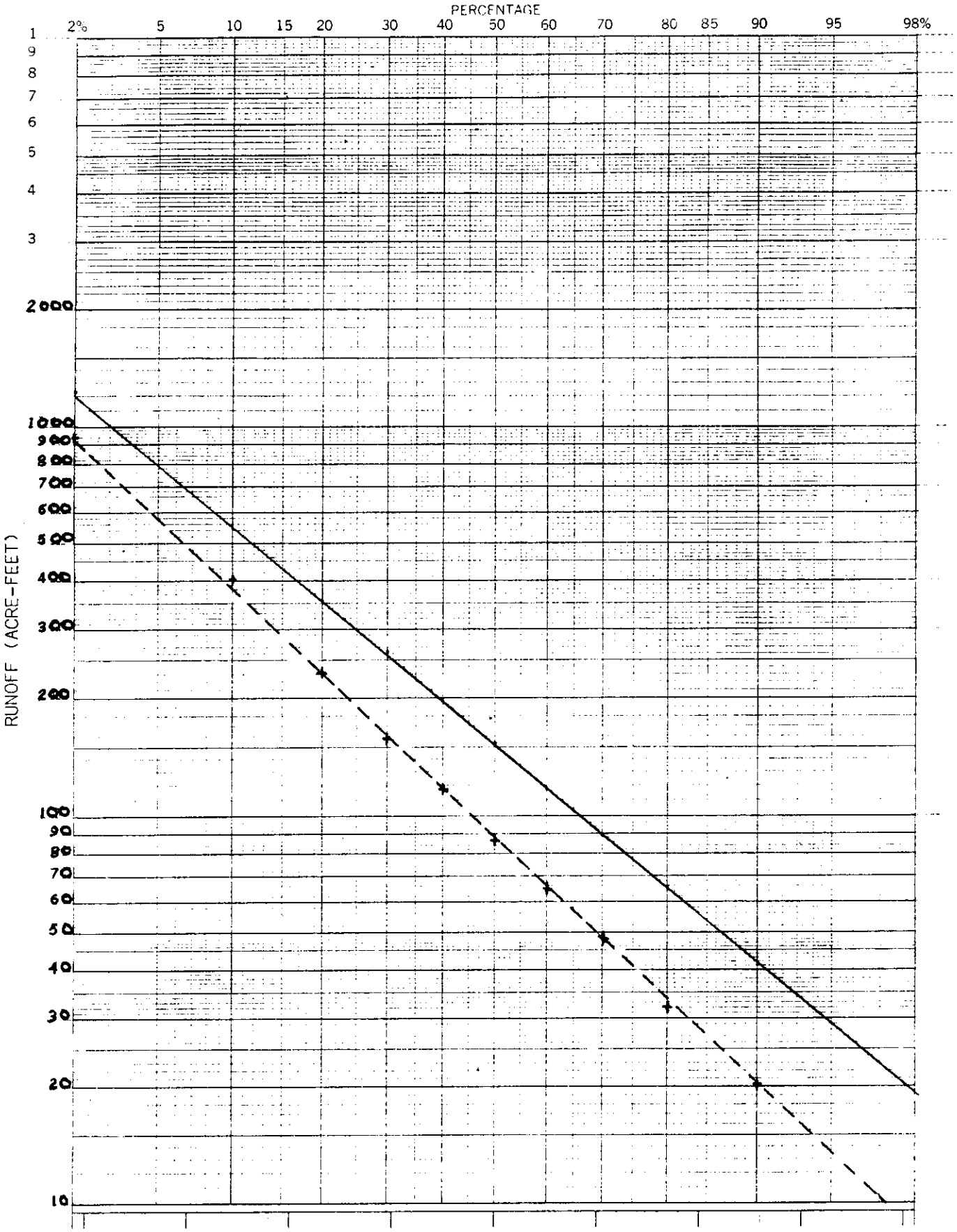
SURFACE AREA vs. ELEVATION



GRAPH 3

GRAPH 4

PROBABILITY OF ANNUAL RUNOFF FROM THE 1791 AC. BASIN



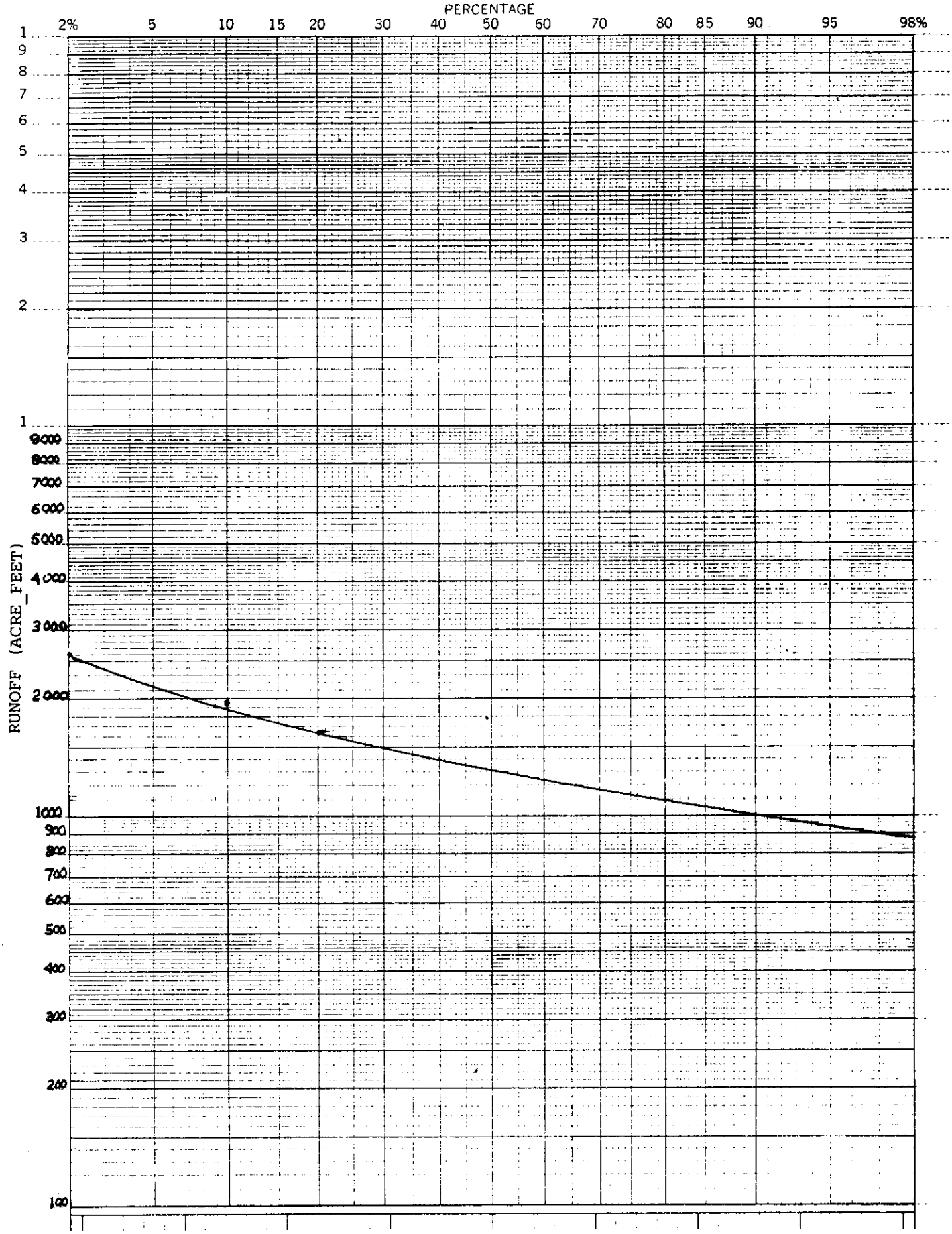
Soil Classification from SCS Handbook

46 8082

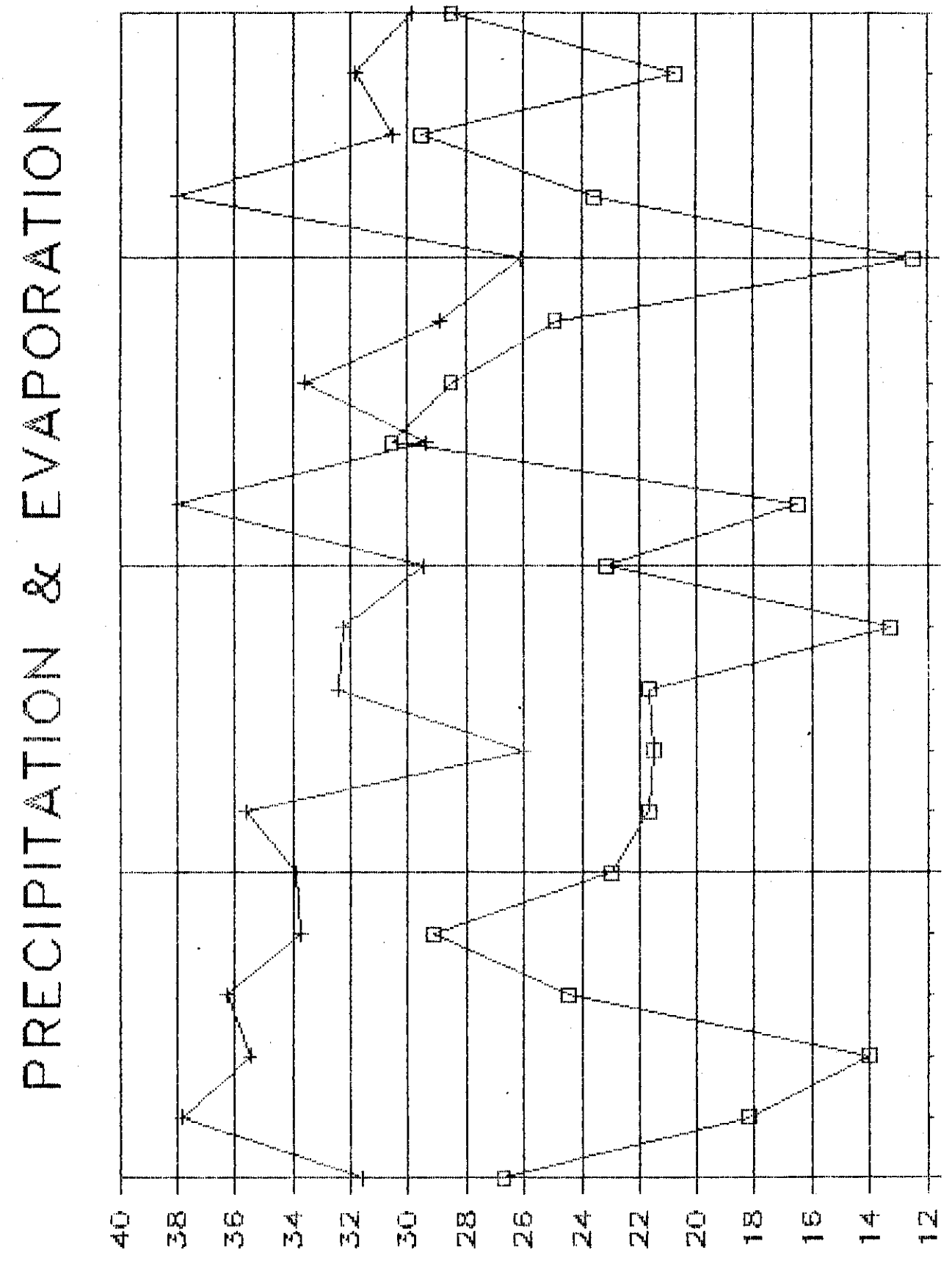
K+E PROBABILITY X 5 LOG CYCLES
KEUFFEL & ESSER CO

GRAPH 5

PROBABILITY OF AN INDIVIDUAL RUNOFF EVENT
FOR 11769ac. BASIN

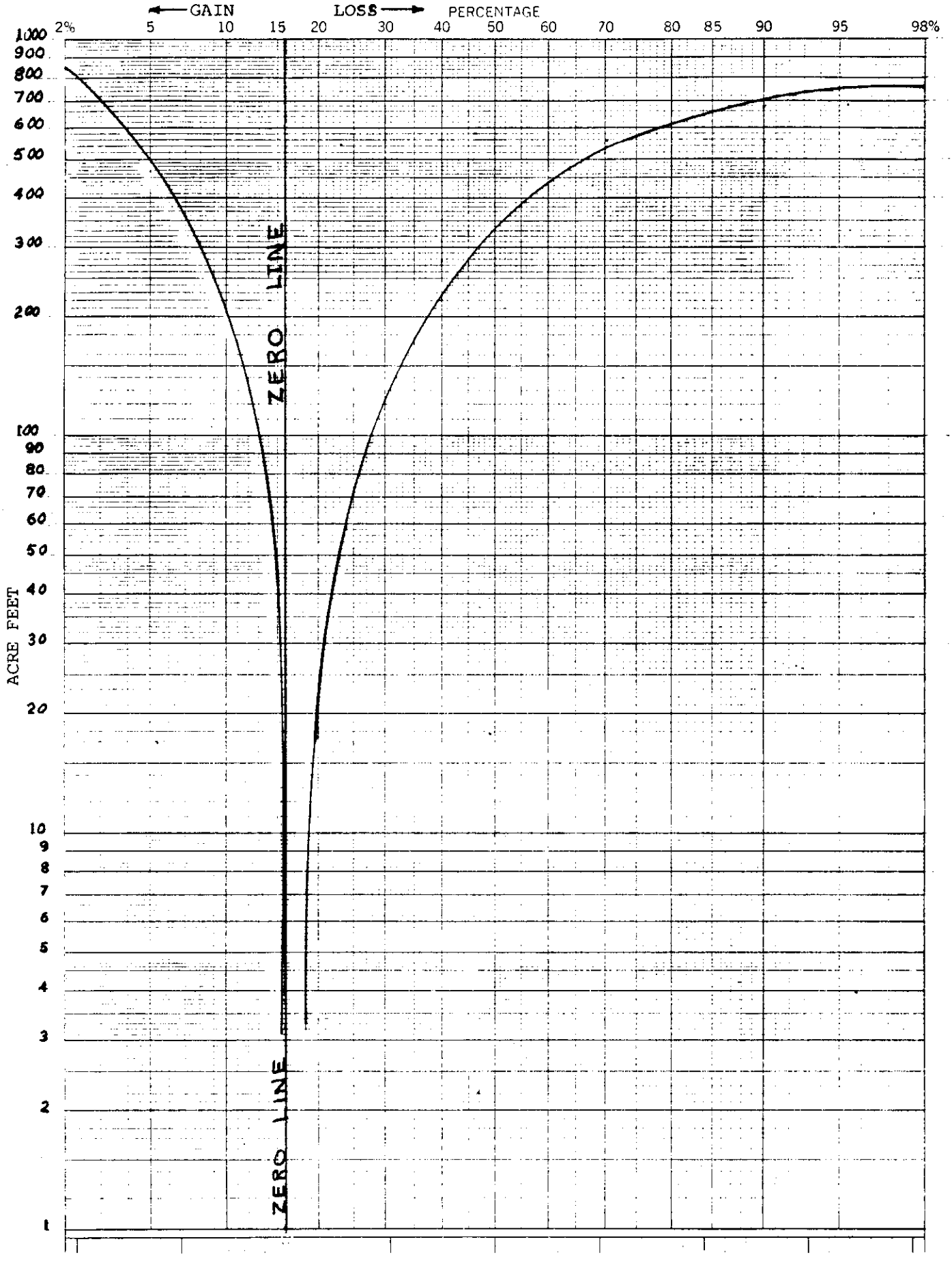


PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO


PRECIPITATION & EVAPORATION
INCHES
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
1965
1970
1975
1980
YEARS
□ PRECIPITATION
+ EVAPORATION

ANNUAL PERCENT OCCURANCE OF CHANGE IN STORAGE FROM 1791 ACRE WATERSHED

GRAPH 7

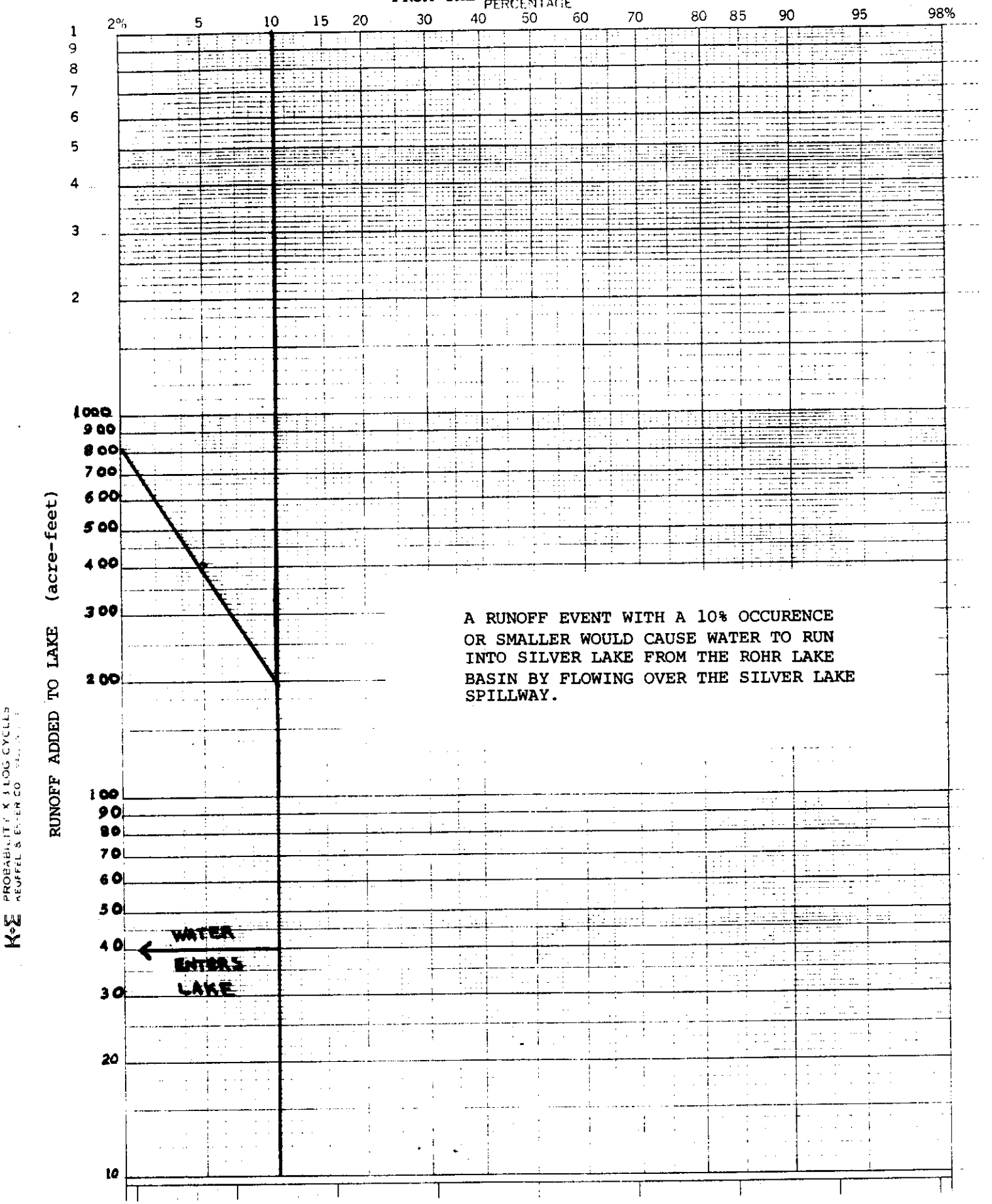


PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO.

GRAPH 8

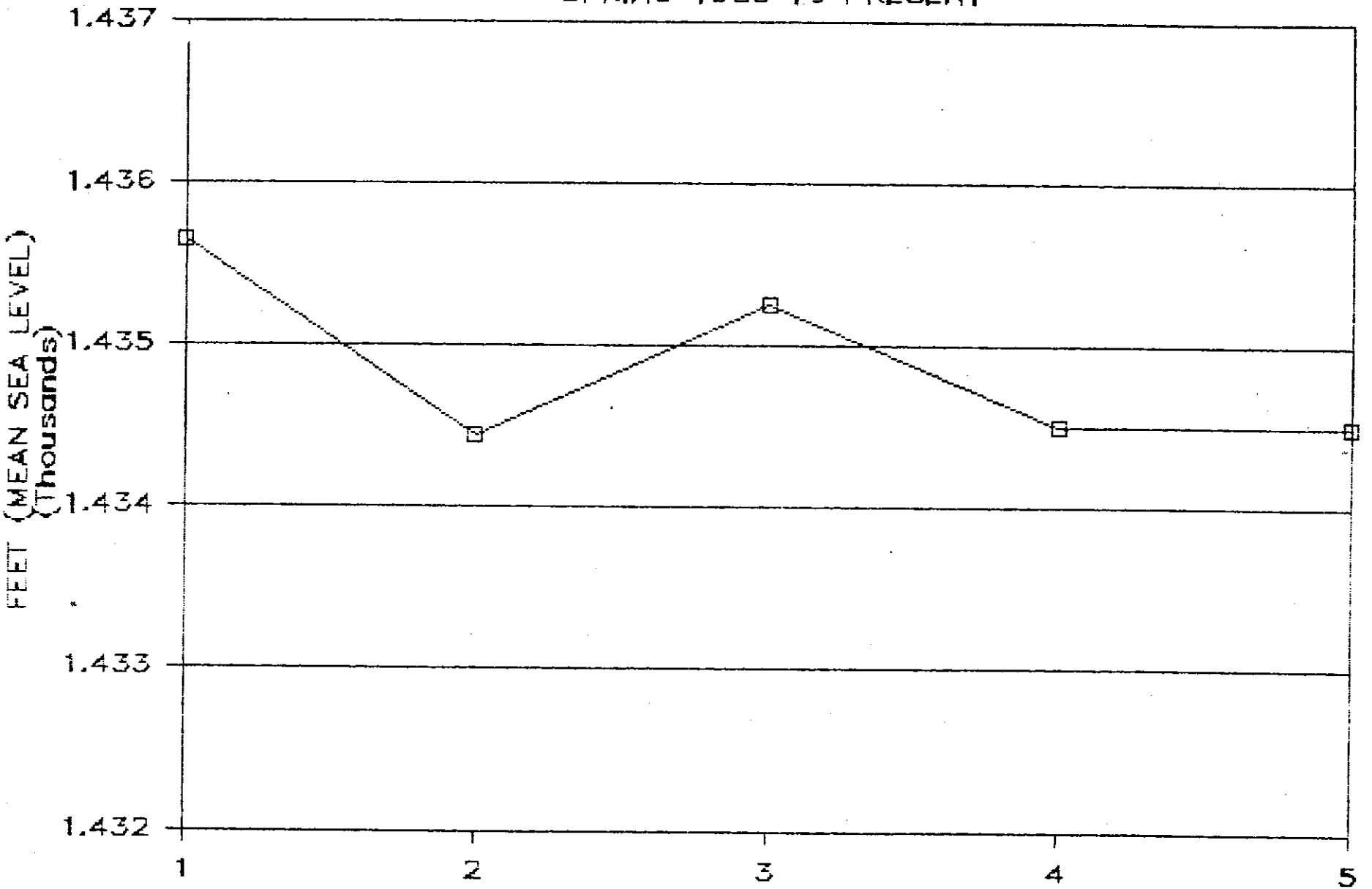
WATER ADDED TO SILVER LAKE BY AN INDIVIDUAL RUNOFF EVENT

FROM THE 11,769 ACRE BASIN



WATER SURFACE ELEVATION MEASUREMENTS

SPRING 1983 TO PRESENT



1. Spring 1983
2. 10/27/83
3. 4/15/84
4. 10/11/84
5. 7/17/85

GRAPH 9

Appendix D

Outlet Structure

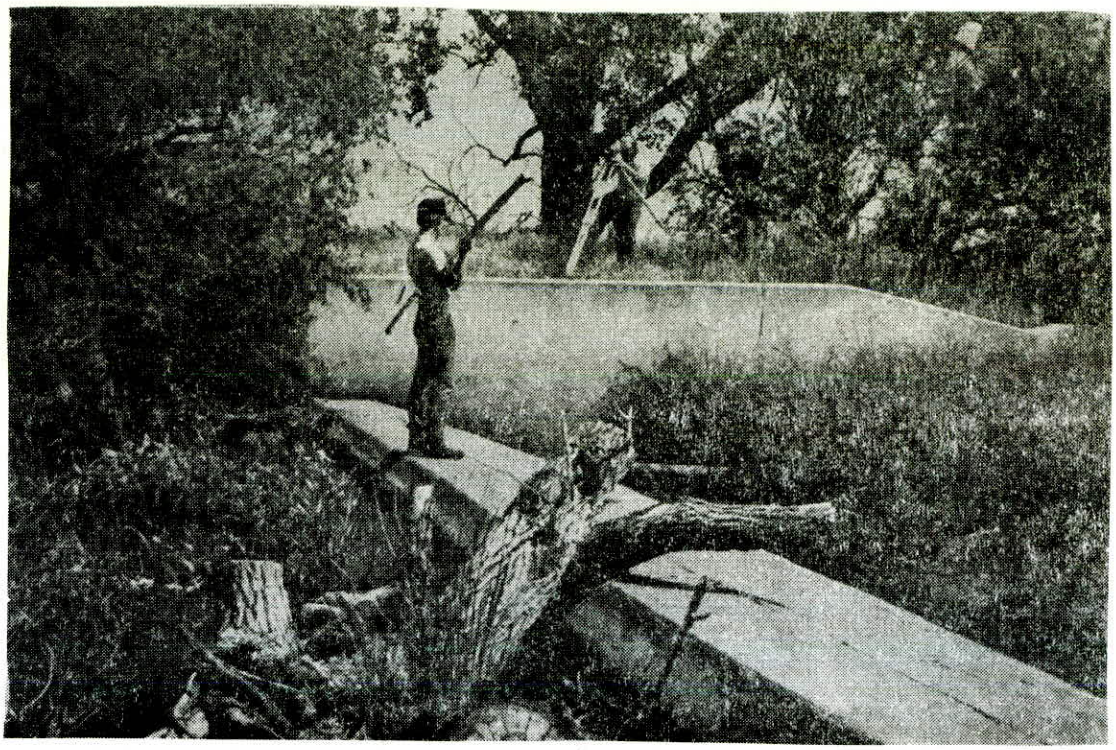


Photo No. 1 : Outlet Structure -- Constructed 1947 - Elevation 1435.34 feet msl

Drainage Ditches and Canals Extending Between Rohr and Silver Lake

Photo No. 2 - Spillway outlet and natural drain between Rohr and Silver Lake

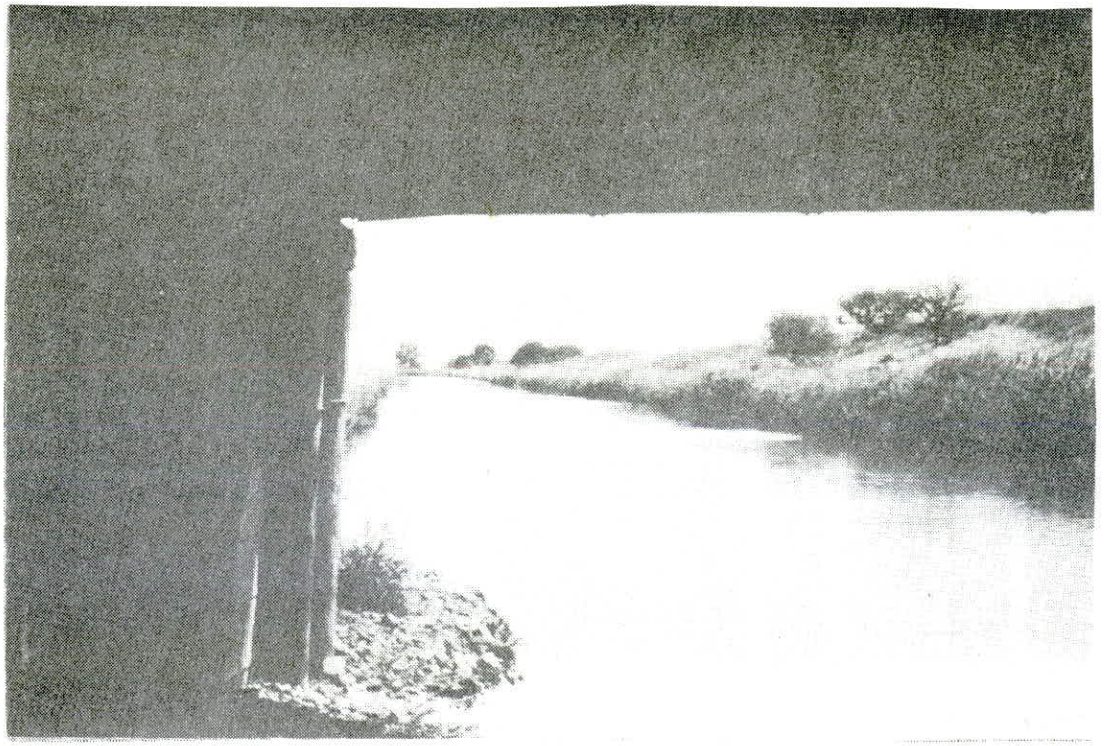


Photo No. 3 - S.D. Department of Game, Fish & Park's canal connecting Rohr Lake and Silver Lake

Drainage Ditches Between Rohr and Silver Lake (cont.)

Photo No. 4 Man-made ditch extending between Rohr Lake and Silver Lake

Agricultural Drains

Photo No. 5: Description: Drainage ditch on south side of lake

Trees Growing At or Above High WM

Photo No. 8 Description: Cottonwood butt swell and exposed roots on south side of lake - elevation 1435.55 feet msl

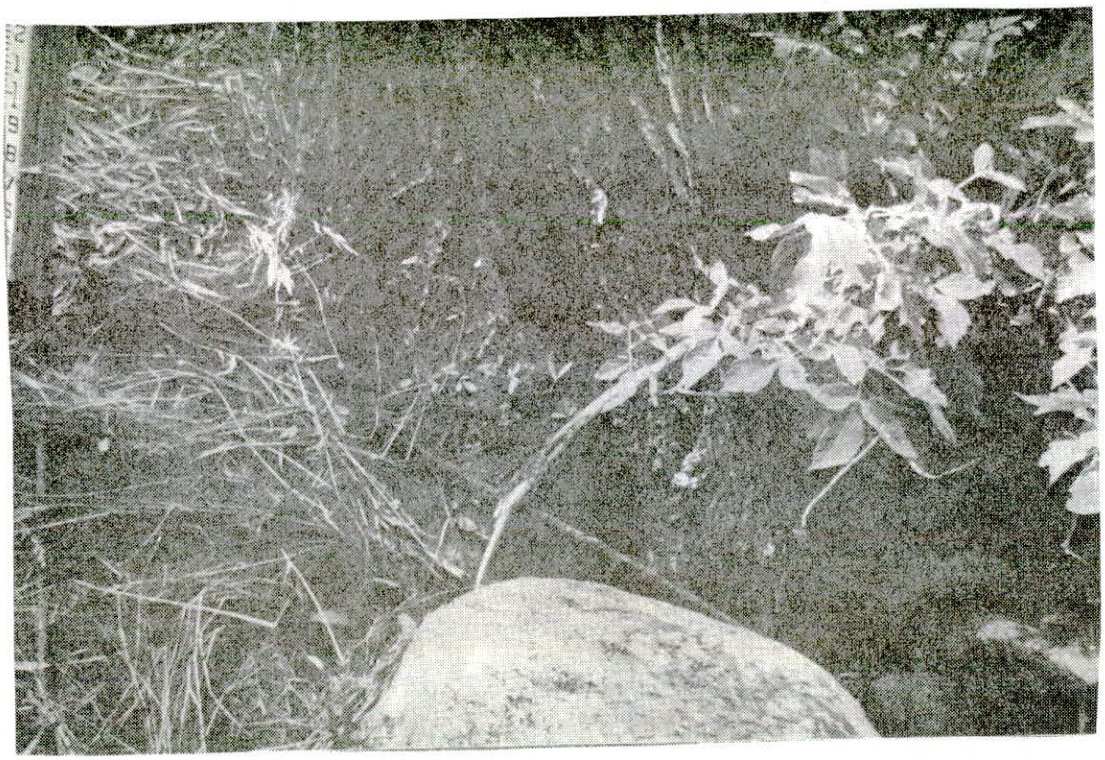


Photo No. 9 Description: Elm Dia. 1.8' on south side of lake - Lakeside elev. 1435.99 feet msl - Landside elevation 1437.78 feet msl

Trees Growing Below the High WM

Photo No. 6 Description: Cottonwood Dia. 2.2 feet on south side of lake - Water Mark Elevation 1435.8 feet msl

Photo No. 7 Description: Dead Cottonwoods Dia. 1.4, 1.9, 2.1, 1.7, 1.5 on east side of lake - Water Mark Elevation 1435.7 feet msl

Shoreline Indicato.

Photo No. 10 Description: Exposed rocks - north side of lake - Base elevation of rock 1435.43 feet msl

Photo No. 11 Description: Cutbank on east side of lake - Base elevation 1435.44 feet msl - Top elevation 1439.32 feet msl

AGENDA

WATER MANAGEMENT BOARD MEETING

OCTOBER 16, 1985

Place: Nebraska Room, Howard Johnson's, 3300 W Russell, Sioux Falls SD

Wednesday, October 16, 1985

8:30 am	Call to Order Approval of July 10 & 11 and August 12, 1985 minutes Set March 1986 meeting place and date (March 5 & 6 in Pierre suggested) Status and review of water rights litigation
9:00 am	Administer Oath to the Water Rights Staff Cancellation Considerations Extension of Time Requests Well Construction Variances New Well Construction Rule Discussion
10:00 am	Introduction of Water Rights Staff, Board, Legislative Oversight Committee Consideration of New Permit Applications Vested Right Consideration, Application No. 5073-3, Dept. of Game, Fish & Parks
10:15 am	Cancellation Considerations advertised in Harding, Butte and Lawrence Counties
12:00 noon	Lunch
1:15 pm	OHWM Hearing for Silver Lake - Hutchinson and Turner Counties
2:00 pm	Request for water quality variance for fish eradication in Staum Dam, Beadle County
	Adjourn

REDUCTION 8 ROLL NO. DATE MICROFILMED CAMERA OPERATOR

Water Right Filing No. 0405-1, was filed by Alva Young etal.

Location Notice No. 350-1, was filed by Floyd Cook.

Location Notice Nos. 611-1, 612-1, 613-1, 614-1, and 615-1, were filed by Dennis Henault.

Water Right Filing No. 017-1, filed by J.B. Austin.

Water Right Filing Nos. 018-1, 019-1, 020-1, and 021-1, were filed by W.L. Austin.

Water Right Filing Nos. 076-1 and 077-1, were filed by R.L. Chuning.

Water Right Filing No. 0125-1, was filed by C. R. Evans etal.

Water Right Filing No. 0235-1, was filed by David M. Martin.

Water Right Filing No. 0284-1, was filed by Thomas D. Pryor.

Location Notice No. 181-1, was filed by John Ornat.

Location Notice Nos. 214-1 and 215-1, were filed by Thomas P. McCharlin.

Mrs. Gunderson MOVED, SECONDED by Mr. Waldner that Water Right Filing and Location Notice Nos. 0157-1, 0307-1, 0308-1, 0316-1, 0368-1, 0371-1, 0375-1, 0404-1, 0405-1, 350-1, 611-1, 612-1, 613-1, 614-1, 615-1, 017-1, 018-1, 019-1, 020-1, 021-1, 076-1, 077-1, 0125-1, 0235-1, 0284-1, 181-1, 214-1 and 215-1 be CANCELLED. MOTION CARRIED.

Mr. Larson stated the two permits up for cancellation for Rubendall Land Company which were not acted upon earlier could be considered at this time, since the Rubendalls's did not appear to state their concerns.

Water Permit Nos. 1914-3 and 1915-3, were filed by Rubendall Land Company and have not been constructed.

Mr. Harms MOVED, SECONDED by Mr. Waldner that Water Permit Nos. 1914-3 and 1915-3 be CANCELLED as recommended by staff. MOTION CARRIED.

Meeting recessed at 11:30 a.m.
Meeting reconvened at 1:15 p.m.

ORDINARY HIGH WATER MARK - SILVER LAKE

A copy of the report prepared by staff was passed out (copy on file). Chairman Arend stated the Board would recess for a few minutes to review the report.

Mr. Hatch stated he had two corrections to the report. On page 5, middle of the page, 1915 should be 1933 and 1984 should be 1983.

Meeting recessed at 1:20 pm.
Meeting reconvened at 1:30 pm.

REPRODUCTION REDUCTION 2551 ROLL NO 1 DATE MICROFILMED CAMERA OPERATOR

Mrs. Gunderson again stated she would abstain from discussion and voting on the Ordinary High Water Mark (High Wm) for Silver Lake for the same reason as stated previously.

Mr. Hatch stated the report was prepared and the investigation was conducted by Greg Powell and Kent Buhler. There have been many manmade changes in the area where Silver Lake is located. Calculations were done on the hydrology and water budget. The calculations were completed to compare with actual tree line elevations and physical characteristics around the lake. The calculations indicate that about 10% of the time, the water level would come up to the spillway elevation and cause the High WM. The High WM is substantiated by the physical characteristics that were found around the lake shoreline, trees, erosion marks, and vegetation changes. The calculations were also done because water level measurements are available for just the past two or three years. The map in the back of the report shows all of the features that we're discussed this morning. The staff recommendation is that the ordinary high water mark be established for Silver Lake at an elevation of 1435.7 feet msl and that outlet elevation be 1435.34 feet msl.

In answer to a question from Mr. Walter, Mr. Powell stated there is usually no water in Rohr Lake. Mr. Powell stated, in answer to a question, from Mr. Rickenbach that in 1916-17, the dike was built with a height of approximately eight feet. The 1431 elevation was a lake level. The bottom of the lake is approximately 8 to 9 feet lower.

Mr. Koth representing Game, Fish and Parks stated he did not wish to make any comments.

Mr. Blackburn stated he was representing Ted and Murray Waltner.

Mr. Powell stated there was no water in Rohr Lake because it was drained out through the Rohr Ditch. Referring to Exhibit 1A, Mr. Powell stated they did not take an elevation on the east end of the diversion ditch.

Mr. Blackburn stated that the east end of the diversion ditch is two and one half feet lower than spillway.

Mr. Powell stated he did not know if Exhibit 1A was a proposed blue print for the construction of the ditch or a correct elevation of the ditch as it was in 1956.

Mr. Blackburn stated Photo No. 7 of the High WM report shows dead cottonwoods which are almost two feet thick. Having the definition of the High WM mark in mind as stated on page 4 of the report, Mr. Blackburn suggested that trees do not grow up to two feet in diameter below the High WM. Trees that stand in water 25% of the time will be killed. They suggest that you do not get trees below the High WM to grow up to 2 feet in diameter. It is difficult for the Waltner's to restrict their discussion to High WM without getting into other issues. They feel that it all ties in. The lower elevation at the east end of the diversion ditch being two and half feet below the spillway, gets back into the discussion of this morning. If you are going to keep water at spillway height without the block in the ditch you can not do it because it will run back out. Mr. Blackburn stated that the application for High WM today is not limited to that. The High WM as advertised reads "A public hearing will be held by the

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Water Management Board to consider establishment of an ordinary high water mark and outlet elevation." That is the reason the Waltner's are here. They are concerned with that outlet elevation.

Chairman Arend stated the outlet elevation is a part of the proceeding, and is at its current location.

Mr. Blackburn stated the Waltners are suggesting that if it is that high at the spillway, without the block, water will run out the diversion ditch.

Chairman Arend stated the Board is not talking about removing the block.

Mr. Blackburn stated there is no establishment of the block. If the block comes out, the water backs up. Mr. Blackburn stated he realized there was no application before the Board to consider the block, but when they are discussing all of the issues, the High WM and the vested water right they can not haruly consider the block. The people want the block. If the block is removed either naturally or unnaturally the water will come back on them if the Board establishes a High WM.

Chairman Arend questioned how the block would be removed, if it is in place and has been and everyone is happy with it.

Mr. Blackburn stated that Game, Fish and Parks have talked about some plan with Ducks Unlimited. They do not know what their plans are. Mr. Blackburn stated they felt the block could be removed at any time because the block is not established as record. A game group put the block in. Mr. Koth had stated earlier that Game, Fish and Parks did not even know the block was in there. The people of the area want it established as record so some person or agency does not go out and remove it.

Mr. Hatch stated if somebody would come in now requesting a blockage in there, if the purpose was for flood control, it would be looked at as a flood control permit application. The blockage in the ditch has nothing to do with the outlet elevation. There would be nothing to prevent an application from being made for a permit to install it.

Mr. Guhin stated there is a flood control process.

Mr. Guhin stated he felt that the plug was illegal.

Mr. Hatch stated yes it is.

Mr. Walter stated there would be nothing to stop Game, Fish and Parks from taking the block out, except that it would lower the lake level.

Mr. Hatch stated there would be nothing to stop them from taking it out because the original permit was only for construction of the canal.

Mr. Walter stated he would be reluctant to set the High WM until there is some permanent protection there.

Chairman Arend suggested qualifying the water right to require that a permanent block be constructed.

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Mr. Powell stated the canal can act as an inlet and outlet, but the spillway can also. If the Game, Fish and Parks canal is functioning, the water can run in the canal and be outletting out the spillway. Once the water stops coming in through the Game, Fish and Parks canal and it stops overtopping the spillway, then it can drain back out the Game, Fish and Parks canal. Once the water is over the spillway, there is a natural depression for a quarter of a mile and then it enters a ditch.

In answer to a question from Mr. Harms, Mr. Powell stated that the block is not authorized by the Game, Fish, and Parks water right.

Murray Waltner stated the block was put in 1983.

Mr. Blackburn presented Exhibit No. 18, which Mr. Waltner stated was a photo taken in April, 1984 showing the water in the diversion ditch when it was 14 inches over the spillway. It shows the water backing up onto their property. This is not the Rohr Lake bottom. It is prime agriculture land which drains naturally into the diversion ditch. The picture is on the west side of the block which is in the ditch. The upper part of the picture shows the draining of the diversion ditch. It is supposed to drain into the diversion ditch, but when it reaches this high level it backs onto his land. His land ordinarily totally drains. The water that backs up from the diversion ditch or canal creates a lake on his prime agricultural land. Mr. Waltner showed the area on the map. Mr. Waltner stated at the time the picture was taken, Exhibit No. 18, the water was 14 inches over the spillway. He could not tell if the water was moving in or out of the lake. At the block, the water is coming from the south. It comes into the diversion ditch and is actually going to the block and into the diversion ditch and backs up on his land.

Mr. Blackburn questioned if the water quit coming in from the east or the Rohr Lake side, and the water is at the high level, because the east end of the diversion ditch is lower, Silver Lake then drains on the old Rohr Lake bed. Mr. Waltner stated yes. He indicated it on the map. The Rohr Lake Bed is on Mr. Waltner's land.

Mr. Waltner stated in the petitions that were filed in 1915 it stated that when Rohr Lake was drained, agriculture land was deemed tillable and taxed accordingly.

After some discussion, Mr. Harms MOVED, SECONDED by Mr. Walter that the High WM for Silver Lake be established at an elevation of 1435.7 feet msl and the outlet elevation be established at 1435.3 feet msl.

Mr. Blackburn stated the Waltner's still have the same fears that the High WM is being established several inches above the spillway height. Testimony shows that the level of the ditch is almost two and one half feet below spillway level. It creates a dangerous trend to establish an High WM that much higher and the water will drain back on the Waltner's and others.

Mr. Harms explained that the High WM is not the lake elevation. It is the result of wave action. It does not mean to imply that every year the wave action will get to that elevation.

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Mr. Blackburn stated he and his clients are aware of that, as long as it does not establish other rights. They are not riparian owners. They do not own any land adjacent to the lake. As far as, the High WM is concerned that issue in it self does not legally concern them, only as it relates to the rest of the issues.

Mr. Powell stated a lot of thought went into the report because of the plug in the diversion ditch. They considered it two ways; if the Game, Fish and Parks ditch did not exist, and the way it exists now with the plug in it. The purpose of the hydrologic analysis was to prove that water can enter the lake and that the lake can reach the outlet even if the Game, Fish and Parks ditch did not exist; and as it does exist. The High WM can be obtained under either of the two conditions.

Mr. Doyle stated the canal, excluding the plug has been in since 1958. The evidence that Mr. Powell looked at was the physical evidence around the lake such as erosion factors.

Mr. Waldner stated the canal ditch is at 1445 and the outlet is established at 1435, that should not cause any problem.

Mr. Powell stated they were going by the physical marks on the trees. The trees are at the high water mark. Some discussion followed on how long it would take to kill a tree with water.

Some discussion followed on what is considered the inlet and what is the outlet.

Mr. Powell stated their conclusions for the High WM were determined with and without consideration of the structure. Mr. Powell again stated referring to Figure 4 what was considered was 1) if the canal did not exist and 2) the present day conditions with the plug in the canal. Under either set of conditions we could still conclude that water flows in over the spillway and obtains spillway height and the lake level can maintain the High WM. This is what we considered in the analysis. We wanted to prove hydrologically as and through inspection that the mark could be established and maintained at the elevation that we recommended. We could prove it both ways.

Mr. Powell stated he did not disagree that the concrete spillway acts as an inlet. Under current conditions it is the outlet. This would be the concrete No. 1 on Figure 4. When looking at Figure 1, we did not extend the High WM down the Game, Fish and Parks canal. When the 1435.7 elevation was drawn on the map, we treated the canal as if it was not there. If the plug was not there, we are not extending the OHWM down the canal a man-made structure and into Rohr Lake. That is a different lake, slough or drained piece of property. We were just concerned with Silver Lake.

In answer to a question from Mr. Waltner, Mr. Powell stated the plug is holding the water in as well as the spillway.

Mr. Waltner stated they have legal records of the spillway, but do they for the block?

Mr. Powell stated everyone agrees that they do not have a legal block. Mr. Powell further stated that they have talked about the potential block on

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Mr. Waltner's property and a little canal that has been extended around the block.

Mr. Waltner stated it would not be near the level of the High WM. There is probably 18 inches of difference right there.

Mr. Powell stated that 10% frequency that it will run over the spillway does not mean it will happen every 10 years. It is a methodology attempting to predict what will happen.

Mr. Buhler stated on Graph No. 9 there is a plot of the water levels obtained by the Water Rights Staff since the spring of 1983. During the spring of 1983, the water level was 1435.62.

Mr. Waltner stated before 1983, the water never did flow out of the spillway unless there was ice or something in the diversion ditch. Until then it was always drained out through the diversion ditch.

Mr. Blackburn stated they want the Board to consider the block when considering the High WM because it is an artificial structure.

In answer to a question from Mr. Harms, Mr. Powell stated that besides the dead trees they found other information that would not change their minds on the High WM level. There is evidence of a cut back and there are shelves which are grassed over with brome grass which have been there for quite a number of years.

It is an obvious shelf where there was water action. That is 20 to 30 plus years at least. There was exposed rock along some of the shore lines. If you would dig beneath the ground 3 or 4 inches under the black topsoil you can find a sand type beach where there was beaching action. This has been covered up with wind blown dirt, and vegetation has started. There are alot of indicators other than the trees that indicate there was water long enough to create the elevation that has been suggested by staff.

In answer to a question from Mr. Blackburn, Mr. Doyle stated the dead trees are at the High WM not below the High WM.

Mr. Powell stated we did not know the exact age of the trees. They tried to core a couple, but the tree fibers were wet. When we pulled the core out, the rings were not easily identified. Mr. Powell stated he would guess that the trees were approximately 15 years old. Mr. Powell stated in reference to the old grass under the new grass, he did not know if the soil was washed over, coming down the bank, or wind blown. The vegetation was old grass buried under the new growth of grass. The vegetation is at least ten years old. It would be speculation to say how long it would take to get that much soil over the top of it. If it was water eroded in, it could come in a short period of time. If it was wind blown, it could take time.

In answer to a question from Mr. Waldner, Mr. Powell stated there is a gradual slope between the cottonwoods and land shown on Photo 7.

Mr. Waltner stated he had talked with the local game warden, and they have stocked Silver Lake two times. In the winter, they test the water to determine how much oxygen is in it. Everytime they do this it has been zero. The game

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warden told Mr. Waltner that this was because of the decaying vegetation that has accumulated and grew in the lake before the water was established so high.

Mr. Harms stated that may not necessarily be true. With the chemical analysis and without ever seeing the lake, Mr. Harms stated he was sure that they had a fairly high algae population on the lake during the summer months.

Mr. Waltner stated that is true.

Mr. Harms stated that this is vegetation. When this organic matter dies it goes to bottom. Decomposition of that material would use up the oxygen. It is a very shallow lake and there is not that much oxygen there.

Mr. Waltner stated he felt before the High WM can be established, they should get a permit for the illegal block and then go back at some later date and establish the High WM.

Chairman Arend stated the Board fully recognizes the landowners concern and problem, but the High WM and the vested right can not be tied together.

In answer to a question from Mr. Blackburn, Mr. Guhin stated that the establishment of the High WM establishes what the Board regards as a historical fact. The water on an historical basis reaches that level in the lake bed not the ditch.

Mr. Doyle stated staff does not consider the ditch to be part of the lakebed, except where the lakebed was before that ditch was built. That is what they are talking about as being within the High WM. We are establishing the High WM in the area that the public has access to. The diversion ditch is separate and man-made under a separate permit held by Game, Fish and Parks. It has nothing to do with the vested right either, as far as the staff is concerned.

Mr. Walter MOVED, SECONDED by Mr. Harms to amend the original motion by adding that the High WM be specifically confined to the boundary lines of the lake as shown on Figure 1 of Ordinary High Water Mark Report dated September, 1985. MOTION CARRIED, with Mrs. Gunderson abstaining.

Chairman Arend called for a vote on the amended motion. MOTION CARRIED, with Mrs. Gunderson abstaining.

DEFERRED APPLICATION No. 5073-3, Silver Lake

In answer to a question from Chairman Arend, Mr. Koth stated the Department is claiming the historical use of the water as per an affidavit signed by a local landowner. The affidavit states that Silver Lake in the meandered status was used and has been used since the original meandered survey, to the landowner's knowledge for his 73 years of living in the local area. It has been used for wildlife and recreational uses. That is what they are requesting recognition of the vested right from. The vested right elevation request is linked to the outlet elevation as surveyed by Mr. Powell. It comes back to the hydrology of the area, that some of the time Silver Lake would reach its natural condition with water reaching the outlet elevation of 1435. They realize that it will not occur at all times. The application submitted and the area outlined on the map basically divorced the diversion canal from the vested right consideration. If

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there is a problem with the diversion canal and structures, they might be able to deal with that through an amendment to that permit versus the vested right consideration which they consider to be separate from any other structural type thing.

Mr. Harms MOVED, that Vested Right Application No. 5073-3 be RECOGNIZED, with the qualification that there be a control structure developed on the ditch to allow entry into Silver Lake at normal flow periods but to prevent flow from Silver Lake back into the ditch at high water periods.

Mr. Koth stated they would be receptive to amending Permit No. 542-3 which is the diversion canal permit. They would like to see the vested water right used as it has been in previous situations that the state has acquired vested water rights, maintaining "natural type" conditions.

Mr. Harms stated the control structure should probably be moved to the ditch permit. That is where it belongs.

Mr. Guhin stated that notice would have to be given to do that. This permit could be continued until the Board does that.

Mr. Hatch stated that the Board could direct staff to give notice that it intends to amend No. 542-3 and not deal with a new application.

Mr. Koth stated that there may be some developments between now and the next meeting, that he could give the landowners and the Board concerning potential development which would take place on the existing berm structure as it is.

Mr. Arend stated it was the general consensus of the Board to grant the permit if they can provide the landowners with proper relief.

Mr. Harms WITHDREW his motion.

Mr. Harms MOVED, SECONDED by Mr. Waldner that Vested Right Application No. 5073-3 be DEFERRED until the March meeting in Pierre.

Mr. Koth stated that the other interested parties are the same ones that were interested in the Black Slough venture. They wished to have the vested right recognized on the lake prior to their inception of serious design plans. They do not want to go into a major project design only to learn that the Department does not have the water rights for the lake.

Mr. Guhin stated there is quite a substantial grant of authority to the Board. Mr. Guhin read the statute. The full extent of that power has never been explored.

Chairman Arend stated he felt that the Board's intent was that they are not comfortable moving ahead with the vested right until there are some assurances that the back flow control is there to prevent the flooding.

Mr. Blackburn also stated there are time stipulations if they should choose to appeal any decision.

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Mr. Hatch stated when balancing public interest, the Board should remember that it is comparing the concerns of two landowners versus the general public interest in recognition of the vested right and providing the right to this public resource to the public at large. The Board has the authority to give notice to amend existing Permit No. 542-3. If the Board is balancing public interests it must look at that also, not just the landowners' side.

Mr. Waltner stated they are representing themselves as being agriculturally based. There is also a person present who is on the side of the sportsman and he does not want to see the vested right granted. The reason being that the local people who have seen the lake know that a control structure will not work in there. They are talking about putting in a gate to let water in and then to hold it when the water wants to come back out again. The only time that the water goes in is during the spring time. At that time, the ditch is full of ice and snow. How will the gates open against that ice and snow and how will the water get in?

Mr. Waldner stated when there is snow and ice it goes nowhere. It just sets on your property until the snow and ice starts moving. Whatever can move into the lake will move in, what can not, will move along the ditch to the other outlet.

After some further discussion Chairman Arend called for a vote on the motion to DEFER until the March, 1986 meeting in Pierre. MOTION CARRIED, with Mrs. Gunderson abstaining.

Mr. Harms MOVED, SECONDED by Mr. Walter that the Board request the chief engineer to give notice of its intent to amend Permit No. 542-3 to require that a one way water control structure be put in. MOTION CARRIED, with Mrs. Gunderson abstaining.

Mr. Guhin stated the notice will give Game, Fish and Parks the opportunity to make legal argument against the Board's authority to order a control structure if they care to do so.

Mr. Blackburn commented if legal objections are made he would like to know ahead of time.

Mr. Guhin stated it would be within the Board's authority to order a statement of issues to any party.

Mr. Blackburn stated he would make that request to the Board on behalf of the Waltner's. If Game, Fish and Parks or anyone else is going to make legal argument as to any objections by them to the Board's action on 542-3 permit, they would like to know that two weeks in advance of the hearing.

Mr. Arend stated that two weeks should be adequate. Mr. Arend stated that the Board was requesting that the Chief Engineer notify Game, Fish and Parks that they should give two weeks notice to involved parties in the event that they are going to raise objections to the Boards authority.

REQUESTS FOR WATER QUALITY VARIANCE - STAUM DAM, BEADLE COUNTY

Mr. Larson stated a water quality variance request has been received from the Department of Game, Fish and Parks for a temporary variance from South Dakota

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Water Quality Standards to apply Rotenone to Staum Dam for eradication of rough fish and allow restocking with game fish. Public notice for this temporary variance was published in the Huron Daily Plainsman, September 5, 1985 and Redfield Press, September 4, 1985. The public notice stated that execution of this request will not endanger human health and will not cause water use restrictions. Based upon available information, the use of Rotenone, if applied according to label directions will not threaten human health and will not cause long term damage to the aquatic community or introduce bioaccumulative substances into the system in accordance with South Dakota Surface Water Quality Standards 74:03:02:47.

Mr. Koth stated that Game, Fish and Parks will do the application. The area of the lake is 45 surface acres.

Mr. Harms MOVED, SECONDED by Mrs. Gunderson that the Water Quality Variance for Staum Dam, Beadle County be APPROVED. MOTION CARRIED.

The Board directed that Findings of Fact, Conclusions of Law and a Final Decision be prepared on the establishment of the Ordinary High Water Mark on Silver Lake for consideration at the December meeting.

Mr. Harms MOVED, SECONDED by Mr. Waldner that the meeting be ADJOURNED. MOTION CARRIED.

Meeting adjourned at 3:35 pm.

Chairman

Secretary

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SOUTH DAKOTA

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Memo to File

Silver Lake in Hutchinson County **VWR No. 5073-3**

The OHWM was set by the the Water Management Board on October 16, 1985.

OHWM elevation 1435.7 fmsl NGVD29

The outlet elevation was set by the Water Management Board on October 16, 1985.

OHWM elevation 1435.3 fmsl NGVD29

The Water Management Board validated Vested Water Right No. 5073-3 on July 25, 1991.