

No. *U.S. 581-2*

Office of State Engineer
DOCUMENT FILE

*Bureau of Reclamation
Dept of Interior*

*Rapid Valley Project
Pactola Reservoir*

*Sec 2, T1N, R5E
B.H.M.*

File acc 5092-

OFFICE OF STATE ENGINEER
STATE OF SOUTH DAKOTA
DEAN W. LOUCKE, STATE ENGINEER
PIERRE

CERTIFICATE OF WITHDRAWAL
OF
WATER FOR APPROPRIATION
TO THE
UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Withdrawal No. U. S. 581-2

Rapid Valley Project
Factola Reservoir
Pennington County, South Dakota

Water Division No. 2
Rapid Creek Water District

The United States of America, Department of the Interior, Bureau of Reclamation, on April 25, 1952 having filed "Notice of Intention," with the State Engineer of the State of South Dakota to utilize certain heretofore unappropriated public waters of the State of South Dakota, in accordance with the requirements of the statutes of the State of South Dakota, particularly section 61.0137, South Dakota Code, 1939;

NOW, THEREFORE:

This is to certify that effective April 25, 1952, there is hereby withdrawn and reserved of the heretofore unappropriated waters of Rapid Creek and its tributaries located above the outlet of the Reservoir as described in the Notice of Intention to the State Engineer, all of the unappropriated waters thereof and their sources of supply, including definite streams and water courses and including natural springs now or hereafter subject to appropriation, to the extent of 99,000 acre feet annually, for utilization in connection with that certain Federal water survey conservation and utilization project, known as the Factola Reservoir, Rapid Valley Project, authorized to be constructed under the Reclamation Project Act of 1939 (53 Stat. 1187), and Section 9 of the Flood Control Act of 1944 (58 Stat. 887), as supplemented by Section 18 of the Flood Control Act of 1946 (60 Stat. 441), and Section 215 of the Act of May 17, 1950 (Flood Control Act of 1950), as said project has been modified since December 7, 1939, and as it hereafter may be modified from time to time.

The withdrawal and reservation of the waters of said Creek and their tributaries, which is hereby evidenced, covers all unappropriated natural, developed and augmented waters of said Creek to the extent as heretofore above described, including definite streams and water courses and natural springs now or hereafter existing, and including but not limited to all the abandoned waste, seepage, and return flow waters from any operations or uses through, by means of, or in connection with said Project, or otherwise.

This certificate and withdrawal shall in no manner prejudice, alter, amend or affect the rights of any appropriator or appropriation of water prior to April 25, 1952, nor any application for appropriation pending on April 25, 1952, but the rights and privileges of any and all such prior appropriators or applicants for appropriation of water shall remain inviolate and intact, the same as if the within withdrawal had not been made.

This certificate shall be and is subject to cancellation in accordance with the provisions of the statute heretofore referred to and under the authority of which this certificate is issued.

In accordance with the provisions of the statute heretofore referred to, this certificate is executed at the State Capitol at Pierre, South Dakota, this 5th day of May, 1952.

OFFICE OF STATE ENGINEER

WHL:Rldh

DEAN W. LOCKS
State Engineer

NOTICE OF INTENTION

to the

STATE ENGINEER

of the

STATE OF SOUTH DAKOTA

Missouri River Basin Project, Rapid Valley Unit, South Dakota

Notice of intention to divert, store and appropriate water for beneficial uses from certain streams within the State of South Dakota by the United States of America.

The United States of America, through the Regional Director, Region 6, Bureau of Reclamation, United States Department of the Interior, by authority of the Act of Congress approved June 17, 1902 (32 Stat. 386), as amended and supplemented, particularly section 9 of the Reclamation Project Act of 1939 (53 Stat. 1187), all commonly styled the Federal Reclamation Laws, and sections 1 and 9 of the Act of Congress of December 22, 1944 (58 Stat. 887), hereby notifies the State Engineer of the State of South Dakota of its intentions to utilize and appropriate, by construction, diversion, storage and beneficial use, certain of the unappropriated waters within South Dakota, as required by Section 61.0137 of the 1939 Revised Code of South Dakota. Application is hereby made for the withdrawal of certain unappropriated waters from Rapid Creek and its tributaries within the State of South Dakota in the amount sufficient for diversion, storage and use, as hereinafter set forth, and the following information is furnished:

1. Representative of the United States of America authorized to act in the premises.

Answer: Regional Director, Region 6, Bureau of Reclamation,
United States Department of the Interior, Billings,
Montana.

2. Name of intending appropriator.

Answer: United States of America.

3. Name and address of agency representing intending appropriator.

Answer: United States Department of the Interior, Bureau of Reclamation, Post Office Box 2130, Billings, Montana.

4. Name of reservoir.

Answer: Pactola.

5. County in which water is to be diverted, stored and appropriated.

Answer: Pennington, South Dakota.

6. Name of streams from which water is to be diverted, stored and appropriated.

Answer: Rapid Creek and its tributaries.

7. The outlet of the reservoir is located in Section Two (2), Township One (1) North, Range Five (5) East, Black Hills Meridian, Pennington County, South Dakota.

8. Uses to which water directly diverted or diverted and stored, is to be put.

Answer: Diversions from natural flow to be stored for application to beneficial use for multiple purposes in accordance with the Federal Reclamation Laws (Act of June 17, 1902, 32 Stat. 388, and Acts amendatory thereof and supplementary thereto; the Act of December 22, 1944 (58 Stat. 887), referred to as the Flood Control Act of 1944, and Acts amendatory thereof and supplementary thereto; and the Act of March 10, 1934 (48 Stat. 401), as amended by the Act of August 14, 1946 (60 Stat. 1080), including, but not being preferred by this enumeration, flood control, irrigation, municipal water supplies, silt detention, power, recreation, domestic, stock water, mining, industrial and wildlife uses. Additional storage of flood flows shall be used for flood control purposes.

9. The available capacity of reservoir in acre-feet.

Answer: 99,000 acre-feet.

10. Acre-feet of water to be appropriated annually for diversion and storage in reservoir.

Answer: 99,000 acre-feet.

11. Class of plans accompanying "Notice of Intention."

Answer: Plans of the proposed reservoir, when they are prepared, will be filed in the office of the State Engineer of South Dakota for his information.

Dated at Billings, Montana, this

23rd

day of

April

1952.

UNITED STATES OF AMERICA

By

K. F. Verum

Regional Director, Region 6
Bureau of Reclamation



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
P. O. Box 2130
Billings, Montana

IN REPLY REFER TO

6-155

RECEIVED

APR 23 1952

STATE ENGINEER
PIERRE, S. DAK

APR 23 1952

Mr. Dean W. Loucks
State Engineer
State of South Dakota
Pierre, South Dakota

Dear Mr. Loucks:

There is enclosed a Notice of Intention to the State Engineer of the State of South Dakota for the diversion, storage and appropriation of water from Rapid Creek in Pennington County, South Dakota. This Notice is filed pursuant to Section 61.0137, Revised Code of South Dakota 1939, and is in connection with the proposed construction of Pactola Reservoir by the Bureau of Reclamation under authority of the Act of Congress of December 22, 1944 (58 Stat. 887).

As indicated in item number 11 of the Notice, plans of the proposed reservoir, when they are prepared, will be filed in your office.

It is requested that you acknowledge receipt of the Notice and inform us of the date it was accepted for filing in your office. We will also wait receipt of your Certificate of Withdrawal.

Your cooperation in processing this filing is greatly appreciated.

Sincerely yours,

K. F. Vernon
K. F. Vernon
Regional Director

Enclosure

May 19, 1952

K. F. Vernon
Regional Director
U. S. Dept. of Interior
Bureau of Reclamation
Billings, Montana

Re: U. S. Withdrawal No. 581-2
Rapid Creek
Pactola Reservoir

Dear Mr. Vernon:

Thank you for your letter of May 15 calling our attention to the error in the reference to certain Acts of Congress at the bottom of page 1 of the above referred to Certificate No. 581-2, issued by this office under date of May 5, 1952.

We had assumed that this reference would be the same as that for the Deerfield Project. Apparently from your letter this is not the case. We have made the correction, inserting the reference as you have given it to us and are returning herewith three copies of the corrected Withdrawal No. US 581-2. We have also made the correction on the copies in our files.

Yours very truly,

Enc.
DML:RG

DEAN W. LOUCKS
State Engineer



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

P. O. Box 2130
Billings, Montana

MAY 15 1952

Dean W. Loucks
State Engineer
State of South Dakota
Pierre, South Dakota

Dear Mr. Loucks:

Thank you for your letter of May 5, 1952, transmitting Certificate of Withdrawal covering waters of Rapid Creek in connection with the proposed construction of Pactela Reservoir.

I wish to invite your attention to the fact that the references to certain Acts of Congress at the bottom of page 1 of the Certificate are in error. The correct citations in this instance are the Reclamation Project Act of 1939 (53 Stat. 1487), and Section 9 of the Flood Control Act of 1944 (58 Stat. 887), as supplemented by Section 12 of the Flood Control Act of 1946 (60 Stat. 641), and Section 215 of the Act of May 17, 1950 (Flood Control Act of 1950).

It is requested that the Certificate of Withdrawal, which is returned herewith, be amended to substitute the above references for those now appearing in the last four lines of page 1 thereof.

I appreciate the cooperation and assistance you have rendered in effecting this withdrawal.

Sincerely yours,

Regional Director

Enclosure

May 5, 1952

H. T. Vernon
Regional Director
U. S. Dept. of Interior
Bureau of Reclamation
Billings, Montana

Re: Rapid Valley Project
Pactola Reservoir

Dear Mr. Vernon:

This will acknowledge receipt of your letter of April 23, 1952 enclosing a Notice of Intention to the State Engineer of the State of South Dakota for the diversion, storage and appropriation of water from Rapid Creek in Pennington County, South Dakota. The Notice is submitted pursuant to Sec. 61.0137 of the South Dakota Code of 1939 and is in connection with the proposed construction of Pactola Reservoir by the Bureau of Reclamation under the authority of the Act of Congress of December 22, 1944 (58 Stat. 887). The Notice has been accepted for filing in this Office under the date of April 25, 1952. We are also herewith enclosing United States Withdrawal No. 561-2 covering the Notice.

You also indicate in your letter and in Item No. 11 of the Notice that plans of the proposed reservoir when they are prepared will be filed in this Office.

Yours very truly,

DEJ:EM
Enc.

DEAN W. LOUCKS
State Engineer

OFFICE OF STATE ENGINEER
STATE OF SOUTH DAKOTA
DEAN W. LOUCKS, STATE ENGINEER
PIERRE

CERTIFICATE OF WITHDRAWAL
OF
WATER FOR APPROPRIATION
TO THE
UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Withdrawal No. U.S. 581-2

Rapid Valley Project
Pactola Reservoir
Pennington County, South Dakota

Water Division No. 2
Rapid Creek Water District

The United States of America, Department of the Interior, Bureau of Reclamation, on April 25, 1952 having filed "Notice of Intention," with the State Engineer of the State of South Dakota to utilize certain heretofore unappropriated public waters of the State of South Dakota, in accordance with the requirements of the statutes of the State of South Dakota, particularly section 61.0137, South Dakota Code, 1939;

NOW, THEREFORE:

This is to certify that effective April 25, 1952, there is hereby withdrawn and reserved of the theretofore unappropriated waters of Rapid Creek and its tributaries located above the outlet of the Reservoir as described in the Notice of Intention to the State Engineer, all of the unappropriated waters thereof and their sources of supply, including definite streams and water courses and including natural springs now or hereafter subject to appropriation, to the extent of 99,000 acre feet annually, for utilization in connection with that certain Federal water survey conservation and utilization project, known as the Pactola Reservoir, Rapid Valley Project, authorized to be constructed under the Act of Congress of August 11, 1939 (53 Stat. 1418), as amended by the Act of Congress of October 14, 1940 (54 Stat. 1119), as said project has been modified since December 1, 1939, and as it hereafter may be modified from time to time.

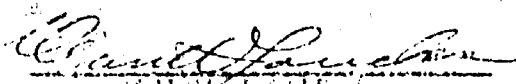
The withdrawal and reservation of the waters of said Creek and their tributaries, which is hereby evidenced, covers all unappropriated natural, developed and augmented waters of said Creek to the extent as heretofore above described, including flowing streams and water courses and natural springs now or hereafter existing, and including but not limited to all the abandoned waste, seepage, and return flow waters from any operations or uses through, by means of, or in connection with said Project, or otherwise.

This certificate and withdrawal shall in no manner prejudice, alter, amend or affect the rights of any appropriator or appropriation of water prior to April 25, 1952, nor any application for appropriation pending on April 25, 1952, but the rights and privileges of any and all such prior appropriators or applicants for appropriation of water shall remain inviolate and intact, the same as if the within withdrawal had not been made.

This certificate shall be and is subject to cancellation in accordance with the provisions of the statute heretofore referred to and under the authority of which this certificate is issued.

In accordance with the provisions of the statute heretofore referred to, this certificate is executed at the State Capitol at Pierre, South Dakota, this 5th day of May, 1952.

OFFICE OF STATE ENGINEER


EARL C. LATHROP
State Engineer

WLB:dh

COMMISSION

John M. Gahart, Spearfish
Lester Brice, Park
Carl Cronen, Gettysburg
Loren A. Davis, Belle Fourche
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Richard Lommen, Harrisburg
Clarence D. Mortenson, Hayes
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South Dakota
WATER RESOURCES COMMISSION

State Office Building #2
PIERRE, SOUTH DAKOTA 57501

J. W. GRIMES

Chief Engineer
203
Executive Officer

PHONE
234 3554
Area Code 605

October 7, 1969

Mr. Martin H. Oleson, Jr.
Bureau of Reclamation
P.O. Box 825
Huron, South Dakota 57350

Refer 400

Dear Mr. Oleson:

I am sorry to be so tardy answering your letter of August 15, 1969, about perfecting the water rights for the Rapid Valley Project, Deerfield Dam (U.S. 509-2) and the Rapid Valley Project, Pactola Dam (U.S. 581-2).

In essence, acquisition of water rights by the United States pursuant to state law includes (1) notification on behalf of the United States that it intends to utilize water or to make a survey for later utilization and withdrawal of unappropriated waters by State Government, (2) filing of plans for the proposed work on behalf of the United States, and (3) upon completion of construction of the works by the United States, water license is to be issued.

Concerning the above items, water right records show the following (dates are dates of receipt or action by State Government):

U.S. 509-2

- (1) Notice of Intent filed Dec. 1, 1939, (Pactola Reservoir).
Certificate of Withdrawal issued Dec. 1, 1939.
Notice amended July 7, 1941 (Storage on Castle Creek).
Amended Notice acknowledged as amendment to Withdrawal
No. 509, July 10, 1941.
Notice amended and supplemented Aug. 24, 1942.
Supplemental Withdrawal issued Aug. 24, 1942.
Notice of Aug. 24, 1942, corrected Oct. 8, 1942.
- (2) Print of Drawing 252-7, Deerfield Dam, filed Sept. 10, 1946.

Martin H. Oleson, Jr.

2.

October 7, 1969

(3) Water License not issued.

U.S. 581-2

(1) Notice of Intent filed Apr. 25, 1952, (Pactola Reservoir).
Certificate of Withdrawal issued May 5, 1952.

(2) No plans received.

(3) Water License not issued.

State law does not prescribe what constitutes "plans" which are to be filed on behalf of the United States. Nor does a search of records in this office reveal any prior designation as to what constitutes these "plans". Under state law, the following factors describe a water right: priority date, amount of water used beneficially, the purposes served, the periods of use, the places of use, and any conditions which may apply to the use of water.

For Bureau of Reclamation projects, each of these water right factors may be determined by the following "plans".

Priority date - Date of receipt of the notice on behalf of the United States that it intends to utilize certain specified waters or intends to make a survey with a view of later utilizing certain specified waters.

Amount of Water-The Definite Plan Report, or its equivalent, supplemented by "as built" drawings and tabulations showing storage capabilities, capacities of diversion works and the quantities and rates of water provided for the purposes served by the project works should provide the information needed.

Purposes Served-The Definite Plan Report, or its equivalent, supplemented by any changes which may have occurred on an "as built" basis should provide this information.

Periods of Use- The Definite Plan Report, or its equivalent, modified by any changes provided on an "as built" basis should provide the information needed for determination of periods of storage and beneficial use.

Martin Oleson, Jr.

3.

October 7, 1963

Places of Use - The Definite Plan Report, or its equivalent, supplemented by a drawing showing the irrigable lands and places of use for other than irrigation purposes should provide this information.

Conditions applied to use - Copies of contracts with water users should provide information for determination of this factor.

I hope that this summary will provide the information that you requested for the Deerfield and Pactola projects. This summary may be used to perfect the Bureau's water rights for Shadehill and Angostura projects, also. I believe that the Belle Fourche Project water right should be modernized, too, pursuant to this summary and the Keyhole Project filing in Wyoming, copy in South Dakota, should be perfected pursuant to this summary especially as to places of use.

Sincerely,

J. W. Grimes

JWG:ls



United States Department of the Interior

BUREAU OF RECLAMATION

MISSOURI-OAHE PROJECTS OFFICE, REGION 6

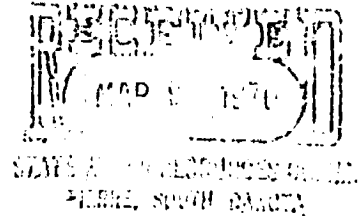
P. O. BOX 825

HUROM, SOUTH DAKOTA 57350

IN REPLY REFER TO:

400

Mr. J. W. Grimes
Chief Engineer and Executive Officer
South Dakota Water Resources Commission
Pierre, South Dakota 57501



Dear Mr. Grimes:

In your letter dated October 7, 1969, you outlined the requirements for the perfection of the water right (U.S. 581-2) for Pactola Reservoir about which we had previously inquired. The following information and enclosures are provided for the perfection of this water right:

Priority Date - Notice of Intent was filed April 23, 1952, and Certificate of Withdrawal was issued May 5, 1952.

Amount of Water - All the water of Rapid Creek and its tributaries up to the storage capacity of Pactola Reservoir and unappropriated on April 23, 1952, as further supported by the following drawings and tables:

- (a) Pactola Reservoir topography with Pactola Dam superimposed (Drawings Nos. 494-602-13, -14, -15, and -16)
- (b) General plans and sections of Pactola Dam, spillway and outlet works (Drawing No. 494-D-39)
- (c) Capacity tables - Pactola Reservoir dated May 1965
- (d) Area-capacity curves - Pactola Reservoir (Drawing No. 494-600-43)
- (e) Reservoir capacity allocation for Pactola Reservoir

Purposes Served - Beneficial use for multiple purposes in accordance with the Federal Reclamation Laws (32 Stat. 388) as amended; the Flood Control Act of December 22, 1944 (58 Stat. 867) as amended; and the Act of March 10, 1934 (48 Stat. 401), as amended; including, but not being preferred by this enumeration, flood control, irrigation, municipal, silt detention, pollution control, power, recreation, domestic, stock water, mining, industrial, wildlife and recreation uses.

Periods of Use - Twelve months in each year.

Places of Use - Rapid City, South Dakota, and environs, Ellsworth Air Force Base, irrigable lands in Rapid Valley Water Conservancy District, and elsewhere as need requires.

Conditions Applied to Use - Payment of appropriate charges in all cases and compliance with Excess Land Laws under Reclamation Act (32 Stat. 388) as amended, where water is used for irrigation.

Drawings Nos. 494-602-13, -14, -15, and -16, and 494-D-39 are being forwarded under separate cover in a mailing tube.

Sincerely yours,

Martin H. Oleson, Jr.
Project Manager

Enclosures
Enclosure 107601 (u/sep. cover)

By: *George D. Carey*

PACTOLA RESERVOIR

NOV 1955

AREA IN ACRES

EFFECTIVE

OCT. 1, 1965

ELEVATION

ELEVATION	1	1	1	1	2	2	2
4420	3	3	4	5	7	9	11
4430	25	27	30	33	36	40	44
4450	60	66	77	77	84	91	98
4460	118	135	141	147	153	159	165
4470	119	196	201	207	213	219	225
4480	249	254	258	263	267	272	275
4490	294	298	303	307	311	315	318
4500	336	340	344	348	352	356	360
4510	377	381	387	391	396	401	405
4520	416	420	426	432	439	445	451
4530	455	459	466	473	480	486	492
4540	493	497	504	511	518	524	531
4550	530	534	541	548	555	561	568
4560	566	570	577	584	591	597	604
4570	602	606	613	620	627	633	640
4580	638	642	649	656	663	669	676
4590	673	677	684	691	697	704	711
4600	708	712	719	726	733	739	746
4610	742	746	753	760	767	773	780
4620	775	779	786	793	800	806	813
4630	816	820	827	834	841	847	854
4640	857	861	868	875	882	888	895
4650	898	902	909	916	923	929	936
4660	939	943	950	957	964	970	977
4670	980	984	991	998	1005	1011	1018
4680	1020	1024	1031	1038	1045	1051	1058
4690	1060	1064	1071	1078	1085	1091	1098
4700	1100	1104	1111	1118	1125	1131	1138
4710	1140	1144	1151	1158	1165	1171	1178
4720	1180	1184	1191	1198	1205	1211	1218
4730	1220	1224	1231	1238	1245	1251	1258
4740	1260	1264	1271	1278	1285	1291	1298
4750	1300	1304	1311	1318	1325	1331	1338
4760	1340	1344	1351	1358	1365	1371	1378
4770	1380	1384	1391	1398	1405	1411	1418
4780	1420	1424	1431	1438	1445	1451	1458
4790	1460	1464	1471	1478	1485	1491	1498
4800	1500	1504	1511	1518	1525	1531	1538

PACTOLA RESERVOIR

CAPACITY IN ACFT FEET

ELEV	0	1	2	3	4	5	6	7	8	9
4420	0	0	0	1	2	3	4	5	7	9
4430	11	14	17	22	28	36	47	59	75	94
4440	116	142	171	203	238	276	316	364	414	467
4450	325	368	416	471	531	599	673	754	843	940
4460	1046	1074	1116	1160	1207	1255	1307	1364	1426	1493
4470	1095	1124	1167	1213	1261	1311	1364	1421	1483	1550
4480	1128	1158	1202	1249	1297	1347	1399	1456	1518	1585
4490	1161	1191	1235	1283	1331	1381	1434	1491	1553	1620
4500	1194	1224	1268	1316	1364	1414	1467	1524	1586	1653
4510	1227	1257	1301	1349	1397	1447	1500	1557	1619	1686
4520	1260	1290	1334	1382	1430	1480	1533	1590	1652	1719
4530	1293	1323	1367	1415	1463	1513	1566	1623	1685	1752
4540	1326	1356	1400	1448	1496	1546	1600	1657	1719	1786
4550	1359	1389	1433	1481	1529	1579	1632	1689	1751	1818
4560	1392	1422	1466	1514	1562	1612	1665	1722	1784	1851
4570	1425	1455	1499	1547	1595	1645	1698	1755	1817	1884
4580	1458	1488	1532	1580	1628	1678	1731	1788	1850	1917
4590	1491	1521	1565	1613	1661	1711	1764	1821	1883	1950
4600	1524	1554	1598	1646	1694	1744	1797	1854	1916	1983
4610	1557	1587	1631	1679	1727	1777	1830	1887	1949	2016
4620	1590	1620	1664	1712	1760	1810	1863	1920	1982	2049
4630	1623	1653	1697	1745	1793	1843	1896	1953	2015	2082
4640	1656	1686	1730	1778	1826	1876	1929	1986	2048	2115
4650	1689	1719	1763	1811	1859	1909	1962	2019	2081	2148
4660	1722	1752	1796	1844	1892	1942	1995	2052	2114	2181
4670	1755	1785	1829	1877	1925	1975	2028	2085	2147	2214
4680	1788	1818	1862	1910	1958	2008	2061	2118	2180	2247
4690	1821	1851	1895	1943	1991	2041	2094	2151	2213	2280
4700	1854	1884	1928	1976	2024	2074	2127	2184	2246	2313
4710	1887	1917	1961	2009	2057	2107	2160	2217	2279	2346
4720	1920	1950	1994	2042	2090	2140	2193	2250	2312	2379
4730	1953	1983	2027	2075	2123	2173	2226	2283	2345	2412
4740	1986	2016	2060	2108	2156	2206	2259	2316	2378	2445
4750	2019	2049	2093	2141	2189	2239	2292	2349	2411	2478
4760	2052	2082	2126	2174	2222	2272	2325	2382	2444	2511
4770	2085	2115	2159	2207	2255	2305	2358	2415	2477	2544
4780	2118	2148	2192	2240	2288	2338	2391	2448	2510	2577
4790	2151	2181	2225	2273	2321	2371	2424	2481	2543	2610
4800	2184	2214	2258	2306	2354	2404	2457	2514	2576	2643

○

ELEV	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
4420										
4421										
4422	0	1	1	1	1	1	1	1	1	1
4423	1	1	1	1	1	1	1	2	2	2
4424	2	2	2	2	2	2	2	2	3	3
4425	3	3	3	3	3	3	4	4	4	4
4426	4	4	4	4	5	5	5	5	5	5
4427	5	6	6	6	6	6	6	7	7	7
4428	7	7	7	8	8	8	8	8	9	9
4429	9	9	9	10	10	10	10	10	11	11
4430	11	11	12	12	12	12	13	13	13	13
4431	13	14	14	15	15	16	16	16	17	17
4432	15	18	16	19	19	20	20	21	21	22
4433	22	23	23	24	25	25	26	27	27	28
4434	28	29	30	31	32	32	33	34	35	36
4435	36	38	39	40	41	42	43	44	45	46
4436	47	48	49	50	52	53	54	56	57	58
4437	59	61	62	64	66	67	69	70	72	73
4438	75	77	79	80	82	84	86	88	90	92
4439	94	96	98	100	103	105	107	109	112	114
4440	116	119	121	124	127	129	132	134	137	140
4441	142	145	148	151	154	157	160	162	165	168
4442	171	174	177	181	184	187	190	193	197	200
4443	203	206	210	213	217	220	224	228	231	235
4444	238	241	246	250	253	257	261	265	269	273
4445	276	281	285	289	293	297	302	306	310	314
4446	318	323	328	332	337	341	346	350	355	360
4447	364	369	374	379	384	389	394	399	404	409
4448	414	419	424	430	435	441	446	451	457	462
4449	467	473	477	485	491	496	502	508	514	519
4450	525	532	538	544	550	557	563	569	575	582
4451	588	595	602	609	615	622	629	636	643	650
4452	656	664	671	679	686	694	701	708	716	723
4453	731	739	747	755	763	771	779	787	795	803
4454	811	820	829	838	846	855	864	873	881	890
4455	899	908	918	927	936	946	955	965	974	983
4456	993	1003	1013	1023	1033	1044	1054	1064	1074	1084
4457	1094	1105	1116	1127	1138	1149	1160	1171	1182	1193
4458	1203	1215	1227	1239	1250	1262	1274	1285	1297	1309
4459	1320	1333	1346	1358	1371	1383	1396	1408	1421	1433
4460	1446	1459	1472	1486	1499	1512	1525	1539	1552	1565
4461	1578	1592	1606	1620	1633	1647	1661	1675	1689	1702
4462	1716	1731	1745	1759	1774	1788	1803	1817	1831	1846
4463	1860	1875	1890	1905	1920	1935	1950	1965	1980	1995
4464	2010	2025	2041	2056	2072	2087	2103	2119	2134	2150
4465	2165	2181	2198	2214	2230	2246	2262	2278	2295	2311
4466	2327	2344	2362	2377	2394	2411	2427	2444	2461	2478
4467	2495	2512	2529	2547	2564	2582	2599	2616	2634	2651
4468	2669	2687	2705	2723	2741	2759	2777	2795	2813	2831
4469	2849	2867	2886	2905	2923	2942	2961	2979	2998	3017
4470	3035	3055	3074	3093	3113	3132	3151	3170	3190	3209
4471	3228	3248	3268	3288	3308	3327	3347	3367	3387	3407
4472	3427	3447	3468	3488	3508	3527	3549	3570	3590	3611
4473	3631	3652	3673	3694	3715	3736	3757	3778	3799	3820
4474	3841	3863	3884	3906	3928	3949	3971	3992	4014	4036
4475	4057	4079	4102	4124	4146	4168	4190	4213	4235	4257
4476	4279	4302	4325	4348	4370	4393	4416	4439	4462	4484
4477	4507	4531	4554	4578	4601	4624	4648	4671	4695	4718
4478	4741	4765	4789	4813	4837	4861	4886	4910	4934	4958
4479	4982	5006	5031	5055	5080	5105	5129	5154	5179	5203
4480	5228	5253	5278	5304	5329	5354	5379	5404	5429	5455
4481	5480	5505	5531	5557	5582	5608	5633	5659	5684	5710
4482	5736	5762	5788	5814	5840	5866	5892	5918	5944	5971
4483	5997	6023	6050	6076	6103	6129	6156	6182	6209	6235
4484	6262	6289	6316	6343	6370	6397	6423	6450	6477	6504
4485	6531	6557	6584	6611	6638	6665	6692	6720	6747	6774
4486	6801	6828	6856	6883	6911	6938	6966	6993	7021	7048
4487	7076	7104	7131	7159	7187	7215	7243	7271	7300	7327
4488	7356	7384	7412	7441	7469	7497	7526	7554	7583	7611
4489	7640	7669	7698	7727	7756	7785	7814	7843	7872	7901
4490	7930	7960	7990	8020	8050	8080	8110	8140	8170	8200
4491	8230	8260	8290	8320	8350	8380	8410	8440	8470	8500
4492	8530	8560	8590	8620	8650	8680	8710	8740	8770	8800
4493	8830	8860	8890	8920	8950	8980	9010	9040	9070	9100
4494	9130	9160	9190	9220	9250	9280	9310	9340	9370	9400
4495	9430	9460	9490	9520	9550	9580	9610	9640	9670	9700
4496	9730	9760	9790	9820	9850	9880	9910	9940	9970	10000
4497	10030	10060	10090	10120	10150	10180	10210	10240	10270	10300
4498	10330	10360	10390	10420	10450	10480	10510	10540	10570	10600
4499	10630	10660	10690	10720	10750	10780	10810	10840	10870	10900
4500	10930	10960	10990	11020	11050	11080	11110	11140	11170	11200

PACULA RESERVOIR CAPACITY IN ACRES FEET

MAY 1967

ELEV	00	01	02	03	04	05	06	07	08	09
4500.0	11105	11101	11106	11107	11111	11114	11117	11121	11124	11128
01	11131	11136	11139	11141	11144	11146	11151	11155	11159	11161
02	11165	11169	11171	11175	11179	11182	11185	11188	11192	11195
03	11199	11202	11205	11209	11212	11215	11218	11222	11225	11228
04	11232	11236	11239	11242	11246	11249	11253	11256	11259	11263
05	11266	11269	11273	11276	11280	11283	11286	11290	11293	11296
06	11300	11303	11307	11310	11313	11317	11320	11324	11327	11330
07	11334	11337	11340	11344	11347	11351	11354	11357	11361	11364
08	11367	11371	11374	11378	11381	11384	11388	11391	11394	11398
09	11401	11405	11408	11411	11415	11418	11421	11425	11428	11432
4501.0	11435	11438	11442	11445	11449	11452	11456	11459	11462	11466
01	11469	11473	11476	11479	11483	11485	11489	11493	11497	11500
02	11503	11507	11510	11514	11517	11520	11524	11527	11531	11534
03	11537	11541	11544	11548	11551	11555	11558	11562	11565	11568
04	11572	11575	11579	11582	11585	11589	11592	11596	11599	11603
05	11606	11609	11613	11616	11620	11623	11626	11630	11633	11637
06	11640	11644	11647	11650	11654	11657	11661	11664	11668	11671
07	11674	11678	11681	11685	11688	11691	11695	11698	11702	11705
08	11709	11712	11715	11719	11722	11726	11729	11732	11735	11739
09	11743	11746	11750	11753	11756	11760	11763	11767	11770	11774
4502.0	11777	11780	11784	11787	11791	11794	11798	11801	11804	11808
01	11812	11815	11818	11822	11825	11829	11832	11836	11839	11843
02	11846	11850	11853	11857	11860	11863	11867	11870	11874	11877
03	11881	11884	11888	11891	11895	11898	11902	11905	11908	11912
04	11915	11919	11922	11926	11929	11933	11936	11940	11943	11946
05	11950	11953	11957	11960	11964	11967	11971	11974	11978	11981
06	11985	11988	11991	11995	11998	12002	12005	12009	12012	12016
07	12019	12022	12026	12029	12033	12036	12040	12043	12047	12050
08	12054	12057	12061	12064	12068	12071	12075	12078	12082	12085
09	12088	12092	12095	12099	12102	12106	12109	12113	12116	12120
4503.0	12123	12126	12130	12133	12137	12140	12144	12147	12151	12154
01	12158	12161	12165	12168	12172	12175	12179	12182	12186	12189
02	12193	12197	12200	12204	12207	12211	12214	12218	12221	12225
03	12228	12232	12235	12239	12242	12246	12249	12253	12256	12260
04	12263	12267	12270	12274	12277	12281	12284	12288	12291	12295
05	12298	12302	12305	12309	12312	12316	12319	12323	12326	12330
06	12333	12337	12340	12344	12347	12351	12354	12358	12361	12365
07	12368	12372	12375	12379	12382	12386	12389	12393	12396	12400
08	12403	12407	12410	12414	12417	12421	12424	12428	12431	12435
09	12438	12442	12445	12449	12452	12456	12459	12463	12466	12470
4504.0	12473	12477	12480	12484	12487	12491	12494	12498	12501	12505
01	12508	12512	12516	12519	12523	12526	12530	12533	12537	12540
02	12544	12547	12551	12555	12558	12562	12565	12569	12572	12576
03	12579	12583	12586	12590	12594	12597	12601	12604	12608	12611
04	12615	12618	12622	12625	12629	12632	12636	12639	12643	12647
05	12650	12654	12657	12661	12664	12668	12671	12675	12678	12682
06	12685	12689	12693	12696	12700	12703	12707	12710	12714	12718
07	12721	12725	12728	12732	12735	12739	12742	12746	12749	12753
08	12756	12760	12764	12767	12771	12774	12778	12781	12785	12788
09	12792	12795	12799	12803	12806	12810	12813	12817	12820	12824
4505.0	12827	12831	12834	12838	12842	12845	12849	12852	12856	12859
01	12863	12867	12870	12874	12877	12881	12884	12888	12891	12895
02	12899	12903	12906	12910	12913	12917	12920	12924	12927	12931
03	12935	12938	12942	12945	12949	12953	12956	12960	12963	12967
04	12971	12974	12978	12981	12985	12989	12992	12996	12999	13003
05	13006	13010	13014	13017	13021	13024	13028	13031	13035	13039
06	13042	13046	13049	13053	13057	13060	13064	13067	13071	13075
07	13078	13082	13085	13089	13092	13096	13100	13103	13107	13110
08	13114	13118	13121	13125	13128	13132	13135	13139	13143	13146
09	13150	13153	13157	13161	13164	13168	13171	13175	13178	13182
4506.0	13185	13189	13193	13197	13200	13204	13207	13211	13215	13218
01	13222	13225	13229	13233	13236	13240	13243	13247	13251	13254
02	13258	13262	13265	13269	13273	13276	13280	13283	13287	13291
03	13294	13298	13302	13305	13309	13312	13316	13319	13323	13327
04	13331	13334	13338	13341	13345	13349	13352	13356	13359	13363
05	13367	13370	13374	13378	13381	13385	13389	13392	13396	13399
06	13403	13407	13410	13414	13418	13421	13425	13428	13432	13435
07	13439	13443	13447	13450	13454	13457	13461	13465	13468	13472
08	13475	13479	13483	13486	13490	13494	13497	13501	13505	13508
09	13512	13515	13519	13523	13526	13530	13534	13537	13541	13544
4507.0	13548	13552	13555	13559	13563	13566	13570	13574	13577	13581
01	13585	13588	13592	13596	13599	13603	13607	13610	13614	13618
02	13621	13625	13628	13632	13636	13640	13643	13647	13651	13654
03	13658	13662	13665	13669	13673	13676	13680	13684	13687	13691
04	13695	13699	13702	13706	13709	13713	13717	13720	13724	13728
05	13731	13735	13739	13742	13746	13750	13753	13757	13761	13764
06	13768	13772	13775	13779	13783	13786	13790	13793	13797	13801
07	13805	13809	13812	13816	13819	13823	13827	13830	13834	13837
08	13841	13845	13849	13852	13856	13859	13863	13867	13871	13874
09	13878	13882	13885	13889	13893	13896	13900	13904	13907	13911
4508.0	13915	13918	13922	13926	13929	13933	13937	13940	13944	13948
01	13952	13955	13959	13963	13966	13970	13974	13977	13981	13984
02	13988	13992	13996	13999	14003	14007	14011	14014	14018	14022
03	14026	14029	14033	14037	14041	14044	14048	14052	14055	14059
04	14063	14066	14070	14074	14078	14081	14085	14089	14092	14096
05	14100	14104	14107	14111	14115	14118	14122	14125	14129	14133
06	14137	14141	14144	14148	14152	14155	14159	14163	14166	14170
07	14174	14178	14181	14185	14189	14192	14196	14200	14204	14207
08	14211	14215	14218	14222	14226	14229	14233	14237	14241	14244
09	14248	14252	14255	14259	14263	14267	14270	14274	14278	14281

PACTOLA RESERVOIR
CAPACITY IN ACRES FEET.

ELEV	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4509.0	14285	14289	14293	14296	14300	14304	14309	14311	14315	14317
.1	14323	14326	14330	14334	14338	14341	14345	14347	14351	14356
.2	14362	14366	14368	14371	14375	14377	14382	14386	14390	14394
.3	14397	14401	14405	14409	14412	14416	14420	14424	14427	14431
.4	14435	14439	14442	14446	14450	14454	14457	14461	14465	14469
.5	14472	14476	14480	14484	14487	14491	14495	14499	14502	14506
.6	14510	14514	14517	14521	14525	14529	14532	14536	14540	14544
.7	14547	14551	14555	14559	14562	14566	14570	14574	14577	14581
.8	14585	14589	14592	14596	14600	14604	14607	14611	14615	14619
.9	14622	14626	14630	14634	14637	14641	14645	14648	14652	14656
4510.0	14660	14664	14667	14671	14675	14679	14682	14686	14690	14694
.1	14698	14701	14705	14709	14713	14717	14720	14724	14728	14732
.2	14736	14739	14743	14747	14751	14755	14758	14762	14766	14770
.3	14773	14777	14781	14785	14789	14792	14796	14800	14804	14808
.4	14811	14815	14819	14823	14827	14830	14834	14838	14842	14846
.5	14849	14853	14857	14861	14864	14868	14872	14876	14880	14883
.6	14887	14891	14895	14899	14902	14906	14910	14914	14918	14921
.7	14925	14929	14933	14937	14940	14944	14948	14952	14956	14959
.8	14963	14967	14971	14974	14978	14982	14986	14990	14994	14997
.9	15001	15005	15008	15012	15016	15020	15024	15027	15031	15035
4511.0	15039	15043	15046	15050	15054	15058	15062	15066	15070	15073
.1	15077	15081	15085	15089	15093	15096	15100	15104	15108	15112
.2	15116	15119	15123	15127	15131	15135	15139	15142	15146	15150
.3	15154	15158	15162	15166	15169	15173	15177	15181	15185	15189
.4	15192	15196	15200	15204	15208	15212	15216	15219	15223	15227
.5	15231	15235	15238	15242	15246	15250	15254	15258	15261	15265
.6	15269	15273	15277	15281	15284	15288	15292	15296	15300	15304
.7	15307	15311	15315	15319	15323	15327	15331	15334	15338	15342
.8	15346	15350	15354	15357	15361	15365	15369	15373	15377	15380
.9	15384	15388	15392	15396	15400	15403	15407	15411	15415	15419
4512.0	15423	15427	15430	15434	15438	15442	15446	15450	15454	15458
.1	15462	15465	15469	15473	15477	15481	15485	15489	15493	15496
.2	15500	15504	15508	15512	15516	15520	15524	15528	15531	15535
.3	15539	15543	15547	15551	15555	15559	15563	15566	15570	15574
.4	15578	15582	15586	15590	15594	15598	15601	15605	15609	15613
.5	15617	15621	15625	15629	15632	15636	15640	15644	15648	15652
.6	15656	15660	15664	15667	15671	15675	15679	15683	15687	15691
.7	15695	15699	15702	15706	15710	15714	15718	15722	15726	15730
.8	15734	15737	15741	15745	15749	15753	15757	15761	15765	15769
.9	15772	15776	15780	15784	15788	15792	15796	15800	15804	15807
4513.0	15811	15815	15819	15823	15827	15831	15835	15839	15843	15847
.1	15851	15855	15858	15862	15866	15870	15874	15878	15882	15886
.2	15890	15894	15898	15902	15906	15910	15914	15917	15921	15925
.3	15929	15933	15937	15941	15945	15949	15953	15957	15961	15965
.4	15969	15973	15976	15980	15984	15988	15992	15996	16000	16004
.5	16008	16012	16016	16020	16024	16028	16032	16036	16039	16043
.6	16047	16051	16055	16059	16063	16067	16071	16075	16079	16083
.7	16087	16091	16094	16098	16102	16106	16110	16114	16118	16122
.8	16126	16130	16134	16138	16142	16146	16150	16154	16157	16161
.9	16165	16169	16173	16177	16181	16185	16189	16193	16197	16201
4514.0	16205	16209	16213	16217	16221	16224	16228	16232	16236	16240
.1	16244	16248	16252	16256	16260	16264	16268	16272	16276	16280
.2	16284	16288	16292	16296	16300	16304	16308	16312	16316	16320
.3	16324	16328	16332	16336	16340	16344	16348	16352	16356	16360
.4	16364	16368	16372	16376	16380	16384	16388	16392	16396	16400
.5	16404	16408	16412	16416	16420	16424	16428	16432	16436	16439
.6	16443	16447	16451	16455	16459	16463	16467	16471	16475	16479
.7	16483	16487	16491	16495	16499	16503	16507	16511	16515	16519
.8	16523	16527	16531	16535	16539	16543	16547	16551	16555	16559
.9	16563	16567	16571	16575	16579	16583	16587	16591	16595	16599
4515.0	16603	16607	16611	16615	16619	16623	16627	16631	16635	16639
.1	16643	16647	16651	16655	16659	16663	16667	16671	16675	16679
.2	16683	16687	16691	16695	16699	16703	16707	16711	16715	16720
.3	16724	16728	16732	16736	16740	16744	16748	16752	16756	16760
.4	16764	16768	16772	16776	16780	16784	16788	16792	16796	16800
.5	16804	16808	16812	16816	16820	16824	16828	16832	16836	16840
.6	16844	16848	16853	16857	16861	16865	16869	16873	16877	16881
.7	16885	16889	16893	16897	16901	16905	16909	16913	16917	16921
.8	16925	16929	16933	16937	16941	16945	16949	16953	16957	16961
.9	16965	16969	16973	16977	16981	16985	16989	16994	16998	17002
4516.0	17006	17010	17014	17018	17022	17026	17030	17034	17038	17042
.1	17046	17050	17054	17058	17062	17066	17070	17074	17078	17082
.2	17087	17091	17095	17099	17103	17107	17111	17115	17119	17123
.3	17128	17132	17136	17140	17144	17148	17152	17156	17161	17165
.4	17169	17173	17177	17181	17185	17189	17193	17197	17201	17205
.5	17209	17214	17218	17222	17226	17230	17234	17238	17242	17246
.6	17250	17254	17258	17262	17266	17270	17274	17278	17282	17286
.7	17291	17295	17299	17303	17307	17311	17315	17319	17324	17328
.8	17332	17336	17340	17344	17348	17352	17356	17360	17364	17368
.9	17373	17377	17381	17385	17389	17393	17397	17401	17405	17409
4517.0	17413	17417	17422	17426	17430	17434	17438	17442	17446	17450
.1	17455	17459	17463	17467	17471	17475	17479	17483	17487	17491
.2	17496	17500	17504	17508	17512	17516	17520	17524	17528	17532
.3	17537	17541	17545	17549	17553	17557	17561	17565	17569	17574
.4	17578	17582	17587	17591	17595	17599	17603	17607	17611	17615
.5	17620	17624	17628	17632	17636	17640	17644	17648	17653	17657
.6	17661	17665	17669	17673	17677	17681	17685	17689	17693	17697
.7	17702	17706	17710	17714	17718	17722	17726	17731	17735	17739
.8	17743	17747	17752	17756	17760	17764	17768	17772	17776	17780
.9	17785	17789	17793	17797	17801	17805	17809	17813	17818	17822

PAC DLA RESERVOIR
CAPACITY IN ACRES FEET

ELEV	.01	.02	.03	.04	.05	.06	.07	.08	.09
4518.0	17826	17835	17835	17838	17842	17847	17851	17855	17859
.1	17860	17872	17874	17880	17884	17888	17893	17897	17901
.2	17909	17919	17925	17930	17934	17938	17943	17947	17951
.3	17951	17955	17957	17964	17966	17972	17976	17980	17984
.4	17999	17997	18001	18005	18009	18014	18018	18022	18026
.5	18034	18039	18041	18047	18051	18055	18059	18064	18068
.6	18076	18080	18084	18089	18093	18097	18101	18105	18109
.7	18116	18122	18126	18130	18135	18139	18143	18147	18151
.8	18160	18164	18168	18172	18176	18180	18184	18188	18192
.9	18201	18206	18210	18214	18218	18222	18226	18231	18235
4519.0	18243	18247	18252	18256	18260	18264	18268	18273	18277
.1	18285	18289	18294	18298	18302	18306	18311	18315	18319
.2	18328	18332	18336	18340	18344	18349	18353	18357	18361
.3	18370	18374	18378	18382	18387	18391	18395	18399	18403
.4	18412	18416	18420	18425	18429	18433	18437	18441	18445
.5	18454	18458	18463	18467	18471	18475	18479	18483	18487
.6	18496	18501	18505	18509	18513	18517	18522	18526	18530
.7	18539	18543	18547	18551	18555	18560	18564	18568	18572
.8	18581	18585	18589	18593	18598	18602	18606	18610	18614
.9	18623	18627	18631	18636	18640	18644	18648	18653	18657
4520.0	18665	18669	18674	18678	18682	18687	18691	18695	18699
.1	18708	18712	18716	18721	18725	18729	18734	18738	18742
.2	18751	18755	18759	18764	18768	18772	18776	18781	18785
.3	18793	18798	18802	18806	18811	18815	18819	18823	18827
.4	18836	18840	18845	18849	18853	18858	18862	18866	18870
.5	18877	18881	18886	18890	18894	18898	18903	18907	18911
.6	18922	18926	18930	18934	18938	18943	18947	18951	18955
.7	18964	18968	18973	18977	18982	18986	18990	18994	18998
.8	19007	19011	19016	19020	19024	19029	19033	19037	19041
.9	19050	19054	19058	19063	19067	19071	19076	19080	19084
4521.0	19093	19097	19101	19106	19110	19114	19118	19123	19127
.1	19136	19140	19145	19149	19153	19158	19162	19166	19171
.2	19179	19184	19188	19192	19197	19201	19205	19210	19214
.3	19223	19227	19231	19236	19240	19244	19249	19253	19257
.4	19266	19270	19275	19279	19283	19288	19292	19296	19301
.5	19314	19318	19323	19327	19331	19335	19339	19344	19348
.6	19353	19357	19361	19366	19370	19374	19379	19383	19387
.7	19396	19400	19405	19409	19413	19418	19422	19426	19431
.8	19439	19444	19448	19452	19457	19461	19465	19470	19474
.9	19483	19487	19491	19496	19500	19504	19509	19513	19517
4522.0	19525	19529	19533	19538	19542	19546	19550	19555	19559
.1	19570	19574	19578	19583	19587	19591	19595	19599	19604
.2	19614	19618	19623	19627	19632	19636	19640	19644	19648
.3	19658	19662	19667	19671	19676	19680	19684	19688	19693
.4	19702	19706	19711	19715	19719	19724	19728	19733	19737
.5	19746	19750	19755	19759	19763	19768	19772	19776	19781
.6	19790	19794	19799	19803	19807	19812	19816	19821	19825
.7	19834	19838	19843	19847	19851	19856	19860	19864	19869
.8	19879	19883	19888	19892	19896	19901	19905	19909	19914
.9	19922	19926	19930	19935	19939	19944	19948	19952	19956
4523.0	19966	19970	19974	19979	19983	19987	19991	19995	20000
.1	20010	20015	20019	20023	20028	20032	20037	20041	20045
.2	20055	20059	20064	20068	20073	20077	20081	20085	20090
.3	20099	20104	20108	20113	20117	20121	20126	20130	20134
.4	20144	20148	20153	20157	20162	20166	20170	20175	20179
.5	20188	20193	20197	20202	20206	20211	20215	20220	20224
.6	20233	20237	20242	20246	20251	20255	20260	20264	20269
.7	20277	20282	20286	20291	20295	20300	20304	20309	20313
.8	20322	20326	20331	20335	20340	20344	20349	20353	20357
.9	20367	20371	20375	20380	20384	20389	20393	20397	20402
4524.0	20411	20416	20420	20425	20429	20434	20438	20443	20447
.1	20456	20461	20465	20470	20474	20479	20483	20488	20492
.2	20501	20506	20510	20515	20519	20524	20528	20533	20537
.3	20547	20551	20556	20560	20565	20569	20574	20578	20583
.4	20592	20596	20601	20605	20610	20614	20619	20623	20628
.5	20637	20641	20646	20650	20655	20659	20664	20668	20673
.6	20682	20686	20691	20695	20700	20704	20709	20713	20718
.7	20727	20732	20736	20741	20745	20750	20754	20759	20763
.8	20772	20777	20781	20786	20790	20795	20799	20804	20808
.9	20817	20822	20826	20831	20835	20840	20844	20849	20853
4525.0	20863	20867	20872	20876	20881	20885	20890	20894	20898
.1	20909	20913	20918	20922	20927	20931	20935	20940	20944
.2	20954	20958	20963	20968	20972	20977	20981	20985	20990
.3	20999	21004	21008	21013	21017	21022	21026	21031	21035
.4	21044	21048	21053	21057	21061	21066	21070	21075	21079
.5	21088	21093	21097	21102	21106	21111	21115	21120	21124
.6	21133	21137	21142	21146	21151	21155	21160	21164	21169
.7	21179	21183	21188	21192	21197	21201	21206	21210	21215
.8	21224	21229	21233	21238	21242	21247	21251	21256	21260
.9	21274	21278	21283	21287	21291	21296	21300	21305	21309
4526.0	21322	21326	21331	21335	21340	21344	21349	21353	21357
.1	21367	21371	21376	21380	21385	21389	21394	21398	21402
.2	21413	21418	21422	21427	21431	21436	21440	21445	21449
.3	21454	21458	21463	21467	21471	21476	21480	21485	21489
.4	21504	21508	21513	21517	21522	21526	21531	21535	21540
.5	21552	21556	21561	21565	21570	21574	21579	21583	21587
.6	21596	21601	21605	21610	21614	21619	21623	21628	21632
.7	21645	21649	21654	21658	21663	21667	21672	21676	21680
.8	21691	21695	21700	21704	21709	21713	21718	21722	21726
.9	21735	21739	21744	21748	21753	21757	21762	21766	21770

PACTOLA RESERVOIR CAPACITY IN ALK. FEET

ELEV.	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4527.0	21784	21789	21793	21798	21803	21807	21812	21817	21821	21826
.1	21831	21836	21840	21845	21850	21854	21859	21864	21868	21873
.2	21878	21883	21887	21892	21897	21901	21906	21911	21915	21920
.3	21925	21930	21934	21939	21944	21948	21953	21958	21962	21967
.4	21972	21977	21981	21986	21991	21995	22000	22005	22009	22014
.5	22019	22023	22028	22033	22038	22042	22047	22052	22056	22061
.6	22066	22070	22075	22080	22085	22089	22094	22099	22103	22108
.7	22113	22117	22122	22127	22132	22136	22141	22146	22150	22155
.8	22160	22164	22169	22174	22179	22183	22188	22193	22197	22202
.9	22207	22211	22216	22221	22226	22230	22235	22240	22244	22249
4528.0	22254	22258	22263	22268	22273	22277	22282	22287	22292	22297
.1	22301	22306	22311	22316	22320	22325	22330	22335	22339	22344
.2	22349	22354	22358	22363	22368	22373	22377	22382	22387	22392
.3	22396	22401	22406	22411	22416	22420	22425	22430	22435	22439
.4	22444	22449	22454	22458	22463	22468	22473	22477	22482	22487
.5	22492	22496	22501	22506	22511	22515	22520	22525	22530	22535
.6	22539	22544	22549	22554	22558	22563	22568	22573	22577	22582
.7	22587	22592	22596	22601	22606	22611	22615	22620	22625	22630
.8	22634	22639	22644	22649	22653	22658	22663	22668	22673	22677
.9	22682	22687	22692	22696	22701	22706	22711	22715	22720	22725
4529.0	22730	22734	22739	22744	22748	22753	22757	22763	22768	22773
.1	22778	22783	22788	22792	22797	22802	22807	22812	22817	22821
.2	22826	22831	22836	22841	22845	22850	22855	22860	22865	22869
.3	22874	22879	22884	22889	22894	22898	22903	22908	22913	22918
.4	22922	22927	22932	22937	22942	22947	22951	22956	22961	22966
.5	22971	22976	22980	22985	22990	22995	23000	23005	23009	23014
.6	23019	23024	23029	23033	23038	23043	23048	23053	23057	23062
.7	23067	23072	23077	23082	23086	23091	23096	23101	23106	23111
.8	23115	23120	23125	23130	23135	23139	23144	23149	23154	23159
.9	23164	23169	23173	23178	23183	23188	23192	23197	23202	23207
4530.0	23212	23217	23222	23226	23231	23236	23241	23246	23251	23256
.1	23261	23265	23270	23275	23280	23285	23290	23295	23300	23305
.2	23309	23314	23319	23324	23329	23334	23339	23344	23349	23354
.3	23358	23363	23368	23373	23378	23383	23387	23392	23397	23402
.4	23407	23412	23417	23422	23427	23431	23436	23441	23446	23451
.5	23456	23461	23466	23470	23475	23480	23485	23490	23495	23500
.6	23505	23509	23514	23519	23524	23529	23534	23539	23544	23549
.7	23553	23558	23563	23568	23573	23578	23583	23588	23593	23597
.8	23602	23607	23612	23617	23622	23627	23632	23637	23642	23647
.9	23651	23656	23661	23666	23671	23675	23680	23685	23690	23695
4531.0	23700	23705	23710	23715	23720	23725	23729	23734	23739	23744
.1	23749	23754	23759	23764	23769	23774	23779	23784	23789	23794
.2	23799	23804	23809	23813	23818	23823	23828	23833	23838	23843
.3	23848	23853	23858	23863	23868	23873	23878	23883	23887	23892
.4	23897	23902	23907	23912	23917	23922	23927	23932	23937	23942
.5	23947	23952	23957	23962	23967	23971	23976	23981	23986	23991
.6	23996	24001	24006	24011	24016	24021	24026	24031	24036	24041
.7	24046	24051	24056	24060	24065	24070	24075	24080	24085	24090
.8	24095	24100	24105	24110	24115	24120	24125	24130	24135	24140
.9	24144	24149	24154	24159	24164	24169	24174	24179	24184	24189
4532.0	24194	24199	24204	24209	24214	24219	24224	24229	24234	24239
.1	24244	24249	24254	24259	24264	24269	24274	24279	24284	24289
.2	24294	24299	24304	24309	24314	24319	24324	24329	24334	24339
.3	24344	24349	24354	24359	24364	24369	24374	24379	24384	24389
.4	24394	24399	24404	24409	24414	24419	24424	24429	24434	24439
.5	24444	24449	24454	24459	24464	24469	24474	24479	24484	24489
.6	24494	24499	24504	24509	24514	24519	24524	24529	24534	24539
.7	24544	24549	24554	24559	24564	24569	24574	24579	24584	24589
.8	24594	24599	24604	24609	24614	24619	24624	24629	24634	24639
.9	24644	24649	24654	24659	24664	24669	24674	24679	24684	24689
4533.0	24694	24699	24704	24709	24714	24719	24724	24729	24734	24739
.1	24744	24749	24754	24759	24764	24769	24774	24779	24784	24789
.2	24794	24799	24804	24809	24814	24819	24824	24829	24834	24839
.3	24844	24849	24854	24859	24864	24869	24874	24879	24884	24889
.4	24894	24899	24904	24909	24914	24919	24924	24929	24934	24939
.5	24944	24949	24954	24959	24964	24969	24974	24979	24984	24989
.6	24994	24999	25004	25009	25014	25019	25024	25029	25034	25039
.7	25044	25049	25054	25059	25064	25069	25074	25079	25084	25089
.8	25094	25099	25104	25109	25114	25119	25124	25129	25134	25139
.9	25144	25149	25154	25159	25164	25169	25174	25179	25184	25189
4534.0	25194	25199	25204	25209	25214	25219	25224	25229	25234	25239
.1	25244	25249	25254	25259	25264	25269	25274	25279	25284	25289
.2	25294	25299	25304	25309	25314	25319	25324	25329	25334	25339
.3	25344	25349	25354	25359	25364	25369	25374	25379	25384	25389
.4	25394	25399	25404	25409	25414	25419	25424	25429	25434	25439
.5	25444	25449	25454	25459	25464	25469	25474	25479	25484	25489
.6	25494	25499	25504	25509	25514	25519	25524	25529	25534	25539
.7	25544	25549	25554	25559	25564	25569	25574	25579	25584	25589
.8	25594	25599	25604	25609	25614	25619	25624	25629	25634	25639
.9	25644	25649	25654	25659	25664	25669	25674	25679	25684	25689
4535.0	25694	25699	25704	25709	25714	25719	25724	25729	25734	25739
.1	25744	25749	25754	25759	25764	25769	25774	25779	25784	25789
.2	25794	25799	25804	25809	25814	25819	25824	25829	25834	25839
.3	25844	25849	25854	25859	25864	25869	25874	25879	25884	25889
.4	25894	25899	25904	25909	25914	25919	25924	25929	25934	25939
.5	25944	25949	25954	25959	25964	25969	25974	25979	25984	25989
.6	25994	25999	26004	26009	26014	26019	26024	26029	26034	26039
.7	26044	26049	26054	26059	26064	26069	26074	26079	26084	26089
.8	26094	26099	26104	26109	26114	26119	26124	26129	26134	26139
.9	26144	26149	26154	26159	26164	26169	26174	26179	26184	26189

PAC LA WILSON
CAPACITY IN ACRES FEET

ELEV	.01	.02	.03	.04	.05	.06	.07	.08	.09
4536.0	26222	26222	26226	26230	26234	26238	26242	26246	26250
.1	26227	26231	26235	26239	26243	26247	26251	26255	26259
.2	26232	26236	26240	26244	26248	26252	26256	26260	26264
.3	26237	26241	26245	26249	26253	26257	26261	26265	26269
.4	26242	26246	26250	26254	26258	26262	26266	26270	26274
.5	26247	26251	26255	26259	26263	26267	26271	26275	26279
.6	26252	26256	26260	26264	26268	26272	26276	26280	26284
.7	26257	26261	26265	26269	26273	26277	26281	26285	26289
.8	26262	26266	26270	26274	26278	26282	26286	26290	26294
.9	26267	26271	26275	26279	26283	26287	26291	26295	26299
4537.0	26250	26255	26261	26266	26271	26276	26281	26286	26291
.1	26255	26260	26265	26270	26275	26280	26285	26290	26295
.2	26260	26265	26270	26275	26280	26285	26290	26295	26300
.3	26265	26270	26275	26280	26285	26290	26295	26300	26305
.4	26270	26275	26280	26285	26290	26295	26300	26305	26310
.5	26275	26280	26285	26290	26295	26300	26305	26310	26315
.6	26280	26285	26290	26295	26300	26305	26310	26315	26320
.7	26285	26290	26295	26300	26305	26310	26315	26320	26325
.8	26290	26295	26300	26305	26310	26315	26320	26325	26330
.9	26295	26300	26305	26310	26315	26320	26325	26330	26335
4538.0	26275	26280	26285	26290	26295	26300	26305	26310	26315
.1	26280	26285	26290	26295	26300	26305	26310	26315	26320
.2	26285	26290	26295	26300	26305	26310	26315	26320	26325
.3	26290	26295	26300	26305	26310	26315	26320	26325	26330
.4	26295	26300	26305	26310	26315	26320	26325	26330	26335
.5	26300	26305	26310	26315	26320	26325	26330	26335	26340
.6	26305	26310	26315	26320	26325	26330	26335	26340	26345
.7	26310	26315	26320	26325	26330	26335	26340	26345	26350
.8	26315	26320	26325	26330	26335	26340	26345	26350	26355
.9	26320	26325	26330	26335	26340	26345	26350	26355	26360
4539.0	26315	26320	26325	26330	26335	26340	26345	26350	26355
.1	26320	26325	26330	26335	26340	26345	26350	26355	26360
.2	26325	26330	26335	26340	26345	26350	26355	26360	26365
.3	26330	26335	26340	26345	26350	26355	26360	26365	26370
.4	26335	26340	26345	26350	26355	26360	26365	26370	26375
.5	26340	26345	26350	26355	26360	26365	26370	26375	26380
.6	26345	26350	26355	26360	26365	26370	26375	26380	26385
.7	26350	26355	26360	26365	26370	26375	26380	26385	26390
.8	26355	26360	26365	26370	26375	26380	26385	26390	26395
.9	26360	26365	26370	26375	26380	26385	26390	26395	26400
4540.0	26360	26365	26370	26375	26380	26385	26390	26395	26400
.1	26365	26370	26375	26380	26385	26390	26395	26400	26405
.2	26370	26375	26380	26385	26390	26395	26400	26405	26410
.3	26375	26380	26385	26390	26395	26400	26405	26410	26415
.4	26380	26385	26390	26395	26400	26405	26410	26415	26420
.5	26385	26390	26395	26400	26405	26410	26415	26420	26425
.6	26390	26395	26400	26405	26410	26415	26420	26425	26430
.7	26395	26400	26405	26410	26415	26420	26425	26430	26435
.8	26400	26405	26410	26415	26420	26425	26430	26435	26440
.9	26405	26410	26415	26420	26425	26430	26435	26440	26445
4541.0	26405	26410	26415	26420	26425	26430	26435	26440	26445
.1	26410	26415	26420	26425	26430	26435	26440	26445	26450
.2	26415	26420	26425	26430	26435	26440	26445	26450	26455
.3	26420	26425	26430	26435	26440	26445	26450	26455	26460
.4	26425	26430	26435	26440	26445	26450	26455	26460	26465
.5	26430	26435	26440	26445	26450	26455	26460	26465	26470
.6	26435	26440	26445	26450	26455	26460	26465	26470	26475
.7	26440	26445	26450	26455	26460	26465	26470	26475	26480
.8	26445	26450	26455	26460	26465	26470	26475	26480	26485
.9	26450	26455	26460	26465	26470	26475	26480	26485	26490
4542.0	26450	26455	26460	26465	26470	26475	26480	26485	26490
.1	26455	26460	26465	26470	26475	26480	26485	26490	26495
.2	26460	26465	26470	26475	26480	26485	26490	26495	26500
.3	26465	26470	26475	26480	26485	26490	26495	26500	26505
.4	26470	26475	26480	26485	26490	26495	26500	26505	26510
.5	26475	26480	26485	26490	26495	26500	26505	26510	26515
.6	26480	26485	26490	26495	26500	26505	26510	26515	26520
.7	26485	26490	26495	26500	26505	26510	26515	26520	26525
.8	26490	26495	26500	26505	26510	26515	26520	26525	26530
.9	26495	26500	26505	26510	26515	26520	26525	26530	26535
4543.0	26500	26505	26510	26515	26520	26525	26530	26535	26540
.1	26505	26510	26515	26520	26525	26530	26535	26540	26545
.2	26510	26515	26520	26525	26530	26535	26540	26545	26550
.3	26515	26520	26525	26530	26535	26540	26545	26550	26555
.4	26520	26525	26530	26535	26540	26545	26550	26555	26560
.5	26525	26530	26535	26540	26545	26550	26555	26560	26565
.6	26530	26535	26540	26545	26550	26555	26560	26565	26570
.7	26535	26540	26545	26550	26555	26560	26565	26570	26575
.8	26540	26545	26550	26555	26560	26565	26570	26575	26580
.9	26545	26550	26555	26560	26565	26570	26575	26580	26585
4544.0	26550	26555	26560	26565	26570	26575	26580	26585	26590
.1	26555	26560	26565	26570	26575	26580	26585	26590	26595
.2	26560	26565	26570	26575	26580	26585	26590	26595	26600
.3	26565	26570	26575	26580	26585	26590	26595	26600	26605
.4	26570	26575	26580	26585	26590	26595	26600	26605	26610
.5	26575	26580	26585	26590	26595	26600	26605	26610	26615
.6	26580	26585	26590	26595	26600	26605	26610	26615	26620
.7	26585	26590	26595	26600	26605	26610	26615	26620	26625
.8	26590	26595	26600	26605	26610	26615	26620	26625	26630
.9	26595	26600	26605	26610	26615	26620	26625	26630	26635

PACTOLA RESERVOIR CAPACITY IN ACRES FEET

ELEV.	00	01	02	03	04	05	06	07	08	09
4545.0	31181	31154	31160	31166	31172	31177	31183	31189	31195	31201
01	31182	31155	31161	31167	31173	31178	31184	31190	31196	31202
02	31183	31156	31162	31168	31174	31179	31185	31191	31197	31203
03	31184	31157	31163	31169	31175	31180	31186	31192	31198	31204
04	31185	31158	31164	31170	31176	31181	31187	31193	31199	31205
05	31186	31159	31165	31171	31177	31182	31188	31194	31200	31206
06	31187	31160	31166	31172	31178	31183	31189	31195	31201	31207
07	31188	31161	31167	31173	31179	31184	31190	31196	31202	31208
08	31189	31162	31168	31174	31180	31185	31191	31197	31203	31209
09	31190	31163	31169	31175	31181	31186	31192	31198	31204	31210
4546.0	31191	31164	31170	31176	31182	31187	31193	31199	31205	31211
01	31192	31165	31171	31177	31183	31188	31194	31200	31206	31212
02	31193	31166	31172	31178	31184	31189	31195	31201	31207	31213
03	31194	31167	31173	31179	31185	31190	31196	31202	31208	31214
04	31195	31168	31174	31180	31186	31191	31197	31203	31209	31215
05	31196	31169	31175	31181	31187	31192	31198	31204	31210	31216
06	31197	31170	31176	31182	31188	31193	31199	31205	31211	31217
07	31198	31171	31177	31183	31189	31194	31200	31206	31212	31218
08	31199	31172	31178	31184	31190	31195	31201	31207	31213	31219
09	31200	31173	31179	31185	31191	31196	31202	31208	31214	31220
4547.0	31201	31174	31180	31186	31192	31197	31203	31209	31215	31221
01	31202	31175	31181	31187	31193	31198	31204	31210	31216	31222
02	31203	31176	31182	31188	31194	31199	31205	31211	31217	31223
03	31204	31177	31183	31189	31195	31200	31206	31212	31218	31224
04	31205	31178	31184	31190	31196	31201	31207	31213	31219	31225
05	31206	31179	31185	31191	31197	31202	31208	31214	31220	31226
06	31207	31180	31186	31192	31198	31203	31209	31215	31221	31227
07	31208	31181	31187	31193	31199	31204	31210	31216	31222	31228
08	31209	31182	31188	31194	31200	31205	31211	31217	31223	31229
09	31210	31183	31189	31195	31201	31206	31212	31218	31224	31230
4548.0	31211	31184	31190	31196	31202	31207	31213	31219	31225	31231
01	31212	31185	31191	31197	31203	31208	31214	31220	31226	31232
02	31213	31186	31192	31198	31204	31209	31215	31221	31227	31233
03	31214	31187	31193	31199	31205	31210	31216	31222	31228	31234
04	31215	31188	31194	31200	31206	31211	31217	31223	31229	31235
05	31216	31189	31195	31201	31207	31212	31218	31224	31230	31236
06	31217	31190	31196	31202	31208	31213	31219	31225	31231	31237
07	31218	31191	31197	31203	31209	31214	31220	31226	31232	31238
08	31219	31192	31198	31204	31210	31215	31221	31227	31233	31239
09	31220	31193	31199	31205	31211	31216	31222	31228	31234	31240
4549.0	31221	31194	31200	31206	31212	31217	31223	31229	31235	31241
01	31222	31195	31201	31207	31213	31218	31224	31230	31236	31242
02	31223	31196	31202	31208	31214	31219	31225	31231	31237	31243
03	31224	31197	31203	31209	31215	31220	31226	31232	31238	31244
04	31225	31198	31204	31210	31216	31221	31227	31233	31239	31245
05	31226	31199	31205	31211	31217	31222	31228	31234	31240	31246
06	31227	31200	31206	31212	31218	31223	31229	31235	31241	31247
07	31228	31201	31207	31213	31219	31224	31230	31236	31242	31248
08	31229	31202	31208	31214	31220	31225	31231	31237	31243	31249
09	31230	31203	31209	31215	31221	31226	31232	31238	31244	31250
4550.0	31231	31204	31210	31216	31222	31227	31233	31239	31245	31251
01	31232	31205	31211	31217	31223	31228	31234	31240	31246	31252
02	31233	31206	31212	31218	31224	31229	31235	31241	31247	31253
03	31234	31207	31213	31219	31225	31230	31236	31242	31248	31254
04	31235	31208	31214	31220	31226	31231	31237	31243	31249	31255
05	31236	31209	31215	31221	31227	31232	31238	31244	31250	31256
06	31237	31210	31216	31222	31228	31233	31239	31245	31251	31257
07	31238	31211	31217	31223	31229	31234	31240	31246	31252	31258
08	31239	31212	31218	31224	31230	31235	31241	31247	31253	31259
09	31240	31213	31219	31225	31231	31236	31242	31248	31254	31260
4551.0	31241	31214	31220	31226	31232	31237	31243	31249	31255	31261
01	31242	31215	31221	31227	31233	31238	31244	31250	31256	31262
02	31243	31216	31222	31228	31234	31239	31245	31251	31257	31263
03	31244	31217	31223	31229	31235	31240	31246	31252	31258	31264
04	31245	31218	31224	31230	31236	31241	31247	31253	31259	31265
05	31246	31219	31225	31231	31237	31242	31248	31254	31260	31266
06	31247	31220	31226	31232	31238	31243	31249	31255	31261	31267
07	31248	31221	31227	31233	31239	31244	31250	31256	31262	31268
08	31249	31222	31228	31234	31240	31245	31251	31257	31263	31269
09	31250	31223	31229	31235	31241	31246	31252	31258	31264	31270
4552.0	31251	31224	31230	31236	31242	31247	31253	31259	31265	31271
01	31252	31225	31231	31237	31243	31248	31254	31260	31266	31272
02	31253	31226	31232	31238	31244	31249	31255	31261	31267	31273
03	31254	31227	31233	31239	31245	31250	31256	31262	31268	31274
04	31255	31228	31234	31240	31246	31251	31257	31263	31269	31275
05	31256	31229	31235	31241	31247	31252	31258	31264	31270	31276
06	31257	31230	31236	31242	31248	31253	31259	31265	31271	31277
07	31258	31231	31237	31243	31249	31254	31260	31266	31272	31278
08	31259	31232	31238	31244	31250	31255	31261	31267	31273	31279
09	31260	31233	31239	31245	31251	31256	31262	31268	31274	31280
4553.0	31261	31234	31240	31246	31252	31257	31263	31269	31275	31281
01	31262	31235	31241	31247	31253	31258	31264	31270	31276	31282
02	31263	31236	31242	31248	31254	31259	31265	31271	31277	31283
03	31264	31237	31243	31249	31255	31260	31266	31272	31278	31284
04	31265	31238	31244	31250	31256	31261	31267	31273	31279	31285
05	31266	31239	31245	31251	31257	31262	31268	31274	31280	31286
06	31267	31240	31246	31252	31258	31263	31269	31275	31281	31287
07	31268	31241	31247	31253	31259	31264	31270	31276	31282	31288
08	31269	31242	31248	31254	31260	31265	31271	31277	31283	31289
09	31270	31243	31249	31255	31261	31266	31272	31278	31284	31290
4554.0	31271	31244	31250	31256	31262	31267	31273	31279	31285	31291
01	31272	31245	31251	31257	31263	31268	31274	31280	31286	31292
02	31273	31246	31252	31258	31264	31269	31275	31281	31287	31293
03	31274	31247	31253	31259	31265	31270	31276	31282	31288	31294
04	31275	31248	31254	31260	31266	31271	31277	31283	31289	31295
05	31276	31249	31255	31261	31267	31272	31278	31284	31290	31296
06	31277	31250	31256	31262	31268	31273	31279	31285	31291	31297
07	31278	31251	31257	31263	31269	31274	31280	31286	31292	31298
08	31279	31252	31258	31264	31270	31275	31281	31287	31293	31299
09	31280	31253	31259	31265	31271	31276	31282	31288	31294	31300
4555.0	31281	31254	31260	31266	31272	31277	31283	31289	31295	31301
01	31282	31255	31261	31267	31273	31278	31284	31290	31296	31302
02	31283	31256	31262	31268	31274	31279	31285	31291	31297	31303
03	31284	31257	31263	31269	31275	31280	31286	31292	31298	31304
04	31285	31258	31264	31270	31276	31281	31287	31293	31299	31305
05	31286	31259	31265	31271	31277	31282	31288	31294	31300	31306
06	31287	31260	31266	31272	31278	31283	31289	31295	31301	31307
07	31288	31261	31267	31273	31279	31284	31290</			

PACULA RESERVOIR
CAPACITY IN ACRES FEET

ELEV	4060	4070	4080	4090	4100	4110	4120	4130	4140	4150
4554.0	36504	36504	36505	36502	36505	36514	36521	36527	36534	36540
.1	36544	36559	36559	36564	36572	36578	36585	36591	36598	36604
.2	36577	36587	36593	36593	36597	36604	36611	36617	36624	36632
.3	36574	36581	36587	36594	36600	36606	36613	36619	36626	36632
.4	36588	36595	36601	36608	36614	36620	36627	36633	36640	36646
.5	36592	36599	36605	36612	36618	36624	36631	36637	36644	36650
.6	36595	36602	36608	36615	36621	36627	36634	36640	36647	36653
.7	36597	36604	36610	36617	36623	36629	36636	36642	36649	36655
.8	36599	36606	36612	36619	36625	36631	36638	36644	36651	36657
.9	36601	36608	36614	36621	36627	36633	36640	36646	36653	36659
4555.0	36622	36629	36635	36642	36648	36655	36661	36668	36674	36680
.1	36627	36634	36640	36647	36653	36660	36666	36673	36679	36685
.2	36632	36639	36645	36652	36658	36665	36671	36678	36684	36690
.3	36636	36643	36649	36656	36662	36669	36675	36682	36688	36694
.4	36641	36648	36654	36661	36667	36674	36680	36687	36693	36699
.5	36646	36653	36659	36666	36672	36679	36685	36692	36698	36704
.6	36651	36658	36664	36671	36677	36684	36690	36697	36703	36709
.7	36655	36662	36668	36675	36681	36688	36694	36701	36707	36713
.8	36659	36666	36672	36679	36685	36692	36698	36705	36711	36717
.9	36663	36670	36676	36683	36689	36696	36702	36709	36715	36721
4556.0	36677	36684	36690	36697	36703	36710	36716	36723	36729	36735
.1	36682	36689	36695	36702	36708	36715	36721	36728	36734	36740
.2	36686	36693	36699	36706	36712	36719	36725	36732	36738	36744
.3	36690	36697	36703	36710	36716	36723	36729	36736	36742	36748
.4	36694	36701	36707	36714	36720	36727	36733	36740	36746	36752
.5	36698	36705	36711	36718	36724	36731	36737	36744	36750	36756
.6	36702	36709	36715	36722	36728	36735	36741	36748	36754	36760
.7	36706	36713	36719	36726	36732	36739	36745	36752	36758	36764
.8	36710	36717	36723	36730	36736	36743	36749	36756	36762	36768
.9	36714	36721	36727	36734	36740	36747	36753	36760	36766	36772
4557.0	36728	36735	36741	36748	36754	36761	36767	36774	36780	36786
.1	36733	36740	36746	36753	36759	36766	36772	36779	36785	36791
.2	36737	36744	36750	36757	36763	36770	36776	36783	36789	36795
.3	36741	36748	36754	36761	36767	36774	36780	36787	36793	36799
.4	36745	36752	36758	36765	36771	36778	36784	36791	36797	36803
.5	36749	36756	36762	36769	36775	36782	36788	36795	36801	36807
.6	36753	36760	36766	36773	36779	36786	36792	36799	36805	36811
.7	36757	36764	36770	36777	36783	36790	36796	36803	36809	36815
.8	36761	36768	36774	36781	36787	36794	36800	36807	36813	36819
.9	36765	36772	36778	36785	36791	36798	36804	36811	36817	36823
4558.0	36779	36786	36792	36799	36805	36812	36818	36825	36831	36837
.1	36784	36791	36797	36804	36810	36817	36823	36830	36836	36842
.2	36788	36795	36801	36808	36814	36821	36827	36834	36840	36846
.3	36792	36799	36805	36812	36818	36825	36831	36838	36844	36850
.4	36796	36803	36809	36816	36822	36829	36835	36842	36848	36854
.5	36800	36807	36813	36820	36826	36833	36839	36846	36852	36858
.6	36804	36811	36817	36824	36830	36837	36843	36850	36856	36862
.7	36808	36815	36821	36828	36834	36841	36847	36854	36860	36866
.8	36812	36819	36825	36832	36838	36845	36851	36858	36864	36870
.9	36816	36823	36829	36836	36842	36849	36855	36862	36868	36874
4559.0	36830	36837	36843	36850	36856	36863	36869	36876	36882	36888
.1	36835	36842	36848	36855	36861	36868	36874	36881	36887	36893
.2	36839	36846	36852	36859	36865	36872	36878	36885	36891	36897
.3	36843	36850	36856	36863	36869	36876	36882	36889	36895	36901
.4	36847	36854	36860	36867	36873	36880	36886	36893	36899	36905
.5	36851	36858	36864	36871	36877	36884	36890	36897	36903	36909
.6	36855	36862	36868	36875	36881	36888	36894	36901	36907	36913
.7	36859	36866	36872	36879	36885	36892	36898	36905	36911	36917
.8	36863	36870	36876	36883	36889	36896	36902	36909	36915	36921
.9	36867	36874	36880	36887	36893	36900	36906	36913	36919	36925
4560.0	36881	36888	36894	36901	36907	36914	36920	36927	36933	36939
.1	36886	36893	36899	36906	36912	36919	36925	36932	36938	36944
.2	36890	36897	36903	36910	36916	36923	36929	36936	36942	36948
.3	36894	36901	36907	36914	36920	36927	36933	36940	36946	36952
.4	36898	36905	36911	36918	36924	36931	36937	36944	36950	36956
.5	36902	36909	36915	36922	36928	36935	36941	36948	36954	36960
.6	36906	36913	36919	36926	36932	36939	36945	36952	36958	36964
.7	36910	36917	36923	36930	36936	36943	36949	36956	36962	36968
.8	36914	36921	36927	36934	36940	36947	36953	36960	36966	36972
.9	36918	36925	36931	36938	36944	36951	36957	36964	36970	36976
4561.0	36932	36939	36945	36952	36958	36965	36971	36978	36984	36990
.1	36937	36944	36950	36957	36963	36970	36976	36983	36989	36995
.2	36941	36948	36954	36961	36967	36974	36980	36987	36993	36999
.3	36945	36952	36958	36965	36971	36978	36984	36991	36997	37003
.4	36949	36956	36962	36969	36975	36982	36988	36995	37001	37007
.5	36953	36960	36966	36973	36979	36986	36992	36999	37005	37011
.6	36957	36964	36970	36977	36983	36990	36996	37003	37009	37015
.7	36961	36968	36974	36981	36987	36994	37000	37007	37013	37019
.8	36965	36972	36978	36985	36991	36998	37004	37011	37017	37023
.9	36969	36976	36982	36989	36995	37002	37008	37015	37021	37027
4562.0	36983	36990	36996	37003	37009	37016	37022	37029	37035	37041
.1	36988	36995	37001	37008	37014	37021	37027	37034	37040	37046
.2	36992	36999	37005	37012	37018	37025	37031	37038	37044	37050
.3	36996	37003	37009	37016	37022	37029	37035	37042	37048	37054
.4	36999	37006	37012	37019	37025	37032	37038	37045	37051	37057
.5	37003	37010	37016	37023	37029	37036	37042	37049	37055	37061
.6	37007	37014	37020	37027	37033	37040	37046	37053	37059	37065
.7	37011	37018	37024	37031	37037	37044	37050	37057	37063	37069
.8	37015	37022	37028	37035	37041	37048	37054	37061	37067	37073
.9	37019	37026	37032	37039	37045	37052	37058	37065	37071	37077
4563.0	37033	37040	37046	37053	37059	37066	37072	37079	37085	37091
.1	37038	37045	37051	37058	37064	37071	37077	37084	37090	37096
.2	37042	37049	37055	37062	37068	37075	37081	37088	37094	37100
.3	37046	37053	37059	37066	37072	37079	37085	37092	37098	37104
.4	37050	37057	37063	37070	37076	37083	37089	37096	37102	37108
.5	37054	37061	37067	37074	37080	37087	37093	37100	37106	37112
.6	37058	37065	37071	37078	37084	37091	37097	37104	37110	37116
.7	37062	37069	37075	37082	37088	37095	37101	37108	37114	37120
.8	37066	37073	37079	37086	37092	37099	37105	37112	37118	37124
.9	37070	37077	37083	37090	37096	37103	37109	37115	37122	37128
4564.0	37084	37091	37097	37104	37110	37117	37123	37130	37136	37142
.1	37089	37096	37102	37109	37115	37122	37128	37135	37141	37147
.2	37093	37100	37106	37113	37119	37126	37132	37139	37145	37151
.3	37097	37104	37110	37117	37123	37130	37136	37143	37149	37155
.4	37101	37108	37114	37121	37127	37134	37140	37147	37153	37159
.5	37105	37112	37118	37125	37131	37138	37144	37151	37157	37163
.6	37109	37116	37122	37129	37135	37142	37148	37155	37161	37167
.7	37113	37120	37126	37133	37139	37146	37152	37159	37165	37171
.8	37117	37124	37130	37137						

PACTOLA RESERVOIR CAPACITY IN ACRES FEET

ELEV	00	01	02	03	04	05	06	07	08	09
4563.0	42616	42721	42837	42957	43084	43218	43358	43505	43658	43818
01	42637	42744	42861	42982	43109	43243	43383	43530	43683	43843
02	42757	42865	42982	43103	43230	43364	43504	43651	43804	43964
03	42878	42986	43103	43224	43351	43485	43625	43772	43925	44085
04	42899	43006	43123	43244	43371	43505	43645	43792	43945	44105
05	42973	43080	43197	43318	43445	43579	43719	43866	44019	44181
06	43044	43151	43268	43389	43516	43650	43790	43937	44090	44252
07	43111	43218	43335	43456	43583	43717	43857	44004	44157	44319
08	43182	43289	43406	43527	43654	43788	43928	44075	44228	44390
09	43253	43360	43477	43598	43725	43859	43999	44146	44299	44461
4564.0	43371	43478	43595	43716	43843	43977	44117	44264	44417	44579
01	43395	43502	43619	43740	43867	44001	44141	44288	44441	44603
02	43466	43573	43690	43811	43938	44072	44212	44359	44512	44674
03	43538	43645	43762	43883	44010	44144	44284	44431	44584	44746
04	43609	43716	43833	43954	44081	44215	44355	44502	44655	44817
05	43681	43788	43905	44026	44153	44287	44427	44574	44727	44889
06	43752	43859	43976	44097	44224	44358	44498	44645	44798	44960
07	43824	43931	44048	44169	44296	44430	44569	44716	44869	45031
08	43895	44002	44119	44240	44367	44501	44641	44788	44941	45103
09	43967	44074	44191	44312	44439	44573	44713	44860	45013	45175
4565.0	44038	44145	44262	44383	44510	44644	44784	44931	45084	45246
01	44111	44218	44335	44456	44583	44717	44857	45004	45157	45319
02	44182	44289	44406	44527	44654	44788	44928	45075	45228	45390
03	44253	44360	44477	44598	44725	44859	45000	45146	45299	45461
04	44327	44434	44551	44672	44799	44933	45073	45220	45373	45535
05	44399	44506	44623	44744	44871	45005	45145	45292	45445	45607
06	44472	44579	44696	44817	44944	45078	45218	45365	45518	45680
07	44544	44651	44768	44889	45016	45150	45290	45437	45590	45752
08	44616	44723	44840	44961	45088	45222	45362	45509	45662	45824
09	44688	44795	44912	45033	45160	45294	45434	45581	45734	45896
4566.0	44760	44867	44984	45105	45232	45366	45506	45653	45806	45968
01	44833	44940	45057	45178	45305	45439	45579	45726	45879	46041
02	44905	45012	45129	45250	45377	45511	45651	45798	45951	46113
03	44977	45084	45201	45322	45449	45583	45723	45870	46023	46185
04	45052	45159	45276	45397	45524	45658	45798	45945	46098	46260
05	45125	45232	45349	45470	45597	45731	45871	46018	46171	46333
06	45198	45305	45422	45543	45670	45804	45944	46091	46244	46406
07	45271	45378	45495	45616	45743	45877	46017	46164	46317	46479
08	45344	45451	45568	45689	45816	45950	46090	46237	46390	46552
09	45417	45524	45641	45762	45889	46023	46163	46310	46463	46625
4567.0	45490	45597	45714	45835	45962	46096	46236	46383	46536	46698
01	45564	45671	45788	45909	46036	46170	46310	46457	46610	46772
02	45637	45744	45861	45982	46109	46243	46383	46530	46683	46845
03	45711	45818	45935	46056	46183	46317	46457	46604	46757	46919
04	45785	45892	46009	46130	46257	46391	46531	46678	46831	46993
05	45858	45965	46082	46203	46330	46464	46604	46751	46904	47066
06	45932	46039	46156	46277	46404	46538	46678	46825	46978	47140
07	46005	46112	46229	46350	46477	46611	46751	46898	47051	47213
08	46079	46186	46303	46424	46551	46685	46825	46972	47125	47287
09	46153	46260	46377	46498	46625	46759	46899	47046	47199	47361
4568.0	46227	46334	46451	46572	46699	46833	46973	47118	47269	47431
01	46301	46408	46525	46646	46773	46907	47047	47194	47347	47509
02	46375	46482	46599	46720	46847	46981	47121	47268	47421	47583
03	46450	46557	46674	46795	46922	47056	47196	47343	47496	47658
04	46524	46631	46748	46869	46996	47130	47270	47417	47570	47732
05	46599	46706	46823	46944	47071	47205	47345	47492	47645	47807
06	46673	46780	46897	47018	47145	47279	47419	47566	47719	47881
07	46747	46854	46971	47092	47219	47353	47493	47640	47793	47955
08	46822	46929	47046	47167	47294	47428	47568	47715	47868	48030
09	46896	46993	47110	47231	47358	47492	47632	47779	47932	48094
4569.0	46971	47078	47195	47316	47443	47577	47717	47864	48017	48179
01	47046	47153	47270	47391	47518	47652	47792	47939	48092	48254
02	47121	47228	47345	47466	47593	47727	47867	48014	48167	48329
03	47195	47302	47419	47540	47667	47791	47931	48078	48231	48393
04	47271	47378	47495	47616	47743	47877	48017	48164	48317	48479
05	47346	47453	47570	47691	47818	47952	48092	48239	48392	48554
06	47422	47529	47646	47767	47894	48028	48168	48315	48468	48630
07	47497	47604	47721	47842	47969	48103	48243	48390	48543	48705
08	47572	47679	47796	47917	48044	48178	48318	48465	48618	48780
09	47647	47754	47871	47992	48119	48253	48393	48540	48693	48855
4570.0	47722	47829	47946	48067	48194	48328	48468	48615	48768	48930
01	47798	47905	48022	48143	48264	48398	48538	48685	48838	48990
02	47874	47981	48098	48219	48340	48474	48614	48761	48914	49076
03	47950	48057	48174	48295	48416	48550	48690	48837	48990	49152
04	48026	48133	48250	48371	48492	48626	48766	48913	49066	49228
05	48102	48209	48326	48447	48568	48692	48832	48979	49132	49294
06	48178	48285	48402	48523	48644	48778	48918	49065	49218	49380
07	48254	48361	48478	48599	48720	48854	48994	49141	49294	49456
08	48330	48437	48554	48675	48796	48930	49070	49217	49370	49532
09	48406	48513	48630	48751	48872	49006	49146	49293	49446	49608
4571.0	48482	48589	48706	48827	48948	49082	49222	49369	49522	49684
01	48558	48665	48782	48903	49024	49158	49298	49445	49598	49760
02	48634	48741	48858	48979	49100	49234	49374	49521	49674	49836
03	48710	48817	48934	49055	49176	49310	49450	49597	49750	49912
04	48786	48893	49010	49131	49252	49386	49526	49673	49826	49988
05	48862	48969	49086	49207	49328	49462	49602	49749	49902	50064
06	48938	49045	49162	49283	49404	49538	49678	49825	49978	50140
07	49014	49121	49238	49359	49480	49614	49754	49901	50054	50216
08	49090	49197	49314	49435	49556	49690	49830	49977	50130	50292
09	49166	49273	49390	49511	49632	49766	49906	50053	50206	50368

PAC OLA REFERENCE
CAPACITY IN ACFT FEET

LEV	00	01	02	03	04	05	06	07	08	09
4972.0	49253	49261	49269	49276	49284	49292	49300	49308	49315	49323
01	49331	49339	49347	49354	49362	49370	49378	49386	49394	49401
02	49409	49417	49425	49433	49440	49448	49456	49464	49472	49479
03	49487	49495	49503	49511	49518	49526	49534	49542	49550	49557
04	49565	49573	49581	49589	49597	49604	49612	49620	49628	49636
05	49643	49651	49659	49667	49675	49682	49690	49698	49706	49714
06	49721	49729	49737	49745	49753	49760	49768	49776	49784	49792
07	49800	49807	49815	49823	49831	49839	49846	49854	49862	49870
08	49878	49886	49893	49901	49909	49917	49924	49932	49940	49948
09	49956	49963	49971	49979	49987	49995	50002	50010	50018	50026
4973.0	50034	50042	50050	50057	50065	50073	50081	50089	50097	50104
01	50111	50119	50127	50135	50143	50151	50159	50167	50175	50183
02	50192	50200	50208	50216	50224	50231	50239	50247	50255	50263
03	50271	50279	50287	50295	50303	50311	50319	50327	50334	50342
04	50350	50358	50366	50374	50382	50390	50398	50406	50413	50421
05	50429	50437	50445	50453	50461	50469	50477	50485	50493	50500
06	50508	50516	50524	50532	50540	50548	50556	50564	50572	50580
07	50587	50595	50603	50611	50619	50627	50635	50643	50651	50659
08	50667	50674	50682	50690	50698	50706	50714	50722	50730	50738
09	50746	50754	50762	50769	50777	50785	50793	50801	50809	50817
4974.0	50825	50833	50841	50849	50857	50865	50873	50881	50889	50897
01	50905	50913	50921	50929	50937	50945	50953	50961	50969	50977
02	50985	50993	51001	51009	51017	51025	51033	51041	51049	51057
03	51065	51073	51081	51089	51097	51105	51113	51121	51129	51137
04	51145	51153	51161	51169	51177	51185	51193	51201	51209	51217
05	51225	51233	51241	51250	51258	51266	51274	51282	51290	51298
06	51306	51314	51322	51330	51338	51346	51354	51362	51370	51378
07	51386	51394	51402	51410	51418	51426	51434	51442	51450	51458
08	51466	51474	51482	51490	51498	51506	51514	51522	51530	51538
09	51546	51554	51562	51570	51578	51586	51594	51602	51610	51618
4975.0	51626	51634	51643	51651	51659	51667	51675	51683	51691	51699
01	51707	51715	51724	51732	51740	51748	51756	51764	51772	51780
02	51789	51797	51805	51813	51821	51829	51837	51845	51853	51861
03	51870	51878	51886	51894	51902	51910	51919	51927	51935	51943
04	51951	51959	51967	51975	51983	51991	52000	52008	52016	52024
05	52032	52040	52048	52057	52065	52073	52081	52089	52097	52105
06	52113	52121	52129	52137	52146	52154	52162	52170	52178	52186
07	52195	52203	52211	52219	52227	52235	52243	52251	52259	52267
08	52276	52284	52292	52300	52308	52316	52324	52333	52341	52349
09	52357	52365	52373	52381	52389	52397	52405	52414	52422	52430
4976.0	52438	52446	52454	52462	52471	52479	52487	52495	52503	52511
01	52520	52528	52537	52545	52553	52562	52570	52578	52586	52594
02	52603	52611	52619	52627	52636	52644	52652	52660	52668	52677
03	52685	52693	52701	52710	52718	52726	52734	52742	52750	52759
04	52767	52775	52784	52792	52800	52808	52816	52824	52832	52841
05	52849	52857	52866	52874	52882	52891	52899	52907	52915	52923
06	52932	52940	52948	52956	52965	52973	52981	52989	52997	53005
07	53014	53022	53030	53039	53047	53055	53063	53071	53079	53088
08	53096	53104	53113	53121	53129	53137	53145	53153	53161	53170
09	53178	53187	53195	53203	53211	53220	53228	53236	53244	53252
4977.0	53261	53269	53277	53285	53293	53302	53310	53319	53327	53335
01	53344	53352	53361	53369	53377	53385	53393	53402	53410	53418
02	53427	53435	53444	53452	53461	53469	53477	53485	53493	53502
03	53511	53519	53527	53536	53544	53552	53561	53569	53577	53585
04	53594	53602	53611	53619	53627	53635	53644	53652	53661	53669
05	53677	53686	53694	53702	53711	53719	53727	53735	53744	53752
06	53761	53769	53777	53785	53794	53802	53811	53819	53827	53835
07	53844	53852	53861	53869	53877	53885	53894	53902	53911	53919
08	53927	53936	53944	53952	53961	53969	53977	53985	53994	54002
09	54010	54019	54027	54035	54044	54052	54060	54069	54077	54085
4978.0	54094	54102	54111	54119	54128	54136	54145	54153	54161	54170
01	54178	54187	54195	54203	54212	54220	54229	54237	54245	54254
02	54263	54271	54279	54287	54296	54304	54313	54322	54330	54338
03	54347	54355	54364	54372	54381	54389	54398	54406	54415	54423
04	54432	54440	54449	54457	54465	54473	54482	54490	54499	54507
05	54516	54524	54533	54541	54549	54558	54566	54575	54583	54592
06	54600	54608	54617	54625	54634	54642	54651	54659	54668	54676
07	54684	54693	54701	54710	54718	54727	54735	54744	54752	54761
08	54769	54777	54786	54794	54803	54811	54820	54828	54837	54845
09	54853	54862	54870	54878	54887	54895	54904	54912	54921	54929
4979.0	54938	54946	54955	54963	54972	54980	54989	54997	55006	55014
01	55023	55032	55040	55049	55057	55066	55074	55083	55091	55100
02	55108	55117	55126	55134	55143	55151	55160	55168	55177	55185
03	55194	55202	55211	55219	55228	55236	55245	55253	55262	55270
04	55279	55287	55296	55305	55313	55322	55330	55339	55347	55356
05	55364	55373	55381	55390	55398	55407	55415	55424	55432	55441
06	55449	55458	55466	55475	55483	55492	55500	55509	55517	55526
07	55534	55543	55551	55560	55568	55577	55585	55594	55602	55611
08	55619	55628	55636	55645	55653	55662	55670	55679	55687	55696
09	55704	55713	55721	55730	55738	55747	55755	55764	55772	55781
4980.0	55789	55798	55806	55815	55823	55832	55840	55849	55857	55866
01	55874	55883	55891	55900	55908	55917	55925	55934	55942	55951
02	55959	55968	55976	55985	55993	56002	56010	56019	56027	56036
03	56044	56053	56061	56070	56078	56087	56095	56104	56112	56121
04	56129	56138	56146	56155	56163	56172	56180	56189	56197	56206
05	56214	56223	56231	56240	56248	56257	56265	56274	56282	56291
06	56299	56308	56316	56325	56333	56342	56350	56359	56367	56376
07	56384	56393	56401	56410	56418	56427	56435	56444	56452	56461
08	56469	56478	56486	56495	56503	56512	56520	56529	56537	56546
09	56554	56563	56571	56580	56588	56597	56605	56614	56622	56631

PACTOLA RESERVOIR CAPACITY IN ACRES FEET

ELEV.	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4581.0	56556	56664	56673	56682	56691	56699	56708	56717	56725	56734
.1	56743	56752	56760	56769	56778	56786	56795	56804	56813	56821
.2	56830	56839	56847	56855	56864	56873	56882	56891	56900	56909
.3	56917	56926	56934	56943	56952	56961	56970	56978	56987	56995
.4	57004	57013	57022	57030	57039	57048	57056	57065	57074	57083
.5	57091	57100	57109	57117	57126	57135	57144	57152	57161	57170
.6	57178	57187	57196	57204	57213	57222	57231	57239	57248	57257
.7	57265	57274	57283	57292	57300	57309	57318	57326	57335	57344
.8	57353	57361	57370	57379	57387	57396	57405	57414	57422	57431
.9	57440	57448	57457	57466	57475	57483	57492	57501	57509	57518
4582.0	57527	57536	57544	57553	57562	57571	57580	57588	57597	57606
.1	57615	57623	57632	57641	57650	57659	57667	57676	57685	57694
.2	57703	57711	57720	57729	57738	57746	57755	57764	57773	57782
.3	57790	57799	57808	57817	57826	57834	57843	57852	57861	57869
.4	57878	57887	57896	57905	57913	57922	57931	57940	57949	57957
.5	57966	57975	57984	57992	58001	58010	58019	58028	58036	58045
.6	58054	58063	58072	58081	58089	58098	58107	58116	58125	58133
.7	58142	58151	58159	58168	58177	58186	58195	58203	58212	58221
.8	58230	58238	58247	58256	58265	58274	58282	58291	58300	58309
.9	58318	58326	58335	58344	58353	58361	58370	58379	58388	58397
4583.0	58405	58414	58423	58432	58441	58450	58459	58467	58476	58485
.1	58494	58503	58512	58521	58529	58538	58547	58556	58565	58574
.2	58583	58591	58600	58609	58618	58627	58636	58645	58653	58662
.3	58671	58680	58689	58698	58707	58716	58724	58733	58742	58751
.4	58760	58769	58778	58786	58795	58804	58813	58822	58831	58840
.5	58848	58857	58866	58875	58884	58893	58902	58910	58919	58928
.6	58937	58946	58955	58964	58972	58981	58990	58999	59008	59017
.7	59026	59035	59043	59052	59061	59070	59079	59088	59097	59105
.8	59114	59123	59132	59141	59150	59159	59167	59176	59185	59194
.9	59203	59212	59221	59229	59238	59247	59256	59265	59274	59283
4584.0	59291	59300	59309	59318	59327	59336	59345	59354	59363	59372
.1	59381	59390	59399	59408	59417	59426	59434	59443	59452	59461
.2	59470	59479	59488	59497	59506	59515	59524	59533	59542	59551
.3	59560	59569	59577	59586	59595	59604	59613	59622	59631	59640
.4	59649	59658	59667	59676	59685	59694	59703	59711	59720	59729
.5	59738	59747	59756	59765	59774	59783	59792	59801	59810	59819
.6	59828	59837	59846	59855	59864	59872	59881	59890	59899	59908
.7	59917	59926	59935	59944	59953	59962	59971	59980	59989	59997
.8	60006	60015	60024	60033	60042	60051	60060	60069	60078	60087
.9	60095	60105	60114	60123	60131	60140	60149	60158	60167	60176
4585.0	60185	60194	60203	60212	60221	60230	60239	60248	60257	60266
.1	60275	60284	60293	60302	60311	60320	60329	60338	60347	60356
.2	60365	60374	60383	60392	60401	60410	60419	60428	60437	60446
.3	60455	60464	60473	60482	60491	60500	60509	60518	60527	60536
.4	60545	60555	60564	60573	60582	60591	60600	60609	60618	60627
.5	60636	60645	60654	60663	60672	60681	60690	60699	60708	60717
.6	60726	60735	60744	60753	60762	60771	60780	60789	60798	60807
.7	60816	60825	60834	60843	60852	60861	60870	60879	60888	60897
.8	60906	60915	60924	60933	60942	60951	60960	60969	60978	60987
.9	60996	61005	61014	61023	61032	61041	61050	61059	61068	61077
4586.0	61086	61095	61104	61113	61123	61132	61141	61150	61159	61168
.1	61177	61186	61195	61204	61213	61222	61231	61240	61249	61258
.2	61268	61277	61286	61295	61304	61313	61322	61331	61340	61349
.3	61359	61368	61377	61386	61395	61404	61413	61422	61431	61440
.4	61450	61459	61468	61477	61486	61495	61504	61513	61522	61531
.5	61541	61550	61559	61568	61577	61586	61595	61604	61613	61622
.6	61631	61641	61650	61659	61668	61677	61686	61695	61704	61713
.7	61722	61731	61741	61750	61759	61768	61777	61786	61795	61804
.8	61813	61822	61831	61840	61850	61859	61868	61877	61886	61895
.9	61904	61913	61922	61931	61940	61950	61959	61968	61977	61986
4587.0	61995	62004	62013	62022	62032	62041	62050	62059	62068	62077
.1	62087	62096	62105	62114	62123	62132	62142	62151	62160	62169
.2	62178	62187	62197	62206	62215	62224	62233	62242	62252	62261
.3	62270	62279	62288	62297	62306	62315	62324	62333	62343	62352
.4	62361	62371	62380	62389	62398	62407	62416	62426	62435	62444
.5	62453	62462	62471	62481	62490	62499	62508	62517	62526	62536
.6	62545	62554	62563	62572	62581	62591	62600	62609	62618	62627
.7	62636	62646	62655	62664	62673	62682	62691	62700	62710	62719
.8	62728	62737	62746	62755	62765	62774	62783	62792	62801	62810
.9	62820	62829	62838	62847	62856	62865	62875	62884	62893	62902
4588.0	62911	62920	62930	62939	62948	62957	62967	62976	62985	62994
.1	62994	63003	63012	63021	63031	63040	63050	63059	63068	63077
.2	63086	63095	63105	63114	63124	63133	63142	63151	63161	63170
.3	63180	63190	63200	63209	63219	63228	63237	63247	63257	63267
.4	63276	63286	63296	63306	63316	63325	63335	63345	63355	63364
.5	63373	63383	63393	63403	63413	63423	63433	63443	63453	63463
.6	63473	63483	63493	63503	63513	63523	63533	63543	63553	63563
.7	63573	63583	63593	63603	63613	63623	63633	63643	63653	63663
.8	63673	63683	63693	63703	63713	63723	63733	63743	63753	63763
.9	63773	63783	63793	63803	63813	63823	63833	63843	63853	63863
4589.0	63873	63883	63893	63903	63913	63923	63933	63943	63953	63963
.1	63973	63983	63993	64003	64013	64023	64033	64043	64053	64063
.2	64073	64083	64093	64103	64113	64123	64133	64143	64153	64163
.3	64173	64183	64193	64203	64213	64223	64233	64243	64253	64263
.4	64273	64283	64293	64303	64313	64323	64333	64343	64353	64363
.5	64373	64383	64393	64403	64413	64423	64433	64443	64453	64463
.6	64473	64483	64493	64503	64513	64523	64533	64543	64553	64563
.7	64573	64583	64593	64603	64613	64623	64633	64643	64653	64663
.8	64673	64683	64693	64703	64713	64723	64733	64743	64753	64763
.9	64773	64783	64793	64803	64813	64823	64833	64843	64853	64863

FAC. LIA RESERVOIR CAPACITY 154 ACRE FEET

ELEV.		.01	.02	.03	.04	.05	.06	.07	.08	.09
4520.0	64750	64776	64765	64775	64804	64814	64823	64812	64843	64851
.1	64761	64870	64877	64887	64876	64908	64917	64926	64936	64945
.2	64853	64864	64873	64883	64892	64902	64911	64921	64931	64941
.3	65049	65058	65066	65077	65086	65095	65105	65115	65124	65133
.4	65143	65152	65162	65171	65180	65190	65199	65209	65218	65227
.5	65237	65246	65255	65265	65274	65284	65293	65303	65312	65321
.6	65331	65340	65350	65359	65368	65378	65387	65397	65406	65415
.7	65425	65434	65444	65453	65462	65472	65481	65491	65500	65509
.8	65519	65528	65538	65547	65556	65566	65575	65585	65594	65603
.9	65613	65622	65632	65641	65651	65660	65669	65679	65688	65698
4591.0	65707	65716	65726	65735	65745	65754	65764	65773	65783	65792
.1	65802	65811	65821	65830	65840	65849	65859	65868	65878	65887
.2	65897	65906	65916	65925	65935	65944	65954	65964	65973	65983
.3	65992	66002	66011	66021	66030	66040	66049	66059	66068	66078
.4	66087	66097	66106	66116	66125	66135	66144	66154	66163	66173
.5	66182	66192	66201	66211	66220	66230	66239	66249	66258	66268
.6	66277	66287	66296	66305	66315	66325	66334	66344	66353	66363
.7	66372	66382	66391	66401	66410	66420	66429	66439	66448	66458
.8	66467	66477	66486	66496	66505	66515	66524	66534	66543	66553
.9	66562	66572	66581	66591	66600	66610	66619	66629	66638	66648
4592.0	66657	66667	66676	66686	66695	66705	66715	66725	66734	66744
.1	66753	66763	66773	66782	66792	66801	66811	66821	66830	66840
.2	66849	66859	66869	66878	66888	66897	66907	66917	66926	66936
.3	66945	66955	66965	66974	66984	66993	67003	67013	67022	67032
.4	67041	67051	67061	67070	67080	67089	67099	67109	67118	67128
.5	67137	67147	67157	67166	67176	67185	67195	67205	67214	67224
.6	67234	67243	67253	67262	67272	67282	67291	67301	67310	67320
.7	67330	67339	67349	67358	67368	67377	67387	67396	67406	67416
.8	67426	67435	67445	67454	67464	67474	67483	67493	67502	67512
.9	67522	67531	67541	67550	67560	67570	67579	67589	67598	67608
4593.0	67618	67627	67637	67647	67657	67666	67676	67686	67695	67705
.1	67715	67724	67734	67744	67754	67763	67773	67783	67792	67802
.2	67812	67822	67831	67841	67851	67860	67870	67880	67889	67899
.3	67909	67919	67928	67938	67948	67957	67967	67977	67986	67996
.4	68006	68016	68025	68035	68045	68054	68064	68074	68084	68093
.5	68103	68113	68122	68132	68142	68152	68161	68171	68181	68190
.6	68200	68210	68219	68229	68239	68249	68258	68268	68277	68287
.7	68297	68307	68317	68326	68336	68345	68355	68365	68375	68384
.8	68394	68404	68414	68423	68433	68443	68452	68462	68472	68481
.9	68491	68501	68511	68520	68530	68540	68549	68559	68569	68579
4524.0	68588	68598	68608	68618	68628	68637	68647	68657	68667	68677
.1	68686	68696	68706	68716	68726	68735	68745	68755	68765	68775
.2	68784	68794	68804	68814	68824	68833	68843	68853	68863	68873
.3	68882	68892	68902	68912	68922	68932	68941	68951	68961	68971
.4	68981	68990	69000	69010	69020	69030	69039	69049	69059	69069
.5	69079	69088	69098	69108	69118	69127	69137	69147	69157	69167
.6	69177	69186	69196	69206	69216	69226	69235	69245	69255	69265
.7	69275	69285	69294	69304	69314	69324	69334	69343	69353	69363
.8	69373	69383	69392	69402	69412	69422	69432	69442	69451	69461
.9	69471	69481	69491	69500	69510	69520	69530	69540	69550	69560
4525.0	69569	69579	69589	69599	69609	69619	69628	69638	69648	69658
.1	69668	69678	69688	69698	69708	69718	69728	69737	69747	69757
.2	69767	69777	69787	69797	69807	69817	69827	69837	69846	69856
.3	69866	69876	69886	69896	69906	69916	69926	69936	69946	69956
.4	69965	69975	69985	69995	70005	70015	70025	70035	70045	70055
.5	70065	70074	70084	70094	70104	70114	70124	70134	70144	70154
.6	70164	70174	70184	70193	70203	70213	70223	70233	70243	70253
.7	70263	70273	70283	70292	70302	70312	70322	70332	70342	70352
.8	70362	70372	70382	70391	70401	70411	70421	70431	70441	70451
.9	70461	70471	70481	70491	70501	70510	70520	70530	70540	70550
4526.0	70560	70570	70580	70590	70600	70610	70620	70630	70640	70650
.1	70660	70670	70680	70690	70700	70710	70720	70730	70740	70750
.2	70760	70770	70780	70790	70800	70810	70820	70830	70840	70850
.3	70860	70870	70880	70890	70900	70910	70920	70930	70940	70950
.4	70960	70970	70980	70990	71000	71010	71020	71030	71040	71050
.5	71060	71070	71080	71090	71100	71110	71120	71130	71140	71150
.6	71160	71170	71180	71190	71200	71210	71220	71230	71240	71250
.7	71260	71270	71280	71290	71300	71310	71320	71330	71340	71350
.8	71360	71370	71380	71390	71400	71410	71420	71430	71440	71450
.9	71460	71470	71480	71490	71500	71510	71520	71530	71540	71550
4527.0	71560	71570	71580	71590	71600	71610	71620	71630	71640	71650
.1	71660	71670	71680	71690	71700	71710	71720	71730	71740	71750
.2	71760	71770	71780	71790	71800	71810	71820	71830	71840	71850
.3	71860	71870	71880	71890	71900	71910	71920	71930	71940	71950
.4	71960	71970	71980	71990	72000	72010	72020	72030	72040	72050
.5	72060	72070	72080	72090	72100	72110	72120	72130	72140	72150
.6	72160	72170	72180	72190	72200	72210	72220	72230	72240	72250
.7	72260	72270	72280	72290	72300	72310	72320	72330	72340	72350
.8	72360	72370	72380	72390	72400	72410	72420	72430	72440	72450
.9	72460	72470	72480	72490	72500	72510	72520	72530	72540	72550
4528.0	72560	72570	72580	72590	72600	72610	72620	72630	72640	72650
.1	72660	72670	72680	72690	72700	72710	72720	72730	72740	72750
.2	72760	72770	72780	72790	72800	72810	72820	72830	72840	72850
.3	72860	72870	72880	72890	72900	72910	72920	72930	72940	72950
.4	72960	72970	72980	72990	73000	73010	73020	73030	73040	73050
.5	73060	73070	73080	73090	73100	73110	73120	73130	73140	73150
.6	73160	73170	73180	73190	73200	73210	73220	73230	73240	73250
.7	73260	73270	73280	73290	73300	73310	73320	73330	73340	73350
.8	73360	73370	73380	73390	73400	73410	73420	73430	73440	73450
.9	73460	73470	73480	73490	73500	73510	73520	73530	73540	73550
4529.0	73560	73570	73580	73590	73600	73610	73620	73630	73640	73650
.1	73660	73670	73680	73690	73700	73710	73720	73730	73740	73750
.2	73760	73770	73780	73790	73800	73810	73820	73830	73840	73850
.3	73860	73870	73880	73890	73900	73910	73920	73930	73940	73950
.4	73960	73970	73980	73990	74000	74010	74020	74030	74040	74050
.5	74060	74070	74080	74090	74100	74110	74120	74130	74140	74150
.6	74160	74170	74180	74190	74200	74210	74220	74230	74240	74250
.7	74260	74270	74280	74290	74300	74310	74320	74330	74340	74350
.8	74360	74370	74380	74390	74400	74410	74420	74430	74440	74450
.9	74460	74470	74480	74490	74500	74510	74520	74530	74540	74550
4530.0	74560	74570	74580	74590	74600	74610	74620	74630	74640	74650
.1	74660	74670	74680	74690	74700	74710	74720	74730	74740	74750
.2	74760	74770	74780	74790	74800	74810	74820	74830	74840	74850
.3	74860	74870	74880	74890	74900	74910	74920	74930	74940	74950
.4	74960	74970	74980	74990	75000	75010	75020	75030	75040	75050
.5	75060	75070	75080	75090	75100	75110	75120	75130	75140	75150
.6	75160	75170	75180	75190	75200	75210	75220	75230	75240	75250
.7	75260	75270	75280	75290	75300	75310	75320	75330	75340	75350
.8	75360	75370	75380	75390	75400					

PACTOLA RESERVOIR CAPACITY IN ACRES FEET

ELEV	00	01	02	03	04	05	06	07	08	09
4599.0	73595	73605	73615	73625	73636	73646	73657	73667	73677	73688
01	73670	73680	73690	73700	73710	73720	73730	73740	73750	73760
02	73680	73690	73700	73710	73720	73730	73740	73750	73760	73770
03	73690	73700	73710	73720	73730	73740	73750	73760	73770	73780
04	74008	74016	74024	74032	74040	74048	74056	74064	74072	74080
05	74111	74121	74132	74142	74152	74163	74173	74183	74194	74204
06	74214	74225	74235	74245	74256	74266	74276	74286	74297	74307
07	74317	74328	74338	74348	74359	74369	74379	74390	74400	74410
08	74421	74431	74441	74452	74462	74472	74482	74493	74503	74514
09	74524	74534	74545	74555	74565	74576	74586	74596	74607	74617
4600.0	74627	74638	74648	74658	74669	74679	74690	74700	74711	74721
01	74731	74742	74752	74763	74773	74783	74794	74804	74815	74825
02	74836	74846	74856	74867	74877	74888	74898	74909	74919	74929
03	74940	74950	74961	74971	74981	74992	75002	75013	75023	75034
04	75044	75054	75065	75075	75086	75096	75107	75117	75127	75138
05	75148	75159	75169	75179	75190	75200	75211	75221	75232	75242
06	75252	75263	75273	75284	75294	75305	75315	75326	75336	75346
07	75357	75367	75377	75388	75398	75409	75419	75430	75440	75450
08	75461	75471	75482	75492	75503	75513	75523	75534	75544	75555
09	75565	75575	75585	75595	75607	75617	75628	75638	75648	75658
4601.0	75669	75680	75690	75701	75711	75722	75732	75743	75753	75764
01	75774	75785	75795	75806	75816	75827	75837	75848	75858	75868
02	75879	75890	75901	75911	75922	75932	75943	75953	75964	75974
03	75985	75995	76006	76016	76027	76037	76048	76058	76069	76079
04	76090	76100	76111	76121	76132	76142	76153	76163	76174	76184
05	76195	76205	76216	76226	76237	76247	76258	76268	76279	76289
06	76300	76310	76321	76331	76342	76352	76363	76373	76384	76395
07	76405	76416	76426	76437	76447	76458	76468	76479	76489	76500
08	76510	76521	76531	76542	76552	76563	76573	76584	76594	76605
09	76615	76626	76636	76647	76657	76668	76678	76689	76699	76710
4602.0	76720	76731	76742	76752	76763	76773	76784	76795	76805	76815
01	76826	76837	76848	76858	76869	76879	76890	76901	76911	76922
02	76932	76943	76954	76964	76975	76985	76996	77007	77017	77028
03	77038	77049	77060	77070	77081	77091	77102	77113	77123	77134
04	77144	77155	77166	77176	77187	77197	77208	77219	77229	77240
05	77250	77261	77272	77282	77293	77303	77314	77325	77335	77346
06	77356	77367	77378	77388	77399	77409	77420	77431	77441	77452
07	77462	77473	77484	77494	77505	77515	77526	77537	77547	77558
08	77568	77579	77590	77600	77611	77621	77632	77643	77653	77664
09	77674	77685	77696	77706	77717	77727	77738	77749	77759	77770
4603.0	77780	77791	77802	77813	77823	77834	77845	77855	77866	77877
01	77887	77898	77909	77919	77930	77941	77952	77962	77973	77984
02	77994	78005	78016	78026	78037	78048	78058	78069	78080	78090
03	78101	78112	78123	78133	78144	78155	78165	78176	78187	78197
04	78208	78219	78229	78240	78251	78262	78272	78283	78294	78304
05	78315	78326	78336	78347	78358	78368	78379	78390	78401	78411
06	78422	78433	78443	78454	78465	78475	78486	78497	78507	78518
07	78529	78540	78550	78561	78572	78582	78593	78604	78614	78625
08	78636	78646	78657	78668	78679	78689	78700	78711	78721	78732
09	78743	78753	78764	78775	78785	78796	78807	78818	78828	78839
4604.0	78850	78860	78871	78882	78893	78903	78914	78925	78936	78947
01	78957	78968	78979	78990	79001	79011	79022	79033	79044	79054
02	79065	79076	79087	79098	79108	79119	79130	79141	79151	79162
03	79173	79184	79195	79205	79216	79227	79238	79249	79259	79270
04	79281	79292	79302	79313	79324	79335	79346	79356	79367	79378
05	79389	79399	79410	79421	79432	79443	79454	79464	79475	79486
06	79497	79507	79518	79529	79540	79550	79561	79572	79583	79594
07	79604	79615	79626	79637	79647	79658	79669	79680	79691	79701
08	79712	79723	79734	79744	79755	79766	79777	79788	79799	79810
09	79820	79831	79842	79852	79863	79874	79885	79896	79906	79917
4605.0	79928	79939	79950	79960	79971	79982	79993	80004	80015	80026
01	80037	80047	80058	80069	80080	80091	80102	80113	80124	80134
02	80145	80156	80167	80178	80189	80200	80210	80221	80232	80243
03	80254	80265	80276	80287	80297	80308	80319	80330	80341	80352
04	80363	80374	80384	80395	80406	80417	80428	80439	80450	80461
05	80471	80482	80493	80504	80515	80526	80537	80548	80559	80569
06	80580	80591	80602	80613	80624	80635	80646	80657	80668	80679
07	80690	80700	80711	80722	80733	80744	80755	80766	80777	80788
08	80799	80809	80820	80831	80841	80852	80863	80874	80885	80896
09	80907	80917	80928	80939	80950	80961	80972	80983	80994	81004
4606.0	81015	81026	81037	81048	81059	81070	81081	81092	81103	81114
01	81125	81136	81147	81158	81169	81180	81191	81202	81213	81224
02	81234	81245	81256	81267	81278	81289	81300	81311	81322	81333
03	81344	81355	81366	81377	81388	81399	81410	81421	81432	81443
04	81454	81465	81476	81487	81498	81509	81520	81531	81542	81553
05	81564	81575	81586	81597	81608	81619	81630	81641	81652	81663
06	81674	81685	81696	81707	81718	81729	81740	81751	81762	81773
07	81784	81795	81806	81817	81828	81839	81850	81861	81872	81883
08	81894	81905	81916	81927	81938	81949	81960	81971	81982	81993
09	81994	82005	82016	82027	82038	82049	82060	82071	82082	82093
4607.0	82104	82115	82126	82137	82148	82159	82170	82181	82192	82203
01	82214	82225	82236	82247	82258	82269	82280	82291	82302	82313
02	82324	82335	82346	82357	82368	82379	82390	82401	82412	82423
03	82434	82445	82456	82467	82478	82489	82500	82511	82522	82533
04	82544	82555	82566	82577	82588	82599	82610	82621	82632	82643
05	82654	82665	82676	82687	82698	82709	82720	82731	82742	82753
06	82764	82775	82786	82797	82808	82819	82830	82841	82852	82863
07	82874	82885	82896	82907	82918	82929	82940	82951	82962	82973
08	82984	82995	83006	83017	83028	83039	83050	83061	83072	83083
09	83094	83105	83116	83127	83138	83149	83160	83171	83182	83193

PAC JEA RESERVOIR
CAPACITY IN ACRES FEET

ELEV	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4638.0	83211	83220	83239	83251	83262	83273	83284	83295	83306	83317
.1	83329	83343	83351	83362	83371	83384	83396	83407	83418	83429
.2	83440	83451	83462	83474	83485	83496	83507	83518	83529	83540
.3	83552	83563	83574	83585	83596	83607	83618	83629	83641	83652
.4	83663	83674	83685	83697	83708	83719	83730	83741	83752	83763
.5	83775	83785	83797	83808	83819	83830	83841	83853	83864	83875
.6	83885	83897	83908	83919	83930	83941	83953	83964	83975	83986
.7	83997	84008	84020	84031	84042	84053	84064	84075	84086	84097
.8	84108	84120	84131	84142	84153	84164	84175	84187	84198	84209
.9	84220	84232	84243	84254	84265	84276	84287	84298	84310	84321
4639.0	84332	84343	84354	84365	84377	84388	84399	84411	84422	84433
.1	84444	84456	84467	84478	84489	84501	84512	84523	84534	84545
.2	84557	84568	84579	84590	84602	84613	84624	84635	84647	84658
.3	84669	84680	84692	84703	84714	84725	84737	84748	84759	84770
.4	84782	84793	84804	84815	84826	84838	84849	84860	84871	84882
.5	84894	84905	84916	84928	84939	84950	84961	84973	84984	84995
.6	85006	85018	85029	85040	85051	85063	85074	85085	85096	85107
.7	85119	85130	85141	85152	85164	85175	85187	85198	85209	85220
.8	85231	85242	85254	85265	85277	85288	85300	85311	85322	85333
.9	85344	85355	85366	85377	85388	85400	85411	85422	85433	85445
4640.0	85456	85467	85479	85490	85501	85513	85524	85535	85547	85558
.1	85569	85581	85592	85603	85615	85626	85637	85648	85659	85671
.2	85683	85694	85705	85716	85728	85739	85750	85762	85773	85784
.3	85796	85807	85818	85830	85841	85853	85864	85875	85886	85898
.4	85909	85920	85932	85943	85954	85966	85977	85988	85999	86011
.5	86022	86034	86045	86056	86068	86079	86090	86102	86113	86124
.6	86136	86147	86158	86170	86181	86192	86204	86215	86226	86238
.7	86249	86260	86272	86283	86294	86306	86317	86328	86340	86351
.8	86362	86374	86385	86396	86408	86419	86430	86442	86453	86464
.9	86476	86487	86498	86510	86521	86532	86544	86555	86566	86578
4641.0	86589	86600	86612	86623	86635	86646	86657	86668	86680	86692
.1	86703	86714	86726	86737	86748	86759	86771	86782	86794	86806
.2	86817	86829	86840	86851	86863	86874	86885	86897	86909	86920
.3	86931	86943	86954	86966	86977	86988	87000	87011	87023	87034
.4	87046	87057	87069	87080	87091	87103	87114	87125	87137	87148
.5	87160	87171	87183	87194	87205	87217	87228	87240	87251	87262
.6	87274	87285	87297	87308	87320	87331	87342	87354	87365	87377
.7	87388	87399	87411	87422	87434	87445	87457	87468	87480	87491
.8	87502	87514	87525	87537	87548	87559	87571	87582	87594	87605
.9	87616	87628	87639	87651	87662	87673	87685	87696	87708	87719
4642.0	87731	87742	87754	87765	87777	87788	87800	87811	87823	87834
.1	87846	87857	87869	87880	87892	87903	87915	87926	87938	87949
.2	87961	87972	87984	87995	88007	88018	88030	88041	88053	88064
.3	88076	88087	88099	88110	88122	88133	88145	88156	88168	88179
.4	88191	88202	88214	88225	88237	88248	88260	88271	88283	88294
.5	88306	88317	88329	88340	88352	88363	88375	88386	88398	88409
.6	88421	88432	88444	88455	88467	88478	88490	88501	88513	88524
.7	88536	88547	88559	88570	88582	88593	88605	88616	88628	88639
.8	88651	88662	88674	88685	88697	88708	88720	88731	88743	88754
.9	88766	88777	88789	88800	88812	88823	88835	88846	88858	88869
4643.0	88881	88893	88904	88916	88927	88939	88950	88962	88974	88985
.1	88997	89008	89020	89031	89043	89054	89066	89077	89089	89101
.2	89113	89124	89136	89147	89159	89171	89182	89194	89206	89217
.3	89229	89240	89252	89263	89275	89287	89298	89310	89321	89333
.4	89345	89356	89368	89379	89391	89403	89414	89426	89437	89449
.5	89461	89472	89484	89495	89507	89518	89530	89542	89553	89565
.6	89576	89587	89599	89610	89622	89633	89645	89656	89668	89679
.7	89692	89704	89716	89727	89739	89750	89762	89773	89785	89797
.8	89808	89820	89831	89843	89855	89866	89878	89889	89901	89913
.9	89924	89936	89947	89959	89971	89982	89994	90005	90017	90029
4644.0	90040	90052	90063	90075	90087	90098	90110	90121	90133	90144
.1	90156	90168	90180	90191	90203	90214	90226	90237	90249	90260
.2	90272	90283	90295	90307	90318	90330	90341	90353	90364	90376
.3	90388	90400	90411	90423	90434	90446	90457	90469	90480	90492
.4	90504	90515	90527	90538	90550	90561	90573	90584	90596	90607
.5	90624	90636	90647	90659	90671	90682	90694	90705	90717	90728
.6	90741	90753	90764	90776	90788	90799	90811	90823	90834	90846
.7	90858	90869	90881	90893	90904	90916	90928	90939	90951	90963
.8	90974	90986	90997	91009	91021	91033	91044	91056	91068	91080
.9	91091	91103	91115	91126	91138	91150	91161	91173	91185	91196
4645.0	91208	91220	91231	91243	91255	91267	91278	91290	91302	91314
.1	91326	91337	91349	91361	91373	91385	91396	91408	91420	91432
.2	91443	91455	91467	91479	91490	91502	91514	91526	91538	91550
.3	91561	91573	91585	91597	91608	91620	91632	91644	91656	91668
.4	91679	91691	91702	91714	91726	91738	91749	91761	91773	91785
.5	91796	91808	91820	91832	91843	91855	91867	91879	91891	91902
.6	91914	91926	91937	91949	91961	91973	91984	91996	92008	92020
.7	92032	92044	92055	92067	92079	92091	92102	92114	92126	92138
.8	92149	92161	92173	92185	92197	92208	92220	92232	92244	92256
.9	92267	92279	92291	92302	92314	92326	92338	92349	92361	92373
4646.0	92385	92397	92408	92420	92432	92444	92456	92468	92480	92491
.1	92503	92515	92527	92539	92550	92562	92574	92586	92598	92610
.2	92622	92634	92646	92657	92669	92681	92693	92705	92717	92729
.3	92740	92752	92764	92776	92788	92800	92811	92823	92835	92847
.4	92859	92871	92883	92895	92906	92918	92930	92942	92954	92966
.5	92978	92989	93001	93013	93025	93037	93049	93061	93072	93084
.6	93096	93108	93120	93132	93144	93156	93168	93179	93191	93203
.7	93215	93227	93239	93251	93263	93275	93287	93299	93311	93323
.8	93335	93347	93359	93371	93383	93395	93407	93419	93431	93443
.9	93455	93467	93479	93491	93503	93515	93527	93539	93551	93563

PACTOLA RESERVOIR
CAPACITY IN ACRES FEET

ELEV.	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4617.0	93570	93584	93594	93605	93616	93630	93642	93654	93666	93678
.1	93600	93622	93714	93726	93738	93750	93761	93773	93785	93797
.2	93650	93681	93731	93745	93757	93769	93781	93793	93805	93817
.3	93700	93741	93791	93805	93817	93829	93841	93853	93865	93877
.4	93750	93800	93850	93864	93876	93888	93900	93912	93924	93936
.5	94160	94180	94191	94203	94215	94227	94239	94251	94263	94275
.6	94237	94259	94311	94323	94335	94347	94359	94371	94383	94395
.7	94406	94418	94430	94442	94454	94466	94478	94490	94502	94514
.8	94526	94538	94550	94562	94574	94586	94598	94610	94622	94634
.9	94645	94657	94669	94681	94693	94705	94717	94729	94741	94753
4618.0	94765	94777	94789	94801	94813	94825	94837	94849	94861	94873
.1	94885	94897	94909	94921	94933	94945	94957	94969	94981	94993
.2	95005	95017	95029	95041	95053	95065	95077	95089	95101	95113
.3	95126	95138	95150	95162	95174	95186	95198	95210	95222	95234
.4	95246	95258	95270	95282	95294	95306	95318	95330	95342	95354
.5	95366	95378	95390	95402	95414	95426	95438	95450	95462	95474
.6	95487	95499	95511	95523	95535	95547	95559	95571	95583	95595
.7	95607	95619	95631	95643	95655	95667	95679	95691	95703	95715
.8	95727	95739	95751	95763	95775	95787	95799	95811	95823	95835
.9	95848	95860	95872	95884	95896	95908	95920	95932	95944	95956
4619.0	95968	95980	95992	96004	96017	96029	96041	96053	96065	96077
.1	96089	96101	96113	96125	96138	96150	96162	96174	96186	96198
.2	96210	96222	96234	96246	96258	96270	96282	96294	96306	96318
.3	96332	96344	96356	96368	96380	96392	96404	96417	96429	96441
.4	96453	96465	96477	96489	96501	96514	96526	96538	96550	96562
.5	96574	96586	96598	96610	96623	96635	96647	96659	96671	96683
.6	96695	96707	96720	96732	96744	96756	96768	96780	96792	96804
.7	96817	96829	96841	96853	96865	96877	96889	96901	96913	96925
.8	96938	96950	96962	96974	96986	96998	97010	97023	97035	97047
.9	97059	97071	97083	97095	97107	97120	97132	97144	97156	97168
4620.0	97180	97192	97205	97217	97229	97241	97253	97266	97278	97290
.1	97315	97327	97339	97351	97363	97376	97388	97400	97412	97424
.2	97435	97447	97459	97471	97483	97496	97508	97520	97532	97544
.3	97567	97579	97591	97603	97615	97628	97640	97652	97664	97676
.4	97688	97700	97712	97725	97737	97749	97762	97774	97786	97798
.5	97811	97823	97835	97847	97859	97872	97884	97896	97908	97920
.6	97933	97945	97957	97969	97981	97994	98006	98018	98030	98042
.7	98054	98066	98078	98090	98102	98115	98127	98139	98151	98163
.8	98175	98187	98199	98211	98223	98236	98248	98260	98272	98284
.9	98296	98308	98320	98332	98344	98357	98369	98381	98393	98405
4621.0	98417	98429	98441	98453	98465	98477	98489	98501	98513	98525
.1	98537	98549	98561	98573	98585	98597	98609	98621	98633	98645
.2	98657	98669	98681	98693	98705	98717	98729	98741	98753	98765
.3	98777	98789	98801	98813	98825	98837	98849	98861	98873	98885
.4	98897	98909	98921	98933	98945	98957	98969	98981	98993	99005
.5	99017	99029	99041	99053	99065	99077	99089	99101	99113	99125
.6	99137	99149	99161	99173	99185	99197	99209	99221	99233	99245
.7	99257	99269	99281	99293	99305	99317	99329	99341	99353	99365
.8	99377	99389	99401	99413	99425	99437	99449	99461	99473	99485
.9	99497	99509	99521	99533	99545	99557	99569	99581	99593	99605
4622.0	99615	99627	99639	99651	99663	99675	99687	99699	99711	99723
.1	99735	99747	99759	99771	99783	99795	99807	99819	99831	99843
.2	99855	99867	99879	99891	99903	99915	99927	99939	99951	99963
.3	100005	100017	100029	100041	100053	100065	100077	100089	100101	100113
.4	100125	100137	100149	100161	100173	100185	100197	100209	100221	100233
.5	100245	100257	100269	100281	100293	100305	100317	100329	100341	100353
.6	100365	100377	100389	100401	100413	100425	100437	100449	100461	100473
.7	100485	100497	100509	100521	100533	100545	100557	100569	100581	100593
.8	100605	100617	100629	100641	100653	100665	100677	100689	100701	100713
.9	100725	100737	100749	100761	100773	100785	100797	100809	100821	100833
4623.0	100845	100857	100869	100881	100893	100905	100917	100929	100941	100953
.1	100965	100977	100989	101001	101013	101025	101037	101049	101061	101073
.2	101085	101097	101109	101121	101133	101145	101157	101169	101181	101193
.3	101205	101217	101229	101241	101253	101265	101277	101289	101301	101313
.4	101325	101337	101349	101361	101373	101385	101397	101409	101421	101433
.5	101445	101457	101469	101481	101493	101505	101517	101529	101541	101553
.6	101565	101577	101589	101601	101613	101625	101637	101649	101661	101673
.7	101685	101697	101709	101721	101733	101745	101757	101769	101781	101793
.8	101805	101817	101829	101841	101853	101865	101877	101889	101901	101913
.9	101925	101937	101949	101961	101973	101985	101997	102009	102021	102033
4624.0	102045	102057	102069	102081	102093	102105	102117	102129	102141	102153
.1	102165	102177	102189	102201	102213	102225	102237	102249	102261	102273
.2	102285	102297	102309	102321	102333	102345	102357	102369	102381	102393
.3	102405	102417	102429	102441	102453	102465	102477	102489	102501	102513
.4	102525	102537	102549	102561	102573	102585	102597	102609	102621	102633
.5	102645	102657	102669	102681	102693	102705	102717	102729	102741	102753
.6	102765	102777	102789	102801	102813	102825	102837	102849	102861	102873
.7	102885	102897	102909	102921	102933	102945	102957	102969	102981	102993
.8	103005	103017	103029	103041	103053	103065	103077	103089	103101	103113
.9	103125	103137	103149	103161	103173	103185	103197	103209	103221	103233
4625.0	103245	103257	103269	103281	103293	103305	103317	103329	103341	103353
.1	103365	103377	103389	103401	103413	103425	103437	103449	103461	103473
.2	103485	103497	103509	103521	103533	103545	103557	103569	103581	103593
.3	103605	103617	103629	103641	103653	103665	103677	103689	103701	103713
.4	103725	103737	103749	103761	103773	103785	103797	103809	103821	103833
.5	103845	103857	103869	103881	103893	103905	103917	103929	103941	103953
.6	103965	103977	103989	104001	104013	104025	104037	104049	104061	104073
.7	104085	104097	104109	104121	104133	104145	104157	104169	104181	104193
.8	104205	104217	104229	104241	104253	104265	104277	104289	104301	104313
.9	104325	104337	104349	104361	104373	104385	104397	104409	104421	104433

FACT LA RESERVOIR
CAPACITY IN ACRES FEET

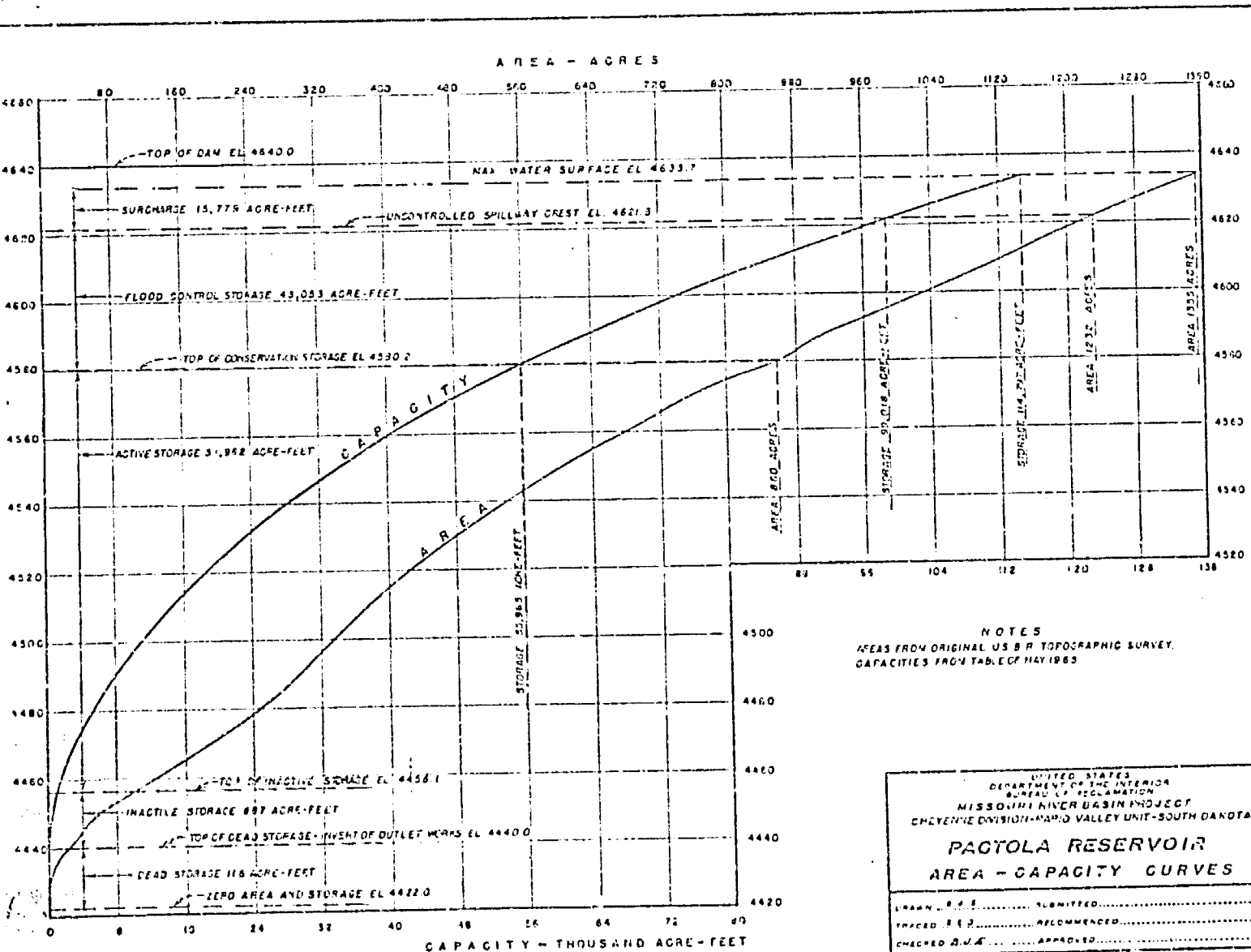
ELEV	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4626.0	104661	104674	104686	104699	104712	104725	104738	104751	104764	104776
.1	104789	104802	104815	104827	104840	104853	104866	104879	104892	104905
.2	104917	104930	104943	104956	104969	104982	104995	105007	105020	105033
.3	105046	105059	105071	105084	105097	105110	105122	105135	105148	105161
.4	105174	105186	105199	105212	105225	105238	105251	105264	105276	105289
.5	105302	105315	105328	105340	105353	105366	105379	105392	105404	105417
.6	105430	105443	105456	105469	105481	105494	105507	105520	105533	105546
.7	105558	105571	105584	105597	105610	105622	105635	105648	105661	105674
.8	105687	105699	105712	105725	105738	105751	105764	105776	105789	105802
.9	105815	105828	105840	105853	105866	105879	105892	105904	105917	105930
4627.0	105943	105956	105969	105982	105995	106007	106020	106033	106046	106059
.1	106072	106085	106097	106110	106122	106135	106148	106161	106174	106187
.2	106201	106214	106227	106240	106253	106266	106279	106292	106305	106318
.3	106331	106344	106357	106369	106382	106395	106408	106421	106434	106447
.4	106460	106473	106486	106499	106512	106525	106537	106550	106563	106576
.5	106589	106602	106615	106628	106641	106654	106667	106680	106693	106706
.6	106719	106731	106744	106757	106770	106783	106796	106809	106822	106835
.7	106848	106861	106873	106886	106899	106912	106925	106938	106951	106964
.8	106977	106990	107003	107016	107029	107041	107054	107067	107080	107093
.9	107106	107119	107132	107145	107158	107171	107184	107197	107209	107222
4628.0	107235	107248	107261	107274	107287	107301	107314	107327	107340	107353
.1	107366	107379	107392	107405	107418	107431	107444	107457	107470	107483
.2	107496	107509	107522	107535	107548	107561	107574	107587	107600	107613
.3	107626	107639	107652	107665	107678	107691	107704	107717	107730	107743
.4	107756	107769	107782	107795	107809	107822	107835	107848	107861	107874
.5	107887	107900	107913	107926	107939	107952	107965	107978	107991	108004
.6	108017	108030	108043	108056	108069	108082	108095	108108	108121	108134
.7	108147	108160	108173	108186	108199	108212	108225	108238	108251	108264
.8	108277	108290	108303	108316	108329	108342	108355	108368	108381	108394
.9	108407	108420	108433	108446	108459	108472	108485	108498	108511	108524
4629.0	108538	108551	108564	108577	108591	108604	108617	108630	108643	108656
.1	108669	108682	108695	108707	108720	108733	108746	108759	108772	108785
.2	108801	108814	108827	108840	108853	108866	108879	108892	108905	108918
.3	108932	108945	108958	108971	108984	108997	109010	109023	109036	109049
.4	109063	109076	109089	109103	109116	109129	109142	109155	109168	109181
.5	109195	109208	109221	109234	109247	109260	109273	109286	109299	109313
.6	109326	109339	109352	109365	109378	109391	109405	109418	109431	109444
.7	109457	109470	109483	109496	109509	109522	109536	109549	109562	109575
.8	109588	109602	109615	109628	109641	109654	109667	109680	109693	109706
.9	109720	109733	109746	109759	109772	109785	109798	109812	109825	109838
4630.0	109851	109864	109877	109890	109904	109917	109930	109943	109956	109970
.1	109983	109996	110009	110022	110036	110049	110062	110075	110088	110101
.2	110114	110127	110140	110153	110166	110179	110192	110205	110218	110231
.3	110244	110257	110270	110283	110296	110309	110322	110335	110348	110361
.4	110374	110387	110400	110413	110426	110439	110452	110465	110478	110491
.5	110504	110517	110530	110543	110556	110569	110582	110595	110608	110621
.6	110634	110647	110660	110673	110686	110699	110712	110725	110738	110751
.7	110764	110777	110790	110803	110816	110829	110842	110855	110868	110881
.8	110894	110907	110920	110933	110946	110959	110972	110985	110998	111011
.9	111024	111037	111050	111063	111076	111089	111102	111115	111128	111141
4631.0	111154	111167	111180	111193	111207	111220	111234	111247	111260	111274
.1	111287	111300	111313	111326	111340	111353	111366	111379	111392	111405
.2	111418	111431	111444	111457	111470	111483	111496	111509	111522	111535
.3	111548	111561	111574	111587	111600	111613	111626	111639	111652	111665
.4	111678	111691	111704	111717	111730	111743	111756	111769	111782	111795
.5	111808	111821	111834	111847	111860	111873	111886	111899	111912	111925
.6	111938	111951	111964	111977	111990	112003	112016	112029	112042	112055
.7	112068	112081	112094	112107	112120	112133	112146	112159	112172	112185
.8	112198	112211	112224	112237	112250	112263	112276	112289	112302	112315
.9	112328	112341	112354	112367	112380	112393	112406	112419	112432	112445
4632.0	112458	112471	112484	112497	112510	112523	112536	112549	112562	112575
.1	112588	112601	112614	112627	112640	112653	112666	112679	112692	112705
.2	112718	112731	112744	112757	112770	112783	112796	112809	112822	112835
.3	112848	112861	112874	112887	112900	112913	112926	112939	112952	112965
.4	112978	112991	113004	113017	113030	113043	113056	113069	113082	113095
.5	113108	113121	113134	113147	113160	113173	113186	113199	113212	113225
.6	113238	113251	113264	113277	113290	113303	113316	113329	113342	113355
.7	113368	113381	113394	113407	113420	113433	113446	113459	113472	113485
.8	113498	113511	113524	113537	113550	113563	113576	113589	113602	113615
.9	113628	113641	113654	113667	113680	113693	113706	113719	113732	113745
4633.0	113758	113771	113784	113797	113810	113823	113836	113849	113862	113875
.1	113888	113901	113914	113927	113940	113953	113966	113979	113992	114005
.2	114018	114031	114044	114057	114070	114083	114096	114109	114122	114135
.3	114148	114161	114174	114187	114200	114213	114226	114239	114252	114265
.4	114278	114291	114304	114317	114330	114343	114356	114369	114382	114395
.5	114408	114421	114434	114447	114460	114473	114486	114499	114512	114525
.6	114538	114551	114564	114577	114590	114603	114616	114629	114642	114655
.7	114668	114681	114694	114707	114720	114733	114746	114759	114772	114785
.8	114798	114811	114824	114837	114850	114863	114876	114889	114902	114915
.9	114928	114941	114954	114967	114980	114993	115006	115019	115032	115045
4634.0	115058	115071	115084	115097	115110	115123	115136	115149	115162	115175
.1	115188	115201	115214	115227	115240	115253	115266	115279	115292	115305
.2	115318	115331	115344	115357	115370	115383	115396	115409	115422	115435
.3	115448	115461	115474	115487	115500	115513	115526	115539	115552	115565
.4	115578	115591	115604	115617	115630	115643	115656	115669	115682	115695
.5	115708	115721	115734	115747	115760	115773	115786	115799	115812	115825
.6	115838	115851	115864	115877	115890	115903	115916	115929	115942	115955
.7	115968	115981	115994	116007	116020	116033	116046	116059	116072	116085
.8	116098	116111	116124	116137	116150	116163	116176	116189	116202	116215
.9	116228	116241	116254	116267	116280	116293	116306	116319	116332	116345

PACIFICA RESERVOIR
CAPACITY IN ACRES FEET

ELEV	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4635.0	116565	116579	116593	116606	116620	116634	116648	116661	116675	116689
.1	116570	116584	116598	116611	116625	116639	116653	116666	116680	116694
.2	116575	116589	116603	116616	116630	116644	116658	116671	116685	116699
.3	116580	116594	116608	116621	116635	116649	116663	116676	116690	116704
.4	116585	116599	116613	116626	116640	116654	116668	116681	116695	116709
.5	116590	116604	116618	116631	116645	116659	116673	116686	116700	116714
.6	116595	116609	116623	116636	116650	116664	116678	116691	116705	116719
.7	116600	116614	116628	116641	116655	116669	116683	116696	116710	116724
.8	116605	116619	116633	116646	116660	116674	116688	116701	116715	116729
.9	116610	116624	116638	116651	116665	116679	116693	116706	116720	116734
4636.0	116625	116639	116653	116666	116680	116694	116708	116721	116735	116749
.1	116630	116644	116658	116671	116685	116699	116713	116726	116740	116754
.2	116635	116649	116663	116676	116690	116704	116718	116731	116745	116759
.3	116640	116654	116668	116681	116695	116709	116723	116736	116750	116764
.4	116645	116659	116673	116686	116700	116714	116728	116741	116755	116769
.5	116650	116664	116678	116691	116705	116719	116733	116746	116760	116774
.6	116655	116669	116683	116696	116710	116724	116738	116751	116765	116779
.7	116660	116674	116688	116701	116715	116729	116743	116756	116770	116784
.8	116665	116679	116693	116706	116720	116734	116748	116761	116775	116789
.9	116670	116684	116698	116711	116725	116739	116753	116766	116780	116794
4637.0	116685	116699	116713	116726	116740	116754	116768	116781	116795	116809
.1	116690	116704	116718	116731	116745	116759	116773	116786	116800	116814
.2	116695	116709	116723	116736	116750	116764	116778	116791	116805	116819
.3	116700	116714	116728	116741	116755	116769	116783	116796	116810	116824
.4	116705	116719	116733	116746	116760	116774	116788	116801	116815	116829
.5	116710	116724	116738	116751	116765	116779	116793	116806	116820	116834
.6	116715	116729	116743	116756	116770	116784	116798	116811	116825	116839
.7	116720	116734	116748	116761	116775	116789	116803	116816	116830	116844
.8	116725	116739	116753	116766	116780	116794	116808	116821	116835	116849
.9	116730	116744	116758	116771	116785	116799	116813	116826	116840	116854
4638.0	116745	116759	116773	116786	116800	116814	116828	116841	116855	116869
.1	116750	116764	116778	116791	116805	116819	116833	116846	116860	116874
.2	116755	116769	116783	116796	116810	116824	116838	116851	116865	116879
.3	116760	116774	116788	116801	116815	116829	116843	116856	116870	116884
.4	116765	116779	116793	116806	116820	116834	116848	116861	116875	116889
.5	116770	116784	116798	116811	116825	116839	116853	116866	116880	116894
.6	116775	116789	116803	116816	116830	116844	116858	116871	116885	116899
.7	116780	116794	116808	116821	116835	116849	116863	116876	116890	116904
.8	116785	116799	116813	116826	116840	116854	116868	116881	116895	116909
.9	116790	116804	116818	116831	116845	116859	116873	116886	116900	116914
4639.0	116805	116819	116833	116846	116860	116874	116888	116901	116915	116929
.1	116810	116824	116838	116851	116865	116879	116893	116906	116920	116934
.2	116815	116829	116843	116856	116870	116884	116898	116911	116925	116939
.3	116820	116834	116848	116861	116875	116889	116903	116916	116930	116944
.4	116825	116839	116853	116866	116880	116894	116908	116921	116935	116949
.5	116830	116844	116858	116871	116885	116899	116913	116926	116940	116954
.6	116835	116849	116863	116876	116890	116904	116918	116931	116945	116959
.7	116840	116854	116868	116881	116895	116909	116923	116936	116950	116964
.8	116845	116859	116873	116886	116900	116914	116928	116941	116955	116969
.9	116850	116864	116878	116891	116905	116919	116933	116946	116960	116974
4640.0	116865	116879	116893	116906	116920	116934	116948	116961	116975	116989
.1	116870	116884	116898	116911	116925	116939	116953	116966	116980	116994
.2	116875	116889	116903	116916	116930	116944	116958	116971	116985	116999
.3	116880	116894	116908	116921	116935	116949	116963	116976	116990	117004
.4	116885	116899	116913	116926	116940	116954	116968	116981	116995	117009
.5	116890	116904	116918	116931	116945	116959	116973	116986	117000	117014
.6	116895	116909	116923	116936	116950	116964	116978	116991	117005	117019
.7	116900	116914	116928	116941	116955	116969	116983	116996	117010	117024
.8	116905	116919	116933	116946	116960	116974	116988	117001	117015	117029
.9	116910	116924	116938	116951	116965	116979	116993	117006	117020	117034
4641.0	116925	116939	116953	116966	116980	116994	117008	117021	117035	117049
.1	116930	116944	116958	116971	116985	116999	117013	117026	117040	117054
.2	116935	116949	116963	116976	116990	117004	117018	117031	117045	117059
.3	116940	116954	116968	116981	116995	117009	117023	117036	117050	117064
.4	116945	116959	116973	116986	117000	117014	117028	117041	117055	117069
.5	116950	116964	116978	116991	117005	117019	117033	117046	117060	117074
.6	116955	116969	116983	116996	117010	117024	117038	117051	117065	117079
.7	116960	116974	116988	117001	117015	117029	117043	117056	117070	117084
.8	116965	116979	116993	117006	117020	117034	117048	117061	117075	117089
.9	116970	116984	116998	117011	117025	117039	117053	117066	117080	117094
4642.0	116985	116999	117013	117026	117040	117054	117068	117081	117095	117109
.1	116990	117004	117018	117031	117045	117059	117073	117086	117100	117114
.2	116995	117009	117023	117036	117050	117064	117078	117091	117105	117119
.3	117000	117014	117028	117041	117055	117069	117083	117096	117110	117124
.4	117005	117019	117033	117046	117060	117074	117088	117101	117115	117129
.5	117010	117024	117038	117051	117065	117079	117093	117106	117120	117134
.6	117015	117029	117043	117056	117070	117084	117098	117111	117125	117139
.7	117020	117034	117048	117061	117075	117089	117103	117116	117130	117144
.8	117025	117039	117053	117066	117080	117094	117108	117121	117135	117149
.9	117030	117044	117058	117071	117085	117099	117113	117126	117140	117154
4643.0	117045	117059	117073	117086	117100	117114	117128	117141	117155	117169
.1	117050	117064	117078	117091	117105	117119	117133	117146	117160	117174
.2	117055	117069	117083	117096	117110	117124	117138	117151	117165	117179
.3	117060	117074	117088	117101	117115	117129	117143	117156	117170	117184
.4	117065	117079	117093	117106	117120	117134	117148	117161	117175	117189
.5	117070	117084	117098	117111	117125	117139	117153	117166	117180	117194
.6	117075	117089	117103	117116	117130	117144	117158	117171	117185	117199
.7	117080	117094	117108	117121	117135	117149	117163	117176	117190	117204
.8	117085	117099	117113	117126	117140	117154	117168	117181	117195	117209
.9	117090	117104	117118	117131	117145	117159	117173	117186	117200	117214
4644.0	117105	117119	117133	117146	117160	117174	117188	117201	117215	117229
.1	117110	117124	117138	117151	117165	117179	117193	117206	117220	117234
.2	117115	117129	117143	117156	117170	117184	117198	117211	117225	117239
.3	117120	117134	117148	117161	117175	117189	117203	117216	117230	117244
.4	117125	117139	117153	117166	117180	117194	117208	117221	117235	117249
.5	117130	117144	117158	117171	117185	117199	117213	117226	117240	117254
.6	117135	117149	117163	117176	117190	117204	117218	117231	117245	117259
.7	117140	117154	117168	117181	117195	117209	117223	117236	117250	117264
.8	117145	117159	117173	117186	117200	117214	117228	117241	117255	117269
.9	117150	117164	117178	117191	117205	117219	117233	11724		

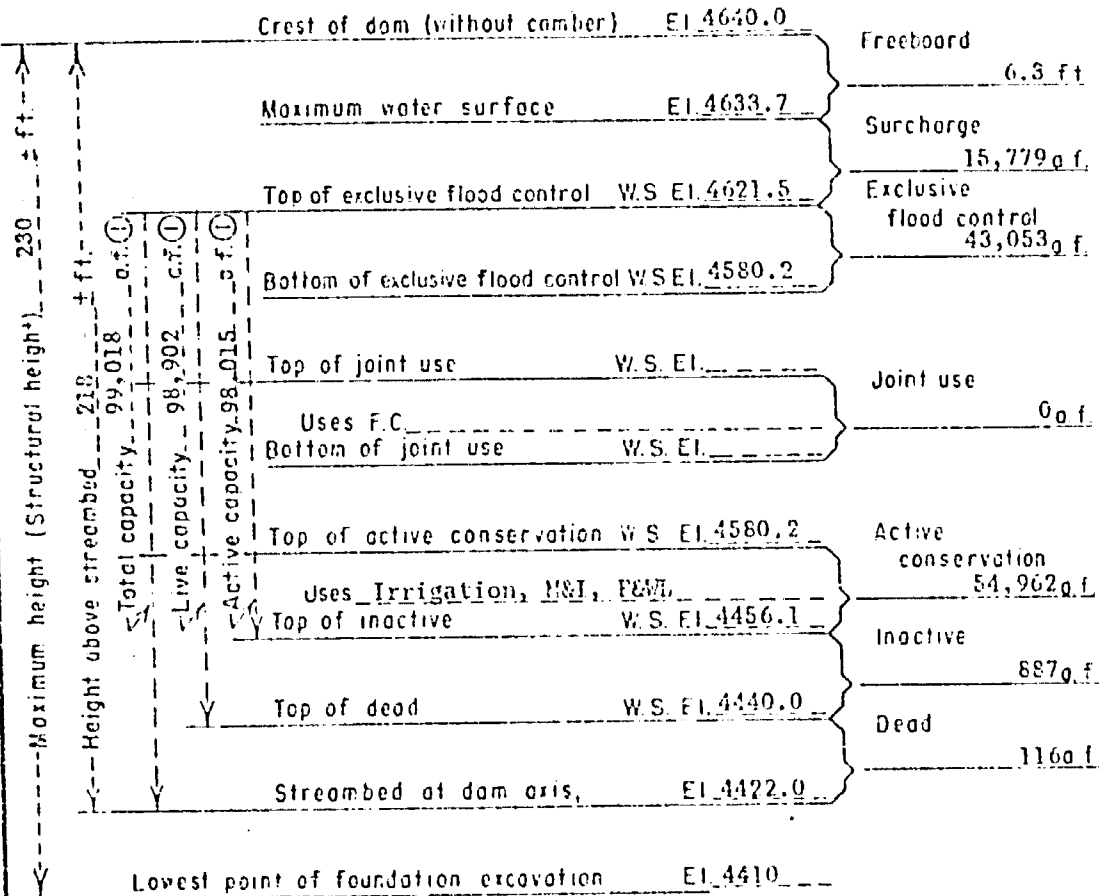
PACILLA RESERVOIR CAPACITY IN ACHE FEET

ELEV	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4644.0	129294	129306	129321	129335	129350	129365	129379	129394	129409	129423
.1	129438	129453	129465	129482	129497	129512	129526	129541	129556	129570
.2	129585	129600	129614	129629	129644	129658	129673	129688	129703	129717
.3	129732	129747	129761	129776	129791	129805	129820	129835	129849	129864
.4	129879	129894	129908	129923	129938	129952	129967	129982	129996	130011
.5	130026	130040	130055	130070	130084	130099	130114	130129	130143	130158
.6	130173	130187	130202	130217	130231	130246	130261	130275	130290	130305
.7	130320	130334	130349	130364	130378	130393	130408	130422	130437	130452
.8	130466	130481	130496	130510	130525	130540	130554	130569	130584	130599
.9	130613	130628	130643	130657	130672	130687	130701	130716	130731	130745
4645.0	130760	130775	130790	130805	130819	130834	130849	130864	130879	130893
.1	130908	130923	130938	130952	130967	130982	130997	131012	131027	131041
.2	131056	131071	131086	131101	131115	131130	131145	131160	131175	131189
.3	131204	131219	131234	131249	131263	131278	131293	131308	131323	131337
.4	131352	131367	131382	131397	131411	131426	131441	131456	131471	131485
.5	131500	131515	131530	131545	131560	131574	131589	131604	131619	131634
.6	131648	131663	131678	131693	131708	131722	131737	131752	131767	131782
.7	131796	131811	131826	131841	131856	131870	131885	131900	131915	131930
.8	131944	131959	131974	131989	132004	132018	132033	132048	132063	132078
.9	132092	132107	132122	132137	132152	132166	132181	132196	132211	132226
4646.0	132240	132255	132270	132285	132300	132315	132330	132345	132360	132375
.1	132390	132405	132419	132434	132449	132464	132479	132494	132509	132524
.2	132539	132554	132569	132584	132598	132613	132628	132643	132658	132673
.3	132688	132703	132718	132733	132748	132762	132777	132792	132807	132822
.4	132837	132852	132867	132882	132897	132912	132927	132941	132956	132971
.5	132986	133001	133016	133031	133046	133061	133076	133091	133106	133120
.6	133135	133150	133165	133180	133195	133210	133225	133240	133255	133270
.7	133285	133299	133314	133329	133344	133359	133374	133389	133404	133419
.8	133434	133449	133464	133479	133493	133508	133523	133538	133553	133568
.9	133583	133598	133613	133628	133643	133657	133672	133687	133702	133717
4647.0	133732	133747	133762	133777	133792	133807	133822	133837	133852	133867
.1	133882	133897	133912	133928	133943	133958	133973	133988	134003	134018
.2	134033	134048	134063	134078	134093	134108	134123	134138	134153	134168
.3	134183	134198	134213	134228	134243	134258	134273	134288	134303	134318
.4	134333	134348	134363	134378	134393	134408	134423	134438	134453	134468
.5	134484	134499	134514	134529	134544	134559	134574	134589	134604	134619
.6	134634	134649	134664	134679	134694	134709	134724	134739	134754	134769
.7	134784	134799	134814	134829	134844	134859	134874	134889	134904	134919
.8	134935	134950	134965	134980	134995	135010	135025	135040	135055	135070
.9	135085	135100	135115	135130	135145	135160	135175	135190	135205	135220
4648.0	135235	135250	135265	135280	135295	135310	135325	135340	135355	135370
.1	135385	135400	135415	135430	135445	135460	135475	135490	135505	135520
.2	135535	135550	135565	135580	135595	135610	135625	135640	135655	135670
.3	135685	135700	135715	135730	135745	135760	135775	135790	135805	135820
.4	135835	135850	135865	135880	135895	135910	135925	135940	135955	135970
.5	135985	136000	136015	136030	136045	136060	136075	136090	136105	136120
.6	136135	136150	136165	136180	136195	136210	136225	136240	136255	136270
.7	136285	136300	136315	136330	136345	136360	136375	136390	136405	136420
.8	136435	136450	136465	136480	136495	136510	136525	136540	136555	136570
.9	136585	136600	136615	136630	136645	136660	136675	136690	136705	136720
4649.0	136735	136750	136765	136780	136795	136810	136825	136840	136855	136870
.1	136885	136900	136915	136930	136945	136960	136975	136990	137005	137020
.2	137035	137050	137065	137080	137095	137110	137125	137140	137155	137170
.3	137185	137200	137215	137230	137245	137260	137275	137290	137305	137320
.4	137335	137350	137365	137380	137395	137410	137425	137440	137455	137470
.5	137485	137500	137515	137530	137545	137560	137575	137590	137605	137620
.6	137635	137650	137665	137680	137695	137710	137725	137740	137755	137770
.7	137785	137800	137815	137830	137845	137860	137875	137890	137905	137920
.8	137935	137950	137965	137980	137995	138010	138025	138040	138055	138070
.9	138085	138100	138115	138130	138145	138160	138175	138190	138205	138220
4650.0	138235	138250	138265	138280	138295	138310	138325	138340	138355	138370



RESERVOIR CAPACITY & LOCATIONS

Type of dam Earthfill Region 6 State South Dakota
 Operated by Bureau of Reclamation Pactola Reservoir
 Crest length 1,255 ft Pactola Dam
 Volume 4,225,000 cubic yards Missouri River Basin Project
 Top width 40 ft, Max. Base Width 1,100 ft Cheyenne Division
 Closure date August 1956 Rapid Valley Unit
 Construction period 1952-56 Operational Status
 Stream Rapid Creek May 1965 Date
 Reservoir Surface area 1,232 acres at El. 4621.5



F.C. Flood Control (Total) 43,053 a.f.
 I Irrigation _____ a.f.
 M & I Municipal and Industrial _____ a.f.
 P ~~XXXXXX~~ _____ a.f.
 F & W Fish and Wildlife _____ a.f.
 Other _____ a.f.
 S Sediment _____ a.f.
 (1) Includes _____ a.f. allowance for _____ year sediment deposition between streambed and El. _____, of which _____ a.f. is above El. _____

Reference: Capacity tables of May 1965
 Reclamation Project Data, 1961

ACTIVE CONSERVATION AND JOINT USE

Furnish one copy of completed form to the Chief Engineer: Attention D-756

Contract 14-06-600-5312
Approved as to form 8-10-60

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Rapid Valley Unit, Missouri River Basin Project

CONTRACT FOR THE PURCHASE OF WATER BETWEEN THE UNITED STATES
OF AMERICA AND THE RAPID VALLEY WATER
CONSERVANCY DISTRICT

THIS CONTRACT, Made this 6th day of January, 19 61, pursuant to the Act of Congress approved June 17, 1902 (33 Stat. 388), and acts amendatory thereof and supplementary thereto, between the UNITED STATES OF AMERICA, hereinafter called the United States, represented by the officer executing this contract, hereinafter called the Contracting Officer, and the RAPID VALLEY WATER CONSERVANCY DISTRICT, a conservancy district organized and existing under the laws of the State of South Dakota, having its principal place of business in Rapid City, South Dakota, hereinafter called the District;

WITNESSETH:

WHEREAS, the following statements are made in explanation;

A. The United States, the District, and the City of Rapid City, South Dakota, are parties to a contract (14-1413) dated July 27, 1943, under which the District is entitled to not more than Eight Thousand (8,000) acre-feet per annum of water stored by the United States in Deerfield Reservoir on Castle Creek, in Pennington County, South Dakota, if available, but subject to Rapid City's senior right to Seven Thousand (7,000) acre-feet of water per annum from the same source.

B. Subsequently to the execution of said contract the United States built Pactola Dam and Reservoir on Rapid Creek below its confluence with Castle Creek and entered into a contract (14-06-W-51) dated October 20, 1952, with Rapid City, South Dakota, in which the United States agreed to furnish the City Pactola water under conditions therein set forth.

C. The said contract of October 20, 1952, provides that so far as the United States and Rapid City are concerned, Pactola and Deerfield Reservoirs will be operated on a pooled storage basis. The District agrees to the pooled operation of the two reservoirs.

D. The District wants the United States to furnish it water stored in Pactola Reservoir for distribution, primarily, to the owners or operators of lands within its boundaries to supplement inadequate supplies of water they now receive from Rapid Creek and its tributaries.

NOR, THEREFORE, in consideration of the mutual promises herein contained, it is agreed;

DEFINITIONS

1. As used in this contract the term:

(a) "The Secretary" or "Contracting Officer" means the Secretary of the United States Department of the Interior or his duly authorized representative.

(b) "Year" means the calendar year.

(c) "Irrigation season" means the period in any year from May 1 through September 30 or such longer period as may be agreed upon between the parties hereto.

(d) "Pactola water" means stored water credited by the United States to Pactola Reservoir.

(e) "Deerfield water" means stored water credited by the United States to Deerfield Reservoir.

TERM OF CONTRACT

2. This contract becomes effective on January 1, 1961, and will continue in full force and effect for Forty (40) years: Provided, however, That this contract may be renewed upon written request by the District to the Secretary on or before January 1 of the last year of its term. The charges to be paid by the District to the United States under a renewal of the contract will be upon such terms and conditions as may be mutually agreeable, consideration being given to the cost of water supply works assignable for ultimate repayment by the District after credit of all previous payments towards such costs, the cost of operation and maintenance of such works, and the District's repayment capacity: Provided, however, That upon written request by the District to the Secretary on or before January 1 of the last year of the term of this contract whenever, account being taken of the amount then credited to the cost of construction of water supply works, the remaining amount of construction costs of water supply works which is properly assignable for ultimate return by the District can probably be repaid to the United States within the term of a contract under Subsection (d) of Section 9 of the 1939 Reclamation Project Act (53 Stat. 1187), this contract may be converted to a contract under said Subsection (d) upon terms and

conditions mutually agreeable to the United States and the District: Provided further, That any renewal or conversion of this contract will be subject to Rapid City, South Dakota's, first priority for such amounts of Pactola water as may be provided for in any renewal of, or extension of the term of, the contract of October 20, 1952 (14-06-W-51), between the United States and Rapid City.

FURNISHING OF, AND PAYMENTS FOR RECEIPT OF, WATER

3. (a) On or before May 1, 1961, and on or before May 1 of each succeeding year this contract is in force, the District will pay to the United States One Thousand Dollars (\$1,000.00), which payment will entitle it to request, and to receive all Pactola water available for use in that year, subject to:

(i) The rights of Rapid City to Pactola water under the contract (14-06-W-51) of October 20, 1952, or under any renewal thereof, or any extension of its term. The estimated storage reservation required to meet the City's needs is 14,000 acre-feet, less the amount of Deerfield water available to it, and to which it has a prior right under the contract (14-1413) of July 27, 1943.

(ii) The availability of water, as determined by the Contracting Officer.

(iii) The payment by the District to the United States, at the time of making any request for water, of One Dollar and Twenty-five Cents (\$1.25) for each acre-foot requested.

(b) On or about May 1 of each year during the term of this contract, the United States will notify the District in writing of the amount of water available for consumptive use in both Deerfield and Pactola Reservoirs. This notice will inform the District of the amount of water credited to each reservoir and in which reservoir it is actually stored. It will also inform the District of the amount held in each reservoir to the credit of Rapid City.

(c) Except as hereinafter specifically provided for, the District will not supply water furnished it under this contract to anyone other than an owner or operator of irrigated lands within the District, or for other than domestic, stock watering or agricultural uses. Pursuant to the provisions of the Federal Reclamation Laws, water furnished to the District under this contract will not be supplied by it to more than One Hundred Sixty (160) irrigable acres in the ownership of any one person, or other entity, except to lands acquired by foreclosure or other process of law, by

conveyance in satisfaction of mortgages, or by inheritance or devise, in which instances water will be furnished temporarily for a period not exceeding five (5) years from the effective date of such acquisition. Water will not be delivered to such lands after the end of said five-year period and until their transfer to a landowner duly qualified to receive water therefor under the Federal Reclamation Laws. If the amount of water available to the District is at any time in excess of the amount required for the irrigation of its lands, the District may, with the written approval of the Contracting Officer, supply water, at prices approved by the Contracting Officer, for minor industrial uses at points or places where it is not economically feasible to obtain water from other sources. The District will keep a record of all water supplied by it for industrial uses and, on or before February 1 of each year, will make additional payments to the United States for each acre-foot of water supplied by it for industrial purposes, measured at the point of delivery, in the amount of \$14.61 per acre-foot to be paid to the District in advance.

(d) On account of drought, hostile diversion, or other causes, there may occur at times during the term of this contract shortages in the amount of water requested by the District. No liability will accrue against the United States or any of its officers, agents, or employees for any damage, direct or indirect, arising out of such shortage or arising from any lack of purity or potability.

(e) Deliveries of Pactola water under this contract, and deliveries of Deerfield water under the contract (11r-1413) of July 27, 1913, will be made at the outlet works of Pactola Reservoir. The District hereby agrees to the pooled operation of the Pactola and Deerfield Reservoirs.

DEFAULTS

4. (a) Any charge, as prescribed above in Article 3, or any charge hereunder, which is not paid on the date it becomes due, shall be subject to a penalty of one-half of one percent per month from the date of delinquency and the United States may refuse to furnish water during the period of such delinquency.

(b) If the District is delinquent in any payment more than three (3) months or fails to perform any obligations under this contract, the Contracting Officer may terminate this contract upon giving the District ten (10) days' written notice to that effect.

(c) No waiver at any time by the United States of its rights with respect to default or any other matter arising in connection with this contract will be deemed a waiver with respect

to any subsequent default or matter or a waiver of its rights to bring suit for the collection of any funds due or owing it by the District. All rights of action for breach of this contract are reserved to the United States, as provided in Section 3737 of the Revised Statutes of the United States as amended (41 U.S.C. 15).

DISTRICT TO KEEP BOOKS AND RECORDS AND
REPORT CROP AND OTHER DATA

5. To such extent, and in such manner and form as may be prescribed by the Contracting Officer, the District shall establish and maintain accounts and other books and records and furnish to the Contracting Officer reports and statements as to information contained therein pertaining to (a) accounts and financial transactions of the District, (b) crops raised and agricultural or livestock products produced on the lands within the District, and (c) irrigation water supply and the disposition thereof, a report thereon to be furnished to the Secretary annually on or before December 31, or such date or dates as may be fixed by the Contracting Officer.

CONTINGENT ON APPROPRIATIONS

6. The expenditure of any money or the performance of any work by the United States herein provided for, which may require appropriations of money by Congress or the allotment of funds, shall be contingent upon such appropriations or allotments being made. The failure of Congress to appropriate funds, or the failure of any allotment of funds shall not, however, relieve the District from any obligations theretofore accrued under this contract, nor give the District the right to terminate this contract as to any of its executory features. No liability shall accrue against the United States in case of such funds not being appropriated or allotted.

COVENANT AGAINST CONTINGENT FEES

7. The District warrants that it has not employed any person to solicit or secure this contract upon any agreement for a commission, percentage, brokerage, or contingent fee. Breach of this warranty shall give the United States the right to annul the contract or, in its discretion, to deduct from the contract price or consideration the amount of such commission, percentage, brokerage, or contingent fees. This warranty shall not apply to commissions payable by contractors upon contracts or sales secured or made through bona fide established commercial or selling agencies maintained by the District for the purpose of securing business.

BREACH OF CONTRACT

8. Any waiver at any time by either party hereto of its rights with respect to a default or any other matter arising in connection with

this contract shall not be deemed to be a waiver with respect to any subsequent default or matter.

SUCCESSORS AND ASSIGNS BOUND

9. The provisions of this contract shall be binding upon and inure to the benefit of the successors and assigns of the parties hereto.

NONDISCRIMINATION CLAUSE

10. In connection with the performance of work under this contract, the District agrees not to discriminate against any employee or applicant for employment because of race, religion, color, or national origin. The aforesaid provision shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The District agrees to post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the Contracting Officer setting forth the provisions of the nondiscrimination clause.

The District further agrees to insert the foregoing provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials.

OFFICIALS NOT TO BENEFIT

11. No Member of or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this contract or to any benefit that may arise herefrom, but this restriction shall not be construed to extend to this contract if made with a corporation or company for its general benefit.

IN WITNESS WHEREOF, the parties hereto have signed their names the day and year first above written.

UNITED STATES OF AMERICA

Legal Approval: 1-6-61
/s/ W. H. Mondell

By /s/ Bruce Johnson

Title Regional Director

ATTEST:

RAPID VALLEY WATER CONSERVANCY DISTRICT

(L.S.)

By /s/ Raymond P. Johnson

/s/ Raymond F. Lund

Title President

(Corporate Seal)

*Rapid City
Factola Contract*

Contract No. 14-06-W-51
Executed 10-20-52

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
RAPID VALLEY UNIT

Missouri River Basin Project

CONTRACT FOR PURCHASE OF WATER BETWEEN THE
UNITED STATES OF AMERICA AND THE CITY
OF RAPID CITY, SOUTH DAKOTA

THIS CONTRACT, made this 20th day of October, 1952, pursuant to the Act of Congress approved June 17, 1902 (32 Stat. 388), and acts amendatory thereof and supplementary thereto, hereinafter referred to as the Reclamation Laws, and the Act of December 22, 1944 (58 Stat. 887), between the UNITED STATES OF AMERICA, hereinafter called the United States, represented by the Officer executing this contract, hereinafter called the Contracting Officer, and the CITY OF RAPID CITY, SOUTH DAKOTA, hereinafter called the City,

WITNESSETH, THAT:

WHEREAS, the United States proposes to construct as a feature of the Rapid Valley Unit of the Missouri River Basin Project a dam and reservoir on Rapid Creek, South Dakota, to be known as the Factola Dam and reservoir, which will control floods and impound water which will be available for municipal, irrigation, and other uses; and

WHEREAS, the City is in need of water for municipal uses additional to that which it now obtains from various sources and desires to enter into a long-term contract for the furnishing by the United States to the City of such additional water from that to be impounded by Factola Dam,

NOW, THEREFORE, in consideration of the mutual and dependent covenants herein contained, it is agreed between the parties hereto as follows:

TERM OF CONTRACT

1. This contract will become effective on the day and year first above written and will continue in full force and effect for forty (40) years. Upon its expiration, all rights granted hereunder will terminate.

FURNISHING OF WATER

2. (a) From and after April 30 of the calendar year following the year in which the Contracting Officer or his duly authorized representative notifies the City that water will be available from Factola

Reservoir, the United States will furnish for the City's use at the outlet works of Pactola Dam, in accordance with written requests to be submitted by the City not less than twenty-four hours in advance of the time delivery is required, such quantities of water as are requested but not in excess of the City's needs for the then current water year which will be the period between April 30 of one year and May 1 of the succeeding year, nor, in any water year, in excess of an amount which, together with all other water taken into its water system from any sources whatsoever and which is metered in accordance with Article 6(a) hereof, will exceed the basic total annual intake agreed upon for that water year in Article 5(b) hereof; Provided, however, that if the City's needs exceed total annual intake, the United States will furnish to the City its needed additional water to the extent that water is available. The United States will not be responsible for the control or handling of such water beyond the delivery point.

(b) On account of drouth, hostile diversion, or other causes, there may occur at times during the life of this contract a shortage in the releases requested by the City. No liability will accrue against the United States or any of its officers, agents, or employees for any damage, direct or indirect, arising out of such shortage or arising from any lack of purity or potability of water furnished.

WATER FOR RAPID CITY AIR FORCE BASE

3. From and after the year in which water is first available to the City from Pactola Reservoir the City will, if so requested, furnish the Rapid City Air Force Base with not more than 1810 acre-feet of water per annum upon terms and conditions agreed upon between the City and the United States Air Force, but the charge therefor will not be more than the reasonable cost of handling, treatment and delivery. The City may in any year furnish the Air Force Base water in excess of 1810 acre-feet upon such terms and conditions as may be agreed upon between it and the United States Air Force. Prior to the year in which water is first available to the City from Pactola Reservoir, it may furnish water to the Air Force Base upon such terms as may be agreed upon between it and the United States Air Force.

CONSERVATION OF THE WATERS OF RAPID CREEK

4. (a) To assure optimum utilization of the limited water flows of Rapid Creek, the City will utilize and develop within the City's legal rights and to the greatest practicable extent sources of water downstream from Pactola Dam or outside the Rapid Creek watershed consisting of those springs in the vicinity of the City known as Jackson Springs, Cloghorn Springs, City or Lime Springs, and similar natural flows of water, and also those seepage areas known as the Meadow Brook Development, the Baker Park Development, and similar natural concentrations of under ground water. This sub-article does not apply to deep wells the waters of which do not constitute a part of the Rapid Creek flow.

(b) Except as specifically supplemented and modified by this contract, the contract between the United States and the City, dated July 27, 1943, remains in full force and effect. Upon completion of Pactola Dam and Reservoir the United States will operate Deerfield and Pactola Reservoirs on a pooled storage basis. Water to which the City is entitled from Deerfield Reservoir storage under the said contract of July 27, 1943, will be delivered at the outlet works of Pactola Dam instead of at the outlet works of Deerfield Dam. No distinction will be made between waters released from Pactola Dam under this, or the said 1943 contract, or between waters released for the purpose of direct intake into the City's water system and those released in exchange for other waters taken or diverted by it.

Subject only to the right of the United States to pool the stored waters of the two reservoirs and to deliver waters of the City's Deerfield priority storage space or an equal amount of Pactola water at the outlet works of Pactola Dam, this contract does not and shall not be construed to alter, amend, or in anywise affect the City's priority right to the use of 7000 acre-feet of Deerfield Reservoir storage each year as is provided in said contract of July 27, 1943, and such contract provision and reservation of rights to the City therein are specifically recognized in this contract and are unimpaired by it.

PAYMENTS BY THE CITY

5. (a) For the purposes of this contract the Basic Total Annual Intake of the City's water system shall include all metered water from every source taken by the City into its water system including water obtained from deep wells now in existence, but shall exclude any unmetered water that may be obtained and used by the City from any deep wells developed by the City after the execution of this contract. The total annual intake shall be calculated on the basis of the period of the water year as defined in Article 2(a) hereof.

(b) The City will make payments annually in advance to the United States on the basis of and in accordance with the following schedule:

<u>Water year of Payment</u>	<u>Basic Total Annual Intake of City's Water System</u>	<u>Basic Annual Payment</u>
1 to 5	6,200 (acre-feet)	\$ 24,000
6 to 10	6,900 " "	36,000
11 to 15	7,700 " "	48,000
16 to 20	8,500 " "	60,000
21 to 25	9,300 " "	73,000
26 to 30	10,000 " "	84,000
31 to 35	10,700 " "	96,000
36 and annually thereafter	11,400 " "	107,000

In addition to the payments provided for in the foregoing schedule, the City will make payments to the United States monthly in advance for water used by it in addition to the total annual intakes as set forth in the foregoing schedule, which additional water shall be paid for on the basis of the following schedule:

Water Year of Payment	Additional Water (I)		Additional Water (II)	
	Intake to City's water system acre-foot	Payment Computed rate per acre foot	Intake to City's water system in excess of acre-foot	Payment Computed rate per acre foot
1 - 5	6,200 to 6,900	\$ 15.86	6,900	\$ 5.00
6 - 10	6,900 to 8,000	"	8,000	"
11 - 15	7,700 to 9,200	"	9,200	"
16 - 20	8,500 to 10,300	"	10,300	"
21 - 25	9,300 to 11,400	"	11,400	"
26 - 30	10,000 to 12,500	"	12,500	"
31 - 35	10,700 to 13,600	"	13,600	"
36 and annually thereafter	11,400 to 14,500	"	14,500	"

(c) The City's first payment for its basic supplemental water supply will become due March 31 of the calendar year following the year in which the Contracting Officer or his duly authorized representative notifies the City that water will be available and will apply to the water year commencing the following May 1. Thereafter on each succeeding March 31 payments will be due for the basic water supply furnished during the following water year. Within sixty (60) days after the end of each water year the Contracting Officer or his duly authorized representative will render the City a statement of its water account for the past year. Advance payments made during a water year for metered water used in excess of the basic annual intakes will be credited against actual excess intakes of metered water as determined by intake meter readings and any overpayments will be credited against the City's next payment to the United States. Interest will accrue at the rate of one-half (1/2) per centum per month or any fraction thereof on delinquent payments.

(d) Payments by the City to the United States under this contract will be an operating expense of the City's water system. They will be made from gross revenues before any of such revenues are covered into the "United States Contract Fund" established by the City pursuant to its contract with the United States dated July 27, 1943, or used for any purpose other than the operation and maintenance of the water system.

(e) The City will at all times during the life of this contract maintain charges and rates for the use or delivery of water from its system at least sufficient to make the payments to the United States required under this contract and to operate and maintain in good condition its water system; Provided, however, this sub-article will not be construed

to require the establishment of charges or rates so high they will materially reduce the City's gross water revenues or which are materially in excess of those prevailing in other communities of comparable size and location.

(f) The United States may refuse to furnish water under this contract during any period in which the City is delinquent in any payment. No waiver at any time by the United States of its rights with respect to default or any other matter arising in connection with this contract shall be deemed to be a waiver with respect to any subsequent default or matter or a waiver of its rights to bring suit for the collection of any funds due or owing it by the City. All rights of action for breach of this contract are reserved to the United States as provided for in Section 3727 of the revised Statutes of the United States as amended (41 U.S.C. 15).

INTAKE METERING AND WATER RECORDS

(a) The City will install at each and every point of intake into its water system and maintain in good operating condition and subject to inspection and approval by the Contracting Officer or his duly authorized representative at all reasonable times metering devices satisfactory to the Contracting Officer and will therewith measure the amount of all water taken by it into its water system from any source whatsoever with the exception of water taken from deep wells drilled in addition to those the City now owns, or acquired from sources outside the Rapid Creek watershed and which need not be replaced with water delivered from the outlet works of Pactola Reservoir. The City will maintain accurate and complete records of the readings of said metering equipment which will be available at all times during business hours to the Contracting Officer or his duly authorized representative. The City will furnish the contracting officer or his duly authorized representative monthly reports in writing of its intake water readings.

(b) The City will maintain full and adequate financial records of all transactions involving its water system, including costs of operation and revenues from water sales. Such records will be available for inspection at the City office in which they are maintained during normal business hours.

CONTINGENT UPON APPROPRIATIONS OR ALLOTMENTS OF FUNDS

7. The expenditure of any money or the performance of any work by the United States herein provided for which may require appropriations of money by the Congress or the allotment of funds, shall be contingent upon such appropriations or allotments being made. The failure of the Congress so to appropriate funds or the failure of an allotment of funds shall not relieve the City from any obligations then accrued under this contract and no liability shall accrue to the United States in case such funds are not appropriated or allotted.

OFFICIALS NOT TO BENEFIT

8. No Member or or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this contract or to any benefit that may arise herefrom, but this restriction shall not be construed to extend to this contract if made with a corporation or company for its general benefit.

IN WITNESS WHEREOF, the parties hereto have affixed their names the day and year first above written.

THE UNITED STATES OF AMERICA

By /s/ Vernon D. Northrop

Title: Under Secretary of the Interior

CITY OF RAPID CITY, SOUTH DAKOTA

By /s/ A. L. Haines

Title: Mayor

(SEAL)

ATTEST:

/s/ P. R. Lang

Auditor

RESOLUTION

BE IT RESOLVED: That the Mayor of Rapid City and the City Auditor of Rapid City, South Dakota, be, and they hereby are authorized and directed, to execute on behalf of the City of Rapid City, South Dakota, that certain Contract with the Department of the Interior of the United States designated as the draft of September 18th, 1952, relating to the construction and water use from the Pactola Dam and Reservoir.

BE IT FURTHER RESOLVED: That the Mayor of Rapid City be, and he hereby is authorized to request from the U. S. Bureau of Reclamation any amendment which said Bureau may desire in said Contract relative to Article 3 thereof, for the purpose of submitting the same for the consideration of the City Commission of Rapid City, South Dakota.

Dated at Rapid City, South Dakota, October 26th, 1952.

CITY COMMISSION OF RAPID CITY,
SOUTH DAKOTA

By /s/ A. L. Haines
Mayor

ATTEST:

/s/ R. P. Lang
City Auditor
Rapid City, South Dakota

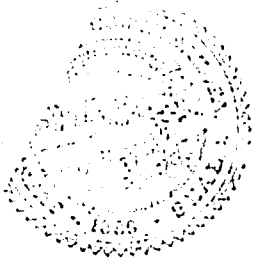
CERTIFICATION

I, the undersigned, R. R. Lang, duly appointed, qualified and acting City Auditor of the City of Rapid City, hereby certify that the annexed Resolution was duly and regularly passed at a regular meeting of the Board of City Commissioners of the City of Rapid City, South Dakota, on October 20th, 1952.

Dated at Rapid City, South Dakota, October 20, 1952.

/S/ R. R. LANG
R. R. Lang, City Auditor
Rapid City, South Dakota

(SEAL)



Department of
Natural Resources
Bureau of Reclamation
WATER RESOURCES
COMMUNICATIONS
Office Building 2
Pierre, S.D. 57501
Ph. 224-3100

November 16, 1973

Mr. Preston L. Funkhouser, Jr.
Project Manager
Bureau of Reclamation
P.O. Box 825
Huron, South Dakota 57350

Dear Mr. Funkhouser, Jr.:

Enclosed are the following United States Withdrawal Water Licenses:

United States Withdrawal Water License No. 579-2
Angostura Reservoir - Angostura Project;

United States Withdrawal License No. 509-2
Deerfield Reservoir - Rapid Valley Project;

United States Withdrawal License No. 581-2
Pactola Reservoir - Rapid Valley Unit;

United States Withdrawal Water License No. 594-1
Shadehill Reservoir - Shadehill Unit.

Also enclosed is a separate letter containing the provisions of the Belle Fourche Project water rights as adjudicated by the Eighth Judicial Circuit Court.

Sincerely,

Donald Driscoll
Chief Engineer

DD/fb

Encl: As Stated

STATE OF SOUTH DAKOTA

UNITED STATES WITHDRAWAL WATER LICENSE NO. 581-2
PACTOLA RESERVOIR - RAPID VALLEY UNIT

(1) WHEREAS, The Bureau of Reclamation, United States of America, on April 25, 1952 filed a *"NOTICE OF INTENTION TO THE STATE ENGINEER OF THE STATE OF SOUTH DAKOTA", to reserve of the unappropriated waters of Rapid Creek, up to 99,000 acre-feet annually of water to be stored in Pactola Reservoir for flood control, irrigation, municipal water supplies, silt detention, power, recreation, domestic, stockwater, mining, industrial and wildlife uses; and

(2) WHEREAS, The State Engineer on May 5, 1952, issued *"CERTIFICATE OF WITHDRAWAL OF WATER FOR APPROPRIATION TO THE UNITED STATES OF AMERICA, DEPARTMENT OF THE INTERIOR, BUREAU OF RECLAMATION, WITHDRAWAL NO. U.S. 581-2" for withdrawal of up to 99,000 acre-feet as specified in Section (1) above and certified that "CERTIFICATE OF WITHDRAWAL U.S. NO. 581-2" was effective as of April 25, 1952.

(3) WHEREAS, It is hereby certified that the United States of America has completed construction of the Pactola Reservoir on Rapid Creek having storage capacities as follows: dead storage 116 acre-feet, inactive storage 887 acre-feet, active storage 54,962 acre-feet and flood control storage 43,053 acre-feet, total storage being 99,018 acre-feet, the United States of America is entitled to an initial water storage fill of 55,965 acre-feet in Pactola Reservoir and an annual replenishment of storage to the top of the active storage space, plus evaporation and natural water losses; and

(4) WHEREBY, It is hereby certified the United States of America has made application of water to beneficial use on the following extent:

Water contained in the active storage space (up to 54,962 acre-feet of water) of Pactola Reservoir may be released for the use of the Municipality of Rapid City, South Dakota and environs, including Ellsworth Air Force Base, and the Rapid Valley Water Conservancy District as provided in *"CONTRACT FOR PURCHASE OF WATER BETWEEN THE UNITED STATES OF AMERICA AND THE CITY OF RAPID CITY, SOUTH DAKOTA" dated October 20, 1952 and in *"CONTRACT FOR THE PURCHASE OF WATER BETWEEN THE UNITED STATES OF AMERICA AND THE RAPID VALLEY WATER CONSERVANCY DISTRICT" dated January 6, 1961, boundaries of the Rapid Valley Water Conservancy District being as shown in *Map of Rapid Valley Water Conservancy District, prepared by the State Water Resources Commission, April 1963, with additional information being provided in *Map No. 583-602-13 of the Bureau of Reclamation, entitled "MISSOURI RIVER BASIN PROJECT - CHEYENNE DIVISION - S. DAKOTA - RAPID VALLEY UNIT".

(5) NOW THEREFORE, by virtue of the authority vested in us by the laws of the State of South Dakota, we hereby grant and confirm to the United States of America, United States Withdrawal Water License No. 581-2, a water right dating from April 25, 1952, to store water annually in Pactola Reservoir on Rapid Creek in the County of Pennington and State of South Dakota, or so much thereof as may be necessary for the purposes herein below mentioned, to be diverted at a location in the SW¹/₄, Section 2, T1N, R5E, B3M, and conducted to and upon the location described in Section (4) of this Water License No. 581-2, for the purpose of irrigation, recreational and municipal uses, including industrial and commercial uses, plus incidental silt detention, water quality, fish and wildlife habitat, domestic, livestock watering and other beneficial uses, with municipal and recreation being year around uses and irrigation being used in the May 1 through September 30 annual period.

Subject to the following qualifications:

Flows (not exceeding inflows) shall be released as needed for downstream domestic use, including livestock watering, and prior downstream water right use;

The initial reservoir filling (55,965 acre-feet, not including flood control storage) having been accomplished, the authorized annual storage replenishment shall be equal to that volume of water needed to bring the reservoir water surface to the top of the active conservation storage space elevation 4580.2 feet, Bureau of Reclamation Drawing 494-600-43, "PACTOLA RESERVOIR AREA AND CAPACITY CURVES".

WITNESS, My hand and seal of our office
at Pierre, South Dakota this _____ day
of _____ A.D.
Nineteen Hundred and _____.

WATER RIGHTS COMMISSION

By:

DONALD DRISCOLL, Chief Engineer
and Executive Officer

* Indicates specified document is filed in U.S. Withdrawal File No. 509-2.

~~Memorandum~~
Department of Natural Resource Development

OFFICE OF THE SECRETARY
Joe Foss Building, Pierre, South Dakota 57501
Phone 605/773-3151

MEMORANDUM

TO: John Hatch, Chief Engineer, DNR
FROM: Vern W. Butler, Secretary, DNRD
SUBJECT: Water Rights and Useage in Rapid Valley
DATE: April 27, 1978

Rep. Carl Ham
Capitol Bldg.
57725

Wednesday evening Rep. Carl Ham discussed with me a potential water rights problem in the Rapid Valley. It seems Rapid City is growing more to the northeast of town into the Box Elder Creek drainage basin. Water use in Box Elder drainage basin is increasing. The implication is that the return flows from this use will return to Box Elder Creek rather than Rapid Creek. I don't know what existing or planned waste water treatment facilities are in the Box Elder Creek basin. This should be checked out. At least lawn watering, car washing, etc. would not return to Rapid Creek.

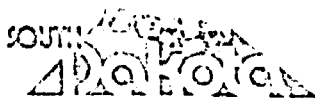
The irrigators downstream in the Rapid Valley Water Conservancy District are becoming concerned as a portion of their water supply is dependent upon return flows from the City. In fact, the water supply contract with the Bureau may provide for such return flows. Again this should be checked.

Carl Ham would like some information and suggestions on this potential problem prior to May 10th as he is meeting with City officials and others, including Bureau of Reclamation, to discuss this matter. Any information would be helpful.

Vern W. Butler, Secretary

VWB:gjh

US 581-7



Department of Natural Resource Development

WATER RIGHTS COMMISSION

Joe Foss Building, Pierre, South Dakota 57501

Phone 605/224-3151

May 8, 1978

Rep. Carl Ham
Caputa, SD 57725

Dear Mr. Ham:

This letter is in response to your inquiry of Vern Butler, Secretary of the Department of Natural Resources Development. As we understand the situation, the question is whether or not Rapid City would be required to return the waste water of those being served in the Box Elder drainage area back to Rapid Creek.

The waste waters could be reclaimed by Rapid City provided by SDCL 46-5-14 which states: "Water turned into any natural or artificial watercourse by any person entitled to the use of such water may be reclaimed below and diverted therefrom by such person, subject to existing rights, due allowances for losses to be made, as determined by the Commission." Flows which are not used beneficially by the city must be returned to Rapid Creek. Pursuant to SDCL 46-6-15 "When the water of any stream is condemned, appropriated, or diverted for use by any municipality or its inhabitants, the portion not used by such municipality shall be returned to the natural channel of the stream at or near the place where diverted".

Any water which is not put to use by Rapid City must be returned to the stream from which it is taken. However, water which has been used remains a part of the city water appropriation until such time as it reaches a natural drainage. If this waste water is not reclaimed then it reverts back to the public and is subject to general appropriation. Waste water would not be considered unused water which must be returned to the natural channel of the stream.

From the administration of water rights point view, this office would consider the water provided to the Box Elder drainage area as being put to beneficial use. Any waste water if discharged into the natural drainage of Box Elder Creek becomes a part of the flows of that particular basin.

The Water Rights of the Rapid Valley Water Conservancy District should not be affected by this action since the City is still required to buy replacement water from storage in the reservoirs to meet the needs of the downstream appropriators and domestic uses which depend on certain flows of the stream.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Commission

JH/gy

cc: Leonard Swanson, Director of Public Works, Rapid City, SD 57701

 **Department of
Water & Natural Resources**
600 Foss Building
Pierre, South Dakota 57501
Water Rights, Water Management Division
(605) 773-3352

US 581-2
1685-2

December 21, 1979

US Water & Power Resources Service
200 4th St SW
Huron, SD 57350

Dear Sirs:

This is to inform your office that the Water Management Board approved Water Right No. 1685-2 of Erwin F Domine on November 27, 1979 authorizing the diversion of 75,000 gallons of Spring runoff flows for initial fill of a storage area for mining and industrial use and to use up to 1500 gallons per day as needed, with a maximum diversion of 250 gpm.

We are enclosing a copy of the permit for your records. If you have any questions, please contact this office.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights, WMD

JH/BV/gy

Equal Opportunity Employer