

## **Lake Tawakoni**

SUMMARY OF RUNOFF DATA  
(VALUES IN ACRE-FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0.	4500.	5250.	47830.	21550.	58460.	28160.	1400.	12190.	820.	33350.	133840.	347350.
1941	29860.	31290.	60800.	26790.	107890.	148580.	16730.	10270.	3660.	4380.	10500.	29240.	479990.
1942	3720.	19070.	13690.	258910.	208870.	49970.	10.	5080.	6910.	4890.	10740.	18660.	600520.
1943	21070.	3240.	15600.	41060.	19590.	194300.	91530.	0.	0.	11620.	210.	5550.	403770.
1944	27360.	51670.	108630.	27830.	227790.	49990.	1870.	0.	1390.	380.	7650.	54050.	558610.
1945	72170.	36470.	180080.	430280.	9550.	65240.	208620.	2530.	510.	35050.	13300.	7320.	1061120.
1946	72220.	136390.	43460.	26050.	63340.	199260.	1880.	2120.	6360.	1760.	222610.	48720.	824170.
1947	38590.	4640.	20760.	56380.	18310.	11420.	6640.	560.	13720.	200.	17890.	77170.	266280.
1948	99570.	52300.	81340.	6190.	93760.	2320.	3090.	980.	0.	0.	750.	1390.	341690.
1949	13330.	73860.	96140.	17540.	30900.	19610.	10680.	5060.	850.	28340.	34390.	1830.	332530.
1950	68650.	224020.	20940.	24480.	127400.	30690.	4800.	27910.	15740.	270.	700.	360.	545960.
1951	4250.	26020.	21510.	1810.	15120.	55950.	19000.	0.	0.	100.	390.	760.	144910.
1952	1890.	3210.	9940.	55810.	112910.	30860.	100.	0.	0.	0.	590.	25520.	240830.
1953	38850.	2730.	21580.	19160.	259900.	0.	9690.	20.	1100.	0.	2820.	17650.	373500.
1954	48880.	12270.	1260.	14560.	22980.	4550.	0.	0.	0.	1470.	54140.	2310.	162420.
1955	3100.	23920.	27990.	31170.	2470.	830.	580.	1610.	1790.	0.	0.	140.	93600.
1956	580.	13620.	700.	290.	31350.	0.	0.	0.	0.	0.	3390.	670.	50600.
1957	1570.	17980.	16840.	169380.	440460.	89180.	520.	70.	70.	69020.	122910.	13310.	941310.
1958	49440.	4390.	47590.	40660.	334220.	11610.	21420.	0.	4900.	2590.	2660.	2070.	521550.
1959	1440.	37510.	17610.	45680.	35240.	3330.	7110.	13490.	220.	98000.	24890.	101660.	386180.
1960	67540.	39120.	9240.	22830.	18070.	5230.	24100.	4900.	4330.	19290.	920.	174900.	390470.
1961	62580.	36890.	84990.	3070.	5740.	20430.	1910.	1060.	5140.	1760.	27480.	50320.	301370.
1962	13240.	17720.	16770.	83270.	17220.	64750.	17560.	3580.	87380.	29260.	62660.	4240.	417650.
1963	7160.	1320.	5160.	70210.	63210.	1820.	27370.	1920.	1600.	1880.	1070.	1150.	183870.
1964	1290.	1340.	25270.	22810.	49830.	14230.	870.	2530.	56090.	1300.	51210.	2380.	229150.
1965	32690.	151730.	13750.	3190.	211890.	3570.	2450.	2150.	7190.	1440.	2720.	1590.	434360.
1966	2750.	36300.	7280.	316800.	60970.	3520.	3000.	5750.	6890.	11440.	1400.	1780.	457880.
1967	1510.	1210.	2750.	48330.	138990.	19570.	2670.	1950.	41170.	106190.	20560.	55560.	440460.
1968	69770.	24090.	152650.	49510.	192120.	39150.	35310.	3730.	9520.	4400.	13740.	24530.	618520.
1969	66300.	68110.	99010.	25360.	227660.	1930.	1910.	1900.	1390.	10170.	1480.	46910.	552130.
1970	6860.	132190.	128850.	80840.	22790.	12810.	1760.	4840.	46730.	75210.	1640.	1430.	515950.
1971	240.	7830.	2610.	0.	330.	0.	1490.	18320.	4480.	238560.	970.	306470.	581300.
1972	10110.	980.	590.	3570.	460.	460.	220.	290.	360.	4320.	17640.	8050.	47050.
1973	47070.	58020.	49590.	143760.	20140.	147470.	13450.	2120.	116930.	244210.	72150.	52390.	967300.
1974	124650.	5740.	18530.	113230.	24740.	107210.	2280.	32680.	176980.	59300.	126810.	41600.	833750.
1975	27920.	152290.	25090.	43780.	100530.	71030.	12540.	1860.	1890.	1930.	1650.	1690.	442200.
1976	1730.	1690.	15170.	117030.	73230.	9770.	41890.	2220.	2310.	19020.	2150.	54650.	340860.
1977	22160.	103940.	286780.	107750.	9750.	2970.	2030.	30650.	2530.	1430.	14590.	3960.	588540.
1978	10410.	70950.	29920.	3970.	9160.	30300.	3440.	2710.	2230.	1900.	3150.	15190.	183330.
1979	125330.	63450.	207470.	17730.	341020.	64230.	5810.	8780.	7660.	2170.	1820.	41010.	886480.
1980	109000.	41660.	1890.	11230.	44010.	2880.	2550.	2570.	13730.	3910.	1680.	33460.	268570.
AVG.	34313.	43797.	48660.	64150.	93060.	40231.	15538.	5064.	16242.	26780.	24180.	35743.	447758.

SUMMARY OF NET EVAPORATION DATA  
(VALUES IN FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	.07	.00	.21	.01	.08	.13	.35	.49	.50	.29	-.27	-.09	1.77
1941	.08	-.05	.05	-.06	.17	-.12	.34	.40	.37	.04	.14	.01	1.37
1942	.10	.13	.18	-.39	.14	.16	.54	.34	.22	.17	.16	-.06	1.69
1943	.09	.22	.03	.24	-.04	.25	.57	.72	.31	.16	.23	-.05	2.73
1944	-.06	-.14	.03	.13	-.24	.44	.50	.45	.43	.35	-.06	-.15	1.68
1945	.03	-.18	-.46	.08	.27	.07	.14	.37	.37	.09	.19	.12	1.09
1946	-.14	-.02	.04	.08	-.22	.32	.56	.28	.30	.29	-.33	.04	1.20
1947	-.01	.15	.02	-.04	.16	.27	.64	.43	.40	.31	.06	-.14	2.25
1948	-.05	-.10	.05	.26	-.07	.44	.51	.66	.60	.32	.19	.08	2.89
1949	-.35	-.11	.03	-.02	.16	.28	.37	.42	.37	-.25	.29	-.01	1.18
1950	-.19	-.23	.22	-.03	-.12	.32	.10	.39	.07	.33	.31	.22	1.39
1951	.06	-.12	.21	.21	.21	.03	.50	.70	.07	.23	.16	.09	2.35
1952	.11	.04	.04	-.19	.05	.47	.50	.83	.67	.59	-.16	-.12	2.83
1953	.10	.06	-.03	-.10	.00	.60	.22	.41	.38	.25	.04	-.02	1.91
1954	-.08	.20	.24	.07	-.08	.47	.85	.89	.63	-.04	.15	.14	3.44
1955	.07	-.08	.06	.06	.12	.38	.47	.17	.19	.45	.37	.16	2.42
1956	.05	-.11	.29	.20	.21	.45	.86	.84	.71	.37	.14	.13	4.14
1957	.05	-.01	-.08	-.62	-.25	.17	.56	.34	.17	.03	-.19	.12	.29
1958	.00	.11	-.02	-.18	.09	.29	.40	.40	.00	.24	.15	.14	1.62
1959	.21	-.02	.18	.06	-.01	.01	.13	.40	.32	-.02	.27	-.12	1.41
1960	-.06	.02	.12	.23	.27	.19	.30	.30	.30	.11	.17	-.36	1.59
1961	-.08	-.03	-.05	.28	.19	-.01	.34	.50	.26	.30	-.05	.00	1.65
1962	.01	.03	.14	-.04	.34	-.05	.33	.54	-.02	.06	.02	.12	1.48
1963	.11	.15	.11	-.11	.11	.34	.43	.66	.45	.58	.26	.08	3.17
1964	.13	.05	-.02	.03	.07	.37	.74	.45	.03	.41	.02	.12	2.40
1965	.04	-.20	.06	.23	-.32	.25	.63	.55	.14	.29	.07	.04	1.78
1966	.00	-.04	.13	-.20	.09	.35	.41	.22	.03	.28	.24	.10	1.61
1967	.12	.08	.16	-.10	-.06	.39	.30	.43	.03	.13	.13	.03	1.64
1968	.01	.04	-.02	.00	-.02	.22	.30	.54	.19	.25	.14	.11	1.76
1969	.00	-.02	.02	-.02	-.22	.36	.66	.52	.28	.28	.19	.02	2.07
1970	.05	-.10	-.03	-.17	.05	.41	.60	.57	.15	.10	.23	.06	1.92
1971	.18	.05	.27	.25	.25	.56	.45	.26	.32	.07	.16	-.12	2.70
1972	.01	.18	.26	.21	.34	.36	.56	.53	.28	.16	.00	.03	2.92
1973	-.08	-.02	.05	-.03	.27	.17	.33	.59	.10	.08	.07	.12	1.65
1974	-.08	.15	.22	.22	.22	.31	.65	.27	.00	.12	.00	-.01	2.07
1975	.02	-.04	.03	.10	.09	.28	.43	.55	.44	.42	.21	.06	2.59
1976	.18	.21	.10	.06	.12	.28	.26	.55	.12	.09	.16	.04	2.17
1977	-.08	.04	.09	.12	.32	.43	.66	.43	.44	.39	.07	.20	3.11
1978	-.05	-.07	.12	.26	.19	.47	.77	.59	.37	.49	-.03	.05	3.16
1979	-.09	-.05	.06	.13	.14	.40	.39	.38	.33	.36	.21	.01	2.27
1980	-.04	.07	.18	.18	.19	.49	.83	.80	.43	.33	.16	.07	3.69
AVG.	.01	.01	.08	.03	.08	.29	.48	.49	.29	.23	.10	.03	2.12

THERE ARE 63 AREA/CAPACITY/ELEVATION POINTS.

AREA (ACRES)	CAPACITY (ACRE-FEET)	ELEVATION (FEET)
0.	0.	373.0
1.	1.	374.0
2.	2.	375.0
3.	5.	376.0
4.	9.	377.0
6.	14.	378.0
8.	21.	379.0
11.	31.	380.0
14.	43.	381.0
22.	61.	382.0
50.	94.	383.0
169.	197.	384.0
434.	476.	385.0
797.	1097.	386.0
1191.	2075.	387.0
1669.	3503.	388.0
2336.	5486.	389.0
2941.	8138.	390.0
3522.	11364.	391.0
4089.	15170.	392.0
4654.	19539.	393.0
5336.	24545.	394.0
5911.	30174.	395.0
6453.	36360.	396.0
6987.	43073.	397.0
7502.	50310.	398.0
8159.	58133.	399.0
8862.	66627.	400.0
9542.	75839.	401.0
11025.	96387.	403.0
11621.	107736.	404.0
12125.	119608.	405.0
12640.	131983.	406.0
13199.	144901.	407.0
13758.	158385.	408.0
14324.	172430.	409.0
14940.	187050.	410.0
15658.	202338.	411.0
16483.	218407.	412.0
17279.	235291.	413.0
18034.	252947.	414.0
18784.	271359.	415.0
19500.	290508.	416.0
20181.	310359.	417.0
20823.	330855.	418.0
21427.	350985.	419.0
22000.	373691.	420.0
22650.	396006.	421.0
24104.	442733.	423.0
24913.	467244.	424.0
25785.	492587.	425.0
26669.	518811.	426.0
27472.	545886.	427.0
28265.	573743.	428.0
29164.	602452.	429.0
30280.	632162.	430.0
32176.	694633.	432.0
33140.	727299.	433.0
34132.	760930.	434.0
35154.	795619.	435.0
36244.	831809.	436.0
37334.	869088.	437.0
37879.	888137.	437.5

## **Lake Fork Reservoir**

LAKE FORK OPERATION w/ 2000 Area Capacity data sfk 10/29/98  
 1985 UPDATE OF SRA MASTER PLAN - ESPEY, HUSTON, & ASSOC

SUMMARY OF RUNOFF DATA  
 (VALUES IN ACRE-FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0.	379.	2717.	26615.	26207.	36170.	18083.	1676.	4383.	164.	16859.	76281.	209534.
1941	14026.	25453.	45808.	28802.	41090.	52712.	11903.	3773.	1005.	235.	3353.	8474.	236634.
1942	4230.	9200.	13070.	131400.	106820.	8800.	140.	1560.	1710.	600.	1800.	13950.	293280.
1943	10300.	3000.	6390.	14980.	18400.	111520.	52540.	0.	0.	2220.	0.	1890.	221240.
1944	11350.	29150.	44630.	23500.	134060.	23420.	1630.	170.	3170.	20.	5420.	28260.	304780.
1945	44610.	26110.	180550.	297930.	11140.	33000.	116230.	1530.	120.	43370.	11250.	6400.	772240.
1946	85750.	102030.	49490.	14590.	78420.	131390.	970.	1350.	1480.	570.	113220.	33540.	612800.
1947	33615.	5031.	19907.	50694.	23405.	4478.	2099.	476.	1409.	0.	8752.	51073.	200939.
1948	60837.	54009.	60485.	11583.	83454.	917.	3621.	132.	0.	0.	396.	698.	276132.
1949	16002.	48252.	59660.	32633.	18498.	3137.	4731.	229.	809.	41903.	41392.	6040.	273286.
1950	57480.	153230.	31450.	14490.	87770.	28200.	17850.	23100.	7180.	1000.	440.	690.	422880.
1951	5487.	31750.	26375.	2361.	6153.	9255.	1543.	0.	0.	0.	272.	1080.	84276.
1952	6090.	6158.	13905.	93359.	66253.	6044.	73.	0.	0.	0.	890.	18236.	211008.
1953	31580.	6790.	14960.	31870.	164740.	230.	7690.	760.	10040.	10.	850.	14790.	284310.
1954	42816.	20927.	2682.	8259.	14458.	1052.	0.	0.	0.	1194.	27738.	1674.	120800.
1955	4435.	10697.	18027.	24907.	1662.	515.	0.	1356.	2563.	136.	0.	0.	64298.
1956	256.	13065.	886.	777.	12045.	104.	0.	0.	0.	0.	1222.	166.	28521.
1957	1610.	10600.	10200.	104410.	261220.	61100.	90.	170.	3500.	34430.	88380.	16140.	591850.
1958	49000.	6030.	40500.	50340.	249740.	14580.	4430.	0.	7020.	1660.	5950.	4040.	433290.
1959	2030.	41893.	39766.	34516.	23619.	2009.	5599.	3863.	1909.	23625.	6530.	86545.	271904.
1960	89837.	32754.	24328.	2525.	4448.	6659.	4523.	159.	4133.	3275.	7299.	91177.	271117.
1961	48501.	45871.	50788.	22209.	3485.	26418.	5947.	508.	2039.	109.	9921.	28759.	244555.
1962	17521.	22613.	25009.	27622.	22995.	6586.	6209.	2231.	24045.	1908.	16524.	16683.	189946.
1963	13536.	1776.	5411.	15512.	31204.	6773.	358.	1.	142.	0.	0.	0.	74713.
1964	133.	1067.	3111.	14896.	954.	693.	0.	15.	105.	195.	477.	90.	21736.
1965	1280.	42372.	7260.	1548.	93856.	16973.	89.	0.	1045.	8.	165.	45.	164641.
1966	1750.	28490.	2370.	131140.	119740.	1230.	690.	2470.	12160.	4650.	330.	5190.	310210.
1967	3181.	3324.	3349.	24381.	45937.	23866.	1117.	0.	1213.	11105.	41828.	44684.	203985.
1968	49000.	29930.	71670.	37750.	140500.	24240.	3140.	240.	6980.	890.	9040.	33500.	406880.
1969	6880.	73500.	89080.	38170.	120230.	1380.	0.	0.	0.	120.	2110.	5770.	337240.
1970	15969.	30987.	91009.	38090.	8996.	17305.	759.	689.	4762.	19261.	3530.	1336.	232693.
1971	1630.	12010.	6570.	1210.	9240.	110.	2960.	2650.	1880.	29220.	3750.	174010.	245240.
1972	43995.	8388.	4410.	1453.	643.	10647.	167.	0.	0.	3547.	19403.	21095.	113748.
1973	29660.	35570.	96870.	120070.	9830.	50830.	1870.	50.	7600.	25970.	75560.	48790.	502670.
1974	83370.	11700.	13270.	56250.	10890.	40750.	210.	730.	37580.	6410.	160190.	66780.	488130.
1975	22120.	108850.	47580.	47280.	62050.	39840.	3640.	1360.	720.	600.	400.	770.	335210.
1976	457.	915.	7180.	75612.	76966.	4496.	18933.	212.	965.	1510.	1451.	10355.	199052.
1977	10627.	58220.	72551.	52030.	2478.	5696.	2621.	1280.	272.	0.	1665.	500.	207940.
1978	3281.	10920.	28417.	3364.	10857.	629.	0.	0.	0.	0.	1538.	311.	59317.
1979	18222.	20299.	35150.	52153.	92927.	8906.	1490.	27041.	2760.	2064.	4003.	56660.	321675.
1980	71759.	38599.	18467.	59621.	87143.	7633.	217.	0.	806.	1146.	821.	9022.	295234.
AVG.	24737.	29803.	33788.	44412.	58159.	20251.	7419.	1946.	3793.	6418.	16944.	24036.	271706.

LAKE FORK OPERATION w/ 2000 Area Capacity data sfk 10/29/98  
 1985 UPDATE OF SRA MASTER PLAN - ESPEY, HUSTON, & ASSOC

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YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	.06	-.02	.15	.03	.05	.10	.33	.36	.42	.23	-.33	-.13	1.25
1941	.04	-.05	.02	-.08	.17	-.14	.26	.37	.26	.01	.09	-.03	.92
1942	.09	.11	.13	-.35	.15	.12	.47	.26	.20	.21	.13	-.12	1.40
1943	.04	.21	.02	.19	-.08	.22	.47	.61	.26	.06	.17	-.07	2.10
1944	-.09	-.17	-.06	.06	-.34	.35	.46	.29	.36	.36	-.14	-.24	.84
1945	-.01	-.16	-.59	.07	.23	.02	.10	.32	.31	.02	.17	.09	.57
1946	-.23	-.05	-.03	.04	-.31	.25	.49	.15	.29	.24	-.36	.03	.51
1947	-.05	.12	-.06	-.10	.08	.26	.54	.38	.29	.29	.00	-.16	1.59
1948	-.10	-.12	.02	.15	-.10	.42	.53	.59	.56	.27	.10	.01	2.33
1949	-.43	-.13	.01	-.11	.19	.26	.24	.32	.32	-.37	.26	-.06	.50
1950	-.20	-.29	.16	-.08	-.20	.29	.13	.39	-.03	.27	.26	.20	.90
1951	.01	-.15	.15	.16	.21	.06	.38	.61	-.07	.19	.12	-.02	1.65
1952	.05	-.03	-.02	-.22	.02	.37	.40	.77	.65	.56	-.18	-.16	2.21
1953	.05	.03	-.09	-.14	-.10	.47	.08	.33	.31	.29	.03	-.10	1.16
1954	-.11	.15	.18	.03	-.16	.44	.77	.83	.61	-.14	.11	.08	2.79
1955	.02	-.11	-.03	-.01	.07	.36	.33	-.02	.12	.39	.33	.14	1.59
1956	.02	-.16	.23	.15	.13	.36	.75	.66	.62	.34	.13	.14	3.37
1957	.02	-.05	-.10	-.63	-.21	.05	.48	.34	.14	-.08	-.21	.10	-.15
1958	-.02	.08	.00	-.22	.06	.13	.27	.29	-.10	.19	.09	.15	.92
1959	.19	-.06	.10	-.02	-.15	-.03	.04	.29	.25	.07	.24	-.16	.76
1960	-.08	-.01	.08	.17	.24	.06	.24	.29	.21	.09	.13	-.38	1.04
1961	-.09	-.05	-.08	.23	.17	-.10	.23	.39	.21	.27	-.10	-.06	1.02
1962	-.07	-.04	.09	-.06	.27	-.10	.30	.46	.00	.00	.00	.10	.95
1963	.09	.13	.04	-.14	.09	.27	.31	.59	.39	.54	.22	.06	2.59
1964	.13	-.01	-.04	-.05	-.04	.29	.62	.37	.08	.38	.05	.08	1.86
1965	.01	-.25	.00	.18	-.41	.21	.52	.47	.08	.26	.09	.00	1.16
1966	-.03	-.05	.08	-.22	-.03	.23	.26	.19	.07	.23	.17	.10	1.00
1967	.09	.05	.07	-.22	-.18	.35	.19	.27	.06	.08	.15	.04	.95
1968	.08	.07	-.01	-.02	-.11	.19	.16	.49	.15	.25	.20	.10	1.55
1969	-.04	-.04	.01	-.16	-.33	.30	.52	.53	.28	.33	.17	.01	1.58
1970	.03	-.10	-.06	-.23	.01	.27	.53	.56	.24	.10	.14	-.05	1.44
1971	.18	.02	.17	.22	.22	.51	.38	.26	.30	.06	.10	-.14	2.28
1972	-.02	.17	.18	.19	.32	.27	.43	.47	.24	.14	-.01	.02	2.40
1973	-.08	-.02	.01	-.03	.22	.14	.32	.54	.08	.05	.02	.08	1.33
1974	-.12	.11	.17	.16	.18	.24	.56	.23	-.05	.12	-.02	-.03	1.55
1975	.01	-.05	.03	.08	.10	.22	.46	.53	.44	.35	.19	.05	2.41
1976	.12	.15	.05	.07	.11	.24	.23	.51	.12	.07	.14	.02	1.83
1977	-.08	.01	.08	.11	.31	.40	.59	.37	.37	.36	.03	.15	2.70
1978	-.08	-.07	.09	.24	.20	.42	.68	.58	.36	.44	-.04	.02	2.84
1979	-.11	-.04	.06	.13	.17	.37	.35	.40	.29	.34	.17	.01	2.14
1980	-.07	.06	.13	.14	.16	.38	.75	.70	.38	.26	.12	.09	3.10
AVG.	-.02	-.02	.03	-.01	.03	.23	.39	.42	.25	.20	.07	.00	1.57

LAKE FORK OPERATION w/ 2000 Area Capacity data sfk 10/29/98  
1985 UPDATE OF SRA MASTER PLAN - ESPEY, HUSTON, & ASSOC

THERE ARE 15 AREA/CAPACITY/ELEVATION POINTS.

AREA (ACRES)	CAPACITY (ACRE-FEET)	ELEVATION (FEET)
0.	0.	335.0
16.	39.	340.0
656.	1717.	345.0
1706.	7621.	350.0
3176.	19824.	355.0
4776.	39702.	360.0
6456.	67780.	365.0
8316.	104709.	370.0
10906.	152762.	375.0
13886.	214740.	380.0
16056.	289593.	385.0
18416.	375772.	390.0
21706.	476075.	395.0
25306.	593603.	400.0
27626.	673000.	403.0



## **Wood County Lakes**

**Lake Winnsboro**

**Lake Hawkins**

**Lake Quitman**

**Lake Holbrook**

LAKE WINNSBORO Firm yield calculations  
 SRA96425 ADK 9/22/98 1997 A/C Data

SUMMARY OF RUNOFF DATA  
 (VALUES IN ACRE-FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	259.	523.	511.	892.	688.	1637.	772.	127.	497.	126.	1111.	3174.	10317.
1941	1441.	1330.	2736.	1490.	1014.	2873.	873.	237.	224.	354.	588.	1498.	14658.
1942	1075.	1079.	1238.	3538.	4926.	852.	253.	719.	387.	320.	408.	1607.	16402.
1943	2101.	804.	429.	1522.	571.	2636.	1483.	119.	145.	1090.	243.	891.	12034.
1944	2238.	3432.	3259.	2401.	6136.	1043.	181.	188.	245.	154.	387.	2094.	21758.
1945	2898.	1027.	9052.	18963.	1520.	2007.	5492.	345.	228.	2055.	993.	1576.	46156.
1946	5303.	3639.	3390.	1963.	4070.	8885.	545.	284.	618.	414.	4720.	2369.	36200.
1947	2591.	1359.	2210.	2762.	1704.	448.	415.	87.	341.	234.	402.	2614.	15167.
1948	4202.	2815.	3732.	1383.	3446.	505.	263.	157.	132.	174.	290.	392.	17491.
1949	568.	2049.	3311.	1826.	2179.	530.	1670.	348.	399.	1663.	2446.	937.	17926.
1950	4325.	5910.	1520.	1608.	6252.	1379.	637.	1620.	717.	396.	493.	522.	25379.
1951	1234.	1955.	2465.	844.	1118.	570.	230.	126.	184.	204.	354.	388.	9672.
1952	579.	928.	1277.	2044.	3976.	1073.	186.	113.	94.	114.	101.	994.	11479.
1953	2003.	892.	1587.	1478.	7034.	263.	824.	311.	481.	198.	421.	1322.	16814.
1954	1692.	1057.	641.	585.	1215.	552.	133.	78.	66.	11.	551.	510.	7091.
1955	577.	941.	1983.	1444.	446.	192.	177.	249.	224.	140.	138.	244.	6755.
1956	359.	1144.	503.	318.	583.	98.	60.	54.	64.	65.	138.	199.	3585.
1957	113.	1055.	384.	3773.	8134.	2983.	274.	309.	320.	1805.	3685.	1499.	24334.
1958	2731.	1152.	2153.	2107.	10323.	1706.	1002.	257.	795.	469.	1071.	874.	24640.
1959	613.	2069.	2205.	2379.	2546.	574.	349.	642.	433.	358.	446.	2665.	15279.
1960	5002.	1855.	2100.	718.	656.	419.	434.	271.	364.	352.	562.	4453.	17186.
1961	2809.	2727.	3204.	2039.	631.	1226.	936.	302.	466.	277.	1009.	2950.	18576.
1962	1727.	2081.	2379.	1668.	1493.	477.	520.	217.	363.	415.	589.	807.	12736.
1963	810.	581.	939.	1449.	1481.	237.	188.	130.	169.	141.	255.	345.	6725.
1964	362.	558.	858.	736.	445.	180.	88.	110.	151.	176.	267.	259.	4190.
1965	486.	1586.	884.	503.	1968.	855.	117.	81.	105.	119.	159.	223.	7086.
1966	314.	555.	389.	5674.	4651.	313.	127.	197.	444.	260.	326.	434.	13684.
1967	609.	442.	424.	1037.	1019.	1687.	157.	96.	151.	173.	419.	843.	7057.
1968	1963.	1321.	2434.	2085.	5743.	1472.	598.	220.	500.	388.	694.	1627.	19045.
1969	806.	3261.	5006.	2961.	3117.	476.	158.	133.	133.	186.	766.	1033.	18036.
1970	1199.	1269.	2954.	1673.	860.	827.	198.	140.	208.	581.	553.	475.	10937.
1971	512.	662.	606.	425.	380.	133.	484.	309.	129.	209.	514.	2493.	6856.
1972	2686.	1022.	883.	433.	436.	420.	217.	126.	156.	294.	986.	949.	8608.
1973	1268.	1669.	4733.	7452.	1384.	3574.	488.	266.	807.	1221.	3277.	2868.	29007.
1974	3113.	1586.	1236.	2866.	1293.	2833.	328.	404.	3080.	865.	6171.	3785.	27560.
1975	2295.	4313.	3506.	2573.	4262.	1644.	636.	316.	229.	256.	389.	660.	21079.
1976	829.	816.	1934.	1797.	2391.	700.	2292.	194.	615.	567.	509.	1548.	14192.
1977	980.	3364.	3384.	4023.	650.	412.	223.	445.	290.	202.	448.	683.	15104.
1978	1035.	1045.	1835.	629.	1018.	202.	178.	208.	208.	111.	213.	227.	6909.
1979	1633.	1122.	2116.	3084.	4307.	2171.	1652.	1235.	2574.	684.	1150.	1844.	23572.
1980	3732.	2853.	1933.	3130.	3877.	497.	104.	102.	158.	237.	338.	481.	17442.
AVG.	1733.	1704.	2154.	2446.	2682.	1258.	633.	290.	436.	440.	941.	1350.	16067.

LAKE WINNSBORO Firm yield calculations  
 SRA96425 ADK 9/22/98 1997 A/C Data

SUMMARY OF NET EVAPORATION DATA  
 (VALUES IN FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	.06	-.02	.13	-.01	.02	.10	.28	.36	.42	.23	-.31	-.13	1.13
1941	.04	-.04	.01	-.10	.14	-.12	.24	.36	.27	.01	.08	-.03	.86
1942	.10	.11	.11	-.33	.13	.12	.47	.22	.21	.20	.14	-.12	1.36
1943	.02	.20	.02	.19	-.03	.24	.47	.61	.28	.10	.17	-.07	2.20
1944	-.10	-.20	-.07	.04	-.34	.34	.46	.26	.36	.35	-.15	-.26	.69
1945	-.01	-.18	-.58	.06	.21	.00	.12	.32	.31	.03	.16	.09	.53
1946	-.24	-.05	-.02	.02	-.31	.24	.47	.20	.29	.24	-.36	.03	.51
1947	-.05	.12	-.07	-.10	.06	.27	.53	.38	.28	.28	-.02	-.17	1.51
1948	-.11	-.13	.00	.16	-.14	.40	.49	.58	.54	.25	.07	.02	2.13
1949	-.43	-.12	.00	-.10	.20	.23	.20	.31	.32	-.35	.25	-.05	.46
1950	-.23	-.29	.14	-.07	-.24	.28	.10	.35	-.10	.25	.25	.19	.63
1951	-.01	-.16	.14	.15	.21	.04	.37	.58	-.09	.19	.11	.01	1.54
1952	.02	-.02	-.04	-.23	.01	.36	.37	.74	.64	.55	-.19	-.14	2.07
1953	.02	.03	-.08	-.16	-.11	.48	.05	.33	.31	.30	.03	-.10	1.10
1954	-.13	.14	.18	.03	-.20	.43	.74	.81	.61	-.11	.12	.07	2.69
1955	.02	-.11	-.03	-.02	.08	.38	.32	-.02	.13	.35	.32	.14	1.56
1956	.03	-.20	.22	.15	.14	.34	.72	.66	.61	.33	.14	.14	3.28
1957	.01	-.06	-.11	-.59	-.21	.03	.45	.35	.13	-.06	-.23	.09	-.20
1958	-.03	.08	-.01	-.25	.05	.12	.26	.27	-.06	.20	.08	.15	.86
1959	.19	-.07	.09	-.01	-.11	-.02	.02	.29	.24	.07	.24	-.17	.76
1960	-.08	-.01	.08	.19	.24	.10	.26	.29	.18	.11	.15	-.36	1.15
1961	-.05	-.04	-.09	.22	.17	-.09	.20	.40	.22	.27	-.10	-.06	1.05
1962	-.08	-.03	.09	-.06	.29	-.10	.36	.48	.04	.01	.01	.12	1.13
1963	.08	.13	.02	-.14	.11	.25	.27	.58	.40	.53	.22	.05	2.50
1964	.15	.00	-.05	-.09	.00	.30	.63	.33	.08	.39	.05	.07	1.86
1965	.00	-.26	.00	.19	-.34	.20	.54	.47	.10	.28	.10	.02	1.30
1966	-.03	-.03	.12	-.16	.00	.29	.29	.23	.08	.24	.16	.07	1.26
1967	.07	.05	.10	-.16	-.13	.35	.20	.32	.07	.10	.13	.03	1.13
1968	.06	.06	-.02	.00	-.09	.19	.22	.45	.13	.21	.16	.10	1.47
1969	-.03	-.05	.00	-.13	-.24	.31	.52	.52	.24	.29	.16	.01	1.60
1970	.01	-.11	-.03	-.27	.04	.33	.53	.54	.23	.09	.14	-.05	1.45
1971	.15	.01	.19	.22	.22	.50	.36	.26	.29	.06	.10	-.15	2.21
1972	-.02	.16	.18	.19	.31	.27	.43	.47	.23	.12	-.03	.01	2.32
1973	-.08	-.02	.00	-.04	.23	.13	.30	.53	.07	.04	.01	.05	1.22
1974	-.13	.10	.17	.15	.18	.22	.53	.23	-.06	.11	-.03	-.04	1.43
1975	.01	-.06	.02	.08	.09	.21	.46	.51	.42	.36	.17	.04	2.31
1976	.12	-.14	.04	.07	.10	.23	.23	.52	.13	.07	.13	.02	1.80
1977	-.08	.01	.08	.11	.31	.40	.56	.35	.36	.36	.03	.14	2.63
1978	-.08	-.06	.09	.23	.20	.42	.67	.59	.36	.44	-.05	.01	2.82
1979	-.11	-.04	.05	.11	.15	.35	.33	.37	.28	.31	.15	.01	1.96
1980	-.07	.06	.12	.14	.15	.36	.74	.70	.38	.25	.11	.09	3.03
AVG.	-.02	-.02	.03	-.01	.04	.23	.38	.42	.24	.20	.07	.00	1.56

LAKE WINNSBORO Firm yield calculations  
SRA96425 ADK 9/22/98 1997 A/C Data

THERE ARE 5 AREA/CAPACITY/ELEVATION POINTS.

AREA (ACRES)	CAPACITY (ACRE-FEET)	ELEVATION (FEET)
0.	0.	400.0
163.	163.	405.0
358.	2247.	410.0
558.	4537.	415.0
734.	7121.	419.0

LAKE HAWKINS Firm yield calculations  
 SRA96425 JSA 4/30/97

SUMMARY OF RUNOFF DATA  
 (VALUES IN ACRE-FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	286.	578.	566.	988.	761.	1813.	854.	141.	550.	139.	1229.	3513.	11418.
1941	1595.	1472.	3028.	1649.	1123.	3180.	967.	263.	248.	392.	651.	1658.	16226.
1942	1189.	1195.	1371.	3917.	5453.	943.	280.	796.	428.	353.	452.	1779.	18156.
1943	2326.	889.	475.	1685.	633.	2918.	1641.	132.	160.	1206.	269.	987.	13321.
1944	2478.	3799.	3608.	2658.	6793.	1154.	200.	208.	271.	171.	428.	2318.	24086.
1945	3208.	1137.	10021.	20992.	1682.	2222.	6079.	382.	253.	2275.	1099.	1745.	51095.
1946	5871.	4028.	3753.	2173.	4506.	9836.	603.	314.	683.	458.	5225.	2623.	40073.
1947	2869.	1505.	2446.	3058.	1886.	496.	459.	97.	378.	258.	445.	2893.	16790.
1948	4652.	3117.	4132.	1530.	3814.	559.	292.	173.	147.	193.	321.	434.	19364.
1949	628.	2268.	3666.	2022.	2412.	586.	1849.	385.	442.	1842.	2708.	1038.	19846.
1950	4788.	6543.	1682.	1780.	6922.	1527.	705.	1793.	794.	439.	546.	578.	28097.
1951	1366.	2165.	2728.	934.	1238.	631.	255.	139.	203.	226.	392.	429.	10706.
1952	641.	1028.	1413.	2263.	4402.	1188.	206.	124.	103.	127.	112.	1100.	12707.
1953	2218.	988.	1757.	1637.	7788.	292.	913.	345.	533.	219.	467.	1463.	18620.
1954	1873.	1171.	709.	648.	1345.	611.	147.	87.	73.	13.	609.	565.	7851.
1955	638.	1042.	2195.	1598.	494.	213.	196.	276.	248.	155.	153.	270.	7478.
1956	397.	1267.	557.	353.	645.	108.	66.	60.	71.	73.	153.	220.	3970.
1957	125.	1168.	425.	4177.	9005.	3302.	303.	342.	354.	1998.	4079.	1659.	26937.
1958	3023.	1275.	2383.	2333.	11428.	1888.	1108.	285.	880.	519.	1186.	968.	27276.
1959	678.	2291.	2441.	2633.	2819.	635.	387.	711.	478.	396.	494.	2951.	16914.
1960	5539.	2054.	2325.	795.	726.	464.	481.	300.	403.	390.	622.	4931.	19030.
1961	3111.	3020.	3548.	2258.	699.	1358.	1037.	334.	516.	307.	1117.	3267.	20572.
1962	1912.	2304.	2634.	1847.	1654.	529.	575.	240.	402.	459.	652.	893.	14101.
1963	896.	643.	1039.	1604.	1639.	262.	208.	143.	187.	156.	283.	381.	7441.
1964	401.	617.	950.	814.	492.	200.	98.	121.	167.	195.	295.	286.	4636.
1965	538.	1756.	979.	557.	2178.	947.	130.	90.	116.	132.	176.	246.	7845.
1966	348.	614.	430.	6280.	5151.	346.	141.	218.	492.	288.	361.	480.	15149.
1967	674.	489.	470.	1149.	1128.	1867.	174.	106.	167.	192.	464.	933.	7813.
1968	2174.	1463.	2696.	2309.	6360.	1631.	662.	243.	554.	430.	768.	1802.	21092.
1969	893.	3611.	5544.	3279.	3452.	527.	175.	147.	148.	206.	847.	1143.	19972.
1970	1327.	1405.	3271.	1853.	952.	915.	219.	155.	230.	643.	612.	525.	12107.
1971	566.	733.	671.	471.	421.	147.	536.	341.	143.	231.	569.	2760.	7589.
1972	2975.	1131.	978.	480.	483.	465.	241.	139.	173.	325.	1092.	1051.	9533.
1973	1404.	1849.	5242.	8253.	1533.	3958.	540.	294.	893.	1352.	3629.	3176.	32123.
1974	3448.	1756.	1369.	3174.	1432.	3138.	363.	447.	3411.	958.	6834.	4192.	30522.
1975	2542.	4776.	3883.	2850.	4720.	1820.	704.	349.	254.	283.	431.	731.	23343.
1976	918.	903.	2142.	1990.	2648.	775.	2538.	214.	680.	627.	564.	1714.	15713.
1977	1084.	3726.	3748.	4456.	720.	456.	247.	493.	321.	224.	496.	756.	16727.
1978	1146.	1156.	2032.	696.	1126.	223.	197.	231.	231.	123.	235.	252.	7648.
1979	1808.	1242.	2343.	3415.	4770.	2404.	1829.	1367.	2849.	758.	1273.	2042.	26100.
1980	4133.	3159.	2141.	3467.	4293.	550.	115.	113.	175.	262.	374.	533.	19315.
AVG.	1919.	1886.	2385.	2708.	2969.	1392.	700.	320.	483.	488.	1042.	1495.	17787.

LAKE HAWKINS Firm yield calculations  
 SRA96425 JSA 4/30/97

SUMMARY OF NET EVAPORATION DATA  
 (VALUES IN FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	.05	-.03	.12	.02	.07	.07	.31	.30	.40	.22	-.38	-.17	.98
1941	.01	-.06	-.01	-.07	.13	-.13	.26	.35	.22	.00	.06	-.05	.71
1942	.08	.10	.11	-.31	.13	.09	.43	.17	.19	.18	.13	-.12	1.18
1943	.05	.21	.02	.19	-.09	.23	.44	.59	.24	.05	.17	-.09	2.01
1944	-.14	-.22	-.10	.00	-.40	.32	.46	.26	.34	.35	-.16	-.31	.40
1945	-.04	-.14	-.59	.04	.22	.02	.08	.32	.34	-.02	.15	.05	.43
1946	-.28	-.06	-.04	.03	-.33	.21	.48	.14	.29	.22	-.38	.04	.32
1947	-.08	.09	-.10	-.08	.04	.26	.52	.38	.28	.28	-.02	-.17	1.40
1948	-.14	-.14	.00	.13	-.09	.40	.51	.58	.54	.27	.03	.00	2.09
1949	-.41	-.12	-.01	-.13	.17	.26	.15	.29	.29	-.39	.25	-.07	.28
1950	-.22	-.28	.13	-.10	-.20	.26	.15	.35	-.07	.24	.22	.19	.67
1951	-.03	-.14	.10	.16	.21	.10	.37	.64	-.11	.22	.09	-.05	1.56
1952	.01	-.07	-.03	-.19	.00	.35	.37	.73	.63	.53	-.18	-.17	1.98
1953	.03	.01	-.11	-.13	-.17	.44	.05	.32	.30	.29	.02	-.14	.91
1954	-.13	.13	.16	.03	-.20	.44	.73	.79	.62	-.13	.07	.06	2.57
1955	-.01	-.16	-.04	-.02	.02	.34	.31	-.04	.11	.39	.31	.12	1.33
1956	.01	-.18	.20	.13	.07	.33	.68	.59	.57	.31	.12	.12	2.95
1957	.01	-.08	-.11	-.67	-.14	.01	.44	.32	.15	-.18	-.23	.09	-.39
1958	-.04	.05	.01	-.26	.05	.10	.28	.27	-.14	.17	.09	.15	.73
1959	.17	-.09	.09	-.06	-.21	-.02	.04	.29	.22	.09	.21	-.18	.55
1960	-.10	-.03	.06	.16	.25	.06	.26	.29	.18	.10	.10	-.41	.92
1961	-.11	-.07	-.09	.22	.18	-.17	.19	.38	.18	.24	-.10	-.08	.77
1962	-.11	-.05	.08	-.09	.23	-.07	.30	.47	.02	.02	-.02	.08	.86
1963	.07	.11	.04	-.16	.10	.25	.33	.55	.35	.53	.19	.02	2.38
1964	.12	-.02	-.05	-.06	-.03	.30	.58	.34	.10	.36	.05	.04	1.73
1965	-.03	-.25	-.03	.18	-.42	.19	.51	.45	.09	.28	.11	-.03	1.05
1966	-.06	-.03	.08	-.13	-.05	.29	.30	.22	.08	.20	.13	.07	1.10
1967	.05	.05	.09	-.18	-.14	.34	.26	.31	.07	.10	.11	.05	1.11
1968	.08	.06	-.01	-.02	-.03	.25	.23	.47	.18	.20	.20	.10	1.71
1969	-.04	-.06	.01	-.20	-.29	.35	.53	.51	.26	.31	.14	.01	1.53
1970	.01	-.08	-.03	-.25	.03	.28	.52	.53	.30	.13	.13	-.09	1.48
1971	.17	.01	.18	.22	.22	.49	.37	.27	.29	.10	.09	-.10	2.31
1972	-.04	.16	.15	.17	.30	.25	.39	.46	.24	.14	-.03	.01	2.20
1973	-.08	-.01	.02	-.04	.22	.13	.29	.53	.10	.05	.03	.06	1.30
1974	-.14	.09	.15	.15	.18	.23	.54	.23	-.02	.13	-.02	-.03	1.49
1975	.01	-.06	.02	.06	.10	.22	.46	.49	.43	.31	.17	.05	2.26
1976	.10	.13	.04	.08	.10	.22	.21	.48	.12	.07	.13	.00	1.68
1977	-.08	.01	.07	.10	.32	.38	.57	.35	.33	.36	.03	.12	2.56
1978	-.08	-.05	.11	.23	.21	.43	.64	.56	.32	.41	-.05	.01	2.74
1979	-.12	-.02	.06	.13	.18	.37	.36	.41	.29	.36	.14	.00	2.16
1980	-.09	.05	.10	.12	.15	.39	.74	.68	.38	.26	.10	.10	2.98
AVG.	-.04	-.03	.02	-.01	.03	.23	.38	.41	.24	.19	.05	-.02	1.45

LAKE HAWKINS Firm yield calculations  
SRA96425 JSA 4/30/97

THERE ARE 8 AREA/CAPACITY/ELEVATION POINTS.

AREA (ACRES)	CAPACITY (ACRE-FEET)	ELEVATION (FEET)
0.	0.	312.0
72.	117.	315.0
161.	823.	320.0
266.	2005.	325.0
390.	3646.	330.0
518.	4926.	335.0
656.	8830.	340.0
776.	11794.	343.8

LAKE QUITMAN Firm yield calculations  
 SRA96425 ADK 9/22/98

SUMMARY OF RUNOFF DATA  
 (VALUES IN ACRE-FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	1.	27.	176.	1705.	1680.	2317.	1160.	110.	283.	13.	1081.	4882.	13435.
1941	899.	1629.	2931.	1844.	2630.	3373.	764.	245.	67.	18.	217.	544.	15161.
1942	273.	591.	837.	8400.	6829.	566.	12.	103.	111.	41.	118.	894.	18775.
1943	666.	196.	413.	966.	1187.	7176.	3383.	0.	2.	146.	2.	124.	14261.
1944	728.	1865.	2854.	1504.	8569.	1499.	107.	14.	205.	4.	349.	1808.	19506.
1945	2836.	1661.	11471.	18926.	711.	2099.	7386.	100.	10.	2757.	717.	409.	49083.
1946	5456.	6491.	3150.	930.	4991.	8359.	65.	89.	97.	39.	7203.	2136.	39006.
1947	2178.	328.	1291.	3283.	1518.	293.	139.	34.	94.	2.	569.	3308.	13037.
1948	3932.	3491.	3909.	751.	5393.	62.	237.	12.	0.	0.	28.	48.	17863.
1949	1030.	3100.	3832.	2097.	1191.	204.	307.	18.	55.	2692.	2659.	390.	17575.
1950	3680.	9806.	2014.	930.	5619.	1807.	1145.	1481.	462.	67.	30.	46.	27087.
1951	374.	2150.	1786.	162.	420.	629.	108.	0.	0.	0.	21.	76.	5726.
1952	400.	405.	911.	6101.	4331.	398.	8.	0.	0.	0.	60.	1194.	13808.
1953	2040.	441.	968.	2059.	10634.	18.	500.	53.	650.	4.	57.	957.	18381.
1954	2897.	1417.	184.	561.	981.	75.	0.	0.	0.	83.	1878.	116.	8192.
1955	309.	742.	1248.	1724.	118.	39.	1.	97.	180.	12.	0.	3.	4473.
1956	22.	964.	68.	60.	890.	11.	0.	0.	0.	0.	93.	15.	2123.
1957	105.	678.	653.	6655.	16648.	3896.	9.	14.	226.	2196.	5634.	1031.	37745.
1958	3142.	389.	2597.	3228.	16003.	938.	287.	2.	452.	109.	384.	261.	27792.
1959	134.	2710.	2572.	2233.	1530.	133.	365.	253.	126.	409.	510.	3049.	14024.
1960	5722.	2122.	2402.	821.	750.	479.	497.	310.	416.	403.	643.	5094.	19659.
1961	3214.	3120.	3665.	2332.	722.	1402.	1071.	345.	533.	317.	1154.	3375.	21250.
1962	1975.	2381.	2722.	1908.	1708.	546.	594.	248.	415.	474.	673.	923.	14567.
1963	926.	665.	1073.	1657.	1694.	271.	215.	148.	193.	161.	292.	394.	7689.
1964	414.	638.	981.	842.	509.	206.	101.	125.	173.	202.	305.	296.	4792.
1965	555.	1814.	1011.	575.	2250.	978.	134.	93.	120.	136.	182.	255.	8103.
1966	359.	635.	445.	6490.	5322.	358.	146.	226.	508.	297.	373.	496.	15655.
1967	697.	505.	485.	1187.	1165.	1930.	180.	110.	172.	198.	479.	964.	8072.
1968	2246.	1511.	2785.	2385.	6571.	1685.	684.	251.	572.	444.	794.	1862.	21790.
1969	922.	3731.	5728.	3387.	3566.	544.	181.	152.	152.	213.	876.	1181.	20633.
1970	1371.	1452.	3379.	1914.	984.	946.	227.	161.	238.	664.	632.	543.	12511.
1971	585.	757.	693.	486.	435.	152.	553.	353.	147.	239.	588.	2852.	7840.
1972	3073.	1169.	1011.	496.	499.	480.	249.	144.	179.	336.	1128.	1086.	9850.
1973	1451.	1910.	5415.	8526.	1584.	4089.	558.	304.	923.	1397.	3750.	3281.	33188.
1974	3562.	1815.	1415.	3279.	1480.	3242.	375.	462.	3524.	990.	7060.	4331.	31535.
1975	2626.	4934.	4011.	2944.	4876.	1880.	727.	361.	262.	293.	445.	755.	24114.
1976	949.	933.	2213.	2056.	2736.	800.	2622.	221.	703.	648.	582.	1771.	16234.
1977	1120.	3849.	3872.	4603.	744.	471.	256.	509.	331.	231.	512.	781.	17279.
1978	1184.	1195.	2099.	719.	1164.	230.	204.	238.	238.	127.	243.	260.	7901.
1979	1868.	1283.	2421.	3528.	4928.	2484.	1890.	1412.	2944.	783.	1315.	2110.	26966.
1980	4269.	3264.	2212.	3581.	4435.	568.	119.	117.	181.	271.	386.	551.	19954.
AVG.	1712.	1921.	2290.	2874.	3415.	1406.	672.	217.	389.	425.	1074.	1328.	17723.



LAKE QUITMAN Firm yield calculations  
 SRA96425 ADK 9/22/98

SUMMARY OF NET EVAPORATION DATA  
 (VALUES IN FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	.06	-.01	.15	.01	.03	.11	.32	.38	.42	.24	-.31	-.12	1.28
1941	.05	-.04	.03	-.09	.17	-.13	.25	.37	.28	.01	.10	-.02	.98
1942	.10	.11	.13	-.35	.15	.13	.48	.27	.21	.21	.13	-.12	1.45
1943	.02	.21	.02	.19	-.05	.22	.48	.62	.28	.08	.17	-.06	2.18
1944	-.08	-.17	-.06	.07	-.32	.36	.46	.29	.37	.36	-.14	-.23	.91
1945	.00	-.17	-.58	.08	.23	.02	.11	.32	.30	.03	.18	.10	.62
1946	-.22	-.05	-.02	.04	-.30	.26	.49	.18	.29	.25	-.36	.03	.59
1947	-.04	.13	-.06	-.10	.09	.27	.54	.38	.29	.29	.00	-.16	1.63
1948	-.10	-.12	.02	.16	-.12	.42	.52	.59	.56	.27	.11	.02	2.33
1949	-.43	-.13	.01	-.10	.20	.25	.25	.33	.32	-.35	.26	-.05	.56
1950	-.21	-.29	.16	-.07	-.21	.30	.11	.38	-.05	.27	.26	.20	.85
1951	.01	-.15	.16	.16	.21	.04	.38	.58	-.07	.18	.12	.00	1.62
1952	.05	-.02	-.03	-.23	.02	.37	.40	.77	.65	.56	-.18	-.15	2.21
1953	.05	.04	-.08	-.15	-.08	.49	.08	.34	.32	.29	.04	-.09	1.25
1954	-.11	.15	.19	.03	-.17	.44	.77	.83	.61	-.13	.13	.09	2.83
1955	.03	-.09	-.03	-.01	.09	.38	.34	-.01	.13	.38	.33	.14	1.68
1956	.03	-.17	.24	.16	.15	.36	.76	.68	.63	.34	.14	.15	3.47
1957	.02	-.04	-.10	-.60	-.23	.06	.48	.35	.13	-.04	-.21	.10	-.08
1958	-.02	.09	-.01	-.21	.06	.14	.27	.29	-.07	.20	.09	.15	.98
1959	.20	-.05	.10	.00	-.12	-.03	.03	.29	.25	.06	.25	-.16	.82
1960	-.07	.00	.09	.18	.24	.08	.24	.29	.20	.10	.15	-.37	1.13
1961	-.06	-.04	-.08	.23	.17	-.08	.23	.40	.23	.28	-.10	-.05	1.13
1962	-.06	-.03	.09	-.05	.28	-.11	.33	.47	.01	.00	.01	.11	1.05
1963	.09	.14	.03	-.14	.10	.27	.29	.59	.41	.54	.23	.07	2.62
1964	.14	.00	-.04	-.07	-.02	.29	.64	.36	.08	.39	.05	.09	1.91
1965	.02	-.25	.01	.19	-.38	.21	.54	.48	.09	.27	.09	.02	1.29
1966	-.02	-.04	.10	-.21	-.02	.24	.26	.20	.06	.24	.17	.10	1.08
1967	.10	.05	.08	-.20	-.17	.35	.17	.28	.06	.08	.15	.04	.99
1968	.08	.07	-.01	-.01	-.12	.18	.17	.47	.13	.25	.19	.11	1.51
1969	-.03	-.04	.01	-.14	-.31	.29	.52	.53	.26	.32	.18	.01	1.60
1970	.03	-.11	-.06	-.24	.01	.30	.53	.56	.21	.08	.14	-.04	1.41
1971	.17	.02	.19	.22	.21	.52	.38	.25	.30	.05	.11	-.15	2.27
1972	-.01	.17	.19	.20	.32	.28	.44	.47	.24	.13	-.01	.02	2.44
1973	-.08	-.02	.01	-.03	.22	.14	.32	.54	.07	.05	.02	.07	1.31
1974	-.12	.11	.18	.16	.18	.24	.55	.23	-.06	.11	-.02	-.03	1.53
1975	.01	-.05	.03	.08	.10	.22	.46	.54	.44	.37	.19	.04	2.43
1976	.13	.15	.05	.07	.11	.24	.23	.53	.13	.07	.14	.02	1.87
1977	-.08	.01	.08	.11	.31	.41	.59	.37	.38	.36	.03	.16	2.73
1978	-.08	-.07	.09	.24	.20	.42	.68	.59	.37	.45	-.04	.02	2.87
1979	-.11	-.04	.06	.13	.16	.36	.34	.38	.29	.33	.17	.01	2.08
1980	-.06	.06	.13	.15	.16	.37	.75	.71	.39	.26	.12	.08	3.12
AVG.	-.01	-.02	.04	.00	.04	.24	.39	.43	.25	.20	.08	.00	1.64

LAKE QUITMAN Firm yield calculations  
SRA96425 ADK 9/22/98

THERE ARE 5 AREA/CAPACITY/ELEVATION POINTS.

AREA (ACRES)	CAPACITY (ACRE-FEET)	ELEVATION (FEET)
0.	0.	375.0
94.	235.	380.0
288.	1190.	385.0
510.	3185.	390.0
756.	6350.	395.0

LAKE HOLBROOK Firm yield calculations  
 SRA96425 ADK 9/22/98 1997 A/C Data

SUMMARY OF RUNOFF DATA  
 (VALUES IN ACRE-FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0.	13.	85.	825.	813.	1121.	561.	53.	137.	6.	523.	2362.	6499.
1941	435.	788.	1418.	892.	1273.	1632.	370.	118.	32.	9.	105.	263.	7335.
1942	132.	286.	405.	4064.	3304.	274.	6.	50.	54.	20.	57.	432.	9084.
1943	322.	95.	200.	468.	574.	3472.	1637.	0.	1.	70.	1.	60.	6900.
1944	352.	903.	1381.	728.	4146.	726.	52.	7.	99.	2.	169.	875.	9440.
1945	1372.	804.	5550.	9158.	344.	1016.	3574.	48.	5.	1334.	347.	198.	23750.
1946	2640.	3141.	1524.	450.	2415.	4044.	31.	43.	47.	19.	3485.	1033.	18872.
1947	1054.	159.	625.	1589.	734.	142.	67.	17.	45.	1.	275.	1600.	6308.
1948	7902.	1689.	1891.	363.	2609.	30.	115.	6.	0.	0.	14.	23.	14642.
1949	498.	1500.	1854.	1015.	576.	99.	149.	9.	26.	1303.	1287.	189.	8505.
1950	1781.	4745.	975.	450.	2719.	874.	554.	717.	224.	32.	15.	22.	13108.
1951	181.	1040.	864.	78.	203.	304.	52.	0.	0.	0.	10.	37.	2769.
1952	194.	196.	441.	2952.	2096.	193.	4.	0.	0.	0.	29.	578.	6683.
1953	987.	213.	468.	996.	5145.	9.	242.	25.	315.	2.	28.	463.	8893.
1954	1402.	686.	89.	271.	475.	36.	0.	0.	0.	40.	909.	56.	3964.
1955	150.	359.	604.	834.	57.	19.	0.	47.	87.	6.	0.	1.	2164.
1956	10.	467.	33.	29.	431.	6.	0.	0.	0.	0.	45.	7.	1028.
1957	51.	328.	316.	3220.	8055.	1885.	4.	7.	109.	1063.	2726.	499.	18263.
1958	1520.	188.	1257.	1562.	7743.	454.	139.	1.	219.	53.	186.	127.	13449.
1959	65.	1311.	1245.	1081.	740.	64.	177.	122.	61.	198.	247.	1475.	6786.
1960	2767.	1026.	1162.	397.	363.	232.	240.	150.	201.	195.	311.	2464.	9508.
1961	1554.	1509.	1772.	1128.	349.	678.	518.	167.	258.	153.	558.	1632.	10276.
1962	955.	1151.	1316.	923.	826.	264.	288.	120.	201.	230.	326.	447.	7047.
1963	448.	322.	520.	802.	820.	131.	104.	72.	94.	78.	142.	191.	3724.
1964	201.	309.	475.	408.	246.	100.	49.	61.	84.	98.	148.	143.	2322.
1965	269.	878.	490.	279.	1090.	474.	65.	45.	58.	66.	88.	123.	3925.
1966	174.	307.	215.	3142.	2574.	173.	71.	109.	246.	144.	181.	240.	7576.
1967	337.	245.	235.	574.	564.	934.	87.	53.	84.	96.	232.	466.	3907.
1968	1086.	732.	1347.	1154.	3178.	815.	331.	122.	277.	215.	384.	900.	10541.
1969	446.	1804.	2770.	1638.	1724.	264.	88.	73.	74.	103.	424.	572.	9980.
1970	664.	703.	1634.	926.	476.	458.	110.	78.	115.	322.	306.	263.	6055.
1971	283.	367.	336.	236.	211.	74.	268.	171.	71.	116.	285.	1379.	3797.
1972	1486.	565.	489.	240.	241.	233.	120.	70.	87.	163.	546.	525.	4765.
1973	702.	924.	2619.	4123.	766.	1978.	270.	147.	447.	676.	1813.	1587.	16052.
1974	1723.	878.	684.	1586.	716.	1568.	182.	224.	1704.	479.	3414.	2094.	15252.
1975	1270.	2386.	1940.	1424.	2358.	909.	352.	175.	127.	142.	216.	366.	11665.
1976	459.	452.	1070.	994.	1323.	388.	1268.	107.	340.	314.	282.	858.	7855.
1977	542.	1861.	1872.	2226.	360.	228.	124.	247.	160.	112.	248.	378.	8358.
1978	573.	579.	1016.	348.	564.	112.	99.	115.	115.	61.	118.	126.	3826.
1979	905.	621.	1171.	1706.	2383.	1201.	914.	684.	1426.	379.	636.	1020.	13046.
1980	2065.	1579.	1070.	1732.	2145.	275.	58.	56.	87.	131.	187.	267.	9652.
AVG.	975.	929.	1108.	1391.	1652.	680.	325.	105.	188.	206.	520.	642.	8721.

LAKE HOLBROOK Firm yield calculations  
 SRA96425 ADK 9/22/98 1997 A/C Data

SUMMARY OF NET EVAPORATION DATA  
 (VALUES IN FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	.06	-.02	.14	.04	.06	.09	.34	.34	.42	.23	-.35	-.14	1.21
1941	.04	-.05	.02	-.07	.17	-.14	.27	.37	.25	.01	.09	-.03	.93
1942	.09	.11	.13	-.34	.15	.11	.47	.25	.20	.20	.13	-.12	1.38
1943	.05	.21	.02	.19	-.11	.21	.47	.61	.25	.04	.17	-.07	2.04
1944	-.10	-.18	-.07	.06	-.35	.35	.47	.29	.36	.36	-.15	-.25	.79
1945	-.01	-.14	-.60	.06	.23	.03	.08	.31	.32	.00	.17	.08	.53
1946	-.24	-.05	-.04	.04	-.32	.25	.50	.13	.29	.24	-.37	.04	.47
1947	-.06	.11	-.07	-.09	.08	.25	.54	.38	.29	.29	-.01	-.16	1.55
1948	-.11	-.11	.02	.14	-.08	.42	.54	.60	.56	.28	.09	.00	2.35
1949	-.42	-.13	.00	-.12	.18	.28	.24	.32	.31	-.39	.26	-.07	.46
1950	-.19	-.29	.15	-.10	-.19	.29	.15	.40	-.02	.26	.25	.20	.91
1951	.01	-.14	.13	.17	.22	.09	.38	.64	-.08	.20	.11	-.04	1.69
1952	.05	-.05	-.02	-.20	.02	.37	.40	.77	.65	.56	-.18	-.17	2.20
1953	.06	.03	-.09	-.12	-.12	.46	.08	.32	.31	.28	.03	-.12	1.12
1954	-.11	.14	.17	.03	-.15	.45	.76	.82	.62	-.15	.10	.08	2.76
1955	.01	-.12	-.04	.00	.05	.35	.33	-.03	.12	.40	.33	.13	1.53
1956	.02	-.15	.23	.15	.11	.36	.73	.64	.61	.33	.12	.14	3.29
1957	.02	-.06	-.10	-.65	-.19	.05	.47	.33	.14	-.11	-.21	.10	-.21
1958	-.02	.07	.01	-.23	.07	.13	.28	.29	-.12	.18	.10	.15	.91
1959	.19	-.07	.10	-.04	-.18	-.04	.06	.30	.24	.07	.24	-.17	.70
1960	-.09	-.01	.07	.16	.25	.04	.24	.29	.21	.09	.12	-.40	.97
1961	-.11	-.06	-.08	.23	.17	-.13	.23	.38	.20	.27	-.10	-.06	.94
1962	-.07	-.05	.09	-.08	.25	-.09	.28	.46	-.01	.00	-.02	.09	.85
1963	.08	.12	.05	-.14	.09	.27	.34	.58	.38	.54	.21	.06	2.58
1964	.12	-.01	-.04	-.04	-.05	.29	.60	.38	.08	.37	.04	.08	1.82
1965	.00	-.24	-.01	.18	-.44	.21	.51	.46	.07	.26	.09	-.01	1.08
1966	-.04	-.05	.07	-.22	-.04	.23	.26	.19	.07	.21	.16	.10	.94
1967	.09	.04	.07	-.24	-.19	.34	.20	.26	.05	.08	.15	.05	.90
1968	.08	.08	-.01	-.03	-.09	.21	.15	.51	.17	.26	.22	.10	1.65
1969	-.05	-.04	.01	-.17	-.36	.30	.53	.53	.29	.34	.15	.01	1.54
1970	.03	-.10	-.07	-.21	.01	.25	.53	.56	.27	.11	.13	-.07	1.44
1971	.18	.02	.19	.22	.22	.51	.39	.26	.31	.08	.10	-.12	2.36
1972	-.02	.17	.17	.18	.32	.27	.42	.47	.24	.15	-.01	.02	2.38
1973	-.07	-.01	.02	-.04	.21	.14	.31	.54	.09	.06	.03	.08	1.36
1974	-.12	.11	.17	.16	.17	.25	.56	.24	-.04	.12	-.02	-.03	1.57
1975	.02	-.05	.03	.07	.10	.22	.46	.53	.45	.33	.20	.05	2.41
1976	.11	.15	.05	.07	.10	.23	.22	.50	.12	.08	.15	.01	1.79
1977	-.08	.01	.08	.10	.31	.39	.60	.37	.36	.36	.03	.14	2.67
1978	-.08	-.06	.10	.24	.20	.42	.67	.57	.34	.43	-.04	.02	2.81
1979	-.11	-.03	.06	.14	.18	.37	.36	.41	.30	.36	.17	.00	2.21
1980	-.08	.06	.12	.13	.16	.39	.75	.69	.38	.26	.11	.09	3.06
AVG.	-.02	-.02	.03	-.01	.03	.23	.39	.42	.25	.20	.07	-.01	1.56

LAKE HOLBROOK Firm yield calculations  
SRA96425 ADK 9/22/98 1997 A/C Data

THERE ARE 9 AREA/CAPACITY/ELEVATION POINTS.

AREA (ACRES)	CAPACITY (ACRE-FEET)	ELEVATION (FEET)
0.	0.	338.0
4.	4.	340.0
44.	124.	345.0
100.	484.	350.0
173.	1167.	355.0
273.	2282.	360.0
397.	3957.	365.0
554.	6334.	370.0
631.	7519.	372.0

## **Lake Murvaul**

LAKE MURVAUL OPERATION w/ 2000 Area Capacity data adk 9/85/98  
 Inflow from 1985 UPDATE OF SRA MASTER PLAN - ESPEY, HUSTON, & ASSOC

SUMMARY OF RUNOFF DATA  
 (VALUES IN ACRE-FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	3200.	19400.	1800.	5800.	6100.	7900.	2600.	200.	2500.	600.	19800.	45800.	115700.
1941	36500.	12600.	21000.	8800.	17400.	12200.	18100.	100.	1800.	5100.	19600.	10100.	163300.
1942	8400.	4900.	15700.	5300.	33100.	14200.	2700.	0.	5400.	400.	600.	500.	91200.
1943	6900.	2600.	1900.	2600.	100.	0.	900.	300.	100.	300.	600.	2300.	18600.
1944	20400.	11400.	20800.	25500.	51800.	13400.	600.	200.	400.	100.	0.	1300.	145900.
1945	42700.	13200.	31300.	34400.	3900.	0.	1500.	2600.	600.	8300.	2100.	9200.	149800.
1946	30100.	33900.	37500.	10300.	15400.	25300.	2300.	0.	1600.	700.	0.	10600.	167700.
1947	22100.	13400.	19600.	16800.	11100.	2200.	1000.	100.	0.	0.	200.	0.	86500.
1948	10800.	22500.	20500.	7600.	1200.	11200.	300.	0.	100.	100.	400.	1200.	75900.
1949	9700.	9100.	10300.	8800.	3800.	2400.	1500.	2700.	700.	12000.	2400.	5000.	68400.
1950	24000.	18000.	23300.	1700.	13800.	20600.	5000.	200.	600.	1300.	800.	700.	110000.
1951	3200.	8200.	6400.	4900.	100.	0.	400.	100.	300.	0.	0.	2300.	25900.
1952	3300.	22900.	14200.	14600.	6400.	3300.	400.	300.	100.	0.	0.	160.	65660.
1953	2866.	20472.	24584.	4208.	48668.	22632.	536.	644.	106.	0.	0.	1928.	126644.
1954	1672.	2499.	2846.	1482.	12009.	2607.	203.	0.	28.	1262.	0.	2056.	26664.
1955	4514.	12500.	10527.	19711.	9718.	2771.	715.	2389.	338.	0.	0.	228.	63411.
1956	3719.	5081.	8040.	17475.	2051.	0.	95.	0.	236.	0.	0.	0.	36697.
1957	437.	3869.	4873.	4616.	29062.	7850.	2592.	196.	584.	5851.	7209.	11626.	78765.
1958	8177.	9760.	7165.	15374.	10293.	13508.	625.	1028.	11986.	4133.	38.	1016.	83103.
1959	1834.	10093.	1356.	9208.	3856.	5383.	803.	184.	95.	1427.	650.	7991.	42880.
1960	11886.	15378.	15237.	4588.	1611.	337.	382.	26.	3233.	3418.	5438.	20606.	82140.
1961	31670.	12442.	20668.	2261.	1222.	4720.	1541.	323.	377.	0.	1357.	19007.	95588.
1962	24981.	5075.	7587.	7862.	13288.	2235.	352.	0.	161.	4080.	770.	2818.	69209.
1963	2700.	2638.	408.	1291.	0.	377.	532.	0.	271.	0.	1718.	1143.	11078.
1964	2089.	2001.	5437.	3734.	1528.	895.	162.	174.	321.	274.	491.	866.	17972.
1965	1259.	4978.	13654.	5822.	7169.	1754.	354.	311.	793.	394.	634.	2948.	40070.
1966	2780.	4665.	2249.	18442.	15888.	1470.	662.	1601.	822.	624.	675.	1310.	51188.
1967	1310.	1237.	1470.	2052.	1208.	1667.	560.	135.	162.	154.	356.	961.	11272.
1968	8581.	2365.	3661.	18195.	14614.	3006.	10604.	1332.	3836.	2438.	4010.	14687.	87329.
1969	4891.	11114.	25298.	19221.	14076.	1710.	616.	317.	533.	638.	1907.	2780.	83101.
1970	4119.	4760.	7111.	3937.	1339.	655.	406.	356.	462.	1135.	1470.	1172.	26922.
1971	1303.	1987.	2009.	2322.	8945.	640.	371.	464.	417.	440.	689.	3173.	22760.
1972	6579.	3093.	2263.	1419.	721.	573.	566.	310.	360.	1608.	4374.	7045.	28911.
1973	13770.	6514.	10757.	16194.	4214.	8093.	6718.	2336.	9774.	9964.	6572.	15866.	110772.
1974	27511.	8311.	5822.	3282.	3013.	1426.	830.	576.	4367.	3923.	10466.	7831.	77358.
1975	9971.	17467.	6630.	6310.	13392.	8566.	2911.	1674.	961.	1361.	2795.	2991.	75029.
1976	3552.	4476.	9265.	4891.	6849.	9010.	6980.	1143.	902.	1041.	1550.	6201.	55860.
1977	5080.	7977.	6921.	3035.	2358.	1652.	381.	697.	477.	384.	771.	1128.	30861.
1978	3806.	4498.	2889.	2627.	2227.	658.	294.	191.	4425.	678.	6405.	5582.	34280.
1979	21441.	14949.	13559.	11201.	18413.	18049.	4680.	3064.	4505.	1929.	8151.	8188.	128129.
1980	13166.	11405.	5757.	29461.	17089.	2438.	910.	580.	644.	808.	1419.	1608.	85285.
AVG.	10902.	9846.	11033.	9447.	10464.	5790.	2041.	655.	1595.	1875.	2839.	5900.	72387.

LAKE MURVAUL OPERATION w/ 2000 Area Capacity data adk 9/85/98  
 Inflow from 1985 UPDATE OF SRA MASTER PLAN - ESPEY, HUSTON, & ASSOC

SUMMARY OF NET EVAPORATION DATA  
 (VALUES IN FEET)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	.01	-.17	.09	-.08	.07	.00	.25	.11	.34	.22	-.63	-.34	-.13
1941	-.04	-.11	-.05	-.05	-.09	-.10	.09	.32	.04	-.22	-.02	-.06	-.29
1942	.06	.06	.03	-.18	.02	.01	.31	.01	.22	.18	.13	-.09	.76
1943	-.04	.19	.04	.19	.07	.27	.31	.50	.23	.17	.10	-.12	1.91
1944	-.31	-.25	-.14	-.12	-.64	.23	.44	.21	.28	.33	-.22	-.46	-.65
1945	-.15	-.15	-.31	-.07	.10	.05	.08	.27	.29	-.13	.10	-.05	.03
1946	-.40	-.17	-.08	.02	-.29	.04	.33	.18	.23	.15	-.39	-.02	-.40
1947	-.23	.03	-.18	-.01	-.15	.24	.40	.41	.35	.27	-.08	-.18	.87
1948	-.19	-.22	-.01	.06	-.08	.33	.35	.48	.37	.24	-.22	-.03	1.08
1949	-.37	-.11	-.08	-.15	.12	.11	-.02	.22	.23	-.41	.22	-.17	-.41
1950	-.35	-.28	.07	-.09	-.25	.01	.13	.25	-.18	.19	.10	.06	-.34
1951	-.11	-.15	-.05	.16	.17	.14	.30	.58	-.14	.29	.05	-.10	1.14
1952	-.08	-.16	-.07	-.20	-.09	.30	.16	.55	.52	.48	-.15	-.09	1.17
1953	-.04	-.12	-.20	-.28	-.42	.28	-.03	.29	.29	.29	.04	-.15	-.05
1954	-.14	.16	.14	.01	-.25	.40	.55	.64	.56	.00	.01	.06	2.14
1955	-.07	-.24	.04	-.09	-.01	.32	.25	.04	.15	.36	.24	.07	1.06
1956	-.05	-.26	.08	.04	.01	.21	.50	.45	.45	.24	.12	.06	1.85
1957	-.05	-.13	-.16	-.60	.00	-.12	.29	.31	.09	-.25	-.35	.03	-.94
1958	-.16	-.01	.02	-.18	.02	.05	.33	.17	-.32	.18	.05	.12	.27
1959	.12	-.14	.09	-.13	-.09	.05	-.08	.23	.19	.08	.10	-.22	.20
1960	-.10	-.11	.06	.13	.28	.06	.29	.14	.14	.07	-.04	-.38	.54
1961	-.18	-.08	-.14	.19	.21	-.16	.03	.36	.05	.21	-.06	-.17	.26
1962	-.18	.02	.09	-.15	.18	.02	.40	.47	.11	.15	-.06	-.04	1.01
1963	.02	-.01	.09	-.12	.17	.09	.22	.45	.20	.43	.04	-.08	1.50
1964	.04	-.01	-.08	-.20	.08	.33	.53	.27	.19	.34	.08	-.10	1.47
1965	-.08	-.24	-.11	.18	-.31	.13	.47	.39	.12	.31	.10	-.19	.77
1966	-.06	.04	.13	.06	-.05	.32	.31	.24	.14	.16	.09	.05	1.43
1967	-.03	.02	.08	.02	-.08	.27	.31	.39	.23	.26	.06	.07	1.60
1968	.05	.02	-.01	-.03	.06	.21	.36	.31	.09	.01	.15	.09	1.31
1969	.05	-.07	.00	-.17	-.10	.41	.52	.43	.23	.25	.18	.04	1.77
1970	-.09	-.07	.08	-.26	.04	.34	.41	.35	.31	.13	.15	-.06	1.33
1971	.14	.02	.16	.23	.16	.33	.34	.30	.20	.14	.08	-.06	2.04
1972	-.06	.12	.09	.11	.20	.19	.23	.34	.19	.11	-.04	-.05	1.43
1973	-.09	.01	.02	-.03	.22	.11	.23	.38	.09	.04	.04	-.01	1.01
1974	-.21	.06	.09	.14	.15	.24	.44	.22	.02	.14	.00	-.03	1.26
1975	-.01	-.07	.01	.04	.08	.19	.41	.38	.35	.20	.07	.04	1.69
1976	.07	.06	.01	.13	.09	.22	.17	.43	.15	.10	.07	-.04	1.46
1977	-.08	.02	.05	.12	.30	.31	.48	.23	.25	.36	.05	.06	2.15
1978	-.10	-.01	.15	.22	.24	.40	.50	.49	.15	.36	-.03	-.03	2.34
1979	-.15	-.05	.05	.07	.16	.31	.28	.38	.23	.28	.06	-.01	1.61
1980	-.10	.03	.02	.07	.09	.42	.65	.62	.38	.26	.04	.12	2.60
AVG.	-.09	-.06	.00	-.02	.01	.18	.31	.34	.20	.17	.01	-.06	.99



LAKE MURVAUL OPERATION w/ 2000 Area Capacity data adk 9/85/98  
Inflow from 1985 UPDATE OF SRA MASTER PLAN - ESPEY, HUSTON, & ASSOC

THERE ARE 8 AREA/CAPACITY/ELEVATION POINTS.

AREA (ACRES)	CAPACITY (ACRE-FEET)	ELEVATION (FEET)
0.	0.	237.0
1.	2.	240.0
401.	1007.	245.0
1171.	4938.	250.0
2031.	12943.	255.0
3111.	25799.	260.0
3721.	42879.	265.0
3751.	44000.	265.3