

RECLAMATION

Managing Water in the West

Carlsbad Project

New Mexico

Lake Sumner

Area and Capacity Tables

Vertical Datum: NGVD29



**U.S. Department of the Interior
Bureau of Reclamation
Technical Service Center
Denver, Colorado**

March 2013

The tables for Lake Sumner were generated by means of the area-capacity program ACAP using the least squares method of curve fitting developed by the Bureau of Reclamation Technical Service Center. This program computes area at 1.0-, 0.1-, and 0.01-foot increments by linear interpolation between basic data contours. The respective capacities and capacity equations are then obtained by integration of the area equations. The initial capacity equation is tested over successive intervals to check whether it fits within an allowable error term. At the next interval beyond, a new capacity equation (integrated from the basic area equation over that interval) begins testing the fit until it too exceeds the error term. The capacity curve thus becomes a series of curves, each fitting a certain region of data. The final area equations are obtained by differentiation of the capacity equations. Capacity equations are of the form $y = a_1 + a_2x + a_3x^2$ where y is capacity and x is the elevation above an elevation base. The capacity equation coefficients for the reservoir are shown below ($\varepsilon = 0.0000001$).

Lake Sumner 2013 Survey National Geodetic Vertical Datum of 1929 (NGVD29)

2013 AREA-CAPACITY TABLES					
EQUATION NUMBER	ELEVATION BASE	CAPACITY BASE	COEFFICIENT A1(INTERCEPT)	COEFFICIENT A2(1ST TERM)	COEFFICIENT A3(2ND TERM)
1	4194.89	0	0.0000	0.0000	0.0017
2	4197.89	0	0.0150	0.0100	0.0037
3	4201.89	0	0.1150	0.0400	0.0300
4	4205.89	0	0.7550	0.2800	0.1163
5	4209.89	3	3.7350	1.2100	0.3487
6	4213.89	14	14.1550	4.0000	6.9088
7	4217.89	140	140.6950	59.2700	12.0550
8	4221.89	570	570.6550	155.7100	8.0112
9	4225.89	1321	1321.6750	219.8000	12.9675
10	4229.89	2408	2408.3549	323.5401	17.6837
11	4233.89	3985	3985.4551	465.0100	18.3850
12	4237.89	6139	6139.6552	612.0901	29.7262
13	4241.89	9063	9063.6346	849.9000	39.8638
14	4245.89	13101	13101.0546	1168.8101	47.6475
15	4249.89	18538	18538.6546	1549.9899	41.4938
16	4253.89	25402	25402.5154	1881.9404	55.5636
17	4257.89	33819	33819.2972	2326.4495	65.3951
18	4261.89	44171	44171.4176	2849.6101	51.3162
19	4265.89	56390	56390.9180	3260.1400	62.7612
20	4269.89	70435	70435.6553	3762.2308	59.2874
21	4273.89	86433	86433.1785	4236.5314	65.9871
22	4277.89	104435	104435.1016	4764.4309	79.5597
23	4281.89	124765	124765.7812	5400.9122	56.1617
24	4285.89	147268	147268.0135	5850.2113	50.2161
25	4289.89	171472	171472.3173	6251.9342	42.5962
26	4293.89	197161	197161.5940	6592.7026	43.3870

The Lake Sumner survey in March 2013 used the contour method to obtain the basic data for these tables. Close interval profiles of the underwater portion of the reservoir were collected by standard bathymetric surveying techniques using a global positioning system and echo sounder. The above-water portion was mapped using previous data collected in 2001. Surface areas from elevation 4,195.1 through 4,245.3 feet were computed from the 2013 survey data. The surface areas from elevation 4,245.9 through 4,296.9 feet were computed from data obtained during a 2001 reservoir survey. The 2013 survey and data processing were completed by personnel from Reclamation's Sedimentation and River Hydraulics Group of the Technical Service Center in Denver, Colorado. **All data for these tables are in feet and tied to the National Geodetic Vertical Datum of 1929 (NGVD29) that is 0.23 feet lower than the project/construction (local) vertical datum and 2.11 feet lower than the North American Vertical Datum of 1988 (NAVD88).** The designed maximum lake water surface elevation in NGVD29 is 4,296.77 feet.

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LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

4/15/2014

13:10: 1

THE AREA TABLE IS IN ACRES

THE ELEVATION INCREMENT IS IN ONE FOOT

ELEV. FEET	0	1	2	3	4	5	6	7	8	9
4190						0.	0.	0.	0.	0.
4200	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.
4210	1.	2.	3.	3.	6.	19.	33.	47.	62.	86.
4220	110.	134.	157.	173.	190.	206.	223.	249.	275.	300.
4230	327.	363.	398.	434.	469.	506.	543.	579.	619.	678.
4240	738.	797.	859.	938.	1018.	1098.	1179.	1275.	1370.	1465.
4250	1559.	1642.	1725.	1808.	1894.	2005.	2116.	2228.	2341.	2472.
4260	2602.	2733.	2861.	2964.	3066.	3169.	3274.	3399.	3525.	3651.
4270	3775.	3894.	4012.	4131.	4251.	4383.	4515.	4647.	4782.	4941.
4280	5100.	5259.	5413.	5526.	5638.	5750.	5861.	5962.	6062.	6163.
4290	6261.	6346.	6432.	6517.	6602.	6689.	6776.			

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

4/15/2014

13:27:43

THE AREA TABLE IS IN ACRES

THE ELEVATION INCREMENT IS IN ONE TENTH FOOT

ELEV. FEET	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
4194										0.0
4195	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4196	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4197	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4198	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4199	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4201	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4202	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4203	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
4204	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4205	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
4206	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
4207	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
4208	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0
4209	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2
4210	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9
4211	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6
4212	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.2	3.2	3.3
4213	3.4	3.4	3.5	3.6	3.7	3.7	3.8	3.9	3.9	4.1
4214	5.5	6.9	8.3	9.7	11.0	12.4	13.8	15.2	16.6	18.0
4215	19.3	20.7	22.1	23.5	24.9	26.2	27.6	29.0	30.4	31.8
4216	33.2	34.5	35.9	37.3	38.7	40.1	41.4	42.8	44.2	45.6
4217	47.0	48.4	49.7	51.1	52.5	53.9	55.3	56.6	58.0	59.5
4218	61.9	64.3	66.7	69.2	71.6	74.0	76.4	78.8	81.2	83.6
4219	86.0	88.4	90.9	93.3	95.7	98.1	100.5	102.9	105.3	107.7
4220	110.1	112.6	115.0	117.4	119.8	122.2	124.6	127.0	129.4	131.8
4221	134.3	136.7	139.1	141.5	143.9	146.3	148.7	151.1	153.5	155.9
4222	157.5	159.1	160.7	162.3	163.9	165.5	167.1	168.7	170.3	171.9
4223	173.5	175.1	176.7	178.3	179.9	181.5	183.1	184.7	186.3	187.9
4224	189.5	191.1	192.7	194.3	195.9	197.5	199.1	200.7	202.3	203.9
4225	205.5	207.1	208.7	210.3	211.9	213.6	215.2	216.8	218.4	220.1
4226	222.7	225.2	227.8	230.4	233.0	235.6	238.2	240.8	243.4	246.0
4227	248.6	251.2	253.8	256.4	259.0	261.6	264.1	266.7	269.3	271.9
4228	274.5	277.1	279.7	282.3	284.9	287.5	290.1	292.7	295.3	297.9
4229	300.5	303.1	305.6	308.2	310.8	313.4	316.0	318.6	321.2	323.9

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4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:27:43

THE AREA TABLE IS IN ACRES

THE ELEVATION INCREMENT IS IN ONE TENTH FOOT

ELEV. FEET	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
4230	327.4	331.0	334.5	338.0	341.6	345.1	348.7	352.2	355.7	359.3
4231	362.8	366.3	369.9	373.4	376.9	380.5	384.0	387.6	391.1	394.6
4232	398.2	401.7	405.2	408.8	412.3	415.8	419.4	422.9	426.5	430.0
4233	433.5	437.1	440.6	444.1	447.7	451.2	454.8	458.3	461.8	465.4
4234	469.1	472.7	476.4	480.1	483.8	487.4	491.1	494.8	498.5	502.1
4235	505.8	509.5	513.2	516.9	520.5	524.2	527.9	531.6	535.2	538.9
4236	542.6	546.3	549.9	553.6	557.3	561.0	564.7	568.3	572.0	575.7
4237	579.4	583.0	586.7	590.4	594.1	597.7	601.4	605.1	608.8	612.7
4238	618.6	624.6	630.5	636.5	642.4	648.4	654.3	660.2	666.2	672.1
4239	678.1	684.0	690.0	695.9	701.9	707.8	713.8	719.7	725.6	731.6
4240	737.5	743.5	749.4	755.4	761.3	767.3	773.2	779.2	785.1	791.0
4241	797.0	802.9	808.9	814.8	820.8	826.7	832.7	838.6	844.5	850.7
4242	858.7	866.6	874.6	882.6	890.6	898.5	906.5	914.5	922.5	930.4
4243	938.4	946.4	954.3	962.3	970.3	978.3	986.2	994.2	1002.2	1010.2
4244	1018.1	1026.1	1034.1	1042.0	1050.0	1058.0	1066.0	1073.9	1081.9	1089.9
4245	1097.9	1105.8	1113.8	1121.8	1129.7	1137.7	1145.7	1153.7	1161.6	1169.8
4246	1179.3	1188.8	1198.4	1207.9	1217.4	1226.9	1236.5	1246.0	1255.5	1265.1
4247	1274.6	1284.1	1293.6	1303.2	1312.7	1322.2	1331.8	1341.3	1350.8	1360.4
4248	1369.9	1379.4	1388.9	1398.5	1408.0	1417.5	1427.1	1436.6	1446.1	1455.6
4249	1465.2	1474.7	1484.2	1493.8	1503.3	1512.8	1522.4	1531.9	1541.4	1550.8
4250	1559.1	1567.4	1575.7	1584.0	1592.3	1600.6	1608.9	1617.2	1625.5	1633.8
4251	1642.1	1650.4	1658.7	1667.0	1675.3	1683.6	1691.9	1700.2	1708.5	1716.8
4252	1725.1	1733.4	1741.7	1750.0	1758.3	1766.6	1774.9	1783.2	1791.5	1799.8
4253	1808.1	1816.4	1824.7	1833.0	1841.3	1849.6	1857.9	1866.2	1874.5	1883.1
4254	1894.2	1905.3	1916.4	1927.5	1938.6	1949.7	1960.8	1972.0	1983.1	1994.2
4255	2005.3	2016.4	2027.5	2038.6	2049.7	2060.9	2072.0	2083.1	2094.2	2105.3
4256	2116.4	2127.5	2138.6	2149.8	2160.9	2172.0	2183.1	2194.2	2205.3	2216.4
4257	2227.5	2238.7	2249.8	2260.9	2272.0	2283.1	2294.2	2305.3	2316.4	2327.8
4258	2340.8	2353.9	2367.0	2380.1	2393.2	2406.2	2419.3	2432.4	2445.5	2458.5
4259	2471.6	2484.7	2497.8	2510.9	2523.9	2537.0	2550.1	2563.2	2576.3	2589.3
4260	2602.4	2615.5	2628.6	2641.7	2654.7	2667.8	2680.9	2694.0	2707.0	2720.1
4261	2733.2	2746.3	2759.4	2772.4	2785.5	2798.6	2811.7	2824.8	2837.8	2850.6
4262	2860.9	2871.2	2881.4	2891.7	2902.0	2912.2	2922.5	2932.7	2943.0	2953.3
4263	2963.5	2973.8	2984.1	2994.3	3004.6	3014.8	3025.1	3035.4	3045.6	3055.9
4264	3066.2	3076.4	3086.7	3097.0	3107.2	3117.5	3127.7	3138.0	3148.3	3158.5
4265	3168.8	3179.1	3189.3	3199.6	3209.9	3220.1	3230.4	3240.6	3250.9	3261.4
4266	3273.9	3286.5	3299.1	3311.6	3324.2	3336.7	3349.3	3361.8	3374.4	3386.9
4267	3399.5	3412.0	3424.6	3437.1	3449.7	3462.2	3474.8	3487.3	3499.9	3512.4
4268	3525.0	3537.5	3550.1	3562.6	3575.2	3587.8	3600.3	3612.9	3625.4	3638.0
4269	3650.5	3663.1	3675.6	3688.2	3700.7	3713.3	3725.8	3738.4	3750.9	3763.4

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2013 AREA-CAPACITY TABLES (NGVD29)

13:27:43

THE AREA TABLE IS IN ACRES

THE ELEVATION INCREMENT IS IN ONE TENTH FOOT

ELEV. FEET	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
4270	3775.3	3787.1	3799.0	3810.8	3822.7	3834.6	3846.4	3858.3	3870.1	3882.0
4271	3893.8	3905.7	3917.6	3929.4	3941.3	3953.1	3965.0	3976.9	3988.7	4000.6
4272	4012.4	4024.3	4036.1	4048.0	4059.9	4071.7	4083.6	4095.4	4107.3	4119.1
4273	4131.0	4142.9	4154.7	4166.6	4178.4	4190.3	4202.1	4214.0	4225.9	4237.9
4274	4251.0	4264.2	4277.4	4290.6	4303.8	4317.0	4330.2	4343.4	4356.6	4369.8
4275	4383.0	4396.2	4409.4	4422.6	4435.8	4449.0	4462.2	4475.4	4488.6	4501.8
4276	4515.0	4528.2	4541.4	4554.6	4567.8	4581.0	4594.2	4607.4	4620.6	4633.8
4277	4647.0	4660.2	4673.4	4686.6	4699.8	4713.0	4726.2	4739.4	4752.6	4766.0
4278	4781.9	4797.8	4813.8	4829.7	4845.6	4861.5	4877.4	4893.3	4909.2	4925.1
4279	4941.1	4957.0	4972.9	4988.8	5004.7	5020.6	5036.5	5052.4	5068.3	5084.3
4280	5100.2	5116.1	5132.0	5147.9	5163.8	5179.7	5195.6	5211.6	5227.5	5243.4
4281	5259.3	5275.2	5291.1	5307.0	5322.9	5338.9	5354.8	5370.7	5386.6	5402.0
4282	5413.3	5424.5	5435.7	5447.0	5458.2	5469.4	5480.7	5491.9	5503.1	5514.4
4283	5525.6	5536.8	5548.1	5559.3	5570.5	5581.8	5593.0	5604.2	5615.5	5626.7
4284	5637.9	5649.1	5660.4	5671.6	5682.8	5694.1	5705.3	5716.5	5727.8	5739.0
4285	5750.2	5761.5	5772.7	5783.9	5795.2	5806.4	5817.6	5828.9	5840.1	5851.2
4286	5861.3	5871.3	5881.3	5891.4	5901.4	5911.5	5921.5	5931.6	5941.6	5951.6
4287	5961.7	5971.7	5981.8	5991.8	6001.9	6011.9	6022.0	6032.0	6042.0	6052.1
4288	6062.1	6072.2	6082.2	6092.3	6102.3	6112.3	6122.4	6132.4	6142.5	6152.5
4289	6162.6	6172.6	6182.6	6192.7	6202.7	6212.8	6222.8	6232.9	6242.9	6252.8
4290	6261.3	6269.8	6278.3	6286.9	6295.4	6303.9	6312.4	6320.9	6329.5	6338.0
4291	6346.5	6355.0	6363.5	6372.1	6380.6	6389.1	6397.6	6406.1	6414.7	6423.2
4292	6431.7	6440.2	6448.7	6457.2	6465.8	6474.3	6482.8	6491.3	6499.8	6508.4
4293	6516.9	6525.4	6533.9	6542.4	6551.0	6559.5	6568.0	6576.5	6585.0	6593.6
4294	6602.2	6610.9	6619.6	6628.3	6637.0	6645.6	6654.3	6663.0	6671.7	6680.3
4295	6689.0	6697.7	6706.4	6715.1	6723.7	6732.4	6741.1	6749.8	6758.4	6767.1
4296	6775.8	6784.5	6793.2	6801.8	6810.5	6819.2	6827.9	6836.5	6845.2	

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:10: 1

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE FOOT

ELEV. FEET	0	1	2	3	4	5	6	7	8	9
4190						0.	0.	0.	0.	0.
4200	0.	0.	0.	0.	0.	1.	1.	1.	2.	3.
4210	4.	6.	8.	11.	15.	27.	53.	93.	147.	221.
4220	319.	442.	588.	753.	935.	1132.	1346.	1582.	1843.	2131.
4230	2444.	2789.	3170.	3586.	4037.	4524.	5048.	5609.	6207.	6856.
4240	7564.	8331.	9158.	10056.	11034.	12092.	13230.	14457.	15779.	17197.
4250	18710.	20310.	21994.	23760.	25610.	27560.	29621.	31793.	34076.	36482.
4260	39019.	41687.	44485.	47398.	50413.	53530.	56750.	60087.	63549.	67137.
4270	70850.	74685.	78638.	82710.	86900.	91217.	95666.	100247.	104960.	109822.
4280	114842.	120022.	125361.	130830.	136412.	142106.	147912.	153824.	159836.	165948.
4290	172161.	178464.	184854.	191328.	197887.	204533.	211265.			

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:27:43

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE TENTH FOOT

ELEV. FEET	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
4194										0.0
4195	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4196	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4197	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4198	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4199	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4201	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4202	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
4203	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
4204	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
4205	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8
4206	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2
4207	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8
4208	1.9	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
4209	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
4210	3.9	4.0	4.1	4.3	4.4	4.6	4.8	4.9	5.1	5.3
4211	5.5	5.7	5.9	6.1	6.4	6.6	6.8	7.1	7.3	7.6
4212	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5
4213	10.9	11.2	11.6	11.9	12.3	12.6	13.0	13.4	13.8	14.2
4214	14.7	15.3	16.1	17.0	18.0	19.2	20.5	21.9	23.5	25.2
4215	27.1	29.1	31.3	33.5	35.9	38.5	41.2	44.0	47.0	50.1
4216	53.4	56.7	60.3	63.9	67.7	71.7	75.7	79.9	84.3	88.8
4217	93.4	98.2	103.1	108.1	113.3	118.6	124.1	129.7	135.4	141.3
4218	147.4	153.7	160.2	167.0	174.1	181.3	188.9	196.6	204.6	212.9
4219	221.3	230.1	239.0	248.2	257.7	267.4	277.3	287.5	297.9	308.5
4220	319.4	330.6	341.9	353.6	365.4	377.5	389.8	402.4	415.3	428.3
4221	441.6	455.2	469.0	483.0	497.3	511.8	526.5	541.5	556.7	572.2
4222	587.9	603.7	619.7	635.8	652.2	668.6	685.2	702.0	719.0	736.1
4223	753.4	770.8	788.4	806.1	824.0	842.1	860.3	878.7	897.3	916.0
4224	934.9	953.9	973.1	992.4	1012.0	1031.6	1051.5	1071.5	1091.6	1111.9
4225	1132.4	1153.0	1173.8	1194.8	1215.9	1237.2	1258.6	1280.2	1302.0	1323.9
4226	1346.0	1368.4	1391.1	1414.0	1437.1	1460.6	1484.3	1508.2	1532.4	1556.9
4227	1581.6	1606.6	1631.9	1657.4	1683.1	1709.2	1735.5	1762.0	1788.8	1815.9
4228	1843.2	1870.8	1898.6	1926.7	1955.1	1983.7	2012.6	2041.7	2071.1	2100.8
4229	2130.7	2160.9	2191.3	2222.0	2252.9	2284.1	2315.6	2347.4	2379.3	2411.6

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:27:43

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE TENTH FOOT

ELEV. FEET	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
4230	2444.2	2477.1	2510.4	2544.0	2578.0	2612.3	2647.0	2682.0	2717.4	2753.2
4231	2789.3	2825.7	2862.5	2899.7	2937.2	2975.1	3013.3	3051.9	3090.8	3130.1
4232	3169.8	3209.7	3250.1	3290.8	3331.9	3373.3	3415.0	3457.1	3499.6	3542.4
4233	3585.6	3629.1	3673.0	3717.3	3761.8	3806.8	3852.1	3897.7	3943.7	3990.1
4234	4036.8	4083.9	4131.4	4179.2	4227.4	4276.0	4324.9	4374.2	4423.8	4473.9
4235	4524.3	4575.0	4626.2	4677.7	4729.5	4781.8	4834.4	4887.4	4940.7	4994.4
4236	5048.5	5102.9	5157.7	5212.9	5268.5	5324.4	5380.7	5437.3	5494.3	5551.7
4237	5609.5	5667.6	5726.1	5784.9	5844.1	5903.7	5963.7	6024.0	6084.7	6145.8
4238	6207.3	6269.5	6332.3	6395.6	6459.6	6524.1	6589.2	6655.0	6721.3	6788.2
4239	6855.7	6923.8	6992.5	7061.8	7131.7	7202.2	7273.3	7344.9	7417.2	7490.1
4240	7563.5	7637.6	7712.2	7787.4	7863.3	7939.7	8016.7	8094.3	8172.6	8251.4
4241	8330.8	8410.8	8491.4	8572.5	8654.3	8736.7	8819.7	8903.2	8987.4	9072.1
4242	9157.6	9243.9	9330.9	9418.8	9507.5	9596.9	9687.2	9778.2	9870.1	9962.7
4243	10056.1	10150.4	10245.4	10341.2	10437.9	10535.3	10633.5	10732.6	10832.4	10933.0
4244	11034.4	11136.6	11239.6	11343.4	11448.0	11553.4	11659.6	11766.6	11874.4	11983.0
4245	12092.4	12202.6	12313.6	12425.3	12537.9	12651.3	12765.5	12880.4	12996.2	13112.7
4246	13230.2	13348.6	13468.0	13588.3	13709.5	13831.8	13954.9	14079.1	14204.1	14330.2
4247	14457.1	14585.1	14714.0	14843.8	14974.6	15106.3	15239.0	15372.7	15507.3	15642.9
4248	15779.4	15916.8	16055.3	16194.6	16335.0	16476.2	16618.5	16761.6	16905.8	17050.9
4249	17196.9	17343.9	17491.8	17640.7	17790.6	17941.4	18093.2	18245.9	18399.5	18554.2
4250	18709.7	18866.0	19023.1	19181.1	19339.9	19499.6	19660.1	19821.4	19983.5	20146.5
4251	20310.3	20474.9	20640.3	20806.6	20973.8	21141.7	21310.5	21480.1	21650.5	21821.8
4252	21993.9	22166.8	22340.5	22515.1	22690.5	22866.8	23043.9	23221.8	23400.5	23580.1
4253	23760.5	23941.7	24123.7	24306.6	24490.3	24674.9	24860.2	25046.4	25233.5	25421.3
4254	25610.2	25800.2	25991.3	26183.4	26376.8	26571.2	26766.7	26963.3	27161.1	27360.0
4255	27559.9	27761.0	27963.2	28166.5	28370.9	28576.5	28783.1	28990.9	29199.7	29409.7
4256	29620.8	29833.0	30046.3	30260.7	30476.2	30692.9	30910.6	31129.5	31349.5	31570.6
4257	31792.8	32016.1	32240.5	32466.0	32692.7	32920.4	33149.3	33379.3	33610.4	33842.6
4258	34076.0	34310.7	34546.8	34784.1	35022.8	35262.8	35504.0	35746.6	35990.5	36235.7
4259	36482.2	36730.0	36979.2	37229.6	37481.3	37734.4	37988.7	38244.4	38501.4	38759.7
4260	39019.2	39280.1	39542.4	39805.9	40070.7	40336.8	40604.2	40873.0	41143.0	41414.4
4261	41687.1	41961.0	42236.3	42512.9	42790.8	43070.0	43350.5	43632.4	43915.5	44199.9
4262	44485.5	44772.1	45059.7	45348.4	45638.1	45928.8	46220.5	46513.3	46807.1	47101.9
4263	47397.7	47694.6	47992.5	48291.4	48591.3	48892.3	49194.3	49497.3	49801.4	50106.5
4264	50412.6	50719.7	51027.8	51337.0	51647.2	51958.5	52270.7	52584.0	52898.3	53213.7
4265	53530.0	53847.4	54165.9	54485.3	54805.8	55127.3	55449.8	55773.3	56097.9	56423.5
4266	56750.3	57078.3	57407.6	57738.1	58069.9	58403.0	58737.3	59072.8	59409.6	59747.7
4267	60087.0	60427.6	60769.4	61112.5	61456.8	61802.4	62149.3	62497.4	62846.7	63197.4
4268	63549.2	63902.4	64256.7	64612.4	64969.3	65327.4	65686.8	66047.5	66409.4	66772.6
4269	67137.0	67502.7	67869.6	68237.8	68607.2	68977.9	69349.9	69723.1	70097.6	70473.3

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:27:43

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE TENTH FOOT

ELEV. FEET	0	.1	.2	.3	.4	.5	.6	.7	.8	.9
4270	70850.2	71228.3	71607.6	71988.1	72369.8	72752.7	73136.7	73522.0	73908.4	74296.0
4271	74684.8	75074.8	75465.9	75858.3	76251.8	76646.5	77042.4	77439.5	77837.8	78237.3
4272	78637.9	79039.8	79442.8	79847.0	80252.4	80659.0	81066.7	81475.7	81885.8	82297.1
4273	82709.6	83123.3	83538.2	83954.3	84371.5	84790.0	85209.6	85630.4	86052.4	86475.5
4274	86900.0	87325.8	87752.8	88181.2	88611.0	89042.0	89474.4	89908.1	90343.1	90779.4
4275	91217.0	91656.0	92096.3	92537.9	92980.8	93425.0	93870.6	94317.5	94765.7	95215.2
4276	95666.0	96118.2	96571.7	97026.5	97482.6	97940.0	98398.8	98858.9	99320.3	99783.0
4277	100247.0	100712.4	101179.1	101647.0	102116.4	102587.0	103059.0	103532.2	104006.8	104482.8
4278	104960.1	105439.1	105919.7	106401.9	106885.7	107371.0	107858.0	108346.5	108836.6	109328.3
4279	109821.6	110316.5	110813.0	111311.1	111810.8	112312.1	112814.9	113319.4	113825.4	114333.0
4280	114842.3	115353.1	115865.5	116379.5	116895.0	117412.2	117931.0	118451.4	118973.3	119496.9
4281	120022.0	120548.7	121077.0	121606.9	122138.4	122671.5	123206.2	123742.5	124280.3	124819.8
4282	125360.6	125902.5	126445.5	126989.6	127534.9	128081.2	128628.7	129177.4	129727.1	130278.0
4283	130830.0	131383.1	131937.4	132492.7	133049.2	133606.8	134165.6	134725.4	135286.4	135848.5
4284	136411.8	136976.1	137541.6	138108.2	138675.9	139244.7	139814.7	140385.8	140958.0	141531.4
4285	142105.8	142681.4	143258.1	143836.0	144414.9	144995.0	145576.2	146158.5	146742.0	147326.5
4286	147912.1	148498.8	149086.4	149675.0	150264.7	150855.3	151447.0	152039.6	152633.3	153228.0
4287	153823.6	154420.3	155018.0	155616.6	156216.3	156817.0	157418.7	158021.4	158625.1	159229.8
4288	159835.5	160442.2	161050.0	161658.7	162268.4	162879.1	163490.9	164103.6	164717.4	165332.1
4289	165947.9	166564.6	167182.4	167801.2	168420.9	169041.7	169663.5	170286.3	170910.0	171534.8
4290	172160.5	172787.1	173414.5	174042.8	174671.9	175301.8	175932.7	176564.3	177196.8	177830.2
4291	178464.5	179099.5	179735.5	180372.2	181009.9	181648.3	182287.7	182927.9	183568.9	184210.8
4292	184853.5	185497.1	186141.6	186786.9	187433.0	188080.0	188727.9	189376.6	190026.2	190676.6
4293	191327.8	191979.9	192632.9	193286.7	193941.4	194596.9	195253.3	195910.5	196568.6	197227.5
4294	197887.3	198548.0	199209.5	199871.9	200535.2	201199.3	201864.3	202530.2	203196.9	203864.5
4295	204533.0	205202.3	205872.5	206543.6	207215.5	207888.3	208562.0	209236.5	209911.9	210588.2
4296	211265.4	211943.4	212622.2	213302.0	213982.6	214664.1	215346.5	216029.7	216713.8	

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4194.8										0.00
4194.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4195.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4196.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4196.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4196.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4196.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4196.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4196.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4196.6	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4196.7	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4196.8	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4196.9	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.4	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.6	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.7	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.8	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4197.9	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4198.0	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4198.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4198.2	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4198.3	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4198.4	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4198.5	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4198.6	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
4198.7	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4198.8	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4198.9	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4199.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4199.1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4199.2	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4199.3	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4199.4	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4199.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4199.6	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
4199.7	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4199.8	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4199.9	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4200.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
4200.1	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
4200.2	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
4200.3	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
4200.4	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
4200.5	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
4200.6	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
4200.7	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08
4200.8	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
4200.9	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
4201.0	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09
4201.1	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
4201.2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
4201.3	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10
4201.4	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
4201.5	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
4201.6	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11
4201.7	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
4201.8	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12
4201.9	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
4202.0	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
4202.1	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
4202.2	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14
4202.3	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
4202.4	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4202.5	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16
4202.6	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17
4202.7	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18
4202.8	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19
4202.9	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20
4203.0	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21
4203.1	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22
4203.2	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23
4203.3	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24
4203.4	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.26
4203.5	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27
4203.6	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28
4203.7	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30
4203.8	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31
4203.9	0.32	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33
4204.0	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35
4204.1	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.37
4204.2	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38
4204.3	0.39	0.39	0.39	0.39	0.39	0.39	0.40	0.40	0.40	0.40
4204.4	0.40	0.41	0.41	0.41	0.41	0.41	0.42	0.42	0.42	0.42
4204.5	0.42	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44
4204.6	0.44	0.45	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46
4204.7	0.46	0.47	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.48
4204.8	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.50
4204.9	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.53	0.53
4205.0	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.55	0.55	0.55
4205.1	0.55	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57
4205.2	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.60	0.60
4205.3	0.60	0.60	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.62
4205.4	0.63	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.65	0.65
4205.5	0.65	0.65	0.66	0.66	0.66	0.66	0.67	0.67	0.67	0.67
4205.6	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.70	0.70
4205.7	0.70	0.71	0.71	0.71	0.71	0.72	0.72	0.72	0.72	0.73
4205.8	0.73	0.73	0.74	0.74	0.74	0.74	0.75	0.75	0.75	0.75
4205.9	0.76	0.76	0.76	0.77	0.77	0.77	0.78	0.78	0.78	0.78
4206.0	0.79	0.79	0.79	0.80	0.80	0.80	0.81	0.81	0.81	0.82
4206.1	0.82	0.82	0.83	0.83	0.83	0.84	0.84	0.84	0.85	0.85
4206.2	0.85	0.86	0.86	0.86	0.87	0.87	0.87	0.88	0.88	0.89
4206.3	0.89	0.89	0.90	0.90	0.90	0.91	0.91	0.92	0.92	0.92
4206.4	0.93	0.93	0.94	0.94	0.94	0.95	0.95	0.96	0.96	0.96

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4206.5	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00	1.01
4206.6	1.01	1.02	1.02	1.03	1.03	1.03	1.04	1.04	1.05	1.05
4206.7	1.06	1.06	1.07	1.07	1.08	1.08	1.09	1.09	1.10	1.10
4206.8	1.11	1.11	1.12	1.12	1.13	1.13	1.14	1.14	1.15	1.15
4206.9	1.16	1.16	1.17	1.17	1.18	1.18	1.19	1.19	1.20	1.20
4207.0	1.21	1.21	1.22	1.23	1.23	1.24	1.24	1.25	1.25	1.26
4207.1	1.26	1.27	1.28	1.28	1.29	1.29	1.30	1.30	1.31	1.32
4207.2	1.32	1.33	1.33	1.34	1.34	1.35	1.36	1.36	1.37	1.37
4207.3	1.38	1.39	1.39	1.40	1.41	1.41	1.42	1.42	1.43	1.44
4207.4	1.44	1.45	1.46	1.46	1.47	1.47	1.48	1.49	1.49	1.50
4207.5	1.51	1.51	1.52	1.53	1.53	1.54	1.55	1.55	1.56	1.57
4207.6	1.57	1.58	1.59	1.59	1.60	1.61	1.61	1.62	1.63	1.64
4207.7	1.64	1.65	1.66	1.66	1.67	1.68	1.69	1.69	1.70	1.71
4207.8	1.71	1.72	1.73	1.74	1.74	1.75	1.76	1.77	1.77	1.78
4207.9	1.79	1.79	1.80	1.81	1.82	1.83	1.83	1.84	1.85	1.86
4208.0	1.86	1.87	1.88	1.89	1.89	1.90	1.91	1.92	1.93	1.93
4208.1	1.94	1.95	1.96	1.97	1.97	1.98	1.99	2.00	2.01	2.01
4208.2	2.02	2.03	2.04	2.05	2.05	2.06	2.07	2.08	2.09	2.10
4208.3	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.16	2.17	2.18
4208.4	2.19	2.20	2.21	2.22	2.22	2.23	2.24	2.25	2.26	2.27
4208.5	2.28	2.29	2.30	2.30	2.31	2.32	2.33	2.34	2.35	2.36
4208.6	2.37	2.38	2.39	2.39	2.40	2.41	2.42	2.43	2.44	2.45
4208.7	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.54
4208.8	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64
4208.9	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74
4209.0	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84
4209.1	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94
4209.2	2.96	2.97	2.98	2.99	3.00	3.01	3.02	3.03	3.04	3.05
4209.3	3.06	3.07	3.08	3.09	3.10	3.12	3.13	3.14	3.15	3.16
4209.4	3.17	3.18	3.19	3.20	3.21	3.23	3.24	3.25	3.26	3.27
4209.5	3.28	3.29	3.30	3.31	3.33	3.34	3.35	3.36	3.37	3.38
4209.6	3.39	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.49	3.50
4209.7	3.51	3.52	3.53	3.54	3.56	3.57	3.58	3.59	3.60	3.62
4209.8	3.63	3.64	3.65	3.66	3.67	3.69	3.70	3.71	3.72	3.73
4209.9	3.75	3.76	3.77	3.78	3.80	3.81	3.82	3.83	3.85	3.86
4210.0	3.87	3.89	3.90	3.91	3.92	3.94	3.95	3.96	3.98	3.99
4210.1	4.00	4.02	4.03	4.05	4.06	4.07	4.09	4.10	4.12	4.13
4210.2	4.14	4.16	4.17	4.19	4.20	4.22	4.23	4.25	4.26	4.27
4210.3	4.29	4.30	4.32	4.33	4.35	4.37	4.38	4.40	4.41	4.43
4210.4	4.44	4.46	4.47	4.49	4.51	4.52	4.54	4.55	4.57	4.59

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4210.5	4.60	4.62	4.64	4.65	4.67	4.69	4.70	4.72	4.74	4.75
4210.6	4.77	4.79	4.80	4.82	4.84	4.86	4.87	4.89	4.91	4.93
4210.7	4.94	4.96	4.98	5.00	5.02	5.03	5.05	5.07	5.09	5.11
4210.8	5.12	5.14	5.16	5.18	5.20	5.22	5.24	5.26	5.27	5.29
4210.9	5.31	5.33	5.35	5.37	5.39	5.41	5.43	5.45	5.47	5.49
4211.0	5.51	5.53	5.55	5.57	5.59	5.61	5.63	5.65	5.67	5.69
4211.1	5.71	5.73	5.75	5.77	5.79	5.81	5.83	5.86	5.88	5.90
4211.2	5.92	5.94	5.96	5.98	6.00	6.03	6.05	6.07	6.09	6.11
4211.3	6.13	6.16	6.18	6.20	6.22	6.24	6.27	6.29	6.31	6.33
4211.4	6.36	6.38	6.40	6.43	6.45	6.47	6.49	6.52	6.54	6.56
4211.5	6.59	6.61	6.63	6.66	6.68	6.70	6.73	6.75	6.78	6.80
4211.6	6.82	6.85	6.87	6.90	6.92	6.94	6.97	6.99	7.02	7.04
4211.7	7.07	7.09	7.12	7.14	7.17	7.19	7.22	7.24	7.27	7.29
4211.8	7.32	7.34	7.37	7.39	7.42	7.45	7.47	7.50	7.52	7.55
4211.9	7.58	7.60	7.63	7.65	7.68	7.71	7.73	7.76	7.79	7.81
4212.0	7.84	7.87	7.89	7.92	7.95	7.98	8.00	8.03	8.06	8.08
4212.1	8.11	8.14	8.17	8.20	8.22	8.25	8.28	8.31	8.33	8.36
4212.2	8.39	8.42	8.45	8.48	8.50	8.53	8.56	8.59	8.62	8.65
4212.3	8.68	8.71	8.73	8.76	8.79	8.82	8.85	8.88	8.91	8.94
4212.4	8.97	9.00	9.03	9.06	9.09	9.12	9.15	9.18	9.21	9.24
4212.5	9.27	9.30	9.33	9.36	9.39	9.42	9.45	9.48	9.51	9.54
4212.6	9.58	9.61	9.64	9.67	9.70	9.73	9.76	9.79	9.83	9.86
4212.7	9.89	9.92	9.95	9.98	10.02	10.05	10.08	10.11	10.14	10.18
4212.8	10.21	10.24	10.27	10.31	10.34	10.37	10.40	10.44	10.47	10.50
4212.9	10.54	10.57	10.60	10.64	10.67	10.70	10.74	10.77	10.80	10.84
4213.0	10.87	10.91	10.94	10.97	11.01	11.04	11.08	11.11	11.14	11.18
4213.1	11.21	11.25	11.28	11.32	11.35	11.39	11.42	11.46	11.49	11.53
4213.2	11.56	11.60	11.63	11.67	11.70	11.74	11.77	11.81	11.84	11.88
4213.3	11.92	11.95	11.99	12.02	12.06	12.10	12.13	12.17	12.21	12.24
4213.4	12.28	12.32	12.35	12.39	12.43	12.46	12.50	12.54	12.57	12.61
4213.5	12.65	12.69	12.72	12.76	12.80	12.84	12.87	12.91	12.95	12.99
4213.6	13.02	13.06	13.10	13.14	13.18	13.22	13.25	13.29	13.33	13.37
4213.7	13.41	13.45	13.49	13.52	13.56	13.60	13.64	13.68	13.72	13.76
4213.8	13.80	13.84	13.88	13.92	13.96	14.00	14.04	14.08	14.12	14.15
4213.9	14.20	14.24	14.28	14.33	14.37	14.42	14.47	14.52	14.57	14.62
4214.0	14.68	14.73	14.79	14.85	14.91	14.97	15.03	15.10	15.16	15.23
4214.1	15.30	15.37	15.44	15.51	15.59	15.66	15.74	15.82	15.90	15.98
4214.2	16.06	16.14	16.23	16.31	16.40	16.49	16.58	16.67	16.77	16.86
4214.3	16.96	17.05	17.15	17.25	17.35	17.46	17.56	17.67	17.77	17.88
4214.4	17.99	18.10	18.22	18.33	18.44	18.56	18.68	18.80	18.92	19.04

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4214.5	19.17	19.29	19.42	19.54	19.67	19.80	19.94	20.07	20.20	20.34
4214.6	20.48	20.62	20.76	20.90	21.04	21.19	21.33	21.48	21.63	21.78
4214.7	21.93	22.08	22.23	22.39	22.55	22.70	22.86	23.03	23.19	23.35
4214.8	23.52	23.68	23.85	24.02	24.19	24.36	24.54	24.71	24.89	25.06
4214.9	25.24	25.42	25.60	25.79	25.97	26.16	26.34	26.53	26.72	26.91
4215.0	27.11	27.30	27.50	27.69	27.89	28.09	28.29	28.49	28.70	28.90
4215.1	29.11	29.32	29.53	29.74	29.95	30.16	30.38	30.59	30.81	31.03
4215.2	31.25	31.47	31.70	31.92	32.15	32.37	32.60	32.83	33.06	33.30
4215.3	33.53	33.77	34.00	34.24	34.48	34.72	34.96	35.21	35.45	35.70
4215.4	35.95	36.20	36.45	36.70	36.95	37.21	37.46	37.72	37.98	38.24
4215.5	38.50	38.77	39.03	39.30	39.56	39.83	40.10	40.37	40.65	40.92
4215.6	41.20	41.47	41.75	42.03	42.31	42.60	42.88	43.16	43.45	43.74
4215.7	44.03	44.32	44.61	44.91	45.20	45.50	45.79	46.09	46.39	46.70
4215.8	47.00	47.30	47.61	47.92	48.23	48.54	48.85	49.16	49.47	49.79
4215.9	50.11	50.43	50.75	51.07	51.39	51.71	52.04	52.37	52.69	53.02
4216.0	53.35	53.69	54.02	54.35	54.69	55.03	55.37	55.71	56.05	56.39
4216.1	56.74	57.08	57.43	57.78	58.13	58.48	58.84	59.19	59.55	59.90
4216.2	60.26	60.62	60.98	61.34	61.71	62.07	62.44	62.81	63.18	63.55
4216.3	63.92	64.30	64.67	65.05	65.42	65.80	66.18	66.57	66.95	67.33
4216.4	67.72	68.11	68.50	68.89	69.28	69.67	70.07	70.46	70.86	71.26
4216.5	71.66	72.06	72.46	72.87	73.27	73.68	74.09	74.50	74.91	75.32
4216.6	75.73	76.15	76.57	76.98	77.40	77.82	78.25	78.67	79.09	79.52
4216.7	79.95	80.38	80.81	81.24	81.67	82.11	82.54	82.98	83.42	83.86
4216.8	84.30	84.74	85.19	85.63	86.08	86.53	86.98	87.43	87.88	88.33
4216.9	88.79	89.25	89.70	90.16	90.62	91.09	91.55	92.01	92.48	92.95
4217.0	93.42	93.89	94.36	94.83	95.31	95.78	96.26	96.74	97.22	97.70
4217.1	98.18	98.67	99.15	99.64	100.13	100.62	101.11	101.60	102.10	102.59
4217.2	103.09	103.59	104.09	104.59	105.09	105.59	106.10	106.60	107.11	107.62
4217.3	108.13	108.64	109.16	109.67	110.19	110.70	111.22	111.74	112.26	112.79
4217.4	113.31	113.84	114.36	114.89	115.42	115.95	116.49	117.02	117.56	118.09
4217.5	118.63	119.17	119.71	120.25	120.80	121.34	121.89	122.44	122.99	123.54
4217.6	124.09	124.64	125.20	125.75	126.31	126.87	127.43	127.99	128.55	129.12
4217.7	129.68	130.25	130.82	131.39	131.96	132.53	133.11	133.68	134.26	134.84
4217.8	135.42	136.00	136.58	137.16	137.75	138.34	138.92	139.51	140.10	140.70
4217.9	141.29	141.89	142.48	143.09	143.69	144.29	144.90	145.51	146.13	146.74
4218.0	147.36	147.98	148.60	149.23	149.86	150.49	151.12	151.75	152.39	153.03
4218.1	153.67	154.32	154.96	155.61	156.27	156.92	157.58	158.24	158.90	159.56
4218.2	160.23	160.90	161.57	162.24	162.92	163.59	164.28	164.96	165.64	166.33
4218.3	167.02	167.71	168.41	169.11	169.81	170.51	171.21	171.92	172.63	173.34
4218.4	174.06	174.78	175.49	176.22	176.94	177.67	178.40	179.13	179.86	180.60

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4218.5	181.34	182.08	182.82	183.57	184.31	185.06	185.82	186.57	187.33	188.09
4218.6	188.85	189.62	190.39	191.16	191.93	192.70	193.48	194.26	195.04	195.83
4218.7	196.61	197.40	198.19	198.99	199.78	200.58	201.38	202.19	202.99	203.80
4218.8	204.61	205.43	206.24	207.06	207.88	208.70	209.53	210.36	211.19	212.02
4218.9	212.86	213.69	214.53	215.37	216.22	217.07	217.92	218.77	219.62	220.48
4219.0	221.34	222.20	223.06	223.93	224.80	225.67	226.54	227.42	228.30	229.18
4219.1	230.06	230.95	231.84	232.73	233.62	234.51	235.41	236.31	237.21	238.12
4219.2	239.03	239.94	240.85	241.76	242.68	243.60	244.52	245.45	246.37	247.30
4219.3	248.23	249.17	250.10	251.04	251.98	252.93	253.87	254.82	255.77	256.72
4219.4	257.68	258.64	259.60	260.56	261.53	262.49	263.46	264.44	265.41	266.39
4219.5	267.37	268.35	269.33	270.32	271.31	272.30	273.30	274.29	275.29	276.29
4219.6	277.30	278.30	279.31	280.32	281.34	282.35	283.37	284.39	285.41	286.44
4219.7	287.47	288.50	289.53	290.57	291.60	292.64	293.69	294.73	295.78	296.83
4219.8	297.88	298.93	299.99	301.05	302.11	303.17	304.24	305.31	306.38	307.46
4219.9	308.53	309.61	310.69	311.77	312.86	313.95	315.04	316.13	317.23	318.32
4220.0	319.42	320.53	321.63	322.74	323.85	324.96	326.08	327.19	328.31	329.44
4220.1	330.56	331.69	332.82	333.95	335.08	336.22	337.36	338.50	339.64	340.79
4220.2	341.94	343.09	344.24	345.40	346.55	347.71	348.88	350.04	351.21	352.38
4220.3	353.55	354.73	355.90	357.08	358.27	359.45	360.64	361.83	363.02	364.21
4220.4	365.41	366.61	367.81	369.01	370.22	371.43	372.64	373.85	375.07	376.29
4220.5	377.51	378.73	379.96	381.19	382.42	383.65	384.88	386.12	387.36	388.60
4220.6	389.85	391.10	392.35	393.60	394.85	396.11	397.37	398.63	399.90	401.16
4220.7	402.43	403.70	404.98	406.25	407.53	408.81	410.10	411.38	412.67	413.96
4220.8	415.25	416.55	417.85	419.15	420.45	421.76	423.06	424.37	425.69	427.00
4220.9	428.32	429.64	430.96	432.28	433.61	434.94	436.27	437.61	438.94	440.28
4221.0	441.62	442.97	444.31	445.66	447.01	448.36	449.72	451.08	452.44	453.80
4221.1	455.17	456.54	457.91	459.28	460.65	462.03	463.41	464.79	466.18	467.56
4221.2	468.95	470.35	471.74	473.14	474.54	475.94	477.34	478.75	480.16	481.57
4221.3	482.98	484.40	485.82	487.24	488.66	490.09	491.51	492.95	494.38	495.81
4221.4	497.25	498.69	500.13	501.58	503.03	504.48	505.93	507.38	508.84	510.30
4221.5	511.76	513.23	514.69	516.16	517.63	519.11	520.58	522.06	523.54	525.03
4221.6	526.51	528.00	529.49	530.99	532.48	533.98	535.48	536.98	538.49	540.00
4221.7	541.51	543.02	544.53	546.05	547.57	549.09	550.62	552.14	553.67	555.20
4221.8	556.74	558.28	559.81	561.36	562.90	564.45	565.99	567.55	569.10	570.66
4221.9	572.21	573.77	575.33	576.90	578.46	580.03	581.59	583.16	584.73	586.31
4222.0	587.88	589.46	591.03	592.61	594.19	595.77	597.36	598.94	600.53	602.12
4222.1	603.71	605.30	606.89	608.49	610.08	611.68	613.28	614.88	616.48	618.09
4222.2	619.70	621.30	622.91	624.52	626.13	627.75	629.36	630.98	632.60	634.22
4222.3	635.84	637.47	639.09	640.72	642.35	643.98	645.61	647.24	648.88	650.51
4222.4	652.15	653.79	655.43	657.07	658.72	660.36	662.01	663.66	665.31	666.97

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/15/2014

2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4222.5	668.62	670.27	671.93	673.59	675.25	676.91	678.58	680.24	681.91	683.58
4222.6	685.25	686.92	688.59	690.27	691.94	693.62	695.30	696.98	698.67	700.35
4222.7	702.04	703.72	705.41	707.10	708.80	710.49	712.19	713.88	715.58	717.28
4222.8	718.99	720.69	722.39	724.10	725.81	727.52	729.23	730.94	732.66	734.38
4222.9	736.09	737.81	739.54	741.26	742.98	744.71	746.44	748.17	749.90	751.63
4223.0	753.36	755.10	756.84	758.58	760.32	762.06	763.80	765.55	767.29	769.04
4223.1	770.79	772.55	774.30	776.05	777.81	779.57	781.33	783.09	784.85	786.62
4223.2	788.38	790.15	791.92	793.69	795.46	797.24	799.01	800.79	802.57	804.35
4223.3	806.13	807.92	809.70	811.49	813.28	815.07	816.86	818.65	820.45	822.25
4223.4	824.04	825.84	827.64	829.45	831.25	833.06	834.87	836.68	838.49	840.30
4223.5	842.11	843.93	845.75	847.57	849.39	851.21	853.03	854.86	856.69	858.51
4223.6	860.34	862.18	864.01	865.85	867.68	869.52	871.36	873.20	875.04	876.89
4223.7	878.74	880.58	882.43	884.28	886.14	887.99	889.85	891.70	893.56	895.42
4223.8	897.29	899.15	901.02	902.88	904.75	906.62	908.49	910.37	912.24	914.12
4223.9	916.00	917.88	919.76	921.64	923.53	925.41	927.30	929.19	931.08	932.98
4224.0	934.87	936.77	938.66	940.56	942.46	944.37	946.27	948.18	950.08	951.99
4224.1	953.90	955.81	957.73	959.64	961.56	963.48	965.40	967.32	969.24	971.17
4224.2	973.09	975.02	976.95	978.88	980.82	982.75	984.69	986.62	988.56	990.50
4224.3	992.45	994.39	996.34	998.28	1000.23	1002.18	1004.13	1006.09	1008.04	1010.00
4224.4	1011.96	1013.92	1015.88	1017.84	1019.81	1021.78	1023.74	1025.71	1027.68	1029.66
4224.5	1031.63	1033.61	1035.59	1037.56	1039.55	1041.53	1043.51	1045.50	1047.49	1049.47
4224.6	1051.46	1053.46	1055.45	1057.45	1059.44	1061.44	1063.44	1065.44	1067.45	1069.45
4224.7	1071.46	1073.47	1075.48	1077.49	1079.50	1081.51	1083.53	1085.55	1087.57	1089.59
4224.8	1091.61	1093.64	1095.66	1097.69	1099.72	1101.75	1103.78	1105.81	1107.85	1109.89
4224.9	1111.92	1113.96	1116.01	1118.05	1120.10	1122.14	1124.19	1126.24	1128.29	1130.34
4225.0	1132.40	1134.45	1136.51	1138.57	1140.63	1142.70	1144.76	1146.83	1148.89	1150.96
4225.1	1153.03	1155.11	1157.18	1159.25	1161.33	1163.41	1165.49	1167.57	1169.66	1171.74
4225.2	1173.83	1175.92	1178.01	1180.10	1182.19	1184.28	1186.38	1188.48	1190.58	1192.68
4225.3	1194.78	1196.89	1198.99	1201.10	1203.21	1205.32	1207.43	1209.55	1211.66	1213.78
4225.4	1215.90	1218.02	1220.14	1222.26	1224.39	1226.51	1228.64	1230.77	1232.90	1235.04
4225.5	1237.17	1239.31	1241.45	1243.59	1245.73	1247.87	1250.01	1252.16	1254.31	1256.46
4225.6	1258.61	1260.76	1262.91	1265.07	1267.23	1269.38	1271.54	1273.71	1275.87	1278.04
4225.7	1280.20	1282.37	1284.54	1286.71	1288.89	1291.06	1293.24	1295.41	1297.59	1299.78
4225.8	1301.96	1304.14	1306.33	1308.52	1310.71	1312.90	1315.09	1317.28	1319.48	1321.68
4225.9	1323.87	1326.08	1328.28	1330.49	1332.70	1334.91	1337.12	1339.34	1341.56	1343.78
4226.0	1346.01	1348.24	1350.47	1352.70	1354.94	1357.18	1359.42	1361.66	1363.91	1366.15
4226.1	1368.40	1370.66	1372.92	1375.17	1377.44	1379.70	1381.97	1384.24	1386.51	1388.78
4226.2	1391.06	1393.34	1395.62	1397.91	1400.19	1402.48	1404.78	1407.07	1409.37	1411.67
4226.3	1413.97	1416.28	1418.59	1420.90	1423.21	1425.53	1427.85	1430.17	1432.49	1434.82
4226.4	1437.15	1439.48	1441.81	1444.15	1446.49	1448.83	1451.17	1453.52	1455.87	1458.22

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

13:39:16

THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4226.5	1460.58	1462.94	1465.30	1467.66	1470.02	1472.39	1474.76	1477.14	1479.51	1481.89
4226.6	1484.27	1486.65	1489.04	1491.43	1493.82	1496.21	1498.61	1501.01	1503.41	1505.81
4226.7	1508.22	1510.63	1513.04	1515.46	1517.87	1520.29	1522.72	1525.14	1527.57	1530.00
4226.8	1532.43	1534.87	1537.30	1539.75	1542.19	1544.63	1547.08	1549.53	1551.99	1554.44
4226.9	1556.90	1559.36	1561.83	1564.29	1566.76	1569.23	1571.71	1574.18	1576.66	1579.15
4227.0	1581.63	1584.12	1586.61	1589.10	1591.59	1594.09	1596.59	1599.09	1601.60	1604.11
4227.1	1606.62	1609.13	1611.65	1614.17	1616.69	1619.21	1621.74	1624.27	1626.80	1629.33
4227.2	1631.87	1634.41	1636.95	1639.49	1642.04	1644.59	1647.14	1649.69	1652.25	1654.81
4227.3	1657.37	1659.94	1662.51	1665.08	1667.65	1670.22	1672.80	1675.38	1677.97	1680.55
4227.4	1683.14	1685.73	1688.32	1690.92	1693.52	1696.12	1698.72	1701.33	1703.94	1706.55
4227.5	1709.17	1711.78	1714.40	1717.02	1719.65	1722.28	1724.91	1727.54	1730.17	1732.81
4227.6	1735.45	1738.09	1740.74	1743.39	1746.04	1748.69	1751.35	1754.01	1756.67	1759.33
4227.7	1762.00	1764.66	1767.34	1770.01	1772.69	1775.37	1778.05	1780.73	1783.42	1786.11
4227.8	1788.80	1791.49	1794.19	1796.89	1799.59	1802.30	1805.01	1807.72	1810.43	1813.15
4227.9	1815.86	1818.58	1821.31	1824.03	1826.76	1829.49	1832.23	1834.96	1837.70	1840.44
4228.0	1843.19	1845.93	1848.68	1851.43	1854.19	1856.94	1859.70	1862.47	1865.23	1868.00
4228.1	1870.77	1873.54	1876.32	1879.09	1881.87	1884.66	1887.44	1890.23	1893.02	1895.81
4228.2	1898.61	1901.41	1904.21	1907.01	1909.82	1912.63	1915.44	1918.25	1921.07	1923.89
4228.3	1926.71	1929.53	1932.36	1935.19	1938.02	1940.86	1943.69	1946.53	1949.38	1952.22
4228.4	1955.07	1957.92	1960.77	1963.63	1966.49	1969.35	1972.21	1975.08	1977.94	1980.82
4228.5	1983.69	1986.57	1989.44	1992.33	1995.21	1998.10	2000.99	2003.88	2006.77	2009.67
4228.6	2012.57	2015.47	2018.37	2021.28	2024.19	2027.10	2030.02	2032.94	2035.86	2038.78
4228.7	2041.71	2044.63	2047.56	2050.50	2053.43	2056.37	2059.31	2062.26	2065.20	2068.15
4228.8	2071.10	2074.06	2077.01	2079.97	2082.93	2085.90	2088.87	2091.84	2094.81	2097.78
4228.9	2100.76	2103.74	2106.72	2109.71	2112.70	2115.69	2118.68	2121.67	2124.67	2127.67
4229.0	2130.68	2133.68	2136.69	2139.70	2142.72	2145.73	2148.75	2151.77	2154.80	2157.82
4229.1	2160.85	2163.88	2166.92	2169.95	2172.99	2176.04	2179.08	2182.13	2185.18	2188.23
4229.2	2191.29	2194.34	2197.40	2200.47	2203.53	2206.60	2209.67	2212.74	2215.82	2218.90
4229.3	2221.98	2225.06	2228.15	2231.24	2234.33	2237.42	2240.52	2243.62	2246.72	2249.83
4229.4	2252.93	2256.04	2259.16	2262.27	2265.39	2268.51	2271.63	2274.76	2277.88	2281.01
4229.5	2284.15	2287.28	2290.42	2293.56	2296.70	2299.85	2303.00	2306.15	2309.30	2312.46
4229.6	2315.62	2318.78	2321.94	2325.11	2328.28	2331.45	2334.63	2337.80	2340.98	2344.17
4229.7	2347.35	2350.54	2353.73	2356.92	2360.12	2363.31	2366.51	2369.72	2372.92	2376.13
4229.8	2379.34	2382.55	2385.77	2388.99	2392.21	2395.43	2398.66	2401.89	2405.12	2408.35
4229.9	2411.59	2414.83	2418.08	2421.32	2424.58	2427.83	2431.09	2434.35	2437.62	2440.89
4230.0	2444.16	2447.43	2450.71	2454.00	2457.28	2460.57	2463.87	2467.17	2470.47	2473.77
4230.1	2477.08	2480.39	2483.70	2487.02	2490.35	2493.67	2497.00	2500.33	2503.67	2507.01
4230.2	2510.35	2513.70	2517.05	2520.40	2523.76	2527.12	2530.49	2533.85	2537.23	2540.60
4230.3	2543.98	2547.36	2550.75	2554.14	2557.53	2560.93	2564.33	2567.73	2571.14	2574.55
4230.4	2577.96	2581.38	2584.80	2588.22	2591.65	2595.08	2598.52	2601.96	2605.40	2608.85

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4230.5	2612.29	2615.75	2619.20	2622.66	2626.13	2629.59	2633.06	2636.54	2640.02	2643.50
4230.6	2646.98	2650.47	2653.96	2657.46	2660.96	2664.46	2667.97	2671.48	2674.99	2678.50
4230.7	2682.02	2685.55	2689.08	2692.61	2696.14	2699.68	2703.22	2706.76	2710.31	2713.86
4230.8	2717.42	2720.98	2724.54	2728.11	2731.68	2735.25	2738.83	2742.41	2745.99	2749.58
4230.9	2753.17	2756.76	2760.36	2763.96	2767.57	2771.18	2774.79	2778.40	2782.02	2785.65
4231.0	2789.27	2792.90	2796.54	2800.17	2803.81	2807.46	2811.10	2814.75	2818.41	2822.07
4231.1	2825.73	2829.39	2833.06	2836.74	2840.41	2844.09	2847.77	2851.46	2855.15	2858.84
4231.2	2862.54	2866.24	2869.94	2873.65	2877.36	2881.08	2884.80	2888.52	2892.24	2895.97
4231.3	2899.70	2903.44	2907.18	2910.92	2914.67	2918.42	2922.17	2925.93	2929.69	2933.45
4231.4	2937.22	2940.99	2944.77	2948.55	2952.33	2956.11	2959.90	2963.69	2967.49	2971.29
4231.5	2975.09	2978.90	2982.71	2986.52	2990.34	2994.16	2997.99	3001.81	3005.64	3009.48
4231.6	3013.32	3017.16	3021.00	3024.85	3028.71	3032.56	3036.42	3040.29	3044.15	3048.02
4231.7	3051.90	3055.77	3059.65	3063.54	3067.43	3071.32	3075.21	3079.11	3083.01	3086.92
4231.8	3090.83	3094.74	3098.66	3102.58	3106.50	3110.43	3114.36	3118.29	3122.23	3126.17
4231.9	3130.11	3134.06	3138.01	3141.97	3145.93	3149.89	3153.86	3157.83	3161.80	3165.77
4232.0	3169.75	3173.74	3177.72	3181.72	3185.71	3189.71	3193.71	3197.71	3201.72	3205.73
4232.1	3209.75	3213.77	3217.79	3221.81	3225.84	3229.88	3233.91	3237.95	3242.00	3246.04
4232.2	3250.09	3254.15	3258.21	3262.27	3266.33	3270.40	3274.47	3278.55	3282.63	3286.71
4232.3	3290.80	3294.89	3298.98	3303.07	3307.17	3311.28	3315.39	3319.50	3323.61	3327.73
4232.4	3331.85	3335.97	3340.10	3344.24	3348.37	3352.51	3356.65	3360.80	3364.95	3369.10
4232.5	3373.26	3377.42	3381.58	3385.75	3389.92	3394.09	3398.27	3402.45	3406.64	3410.83
4232.6	3415.02	3419.22	3423.41	3427.62	3431.82	3436.03	3440.25	3444.46	3448.68	3452.91
4232.7	3457.14	3461.37	3465.60	3469.84	3474.08	3478.33	3482.57	3486.83	3491.08	3495.34
4232.8	3499.60	3503.87	3508.14	3512.41	3516.69	3520.97	3525.26	3529.54	3533.83	3538.13
4232.9	3542.43	3546.73	3551.03	3555.34	3559.66	3563.97	3568.29	3572.61	3576.94	3581.27
4233.0	3585.60	3589.94	3594.28	3598.63	3602.97	3607.32	3611.68	3616.04	3620.40	3624.76
4233.1	3629.13	3633.51	3637.88	3642.26	3646.64	3651.03	3655.42	3659.82	3664.21	3668.61
4233.2	3673.02	3677.43	3681.84	3686.25	3690.67	3695.09	3699.52	3703.95	3708.38	3712.82
4233.3	3717.25	3721.70	3726.14	3730.59	3735.05	3739.51	3743.97	3748.43	3752.90	3757.37
4233.4	3761.85	3766.32	3770.81	3775.29	3779.78	3784.27	3788.77	3793.27	3797.77	3802.28
4233.5	3806.79	3811.30	3815.82	3820.34	3824.87	3829.40	3833.93	3838.46	3843.00	3847.54
4233.6	3852.09	3856.64	3861.19	3865.75	3870.31	3874.87	3879.44	3884.01	3888.58	3893.16
4233.7	3897.74	3902.33	3906.91	3911.51	3916.10	3920.70	3925.30	3929.91	3934.52	3939.13
4233.8	3943.75	3948.37	3952.99	3957.62	3962.25	3966.88	3971.52	3976.16	3980.81	3985.46
4233.9	3990.11	3994.76	3999.42	4004.08	4008.75	4013.42	4018.10	4022.77	4027.45	4032.14
4234.0	4036.83	4041.52	4046.22	4050.92	4055.62	4060.33	4065.04	4069.75	4074.47	4079.19
4234.1	4083.92	4088.65	4093.38	4098.12	4102.86	4107.60	4112.35	4117.10	4121.85	4126.61
4234.2	4131.38	4136.14	4140.91	4145.68	4150.46	4155.24	4160.03	4164.81	4169.61	4174.40
4234.3	4179.20	4184.00	4188.81	4193.62	4198.43	4203.25	4208.07	4212.90	4217.72	4222.56
4234.4	4227.39	4232.23	4237.07	4241.92	4246.77	4251.63	4256.48	4261.35	4266.21	4271.08

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4234.5	4275.95	4280.83	4285.71	4290.59	4295.48	4300.37	4305.26	4310.16	4315.06	4319.97
4234.6	4324.88	4329.79	4334.71	4339.63	4344.55	4349.48	4354.41	4359.35	4364.29	4369.23
4234.7	4374.18	4379.13	4384.08	4389.04	4394.00	4398.96	4403.93	4408.90	4413.88	4418.86
4234.8	4423.84	4428.83	4433.82	4438.81	4443.81	4448.81	4453.81	4458.82	4463.83	4468.85
4234.9	4473.87	4478.89	4483.92	4488.95	4493.98	4499.02	4504.06	4509.11	4514.16	4519.21
4235.0	4524.27	4529.33	4534.39	4539.46	4544.53	4549.61	4554.68	4559.77	4564.85	4569.94
4235.1	4575.03	4580.13	4585.23	4590.34	4595.44	4600.56	4605.67	4610.79	4615.91	4621.04
4235.2	4626.17	4631.30	4636.44	4641.58	4646.73	4651.87	4657.03	4662.18	4667.34	4672.50
4235.3	4677.67	4682.84	4688.01	4693.19	4698.37	4703.56	4708.75	4713.94	4719.14	4724.34
4235.4	4729.54	4734.75	4739.96	4745.17	4750.39	4755.61	4760.84	4766.07	4771.30	4776.54
4235.5	4781.78	4787.02	4792.27	4797.52	4802.77	4808.03	4813.30	4818.56	4823.83	4829.10
4235.6	4834.38	4839.66	4844.95	4850.23	4855.53	4860.82	4866.12	4871.42	4876.73	4882.04
4235.7	4887.35	4892.67	4897.99	4903.32	4908.65	4913.98	4919.31	4924.65	4930.00	4935.34
4235.8	4940.69	4946.05	4951.41	4956.77	4962.13	4967.50	4972.88	4978.25	4983.63	4989.02
4235.9	4994.40	4999.79	5005.19	5010.59	5015.99	5021.39	5026.80	5032.22	5037.63	5043.05
4236.0	5048.48	5053.91	5059.34	5064.77	5070.21	5075.65	5081.10	5086.55	5092.00	5097.46
4236.1	5102.92	5108.39	5113.85	5119.33	5124.80	5130.28	5135.76	5141.25	5146.74	5152.23
4236.2	5157.73	5163.23	5168.74	5174.25	5179.76	5185.28	5190.80	5196.32	5201.85	5207.38
4236.3	5212.91	5218.45	5223.99	5229.54	5235.09	5240.64	5246.19	5251.75	5257.32	5262.89
4236.4	5268.46	5274.03	5279.61	5285.19	5290.78	5296.37	5301.96	5307.56	5313.16	5318.76
4236.5	5324.37	5329.98	5335.60	5341.22	5346.84	5352.47	5358.10	5363.73	5369.37	5375.01
4236.6	5380.65	5386.30	5391.95	5397.61	5403.27	5408.93	5414.60	5420.27	5425.94	5431.62
4236.7	5437.30	5442.99	5448.68	5454.37	5460.07	5465.77	5471.47	5477.18	5482.89	5488.60
4236.8	5494.32	5500.04	5505.77	5511.50	5517.23	5522.97	5528.71	5534.45	5540.20	5545.95
4236.9	5551.71	5557.46	5563.23	5568.99	5574.76	5580.54	5586.31	5592.09	5597.88	5603.67
4237.0	5609.46	5615.25	5621.05	5626.85	5632.66	5638.47	5644.29	5650.10	5655.92	5661.75
4237.1	5667.58	5673.41	5679.25	5685.09	5690.93	5696.78	5702.63	5708.48	5714.34	5720.20
4237.2	5726.07	5731.94	5737.81	5743.68	5749.56	5755.45	5761.34	5767.23	5773.12	5779.02
4237.3	5784.92	5790.83	5796.74	5802.65	5808.57	5814.49	5820.41	5826.34	5832.27	5838.21
4237.4	5844.15	5850.09	5856.03	5861.98	5867.94	5873.90	5879.86	5885.82	5891.79	5897.76
4237.5	5903.74	5909.72	5915.70	5921.69	5927.68	5933.67	5939.67	5945.67	5951.67	5957.68
4237.6	5963.69	5969.71	5975.73	5981.75	5987.78	5993.81	5999.85	6005.88	6011.93	6017.97
4237.7	6024.02	6030.08	6036.13	6042.19	6048.26	6054.32	6060.39	6066.47	6072.55	6078.63
4237.8	6084.72	6090.81	6096.90	6103.00	6109.10	6115.20	6121.31	6127.42	6133.54	6139.65
4237.9	6145.78	6151.91	6158.04	6164.19	6170.33	6176.49	6182.65	6188.81	6194.98	6201.16
4238.0	6207.35	6213.53	6219.73	6225.93	6232.14	6238.35	6244.57	6250.79	6257.03	6263.26
4238.1	6269.50	6275.75	6282.01	6288.27	6294.54	6300.81	6307.09	6313.37	6319.66	6325.96
4238.2	6332.26	6338.57	6344.88	6351.20	6357.53	6363.86	6370.20	6376.54	6382.89	6389.25
4238.3	6395.61	6401.98	6408.35	6414.73	6421.12	6427.51	6433.90	6440.31	6446.72	6453.13
4238.4	6459.55	6465.98	6472.41	6478.85	6485.30	6491.75	6498.20	6504.67	6511.14	6517.61

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4238.5	6524.09	6530.58	6537.07	6543.57	6550.07	6556.58	6563.10	6569.62	6576.15	6582.68
4238.6	6589.22	6595.77	6602.32	6608.88	6615.44	6622.01	6628.59	6635.17	6641.76	6648.35
4238.7	6654.95	6661.56	6668.17	6674.79	6681.41	6688.04	6694.67	6701.31	6707.96	6714.62
4238.8	6721.27	6727.94	6734.61	6741.29	6747.97	6754.66	6761.35	6768.05	6774.76	6781.47
4238.9	6788.19	6794.91	6801.64	6808.38	6815.12	6821.87	6828.62	6835.38	6842.15	6848.92
4239.0	6855.70	6862.48	6869.27	6876.07	6882.87	6889.68	6896.49	6903.31	6910.14	6916.97
4239.1	6923.81	6930.65	6937.50	6944.35	6951.21	6958.08	6964.96	6971.83	6978.72	6985.61
4239.2	6992.51	6999.41	7006.32	7013.23	7020.15	7027.08	7034.01	7040.95	7047.89	7054.85
4239.3	7061.80	7068.76	7075.73	7082.71	7089.69	7096.67	7103.66	7110.66	7117.66	7124.67
4239.4	7131.69	7138.71	7145.74	7152.77	7159.81	7166.86	7173.91	7180.97	7188.03	7195.10
4239.5	7202.17	7209.25	7216.34	7223.43	7230.53	7237.64	7244.75	7251.87	7258.99	7266.12
4239.6	7273.25	7280.39	7287.54	7294.69	7301.85	7309.01	7316.18	7323.36	7330.54	7337.73
4239.7	7344.92	7352.12	7359.33	7366.54	7373.76	7380.98	7388.21	7395.45	7402.69	7409.94
4239.8	7417.19	7424.45	7431.72	7438.99	7446.26	7453.55	7460.84	7468.13	7475.43	7482.74
4239.9	7490.05	7497.37	7504.70	7512.03	7519.36	7526.71	7534.06	7541.41	7548.77	7556.14
4240.0	7563.51	7570.89	7578.27	7585.66	7593.06	7600.46	7607.87	7615.28	7622.70	7630.13
4240.1	7637.56	7645.00	7652.44	7659.89	7667.35	7674.81	7682.28	7689.75	7697.23	7704.71
4240.2	7712.21	7719.70	7727.21	7734.71	7742.23	7749.75	7757.28	7764.81	7772.35	7779.89
4240.3	7787.44	7795.00	7802.56	7810.13	7817.71	7825.29	7832.87	7840.47	7848.06	7855.67
4240.4	7863.28	7870.90	7878.52	7886.15	7893.78	7901.42	7909.07	7916.72	7924.38	7932.04
4240.5	7939.71	7947.38	7955.07	7962.75	7970.45	7978.15	7985.85	7993.56	8001.28	8009.00
4240.6	8016.73	8024.47	8032.21	8039.95	8047.71	8055.47	8063.23	8071.00	8078.78	8086.56
4240.7	8094.35	8102.14	8109.94	8117.75	8125.56	8133.38	8141.21	8149.04	8156.87	8164.71
4240.8	8172.56	8180.42	8188.28	8196.14	8204.01	8211.89	8219.77	8227.66	8235.56	8243.46
4240.9	8251.37	8259.28	8267.20	8275.13	8283.06	8291.00	8298.94	8306.89	8314.84	8322.80
4241.0	8330.77	8338.74	8346.72	8354.71	8362.70	8370.69	8378.70	8386.71	8394.72	8402.74
4241.1	8410.77	8418.80	8426.84	8434.88	8442.93	8450.99	8459.05	8467.12	8475.19	8483.27
4241.2	8491.36	8499.45	8507.55	8515.65	8523.76	8531.88	8540.00	8548.12	8556.26	8564.40
4241.3	8572.54	8580.69	8588.85	8597.01	8605.18	8613.36	8621.54	8629.73	8637.92	8646.12
4241.4	8654.32	8662.53	8670.75	8678.97	8687.20	8695.43	8703.67	8711.92	8720.17	8728.43
4241.5	8736.70	8744.97	8753.24	8761.52	8769.81	8778.11	8786.41	8794.71	8803.02	8811.34
4241.6	8819.66	8827.99	8836.33	8844.67	8853.02	8861.37	8869.73	8878.10	8886.47	8894.84
4241.7	8903.23	8911.62	8920.01	8928.41	8936.82	8945.23	8953.65	8962.08	8970.51	8978.94
4241.8	8987.38	8995.83	9004.29	9012.75	9021.21	9029.69	9038.17	9046.65	9055.14	9063.64
4241.9	9072.14	9080.65	9089.17	9097.69	9106.23	9114.77	9123.32	9131.88	9140.45	9149.02
4242.0	9157.61	9166.20	9174.79	9183.40	9192.02	9200.64	9209.27	9217.91	9226.55	9235.21
4242.1	9243.87	9252.54	9261.22	9269.91	9278.60	9287.30	9296.01	9304.73	9313.46	9322.19
4242.2	9330.93	9339.68	9348.44	9357.21	9365.98	9374.76	9383.55	9392.35	9401.16	9409.97
4242.3	9418.79	9427.62	9436.46	9445.31	9454.16	9463.02	9471.89	9480.77	9489.66	9498.55
4242.4	9507.45	9516.36	9525.28	9534.21	9543.14	9552.08	9561.03	9569.99	9578.95	9587.93

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THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4242.5	9596.91	9605.90	9614.89	9623.90	9632.91	9641.93	9650.96	9660.00	9669.04	9678.10
4242.6	9687.16	9696.23	9705.30	9714.39	9723.48	9732.58	9741.69	9750.81	9759.93	9769.07
4242.7	9778.21	9787.36	9796.51	9805.68	9814.85	9824.03	9833.22	9842.42	9851.62	9860.83
4242.8	9870.05	9879.28	9888.52	9897.76	9907.02	9916.28	9925.55	9934.82	9944.11	9953.40
4242.9	9962.70	9972.01	9981.32	9990.65	9999.98	10009.32	10018.67	10028.02	10037.39	10046.76
4243.0	10056.14	10065.53	10074.92	10084.33	10093.74	10103.16	10112.59	10122.02	10131.47	10140.92
4243.1	10150.38	10159.85	10169.32	10178.81	10188.30	10197.80	10207.30	10216.82	10226.34	10235.87
4243.2	10245.41	10254.96	10264.52	10274.08	10283.65	10293.23	10302.82	10312.41	10322.02	10331.63
4243.3	10341.25	10350.87	10360.51	10370.15	10379.80	10389.46	10399.13	10408.80	10418.49	10428.18
4243.4	10437.88	10447.58	10457.30	10467.02	10476.75	10486.49	10496.24	10505.99	10515.75	10525.53
4243.5	10535.30	10545.09	10554.89	10564.69	10574.50	10584.32	10594.14	10603.98	10613.82	10623.67
4243.6	10633.53	10643.39	10653.27	10663.15	10673.04	10682.94	10692.85	10702.76	10712.68	10722.61
4243.7	10732.55	10742.50	10752.45	10762.41	10772.38	10782.36	10792.35	10802.34	10812.34	10822.35
4243.8	10832.37	10842.40	10852.43	10862.47	10872.52	10882.58	10892.64	10902.72	10912.80	10922.89
4243.9	10932.99	10943.09	10953.21	10963.33	10973.46	10983.59	10993.74	11003.89	11014.05	11024.22
4244.0	11034.40	11044.59	11054.78	11064.98	11075.19	11085.41	11095.63	11105.87	11116.11	11126.36
4244.1	11136.61	11146.88	11157.15	11167.43	11177.72	11188.02	11198.32	11208.63	11218.96	11229.28
4244.2	11239.62	11249.97	11260.32	11270.68	11281.05	11291.42	11301.81	11312.20	11322.60	11333.01
4244.3	11343.43	11353.85	11364.28	11374.72	11385.17	11395.63	11406.09	11416.57	11427.04	11437.53
4244.4	11448.03	11458.53	11469.05	11479.57	11490.09	11500.63	11511.17	11521.72	11532.29	11542.85
4244.5	11553.43	11564.01	11574.61	11585.21	11595.81	11606.43	11617.05	11627.68	11638.32	11648.97
4244.6	11659.63	11670.29	11680.96	11691.64	11702.33	11713.03	11723.73	11734.44	11745.16	11755.89
4244.7	11766.62	11777.37	11788.12	11798.88	11809.64	11820.42	11831.20	11841.99	11852.79	11863.60
4244.8	11874.41	11885.24	11896.07	11906.91	11917.75	11928.61	11939.47	11950.34	11961.22	11972.11
4244.9	11983.00	11993.91	12004.82	12015.74	12026.66	12037.60	12048.54	12059.49	12070.45	12081.42
4245.0	12092.39	12103.37	12114.36	12125.36	12136.37	12147.38	12158.40	12169.43	12180.47	12191.52
4245.1	12202.57	12213.64	12224.71	12235.78	12246.87	12257.96	12269.07	12280.18	12291.29	12302.42
4245.2	12313.55	12324.70	12335.85	12347.00	12358.17	12369.34	12380.53	12391.72	12402.91	12414.12
4245.3	12425.33	12436.55	12447.79	12459.02	12470.27	12481.52	12492.78	12504.05	12515.33	12526.62
4245.4	12537.91	12549.21	12560.52	12571.84	12583.16	12594.50	12605.84	12617.19	12628.54	12639.91
4245.5	12651.28	12662.66	12674.05	12685.45	12696.86	12708.27	12719.69	12731.12	12742.55	12754.00
4245.6	12765.45	12776.91	12788.38	12799.86	12811.34	12822.84	12834.34	12845.85	12857.36	12868.89
4245.7	12880.42	12891.96	12903.51	12915.07	12926.63	12938.20	12949.78	12961.37	12972.97	12984.57
4245.8	12996.18	13007.80	13019.43	13031.07	13042.71	13054.37	13066.03	13077.69	13089.37	13101.05
4245.9	13112.75	13124.45	13136.16	13147.88	13159.61	13171.36	13183.11	13194.86	13206.63	13218.41
4246.0	13230.20	13242.00	13253.80	13265.62	13277.45	13289.28	13301.13	13312.99	13324.85	13336.72
4246.1	13348.61	13360.50	13372.40	13384.31	13396.24	13408.17	13420.11	13432.06	13444.02	13455.99
4246.2	13467.96	13479.95	13491.95	13503.96	13515.97	13528.00	13540.04	13552.08	13564.14	13576.20
4246.3	13588.28	13600.36	13612.45	13624.56	13636.67	13648.79	13660.92	13673.06	13685.21	13697.37
4246.4	13709.54	13721.72	13733.91	13746.11	13758.31	13770.53	13782.76	13794.99	13807.24	13819.49

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4246.5	13831.76	13844.03	13856.32	13868.61	13880.91	13893.22	13905.55	13917.88	13930.22	13942.57
4246.6	13954.93	13967.30	13979.68	13992.07	14004.46	14016.87	14029.29	14041.71	14054.15	14066.60
4246.7	14079.05	14091.52	14103.99	14116.47	14128.97	14141.47	14153.98	14166.51	14179.04	14191.58
4246.8	14204.13	14216.69	14229.26	14241.84	14254.43	14267.03	14279.63	14292.25	14304.88	14317.51
4246.9	14330.16	14342.81	14355.48	14368.15	14380.84	14393.53	14406.23	14418.95	14431.67	14444.40
4247.0	14457.14	14469.89	14482.65	14495.42	14508.20	14520.99	14533.79	14546.59	14559.41	14572.24
4247.1	14585.08	14597.92	14610.78	14623.64	14636.52	14649.40	14662.29	14675.20	14688.11	14701.03
4247.2	14713.96	14726.91	14739.86	14752.82	14765.79	14778.76	14791.75	14804.75	14817.76	14830.78
4247.3	14843.80	14856.84	14869.89	14882.94	14896.01	14909.08	14922.17	14935.26	14948.36	14961.48
4247.4	14974.60	14987.73	15000.87	15014.02	15027.18	15040.35	15053.53	15066.72	15079.92	15093.13
4247.5	15106.35	15119.57	15132.81	15146.06	15159.31	15172.58	15185.85	15199.14	15212.43	15225.73
4247.6	15239.05	15252.37	15265.70	15279.04	15292.39	15305.75	15319.12	15332.50	15345.89	15359.29
4247.7	15372.70	15386.12	15399.54	15412.98	15426.43	15439.88	15453.35	15466.82	15480.31	15493.80
4247.8	15507.30	15520.82	15534.34	15547.87	15561.41	15574.96	15588.53	15602.10	15615.68	15629.26
4247.9	15642.86	15656.47	15670.09	15683.72	15697.35	15711.00	15724.66	15738.32	15752.00	15765.68
4248.0	15779.38	15793.08	15806.79	15820.51	15834.25	15847.99	15861.74	15875.50	15889.27	15903.05
4248.1	15916.84	15930.64	15944.45	15958.26	15972.09	15985.93	15999.78	16013.63	16027.50	16041.37
4248.2	16055.26	16069.15	16083.06	16096.97	16110.89	16124.82	16138.76	16152.72	16166.68	16180.65
4248.3	16194.63	16208.62	16222.62	16236.62	16250.64	16264.67	16278.71	16292.75	16306.81	16320.88
4248.4	16334.95	16349.04	16363.13	16377.24	16391.35	16405.47	16419.60	16433.75	16447.90	16462.06
4248.5	16476.23	16490.41	16504.60	16518.80	16533.01	16547.22	16561.45	16575.69	16589.94	16604.19
4248.6	16618.46	16632.73	16647.02	16661.31	16675.62	16689.93	16704.25	16718.59	16732.93	16747.28
4248.7	16761.64	16776.01	16790.39	16804.78	16819.18	16833.59	16848.01	16862.44	16876.87	16891.32
4248.8	16905.78	16920.24	16934.72	16949.20	16963.70	16978.20	16992.71	17007.24	17021.77	17036.31
4248.9	17050.86	17065.43	17080.00	17094.58	17109.17	17123.77	17138.38	17152.99	17167.62	17182.26
4249.0	17196.90	17211.56	17226.23	17240.90	17255.59	17270.28	17284.99	17299.70	17314.42	17329.16
4249.1	17343.90	17358.65	17373.41	17388.18	17402.96	17417.75	17432.55	17447.36	17462.18	17477.01
4249.2	17491.85	17506.69	17521.55	17536.42	17551.29	17566.18	17581.07	17595.98	17610.89	17625.81
4249.3	17640.75	17655.69	17670.64	17685.60	17700.57	17715.55	17730.54	17745.54	17760.55	17775.57
4249.4	17790.60	17805.64	17820.69	17835.74	17850.81	17865.88	17880.97	17896.06	17911.17	17926.28
4249.5	17941.41	17956.54	17971.68	17986.83	18001.99	18017.17	18032.35	18047.54	18062.74	18077.95
4249.6	18093.16	18108.39	18123.63	18138.88	18154.13	18169.40	18184.68	18199.96	18215.26	18230.56
4249.7	18245.88	18261.20	18276.53	18291.88	18307.23	18322.59	18337.96	18353.34	18368.73	18384.13
4249.8	18399.54	18414.96	18430.39	18445.83	18461.27	18476.73	18492.20	18507.67	18523.16	18538.65
4249.9	18554.16	18569.67	18585.19	18600.72	18616.26	18631.80	18647.36	18662.92	18678.49	18694.07
4250.0	18709.66	18725.25	18740.86	18756.47	18772.09	18787.71	18803.35	18819.00	18834.65	18850.31
4250.1	18865.98	18881.66	18897.35	18913.04	18928.75	18944.46	18960.18	18975.90	18991.64	19007.39
4250.2	19023.14	19038.90	19054.67	19070.45	19086.23	19102.03	19117.83	19133.64	19149.46	19165.29
4250.3	19181.12	19196.97	19212.82	19228.68	19244.55	19260.43	19276.32	19292.21	19308.11	19324.02
4250.4	19339.94	19355.87	19371.80	19387.75	19403.70	19419.66	19435.63	19451.61	19467.59	19483.59

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4250.5	19499.59	19515.60	19531.62	19547.64	19563.68	19579.72	19595.77	19611.83	19627.90	19643.98
4250.6	19660.06	19676.16	19692.26	19708.37	19724.49	19740.61	19756.75	19772.89	19789.04	19805.20
4250.7	19821.37	19837.55	19853.73	19869.92	19886.12	19902.33	19918.55	19934.78	19951.01	19967.26
4250.8	19983.51	19999.77	20016.03	20032.31	20048.59	20064.88	20081.19	20097.50	20113.81	20130.14
4250.9	20146.47	20162.81	20179.16	20195.52	20211.89	20228.27	20244.65	20261.04	20277.44	20293.85
4251.0	20310.27	20326.69	20343.13	20359.57	20376.02	20392.48	20408.94	20425.42	20441.90	20458.39
4251.1	20474.89	20491.40	20507.92	20524.44	20540.98	20557.52	20574.07	20590.62	20607.19	20623.77
4251.2	20640.35	20656.94	20673.54	20690.15	20706.76	20723.39	20740.02	20756.66	20773.31	20789.97
4251.3	20806.63	20823.31	20839.99	20856.68	20873.38	20890.09	20906.80	20923.53	20940.26	20957.00
4251.4	20973.75	20990.51	21007.27	21024.04	21040.83	21057.62	21074.41	21091.22	21108.04	21124.86
4251.5	21141.69	21158.54	21175.38	21192.24	21209.11	21225.98	21242.86	21259.75	21276.65	21293.55
4251.6	21310.47	21327.39	21344.32	21361.26	21378.21	21395.17	21412.13	21429.11	21446.09	21463.07
4251.7	21480.07	21497.08	21514.10	21531.12	21548.15	21565.19	21582.23	21599.29	21616.36	21633.43
4251.8	21650.51	21667.60	21684.70	21701.80	21718.91	21736.04	21753.17	21770.31	21787.45	21804.61
4251.9	21821.77	21838.95	21856.12	21873.31	21890.51	21907.72	21924.93	21942.15	21959.38	21976.62
4252.0	21993.87	22011.12	22028.39	22045.66	22062.94	22080.23	22097.52	22114.83	22132.14	22149.46
4252.1	22166.79	22184.13	22201.48	22218.83	22236.19	22253.56	22270.95	22288.33	22305.73	22323.13
4252.2	22340.55	22357.97	22375.40	22392.84	22410.28	22427.73	22445.20	22462.67	22480.15	22497.63
4252.3	22515.13	22532.63	22550.15	22567.67	22585.20	22602.73	22620.28	22637.83	22655.39	22672.96
4252.4	22690.54	22708.13	22725.73	22743.33	22760.94	22778.56	22796.19	22813.83	22831.47	22849.13
4252.5	22866.79	22884.46	22902.14	22919.82	22937.52	22955.22	22972.93	22990.65	23008.38	23026.12
4252.6	23043.86	23061.62	23079.38	23097.15	23114.93	23132.71	23150.51	23168.31	23186.12	23203.94
4252.7	23221.77	23239.60	23257.45	23275.30	23293.16	23311.03	23328.90	23346.79	23364.69	23382.59
4252.8	23400.50	23418.42	23436.35	23454.28	23472.22	23490.18	23508.14	23526.11	23544.08	23562.07
4252.9	23580.06	23598.06	23616.07	23634.09	23652.12	23670.15	23688.20	23706.25	23724.31	23742.38
4253.0	23760.46	23778.54	23796.63	23814.73	23832.85	23850.96	23869.09	23887.22	23905.37	23923.52
4253.1	23941.68	23959.85	23978.02	23996.21	24014.40	24032.60	24050.81	24069.03	24087.26	24105.49
4253.2	24123.73	24141.98	24160.24	24178.51	24196.79	24215.07	24233.36	24251.66	24269.97	24288.29
4253.3	24306.61	24324.95	24343.29	24361.64	24380.00	24398.37	24416.74	24435.12	24453.52	24471.92
4253.4	24490.32	24508.74	24527.17	24545.60	24564.04	24582.49	24600.95	24619.42	24637.89	24656.38
4253.5	24674.87	24693.37	24711.88	24730.39	24748.92	24767.45	24785.99	24804.54	24823.10	24841.66
4253.6	24860.24	24878.82	24897.41	24916.02	24934.62	24953.24	24971.86	24990.49	25009.14	25027.79
4253.7	25046.44	25065.11	25083.78	25102.47	25121.15	25139.86	25158.56	25177.28	25196.01	25214.74
4253.8	25233.48	25252.22	25270.98	25289.75	25308.52	25327.30	25346.10	25364.89	25383.70	25402.51
4253.9	25421.34	25440.18	25459.02	25477.88	25496.75	25515.63	25534.52	25553.43	25572.34	25591.27
4254.0	25610.20	25629.15	25648.11	25667.07	25686.06	25705.05	25724.05	25743.06	25762.09	25781.13
4254.1	25800.18	25819.23	25838.30	25857.38	25876.47	25895.57	25914.69	25933.81	25952.95	25972.10
4254.2	25991.26	26010.43	26029.61	26048.80	26068.00	26087.21	26106.44	26125.68	26144.93	26164.18
4254.3	26183.45	26202.73	26222.02	26241.32	26260.64	26279.96	26299.30	26318.65	26338.01	26357.38
4254.4	26376.76	26396.15	26415.55	26434.96	26454.39	26473.82	26493.27	26512.73	26532.20	26551.68

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

4/15/2014

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4254.5	26571.18	26590.68	26610.19	26629.72	26649.25	26668.80	26688.36	26707.93	26727.51	26747.10
4254.6	26766.70	26786.32	26805.94	26825.58	26845.22	26864.88	26884.55	26904.23	26923.93	26943.63
4254.7	26963.34	26983.07	27002.80	27022.55	27042.31	27062.08	27081.86	27101.65	27121.46	27141.27
4254.8	27161.10	27180.93	27200.78	27220.63	27240.51	27260.38	27280.28	27300.18	27320.10	27340.02
4254.9	27359.96	27379.90	27399.86	27419.83	27439.81	27459.80	27479.81	27499.82	27519.85	27539.88
4255.0	27559.93	27579.99	27600.06	27620.14	27640.23	27660.33	27680.45	27700.57	27720.71	27740.86
4255.1	27761.01	27781.18	27801.37	27821.56	27841.76	27861.97	27882.20	27902.44	27922.68	27942.94
4255.2	27963.21	27983.49	28003.78	28024.09	28044.40	28064.72	28085.06	28105.41	28125.77	28146.14
4255.3	28166.52	28186.91	28207.31	28227.73	28248.15	28268.59	28289.04	28309.49	28329.96	28350.44
4255.4	28370.94	28391.44	28411.95	28432.48	28453.02	28473.56	28494.12	28514.69	28535.27	28555.86
4255.5	28576.47	28597.08	28617.71	28638.34	28658.99	28679.65	28700.32	28721.00	28741.69	28762.39
4255.6	28783.11	28803.83	28824.57	28845.32	28866.07	28886.85	28907.62	28928.42	28949.22	28970.04
4255.7	28990.86	29011.70	29032.54	29053.40	29074.27	29095.15	29116.04	29136.95	29157.86	29178.79
4255.8	29199.72	29220.67	29241.63	29262.60	29283.58	29304.57	29325.57	29346.59	29367.62	29388.65
4255.9	29409.70	29430.76	29451.82	29472.91	29494.00	29515.10	29536.22	29557.34	29578.48	29599.62
4256.0	29620.79	29641.96	29663.13	29684.32	29705.53	29726.74	29747.97	29769.21	29790.45	29811.71
4256.1	29832.98	29854.26	29875.55	29896.86	29918.17	29939.50	29960.84	29982.18	30003.54	30024.91
4256.2	30046.29	30067.68	30089.09	30110.50	30131.93	30153.36	30174.81	30196.27	30217.74	30239.22
4256.3	30260.71	30282.21	30303.71	30325.26	30346.79	30368.34	30389.90	30411.47	30433.05	30454.64
4256.4	30476.24	30497.86	30519.48	30541.12	30562.77	30584.43	30606.10	30627.78	30649.47	30671.17
4256.5	30692.88	30714.61	30736.35	30758.10	30779.85	30801.62	30823.40	30845.20	30867.00	30888.81
4256.6	30910.64	30932.47	30954.32	30976.18	30998.05	31019.93	31041.82	31063.73	31085.64	31107.57
4256.7	31129.51	31151.45	31173.41	31195.38	31217.36	31239.35	31261.36	31283.37	31305.40	31327.43
4256.8	31349.48	31371.54	31393.61	31415.69	31437.78	31459.88	31482.00	31504.12	31526.26	31548.41
4256.9	31570.57	31592.74	31614.92	31637.11	31659.31	31681.53	31703.76	31725.99	31748.24	31770.50
4257.0	31792.77	31815.05	31837.34	31859.64	31881.96	31904.28	31926.62	31948.97	31971.32	31993.70
4257.1	32016.08	32038.47	32060.87	32083.29	32105.71	32128.15	32150.60	32173.06	32195.53	32218.01
4257.2	32240.50	32263.00	32285.52	32308.04	32330.58	32353.13	32375.69	32398.26	32420.84	32443.43
4257.3	32466.03	32488.65	32511.27	32533.91	32556.56	32579.21	32601.88	32624.57	32647.26	32669.96
4257.4	32692.68	32715.40	32738.14	32760.88	32783.64	32806.41	32829.20	32851.99	32874.79	32897.61
4257.5	32920.43	32943.27	32966.12	32988.97	33011.84	33034.73	33057.62	33080.52	33103.43	33126.36
4257.6	33149.30	33172.25	33195.20	33218.18	33241.16	33264.15	33287.15	33310.16	33333.19	33356.23
4257.7	33379.28	33402.34	33425.41	33448.48	33471.58	33494.68	33517.80	33540.92	33564.06	33587.21
4257.8	33610.36	33633.54	33656.71	33679.91	33703.11	33726.32	33749.55	33772.79	33796.04	33819.30
4257.9	33842.57	33865.85	33889.15	33912.46	33935.78	33959.12	33982.47	34005.83	34029.21	34052.60
4258.0	34076.00	34099.41	34122.84	34146.28	34169.73	34193.20	34216.68	34240.18	34263.68	34287.20
4258.1	34310.73	34334.28	34357.84	34381.41	34405.00	34428.59	34452.21	34475.83	34499.47	34523.12
4258.2	34546.78	34570.46	34594.15	34617.85	34641.57	34665.29	34689.04	34712.79	34736.56	34760.34
4258.3	34784.13	34807.94	34831.76	34855.59	34879.44	34903.30	34927.18	34951.06	34974.96	34998.87
4258.4	35022.80	35046.73	35070.68	35094.65	35118.62	35142.62	35166.62	35190.64	35214.67	35238.71

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2013 AREA-CAPACITY TABLES (NGVD29)

4/15/2014

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4258.5	35262.77	35286.83	35310.91	35335.01	35359.12	35383.24	35407.38	35431.52	35455.68	35479.86
4258.6	35504.04	35528.24	35552.45	35576.68	35600.92	35625.17	35649.44	35673.71	35698.00	35722.31
4258.7	35746.63	35770.96	35795.30	35819.66	35844.03	35868.41	35892.80	35917.21	35941.64	35966.07
4258.8	35990.52	36014.98	36039.46	36063.94	36088.44	36112.96	36137.48	36162.02	36186.57	36211.14
4258.9	36235.72	36260.31	36284.92	36309.54	36334.17	36358.81	36383.47	36408.14	36432.82	36457.52
4259.0	36482.23	36506.95	36531.69	36556.44	36581.20	36605.97	36630.76	36655.56	36680.38	36705.21
4259.1	36730.05	36754.90	36779.77	36804.64	36829.54	36854.45	36879.36	36904.30	36929.24	36954.20
4259.2	36979.17	37004.16	37029.15	37054.16	37079.19	37104.22	37129.27	37154.34	37179.41	37204.50
4259.3	37229.60	37254.72	37279.85	37304.99	37330.14	37355.31	37380.49	37405.68	37430.89	37456.11
4259.4	37481.34	37506.59	37531.85	37557.12	37582.41	37607.70	37633.02	37658.34	37683.68	37709.03
4259.5	37734.39	37759.77	37785.16	37810.56	37835.98	37861.41	37886.85	37912.30	37937.77	37963.25
4259.6	37988.75	38014.25	38039.78	38065.31	38090.86	38116.42	38141.99	38167.57	38193.18	38218.79
4259.7	38244.41	38270.05	38295.70	38321.37	38347.04	38372.73	38398.44	38424.16	38449.88	38475.63
4259.8	38501.38	38527.15	38552.93	38578.73	38604.54	38630.36	38656.20	38682.04	38707.90	38733.78
4259.9	38759.66	38785.56	38811.48	38837.40	38863.34	38889.29	38915.26	38941.24	38967.23	38993.23
4260.0	39019.25	39045.28	39071.32	39097.38	39123.45	39149.54	39175.63	39201.74	39227.86	39254.00
4260.1	39280.15	39306.31	39332.48	39358.67	39384.87	39411.09	39437.31	39463.55	39489.80	39516.07
4260.2	39542.35	39568.64	39594.95	39621.27	39647.60	39673.94	39700.30	39726.67	39753.05	39779.45
4260.3	39805.86	39832.29	39858.72	39885.17	39911.63	39938.11	39964.60	39991.10	40017.61	40044.14
4260.4	40070.68	40097.23	40123.80	40150.38	40176.98	40203.58	40230.20	40256.83	40283.48	40310.14
4260.5	40336.81	40363.49	40390.19	40416.90	40443.62	40470.36	40497.11	40523.88	40550.65	40577.44
4260.6	40604.24	40631.06	40657.89	40684.73	40711.59	40738.45	40765.33	40792.23	40819.13	40846.05
4260.7	40872.99	40899.93	40926.89	40953.86	40980.85	41007.85	41034.86	41061.89	41088.92	41115.97
4260.8	41143.04	41170.11	41197.20	41224.31	41251.43	41278.55	41305.70	41332.85	41360.02	41387.20
4260.9	41414.40	41441.61	41468.82	41496.06	41523.30	41550.57	41577.84	41605.12	41632.43	41659.74
4261.0	41687.06	41714.40	41741.75	41769.12	41796.50	41823.89	41851.29	41878.71	41906.14	41933.58
4261.1	41961.04	41988.51	42015.99	42043.48	42071.00	42098.52	42126.05	42153.60	42181.16	42208.73
4261.2	42236.32	42263.92	42291.54	42319.16	42346.80	42374.45	42402.11	42429.80	42457.49	42485.19
4261.3	42512.91	42540.64	42568.39	42596.14	42623.91	42651.70	42679.49	42707.30	42735.12	42762.96
4261.4	42790.81	42818.67	42846.55	42874.43	42902.34	42930.25	42958.18	42986.11	43014.07	43042.04
4261.5	43070.02	43098.01	43126.02	43154.03	43182.07	43210.11	43238.17	43266.24	43294.32	43322.42
4261.6	43350.53	43378.65	43406.79	43434.94	43463.10	43491.27	43519.46	43547.67	43575.89	43604.11
4261.7	43632.35	43660.61	43688.88	43717.15	43745.45	43773.75	43802.07	43830.41	43858.75	43887.11
4261.8	43915.48	43943.86	43972.27	44000.68	44029.10	44057.54	44085.99	44114.45	44142.93	44171.42
4261.9	44199.92	44228.43	44256.95	44285.48	44314.02	44342.58	44371.14	44399.71	44428.30	44456.89
4262.0	44485.50	44514.11	44542.73	44571.36	44600.02	44628.67	44657.34	44686.01	44714.70	44743.39
4262.1	44772.10	44800.82	44829.55	44858.28	44887.02	44915.79	44944.55	44973.33	45002.12	45030.92
4262.2	45059.73	45088.55	45117.38	45146.22	45175.07	45203.93	45232.80	45261.68	45290.57	45319.48
4262.3	45348.39	45377.30	45406.24	45435.18	45464.14	45493.10	45522.07	45551.05	45580.05	45609.05
4262.4	45638.07	45667.09	45696.12	45725.17	45754.23	45783.30	45812.36	45841.45	45870.55	45899.66

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4262.5	45928.77	45957.90	45987.04	46016.19	46045.34	46074.51	46103.69	46132.89	46162.08	46191.29
4262.6	46220.51	46249.74	46278.98	46308.23	46337.49	46366.76	46396.05	46425.34	46454.64	46483.95
4262.7	46513.27	46542.60	46571.95	46601.30	46630.66	46660.04	46689.42	46718.81	46748.22	46777.64
4262.8	46807.06	46836.49	46865.94	46895.39	46924.86	46954.34	46983.82	47013.32	47042.83	47072.34
4262.9	47101.87	47131.41	47160.95	47190.52	47220.09	47249.66	47279.25	47308.85	47338.46	47368.08
4263.0	47397.71	47427.35	47457.00	47486.66	47516.34	47546.02	47575.70	47605.41	47635.12	47664.84
4263.1	47694.58	47724.32	47754.07	47783.84	47813.61	47843.39	47873.19	47903.00	47932.81	47962.64
4263.2	47992.47	48022.32	48052.17	48082.04	48111.91	48141.80	48171.70	48201.61	48231.52	48261.45
4263.3	48291.39	48321.34	48351.30	48381.27	48411.25	48441.23	48471.23	48501.24	48531.27	48561.30
4263.4	48591.34	48621.39	48651.45	48681.52	48711.60	48741.69	48771.80	48801.91	48832.03	48862.16
4263.5	48892.30	48922.46	48952.62	48982.80	49012.98	49043.18	49073.39	49103.60	49133.82	49164.06
4263.6	49194.30	49224.56	49254.83	49285.11	49315.39	49345.69	49376.00	49406.31	49436.64	49466.98
4263.7	49497.33	49527.69	49558.06	49588.44	49618.82	49649.23	49679.64	49710.05	49740.49	49770.93
4263.8	49801.38	49831.84	49862.31	49892.80	49923.29	49953.79	49984.30	50014.82	50045.36	50075.90
4263.9	50106.45	50137.02	50167.59	50198.18	50228.77	50259.38	50290.00	50320.62	50351.26	50381.90
4264.0	50412.56	50443.23	50473.90	50504.59	50535.29	50566.00	50596.71	50627.44	50658.18	50688.93
4264.1	50719.69	50750.45	50781.24	50812.02	50842.83	50873.64	50904.46	50935.29	50966.14	50996.98
4264.2	51027.84	51058.72	51089.60	51120.49	51151.39	51182.31	51213.23	51244.16	51275.11	51306.06
4264.3	51337.02	51368.00	51398.99	51429.98	51460.99	51492.00	51523.03	51554.07	51585.11	51616.17
4264.4	51647.23	51678.31	51709.40	51740.50	51771.61	51802.73	51833.86	51864.99	51896.14	51927.30
4264.5	51958.48	51989.65	52020.84	52052.05	52083.25	52114.48	52145.70	52176.95	52208.20	52239.46
4264.6	52270.73	52302.02	52333.31	52364.61	52395.93	52427.25	52458.58	52489.93	52521.28	52552.64
4264.7	52584.02	52615.41	52646.80	52678.20	52709.62	52741.05	52772.48	52803.93	52835.39	52866.86
4264.8	52898.33	52929.82	52961.32	52992.83	53024.35	53055.88	53087.41	53118.96	53150.52	53182.09
4264.9	53213.68	53245.27	53276.86	53308.48	53340.10	53371.73	53403.37	53435.02	53466.68	53498.36
4265.0	53530.04	53561.73	53593.44	53625.15	53656.88	53688.61	53720.35	53752.11	53783.87	53815.65
4265.1	53847.43	53879.23	53911.04	53942.85	53974.68	54006.52	54038.36	54070.22	54102.09	54133.96
4265.2	54165.85	54197.75	54229.66	54261.58	54293.51	54325.45	54357.40	54389.36	54421.33	54453.31
4265.3	54485.30	54517.30	54549.31	54581.33	54613.36	54645.41	54677.45	54709.52	54741.59	54773.68
4265.4	54805.77	54837.88	54869.99	54902.11	54934.25	54966.39	54998.55	55030.71	55062.89	55095.07
4265.5	55127.27	55159.48	55191.69	55223.92	55256.16	55288.40	55320.66	55352.93	55385.20	55417.49
4265.6	55449.80	55482.10	55514.42	55546.75	55579.09	55611.44	55643.80	55676.17	55708.55	55740.94
4265.7	55773.34	55805.75	55838.18	55870.61	55903.05	55935.50	55967.96	56000.44	56032.92	56065.42
4265.8	56097.92	56130.43	56162.95	56195.49	56228.04	56260.59	56293.16	56325.73	56358.32	56390.92
4265.9	56423.52	56456.14	56488.77	56521.43	56554.08	56586.75	56619.43	56652.13	56684.84	56717.56
4266.0	56750.30	56783.04	56815.80	56848.57	56881.35	56914.15	56946.95	56979.77	57012.61	57045.45
4266.1	57078.32	57111.19	57144.07	57176.96	57209.88	57242.80	57275.73	57308.68	57341.64	57374.61
4266.2	57407.59	57440.59	57473.60	57506.62	57539.66	57572.70	57605.76	57638.83	57671.92	57705.02
4266.3	57738.12	57771.25	57804.39	57837.53	57870.69	57903.86	57937.05	57970.25	58003.45	58036.68
4266.4	58069.91	58103.16	58136.42	58169.70	58202.98	58236.27	58269.59	58302.91	58336.25	58369.60

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4266.5	58402.95	58436.33	58469.71	58503.11	58536.52	58569.95	58603.39	58636.83	58670.30	58703.77
4266.6	58737.25	58770.75	58804.27	58837.79	58871.32	58904.88	58938.44	58972.01	59005.60	59039.20
4266.7	59072.81	59106.43	59140.07	59173.72	59207.39	59241.05	59274.74	59308.45	59342.16	59375.88
4266.8	59409.61	59443.36	59477.13	59510.91	59544.69	59578.49	59612.30	59646.14	59679.97	59713.82
4266.9	59747.68	59781.56	59815.45	59849.35	59883.26	59917.18	59951.12	59985.07	60019.04	60053.01
4267.0	60087.00	60121.00	60155.02	60189.05	60223.08	60257.14	60291.20	60325.27	60359.36	60393.46
4267.1	60427.57	60461.70	60495.84	60529.99	60564.16	60598.34	60632.52	60666.73	60700.94	60735.17
4267.2	60769.41	60803.66	60837.92	60872.20	60906.49	60940.80	60975.11	61009.43	61043.77	61078.12
4267.3	61112.49	61146.86	61181.26	61215.66	61250.08	61284.50	61318.95	61353.40	61387.86	61422.34
4267.4	61456.83	61491.34	61525.85	61560.38	61594.92	61629.48	61664.04	61698.61	61733.20	61767.81
4267.5	61802.43	61837.05	61871.70	61906.35	61941.02	61975.70	62010.39	62045.09	62079.81	62114.54
4267.6	62149.27	62184.03	62218.80	62253.58	62288.36	62323.17	62357.99	62392.82	62427.66	62462.52
4267.7	62497.39	62532.26	62567.16	62602.06	62636.98	62671.91	62706.85	62741.80	62776.77	62811.75
4267.8	62846.75	62881.75	62916.77	62951.80	62986.84	63021.89	63056.96	63092.05	63127.14	63162.24
4267.9	63197.36	63232.49	63267.64	63302.79	63337.95	63373.14	63408.33	63443.54	63478.76	63513.99
4268.0	63549.23	63584.49	63619.76	63655.04	63690.33	63725.64	63760.95	63796.29	63831.64	63866.99
4268.1	63902.36	63937.74	63973.14	64008.55	64043.96	64079.39	64114.84	64150.30	64185.77	64221.25
4268.2	64256.74	64292.25	64327.77	64363.30	64398.84	64434.40	64469.98	64505.55	64541.15	64576.76
4268.3	64612.38	64648.01	64683.66	64719.32	64754.98	64790.67	64826.36	64862.07	64897.80	64933.52
4268.4	64969.27	65005.03	65040.80	65076.58	65112.38	65148.19	65184.01	65219.84	65255.69	65291.55
4268.5	65327.42	65363.30	65399.20	65435.11	65471.03	65506.96	65542.91	65578.87	65614.84	65650.83
4268.6	65686.82	65722.83	65758.85	65794.89	65830.94	65866.99	65903.06	65939.15	65975.25	66011.36
4268.7	66047.48	66083.62	66119.77	66155.92	66192.09	66228.28	66264.48	66300.69	66336.91	66373.15
4268.8	66409.39	66445.66	66481.93	66518.21	66554.51	66590.82	66627.14	66663.48	66699.83	66736.19
4268.9	66772.56	66808.95	66845.34	66881.76	66918.18	66954.62	66991.06	67027.52	67064.00	67100.48
4269.0	67136.98	67173.50	67210.02	67246.55	67283.11	67319.67	67356.24	67392.83	67429.43	67466.04
4269.1	67502.66	67539.30	67575.95	67612.62	67649.29	67685.98	67722.67	67759.39	67796.11	67832.85
4269.2	67869.60	67906.36	67943.14	67979.92	68016.73	68053.54	68090.36	68127.20	68164.05	68200.91
4269.3	68237.79	68274.68	68311.58	68348.49	68385.41	68422.35	68459.30	68496.27	68533.24	68570.23
4269.4	68607.23	68644.25	68681.27	68718.31	68755.36	68792.43	68829.50	68866.59	68903.70	68940.80
4269.5	68977.93	69015.07	69052.23	69089.39	69126.56	69163.76	69200.95	69238.17	69275.40	69312.63
4269.6	69349.89	69387.16	69424.43	69461.72	69499.02	69536.34	69573.66	69611.01	69648.36	69685.72
4269.7	69723.10	69760.49	69797.89	69835.30	69872.73	69910.17	69947.62	69985.09	70022.57	70060.06
4269.8	70097.56	70135.08	70172.61	70210.15	70247.70	70285.27	70322.84	70360.44	70398.04	70435.66
4269.9	70473.28	70510.92	70548.58	70586.24	70623.91	70661.60	70699.30	70737.02	70774.73	70812.47
4270.0	70850.22	70887.98	70925.75	70963.53	71001.32	71039.13	71076.95	71114.78	71152.62	71190.48
4270.1	71228.34	71266.22	71304.10	71342.01	71379.92	71417.84	71455.78	71493.73	71531.69	71569.66
4270.2	71607.64	71645.64	71683.65	71721.66	71759.70	71797.74	71835.80	71873.87	71911.95	71950.03
4270.3	71988.13	72026.25	72064.38	72102.52	72140.66	72178.83	72217.00	72255.19	72293.38	72331.59
4270.4	72369.81	72408.05	72446.29	72484.55	72522.82	72561.09	72599.39	72637.70	72676.01	72714.34

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4270.5	72752.68	72791.03	72829.39	72867.77	72906.16	72944.55	72982.96	73021.38	73059.82	73098.27
4270.6	73136.73	73175.20	73213.68	73252.17	73290.68	73329.20	73367.73	73406.27	73444.82	73483.38
4270.7	73521.96	73560.55	73599.15	73637.77	73676.38	73715.02	73753.67	73792.33	73831.00	73869.69
4270.8	73908.38	73947.09	73985.80	74024.54	74063.28	74102.04	74140.80	74179.58	74218.38	74257.17
4270.9	74295.98	74334.81	74373.65	74412.50	74451.36	74490.23	74529.12	74568.02	74606.93	74645.84
4271.0	74684.78	74723.73	74762.68	74801.65	74840.62	74879.62	74918.62	74957.64	74996.66	75035.70
4271.1	75074.76	75113.82	75152.90	75191.98	75231.08	75270.19	75309.31	75348.45	75387.59	75426.75
4271.2	75465.92	75505.10	75544.30	75583.50	75622.72	75661.95	75701.19	75740.44	75779.70	75818.98
4271.3	75858.27	75897.57	75936.88	75976.20	76015.54	76054.89	76094.25	76133.62	76173.00	76212.40
4271.4	76251.80	76291.23	76330.66	76370.09	76409.55	76449.02	76488.49	76527.98	76567.48	76607.00
4271.5	76646.52	76686.06	76725.61	76765.17	76804.74	76844.33	76883.93	76923.54	76963.16	77002.79
4271.6	77042.43	77082.09	77121.76	77161.44	77201.12	77240.83	77280.55	77320.27	77360.01	77399.77
4271.7	77439.52	77479.30	77519.09	77558.88	77598.70	77638.52	77678.35	77718.20	77758.05	77797.92
4271.8	77837.80	77877.70	77917.60	77957.52	77997.45	78037.38	78077.34	78117.30	78157.28	78197.27
4271.9	78237.27	78277.28	78317.30	78357.34	78397.38	78437.45	78477.52	78517.59	78557.69	78597.80
4272.0	78637.91	78678.05	78718.19	78758.34	78798.51	78838.69	78878.88	78919.08	78959.29	78999.52
4272.1	79039.75	79080.00	79120.26	79160.53	79200.82	79241.12	79281.42	79321.74	79362.07	79402.41
4272.2	79442.77	79483.14	79523.52	79563.91	79604.31	79644.73	79685.16	79725.59	79766.04	79806.51
4272.3	79846.98	79887.46	79927.96	79968.47	80008.99	80049.52	80090.07	80130.63	80171.20	80211.78
4272.4	80252.38	80292.98	80333.59	80374.22	80414.86	80455.52	80496.18	80536.85	80577.54	80618.24
4272.5	80658.95	80699.67	80740.41	80781.16	80821.91	80862.68	80903.47	80944.26	80985.06	81025.88
4272.6	81066.71	81107.55	81148.41	81189.27	81230.15	81271.04	81311.94	81352.85	81393.78	81434.72
4272.7	81475.66	81516.62	81557.59	81598.58	81639.58	81680.59	81721.60	81762.63	81803.68	81844.73
4272.8	81885.80	81926.88	81967.97	82009.07	82050.19	82091.31	82132.45	82173.60	82214.76	82255.94
4272.9	82297.12	82338.32	82379.52	82420.75	82461.98	82503.23	82544.48	82585.75	82627.03	82668.32
4273.0	82709.62	82750.95	82792.27	82833.61	82874.96	82916.33	82957.70	82999.09	83040.48	83081.90
4273.1	83123.32	83164.76	83206.20	83247.66	83289.12	83330.61	83372.10	83413.61	83455.12	83496.66
4273.2	83538.20	83579.75	83621.31	83662.89	83704.48	83746.08	83787.70	83829.32	83870.95	83912.60
4273.3	83954.27	83995.94	84037.62	84079.31	84121.02	84162.74	84204.47	84246.21	84287.97	84329.73
4273.4	84371.52	84413.30	84455.10	84496.92	84538.74	84580.58	84622.43	84664.29	84706.16	84748.05
4273.5	84789.95	84831.86	84873.78	84915.71	84957.66	84999.61	85041.58	85083.55	85125.55	85167.55
4273.6	85209.57	85251.59	85293.63	85335.69	85377.75	85419.83	85461.91	85504.01	85546.12	85588.24
4273.7	85630.38	85672.52	85714.68	85756.85	85799.03	85841.23	85883.43	85925.65	85967.88	86010.12
4273.8	86052.37	86094.63	86136.91	86179.20	86221.50	86263.81	86306.13	86348.47	86390.82	86433.18
4273.9	86475.55	86517.94	86560.34	86602.74	86645.17	86687.61	86730.06	86772.52	86815.00	86857.49
4274.0	86899.99	86942.52	86985.04	87027.59	87070.14	87112.71	87155.30	87197.89	87240.50	87283.12
4274.1	87325.76	87368.41	87411.07	87453.75	87496.44	87539.14	87581.85	87624.58	87667.32	87710.08
4274.2	87752.84	87795.62	87838.42	87881.23	87924.05	87966.88	88009.73	88052.59	88095.46	88138.35
4274.3	88181.25	88224.16	88267.09	88310.03	88352.98	88395.95	88438.92	88481.91	88524.92	88567.94
4274.4	88610.98	88654.02	88697.08	88740.15	88783.23	88826.33	88869.44	88912.56	88955.70	88998.85

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

2013 AREA-CAPACITY TABLES (NGVD29)

4/15/2014

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4274.5	89042.02	89085.20	89128.38	89171.59	89214.80	89258.03	89301.27	89344.53	89387.80	89431.09
4274.6	89474.38	89517.69	89561.01	89604.34	89647.70	89691.05	89734.43	89777.82	89821.22	89864.63
4274.7	89908.06	89951.51	89994.96	90038.42	90081.91	90125.40	90168.91	90212.43	90255.96	90299.51
4274.8	90343.06	90386.64	90430.23	90473.83	90517.44	90561.06	90604.70	90648.35	90692.02	90735.70
4274.9	90779.39	90823.09	90866.81	90910.54	90954.29	90998.05	91041.81	91085.60	91129.40	91173.21
4275.0	91217.03	91260.87	91304.72	91348.58	91392.46	91436.34	91480.25	91524.16	91568.09	91612.04
4275.1	91655.99	91699.96	91743.95	91787.94	91831.95	91875.97	91920.01	91964.05	92008.11	92052.19
4275.2	92096.27	92140.38	92184.49	92228.62	92272.76	92316.91	92361.08	92405.26	92449.45	92493.66
4275.3	92537.88	92582.11	92626.36	92670.62	92714.89	92759.17	92803.47	92847.78	92892.11	92936.45
4275.4	92980.80	93025.16	93069.54	93113.93	93158.34	93202.75	93247.19	93291.62	93336.09	93380.55
4275.5	93425.04	93469.54	93514.05	93558.57	93603.10	93647.66	93692.22	93736.80	93781.38	93825.98
4275.6	93870.60	93915.23	93959.87	94004.52	94049.20	94093.88	94138.57	94183.28	94228.00	94272.73
4275.7	94317.48	94362.24	94407.02	94451.80	94496.60	94541.41	94586.24	94631.09	94675.94	94720.80
4275.8	94765.68	94810.57	94855.48	94900.40	94945.33	94990.27	95035.23	95080.20	95125.20	95170.19
4275.9	95215.20	95260.23	95305.27	95350.31	95395.38	95440.45	95485.55	95530.65	95575.77	95620.90
4276.0	95666.04	95711.20	95756.37	95801.55	95846.75	95891.95	95937.18	95982.41	96027.66	96072.92
4276.1	96118.20	96163.49	96208.79	96254.11	96299.44	96344.77	96390.13	96435.50	96480.88	96526.27
4276.2	96571.68	96617.10	96662.53	96707.98	96753.44	96798.91	96844.40	96889.90	96935.41	96980.94
4276.3	97026.48	97072.03	97117.59	97163.18	97208.77	97254.38	97299.99	97345.62	97391.27	97436.93
4276.4	97482.60	97528.28	97573.98	97619.69	97665.41	97711.15	97756.91	97802.66	97848.45	97894.23
4276.5	97940.04	97985.85	98031.68	98077.52	98123.38	98169.25	98215.13	98261.03	98306.94	98352.86
4276.6	98398.80	98444.74	98490.70	98536.68	98582.66	98628.67	98674.68	98720.71	98766.75	98812.80
4276.7	98858.88	98904.95	98951.05	98997.16	99043.27	99089.41	99135.55	99181.71	99227.88	99274.07
4276.8	99320.27	99366.48	99412.71	99458.95	99505.20	99551.46	99597.74	99644.03	99690.34	99736.66
4276.9	99782.98	99829.34	99875.69	99922.06	99968.45	100014.84	100061.25	100107.67	100154.11	100200.56
4277.0	100247.02	100293.50	100339.99	100386.49	100433.01	100479.54	100526.08	100572.64	100619.20	100665.79
4277.1	100712.38	100758.99	100805.61	100852.25	100898.90	100945.55	100992.23	101038.91	101085.62	101132.34
4277.2	101179.06	101225.80	101272.55	101319.32	101366.10	101412.89	101459.70	101506.52	101553.35	101600.20
4277.3	101647.05	101693.93	101740.81	101787.71	101834.62	101881.55	101928.48	101975.44	102022.41	102069.38
4277.4	102116.38	102163.38	102210.39	102257.42	102304.47	102351.52	102398.59	102445.68	102492.77	102539.88
4277.5	102587.01	102634.14	102681.30	102728.45	102775.63	102822.82	102870.02	102917.24	102964.47	103011.71
4277.6	103058.96	103106.23	103153.52	103200.80	103248.12	103295.44	103342.77	103390.12	103437.48	103484.85
4277.7	103532.24	103579.64	103627.05	103674.48	103721.92	103769.38	103816.84	103864.32	103911.81	103959.31
4277.8	104006.84	104054.37	104101.91	104149.47	104197.04	104244.62	104292.23	104339.84	104387.46	104435.10
4277.9	104482.75	104530.42	104578.11	104625.80	104673.52	104721.25	104769.00	104816.77	104864.55	104912.34
4278.0	104960.15	105007.98	105055.82	105103.68	105151.55	105199.45	105247.35	105295.27	105343.22	105391.17
4278.1	105439.14	105487.12	105535.13	105583.15	105631.18	105679.23	105727.30	105775.38	105823.48	105871.59
4278.2	105919.72	105967.87	106016.03	106064.20	106112.40	106160.61	106208.84	106257.07	106305.33	106353.60
4278.3	106401.89	106450.20	106498.52	106546.85	106595.20	106643.58	106691.96	106740.36	106788.77	106837.20
4278.4	106885.66	106934.12	106982.60	107031.09	107079.60	107128.13	107176.68	107225.23	107273.81	107322.40

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4278.5	107371.01	107419.63	107468.27	107516.92	107565.59	107614.28	107662.98	107711.70	107760.44	107809.19
4278.6	107857.95	107906.73	107955.53	108004.34	108053.18	108102.02	108150.88	108199.77	108248.66	108297.56
4278.7	108346.49	108395.43	108444.39	108493.36	108542.35	108591.35	108640.38	108689.41	108738.46	108787.53
4278.8	108836.62	108885.72	108934.84	108983.97	109033.12	109082.28	109131.46	109180.66	109229.87	109279.09
4278.9	109328.34	109377.59	109426.87	109476.16	109525.47	109574.79	109624.13	109673.48	109722.86	109772.24
4279.0	109821.65	109871.06	109920.50	109969.95	110019.41	110068.90	110118.40	110167.91	110217.44	110266.98
4279.1	110316.55	110366.12	110415.72	110465.33	110514.95	110564.59	110614.25	110663.92	110713.61	110763.32
4279.2	110813.04	110862.77	110912.53	110962.30	111012.08	111061.88	111111.70	111161.53	111211.38	111261.24
4279.3	111311.12	111361.02	111410.93	111460.86	111510.80	111560.76	111610.73	111660.73	111710.73	111760.76
4279.4	111810.80	111860.85	111910.92	111961.01	112011.11	112061.23	112111.37	112161.52	112211.68	112261.87
4279.5	112312.06	112362.27	112412.51	112462.75	112513.02	112563.29	112613.59	112663.90	112714.22	112764.56
4279.6	112814.92	112865.29	112915.68	112966.09	113016.51	113066.95	113117.40	113167.87	113218.35	113268.85
4279.7	113319.37	113369.90	113420.45	113471.02	113521.59	113572.19	113622.80	113673.43	113724.07	113774.73
4279.8	113825.41	113876.10	113926.80	113977.53	114028.27	114079.02	114129.80	114180.58	114231.38	114282.20
4279.9	114333.04	114383.89	114434.75	114485.63	114536.53	114587.45	114638.38	114689.33	114740.29	114791.27
4280.0	114842.26	114893.27	114944.30	114995.34	115046.39	115097.47	115148.55	115199.66	115250.78	115301.92
4280.1	115353.07	115404.24	115455.42	115506.62	115557.84	115609.08	115660.32	115711.59	115762.87	115814.16
4280.2	115865.48	115916.80	115968.15	116019.51	116070.88	116122.27	116173.68	116225.10	116276.55	116328.00
4280.3	116379.47	116430.96	116482.46	116533.98	116585.52	116637.06	116688.63	116740.21	116791.81	116843.43
4280.4	116895.05	116946.70	116998.37	117050.05	117101.73	117153.45	117205.17	117256.91	117308.67	117360.45
4280.5	117412.23	117464.04	117515.86	117567.70	117619.55	117671.42	117723.30	117775.20	117827.12	117879.05
4280.6	117931.00	117982.97	118034.95	118086.95	118138.95	118190.98	118243.03	118295.09	118347.16	118399.26
4280.7	118451.37	118503.48	118555.62	118607.78	118659.95	118712.14	118764.34	118816.56	118868.80	118921.05
4280.8	118973.31	119025.59	119077.90	119130.21	119182.54	119234.89	119287.25	119339.62	119392.02	119444.43
4280.9	119496.86	119549.30	119601.76	119654.23	119706.72	119759.23	119811.75	119864.28	119916.84	119969.41
4281.0	120021.99	120074.59	120127.21	120179.84	120232.49	120285.16	120337.84	120390.53	120443.24	120495.97
4281.1	120548.72	120601.48	120654.25	120707.05	120759.85	120812.67	120865.52	120918.37	120971.24	121024.12
4281.2	121077.03	121129.95	121182.88	121235.84	121288.80	121341.79	121394.79	121447.80	121500.83	121553.88
4281.3	121606.94	121660.02	121713.11	121766.22	121819.34	121872.49	121925.65	121978.82	122032.01	122085.22
4281.4	122138.44	122191.67	122244.93	122298.20	122351.48	122404.78	122458.10	122511.43	122564.78	122618.15
4281.5	122671.52	122724.92	122778.34	122831.77	122885.21	122938.67	122992.15	123045.63	123099.14	123152.67
4281.6	123206.21	123259.77	123313.34	123366.92	123420.52	123474.15	123527.78	123581.43	123635.10	123688.78
4281.7	123742.48	123796.20	123849.92	123903.67	123957.44	124011.21	124065.01	124118.82	124172.64	124226.48
4281.8	124280.34	124334.22	124388.11	124442.02	124495.94	124549.88	124603.83	124657.80	124711.78	124765.78
4281.9	124819.80	124873.82	124927.86	124981.91	125035.97	125090.04	125144.12	125198.21	125252.32	125306.44
4282.0	125360.56	125414.70	125468.85	125523.01	125577.18	125631.37	125685.56	125739.77	125793.98	125848.21
4282.1	125902.45	125956.70	126010.96	126065.23	126119.52	126173.81	126228.12	126282.44	126336.77	126391.11
4282.2	126445.46	126499.82	126554.20	126608.59	126662.98	126717.39	126771.80	126826.23	126880.68	126935.13
4282.3	126989.59	127044.07	127098.55	127153.05	127207.56	127262.09	127316.62	127371.16	127425.71	127480.28
4282.4	127534.85	127589.45	127644.04	127698.65	127753.27	127807.91	127862.55	127917.20	127971.87	128026.55

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ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4282.5	128081.23	128135.94	128190.65	128245.37	128300.10	128354.84	128409.60	128464.37	128519.15	128573.94
4282.6	128628.74	128683.55	128738.38	128793.21	128848.05	128902.91	128957.78	129012.66	129067.55	129122.45
4282.7	129177.37	129232.29	129287.23	129342.17	129397.13	129452.10	129507.09	129562.08	129617.08	129672.09
4282.8	129727.12	129782.16	129837.20	129892.27	129947.34	130002.41	130057.51	130112.61	130167.73	130222.85
4282.9	130277.99	130333.14	130388.30	130443.48	130498.66	130553.85	130609.05	130664.27	130719.50	130774.74
4283.0	130829.99	130885.25	130940.52	130995.81	131051.10	131106.41	131161.73	131217.06	131272.39	131327.75
4283.1	131383.11	131438.48	131493.88	131549.27	131604.67	131660.09	131715.52	131770.97	131826.42	131881.88
4283.2	131937.36	131992.84	132048.34	132103.84	132159.38	132214.91	132270.44	132326.00	132381.56	132437.14
4283.3	132492.72	132548.33	132603.94	132659.55	132715.19	132770.83	132826.48	132882.14	132937.83	132993.52
4283.4	133049.22	133104.92	133160.64	133216.38	133272.12	133327.88	133383.64	133439.42	133495.22	133551.02
4283.5	133606.83	133662.66	133718.48	133774.33	133830.19	133886.05	133941.94	133997.83	134053.72	134109.64
4283.6	134165.56	134221.50	134277.45	134333.41	134389.38	134445.36	134501.34	134557.34	134613.36	134669.39
4283.7	134725.42	134781.47	134837.53	134893.59	134949.69	135005.78	135061.88	135118.00	135174.12	135230.27
4283.8	135286.41	135342.56	135398.73	135454.92	135511.11	135567.31	135623.53	135679.77	135736.00	135792.25
4283.9	135848.52	135904.78	135961.06	136017.36	136073.67	136129.98	136186.31	136242.66	136299.00	136355.38
4284.0	136411.75	136468.12	136524.53	136580.94	136637.34	136693.78	136750.22	136806.67	136863.14	136919.61
4284.1	136976.09	137032.59	137089.11	137145.62	137202.16	137258.69	137315.25	137371.81	137428.39	137484.97
4284.2	137541.58	137598.19	137654.80	137711.44	137768.08	137824.73	137881.39	137938.08	137994.77	138051.47
4284.3	138108.17	138164.89	138221.62	138278.38	138335.12	138391.89	138448.67	138505.45	138562.27	138619.08
4284.4	138675.89	138732.73	138789.58	138846.44	138903.30	138960.17	139017.06	139073.97	139130.88	139187.81
4284.5	139244.73	139301.69	139358.64	139415.61	139472.59	139529.58	139586.59	139643.61	139700.62	139757.66
4284.6	139814.70	139871.77	139928.84	139985.92	140043.02	140100.11	140157.23	140214.36	140271.50	140328.64
4284.7	140385.80	140442.97	140500.16	140557.34	140614.55	140671.77	140729.00	140786.23	140843.48	140900.75
4284.8	140958.02	141015.30	141072.59	141129.91	141187.22	141244.55	141301.89	141359.23	141416.59	141473.97
4284.9	141531.36	141588.75	141646.16	141703.58	141761.00	141818.45	141875.91	141933.36	141990.84	142048.33
4285.0	142105.81	142163.33	142220.84	142278.38	142335.92	142393.47	142451.03	142508.61	142566.20	142623.80
4285.1	142681.41	142739.03	142796.66	142854.30	142911.95	142969.62	143027.30	143084.98	143142.69	143200.39
4285.2	143258.11	143315.84	143373.59	143431.34	143489.11	143546.89	143604.67	143662.48	143720.30	143778.11
4285.3	143835.95	143893.80	143951.64	144009.52	144067.39	144125.28	144183.19	144241.09	144299.02	144356.95
4285.4	144414.91	144472.86	144530.83	144588.81	144646.80	144704.80	144762.81	144820.84	144878.88	144936.92
4285.5	144994.98	145053.05	145111.12	145169.22	145227.33	145285.44	145343.56	145401.70	145459.84	145518.02
4285.6	145576.19	145634.36	145692.56	145750.77	145808.97	145867.20	145925.44	145983.69	146041.95	146100.22
4285.7	146158.50	146216.80	146275.11	146333.42	146391.75	146450.09	146508.44	146566.80	146625.17	146683.56
4285.8	146741.95	146800.36	146858.78	146917.20	146975.64	147034.09	147092.56	147151.03	147209.52	147268.02
4285.9	147326.52	147385.03	147443.56	147502.11	147560.66	147619.20	147677.78	147736.36	147794.94	147853.53
4286.0	147912.14	147970.77	148029.39	148088.03	148146.67	148205.33	148264.00	148322.67	148381.36	148440.06
4286.1	148498.77	148557.48	148616.22	148674.95	148733.70	148792.47	148851.23	148910.02	148968.80	149027.59
4286.2	149086.41	149145.22	149204.05	149262.89	149321.73	149380.59	149439.47	149498.34	149557.23	149616.12
4286.3	149675.05	149733.95	149792.89	149851.83	149910.78	149969.73	150028.70	150087.69	150146.67	150205.67
4286.4	150264.69	150323.70	150382.73	150441.77	150500.81	150559.88	150618.95	150678.03	150737.12	150796.22

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4286.5	150855.33	150914.45	150973.58	151032.72	151091.86	151151.03	151210.20	151269.38	151328.56	151387.77
4286.6	151446.98	151506.20	151565.42	151624.67	151683.92	151743.17	151802.45	151861.73	151921.02	151980.33
4286.7	152039.62	152098.95	152158.28	152217.62	152276.97	152336.33	152395.70	152455.09	152514.48	152573.88
4286.8	152633.30	152692.70	152752.14	152811.58	152871.03	152930.50	152989.97	153049.45	153108.94	153168.44
4286.9	153227.95	153287.47	153347.00	153406.55	153466.09	153525.66	153585.23	153644.81	153704.41	153764.00
4287.0	153823.62	153883.23	153942.88	154002.52	154062.17	154121.83	154181.50	154241.19	154300.88	154360.58
4287.1	154420.30	154480.02	154539.75	154599.48	154659.23	154719.00	154778.78	154838.56	154898.34	154958.16
4287.2	155017.97	155077.78	155137.62	155197.47	155257.31	155317.19	155377.05	155436.94	155496.83	155556.73
4287.3	155616.64	155676.56	155736.50	155796.45	155856.41	155916.36	155976.34	156036.31	156096.31	156156.31
4287.4	156216.33	156276.36	156336.39	156396.44	156456.48	156516.55	156576.62	156636.70	156696.80	156756.91
4287.5	156817.02	156877.14	156937.28	156997.42	157057.58	157117.73	157177.92	157238.09	157298.30	157358.50
4287.6	157418.72	157478.94	157539.17	157599.42	157659.67	157719.94	157780.20	157840.50	157900.80	157961.09
4287.7	158021.41	158081.73	158142.06	158202.41	158262.77	158323.14	158383.52	158443.89	158504.30	158564.69
4287.8	158625.11	158685.53	158745.97	158806.42	158866.88	158927.34	158987.81	159048.30	159108.80	159169.30
4287.9	159229.81	159290.34	159350.88	159411.42	159471.98	159532.55	159593.12	159653.70	159714.30	159774.91
4288.0	159835.53	159896.16	159956.78	160017.44	160078.09	160138.77	160199.44	160260.12	160320.81	160381.53
4288.1	160442.23	160502.97	160563.70	160624.45	160685.20	160745.97	160806.75	160867.53	160928.33	160989.14
4288.2	161049.95	161110.78	161171.62	161232.47	161293.33	161354.20	161415.08	161475.95	161536.86	161597.77
4288.3	161658.69	161719.61	161780.55	161841.50	161902.45	161963.42	162024.41	162085.39	162146.39	162207.39
4288.4	162268.41	162329.44	162390.47	162451.53	162512.58	162573.66	162634.73	162695.81	162756.92	162818.03
4288.5	162879.14	162940.27	163001.41	163062.56	163123.72	163184.89	163246.06	163307.25	163368.45	163429.66
4288.6	163490.88	163552.11	163613.34	163674.59	163735.86	163797.12	163858.41	163919.69	163980.98	164042.30
4288.7	164103.62	164164.95	164226.28	164287.64	164349.00	164410.36	164471.75	164533.14	164594.53	164655.94
4288.8	164717.36	164778.80	164840.23	164901.69	164963.14	165024.61	165086.09	165147.58	165209.08	165270.59
4288.9	165332.11	165393.64	165455.19	165516.73	165578.30	165639.86	165701.44	165763.03	165824.64	165886.25
4289.0	165947.86	166009.50	166071.14	166132.78	166194.45	166256.12	166317.80	166379.48	166441.19	166502.91
4289.1	166564.62	166626.36	166688.09	166749.84	166811.61	166873.38	166935.16	166996.95	167058.75	167120.56
4289.2	167182.39	167244.22	167306.06	167367.91	167429.77	167491.64	167553.53	167615.42	167677.31	167739.23
4289.3	167801.16	167863.08	167925.05	167986.98	168048.94	168110.91	168172.91	168234.91	168296.91	168358.91
4289.4	168420.92	168482.95	168545.00	168607.05	168669.09	168731.19	168793.27	168855.36	168917.45	168979.58
4289.5	169041.70	169103.81	169165.95	169228.12	169290.28	169352.45	169414.64	169476.84	169539.05	169601.23
4289.6	169663.48	169725.70	169787.95	169850.20	169912.45	169974.77	170037.05	170099.31	170161.62	170223.94
4289.7	170286.27	170348.59	170410.94	170473.30	170535.66	170598.05	170660.41	170722.81	170785.20	170847.62
4289.8	170910.05	170972.48	171034.92	171097.38	171159.84	171222.31	171284.80	171347.30	171409.80	171472.31
4289.9	171534.84	171597.38	171659.91	171722.45	171785.02	171847.59	171910.16	171972.77	172035.34	172097.94
4290.0	172160.55	172223.16	172285.78	172348.42	172411.06	172473.72	172536.38	172599.05	172661.72	172724.41
4290.1	172787.09	172849.80	172912.52	172975.23	173037.95	173100.70	173163.44	173226.20	173288.95	173351.73
4290.2	173414.52	173477.30	173540.09	173602.91	173665.72	173728.55	173791.36	173854.20	173917.05	173979.91
4290.3	174042.77	174105.64	174168.55	174231.42	174294.31	174357.22	174420.14	174483.06	174546.00	174608.94
4290.4	174671.91	174734.84	174797.81	174860.78	174923.77	174986.77	175049.77	175112.77	175175.78	175238.81

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NGVD29)

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THE CAPACITY TABLE IS IN ACRE FEET

THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4290.5	175301.84	175364.91	175427.94	175491.00	175554.08	175617.16	175680.23	175743.31	175806.44	175869.55
4290.6	175932.66	175995.80	176058.92	176122.08	176185.23	176248.41	176311.56	176374.73	176437.92	176501.12
4290.7	176564.31	176627.55	176690.77	176754.00	176817.23	176880.48	176943.73	177007.00	177070.28	177133.56
4290.8	177196.84	177260.16	177323.45	177386.78	177450.09	177513.44	177576.77	177640.12	177703.48	177766.84
4290.9	177830.22	177893.59	177957.00	178020.41	178083.81	178147.23	178210.66	178274.09	178337.55	178400.98
4291.0	178464.45	178527.92	178591.41	178654.88	178718.38	178781.88	178845.41	178908.91	178972.44	179035.98
4291.1	179099.52	179163.08	179226.64	179290.22	179353.80	179417.38	179480.98	179544.58	179608.20	179671.81
4291.2	179735.45	179799.09	179862.73	179926.41	179990.06	180053.73	180117.42	180181.09	180244.81	180308.52
4291.3	180372.23	180435.95	180499.69	180563.44	180627.19	180690.94	180754.70	180818.48	180882.27	180946.06
4291.4	181009.86	181073.69	181137.48	181201.31	181265.16	181329.00	181392.84	181456.70	181520.58	181584.45
4291.5	181648.34	181712.23	181776.14	181840.06	181903.98	181967.91	182031.84	182095.80	182159.77	182223.70
4291.6	182287.69	182351.66	182415.66	182479.64	182543.66	182607.69	182671.69	182735.72	182799.77	182863.81
4291.7	182927.88	182991.94	183056.00	183120.09	183184.19	183248.28	183312.41	183376.50	183440.62	183504.77
4291.8	183568.91	183633.06	183697.22	183761.41	183825.56	183889.77	183953.94	184018.14	184082.36	184146.58
4291.9	184210.80	184275.05	184339.28	184403.55	184467.80	184532.06	184596.34	184660.62	184724.92	184789.23
4292.0	184853.55	184917.86	184982.19	185046.55	185110.88	185175.23	185239.59	185303.95	185368.34	185432.73
4292.1	185497.14	185561.55	185625.95	185690.38	185754.81	185819.23	185883.70	185948.16	186012.62	186077.09
4292.2	186141.58	186206.08	186270.58	186335.08	186399.59	186464.12	186528.66	186593.20	186657.77	186722.31
4292.3	186786.88	186851.45	186916.05	186980.64	187045.23	187109.84	187174.45	187239.09	187303.73	187368.38
4292.4	187433.05	187497.69	187562.36	187627.05	187691.73	187756.42	187821.12	187885.84	187950.56	188015.30
4292.5	188080.05	188144.78	188209.55	188274.30	188339.08	188403.86	188468.64	188533.44	188598.23	188663.06
4292.6	188727.91	188792.72	188857.56	188922.41	188987.27	189052.14	189117.02	189181.91	189246.78	189311.69
4292.7	189376.59	189441.52	189506.44	189571.38	189636.31	189701.27	189766.23	189831.20	189896.19	189961.16
4292.8	190026.16	190091.16	190156.19	190221.19	190286.22	190351.23	190416.30	190481.36	190546.42	190611.48
4292.9	190676.56	190741.66	190806.77	190871.86	190936.95	191002.09	191067.22	191132.36	191197.50	191262.66
4293.0	191327.81	191393.00	191458.19	191523.38	191588.58	191653.78	191719.00	191784.22	191849.45	191914.69
4293.1	191979.94	192045.20	192110.45	192175.73	192241.05	192306.31	192371.62	192436.92	192502.23	192567.58
4293.2	192632.91	192698.23	192763.59	192828.95	192894.31	192959.70	193025.09	193090.48	193155.91	193221.31
4293.3	193286.72	193352.16	193417.59	193483.05	193548.48	193613.95	193679.42	193744.91	193810.41	193875.91
4293.4	193941.41	194006.91	194072.44	194137.95	194203.50	194269.05	194334.59	194400.19	194465.77	194531.31
4293.5	194596.92	194662.52	194728.12	194793.73	194859.36	194925.00	194990.64	195056.30	195121.95	195187.59
4293.6	195253.30	195318.95	195384.69	195450.38	195516.08	195581.80	195647.55	195713.27	195779.00	195844.77
4293.7	195910.52	195976.28	196042.06	196107.84	196173.64	196239.45	196305.27	196371.08	196436.91	196502.77
4293.8	196568.59	196634.45	196700.31	196766.19	196832.06	196897.95	196963.84	197029.77	197095.69	197161.59
4293.9	197227.55	197293.45	197359.42	197425.38	197491.34	197557.31	197623.30	197689.28	197755.28	197821.30
4294.0	197887.31	197953.34	198019.38	198085.42	198151.45	198217.55	198283.59	198349.69	198415.78	198481.88
4294.1	198547.95	198614.09	198680.20	198746.34	198812.48	198878.62	198944.78	199010.95	199077.12	199143.31
4294.2	199209.50	199275.70	199341.91	199408.12	199474.36	199540.59	199606.81	199673.09	199739.34	199805.59
4294.3	199871.91	199938.19	200004.48	200070.78	200137.09	200203.42	200269.77	200336.09	200402.44	200468.80
4294.4	200535.16	200601.55	200667.91	200734.31	200800.70	200867.09	200933.55	200999.95	201066.41	201132.81

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THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4294.5	201199.28	201265.77	201332.22	201398.69	201465.19	201531.69	201598.19	201664.69	201731.22	201797.77
4294.6	201864.28	201930.81	201997.41	202063.95	202130.55	202197.09	202263.70	202330.30	202396.91	202463.55
4294.7	202530.16	202596.78	202663.42	202730.08	202796.73	202863.41	202930.08	202996.77	203063.45	203130.19
4294.8	203196.88	203263.59	203330.31	203397.08	203463.81	203530.58	203597.34	203664.09	203730.91	203797.69
4294.9	203864.48	203931.30	203998.09	204064.94	204131.77	204198.59	204265.45	204332.31	204399.19	204466.06
4295.0	204532.95	204599.84	204666.77	204733.66	204800.58	204867.52	204934.45	205001.41	205068.34	205135.31
4295.1	205202.28	205269.27	205336.27	205403.23	205470.27	205537.28	205604.31	205671.34	205738.38	205805.44
4295.2	205872.48	205939.56	206006.64	206073.72	206140.81	206207.92	206275.05	206342.16	206409.28	206476.42
4295.3	206543.56	206610.72	206677.88	206745.05	206812.23	206879.42	206946.62	207013.81	207081.05	207148.27
4295.4	207215.50	207282.77	207350.00	207417.23	207484.52	207551.80	207619.08	207686.38	207753.69	207820.98
4295.5	207888.31	207955.64	208022.95	208090.31	208157.69	208225.05	208292.41	208359.80	208427.19	208494.58
4295.6	208561.98	208629.41	208696.81	208764.23	208831.70	208899.14	208966.59	209034.08	209101.55	209169.05
4295.7	209236.55	209304.05	209371.55	209439.06	209506.58	209574.12	209641.69	209709.22	209776.78	209844.36
4295.8	209911.94	209979.55	210047.12	210114.73	210182.34	210249.95	210317.59	210385.23	210452.91	210520.55
4295.9	210588.22	210655.91	210723.58	210791.27	210858.95	210926.69	210994.41	211062.12	211129.86	211197.59
4296.0	211265.36	211333.12	211400.91	211468.69	211536.45	211604.27	211672.06	211739.88	211807.70	211875.55
4296.1	211943.38	212011.22	212079.08	212146.95	212214.81	212282.70	212350.59	212418.50	212486.41	212554.31
4296.2	212622.23	212690.19	212758.14	212826.09	212894.05	212962.02	213030.00	213097.98	213165.98	213233.98
4296.3	213302.00	213370.05	213438.06	213506.09	213574.14	213642.20	213710.27	213778.34	213846.42	213914.52
4296.4	213982.62	214050.73	214118.84	214186.95	214255.09	214323.23	214391.41	214459.56	214527.73	214595.92
4296.5	214664.09	214732.30	214800.50	214868.72	214936.94	215005.19	215073.41	215141.66	215209.92	215278.19
4296.6	215346.45	215414.73	215483.05	215551.31	215619.64	215687.95	215756.28	215824.62	215892.95	215961.31
4296.7	216029.69	216098.05	216166.42	216234.81	216303.20	216371.59	216440.05	216508.45	216576.88	216645.31
4296.8	216713.77	216782.22	216850.69	216919.16	216987.64	217056.14	217124.64	217193.14	217261.66	217330.19