

RECLAMATION

Managing Water in the West

Carlsbad Project

New Mexico

Lake Sumner

Area and Capacity Tables

Vertical Datum: NAVD88



**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 North American Vertical Datum of 1988 (NAVD88)

2013 AREA-CAPACITY TABLES					
EQUATION NUMBER	ELEVATION BASE	CAPACITY BASE	COEFFICIENT A1(INTERCEPT)	COEFFICIENT A2(1ST TERM)	COEFFICIENT A3(2ND TERM)
1	4197.00	0	0.0000	0.0000	0.0017
2	4200.00	0	0.0150	0.0100	0.0037
3	4204.00	0	0.1150	0.0400	0.0300
4	4208.00	0	0.7550	0.2800	0.1163
5	4212.00	3	3.7350	1.2100	0.3487
6	4216.00	14	14.1550	4.0000	6.9088
7	4220.00	140	140.6950	59.2700	12.0550
8	4224.00	570	570.6550	155.7100	8.0112
9	4228.00	1321	1321.6750	219.8000	12.9675
10	4232.00	2408	2408.3549	323.5401	17.6837
11	4236.00	3985	3985.4551	465.0100	18.3850
12	4240.00	6139	6139.6552	612.0901	29.7262
13	4244.00	9063	9063.6346	849.9000	39.8638
14	4248.00	13101	13101.0546	1168.8101	47.6475
15	4252.00	18538	18538.6546	1549.9899	41.4938
16	4256.00	25402	25402.5154	1881.9404	55.5636
17	4260.00	33819	33819.2972	2326.4495	65.3951
18	4264.00	44171	44171.4176	2849.6101	51.3162
19	4268.00	56390	56390.9180	3260.1400	62.7612
20	4272.00	70435	70435.6553	3762.2308	59.2874
21	4276.00	86433	86433.1785	4236.5314	65.9871
22	4280.00	104435	104435.1016	4764.4309	79.5597
23	4284.00	124765	124765.7812	5400.9122	56.1617
24	4288.00	147268	147268.0135	5850.2113	50.2161
25	4292.00	171472	171472.3173	6251.9342	42.5962
26	4296.00	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 4,197.2 through 4,247.4 feet were computed from the 2013 survey data. The surface areas from elevation 4,248.0 through 4,299.0 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 North American Vertical Datum of 1988 (NAVD88) that is 1.88 feet higher than the project/construction (local) vertical datum and 2.11 feet higher than the National Geodetic Vertical Datum of 1929 (NGVD29).** The designed maximum lake water surface elevation in NAVD88 is 4,298.88 feet.

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LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

13:53:37

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.
4200	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
4210	1.	1.	1.	2.	3.	3.	4.	18.	32.	45.
4220	59.	83.	107.	132.	156.	172.	188.	204.	220.	246.
4230	272.	298.	324.	359.	394.	430.	465.	502.	539.	575.
4240	612.	672.	731.	790.	850.	930.	1009.	1089.	1169.	1264.
4250	1359.	1455.	1550.	1633.	1716.	1799.	1882.	1993.	2104.	2215.
4260	2326.	2457.	2588.	2719.	2850.	2952.	3055.	3158.	3260.	3386.
4270	3511.	3637.	3762.	3881.	3999.	4118.	4237.	4369.	4500.	4632.
4280	4764.	4924.	5083.	5242.	5401.	5513.	5626.	5738.	5850.	5951.
4290	6051.	6152.	6252.	6337.	6422.	6508.	6593.	6679.	6766.	6853.

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

10:56:38

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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4203	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4204	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4205	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
4206	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4207	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
4208	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5
4209	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
4210	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
4211	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2
4212	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
4213	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.5
4214	2.6	2.7	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.2
4215	3.3	3.4	3.4	3.5	3.6	3.7	3.7	3.8	3.9	3.9
4216	4.0	5.4	6.8	8.1	9.5	10.9	12.3	13.7	15.1	16.4
4217	17.8	19.2	20.6	22.0	23.3	24.7	26.1	27.5	28.9	30.3
4218	31.6	33.0	34.4	35.8	37.2	38.5	39.9	41.3	42.7	44.1
4219	45.5	46.8	48.2	49.6	51.0	52.4	53.7	55.1	56.5	57.9
4220	59.3	61.7	64.1	66.5	68.9	71.3	73.7	76.1	78.6	81.0
4221	83.4	85.8	88.2	90.6	93.0	95.4	97.8	100.3	102.7	105.1
4222	107.5	109.9	112.3	114.7	117.1	119.5	122.0	124.4	126.8	129.2
4223	131.6	134.0	136.4	138.8	141.2	143.7	146.1	148.5	150.9	153.3
4224	155.7	157.3	158.9	160.5	162.1	163.7	165.3	166.9	168.5	170.1
4225	171.7	173.3	174.9	176.5	178.1	179.7	181.3	182.9	184.6	186.2
4226	187.8	189.4	191.0	192.6	194.2	195.8	197.4	199.0	200.6	202.2
4227	203.8	205.4	207.0	208.6	210.2	211.8	213.4	215.0	216.6	218.2
4228	219.8	222.4	225.0	227.6	230.2	232.8	235.4	238.0	240.5	243.1
4229	245.7	248.3	250.9	253.5	256.1	258.7	261.3	263.9	266.5	269.1
4230	271.7	274.3	276.9	279.5	282.0	284.6	287.2	289.8	292.4	295.0
4231	297.6	300.2	302.8	305.4	308.0	310.6	313.2	315.8	318.4	320.9
4232	323.5	327.1	330.6	334.2	337.7	341.2	344.8	348.3	351.8	355.4
4233	358.9	362.4	366.0	369.5	373.1	376.6	380.1	383.7	387.2	390.7
4234	394.3	397.8	401.3	404.9	408.4	412.0	415.5	419.0	422.6	426.1

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

10:56:38

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
4235	429.6	433.2	436.7	440.3	443.8	447.3	450.9	454.4	457.9	461.5
4236	465.0	468.7	472.4	476.0	479.7	483.4	487.1	490.7	494.4	498.1
4237	501.8	505.5	509.1	512.8	516.5	520.2	523.8	527.5	531.2	534.9
4238	538.5	542.2	545.9	549.6	553.3	556.9	560.6	564.3	568.0	571.6
4239	575.3	579.0	582.7	586.4	590.0	593.7	597.4	601.1	604.7	608.4
4240	612.1	618.0	624.0	629.9	635.9	641.8	647.8	653.7	659.7	665.6
4241	671.5	677.5	683.4	689.4	695.3	701.3	707.2	713.2	719.1	725.0
4242	731.0	736.9	742.9	748.8	754.8	760.7	766.7	772.6	778.6	784.5
4243	790.4	796.4	802.3	808.3	814.2	820.2	826.1	832.1	838.0	844.0
4244	849.9	857.9	865.8	873.8	881.8	889.8	897.7	905.7	913.7	921.7
4245	929.6	937.6	945.6	953.5	961.5	969.5	977.5	985.4	993.4	1001.4
4246	1009.4	1017.3	1025.3	1033.3	1041.2	1049.2	1057.2	1065.2	1073.1	1081.1
4247	1089.1	1097.1	1105.0	1113.0	1121.0	1128.9	1136.9	1144.9	1152.9	1160.8
4248	1168.8	1178.3	1187.9	1197.4	1206.9	1216.5	1226.0	1235.5	1245.0	1254.6
4249	1264.1	1273.6	1283.2	1292.7	1302.2	1311.8	1321.3	1330.8	1340.3	1349.9
4250	1359.4	1368.9	1378.5	1388.0	1397.5	1407.0	1416.6	1426.1	1435.6	1445.2
4251	1454.7	1464.2	1473.8	1483.3	1492.8	1502.3	1511.9	1521.4	1530.9	1540.5
4252	1550.0	1558.3	1566.6	1574.9	1583.2	1591.5	1599.8	1608.1	1616.4	1624.7
4253	1633.0	1641.3	1649.6	1657.9	1666.2	1674.5	1682.8	1691.1	1699.4	1707.7
4254	1716.0	1724.3	1732.6	1740.9	1749.2	1757.5	1765.8	1774.1	1782.4	1790.7
4255	1799.0	1807.3	1815.6	1823.8	1832.1	1840.4	1848.7	1857.0	1865.3	1873.6
4256	1881.9	1893.1	1904.2	1915.3	1926.4	1937.5	1948.6	1959.7	1970.8	1982.0
4257	1993.1	2004.2	2015.3	2026.4	2037.5	2048.6	2059.7	2070.9	2082.0	2093.1
4258	2104.2	2115.3	2126.4	2137.5	2148.6	2159.8	2170.9	2182.0	2193.1	2204.2
4259	2215.3	2226.4	2237.5	2248.7	2259.8	2270.9	2282.0	2293.1	2304.2	2315.3
4260	2326.4	2339.5	2352.6	2365.7	2378.8	2391.8	2404.9	2418.0	2431.1	2444.2
4261	2457.2	2470.3	2483.4	2496.5	2509.6	2522.6	2535.7	2548.8	2561.9	2575.0
4262	2588.0	2601.1	2614.2	2627.3	2640.3	2653.4	2666.5	2679.6	2692.7	2705.7
4263	2718.8	2731.9	2745.0	2758.1	2771.1	2784.2	2797.3	2810.4	2823.5	2836.5
4264	2849.6	2859.9	2870.1	2880.4	2890.7	2900.9	2911.2	2921.5	2931.7	2942.0
4265	2952.2	2962.5	2972.8	2983.0	2993.3	3003.6	3013.8	3024.1	3034.3	3044.6
4266	3054.9	3065.1	3075.4	3085.7	3095.9	3106.2	3116.5	3126.7	3137.0	3147.2
4267	3157.5	3167.8	3178.0	3188.3	3198.6	3208.8	3219.1	3229.4	3239.6	3249.9
4268	3260.1	3272.7	3285.2	3297.8	3310.3	3322.9	3335.5	3348.0	3360.6	3373.1
4269	3385.7	3398.2	3410.8	3423.3	3435.9	3448.4	3461.0	3473.5	3486.1	3498.6
4270	3511.2	3523.7	3536.3	3548.8	3561.4	3573.9	3586.5	3599.1	3611.6	3624.2
4271	3636.7	3649.3	3661.8	3674.4	3686.9	3699.5	3712.0	3724.6	3737.1	3749.7
4272	3762.2	3774.1	3785.9	3797.8	3809.7	3821.5	3833.4	3845.2	3857.1	3868.9
4273	3880.8	3892.7	3904.5	3916.4	3928.2	3940.1	3952.0	3963.8	3975.7	3987.5
4274	3999.4	4011.2	4023.1	4035.0	4046.8	4058.7	4070.5	4082.4	4094.2	4106.1

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(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

10:56:38

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
4275	4118.0	4129.8	4141.7	4153.5	4165.4	4177.2	4189.1	4201.0	4212.8	4224.7
4276	4236.5	4249.7	4262.9	4276.1	4289.3	4302.5	4315.7	4328.9	4342.1	4355.3
4277	4368.5	4381.7	4394.9	4408.1	4421.3	4434.5	4447.7	4460.9	4474.1	4487.3
4278	4500.5	4513.7	4526.9	4540.1	4553.3	4566.5	4579.7	4592.9	4606.1	4619.3
4279	4632.5	4645.7	4658.8	4672.0	4685.2	4698.4	4711.6	4724.8	4738.0	4751.2
4280	4764.4	4780.3	4796.3	4812.2	4828.1	4844.0	4859.9	4875.8	4891.7	4907.6
4281	4923.6	4939.5	4955.4	4971.3	4987.2	5003.1	5019.0	5034.9	5050.8	5066.8
4282	5082.7	5098.6	5114.5	5130.4	5146.3	5162.2	5178.1	5194.1	5210.0	5225.9
4283	5241.8	5257.7	5273.6	5289.5	5305.4	5321.3	5337.3	5353.2	5369.1	5385.0
4284	5400.9	5412.1	5423.4	5434.6	5445.8	5457.1	5468.3	5479.5	5490.8	5502.0
4285	5513.2	5524.5	5535.7	5546.9	5558.2	5569.4	5580.6	5591.9	5603.1	5614.3
4286	5625.6	5636.8	5648.0	5659.3	5670.5	5681.7	5693.0	5704.2	5715.4	5726.6
4287	5737.9	5749.1	5760.3	5771.6	5782.8	5794.0	5805.3	5816.5	5827.7	5839.0
4288	5850.2	5860.3	5870.3	5880.3	5890.4	5900.4	5910.5	5920.5	5930.6	5940.6
4289	5950.6	5960.7	5970.7	5980.8	5990.8	6000.9	6010.9	6020.9	6031.0	6041.0
4290	6051.1	6061.1	6071.2	6081.2	6091.2	6101.3	6111.3	6121.4	6131.4	6141.5
4291	6151.5	6161.6	6171.6	6181.6	6191.7	6201.7	6211.8	6221.8	6231.9	6241.9
4292	6251.9	6260.5	6269.0	6277.5	6286.0	6294.5	6303.0	6311.6	6320.1	6328.6
4293	6337.1	6345.6	6354.2	6362.7	6371.2	6379.7	6388.2	6396.8	6405.3	6413.8
4294	6422.3	6430.8	6439.4	6447.9	6456.4	6464.9	6473.4	6482.0	6490.5	6499.0
4295	6507.5	6516.0	6524.5	6533.1	6541.6	6550.1	6558.6	6567.1	6575.7	6584.2
4296	6592.7	6601.4	6610.1	6618.7	6627.4	6636.1	6644.8	6653.4	6662.1	6670.8
4297	6679.5	6688.2	6696.8	6705.5	6714.2	6722.9	6731.5	6740.2	6748.9	6757.6
4298	6766.3	6774.9	6783.6	6792.3	6801.0	6809.6	6818.3	6827.0	6835.7	6844.3
4299	6853.0									

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

13:53:37

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.
4200	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.
4210	2.	3.	4.	5.	8.	11.	14.	25.	50.	88.
4220	141.	212.	307.	427.	571.	734.	914.	1110.	1322.	1554.
4230	1813.	2098.	2408.	2750.	3126.	3538.	3985.	4469.	4989.	5546.
4240	6140.	6781.	7483.	8243.	9064.	9953.	10923.	11972.	13101.	14318.
4250	15629.	17036.	18539.	20130.	21805.	23562.	25403.	27340.	29389.	31548.
4260	33819.	36211.	38734.	41387.	44171.	47072.	50076.	53182.	56391.	59714.
4270	63162.	66736.	70436.	74257.	78197.	82256.	86433.	90736.	95170.	99737.
4280	104435.	109279.	114282.	119444.	124766.	130223.	135792.	141474.	147268.	153168.
4290	159169.	165271.	171472.	177767.	184147.	190611.	197162.	203798.	210521.	217330.

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

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2013 AREA-CAPACITY TABLES (NAVD88)

10:56:38

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
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	0.1	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	0.1	0.1
4204	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
4205	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
4206	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
4207	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
4208	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
4209	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7
4210	1.8	1.9	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5
4211	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.6
4212	3.7	3.9	4.0	4.1	4.3	4.4	4.6	4.8	4.9	5.1
4213	5.3	5.5	5.7	5.9	6.1	6.3	6.6	6.8	7.0	7.3
4214	7.6	7.8	8.1	8.4	8.6	8.9	9.2	9.5	9.9	10.2
4215	10.5	10.8	11.2	11.5	11.9	12.2	12.6	13.0	13.4	13.8
4216	14.2	14.6	15.2	16.0	16.9	17.9	19.0	20.3	21.8	23.4
4217	25.1	26.9	28.9	31.0	33.3	35.7	38.2	40.9	43.7	46.7
4218	49.8	53.0	56.4	59.9	63.5	67.3	71.3	75.3	79.5	83.9
4219	88.3	92.9	97.7	102.6	107.6	112.8	118.1	123.5	129.1	134.8
4220	140.7	146.7	153.0	159.6	166.3	173.3	180.6	188.1	195.8	203.8
4221	212.0	220.5	229.2	238.1	247.3	256.7	266.4	276.3	286.4	296.8
4222	307.5	318.3	329.4	340.8	352.4	364.2	376.3	388.6	401.2	414.0
4223	427.0	440.3	453.8	467.6	481.6	495.8	510.3	525.0	540.0	555.2
4224	570.7	586.3	602.1	618.1	634.2	650.5	667.0	683.6	700.4	717.3
4225	734.4	751.6	769.0	786.6	804.4	822.2	840.3	858.5	876.9	895.4
4226	914.1	933.0	952.0	971.2	990.5	1010.0	1029.7	1049.5	1069.5	1089.6
4227	1109.9	1130.3	1151.0	1171.7	1192.7	1213.8	1235.0	1256.5	1278.0	1299.8
4228	1321.7	1343.8	1366.2	1388.8	1411.7	1434.8	1458.2	1481.9	1505.8	1530.0
4229	1554.4	1579.1	1604.1	1629.3	1654.8	1680.6	1706.6	1732.8	1759.3	1786.1
4230	1813.1	1840.4	1868.0	1895.8	1923.9	1952.2	1980.8	2009.7	2038.8	2068.2
4231	2097.8	2127.7	2157.8	2188.2	2218.9	2249.8	2281.0	2312.5	2344.2	2376.1
4232	2408.4	2440.9	2473.8	2507.0	2540.6	2574.5	2608.8	2643.5	2678.5	2713.9
4233	2749.6	2785.6	2822.1	2858.8	2896.0	2933.5	2971.3	3009.5	3048.0	3086.9
4234	3126.2	3165.8	3205.7	3246.0	3286.7	3327.7	3369.1	3410.8	3452.9	3495.3

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

10:56:38

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
4235	3538.1	3581.3	3624.8	3668.6	3712.8	3757.4	3802.3	3847.5	3893.2	3939.1
4236	3985.5	4032.1	4079.2	4126.6	4174.4	4222.6	4271.1	4320.0	4369.2	4418.9
4237	4468.9	4519.2	4569.9	4621.0	4672.5	4724.3	4776.5	4829.1	4882.0	4935.3
4238	4989.0	5043.1	5097.5	5152.2	5207.4	5262.9	5318.8	5375.0	5431.6	5488.6
4239	5546.0	5603.7	5661.7	5720.2	5779.0	5838.2	5897.8	5957.7	6018.0	6078.6
4240	6139.7	6201.2	6263.3	6326.0	6389.2	6453.1	6517.6	6582.7	6648.4	6714.6
4241	6781.5	6848.9	6917.0	6985.6	7054.8	7124.7	7195.1	7266.1	7337.7	7409.9
4242	7482.7	7556.1	7630.1	7704.7	7779.9	7855.7	7932.0	8009.0	8086.6	8164.7
4243	8243.5	8322.8	8402.7	8483.3	8564.4	8646.1	8728.4	8811.3	8894.8	8978.9
4244	9063.6	9149.0	9235.2	9322.2	9410.0	9498.6	9587.9	9678.1	9769.1	9860.8
4245	9953.4	10046.8	10140.9	10235.9	10331.6	10428.2	10525.5	10623.7	10722.6	10822.4
4246	10922.9	11024.2	11126.4	11229.3	11333.0	11437.5	11542.9	11649.0	11755.9	11863.6
4247	11972.1	12081.4	12191.5	12302.4	12414.1	12526.6	12639.9	12754.0	12868.9	12984.6
4248	13101.1	13218.4	13336.7	13456.0	13576.2	13697.4	13819.5	13942.6	14066.6	14191.6
4249	14317.5	14444.4	14572.2	14701.0	14830.8	14961.5	15093.1	15225.7	15359.3	15493.8
4250	15629.3	15765.7	15903.1	16041.4	16180.6	16320.9	16462.1	16604.2	16747.3	16891.3
4251	17036.3	17182.3	17329.2	17477.0	17625.8	17775.6	17926.3	18077.9	18230.6	18384.1
4252	18538.7	18694.1	18850.3	19007.4	19165.3	19324.0	19483.6	19644.0	19805.2	19967.3
4253	20130.1	20293.9	20458.4	20623.8	20790.0	20957.0	21124.9	21293.6	21463.1	21633.4
4254	21804.6	21976.6	22149.5	22323.1	22497.6	22673.0	22849.1	23026.1	23203.9	23382.6
4255	23562.1	23742.4	23923.5	24105.5	24288.3	24471.9	24656.4	24841.7	25027.8	25214.7
4256	25402.5	25591.3	25781.1	25972.1	26164.2	26357.4	26551.7	26747.1	26943.6	27141.3
4257	27340.0	27539.9	27740.9	27942.9	28146.1	28350.4	28555.9	28762.4	28970.0	29178.8
4258	29388.7	29599.6	29811.7	30024.9	30239.2	30454.6	30671.2	30888.8	31107.6	31327.4
4259	31548.4	31770.5	31993.7	32218.0	32443.4	32670.0	32897.6	33126.4	33356.2	33587.2
4260	33819.3	34052.6	34287.2	34523.1	34760.3	34998.9	35238.7	35479.9	35722.3	35966.1
4261	36211.1	36457.5	36705.2	36954.2	37204.5	37456.1	37709.0	37963.3	38218.8	38475.6
4262	38733.8	38993.2	39254.0	39516.1	39779.5	40044.1	40310.1	40577.4	40846.1	41116.0
4263	41387.2	41659.7	41933.6	42208.7	42485.2	42763.0	43042.0	43322.4	43604.1	43887.1
4264	44171.4	44456.9	44743.4	45030.9	45319.5	45609.1	45899.7	46191.3	46483.9	46777.6
4265	47072.3	47368.1	47664.8	47962.6	48261.5	48561.3	48862.2	49164.1	49467.0	49770.9
4266	50075.9	50381.9	50688.9	50997.0	51306.1	51616.2	51927.3	52239.5	52552.6	52866.9
4267	53182.1	53498.4	53815.6	54134.0	54453.3	54773.7	55095.1	55417.5	55740.9	56065.4
4268	56390.9	56717.6	57045.5	57374.6	57705.0	58036.7	58369.6	58703.8	59039.2	59375.9
4269	59713.8	60053.0	60393.5	60735.2	61078.1	61422.3	61767.8	62114.5	62462.5	62811.8
4270	63162.2	63514.0	63867.0	64221.2	64576.8	64933.5	65291.5	65650.8	66011.4	66373.1
4271	66736.2	67100.5	67466.0	67832.9	68200.9	68570.2	68940.8	69312.6	69685.7	70060.1
4272	70435.7	70812.5	71190.5	71569.7	71950.0	72331.6	72714.3	73098.3	73483.4	73869.7
4273	74257.2	74645.8	75035.7	75426.8	75819.0	76212.4	76607.0	77002.8	77399.8	77797.9
4274	78197.3	78597.8	78999.5	79402.4	79806.5	80211.8	80618.2	81025.9	81434.7	81844.7

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

10:56:38

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
4275	82255.9	82668.3	83081.9	83496.7	83912.6	84329.7	84748.0	85167.5	85588.2	86010.1
4276	86433.2	86857.5	87283.1	87710.1	88138.4	88567.9	88998.9	89431.1	89864.6	90299.5
4277	90735.7	91173.2	91612.0	92052.2	92493.7	92936.5	93380.5	93826.0	94272.7	94720.8
4278	95170.2	95620.9	96072.9	96526.3	96980.9	97436.9	97894.2	98352.9	98812.8	99274.1
4279	99736.7	100200.6	100665.8	101132.3	101600.2	102069.4	102539.9	103011.7	103484.9	103959.3
4280	104435.1	104912.3	105391.2	105871.6	106353.6	106837.2	107322.4	107809.2	108297.6	108787.5
4281	109279.1	109772.2	110267.0	110763.3	111261.2	111760.8	112261.9	112764.6	113268.9	113774.7
4282	114282.2	114791.3	115301.9	115814.2	116328.0	116843.4	117360.5	117879.0	118399.3	118921.0
4283	119444.4	119969.4	120496.0	121024.1	121553.9	122085.2	122618.1	123152.7	123688.8	124226.5
4284	124765.8	125306.4	125848.2	126391.1	126935.1	127480.3	128026.5	128573.9	129122.5	129672.1
4285	130222.9	130774.7	131327.8	131881.9	132437.1	132993.5	133551.0	134109.6	134669.4	135230.3
4286	135792.2	136355.4	136919.6	137485.0	138051.5	138619.1	139187.8	139757.7	140328.6	140900.8
4287	141474.0	142048.3	142623.8	143200.4	143778.1	144357.0	144936.9	145518.0	146100.2	146683.6
4288	147268.0	147853.5	148440.1	149027.6	149616.1	150205.7	150796.2	151387.8	151980.3	152573.9
4289	153168.4	153764.0	154360.6	154958.2	155556.7	156156.3	156756.9	157358.5	157961.1	158564.7
4290	159169.3	159774.9	160381.5	160989.1	161597.8	162207.4	162818.0	163429.7	164042.3	164655.9
4291	165270.6	165886.2	166502.9	167120.6	167739.2	168358.9	168979.6	169601.2	170223.9	170847.6
4292	171472.3	172097.9	172724.4	173351.7	173979.9	174608.9	175238.8	175869.5	176501.1	177133.6
4293	177766.8	178401.0	179036.0	179671.8	180308.5	180946.1	181584.5	182223.7	182863.8	183504.8
4294	184146.6	184789.2	185432.7	186077.1	186722.3	187368.4	188015.3	188663.1	189311.7	189961.2
4295	190611.5	191262.7	191914.7	192567.6	193221.3	193875.9	194531.3	195187.6	195844.8	196502.8
4296	197161.6	197821.3	198481.9	199143.3	199805.6	200468.8	201132.8	201797.8	202463.5	203130.2
4297	203797.7	204466.1	205135.3	205805.4	206476.4	207148.3	207821.0	208494.6	209169.0	209844.4
4298	210520.5	211197.6	211875.5	212554.3	213234.0	213914.5	214595.9	215278.2	215961.3	216645.3
4299	217330.2									

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4197.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4197.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4198.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4198.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4198.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4198.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4198.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4198.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4198.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4198.7	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
4198.8	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4198.9	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.4	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.6	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.7	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.8	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4199.9	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
4200.0	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4200.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4200.2	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4200.3	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4200.4	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4200.5	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4200.6	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
4200.7	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
4200.8	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4200.9	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4201.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4201.1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4201.2	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4201.3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
4201.4	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4201.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4201.6	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4201.7	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4201.8	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4201.9	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4202.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4202.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4202.2	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
4202.3	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
4202.4	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
4202.5	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07
4202.6	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
4202.7	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
4202.8	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08
4202.9	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
4203.0	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
4203.1	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09
4203.2	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
4203.3	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
4203.4	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10
4203.5	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
4203.6	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
4203.7	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11
4203.8	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
4203.9	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
4204.0	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
4204.1	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
4204.2	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
4204.3	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14
4204.4	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
4204.5	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15
4204.6	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16
4204.7	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17
4204.8	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
4204.9	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4205.0	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
4205.1	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.21
4205.2	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22
4205.3	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23
4205.4	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24
4205.5	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
4205.6	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27
4205.7	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28
4205.8	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30
4205.9	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31
4206.0	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33
4206.1	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.34	0.35
4206.2	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.36
4206.3	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38
4206.4	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.40	0.40	0.40
4206.5	0.40	0.40	0.41	0.41	0.41	0.41	0.41	0.42	0.42	0.42
4206.6	0.42	0.42	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44
4206.7	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.46	0.46	0.46
4206.8	0.46	0.46	0.47	0.47	0.47	0.47	0.47	0.48	0.48	0.48
4206.9	0.48	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.50
4207.0	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.53
4207.1	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.55	0.55
4207.2	0.55	0.55	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.57
4207.3	0.57	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.60
4207.4	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.62	0.62	0.62
4207.5	0.62	0.63	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.65
4207.6	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.67	0.67	0.67
4207.7	0.67	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.70
4207.8	0.70	0.70	0.71	0.71	0.71	0.71	0.72	0.72	0.72	0.72
4207.9	0.73	0.73	0.73	0.74	0.74	0.74	0.74	0.75	0.75	0.75
4208.0	0.75	0.76	0.76	0.76	0.77	0.77	0.77	0.78	0.78	0.78
4208.1	0.78	0.79	0.79	0.79	0.80	0.80	0.80	0.81	0.81	0.81
4208.2	0.82	0.82	0.82	0.83	0.83	0.83	0.84	0.84	0.84	0.85
4208.3	0.85	0.85	0.86	0.86	0.86	0.87	0.87	0.87	0.88	0.88
4208.4	0.89	0.89	0.89	0.90	0.90	0.90	0.91	0.91	0.92	0.92
4208.5	0.92	0.93	0.93	0.94	0.94	0.94	0.95	0.95	0.96	0.96
4208.6	0.96	0.97	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00
4208.7	1.01	1.01	1.02	1.02	1.03	1.03	1.03	1.04	1.04	1.05
4208.8	1.05	1.06	1.06	1.07	1.07	1.08	1.08	1.09	1.09	1.10
4208.9	1.10	1.11	1.11	1.12	1.12	1.13	1.13	1.14	1.14	1.15

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4209.0	1.15	1.16	1.16	1.17	1.17	1.18	1.18	1.19	1.19	1.20
4209.1	1.20	1.21	1.21	1.22	1.23	1.23	1.24	1.24	1.25	1.25
4209.2	1.26	1.26	1.27	1.28	1.28	1.29	1.29	1.30	1.30	1.31
4209.3	1.32	1.32	1.33	1.33	1.34	1.34	1.35	1.36	1.36	1.37
4209.4	1.37	1.38	1.39	1.39	1.40	1.41	1.41	1.42	1.42	1.43
4209.5	1.44	1.44	1.45	1.46	1.46	1.47	1.47	1.48	1.49	1.49
4209.6	1.50	1.51	1.51	1.52	1.53	1.53	1.54	1.55	1.55	1.56
4209.7	1.57	1.57	1.58	1.59	1.59	1.60	1.61	1.61	1.62	1.63
4209.8	1.64	1.64	1.65	1.66	1.66	1.67	1.68	1.69	1.69	1.70
4209.9	1.71	1.71	1.72	1.73	1.74	1.74	1.75	1.76	1.77	1.77
4210.0	1.78	1.79	1.79	1.80	1.81	1.82	1.83	1.83	1.84	1.85
4210.1	1.86	1.86	1.87	1.88	1.89	1.89	1.90	1.91	1.92	1.93
4210.2	1.93	1.94	1.95	1.96	1.97	1.97	1.98	1.99	2.00	2.01
4210.3	2.01	2.02	2.03	2.04	2.05	2.05	2.06	2.07	2.08	2.09
4210.4	2.10	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.16	2.17
4210.5	2.18	2.19	2.20	2.21	2.22	2.22	2.23	2.24	2.25	2.26
4210.6	2.27	2.28	2.29	2.30	2.30	2.31	2.32	2.33	2.34	2.35
4210.7	2.36	2.37	2.38	2.39	2.39	2.40	2.41	2.42	2.43	2.44
4210.8	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54
4210.9	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63
4211.0	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73
4211.1	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83
4211.2	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93
4211.3	2.94	2.96	2.97	2.98	2.99	3.00	3.01	3.02	3.03	3.04
4211.4	3.05	3.06	3.07	3.08	3.09	3.10	3.12	3.13	3.14	3.15
4211.5	3.16	3.17	3.18	3.19	3.20	3.21	3.23	3.24	3.25	3.26
4211.6	3.27	3.28	3.29	3.30	3.31	3.33	3.34	3.35	3.36	3.37
4211.7	3.38	3.39	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.49
4211.8	3.50	3.51	3.52	3.53	3.54	3.56	3.57	3.58	3.59	3.60
4211.9	3.62	3.63	3.64	3.65	3.66	3.67	3.69	3.70	3.71	3.72
4212.0	3.73	3.75	3.76	3.77	3.78	3.80	3.81	3.82	3.83	3.85
4212.1	3.86	3.87	3.89	3.90	3.91	3.92	3.94	3.95	3.96	3.98
4212.2	3.99	4.00	4.02	4.03	4.05	4.06	4.07	4.09	4.10	4.12
4212.3	4.13	4.14	4.16	4.17	4.19	4.20	4.22	4.23	4.25	4.26
4212.4	4.27	4.29	4.30	4.32	4.33	4.35	4.37	4.38	4.40	4.41
4212.5	4.43	4.44	4.46	4.47	4.49	4.51	4.52	4.54	4.55	4.57
4212.6	4.59	4.60	4.62	4.64	4.65	4.67	4.69	4.70	4.72	4.74
4212.7	4.75	4.77	4.79	4.80	4.82	4.84	4.86	4.87	4.89	4.91
4212.8	4.93	4.94	4.96	4.98	5.00	5.02	5.03	5.05	5.07	5.09
4212.9	5.11	5.12	5.14	5.16	5.18	5.20	5.22	5.24	5.26	5.27

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4213.0	5.29	5.31	5.33	5.35	5.37	5.39	5.41	5.43	5.45	5.47
4213.1	5.49	5.51	5.53	5.55	5.57	5.59	5.61	5.63	5.65	5.67
4213.2	5.69	5.71	5.73	5.75	5.77	5.79	5.81	5.83	5.86	5.88
4213.3	5.90	5.92	5.94	5.96	5.98	6.00	6.03	6.05	6.07	6.09
4213.4	6.11	6.13	6.16	6.18	6.20	6.22	6.24	6.27	6.29	6.31
4213.5	6.33	6.36	6.38	6.40	6.43	6.45	6.47	6.49	6.52	6.54
4213.6	6.56	6.59	6.61	6.63	6.66	6.68	6.70	6.73	6.75	6.78
4213.7	6.80	6.82	6.85	6.87	6.90	6.92	6.94	6.97	6.99	7.02
4213.8	7.04	7.07	7.09	7.12	7.14	7.17	7.19	7.22	7.24	7.27
4213.9	7.29	7.32	7.34	7.37	7.39	7.42	7.45	7.47	7.50	7.52
4214.0	7.55	7.58	7.60	7.63	7.65	7.68	7.71	7.73	7.76	7.79
4214.1	7.81	7.84	7.87	7.89	7.92	7.95	7.98	8.00	8.03	8.06
4214.2	8.08	8.11	8.14	8.17	8.20	8.22	8.25	8.28	8.31	8.33
4214.3	8.36	8.39	8.42	8.45	8.48	8.50	8.53	8.56	8.59	8.62
4214.4	8.65	8.68	8.71	8.73	8.76	8.79	8.82	8.85	8.88	8.91
4214.5	8.94	8.97	9.00	9.03	9.06	9.09	9.12	9.15	9.18	9.21
4214.6	9.24	9.27	9.30	9.33	9.36	9.39	9.42	9.45	9.48	9.51
4214.7	9.54	9.58	9.61	9.64	9.67	9.70	9.73	9.76	9.79	9.83
4214.8	9.86	9.89	9.92	9.95	9.98	10.02	10.05	10.08	10.11	10.14
4214.9	10.18	10.21	10.24	10.27	10.31	10.34	10.37	10.40	10.44	10.47
4215.0	10.50	10.54	10.57	10.60	10.64	10.67	10.70	10.74	10.77	10.80
4215.1	10.84	10.87	10.91	10.94	10.97	11.01	11.04	11.08	11.11	11.14
4215.2	11.18	11.21	11.25	11.28	11.32	11.35	11.39	11.42	11.46	11.49
4215.3	11.53	11.56	11.60	11.63	11.67	11.70	11.74	11.77	11.81	11.84
4215.4	11.88	11.92	11.95	11.99	12.02	12.06	12.10	12.13	12.17	12.21
4215.5	12.24	12.28	12.32	12.35	12.39	12.43	12.46	12.50	12.54	12.57
4215.6	12.61	12.65	12.69	12.72	12.76	12.80	12.84	12.87	12.91	12.95
4215.7	12.99	13.02	13.06	13.10	13.14	13.18	13.22	13.25	13.29	13.33
4215.8	13.37	13.41	13.45	13.49	13.52	13.56	13.60	13.64	13.68	13.72
4215.9	13.76	13.80	13.84	13.88	13.92	13.96	14.00	14.04	14.08	14.12
4216.0	14.15	14.20	14.24	14.28	14.33	14.37	14.42	14.47	14.52	14.57
4216.1	14.62	14.68	14.73	14.79	14.85	14.91	14.97	15.03	15.10	15.16
4216.2	15.23	15.30	15.37	15.44	15.51	15.59	15.66	15.74	15.82	15.90
4216.3	15.98	16.06	16.14	16.23	16.31	16.40	16.49	16.58	16.67	16.77
4216.4	16.86	16.96	17.05	17.15	17.25	17.35	17.46	17.56	17.67	17.77
4216.5	17.88	17.99	18.10	18.22	18.33	18.44	18.56	18.68	18.80	18.92
4216.6	19.04	19.17	19.29	19.42	19.54	19.67	19.80	19.94	20.07	20.20
4216.7	20.34	20.48	20.62	20.76	20.90	21.04	21.19	21.33	21.48	21.63
4216.8	21.78	21.93	22.08	22.23	22.39	22.55	22.70	22.86	23.03	23.19
4216.9	23.35	23.52	23.68	23.85	24.02	24.19	24.36	24.54	24.71	24.89

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4217.0	25.06	25.24	25.42	25.60	25.79	25.97	26.16	26.34	26.53	26.72
4217.1	26.91	27.11	27.30	27.50	27.69	27.89	28.09	28.29	28.49	28.70
4217.2	28.90	29.11	29.32	29.53	29.74	29.95	30.16	30.38	30.59	30.81
4217.3	31.03	31.25	31.47	31.70	31.92	32.15	32.37	32.60	32.83	33.06
4217.4	33.30	33.53	33.77	34.00	34.24	34.48	34.72	34.96	35.21	35.45
4217.5	35.70	35.95	36.20	36.45	36.70	36.95	37.21	37.46	37.72	37.98
4217.6	38.24	38.50	38.77	39.03	39.30	39.56	39.83	40.10	40.37	40.65
4217.7	40.92	41.20	41.47	41.75	42.03	42.31	42.60	42.88	43.16	43.45
4217.8	43.74	44.03	44.32	44.61	44.91	45.20	45.50	45.79	46.09	46.39
4217.9	46.70	47.00	47.30	47.61	47.92	48.23	48.54	48.85	49.16	49.47
4218.0	49.79	50.11	50.43	50.75	51.07	51.39	51.71	52.04	52.37	52.69
4218.1	53.02	53.35	53.69	54.02	54.35	54.69	55.03	55.37	55.71	56.05
4218.2	56.39	56.74	57.08	57.43	57.78	58.13	58.48	58.84	59.19	59.55
4218.3	59.90	60.26	60.62	60.98	61.34	61.71	62.07	62.44	62.81	63.18
4218.4	63.55	63.92	64.30	64.67	65.05	65.42	65.80	66.18	66.57	66.95
4218.5	67.33	67.72	68.11	68.50	68.89	69.28	69.67	70.07	70.46	70.86
4218.6	71.26	71.66	72.06	72.46	72.87	73.27	73.68	74.09	74.50	74.91
4218.7	75.32	75.73	76.15	76.57	76.98	77.40	77.82	78.25	78.67	79.09
4218.8	79.52	79.95	80.38	80.81	81.24	81.67	82.11	82.54	82.97	83.42
4218.9	83.86	84.30	84.74	85.19	85.63	86.08	86.53	86.98	87.43	87.88
4219.0	88.33	88.79	89.25	89.70	90.16	90.62	91.09	91.55	92.01	92.48
4219.1	92.95	93.42	93.89	94.36	94.83	95.31	95.78	96.26	96.74	97.22
4219.2	97.70	98.18	98.67	99.15	99.64	100.13	100.62	101.11	101.60	102.10
4219.3	102.59	103.09	103.59	104.09	104.59	105.09	105.59	106.10	106.60	107.11
4219.4	107.62	108.13	108.64	109.16	109.67	110.19	110.70	111.22	111.74	112.26
4219.5	112.79	113.31	113.84	114.36	114.89	115.42	115.95	116.49	117.02	117.56
4219.6	118.09	118.63	119.17	119.71	120.25	120.80	121.34	121.89	122.44	122.99
4219.7	123.54	124.09	124.64	125.20	125.75	126.31	126.87	127.43	127.99	128.55
4219.8	129.12	129.68	130.25	130.82	131.39	131.96	132.53	133.11	133.68	134.26
4219.9	134.84	135.42	136.00	136.58	137.16	137.75	138.34	138.92	139.51	140.10
4220.0	140.70	141.29	141.89	142.48	143.09	143.69	144.29	144.90	145.51	146.13
4220.1	146.74	147.36	147.98	148.60	149.23	149.86	150.49	151.12	151.75	152.39
4220.2	153.03	153.67	154.32	154.96	155.61	156.27	156.92	157.58	158.24	158.90
4220.3	159.56	160.23	160.90	161.57	162.24	162.92	163.59	164.28	164.96	165.64
4220.4	166.33	167.02	167.71	168.41	169.11	169.81	170.51	171.21	171.92	172.63
4220.5	173.34	174.06	174.78	175.49	176.22	176.94	177.67	178.40	179.13	179.86
4220.6	180.60	181.34	182.08	182.82	183.57	184.31	185.06	185.82	186.57	187.33
4220.7	188.09	188.85	189.62	190.39	191.16	191.93	192.70	193.48	194.26	195.04
4220.8	195.83	196.61	197.40	198.19	198.99	199.78	200.58	201.38	202.19	202.99
4220.9	203.80	204.61	205.43	206.24	207.06	207.88	208.70	209.53	210.36	211.19

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4221.0	212.02	212.86	213.69	214.53	215.37	216.22	217.07	217.92	218.77	219.62
4221.1	220.48	221.34	222.20	223.06	223.93	224.80	225.67	226.54	227.42	228.30
4221.2	229.18	230.06	230.95	231.84	232.73	233.62	234.51	235.41	236.31	237.21
4221.3	238.12	239.03	239.94	240.85	241.76	242.68	243.60	244.52	245.45	246.37
4221.4	247.30	248.23	249.17	250.10	251.04	251.98	252.93	253.87	254.82	255.77
4221.5	256.72	257.68	258.64	259.60	260.56	261.53	262.49	263.46	264.44	265.41
4221.6	266.39	267.37	268.35	269.33	270.32	271.31	272.30	273.30	274.29	275.29
4221.7	276.29	277.30	278.30	279.31	280.32	281.34	282.35	283.37	284.39	285.41
4221.8	286.44	287.47	288.50	289.53	290.57	291.60	292.64	293.69	294.73	295.78
4221.9	296.83	297.88	298.93	299.99	301.05	302.11	303.17	304.24	305.31	306.38
4222.0	307.46	308.53	309.61	310.69	311.77	312.86	313.95	315.04	316.13	317.23
4222.1	318.32	319.42	320.53	321.63	322.74	323.85	324.96	326.08	327.19	328.31
4222.2	329.44	330.56	331.69	332.82	333.95	335.08	336.22	337.36	338.50	339.64
4222.3	340.79	341.94	343.09	344.24	345.40	346.55	347.71	348.88	350.04	351.21
4222.4	352.38	353.55	354.73	355.90	357.08	358.27	359.45	360.64	361.83	363.02
4222.5	364.21	365.41	366.61	367.81	369.01	370.22	371.43	372.64	373.85	375.07
4222.6	376.29	377.51	378.73	379.96	381.19	382.42	383.65	384.88	386.12	387.36
4222.7	388.60	389.85	391.10	392.35	393.60	394.85	396.11	397.37	398.63	399.90
4222.8	401.16	402.43	403.70	404.98	406.25	407.53	408.81	410.10	411.38	412.67
4222.9	413.96	415.25	416.55	417.85	419.15	420.45	421.76	423.06	424.37	425.69
4223.0	427.00	428.32	429.64	430.96	432.28	433.61	434.94	436.27	437.61	438.94
4223.1	440.28	441.62	442.97	444.31	445.66	447.01	448.36	449.72	451.08	452.44
4223.2	453.80	455.17	456.54	457.91	459.28	460.65	462.03	463.41	464.79	466.18
4223.3	467.56	468.95	470.35	471.74	473.14	474.54	475.94	477.34	478.75	480.16
4223.4	481.57	482.98	484.40	485.82	487.24	488.66	490.09	491.51	492.95	494.38
4223.5	495.81	497.25	498.69	500.13	501.58	503.03	504.48	505.93	507.38	508.84
4223.6	510.30	511.76	513.23	514.69	516.16	517.63	519.11	520.58	522.06	523.54
4223.7	525.03	526.51	528.00	529.49	530.99	532.48	533.98	535.48	536.98	538.49
4223.8	540.00	541.51	543.02	544.53	546.05	547.57	549.09	550.62	552.14	553.67
4223.9	555.20	556.74	558.28	559.81	561.36	562.90	564.45	565.99	567.55	569.10
4224.0	570.66	572.21	573.77	575.33	576.90	578.46	580.03	581.59	583.16	584.73
4224.1	586.31	587.88	589.46	591.03	592.61	594.19	595.77	597.36	598.94	600.53
4224.2	602.12	603.71	605.30	606.89	608.49	610.08	611.68	613.28	614.88	616.48
4224.3	618.09	619.70	621.30	622.91	624.52	626.13	627.75	629.36	630.98	632.60
4224.4	634.22	635.84	637.47	639.09	640.72	642.35	643.98	645.61	647.24	648.88
4224.5	650.51	652.15	653.79	655.43	657.07	658.72	660.36	662.01	663.66	665.31
4224.6	666.97	668.62	670.27	671.93	673.59	675.25	676.91	678.58	680.24	681.91
4224.7	683.58	685.25	686.92	688.59	690.27	691.94	693.62	695.30	696.98	698.67
4224.8	700.35	702.04	703.72	705.41	707.10	708.80	710.49	712.19	713.88	715.58
4224.9	717.28	718.99	720.69	722.39	724.10	725.81	727.52	729.23	730.94	732.66

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4225.0	734.38	736.09	737.81	739.54	741.26	742.98	744.71	746.44	748.17	749.90
4225.1	751.63	753.36	755.10	756.84	758.58	760.32	762.06	763.80	765.55	767.29
4225.2	769.04	770.79	772.55	774.30	776.05	777.81	779.57	781.33	783.09	784.85
4225.3	786.62	788.38	790.15	791.92	793.69	795.46	797.24	799.01	800.79	802.57
4225.4	804.35	806.13	807.92	809.70	811.49	813.28	815.07	816.86	818.65	820.45
4225.5	822.25	824.04	825.84	827.64	829.45	831.25	833.06	834.87	836.68	838.49
4225.6	840.30	842.11	843.93	845.75	847.57	849.39	851.21	853.03	854.86	856.69
4225.7	858.51	860.34	862.18	864.01	865.85	867.68	869.52	871.36	873.20	875.04
4225.8	876.89	878.74	880.58	882.43	884.28	886.14	887.99	889.85	891.70	893.56
4225.9	895.42	897.29	899.15	901.02	902.88	904.75	906.62	908.49	910.37	912.24
4226.0	914.12	916.00	917.88	919.76	921.64	923.53	925.41	927.30	929.19	931.08
4226.1	932.98	934.87	936.77	938.66	940.56	942.46	944.37	946.27	948.18	950.08
4226.2	951.99	953.90	955.81	957.73	959.64	961.56	963.48	965.40	967.32	969.24
4226.3	971.17	973.09	975.02	976.95	978.88	980.82	982.75	984.69	986.62	988.56
4226.4	990.50	992.45	994.39	996.34	998.28	1000.23	1002.18	1004.13	1006.09	1008.04
4226.5	1010.00	1011.96	1013.92	1015.88	1017.84	1019.81	1021.78	1023.74	1025.71	1027.68
4226.6	1029.66	1031.63	1033.61	1035.59	1037.56	1039.55	1041.53	1043.51	1045.50	1047.49
4226.7	1049.47	1051.46	1053.46	1055.45	1057.45	1059.44	1061.44	1063.44	1065.44	1067.45
4226.8	1069.45	1071.46	1073.47	1075.48	1077.49	1079.50	1081.51	1083.53	1085.55	1087.57
4226.9	1089.59	1091.61	1093.64	1095.66	1097.69	1099.72	1101.75	1103.78	1105.81	1107.85
4227.0	1109.89	1111.92	1113.96	1116.01	1118.05	1120.10	1122.14	1124.19	1126.24	1128.29
4227.1	1130.34	1132.40	1134.45	1136.51	1138.57	1140.63	1142.70	1144.76	1146.83	1148.89
4227.2	1150.96	1153.03	1155.11	1157.18	1159.25	1161.33	1163.41	1165.49	1167.57	1169.66
4227.3	1171.74	1173.83	1175.92	1178.01	1180.10	1182.19	1184.28	1186.38	1188.48	1190.58
4227.4	1192.68	1194.78	1196.89	1198.99	1201.10	1203.21	1205.32	1207.43	1209.55	1211.66
4227.5	1213.78	1215.90	1218.02	1220.14	1222.26	1224.39	1226.51	1228.64	1230.77	1232.90
4227.6	1235.04	1237.17	1239.31	1241.45	1243.59	1245.73	1247.87	1250.01	1252.16	1254.31
4227.7	1256.46	1258.61	1260.76	1262.91	1265.07	1267.23	1269.38	1271.54	1273.71	1275.87
4227.8	1278.04	1280.20	1282.37	1284.54	1286.71	1288.89	1291.06	1293.24	1295.41	1297.59
4227.9	1299.78	1301.96	1304.14	1306.33	1308.52	1310.71	1312.90	1315.09	1317.28	1319.48
4228.0	1321.68	1323.87	1326.08	1328.28	1330.49	1332.70	1334.91	1337.12	1339.34	1341.56
4228.1	1343.78	1346.01	1348.24	1350.47	1352.70	1354.94	1357.18	1359.42	1361.66	1363.91
4228.2	1366.15	1368.40	1370.66	1372.92	1375.17	1377.44	1379.70	1381.97	1384.24	1386.51
4228.3	1388.78	1391.06	1393.34	1395.62	1397.91	1400.19	1402.48	1404.78	1407.07	1409.37
4228.4	1411.67	1413.97	1416.28	1418.59	1420.90	1423.21	1425.53	1427.85	1430.17	1432.49
4228.5	1434.82	1437.15	1439.48	1441.81	1444.15	1446.49	1448.83	1451.17	1453.52	1455.87
4228.6	1458.22	1460.58	1462.94	1465.30	1467.66	1470.02	1472.39	1474.76	1477.14	1479.51
4228.7	1481.89	1484.27	1486.65	1489.04	1491.43	1493.82	1496.21	1498.61	1501.01	1503.41
4228.8	1505.81	1508.22	1510.63	1513.04	1515.46	1517.87	1520.29	1522.72	1525.14	1527.57
4228.9	1530.00	1532.43	1534.87	1537.30	1539.75	1542.19	1544.63	1547.08	1549.53	1551.99

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4229.0	1554.44	1556.90	1559.36	1561.83	1564.29	1566.76	1569.23	1571.71	1574.18	1576.66
4229.1	1579.15	1581.63	1584.12	1586.61	1589.10	1591.59	1594.09	1596.59	1599.09	1601.60
4229.2	1604.11	1606.62	1609.13	1611.65	1614.17	1616.69	1619.21	1621.74	1624.27	1626.80
4229.3	1629.33	1631.87	1634.41	1636.95	1639.49	1642.04	1644.59	1647.14	1649.69	1652.25
4229.4	1654.81	1657.37	1659.94	1662.51	1665.08	1667.65	1670.22	1672.80	1675.38	1677.97
4229.5	1680.55	1683.14	1685.73	1688.32	1690.92	1693.52	1696.12	1698.72	1701.33	1703.94
4229.6	1706.55	1709.17	1711.78	1714.40	1717.02	1719.65	1722.28	1724.91	1727.54	1730.17
4229.7	1732.81	1735.45	1738.09	1740.74	1743.39	1746.04	1748.69	1751.35	1754.01	1756.67
4229.8	1759.33	1762.00	1764.66	1767.34	1770.01	1772.69	1775.37	1778.05	1780.73	1783.42
4229.9	1786.11	1788.80	1791.49	1794.19	1796.89	1799.59	1802.30	1805.01	1807.72	1810.43
4230.0	1813.15	1815.86	1818.58	1821.31	1824.03	1826.76	1829.49	1832.23	1834.96	1837.70
4230.1	1840.44	1843.19	1845.93	1848.68	1851.43	1854.19	1856.94	1859.70	1862.47	1865.23
4230.2	1868.00	1870.77	1873.54	1876.32	1879.09	1881.87	1884.66	1887.44	1890.23	1893.02
4230.3	1895.81	1898.61	1901.41	1904.21	1907.01	1909.82	1912.63	1915.44	1918.25	1921.07
4230.4	1923.89	1926.71	1929.53	1932.36	1935.19	1938.02	1940.86	1943.69	1946.53	1949.38
4230.5	1952.22	1955.07	1957.92	1960.77	1963.63	1966.49	1969.35	1972.21	1975.08	1977.94
4230.6	1980.82	1983.69	1986.57	1989.44	1992.33	1995.21	1998.10	2000.99	2003.88	2006.77
4230.7	2009.67	2012.57	2015.47	2018.37	2021.28	2024.19	2027.10	2030.02	2032.94	2035.86
4230.8	2038.78	2041.71	2044.63	2047.56	2050.50	2053.43	2056.37	2059.31	2062.26	2065.20
4230.9	2068.15	2071.10	2074.06	2077.01	2079.97	2082.93	2085.90	2088.87	2091.84	2094.81
4231.0	2097.78	2100.76	2103.74	2106.72	2109.71	2112.70	2115.69	2118.68	2121.67	2124.67
4231.1	2127.67	2130.68	2133.68	2136.69	2139.70	2142.72	2145.73	2148.75	2151.77	2154.80
4231.2	2157.82	2160.85	2163.88	2166.92	2169.95	2172.99	2176.04	2179.08	2182.13	2185.18
4231.3	2188.23	2191.29	2194.34	2197.40	2200.47	2203.53	2206.60	2209.67	2212.74	2215.82
4231.4	2218.90	2221.98	2225.06	2228.15	2231.24	2234.33	2237.42	2240.52	2243.62	2246.72
4231.5	2249.83	2252.93	2256.04	2259.16	2262.27	2265.39	2268.51	2271.63	2274.76	2277.88
4231.6	2281.01	2284.15	2287.28	2290.42	2293.56	2296.70	2299.85	2303.00	2306.15	2309.30
4231.7	2312.46	2315.62	2318.78	2321.94	2325.11	2328.28	2331.45	2334.63	2337.80	2340.98
4231.8	2344.17	2347.35	2350.54	2353.73	2356.92	2360.12	2363.31	2366.51	2369.72	2372.92
4231.9	2376.13	2379.34	2382.55	2385.77	2388.99	2392.21	2395.43	2398.66	2401.89	2405.12
4232.0	2408.35	2411.59	2414.83	2418.08	2421.32	2424.58	2427.83	2431.09	2434.35	2437.62
4232.1	2440.89	2444.16	2447.43	2450.71	2454.00	2457.28	2460.57	2463.87	2467.17	2470.47
4232.2	2473.77	2477.08	2480.39	2483.70	2487.02	2490.35	2493.67	2497.00	2500.33	2503.67
4232.3	2507.01	2510.35	2513.70	2517.05	2520.40	2523.76	2527.12	2530.49	2533.85	2537.23
4232.4	2540.60	2543.98	2547.36	2550.75	2554.14	2557.53	2560.93	2564.33	2567.73	2571.14
4232.5	2574.55	2577.96	2581.38	2584.80	2588.22	2591.65	2595.08	2598.52	2601.96	2605.40
4232.6	2608.85	2612.29	2615.75	2619.20	2622.66	2626.13	2629.59	2633.06	2636.54	2640.02
4232.7	2643.50	2646.98	2650.47	2653.96	2657.46	2660.96	2664.46	2667.97	2671.48	2674.99
4232.8	2678.50	2682.02	2685.55	2689.08	2692.61	2696.14	2699.68	2703.22	2706.76	2710.31
4232.9	2713.86	2717.42	2720.98	2724.54	2728.11	2731.68	2735.25	2738.83	2742.41	2745.99

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4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

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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
4233.0	2749.58	2753.17	2756.76	2760.36	2763.96	2767.57	2771.18	2774.79	2778.40	2782.02
4233.1	2785.65	2789.27	2792.90	2796.54	2800.17	2803.81	2807.46	2811.10	2814.75	2818.41
4233.2	2822.07	2825.73	2829.39	2833.06	2836.74	2840.41	2844.09	2847.77	2851.46	2855.15
4233.3	2858.84	2862.54	2866.24	2869.94	2873.65	2877.36	2881.08	2884.80	2888.52	2892.24
4233.4	2895.97	2899.70	2903.44	2907.18	2910.92	2914.67	2918.42	2922.17	2925.93	2929.69
4233.5	2933.45	2937.22	2940.99	2944.77	2948.55	2952.33	2956.11	2959.90	2963.69	2967.49
4233.6	2971.29	2975.09	2978.90	2982.71	2986.52	2990.34	2994.16	2997.99	3001.81	3005.64
4233.7	3009.48	3013.32	3017.16	3021.00	3024.85	3028.71	3032.56	3036.42	3040.29	3044.15
4233.8	3048.02	3051.90	3055.77	3059.65	3063.54	3067.43	3071.32	3075.21	3079.11	3083.01
4233.9	3086.92	3090.83	3094.74	3098.66	3102.58	3106.50	3110.43	3114.36	3118.29	3122.23
4234.0	3126.17	3130.11	3134.06	3138.01	3141.97	3145.93	3149.89	3153.86	3157.83	3161.80
4234.1	3165.77	3169.75	3173.74	3177.72	3181.72	3185.71	3189.71	3193.71	3197.71	3201.72
4234.2	3205.73	3209.75	3213.77	3217.79	3221.81	3225.84	3229.88	3233.91	3237.95	3242.00
4234.3	3246.04	3250.09	3254.15	3258.21	3262.27	3266.33	3270.40	3274.47	3278.55	3282.63
4234.4	3286.71	3290.80	3294.89	3298.98	3303.07	3307.17	3311.28	3315.39	3319.50	3323.61
4234.5	3327.73	3331.85	3335.97	3340.10	3344.24	3348.37	3352.51	3356.65	3360.80	3364.95
4234.6	3369.10	3373.26	3377.42	3381.58	3385.75	3389.92	3394.09	3398.27	3402.45	3406.64
4234.7	3410.83	3415.02	3419.22	3423.41	3427.62	3431.82	3436.03	3440.25	3444.46	3448.68
4234.8	3452.91	3457.14	3461.37	3465.60	3469.84	3474.08	3478.33	3482.57	3486.83	3491.08
4234.9	3495.34	3499.60	3503.87	3508.14	3512.41	3516.69	3520.97	3525.26	3529.54	3533.83
4235.0	3538.13	3542.43	3546.73	3551.03	3555.34	3559.66	3563.97	3568.29	3572.61	3576.94
4235.1	3581.27	3585.60	3589.94	3594.28	3598.63	3602.97	3607.32	3611.68	3616.04	3620.40
4235.2	3624.76	3629.13	3633.51	3637.88	3642.26	3646.64	3651.03	3655.42	3659.82	3664.21
4235.3	3668.61	3673.02	3677.43	3681.84	3686.25	3690.67	3695.09	3699.52	3703.95	3708.38
4235.4	3712.82	3717.25	3721.70	3726.14	3730.59	3735.05	3739.51	3743.97	3748.43	3752.90
4235.5	3757.37	3761.85	3766.32	3770.81	3775.29	3779.78	3784.27	3788.77	3793.27	3797.77
4235.6	3802.28	3806.79	3811.30	3815.82	3820.34	3824.87	3829.40	3833.93	3838.46	3843.00
4235.7	3847.54	3852.09	3856.64	3861.19	3865.75	3870.31	3874.87	3879.44	3884.01	3888.58
4235.8	3893.16	3897.74	3902.33	3906.91	3911.51	3916.10	3920.70	3925.30	3929.91	3934.52
4235.9	3939.13	3943.75	3948.37	3952.99	3957.62	3962.25	3966.88	3971.52	3976.16	3980.81
4236.0	3985.46	3990.11	3994.76	3999.42	4004.08	4008.75	4013.42	4018.10	4022.77	4027.45
4236.1	4032.14	4036.83	4041.52	4046.22	4050.92	4055.62	4060.33	4065.04	4069.75	4074.47
4236.2	4079.19	4083.92	4088.65	4093.38	4098.12	4102.86	4107.60	4112.35	4117.10	4121.85
4236.3	4126.61	4131.38	4136.14	4140.91	4145.68	4150.46	4155.24	4160.03	4164.81	4169.61
4236.4	4174.40	4179.20	4184.00	4188.81	4193.62	4198.43	4203.25	4208.07	4212.90	4217.72
4236.5	4222.56	4227.39	4232.23	4237.07	4241.92	4246.77	4251.63	4256.48	4261.35	4266.21
4236.6	4271.08	4275.95	4280.83	4285.71	4290.59	4295.48	4300.37	4305.26	4310.16	4315.06
4236.7	4319.97	4324.88	4329.79	4334.71	4339.63	4344.55	4349.48	4354.41	4359.35	4364.29
4236.8	4369.23	4374.18	4379.13	4384.08	4389.04	4394.00	4398.96	4403.93	4408.90	4413.88
4236.9	4418.86	4423.84	4428.83	4433.82	4438.81	4443.81	4448.81	4453.81	4458.82	4463.83

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

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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
4237.0	4468.85	4473.87	4478.89	4483.92	4488.95	4493.98	4499.02	4504.06	4509.11	4514.16
4237.1	4519.21	4524.27	4529.33	4534.39	4539.46	4544.53	4549.61	4554.68	4559.77	4564.85
4237.2	4569.94	4575.03	4580.13	4585.23	4590.34	4595.44	4600.56	4605.67	4610.79	4615.91
4237.3	4621.04	4626.17	4631.30	4636.44	4641.58	4646.73	4651.87	4657.03	4662.18	4667.34
4237.4	4672.50	4677.67	4682.84	4688.01	4693.19	4698.37	4703.56	4708.75	4713.94	4719.14
4237.5	4724.34	4729.54	4734.75	4739.96	4745.17	4750.39	4755.61	4760.84	4766.07	4771.30
4237.6	4776.54	4781.78	4787.02	4792.27	4797.52	4802.77	4808.03	4813.30	4818.56	4823.83
4237.7	4829.10	4834.38	4839.66	4844.95	4850.23	4855.53	4860.82	4866.12	4871.42	4876.73
4237.8	4882.04	4887.35	4892.67	4897.99	4903.32	4908.65	4913.98	4919.31	4924.65	4930.00
4237.9	4935.34	4940.69	4946.05	4951.41	4956.77	4962.13	4967.50	4972.88	4978.25	4983.63
4238.0	4989.02	4994.40	4999.79	5005.19	5010.59	5015.99	5021.39	5026.80	5032.22	5037.63
4238.1	5043.05	5048.48	5053.91	5059.34	5064.77	5070.21	5075.65	5081.10	5086.55	5092.00
4238.2	5097.46	5102.92	5108.39	5113.85	5119.33	5124.80	5130.28	5135.76	5141.25	5146.74
4238.3	5152.23	5157.73	5163.23	5168.74	5174.25	5179.76	5185.28	5190.80	5196.32	5201.85
4238.4	5207.38	5212.91	5218.45	5223.99	5229.54	5235.09	5240.64	5246.19	5251.75	5257.32
4238.5	5262.89	5268.46	5274.03	5279.61	5285.19	5290.78	5296.37	5301.96	5307.56	5313.16
4238.6	5318.76	5324.37	5329.98	5335.60	5341.22	5346.84	5352.47	5358.10	5363.73	5369.37
4238.7	5375.01	5380.65	5386.30	5391.95	5397.61	5403.27	5408.93	5414.60	5420.27	5425.94
4238.8	5431.62	5437.30	5442.99	5448.68	5454.37	5460.07	5465.77	5471.47	5477.18	5482.89
4238.9	5488.60	5494.32	5500.04	5505.77	5511.50	5517.23	5522.97	5528.71	5534.45	5540.20
4239.0	5545.95	5551.71	5557.46	5563.23	5568.99	5574.76	5580.54	5586.31	5592.09	5597.88
4239.1	5603.67	5609.46	5615.25	5621.05	5626.85	5632.66	5638.47	5644.29	5650.10	5655.92
4239.2	5661.75	5667.58	5673.41	5679.25	5685.09	5690.93	5696.78	5702.63	5708.48	5714.34
4239.3	5720.20	5726.07	5731.94	5737.81	5743.68	5749.56	5755.45	5761.34	5767.23	5773.12
4239.4	5779.02	5784.92	5790.83	5796.74	5802.65	5808.57	5814.49	5820.41	5826.34	5832.27
4239.5	5838.21	5844.15	5850.09	5856.03	5861.98	5867.94	5873.90	5879.86	5885.82	5891.79
4239.6	5897.76	5903.74	5909.72	5915.70	5921.69	5927.68	5933.67	5939.67	5945.67	5951.67
4239.7	5957.68	5963.69	5969.71	5975.73	5981.75	5987.78	5993.81	5999.85	6005.88	6011.93
4239.8	6017.97	6024.02	6030.08	6036.13	6042.19	6048.26	6054.32	6060.39	6066.47	6072.55
4239.9	6078.63	6084.72	6090.81	6096.90	6103.00	6109.10	6115.20	6121.31	6127.42	6133.54
4240.0	6139.65	6145.78	6151.91	6158.04	6164.19	6170.33	6176.49	6182.65	6188.81	6194.98
4240.1	6201.16	6207.35	6213.53	6219.73	6225.93	6232.14	6238.35	6244.57	6250.79	6257.03
4240.2	6263.26	6269.50	6275.75	6282.01	6288.27	6294.54	6300.81	6307.09	6313.37	6319.66
4240.3	6325.96	6332.26	6338.57	6344.88	6351.20	6357.53	6363.86	6370.20	6376.54	6382.89
4240.4	6389.25	6395.61	6401.98	6408.35	6414.73	6421.12	6427.51	6433.90	6440.31	6446.72
4240.5	6453.13	6459.55	6465.98	6472.41	6478.85	6485.30	6491.75	6498.20	6504.67	6511.14
4240.6	6517.61	6524.09	6530.58	6537.07	6543.57	6550.07	6556.58	6563.10	6569.62	6576.15
4240.7	6582.68	6589.22	6595.77	6602.32	6608.88	6615.44	6622.01	6628.59	6635.17	6641.76
4240.8	6648.35	6654.95	6661.56	6668.17	6674.79	6681.41	6688.04	6694.67	6701.31	6707.96
4240.9	6714.62	6721.27	6727.94	6734.61	6741.29	6747.97	6754.66	6761.35	6768.05	6774.76

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

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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
4241.0	6781.47	6788.19	6794.91	6801.64	6808.38	6815.12	6821.87	6828.62	6835.38	6842.15
4241.1	6848.92	6855.70	6862.48	6869.27	6876.07	6882.87	6889.68	6896.49	6903.31	6910.14
4241.2	6916.97	6923.81	6930.65	6937.50	6944.35	6951.21	6958.08	6964.96	6971.83	6978.72
4241.3	6985.61	6992.51	6999.41	7006.32	7013.23	7020.15	7027.08	7034.01	7040.95	7047.89
4241.4	7054.85	7061.80	7068.76	7075.73	7082.71	7089.69	7096.67	7103.66	7110.66	7117.66
4241.5	7124.67	7131.69	7138.71	7145.74	7152.77	7159.81	7166.86	7173.91	7180.97	7188.03
4241.6	7195.10	7202.17	7209.25	7216.34	7223.43	7230.53	7237.64	7244.75	7251.87	7258.99
4241.7	7266.12	7273.25	7280.39	7287.54	7294.69	7301.85	7309.01	7316.18	7323.36	7330.54
4241.8	7337.73	7344.92	7352.12	7359.33	7366.54	7373.76	7380.98	7388.21	7395.45	7402.69
4241.9	7409.94	7417.19	7424.45	7431.72	7438.99	7446.26	7453.55	7460.84	7468.13	7475.43
4242.0	7482.74	7490.05	7497.37	7504.70	7512.03	7519.36	7526.71	7534.06	7541.41	7548.77
4242.1	7556.14	7563.51	7570.89	7578.27	7585.66	7593.06	7600.46	7607.87	7615.28	7622.70
4242.2	7630.13	7637.56	7645.00	7652.44	7659.89	7667.35	7674.81	7682.28	7689.75	7697.23
4242.3	7704.71	7712.21	7719.70	7727.21	7734.71	7742.23	7749.75	7757.28	7764.81	7772.35
4242.4	7779.89	7787.44	7795.00	7802.56	7810.13	7817.71	7825.29	7832.87	7840.47	7848.06
4242.5	7855.67	7863.28	7870.90	7878.52	7886.15	7893.78	7901.42	7909.07	7916.72	7924.38
4242.6	7932.04	7939.71	7947.38	7955.07	7962.75	7970.45	7978.15	7985.85	7993.56	8001.28
4242.7	8009.00	8016.73	8024.47	8032.21	8039.95	8047.71	8055.47	8063.23	8071.00	8078.78
4242.8	8086.56	8094.35	8102.14	8109.94	8117.75	8125.56	8133.38	8141.21	8149.04	8156.87
4242.9	8164.71	8172.56	8180.42	8188.28	8196.14	8204.01	8211.89	8219.77	8227.66	8235.56
4243.0	8243.46	8251.37	8259.28	8267.20	8275.13	8283.06	8291.00	8298.94	8306.89	8314.84
4243.1	8322.80	8330.77	8338.74	8346.72	8354.71	8362.70	8370.69	8378.70	8386.71	8394.72
4243.2	8402.74	8410.77	8418.80	8426.84	8434.88	8442.93	8450.99	8459.05	8467.12	8475.19
4243.3	8483.27	8491.36	8499.45	8507.55	8515.65	8523.76	8531.88	8540.00	8548.12	8556.26
4243.4	8564.40	8572.54	8580.69	8588.85	8597.01	8605.18	8613.36	8621.54	8629.73	8637.92
4243.5	8646.12	8654.32	8662.53	8670.75	8678.97	8687.20	8695.43	8703.67	8711.92	8720.17
4243.6	8728.43	8736.70	8744.97	8753.24	8761.52	8769.81	8778.11	8786.41	8794.71	8803.02
4243.7	8811.34	8819.66	8827.99	8836.33	8844.67	8853.02	8861.37	8869.73	8878.10	8886.47
4243.8	8894.84	8903.23	8911.62	8920.01	8928.41	8936.82	8945.23	8953.65	8962.08	8970.51
4243.9	8978.94	8987.38	8995.83	9004.29	9012.75	9021.21	9029.69	9038.17	9046.65	9055.14
4244.0	9063.64	9072.14	9080.65	9089.17	9097.69	9106.23	9114.77	9123.32	9131.88	9140.45
4244.1	9149.02	9157.61	9166.20	9174.79	9183.40	9192.02	9200.64	9209.27	9217.91	9226.55
4244.2	9235.21	9243.87	9252.54	9261.22	9269.91	9278.60	9287.30	9296.01	9304.73	9313.46
4244.3	9322.19	9330.93	9339.68	9348.44	9357.21	9365.98	9374.76	9383.55	9392.35	9401.16
4244.4	9409.97	9418.79	9427.62	9436.46	9445.31	9454.16	9463.02	9471.89	9480.77	9489.66
4244.5	9498.55	9507.45	9516.36	9525.28	9534.21	9543.14	9552.08	9561.03	9569.99	9578.95
4244.6	9587.93	9596.91	9605.90	9614.89	9623.90	9632.91	9641.93	9650.96	9660.00	9669.04
4244.7	9678.10	9687.16	9696.23	9705.30	9714.39	9723.48	9732.58	9741.69	9750.81	9759.93
4244.8	9769.07	9778.21	9787.36	9796.51	9805.68	9814.85	9824.03	9833.22	9842.42	9851.62
4244.9	9860.83	9870.05	9879.28	9888.52	9897.76	9907.02	9916.28	9925.55	9934.82	9944.11

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2013 AREA-CAPACITY TABLES (NAVD88)

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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
4245.0	9953.40	9962.70	9972.01	9981.32	9990.65	9999.98	10009.32	10018.67	10028.02	10037.39
4245.1	10046.76	10056.14	10065.53	10074.92	10084.33	10093.74	10103.16	10112.59	10122.02	10131.47
4245.2	10140.92	10150.38	10159.85	10169.32	10178.81	10188.30	10197.80	10207.30	10216.82	10226.34
4245.3	10235.87	10245.41	10254.96	10264.52	10274.08	10283.65	10293.23	10302.82	10312.41	10322.02
4245.4	10331.63	10341.25	10350.87	10360.51	10370.15	10379.80	10389.46	10399.13	10408.80	10418.49
4245.5	10428.18	10437.88	10447.58	10457.30	10467.02	10476.75	10486.49	10496.24	10505.99	10515.75
4245.6	10525.53	10535.30	10545.09	10554.89	10564.69	10574.50	10584.32	10594.14	10603.98	10613.82
4245.7	10623.67	10633.53	10643.39	10653.27	10663.15	10673.04	10682.94	10692.85	10702.76	10712.68
4245.8	10722.61	10732.55	10742.50	10752.45	10762.41	10772.38	10782.36	10792.35	10802.34	10812.34
4245.9	10822.35	10832.37	10842.40	10852.43	10862.47	10872.52	10882.58	10892.64	10902.72	10912.80
4246.0	10922.89	10932.99	10943.09	10953.21	10963.33	10973.46	10983.59	10993.74	11003.89	11014.05
4246.1	11024.22	11034.40	11044.59	11054.78	11064.98	11075.19	11085.41	11095.63	11105.87	11116.11
4246.2	11126.36	11136.61	11146.88	11157.15	11167.43	11177.72	11188.02	11198.32	11208.63	11218.96
4246.3	11229.28	11239.62	11249.97	11260.32	11270.68	11281.05	11291.42	11301.81	11312.20	11322.60
4246.4	11333.01	11343.43	11353.85	11364.28	11374.72	11385.17	11395.63	11406.09	11416.57	11427.04
4246.5	11437.53	11448.03	11458.53	11469.05	11479.57	11490.09	11500.63	11511.17	11521.72	11532.29
4246.6	11542.85	11553.43	11564.01	11574.61	11585.21	11595.81	11606.43	11617.05	11627.68	11638.32
4246.7	11648.97	11659.63	11670.29	11680.96	11691.64	11702.33	11713.03	11723.73	11734.44	11745.16
4246.8	11755.89	11766.62	11777.37	11788.12	11798.88	11809.64	11820.42	11831.20	11841.99	11852.79
4246.9	11863.60	11874.41	11885.24	11896.07	11906.91	11917.75	11928.61	11939.47	11950.34	11961.22
4247.0	11972.11	11983.00	11993.91	12004.82	12015.74	12026.66	12037.60	12048.54	12059.49	12070.45
4247.1	12081.42	12092.39	12103.37	12114.36	12125.36	12136.37	12147.38	12158.40	12169.43	12180.47
4247.2	12191.52	12202.57	12213.64	12224.71	12235.78	12246.87	12257.96	12269.07	12280.18	12291.29
4247.3	12302.42	12313.55	12324.70	12335.85	12347.00	12358.17	12369.34	12380.53	12391.72	12402.91
4247.4	12414.12	12425.33	12436.55	12447.79	12459.02	12470.27	12481.52	12492.78	12504.05	12515.33
4247.5	12526.62	12537.91	12549.21	12560.52	12571.84	12583.16	12594.50	12605.84	12617.19	12628.54
4247.6	12639.91	12651.28	12662.66	12674.05	12685.45	12696.86	12708.27	12719.69	12731.12	12742.55
4247.7	12754.00	12765.45	12776.91	12788.38	12799.86	12811.34	12822.84	12834.34	12845.85	12857.36
4247.8	12868.89	12880.42	12891.96	12903.51	12915.07	12926.63	12938.20	12949.78	12961.37	12972.97
4247.9	12984.57	12996.18	13007.80	13019.43	13031.07	13042.71	13054.37	13066.03	13077.69	13089.37
4248.0	13101.05	13112.75	13124.45	13136.16	13147.88	13159.61	13171.36	13183.11	13194.86	13206.63
4248.1	13218.41	13230.20	13242.00	13253.80	13265.62	13277.45	13289.28	13301.13	13312.99	13324.85
4248.2	13336.72	13348.61	13360.50	13372.40	13384.31	13396.24	13408.17	13420.11	13432.06	13444.02
4248.3	13455.99	13467.96	13479.95	13491.95	13503.96	13515.97	13528.00	13540.04	13552.08	13564.14
4248.4	13576.20	13588.28	13600.36	13612.45	13624.56	13636.67	13648.79	13660.92	13673.06	13685.21
4248.5	13697.37	13709.54	13721.72	13733.91	13746.11	13758.31	13770.53	13782.76	13794.99	13807.24
4248.6	13819.49	13831.76	13844.03	13856.32	13868.61	13880.91	13893.22	13905.55	13917.88	13930.22
4248.7	13942.57	13954.93	13967.30	13979.68	13992.07	14004.46	14016.87	14029.29	14041.71	14054.15
4248.8	14066.60	14079.05	14091.52	14103.99	14116.47	14128.97	14141.47	14153.98	14166.51	14179.04
4248.9	14191.58	14204.13	14216.69	14229.26	14241.84	14254.43	14267.03	14279.63	14292.25	14304.88

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

15:20:40

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
4249.0	14317.51	14330.16	14342.81	14355.48	14368.15	14380.84	14393.53	14406.23	14418.95	14431.67
4249.1	14444.40	14457.14	14469.89	14482.65	14495.42	14508.20	14520.99	14533.79	14546.59	14559.41
4249.2	14572.24	14585.08	14597.92	14610.78	14623.64	14636.52	14649.40	14662.29	14675.20	14688.11
4249.3	14701.03	14713.96	14726.91	14739.86	14752.82	14765.79	14778.76	14791.75	14804.75	14817.76
4249.4	14830.78	14843.80	14856.84	14869.89	14882.94	14896.01	14909.08	14922.17	14935.26	14948.36
4249.5	14961.48	14974.60	14987.73	15000.87	15014.02	15027.18	15040.35	15053.53	15066.72	15079.92
4249.6	15093.13	15106.35	15119.57	15132.81	15146.06	15159.31	15172.58	15185.85	15199.14	15212.43
4249.7	15225.73	15239.05	15252.37	15265.70	15279.04	15292.39	15305.75	15319.12	15332.50	15345.89
4249.8	15359.29	15372.70	15386.12	15399.54	15412.98	15426.43	15439.88	15453.35	15466.82	15480.31
4249.9	15493.80	15507.30	15520.82	15534.34	15547.87	15561.41	15574.96	15588.53	15602.10	15615.68
4250.0	15629.26	15642.86	15656.47	15670.09	15683.72	15697.35	15711.00	15724.66	15738.32	15752.00
4250.1	15765.68	15779.38	15793.08	15806.79	15820.51	15834.25	15847.99	15861.74	15875.50	15889.27
4250.2	15903.05	15916.84	15930.64	15944.45	15958.26	15972.09	15985.93	15999.78	16013.63	16027.50
4250.3	16041.37	16055.26	16069.15	16083.06	16096.97	16110.89	16124.82	16138.76	16152.72	16166.68
4250.4	16180.65	16194.63	16208.62	16222.62	16236.62	16250.64	16264.67	16278.71	16292.75	16306.81
4250.5	16320.88	16334.95	16349.04	16363.13	16377.24	16391.35	16405.47	16419.60	16433.75	16447.90
4250.6	16462.06	16476.23	16490.41	16504.60	16518.80	16533.01	16547.22	16561.45	16575.69	16589.94
4250.7	16604.19	16618.46	16632.73	16647.02	16661.31	16675.62	16689.93	16704.25	16718.59	16732.93
4250.8	16747.28	16761.64	16776.01	16790.39	16804.78	16819.18	16833.59	16848.01	16862.44	16876.87
4250.9	16891.32	16905.78	16920.24	16934.72	16949.20	16963.70	16978.20	16992.71	17007.24	17021.77
4251.0	17036.31	17050.86	17065.43	17080.00	17094.58	17109.17	17123.77	17138.38	17152.99	17167.62
4251.1	17182.26	17196.90	17211.56	17226.23	17240.90	17255.59	17270.28	17284.99	17299.70	17314.42
4251.2	17329.16	17343.90	17358.65	17373.41	17388.18	17402.96	17417.75	17432.55	17447.36	17462.18
4251.3	17477.01	17491.85	17506.69	17521.55	17536.42	17551.29	17566.18	17581.07	17595.98	17610.89
4251.4	17625.81	17640.75	17655.69	17670.64	17685.60	17700.57	17715.55	17730.54	17745.54	17760.55
4251.5	17775.57	17790.60	17805.64	17820.69	17835.74	17850.81	17865.88	17880.97	17896.06	17911.17
4251.6	17926.28	17941.41	17956.54	17971.68	17986.83	18001.99	18017.17	18032.35	18047.54	18062.74
4251.7	18077.95	18093.16	18108.39	18123.63	18138.88	18154.13	18169.40	18184.68	18199.96	18215.26
4251.8	18230.56	18245.88	18261.20	18276.53	18291.88	18307.23	18322.59	18337.96	18353.34	18368.73
4251.9	18384.13	18399.54	18414.96	18430.39	18445.83	18461.27	18476.73	18492.20	18507.67	18523.16
4252.0	18538.65	18554.16	18569.67	18585.19	18600.72	18616.26	18631.80	18647.36	18662.92	18678.49
4252.1	18694.07	18709.66	18725.25	18740.86	18756.47	18772.09	18787.71	18803.35	18819.00	18834.65
4252.2	18850.31	18865.98	18881.66	18897.35	18913.04	18928.75	18944.46	18960.18	18975.90	18991.64
4252.3	19007.39	19023.14	19038.90	19054.67	19070.45	19086.23	19102.03	19117.83	19133.64	19149.46
4252.4	19165.29	19181.12	19196.97	19212.82	19228.68	19244.55	19260.43	19276.32	19292.21	19308.11
4252.5	19324.02	19339.94	19355.87	19371.80	19387.75	19403.70	19419.66	19435.63	19451.61	19467.59
4252.6	19483.59	19499.59	19515.60	19531.62	19547.64	19563.68	19579.72	19595.77	19611.83	19627.90
4252.7	19643.98	19660.06	19676.16	19692.26	19708.37	19724.49	19740.61	19756.75	19772.89	19789.04
4252.8	19805.20	19821.37	19837.55	19853.73	19869.92	19886.12	19902.33	19918.55	19934.78	19951.01
4252.9	19967.26	19983.51	19999.77	20016.03	20032.31	20048.59	20064.88	20081.19	20097.50	20113.81

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

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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
4253.0	20130.14	20146.47	20162.81	20179.16	20195.52	20211.89	20228.27	20244.65	20261.04	20277.44
4253.1	20293.85	20310.27	20326.69	20343.13	20359.57	20376.02	20392.48	20408.94	20425.42	20441.90
4253.2	20458.39	20474.89	20491.40	20507.92	20524.44	20540.98	20557.52	20574.07	20590.62	20607.19
4253.3	20623.77	20640.35	20656.94	20673.54	20690.15	20706.76	20723.39	20740.02	20756.66	20773.31
4253.4	20789.97	20806.63	20823.31	20839.99	20856.68	20873.38	20890.09	20906.80	20923.53	20940.26
4253.5	20957.00	20973.75	20990.51	21007.27	21024.04	21040.83	21057.62	21074.41	21091.22	21108.04
4253.6	21124.86	21141.69	21158.54	21175.38	21192.24	21209.11	21225.98	21242.86	21259.75	21276.65
4253.7	21293.55	21310.47	21327.39	21344.32	21361.26	21378.21	21395.17	21412.13	21429.11	21446.09
4253.8	21463.07	21480.07	21497.08	21514.10	21531.12	21548.15	21565.19	21582.23	21599.29	21616.36
4253.9	21633.43	21650.51	21667.60	21684.70	21701.80	21718.91	21736.04	21753.17	21770.31	21787.45
4254.0	21804.61	21821.77	21838.95	21856.12	21873.31	21890.51	21907.72	21924.93	21942.15	21959.38
4254.1	21976.62	21993.87	22011.12	22028.39	22045.66	22062.94	22080.23	22097.52	22114.83	22132.14
4254.2	22149.46	22166.79	22184.13	22201.48	22218.83	22236.19	22253.56	22270.95	22288.33	22305.73
4254.3	22323.13	22340.55	22357.97	22375.40	22392.84	22410.28	22427.73	22445.20	22462.67	22480.15
4254.4	22497.63	22515.13	22532.63	22550.15	22567.67	22585.20	22602.73	22620.28	22637.83	22655.39
4254.5	22672.96	22690.54	22708.13	22725.73	22743.33	22760.94	22778.56	22796.19	22813.83	22831.47
4254.6	22849.13	22866.79	22884.46	22902.14	22919.82	22937.52	22955.22	22972.93	22990.65	23008.38
4254.7	23026.12	23043.86	23061.62	23079.38	23097.15	23114.93	23132.71	23150.51	23168.31	23186.12
4254.8	23203.94	23221.77	23239.60	23257.45	23275.30	23293.16	23311.03	23328.90	23346.79	23364.69
4254.9	23382.59	23400.50	23418.42	23436.35	23454.28	23472.22	23490.18	23508.14	23526.11	23544.08
4255.0	23562.07	23580.06	23598.06	23616.07	23634.09	23652.12	23670.15	23688.20	23706.25	23724.31
4255.1	23742.38	23760.46	23778.54	23796.63	23814.73	23832.85	23850.96	23869.09	23887.22	23905.37
4255.2	23923.52	23941.68	23959.85	23978.02	23996.21	24014.40	24032.60	24050.81	24069.03	24087.26
4255.3	24105.49	24123.73	24141.98	24160.24	24178.51	24196.79	24215.07	24233.36	24251.66	24269.97
4255.4	24288.29	24306.61	24324.95	24343.29	24361.64	24380.00	24398.37	24416.74	24435.12	24453.52
4255.5	24471.92	24490.32	24508.74	24527.17	24545.60	24564.04	24582.49	24600.95	24619.42	24637.89
4255.6	24656.38	24674.87	24693.37	24711.88	24730.39	24748.92	24767.45	24785.99	24804.54	24823.10
4255.7	24841.66	24860.24	24878.82	24897.41	24916.02	24934.62	24953.24	24971.86	24990.49	25009.14
4255.8	25027.79	25046.44	25065.11	25083.78	25102.47	25121.15	25139.86	25158.56	25177.28	25196.01
4255.9	25214.74	25233.48	25252.22	25270.98	25289.75	25308.52	25327.30	25346.10	25364.89	25383.70
4256.0	25402.51	25421.34	25440.18	25459.02	25477.88	25496.75	25515.63	25534.52	25553.43	25572.34
4256.1	25591.27	25610.20	25629.15	25648.11	25667.07	25686.06	25705.05	25724.05	25743.06	25762.09
4256.2	25781.13	25800.18	25819.23	25838.30	25857.38	25876.47	25895.57	25914.69	25933.81	25952.95
4256.3	25972.10	25991.26	26010.43	26029.61	26048.80	26068.00	26087.21	26106.44	26125.68	26144.93
4256.4	26164.18	26183.45	26202.73	26222.02	26241.32	26260.64	26279.96	26299.30	26318.65	26338.01
4256.5	26357.38	26376.76	26396.15	26415.55	26434.96	26454.39	26473.82	26493.27	26512.73	26532.20
4256.6	26551.68	26571.18	26590.68	26610.19	26629.72	26649.25	26668.80	26688.36	26707.93	26727.51
4256.7	26747.10	26766.70	26786.32	26805.94	26825.58	26845.22	26864.88	26884.55	26904.23	26923.93
4256.8	26943.63	26963.34	26983.07	27002.80	27022.55	27042.31	27062.08	27081.86	27101.65	27121.46
4256.9	27141.27	27161.10	27180.93	27200.78	27220.63	27240.51	27260.38	27280.28	27300.18	27320.10

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THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4257.0	27340.02	27359.96	27379.90	27399.86	27419.83	27439.81	27459.80	27479.81	27499.82	27519.85
4257.1	27539.88	27559.93	27579.99	27600.06	27620.14	27640.23	27660.33	27680.45	27700.57	27720.71
4257.2	27740.86	27761.01	27781.18	27801.37	27821.56	27841.76	27861.97	27882.20	27902.44	27922.68
4257.3	27942.94	27963.21	27983.49	28003.78	28024.09	28044.40	28064.72	28085.06	28105.41	28125.77
4257.4	28146.14	28166.52	28186.91	28207.31	28227.73	28248.15	28268.59	28289.04	28309.49	28329.96
4257.5	28350.44	28370.94	28391.44	28411.95	28432.48	28453.02	28473.56	28494.12	28514.69	28535.27
4257.6	28555.86	28576.47	28597.08	28617.71	28638.34	28658.99	28679.65	28700.32	28721.00	28741.69
4257.7	28762.39	28783.11	28803.83	28824.57	28845.32	28866.07	28886.85	28907.62	28928.42	28949.22
4257.8	28970.04	28990.86	29011.70	29032.54	29053.40	29074.27	29095.15	29116.04	29136.95	29157.86
4257.9	29178.79	29199.72	29220.67	29241.63	29262.60	29283.58	29304.57	29325.57	29346.59	29367.62
4258.0	29388.65	29409.70	29430.76	29451.82	29472.91	29494.00	29515.10	29536.22	29557.34	29578.48
4258.1	29599.62	29620.79	29641.96	29663.13	29684.32	29705.53	29726.74	29747.97	29769.21	29790.45
4258.2	29811.71	29832.98	29854.26	29875.55	29896.86	29918.17	29939.50	29960.84	29982.18	30003.54
4258.3	30024.91	30046.29	30067.68	30089.09	30110.50	30131.93	30153.36	30174.81	30196.27	30217.74
4258.4	30239.22	30260.71	30282.21	30303.73	30325.26	30346.79	30368.34	30389.90	30411.47	30433.05
4258.5	30454.64	30476.24	30497.86	30519.48	30541.12	30562.77	30584.43	30606.10	30627.78	30649.47
4258.6	30671.17	30692.88	30714.61	30736.35	30758.10	30779.85	30801.62	30823.40	30845.20	30867.00
4258.7	30888.81	30910.64	30932.47	30954.32	30976.18	30998.05	31019.93	31041.82	31063.73	31085.64
4258.8	31107.57	31129.51	31151.45	31173.41	31195.38	31217.36	31239.35	31261.36	31283.37	31305.40
4258.9	31327.43	31349.48	31371.54	31393.61	31415.69	31437.78	31459.88	31482.00	31504.12	31526.26
4259.0	31548.41	31570.57	31592.74	31614.92	31637.11	31659.31	31681.53	31703.76	31725.99	31748.24
4259.1	31770.50	31792.77	31815.05	31837.34	31859.64	31881.96	31904.28	31926.62	31948.97	31971.32
4259.2	31993.70	32016.08	32038.47	32060.87	32083.29	32105.71	32128.15	32150.60	32173.06	32195.53
4259.3	32218.01	32240.50	32263.00	32285.52	32308.04	32330.58	32353.13	32375.69	32398.26	32420.84
4259.4	32443.43	32466.03	32488.65	32511.27	32533.91	32556.56	32579.21	32601.88	32624.57	32647.26
4259.5	32669.96	32692.68	32715.40	32738.14	32760.88	32783.64	32806.41	32829.20	32851.99	32874.79
4259.6	32897.61	32920.43	32943.27	32966.12	32988.97	33011.84	33034.73	33057.62	33080.52	33103.43
4259.7	33126.36	33149.30	33172.25	33195.20	33218.18	33241.16	33264.15	33287.15	33310.16	33333.19
4259.8	33356.23	33379.28	33402.34	33425.41	33448.48	33471.58	33494.68	33517.80	33540.92	33564.06
4259.9	33587.21	33610.36	33633.54	33656.71	33679.91	33703.11	33726.32	33749.55	33772.79	33796.04
4260.0	33819.30	33842.57	33865.85	33889.15	33912.46	33935.78	33959.12	33982.47	34005.83	34029.21
4260.1	34052.60	34076.00	34099.41	34122.84	34146.28	34169.73	34193.20	34216.68	34240.18	34263.68
4260.2	34287.20	34310.73	34334.28	34357.84	34381.41	34405.00	34428.59	34452.21	34475.83	34499.47
4260.3	34523.12	34546.78	34570.46	34594.15	34617.85	34641.57	34665.29	34689.04	34712.79	34736.56
4260.4	34760.34	34784.13	34807.94	34831.76	34855.59	34879.44	34903.30	34927.18	34951.06	34974.96
4260.5	34998.87	35022.80	35046.73	35070.68	35094.65	35118.62	35142.62	35166.62	35190.64	35214.67
4260.6	35238.71	35262.77	35286.83	35310.91	35335.01	35359.12	35383.24	35407.38	35431.52	35455.68
4260.7	35479.86	35504.04	35528.24	35552.45	35576.68	35600.92	35625.17	35649.44	35673.71	35698.00
4260.8	35722.31	35746.63	35770.96	35795.30	35819.66	35844.03	35868.41	35892.80	35917.21	35941.64
4260.9	35966.07	35990.52	36014.98	36039.46	36063.94	36088.44	36112.96	36137.48	36162.02	36186.57

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4261.0	36211.14	36235.72	36260.31	36284.92	36309.54	36334.17	36358.81	36383.47	36408.14	36432.82
4261.1	36457.52	36482.23	36506.95	36531.69	36556.44	36581.20	36605.97	36630.76	36655.56	36680.38
4261.2	36705.21	36730.05	36754.90	36779.77	36804.64	36829.54	36854.45	36879.36	36904.30	36929.24
4261.3	36954.20	36979.17	37004.16	37029.15	37054.16	37079.19	37104.22	37129.27	37154.34	37179.41
4261.4	37204.50	37229.60	37254.72	37279.85	37304.99	37330.14	37355.31	37380.49	37405.68	37430.89
4261.5	37456.11	37481.34	37506.59	37531.85	37557.12	37582.41	37607.70	37633.02	37658.34	37683.68
4261.6	37709.03	37734.39	37759.77	37785.16	37810.56	37835.98	37861.41	37886.85	37912.30	37937.77
4261.7	37963.25	37988.75	38014.25	38039.78	38065.31	38090.86	38116.42	38141.99	38167.57	38193.18
4261.8	38218.79	38244.41	38270.05	38295.70	38321.37	38347.04	38372.73	38398.44	38424.16	38449.88
4261.9	38475.63	38501.38	38527.15	38552.93	38578.73	38604.54	38630.36	38656.20	38682.04	38707.90
4262.0	38733.78	38759.66	38785.56	38811.48	38837.40	38863.34	38889.29	38915.26	38941.24	38967.23
4262.1	38993.23	39019.25	39045.28	39071.32	39097.38	39123.45	39149.54	39175.63	39201.74	39227.86
4262.2	39254.00	39280.15	39306.31	39332.48	39358.67	39384.87	39411.09	39437.31	39463.55	39489.80
4262.3	39516.07	39542.35	39568.64	39594.95	39621.27	39647.60	39673.94	39700.30	39726.67	39753.05
4262.4	39779.45	39805.86	39832.29	39858.72	39885.17	39911.63	39938.11	39964.60	39991.10	40017.61
4262.5	40044.14	40070.68	40097.23	40123.80	40150.38	40176.98	40203.58	40230.20	40256.83	40283.48
4262.6	40310.14	40336.81	40363.49	40390.19	40416.90	40443.62	40470.36	40497.11	40523.88	40550.65
4262.7	40577.44	40604.24	40631.06	40657.89	40684.73	40711.59	40738.45	40765.33	40792.23	40819.13
4262.8	40846.05	40872.99	40899.93	40926.89	40953.86	40980.85	41007.85	41034.86	41061.89	41088.92
4262.9	41115.97	41143.04	41170.11	41197.20	41224.31	41251.43	41278.55	41305.70	41332.85	41360.02
4263.0	41387.20	41414.40	41441.61	41468.82	41496.06	41523.30	41550.57	41577.84	41605.12	41632.43
4263.1	41659.74	41687.06	41714.40	41741.75	41769.12	41796.50	41823.89	41851.29	41878.71	41906.14
4263.2	41933.58	41961.04	41988.51	42015.99	42043.48	42071.00	42098.52	42126.05	42153.60	42181.16
4263.3	42208.73	42236.32	42263.92	42291.54	42319.16	42346.80	42374.45	42402.11	42429.80	42457.49
4263.4	42485.19	42512.91	42540.64	42568.39	42596.14	42623.91	42651.70	42679.49	42707.30	42735.12
4263.5	42762.96	42790.81	42818.67	42846.55	42874.43	42902.34	42930.25	42958.18	42986.11	43014.07
4263.6	43042.04	43070.02	43098.01	43126.02	43154.03	43182.07	43210.11	43238.17	43266.24	43294.32
4263.7	43322.42	43350.53	43378.65	43406.79	43434.94	43463.10	43491.27	43519.46	43547.67	43575.89
4263.8	43604.11	43632.35	43660.61	43688.88	43717.15	43745.45	43773.75	43802.07	43830.41	43858.75
4263.9	43887.11	43915.48	43943.86	43972.27	44000.68	44029.10	44057.54	44085.99	44114.45	44142.93
4264.0	44171.42	44199.92	44228.43	44256.95	44285.48	44314.02	44342.58	44371.14	44399.71	44428.30
4264.1	44456.89	44485.50	44514.11	44542.73	44571.36	44600.02	44628.67	44657.34	44686.01	44714.70
4264.2	44743.39	44772.10	44800.82	44829.55	44858.28	44887.02	44915.79	44944.55	44973.33	45002.12
4264.3	45030.92	45059.73	45088.55	45117.38	45146.22	45175.07	45203.93	45232.80	45261.68	45290.57
4264.4	45319.48	45348.39	45377.30	45406.24	45435.18	45464.14	45493.10	45522.07	45551.05	45580.05
4264.5	45609.05	45638.07	45667.09	45696.12	45725.17	45754.23	45783.30	45812.36	45841.45	45870.55
4264.6	45899.66	45928.77	45957.90	45987.04	46016.19	46045.34	46074.51	46103.69	46132.89	46162.08
4264.7	46191.29	46220.51	46249.74	46278.98	46308.23	46337.49	46366.76	46396.05	46425.34	46454.64
4264.8	46483.95	46513.27	46542.60	46571.95	46601.30	46630.66	46660.04	46689.42	46718.81	46748.22
4264.9	46777.64	46807.06	46836.49	46865.94	46895.39	46924.86	46954.34	46983.82	47013.32	47042.83

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

4/14/2014

2013 AREA-CAPACITY TABLES (NAVD88)

15:20:40

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
4265.0	47072.34	47101.87	47131.41	47160.95	47190.52	47220.09	47249.66	47279.25	47308.85	47338.46
4265.1	47368.08	47397.71	47427.35	47457.00	47486.66	47516.34	47546.02	47575.70	47605.41	47635.12
4265.2	47664.84	47694.58	47724.32	47754.07	47783.84	47813.61	47843.39	47873.19	47903.00	47932.81
4265.3	47962.64	47992.47	48022.32	48052.17	48082.04	48111.91	48141.80	48171.70	48201.61	48231.52
4265.4	48261.45	48291.39	48321.34	48351.30	48381.27	48411.25	48441.23	48471.23	48501.24	48531.27
4265.5	48561.30	48591.34	48621.39	48651.45	48681.52	48711.60	48741.69	48771.80	48801.91	48832.03
4265.6	48862.16	48892.30	48922.46	48952.62	48982.80	49012.98	49043.18	49073.39	49103.60	49133.82
4265.7	49164.06	49194.30	49224.56	49254.83	49285.11	49315.39	49345.69	49376.00	49406.31	49436.64
4265.8	49466.98	49497.33	49527.69	49558.06	49588.44	49618.82	49649.23	49679.64	49710.05	49740.49
4265.9	49770.93	49801.38	49831.84	49862.31	49892.80	49923.29	49953.79	49984.30	50014.82	50045.36
4266.0	50075.90	50106.45	50137.02	50167.59	50198.18	50228.77	50259.38	50290.00	50320.62	50351.26
4266.1	50381.90	50412.56	50443.23	50473.90	50504.59	50535.29	50566.00	50596.71	50627.44	50658.18
4266.2	50688.93	50719.69	50750.45	50781.24	50812.02	50842.83	50873.64	50904.46	50935.29	50966.14
4266.3	50996.98	51027.84	51058.72	51089.60	51120.49	51151.39	51182.31	51213.23	51244.16	51275.11
4266.4	51306.06	51337.02	51368.00	51398.99	51429.98	51460.99	51492.00	51523.03	51554.07	51585.11
4266.5	51616.17	51647.23	51678.31	51709.40	51740.50	51771.61	51802.73	51833.86	51864.99	51896.14
4266.6	51927.30	51958.48	51989.65	52020.84	52052.05	52083.25	52114.48	52145.70	52176.95	52208.20
4266.7	52239.46	52270.73	52302.02	52333.31	52364.61	52395.93	52427.25	52458.58	52489.93	52521.28
4266.8	52552.64	52584.02	52615.41	52646.80	52678.20	52709.62	52741.05	52772.48	52803.93	52835.39
4266.9	52866.86	52898.33	52929.82	52961.32	52992.83	53024.35	53055.88	53087.41	53118.96	53150.52
4267.0	53182.09	53213.68	53245.27	53276.86	53308.48	53340.10	53371.73	53403.37	53435.02	53466.68
4267.1	53498.36	53530.04	53561.73	53593.44	53625.15	53656.88	53688.61	53720.35	53752.11	53783.87
4267.2	53815.65	53847.43	53879.23	53911.04	53942.85	53974.68	54006.52	54038.36	54070.22	54102.09
4267.3	54133.96	54165.85	54197.75	54229.66	54261.58	54293.51	54325.45	54357.40	54389.36	54421.33
4267.4	54453.31	54485.30	54517.30	54549.31	54581.33	54613.36	54645.41	54677.45	54709.52	54741.59
4267.5	54773.68	54805.77	54837.88	54869.99	54902.11	54934.25	54966.39	54998.55	55030.71	55062.89
4267.6	55095.07	55127.27	55159.48	55191.69	55223.92	55256.16	55288.40	55320.66	55352.93	55385.20
4267.7	55417.49	55449.80	55482.10	55514.42	55546.75	55579.09	55611.44	55643.80	55676.17	55708.55
4267.8	55740.94	55773.34	55805.75	55838.18	55870.61	55903.05	55935.50	55967.96	56000.44	56032.92
4267.9	56065.42	56097.92	56130.43	56162.95	56195.49	56228.04	56260.59	56293.16	56325.73	56358.32
4268.0	56390.92	56423.52	56456.14	56488.77	56521.43	56554.08	56586.75	56619.43	56652.13	56684.84
4268.1	56717.56	56750.30	56783.04	56815.80	56848.57	56881.35	56914.15	56946.95	56979.77	57012.61
4268.2	57045.45	57078.32	57111.19	57144.07	57176.96	57209.88	57242.80	57275.73	57308.68	57341.64
4268.3	57374.61	57407.59	57440.59	57473.60	57506.62	57539.66	57572.70	57605.76	57638.83	57671.92
4268.4	57705.02	57738.12	57771.25	57804.39	57837.53	57870.69	57903.86	57937.05	57970.25	58003.45
4268.5	58036.68	58069.91	58103.16	58136.42	58169.70	58202.98	58236.27	58269.59	58302.91	58336.25
4268.6	58369.60	58402.95	58436.33	58469.71	58503.11	58536.52	58569.95	58603.39	58636.83	58670.30
4268.7	58703.77	58737.25	58770.75	58804.27	58837.79	58871.32	58904.88	58938.44	58972.01	59005.60
4268.8	59039.20	59072.81	59106.43	59140.07	59173.72	59207.39	59241.05	59274.74	59308.45	59342.16
4268.9	59375.88	59409.61	59443.36	59477.13	59510.91	59544.69	59578.49	59612.30	59646.14	59679.97

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NAVD88)

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THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4269.0	59713.82	59747.68	59781.56	59815.45	59849.35	59883.26	59917.18	59951.12	59985.07	60019.04
4269.1	60053.01	60087.00	60121.00	60155.02	60189.05	60223.08	60257.14	60291.20	60325.27	60359.36
4269.2	60393.46	60427.57	60461.70	60495.84	60529.99	60564.16	60598.34	60632.52	60666.73	60700.94
4269.3	60735.17	60769.41	60803.66	60837.92	60872.20	60906.49	60940.80	60975.11	61009.43	61043.77
4269.4	61078.12	61112.49	61146.86	61181.26	61215.66	61250.08	61284.50	61318.95	61353.40	61387.86
4269.5	61422.34	61456.83	61491.34	61525.85	61560.38	61594.92	61629.48	61664.04	61698.61	61733.20
4269.6	61767.81	61802.43	61837.05	61871.70	61906.35	61941.02	61975.70	62010.39	62045.09	62079.81
4269.7	62114.54	62149.27	62184.03	62218.80	62253.58	62288.36	62323.17	62357.99	62392.82	62427.66
4269.8	62462.52	62497.39	62532.26	62567.16	62602.06	62636.98	62671.91	62706.85	62741.80	62776.77
4269.9	62811.75	62846.75	62881.75	62916.77	62951.80	62986.84	63021.89	63056.96	63092.05	63127.14
4270.0	63162.24	63197.36	63232.49	63267.64	63302.79	63337.95	63373.14	63408.33	63443.54	63478.76
4270.1	63513.99	63549.23	63584.49	63619.76	63655.04	63690.33	63725.64	63760.95	63796.29	63831.64
4270.2	63866.99	63902.36	63937.74	63973.14	64008.55	64043.96	64079.39	64114.84	64150.30	64185.77
4270.3	64221.25	64256.74	64292.25	64327.77	64363.30	64398.84	64434.40	64469.98	64505.55	64541.15
4270.4	64576.76	64612.38	64648.01	64683.66	64719.32	64754.98	64790.67	64826.36	64862.07	64897.80
4270.5	64933.52	64969.27	65005.03	65040.80	65076.58	65112.38	65148.19	65184.01	65219.84	65255.69
4270.6	65291.55	65327.42	65363.30	65399.20	65435.11	65471.03	65506.96	65542.91	65578.87	65614.84
4270.7	65650.83	65686.82	65722.83	65758.85	65794.89	65830.94	65866.99	65903.06	65939.15	65975.25
4270.8	66011.36	66047.48	66083.62	66119.77	66155.92	66192.09	66228.28	66264.48	66300.69	66336.91
4270.9	66373.15	66409.39	66445.66	66481.93	66518.21	66554.51	66590.82	66627.14	66663.48	66699.83
4271.0	66736.19	66772.56	66808.95	66845.34	66881.76	66918.18	66954.62	66991.06	67027.52	67064.00
4271.1	67100.48	67136.98	67173.50	67210.02	67246.55	67283.11	67319.67	67356.24	67392.83	67429.43
4271.2	67466.04	67502.66	67539.30	67575.95	67612.62	67649.29	67685.98	67722.67	67759.39	67796.11
4271.3	67832.85	67869.60	67906.36	67943.14	67979.92	68016.73	68053.54	68090.36	68127.20	68164.05
4271.4	68200.91	68237.79	68274.68	68311.58	68348.49	68385.41	68422.35	68459.30	68496.27	68533.24
4271.5	68570.23	68607.23	68644.25	68681.27	68718.31	68755.36	68792.43	68829.50	68866.59	68903.70
4271.6	68940.80	68977.93	69015.07	69052.23	69089.39	69126.56	69163.76	69200.95	69238.17	69275.40
4271.7	69312.63	69349.89	69387.16	69424.43	69461.72	69499.02	69536.34	69573.66	69611.01	69648.36
4271.8	69685.72	69723.10	69760.49	69797.89	69835.30	69872.73	69910.17	69947.62	69985.09	70022.57
4271.9	70060.06	70097.56	70135.08	70172.61	70210.15	70247.70	70285.27	70322.84	70360.44	70398.04
4272.0	70435.66	70473.28	70510.92	70548.58	70586.24	70623.91	70661.60	70699.30	70737.02	70774.73
4272.1	70812.47	70850.22	70887.98	70925.75	70963.53	71001.32	71039.13	71076.95	71114.78	71152.62
4272.2	71190.48	71228.34	71266.22	71304.10	71342.01	71379.92	71417.84	71455.78	71493.73	71531.69
4272.3	71569.66	71607.64	71645.64	71683.65	71721.66	71759.70	71797.74	71835.80	71873.87	71911.95
4272.4	71950.03	71988.13	72026.25	72064.38	72102.52	72140.66	72178.83	72217.00	72255.19	72293.38
4272.5	72331.59	72369.81	72408.05	72446.29	72484.55	72522.82	72561.09	72599.39	72637.70	72676.01
4272.6	72714.34	72752.68	72791.03	72829.39	72867.77	72906.16	72944.55	72982.96	73021.38	73059.82
4272.7	73098.27	73136.73	73175.20	73213.68	73252.17	73290.68	73329.20	73367.73	73406.27	73444.82
4272.8	73483.38	73521.96	73560.55	73599.15	73637.77	73676.38	73715.02	73753.67	73792.33	73831.00
4272.9	73869.69	73908.38	73947.09	73985.80	74024.54	74063.28	74102.04	74140.80	74179.58	74218.38

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

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THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4273.0	74257.17	74295.98	74334.81	74373.65	74412.50	74451.36	74490.23	74529.12	74568.02	74606.93
4273.1	74645.84	74684.78	74723.73	74762.68	74801.65	74840.62	74879.62	74918.62	74957.64	74996.66
4273.2	75035.70	75074.76	75113.82	75152.90	75191.98	75231.08	75270.19	75309.31	75348.45	75387.59
4273.3	75426.75	75465.92	75505.10	75544.30	75583.50	75622.72	75661.95	75701.19	75740.44	75779.70
4273.4	75818.98	75858.27	75897.57	75936.88	75976.20	76015.54	76054.89	76094.25	76133.62	76173.00
4273.5	76212.40	76251.80	76291.23	76330.66	76370.09	76409.55	76449.02	76488.49	76527.98	76567.48
4273.6	76607.00	76646.52	76686.06	76725.61	76765.17	76804.74	76844.33	76883.93	76923.54	76963.16
4273.7	77002.79	77042.43	77082.09	77121.76	77161.44	77201.12	77240.83	77280.55	77320.27	77360.01
4273.8	77399.77	77439.52	77479.30	77519.09	77558.88	77598.70	77638.52	77678.35	77718.20	77758.05
4273.9	77797.92	77837.80	77877.70	77917.60	77957.52	77997.45	78037.38	78077.34	78117.30	78157.28
4274.0	78197.27	78237.27	78277.28	78317.30	78357.34	78397.38	78437.45	78477.52	78517.59	78557.69
4274.1	78597.80	78637.91	78678.05	78718.19	78758.34	78798.51	78838.69	78878.88	78919.08	78959.29
4274.2	78999.52	79039.75	79080.00	79120.26	79160.53	79200.82	79241.12	79281.42	79321.74	79362.07
4274.3	79402.41	79442.77	79483.14	79523.52	79563.91	79604.31	79644.73	79685.16	79725.59	79766.04
4274.4	79806.51	79846.98	79887.46	79927.96	79968.47	80008.99	80049.52	80090.07	80130.63	80171.20
4274.5	80211.78	80252.38	80292.98	80333.59	80374.22	80414.86	80455.52	80496.18	80536.85	80577.54
4274.6	80618.24	80658.95	80699.67	80740.41	80781.16	80821.91	80862.68	80903.47	80944.26	80985.06
4274.7	81025.88	81066.71	81107.55	81148.41	81189.27	81230.15	81271.04	81311.94	81352.85	81393.78
4274.8	81434.72	81475.66	81516.62	81557.59	81598.58	81639.58	81680.59	81721.60	81762.63	81803.68
4274.9	81844.73	81885.80	81926.88	81967.97	82009.07	82050.19	82091.31	82132.45	82173.60	82214.76
4275.0	82255.94	82297.12	82338.32	82379.52	82420.75	82461.98	82503.23	82544.48	82585.75	82627.03
4275.1	82668.32	82709.62	82750.95	82792.27	82833.61	82874.96	82916.33	82957.70	82999.09	83040.48
4275.2	83081.90	83123.32	83164.76	83206.20	83247.66	83289.12	83330.61	83372.10	83413.61	83455.12
4275.3	83496.66	83538.20	83579.75	83621.31	83662.89	83704.48	83746.08	83787.70	83829.32	83870.95
4275.4	83912.60	83954.27	83995.94	84037.62	84079.31	84121.02	84162.74	84204.47	84246.21	84287.97
4275.5	84329.73	84371.52	84413.30	84455.10	84496.92	84538.74	84580.58	84622.43	84664.29	84706.16
4275.6	84748.05	84789.95	84831.86	84873.78	84915.71	84957.66	84999.61	85041.58	85083.55	85125.55
4275.7	85167.55	85209.57	85251.59	85293.63	85335.69	85377.75	85419.83	85461.91	85504.01	85546.12
4275.8	85588.24	85630.38	85672.52	85714.68	85756.85	85799.03	85841.23	85883.43	85925.65	85967.88
4275.9	86010.12	86052.37	86094.63	86136.91	86179.20	86221.50	86263.81	86306.13	86348.47	86390.82
4276.0	86433.18	86475.55	86517.94	86560.34	86602.74	86645.17	86687.61	86730.06	86772.52	86815.00
4276.1	86857.49	86899.99	86942.52	86985.04	87027.59	87070.14	87112.71	87155.30	87197.89	87240.50
4276.2	87283.12	87325.76	87368.41	87411.07	87453.75	87496.44	87539.14	87581.85	87624.58	87667.32
4276.3	87710.08	87752.84	87795.62	87838.42	87881.23	87924.05	87966.88	88009.73	88052.59	88095.46
4276.4	88138.35	88181.25	88224.16	88267.09	88310.03	88352.98	88395.95	88438.92	88481.91	88524.92
4276.5	88567.94	88610.98	88654.02	88697.08	88740.15	88783.23	88826.33	88869.44	88912.56	88955.70
4276.6	88998.85	89042.02	89085.20	89128.38	89171.59	89214.80	89258.03	89301.27	89344.53	89387.80
4276.7	89431.09	89474.38	89517.69	89561.01	89604.34	89647.70	89691.05	89734.43	89777.82	89821.22
4276.8	89864.63	89908.06	89951.51	89994.96	90038.42	90081.91	90125.40	90168.91	90212.43	90255.96
4276.9	90299.51	90343.06	90386.64	90430.23	90473.83	90517.44	90561.06	90604.70	90648.35	90692.02

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

15:20:40

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
4277.0	90735.70	90779.39	90823.09	90866.81	90910.54	90954.29	90998.05	91041.81	91085.60	91129.40
4277.1	91173.21	91217.03	91260.87	91304.72	91348.58	91392.46	91436.34	91480.25	91524.16	91568.09
4277.2	91612.04	91655.99	91699.96	91743.95	91787.94	91831.95	91875.97	91920.01	91964.05	92008.11
4277.3	92052.19	92096.27	92140.38	92184.49	92228.62	92272.76	92316.91	92361.08	92405.26	92449.45
4277.4	92493.66	92537.88	92582.11	92626.36	92670.62	92714.89	92759.17	92803.47	92847.78	92892.11
4277.5	92936.45	92980.80	93025.16	93069.54	93113.93	93158.34	93202.75	93247.19	93291.62	93336.09
4277.6	93380.55	93425.04	93469.54	93514.05	93558.57	93603.10	93647.66	93692.22	93736.80	93781.38
4277.7	93825.98	93870.60	93915.23	93959.87	94004.52	94049.20	94093.88	94138.57	94183.28	94228.00
4277.8	94272.73	94317.48	94362.24	94407.02	94451.80	94496.60	94541.41	94586.24	94631.09	94675.94
4277.9	94720.80	94765.68	94810.57	94855.48	94900.40	94945.33	94990.27	95035.23	95080.20	95125.20
4278.0	95170.19	95215.20	95260.23	95305.27	95350.31	95395.38	95440.45	95485.55	95530.65	95575.77
4278.1	95620.90	95666.04	95711.20	95756.37	95801.55	95846.75	95891.95	95937.18	95982.41	96027.66
4278.2	96072.92	96118.20	96163.49	96208.79	96254.11	96299.44	96344.77	96390.13	96435.50	96480.88
4278.3	96526.27	96571.68	96617.10	96662.53	96707.98	96753.44	96798.91	96844.40	96889.90	96935.41
4278.4	96980.94	97026.48	97072.03	97117.59	97163.18	97208.77	97254.38	97299.99	97345.62	97391.27
4278.5	97436.93	97482.60	97528.28	97573.98	97619.69	97665.41	97711.15	97756.91	97802.66	97848.45
4278.6	97894.23	97940.04	97985.85	98031.68	98077.52	98123.38	98169.25	98215.13	98261.03	98306.94
4278.7	98352.86	98398.80	98444.74	98490.70	98536.68	98582.66	98628.67	98674.68	98720.71	98766.75
4278.8	98812.80	98858.88	98904.95	98951.05	98997.16	99043.27	99089.41	99135.55	99181.71	99227.88
4278.9	99274.07	99320.27	99366.48	99412.71	99458.95	99505.20	99551.46	99597.74	99644.03	99690.34
4279.0	99736.66	99782.98	99829.34	99875.69	99922.06	99968.45	100014.84	100061.25	100107.67	100154.11
4279.1	100200.56	100247.02	100293.50	100339.99	100386.49	100433.01	100479.54	100526.08	100572.64	100619.20
4279.2	100665.79	100712.38	100758.99	100805.61	100852.25	100898.90	100945.55	100992.23	101038.91	101085.62
4279.3	101132.34	101179.06	101225.80	101272.55	101319.32	101366.10	101412.89	101459.70	101506.52	101553.35
4279.4	101600.20	101647.05	101693.93	101740.81	101787.71	101834.62	101881.55	101928.48	101975.44	102022.41
4279.5	102069.38	102116.38	102163.38	102210.39	102257.42	102304.47	102351.52	102398.59	102445.68	102492.77
4279.6	102539.88	102587.01	102634.14	102681.30	102728.45	102775.63	102822.82	102870.02	102917.24	102964.47
4279.7	103011.71	103058.96	103106.23	103153.52	103200.80	103248.12	103295.44	103342.77	103390.12	103437.48
4279.8	103484.85	103532.24	103579.64	103627.05	103674.48	103721.92	103769.38	103816.84	103864.32	103911.81
4279.9	103959.31	104006.84	104054.37	104101.91	104149.47	104197.04	104244.62	104292.23	104339.84	104387.46
4280.0	104435.10	104482.75	104530.42	104578.11	104625.80	104673.52	104721.25	104769.00	104816.77	104864.55
4280.1	104912.34	104960.15	105007.98	105055.82	105103.68	105151.55	105199.45	105247.35	105295.27	105343.22
4280.2	105391.17	105439.14	105487.12	105535.13	105583.15	105631.18	105679.23	105727.30	105775.38	105823.48
4280.3	105871.59	105919.72	105967.87	106016.03	106064.20	106112.40	106160.61	106208.84	106257.07	106305.33
4280.4	106353.60	106401.89	106450.20	106498.52	106546.85	106595.20	106643.58	106691.96	106740.36	106788.77
4280.5	106837.20	106885.66	106934.12	106982.60	107031.09	107079.60	107128.13	107176.68	107225.23	107273.81
4280.6	107322.40	107371.01	107419.63	107468.27	107516.92	107565.59	107614.28	107662.98	107711.70	107760.44
4280.7	107809.19	107857.95	107906.73	107955.53	108004.34	108053.18	108102.02	108150.88	108199.77	108248.66
4280.8	108297.56	108346.49	108395.43	108444.39	108493.36	108542.35	108591.35	108640.38	108689.41	108738.46
4280.9	108787.53	108836.62	108885.72	108934.84	108983.97	109033.12	109082.28	109131.46	109180.66	109229.87

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

15:20:40

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
4281.0	109279.09	109328.34	109377.59	109426.87	109476.16	109525.47	109574.79	109624.13	109673.48	109722.86
4281.1	109772.24	109821.65	109871.06	109920.50	109969.95	110019.41	110068.90	110118.40	110167.91	110217.44
4281.2	110266.98	110316.55	110366.12	110415.72	110465.33	110514.95	110564.59	110614.25	110663.92	110713.61
4281.3	110763.32	110813.04	110862.77	110912.53	110962.30	111012.08	111061.88	111111.70	111161.53	111211.38
4281.4	111261.24	111311.12	111361.02	111410.93	111460.86	111510.80	111560.76	111610.73	111660.73	111710.73
4281.5	111760.76	111810.80	111860.85	111910.92	111961.01	112011.11	112061.23	112111.37	112161.52	112211.68
4281.6	112261.87	112312.06	112362.27	112412.51	112462.75	112513.02	112563.29	112613.59	112663.90	112714.22
4281.7	112764.56	112814.92	112865.29	112915.68	112966.09	113016.51	113066.95	113117.40	113167.87	113218.35
4281.8	113268.85	113319.37	113369.90	113420.45	113471.02	113521.59	113572.19	113622.80	113673.43	113724.07
4281.9	113774.73	113825.41	113876.10	113926.80	113977.53	114028.27	114079.02	114129.80	114180.58	114231.38
4282.0	114282.20	114333.04	114383.89	114434.75	114485.63	114536.53	114587.45	114638.38	114689.33	114740.29
4282.1	114791.27	114842.26	114893.27	114944.30	114995.34	115046.39	115097.47	115148.55	115199.66	115250.78
4282.2	115301.92	115353.07	115404.24	115455.42	115506.62	115557.84	115609.08	115660.32	115711.59	115762.87
4282.3	115814.16	115865.48	115916.80	115968.15	116019.51	116070.88	116122.27	116173.68	116225.10	116276.55
4282.4	116328.00	116379.47	116430.96	116482.46	116533.98	116585.52	116637.06	116688.63	116740.21	116791.81
4282.5	116843.43	116895.05	116946.70	116998.37	117050.05	117101.73	117153.45	117205.17	117256.91	117308.67
4282.6	117360.45	117412.23	117464.04	117515.86	117567.70	117619.55	117671.42	117723.30	117775.20	117827.12
4282.7	117879.05	117931.00	117982.97	118034.95	118086.95	118138.95	118190.98	118243.03	118295.09	118347.16
4282.8	118399.26	118451.37	118503.48	118555.62	118607.78	118659.95	118712.14	118764.34	118816.56	118868.80
4282.9	118921.05	118973.31	119025.59	119077.90	119130.21	119182.54	119234.89	119287.25	119339.62	119392.02
4283.0	119444.43	119496.86	119549.30	119601.76	119654.23	119706.72	119759.23	119811.75	119864.28	119916.84
4283.1	119969.41	120021.99	120074.59	120127.21	120179.84	120232.49	120285.16	120337.84	120390.53	120443.24
4283.2	120495.97	120548.72	120601.48	120654.25	120707.05	120759.85	120812.67	120865.52	120918.37	120971.24
4283.3	121024.12	121077.03	121129.95	121182.88	121235.84	121288.80	121341.79	121394.79	121447.80	121500.83
4283.4	121553.88	121606.94	121660.02	121713.11	121766.22	121819.34	121872.49	121925.65	121978.82	122032.01
4283.5	122085.22	122138.44	122191.67	122244.93	122298.20	122351.48	122404.78	122458.10	122511.43	122564.78
4283.6	122618.15	122671.52	122724.92	122778.34	122831.77	122885.21	122938.67	122992.15	123045.63	123099.14
4283.7	123152.67	123206.21	123259.77	123313.34	123366.92	123420.52	123474.15	123527.78	123581.43	123635.10
4283.8	123688.78	123742.48	123796.20	123849.94	123903.67	123957.44	124011.21	124065.01	124118.82	124172.64
4283.9	124226.48	124280.34	124334.22	124388.11	124442.02	124495.94	124549.88	124603.83	124657.80	124711.78
4284.0	124765.78	124819.80	124873.82	124927.86	124981.91	125035.97	125090.04	125144.12	125198.21	125252.32
4284.1	125306.44	125360.56	125414.70	125468.85	125523.01	125577.18	125631.37	125685.56	125739.77	125793.98
4284.2	125848.21	125902.45	125956.70	126010.96	126065.23	126119.52	126173.81	126228.12	126282.44	126336.77
4284.3	126391.11	126445.46	126499.82	126554.20	126608.59	126662.98	126717.39	126771.80	126826.23	126880.68
4284.4	126935.13	126989.59	127044.07	127098.55	127153.05	127207.56	127262.09	127316.62	127371.16	127425.71
4284.5	127480.28	127534.85	127589.45	127644.04	127698.65	127753.27	127807.91	127862.55	127917.20	127971.87
4284.6	128026.55	128081.23	128135.94	128190.65	128245.37	128300.10	128354.84	128409.60	128464.37	128519.15
4284.7	128573.94	128628.74	128683.55	128738.38	128793.21	128848.05	128902.91	128957.78	129012.66	129067.55
4284.8	129122.45	129177.37	129232.29	129287.23	129342.17	129397.13	129452.10	129507.09	129562.08	129617.08
4284.9	129672.09	129727.12	129782.16	129837.20	129892.27	129947.34	130002.41	130057.51	130112.61	130167.73

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ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4285.0	130222.85	130277.99	130333.14	130388.30	130443.48	130498.66	130553.85	130609.05	130664.27	130719.50
4285.1	130774.74	130829.99	130885.25	130940.52	130995.81	131051.10	131106.41	131161.73	131217.06	131272.39
4285.2	131327.75	131383.11	131438.48	131493.88	131549.27	131604.67	131660.09	131715.52	131770.97	131826.42
4285.3	131881.88	131937.36	131992.84	132048.34	132103.84	132159.38	132214.91	132270.44	132326.00	132381.56
4285.4	132437.14	132492.72	132548.33	132603.94	132659.55	132715.19	132770.83	132826.48	132882.14	132937.83
4285.5	132993.52	133049.22	133104.92	133160.64	133216.38	133272.12	133327.88	133383.64	133439.42	133495.22
4285.6	133551.02	133606.83	133662.66	133718.48	133774.33	133830.19	133886.05	133941.94	133997.83	134053.72
4285.7	134109.64	134165.56	134221.50	134277.45	134333.41	134389.38	134445.36	134501.34	134557.34	134613.36
4285.8	134669.39	134725.42	134781.47	134837.53	134893.59	134949.69	135005.78	135061.88	135118.00	135174.12
4285.9	135230.27	135286.41	135342.56	135398.73	135454.92	135511.11	135567.31	135623.53	135679.77	135736.00
4286.0	135792.25	135848.52	135904.78	135961.06	136017.36	136073.67	136129.98	136186.31	136242.66	136299.00
4286.1	136355.38	136411.75	136468.12	136524.53	136580.94	136637.34	136693.78	136750.22	136806.67	136863.14
4286.2	136919.61	136976.09	137032.59	137089.11	137145.62	137202.16	137258.69	137315.25	137371.81	137428.39
4286.3	137484.97	137541.58	137598.19	137654.80	137711.44	137768.08	137824.73	137881.39	137938.08	137994.77
4286.4	138051.47	138108.17	138164.89	138221.62	138278.38	138335.12	138391.89	138448.67	138505.45	138562.27
4286.5	138619.08	138675.89	138732.73	138789.58	138846.44	138903.30	138960.17	139017.06	139073.97	139130.88
4286.6	139187.81	139244.73	139301.69	139358.64	139415.61	139472.59	139529.58	139586.59	139643.61	139700.62
4286.7	139757.66	139814.70	139871.77	139928.84	139985.92	140043.02	140100.11	140157.23	140214.36	140271.50
4286.8	140328.64	140385.80	140442.97	140500.16	140557.34	140614.55	140671.77	140729.00	140786.23	140843.48
4286.9	140900.75	140958.02	141015.30	141072.59	141129.91	141187.22	141244.55	141301.89	141359.23	141416.59
4287.0	141473.97	141531.36	141588.75	141646.16	141703.58	141761.00	141818.45	141875.91	141933.36	141990.84
4287.1	142048.33	142105.81	142163.33	142220.84	142278.38	142335.92	142393.47	142451.03	142508.61	142566.20
4287.2	142623.80	142681.41	142739.03	142796.66	142854.30	142911.95	142969.62	143027.30	143084.98	143142.69
4287.3	143200.39	143258.11	143315.84	143373.59	143431.34	143489.11	143546.89	143604.67	143662.48	143720.30
4287.4	143778.11	143835.95	143893.80	143951.64	144009.52	144067.39	144125.28	144183.19	144241.09	144299.02
4287.5	144356.95	144414.91	144472.86	144530.83	144588.81	144646.80	144704.80	144762.81	144820.84	144878.88
4287.6	144936.92	144994.98	145053.05	145111.12	145169.22	145227.33	145285.44	145343.56	145401.70	145459.84
4287.7	145518.02	145576.19	145634.36	145692.56	145750.77	145808.97	145867.20	145925.44	145983.69	146041.95
4287.8	146100.22	146158.50	146216.80	146275.11	146333.42	146391.75	146450.09	146508.44	146566.80	146625.17
4287.9	146683.56	146741.95	146800.36	146858.78	146917.20	146975.64	147034.09	147092.56	147151.03	147209.52
4288.0	147268.02	147326.52	147385.03	147443.56	147502.11	147560.66	147619.20	147677.78	147736.36	147794.94
4288.1	147853.53	147912.14	147970.77	148029.39	148088.03	148146.67	148205.33	148264.00	148322.67	148381.36
4288.2	148440.06	148498.77	148557.48	148616.22	148674.95	148733.70	148792.47	148851.23	148910.02	148968.80
4288.3	149027.59	149086.41	149145.22	149204.05	149262.89	149321.73	149380.59	149439.47	149498.34	149557.23
4288.4	149616.12	149675.05	149733.95	149792.89	149851.83	149910.78	149969.73	150028.70	150087.69	150146.67
4288.5	150205.67	150264.69	150323.70	150382.73	150441.77	150500.81	150559.88	150618.95	150678.03	150737.12
4288.6	150796.22	150855.33	150914.45	150973.58	151032.72	151091.86	151151.03	151210.20	151269.38	151328.56
4288.7	151387.77	151446.98	151506.20	151565.42	151624.67	151683.92	151743.17	151802.45	151861.73	151921.02
4288.8	151980.33	152039.62	152098.95	152158.28	152217.62	152276.97	152336.33	152395.70	152455.09	152514.48
4288.9	152573.88	152633.30	152692.70	152752.14	152811.58	152871.03	152930.50	152989.97	153049.45	153108.94

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

(ACAP92) COMPUTED

2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

15:20:40

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
4289.0	153168.44	153227.95	153287.47	153347.00	153406.55	153466.09	153525.66	153585.23	153644.81	153704.41
4289.1	153764.00	153823.62	153883.23	153942.88	154002.52	154062.17	154121.83	154181.50	154241.19	154300.88
4289.2	154360.58	154420.30	154480.02	154539.75	154599.48	154659.23	154719.00	154778.78	154838.56	154898.34
4289.3	154958.16	155017.97	155077.78	155137.62	155197.47	155257.31	155317.19	155377.05	155436.94	155496.83
4289.4	155556.73	155616.64	155676.56	155736.50	155796.45	155856.41	155916.36	155976.34	156036.31	156096.31
4289.5	156156.31	156216.33	156276.36	156336.39	156396.44	156456.48	156516.55	156576.62	156636.70	156696.80
4289.6	156756.91	156817.02	156877.14	156937.28	156997.42	157057.58	157117.73	157177.92	157238.09	157298.30
4289.7	157358.50	157418.72	157478.94	157539.17	157599.42	157659.67	157719.94	157780.20	157840.50	157900.80
4289.8	157961.09	158021.41	158081.73	158142.06	158202.41	158262.77	158323.14	158383.52	158443.89	158504.30
4289.9	158564.69	158625.11	158685.53	158745.97	158806.42	158866.88	158927.34	158987.81	159048.30	159108.80
4290.0	159169.30	159229.81	159290.34	159350.88	159411.42	159471.98	159532.55	159593.12	159653.70	159714.30
4290.1	159774.91	159835.53	159896.16	159956.78	160017.44	160078.09	160138.77	160199.44	160260.12	160320.81
4290.2	160381.53	160442.23	160502.97	160563.70	160624.45	160685.20	160745.97	160806.75	160867.53	160928.33
4290.3	160989.14	161049.95	161110.78	161171.62	161232.47	161293.33	161354.20	161415.08	161475.95	161536.86
4290.4	161597.77	161658.69	161719.61	161780.55	161841.50	161902.45	161963.42	162024.41	162085.39	162146.39
4290.5	162207.39	162268.41	162329.44	162390.47	162451.53	162512.58	162573.66	162634.73	162695.81	162756.92
4290.6	162818.03	162879.14	162940.27	163001.41	163062.56	163123.72	163184.89	163246.06	163307.25	163368.45
4290.7	163429.66	163490.88	163552.11	163613.34	163674.59	163735.86	163797.12	163858.41	163919.69	163980.98
4290.8	164042.30	164103.62	164164.95	164226.28	164287.64	164349.00	164410.36	164471.75	164533.14	164594.53
4290.9	164655.94	164717.36	164778.80	164840.23	164901.69	164963.14	165024.61	165086.09	165147.58	165209.08
4291.0	165270.59	165332.11	165393.64	165455.19	165516.73	165578.30	165639.86	165701.44	165763.03	165824.64
4291.1	165886.25	165947.86	166009.50	166071.14	166132.78	166194.45	166256.12	166317.80	166379.48	166441.19
4291.2	166502.91	166564.62	166626.36	166688.09	166749.84	166811.61	166873.38	166935.16	166996.95	167058.75
4291.3	167120.56	167182.39	167244.22	167306.06	167367.91	167429.77	167491.64	167553.53	167615.42	167677.31
4291.4	167739.23	167801.16	167863.08	167925.05	167986.98	168048.94	168110.91	168172.91	168234.91	168296.91
4291.5	168358.91	168420.92	168482.95	168545.00	168607.05	168669.09	168731.19	168793.27	168855.36	168917.45
4291.6	168979.58	169041.70	169103.81	169165.95	169228.12	169290.28	169352.45	169414.64	169476.84	169539.05
4291.7	169601.23	169663.48	169725.70	169787.95	169850.20	169912.45	169974.77	170037.05	170099.31	170161.62
4291.8	170223.94	170286.27	170348.59	170410.94	170473.30	170535.66	170598.05	170660.41	170722.81	170785.20
4291.9	170847.62	170910.05	170972.48	171034.92	171097.38	171159.84	171222.31	171284.80	171347.30	171409.80
4292.0	171472.31	171534.84	171597.38	171659.91	171722.45	171785.02	171847.59	171910.16	171972.77	172035.34
4292.1	172097.94	172160.55	172223.16	172285.78	172348.42	172411.06	172473.72	172536.38	172599.05	172661.72
4292.2	172724.41	172787.09	172849.80	172912.52	172975.23	173037.95	173100.70	173163.44	173226.20	173288.95
4292.3	173351.73	173414.52	173477.30	173540.09	173602.91	173665.72	173728.55	173791.36	173854.20	173917.05
4292.4	173979.91	174042.77	174105.64	174168.55	174231.42	174294.31	174357.22	174420.14	174483.06	174546.00
4292.5	174608.94	174671.91	174734.84	174797.81	174860.78	174923.77	174986.77	175049.77	175112.77	175175.78
4292.6	175238.81	175301.84	175364.91	175427.94	175491.00	175554.08	175617.16	175680.23	175743.31	175806.44
4292.7	175869.55	175932.66	175995.80	176058.92	176122.08	176185.23	176248.41	176311.56	176374.73	176437.92
4292.8	176501.12	176564.31	176627.55	176690.77	176754.00	176817.23	176880.48	176943.73	177007.00	177070.28
4292.9	177133.56	177196.84	177260.16	177323.45	177386.78	177450.09	177513.44	177576.77	177640.12	177703.48

LAKE SUMNER - CARLSBAD PROJECT, NEW MEXICO

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2013 AREA-CAPACITY TABLES (NAVD88)

4/14/2014

15:20:40

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
4293.0	177766.84	177830.22	177893.59	177957.00	178020.41	178083.81	178147.23	178210.66	178274.09	178337.55
4293.1	178400.98	178464.45	178527.92	178591.41	178654.88	178718.38	178781.88	178845.41	178908.91	178972.44
4293.2	179035.98	179099.52	179163.08	179226.64	179290.22	179353.80	179417.38	179480.98	179544.58	179608.20
4293.3	179671.81	179735.45	179799.09	179862.73	179926.41	179990.06	180053.73	180117.42	180181.09	180244.81
4293.4	180308.52	180372.23	180435.95	180499.69	180563.44	180627.19	180690.94	180754.70	180818.48	180882.27
4293.5	180946.06	181009.86	181073.69	181137.48	181201.31	181265.16	181329.00	181392.84	181456.70	181520.58
4293.6	181584.45	181648.34	181712.23	181776.14	181840.06	181903.98	181967.91	182031.84	182095.80	182159.77
4293.7	182223.70	182287.69	182351.66	182415.66	182479.64	182543.66	182607.69	182671.69	182735.72	182799.77
4293.8	182863.81	182927.88	182991.94	183056.00	183120.09	183184.19	183248.28	183312.41	183376.50	183440.62
4293.9	183504.77	183568.91	183633.06	183697.22	183761.41	183825.56	183889.77	183953.94	184018.14	184082.36
4294.0	184146.58	184210.80	184275.05	184339.28	184403.55	184467.80	184532.06	184596.34	184660.62	184724.92
4294.1	184789.23	184853.55	184917.86	184982.19	185046.55	185110.88	185175.23	185239.59	185303.95	185368.34
4294.2	185432.73	185497.14	185561.55	185625.95	185690.38	185754.81	185819.23	185883.70	185948.16	186012.62
4294.3	186077.09	186141.58	186206.08	186270.58	186335.08	186399.59	186464.12	186528.66	186593.20	186657.77
4294.4	186722.31	186786.88	186851.45	186916.05	186980.64	187045.23	187109.84	187174.45	187239.09	187303.73
4294.5	187368.38	187433.05	187497.69	187562.36	187627.05	187691.73	187756.42	187821.12	187885.84	187950.56
4294.6	188015.30	188080.05	188144.78	188209.55	188274.30	188339.08	188403.86	188468.64	188533.44	188598.23
4294.7	188663.06	188727.91	188792.72	188857.56	188922.41	188987.27	189052.14	189117.02	189181.91	189246.78
4294.8	189311.69	189376.59	189441.52	189506.44	189571.38	189636.31	189701.27	189766.23	189831.20	189896.19
4294.9	189961.16	190026.16	190091.16	190156.19	190221.19	190286.22	190351.23	190416.30	190481.36	190546.42
4295.0	190611.48	190676.56	190741.66	190806.77	190871.86	190936.95	191002.09	191067.22	191132.36	191197.50
4295.1	191262.66	191327.81	191393.00	191458.19	191523.38	191588.58	191653.78	191719.00	191784.22	191849.45
4295.2	191914.69	191979.94	192045.20	192110.45	192175.73	192241.05	192306.31	192371.62	192436.92	192502.23
4295.3	192567.58	192632.91	192698.23	192763.59	192828.95	192894.31	192959.70	193025.09	193090.48	193155.91
4295.4	193221.31	193286.72	193352.16	193417.59	193483.05	193548.48	193613.95	193679.42	193744.91	193810.41
4295.5	193875.91	193941.41	194006.91	194072.44	194137.95	194203.50	194269.05	194334.59	194400.19	194465.77
4295.6	194531.31	194596.92	194662.52	194728.12	194793.73	194859.36	194925.00	194990.64	195056.30	195121.95
4295.7	195187.59	195253.30	195318.95	195384.69	195450.38	195516.08	195581.80	195647.55	195713.27	195779.00
4295.8	195844.77	195910.52	195976.28	196042.06	196107.84	196173.64	196239.45	196305.27	196371.08	196436.91
4295.9	196502.77	196568.59	196634.45	196700.31	196766.19	196832.06	196897.95	196963.84	197029.77	197095.69
4296.0	197161.59	197227.55	197293.45	197359.42	197425.38	197491.34	197557.31	197623.30	197689.28	197755.28
4296.1	197821.30	197887.31	197953.34	198019.38	198085.42	198151.45	198217.55	198283.59	198349.69	198415.78
4296.2	198481.88	198547.95	198614.09	198680.20	198746.34	198812.48	198878.62	198944.78	199010.95	199077.12
4296.3	199143.31	199209.50	199275.70	199341.91	199408.12	199474.36	199540.59	199606.81	199673.09	199739.34
4296.4	199805.59	199871.91	199938.19	200004.48	200070.78	200137.09	200203.42	200269.77	200336.09	200402.44
4296.5	200468.80	200535.16	200601.55	200667.91	200734.31	200800.70	200867.09	200933.55	200999.95	201066.41
4296.6	201132.81	201199.28	201265.77	201332.22	201398.69	201465.19	201531.69	201598.19	201664.69	201731.22
4296.7	201797.77	201864.28	201930.81	201997.41	202063.95	202130.55	202197.09	202263.70	202330.30	202396.91
4296.8	202463.55	202530.16	202596.78	202663.42	202730.08	202796.73	202863.41	202930.08	202996.77	203063.45
4296.9	203130.19	203196.88	203263.59	203330.31	203397.08	203463.81	203530.58	203597.34	203664.09	203730.91

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THE ELEVATION INCREMENT IS ONE HUNDREDTH FOOT

ELEV. FEET	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
4297.0	203797.69	203864.48	203931.30	203998.09	204064.94	204131.77	204198.59	204265.45	204332.31	204399.19
4297.1	204466.06	204532.95	204599.84	204666.77	204733.66	204800.58	204867.52	204934.45	205001.41	205068.34
4297.2	205135.31	205202.28	205269.27	205336.27	205403.23	205470.27	205537.28	205604.31	205671.34	205738.38
4297.3	205805.44	205872.48	205939.56	206006.64	206073.72	206140.81	206207.92	206275.05	206342.16	206409.28
4297.4	206476.42	206543.56	206610.72	206677.88	206745.05	206812.23	206879.42	206946.62	207013.81	207081.05
4297.5	207148.27	207215.50	207282.77	207350.00	207417.23	207484.52	207551.80	207619.08	207686.38	207753.69
4297.6	207820.98	207888.31	207955.64	208022.95	208090.31	208157.69	208225.05	208292.41	208359.80	208427.19
4297.7	208494.58	208561.98	208629.41	208696.81	208764.23	208831.70	208899.14	208966.59	209034.08	209101.55
4297.8	209169.05	209236.55	209304.05	209371.55	209439.06	209506.58	209574.12	209641.69	209709.22	209776.78
4297.9	209844.36	209911.94	209979.55	210047.12	210114.73	210182.34	210249.95	210317.59	210385.23	210452.91
4298.0	210520.55	210588.22	210655.91	210723.58	210791.27	210858.95	210926.69	210994.41	211062.12	211129.86
4298.1	211197.59	211265.36	211333.12	211400.91	211468.69	211536.45	211604.27	211672.06	211739.88	211807.70
4298.2	211875.55	211943.38	212011.22	212079.08	212146.95	212214.81	212282.70	212350.59	212418.50	212486.41
4298.3	212554.31	212622.23	212690.19	212758.14	212826.09	212894.05	212962.02	213030.00	213097.98	213165.98
4298.4	213233.98	213302.00	213370.05	213438.06	213506.09	213574.14	213642.20	213710.27	213778.34	213846.42
4298.5	213914.52	213982.62	214050.73	214118.84	214186.95	214255.09	214323.23	214391.41	214459.56	214527.73
4298.6	214595.92	214664.09	214732.30	214800.50	214868.72	214936.94	215005.19	215073.41	215141.66	215209.92
4298.7	215278.19	215346.45	215414.73	215483.05	215551.31	215619.64	215687.95	215756.28	215824.62	215892.95
4298.8	215961.31	216029.69	216098.05	216166.42	216234.81	216303.20	216371.59	216440.05	216508.45	216576.88
4298.9	216645.31	216713.77	216782.22	216850.69	216919.16	216987.64	217056.14	217124.64	217193.14	217261.66
4299.0	217330.19									