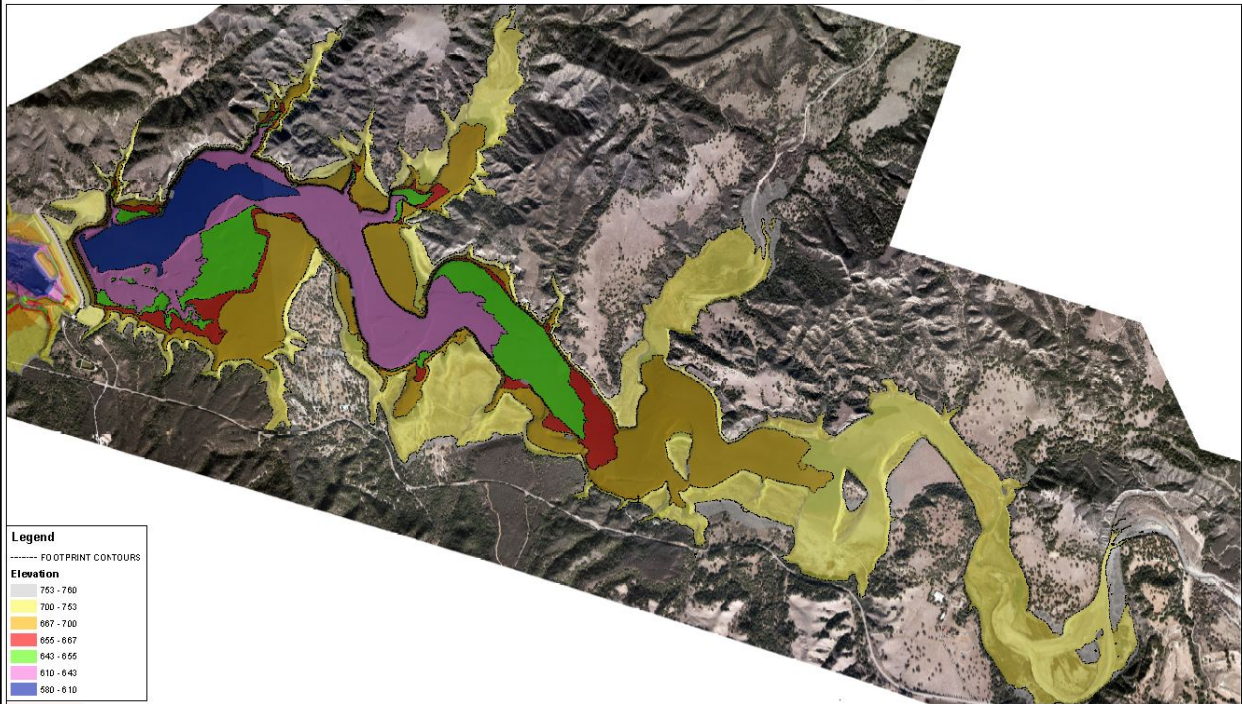


**County of Santa Barbara
Public Works Department
Water Agency
Lake Cachuma
Formed by Bradbury Dam
Results of 2013
Survey & Sedimentation Update**



Prepared by Wallace Group
Survey Date: December 2013
Report Date: February 17, 2014



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Appendix A – Controls

Project Introduction

Lake Cachuma is an artificial lake located in the Santa Ynez Valley in Santa Barbara County. The Lake is located on the Santa Ynez River adjoining California State Route 154. The reservoir was created by the construction of Bradbury Dam, a 201-foot earth structure built by the U.S. Bureau of Reclamation in 1953. The water from the Lake serves several cities downstream including Santa Ynez Valley and south coast as well as farming in the Lompoc area. Its surface area covers 3,100 acres with an original design capacity of 205,000 acre-feet. The Lake captures storm runoff from approximately 416 square miles of watershed area.



Executive Summary

The original projection for Lake Cachuma is for enough water to supply its customers for up to seven years. Surveys are performed periodically to verify that the capacity has not been diminished by sediment inflow or other factors. Surveys have been performed in the past in years 2000 and 2008. All three surveys show good overall correlation. At the lowest elevations, the surveys show a trend towards less surface area, typical of sediment deposition. However, the overall impact on reservoir storage is small. A greater difference is seen in the between years 2000 and 2008 than between 2008 and 2013.

The field survey methodology was to combine ground GPS field survey with bathymetric survey and aerial survey to provide complete coverage of the lake. The results of the survey have been completed and this report is intended to provide updated data for the storage capacity for Lake Cachuma and provide current data regarding sedimentation influx to the lake. Survey mapping was performed from the lowest point of the basin, at elevation 600 feet, up to the 757 foot elevation (NGVD 29); mapping was also performed north of the dam. We observed that that lake has lost some capacity. The primary volume impact is below elevation 610 (NGVD 29). Included are volume elevation and capacity which provide detailed information on storage capacity.

Survey Control

The field survey was derived from static observations and adjusted utilizing Online Position User service (OPUS) to NAD 88 horizontal datum and NAVD 88 vertical datum at points 20 and 35. The resulting values were inversed and field verified for data quality. These values were provided to the bathymetric survey crew for consistency. The survey team also measured key vertical control in NGVD 29 for preparing a project transformation and provided reports in NGVD 29 and NAVD 88 Datum. The remaining control consisted of aerial panels for aerial mapping and we worked closely with county staff for access and coordination with property owners. Panel locations were specified by C&C Aerial. Several panels required relocation due to onsite constraints including livestock and highway traffic. C&C's local presence allowed for direct communication and quick adjustment in the field. The panel values were provided to C&C, along with photos for each panel location. Wallace Group measured key spot elevations for verifying relative precision of Aerial Survey mapping. The ground survey was performed December 14 through 19, 2013. The Ground control panels for the flight were set using Trimble R-8 receivers. These receivers are state-of-the-art GPS units utilizing the Global Navigation Satellite System (GNSS). United States Bureau of Reclamation Water Level Recorder Benchmarks were observed for conversion to NGVD 29 datum.



Figure 1:
Survey Base Point #20



Figure 2:
Survey Base Point 35



Figure 3:
USBR Survey Benchmark=Elevation 758.09 feet (NGVD 29) Elevation=760.47 Observed (NAVD 88)

Aerial Survey

The project was flown on December 20, 2012 and airborne GPS was utilized to limit the necessary ground targets to 14. This reduced the number of private property access issues. The flying height was 3,875 feet ABL and the photo scale was 8.5cm Ground Sampling Distance (GSD). One hundred seventy six (176) stereo models were created from which the topographic data was measured and compiled.

Mapping

Contour mapping was performed from the bathymetric and aerial survey data from the lowest point in the reservoir of 601 feet to the crest of the dam at 760 feet (NAVD 88). A contour map was prepared showing the 2-foot contour interval.

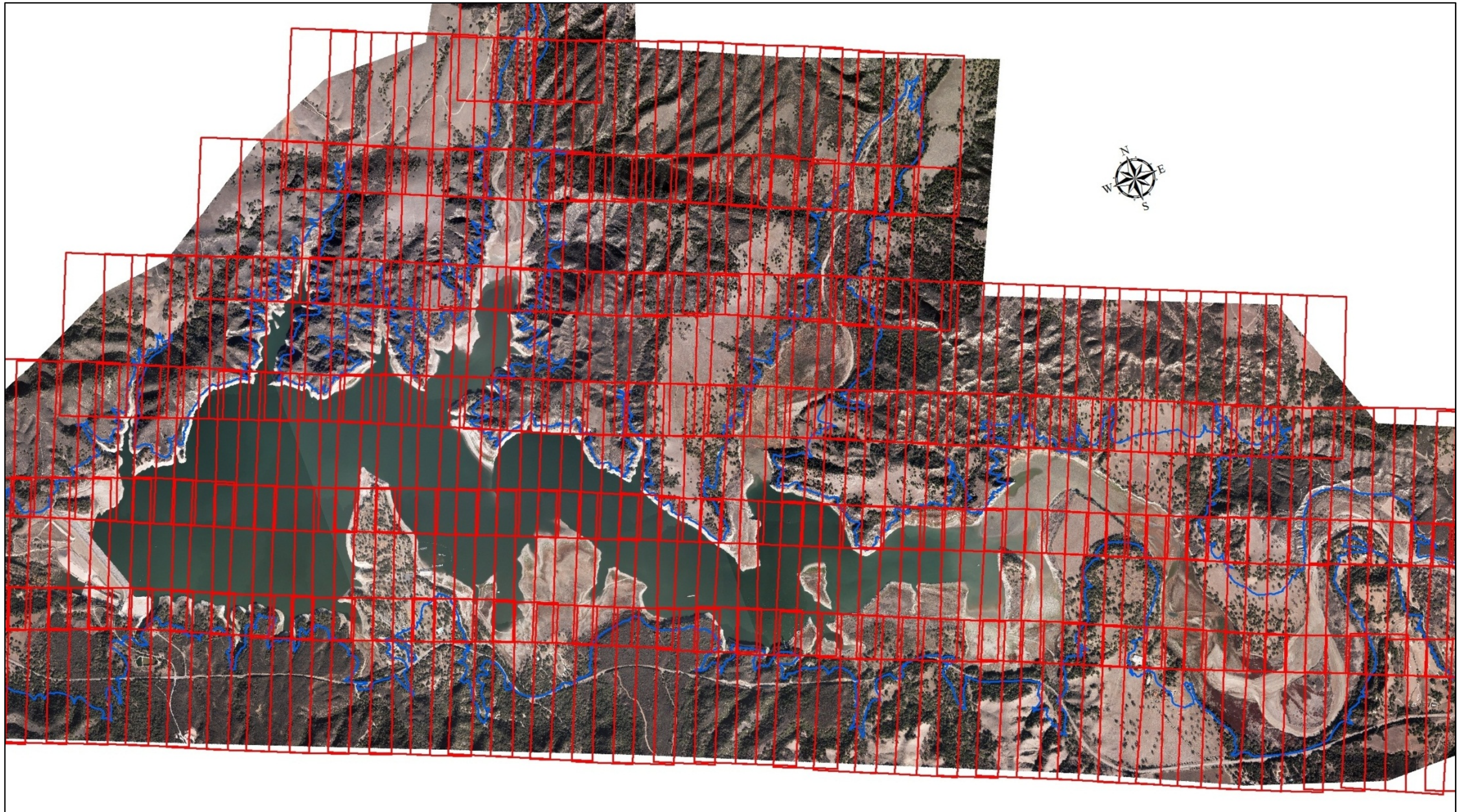


Figure 4:
Stereo Models overlaid on project limits; 176 models were compiled, mapping scale 1"=100ft, and 2ft contour intervals

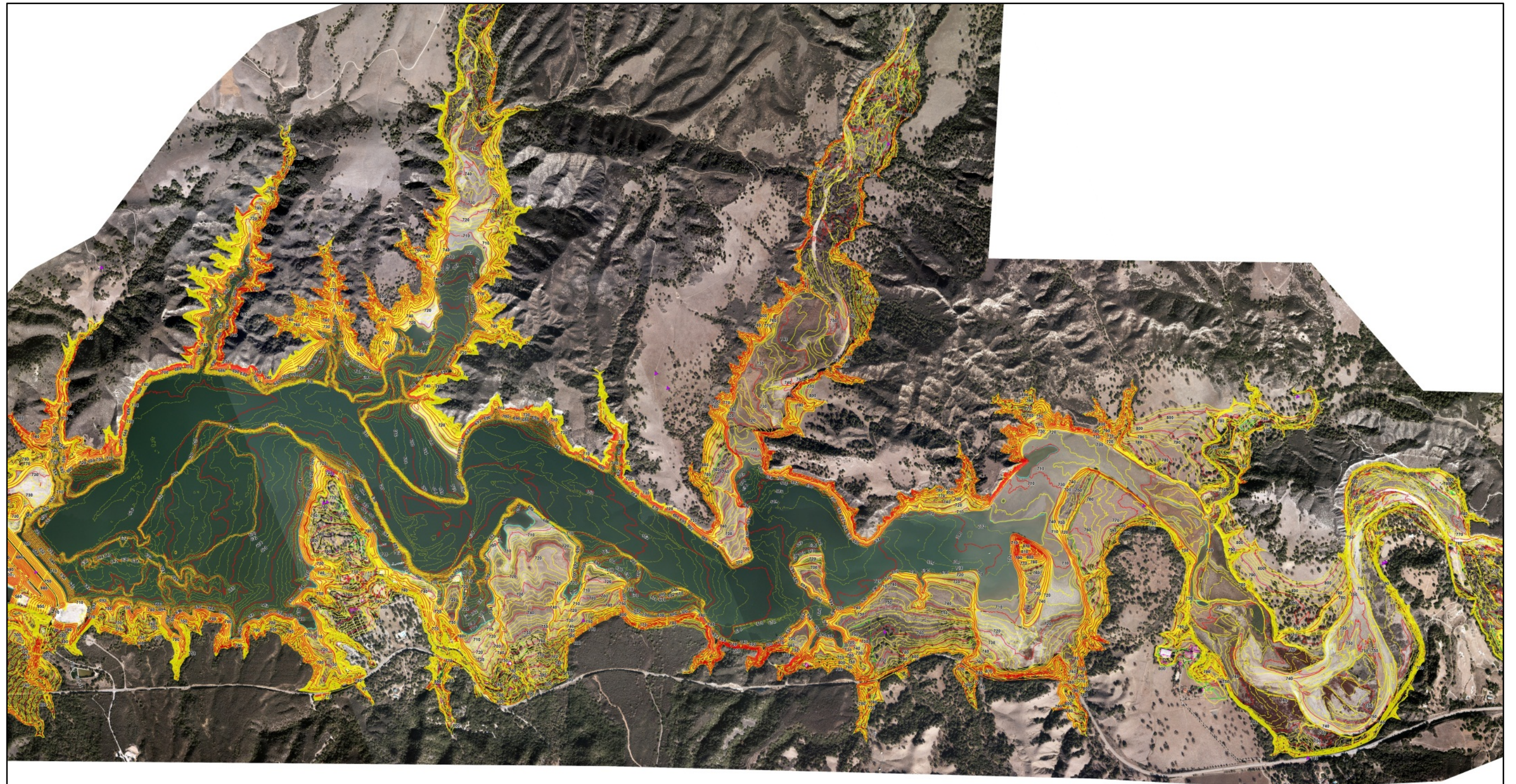


Figure 5
1000 Scale Contours

Bathymetric Survey

The survey was conducted using multi-beam and single-beam bathymetric survey technology along with RTK GPS positioning integrated with a computer navigation system.

Multi-beam bathymetry data was collected where water depths were 10 feet or more within the proposed survey area with a 27' survey vessel mobilized with an R2Sonic Multi-beam swath bathymetry system using precise Real Time Kinematic (RTK) GPS positioning. The RTK system was referenced to on shore survey control providing real-time vertical and horizontal positioning making the use of a water level gauge unnecessary.

In areas where water depths were 10ft or less a 17' skiff mobilized with an Odom CV100 single-beam bathymetry system using precise Real Time Kinematic (RTK) GPS positioning system as used for the multi-beam data acquisition phase. The multi-beam swath bathymetry system provided complete bottom coverage throughout the survey area where water depths were greater than 10 feet and single-beam coverage in water depths less than 10 feet. Survey line spacing and orientation for single-beam bathymetric data acquisition was determined and surveyed, with a minimum of 100 foot spacing between lines maintained with soundings at a minimum of one every foot. HYPACK was utilized for positioning and multi-beam/single-beam bathymetric data acquisition.

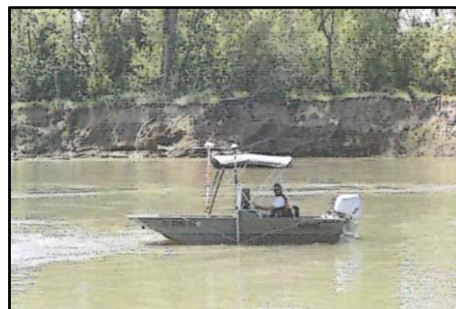


Figure 6: Survey Skiff

Water level data was determined from the RTK GPS system established near the survey area based on survey control. Using the RTK system provided water surface elevation, and the bathymetric survey provided depth of water continuously throughout the survey and eliminated inaccuracies associated with water level gauge measurements. Bathymetric Survey accuracies are as follows:

- Horizontal position accuracy at the surface was within a centimeter and values recorded to the hundredth of a foot.
- Vertical measurement accuracies were +/- 0.2 ft. within water depths less than 20 feet and +/- 0.5 ft. within water depths greater than 20 feet as stated in the USACE Hydrographic Manual EM 1110-2-1003 general criteria and accuracy estimates section.

The “ponded water” shown in Figure 7 was not measured during the bathymetric survey because the water depths were not sufficient for the skiff to be launched. The survey team worked closely with county staff to determine the necessity for measurement with several methods reviewed. Upon closer inspection it was determined that the area would be sufficiently covered from the aerial survey based on the minimal depth of the water, the flight height and accuracy required for the survey.



Figure 7:
"Ponded Water"

Mapping Volume Calculations

Wallace Group utilized GIS 3D Analyst for volume calculation. This software is well-suited to large amounts of data, and the mapping and images can be directly imported into County of Santa Barbara's geodatabase for immediate access. A three-dimensional ground surface model of the reservoir was prepared using GIS 3D Analyst from which the water surface areas for each contour interval. The calculated areas were utilized in preparing tables showing Elevation and Capacity versus Elevation. The GIS software provided results for water surface area, and stored volume at 1-ft elevation intervals. From this data, tables were generated at 0.10 and 0.01 ft elevation intervals based on interpolations within the 1-ft interval data. The tables provide data from elevation 601 feet to 757 feet (NGVD 29) and 606 to 760 (NAVD 88).

Graphical and tabular comparisons to past (2000 and 2008) surveys were prepared. The comparisons show close correlation between the past and current surveys. At the lowest elevations, below elevation 605 (NGVD 29), reduced area is noted, which is consistent with sediment deposition. Because the volume below these low elevations is small, the impact on total reservoir volume is minimal.

At elevation 605, the current 2013 survey shows a volume about 16 acre-feet less than reported in 2008. At the design capacity elevation of 753 (NGVD 29), the current 2013 survey shows a volume about 2,273 acre-feet less than the 2008 survey, which is within approximately 1.1 percent of the total volume.

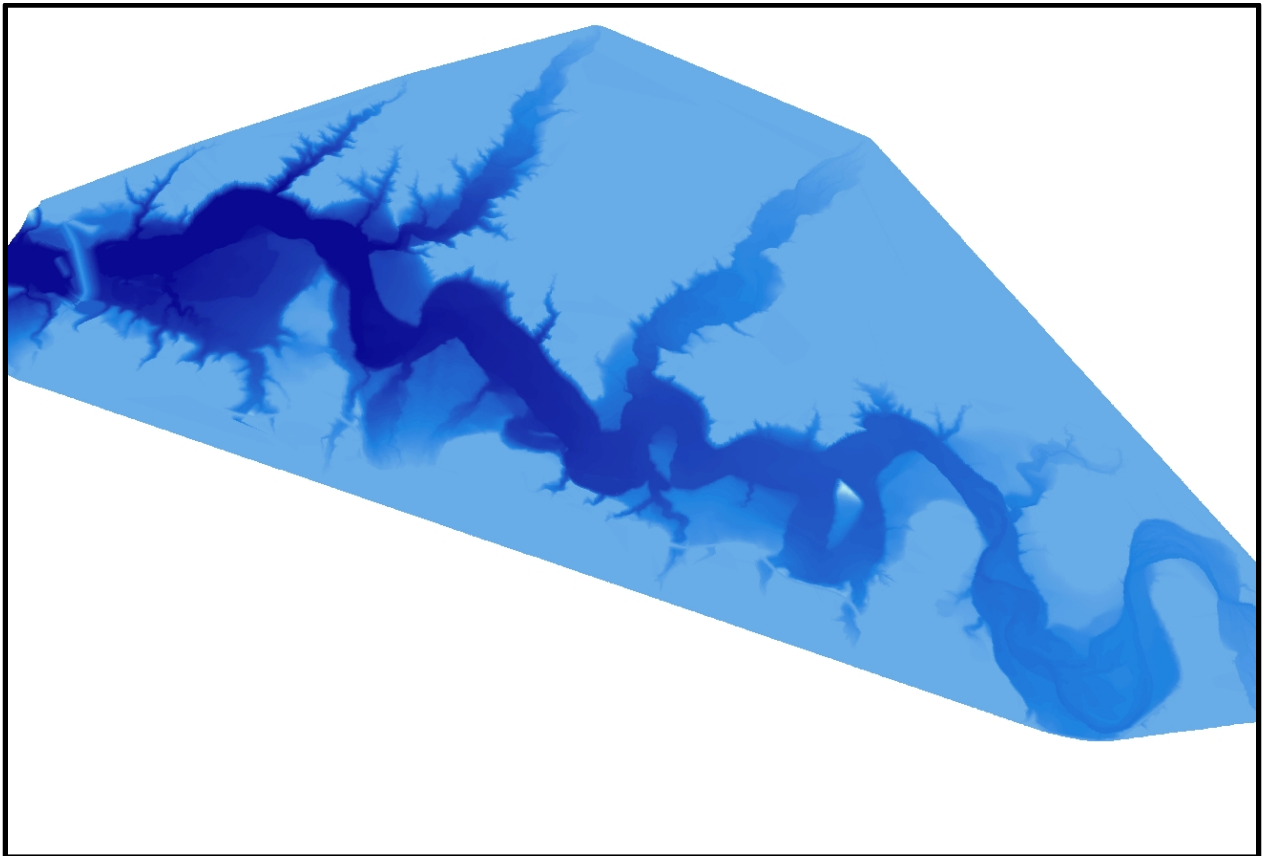


Figure 8:
Photo of GIS DTM

Property Boundaries

This survey effort did include a compilation or retracement of the District boundaries or other private property boundaries surrounding or including the reservoir. The following "Photo of Contacted Residences", Figure 9, is for reference only and was created from Assessor's Parcel data.

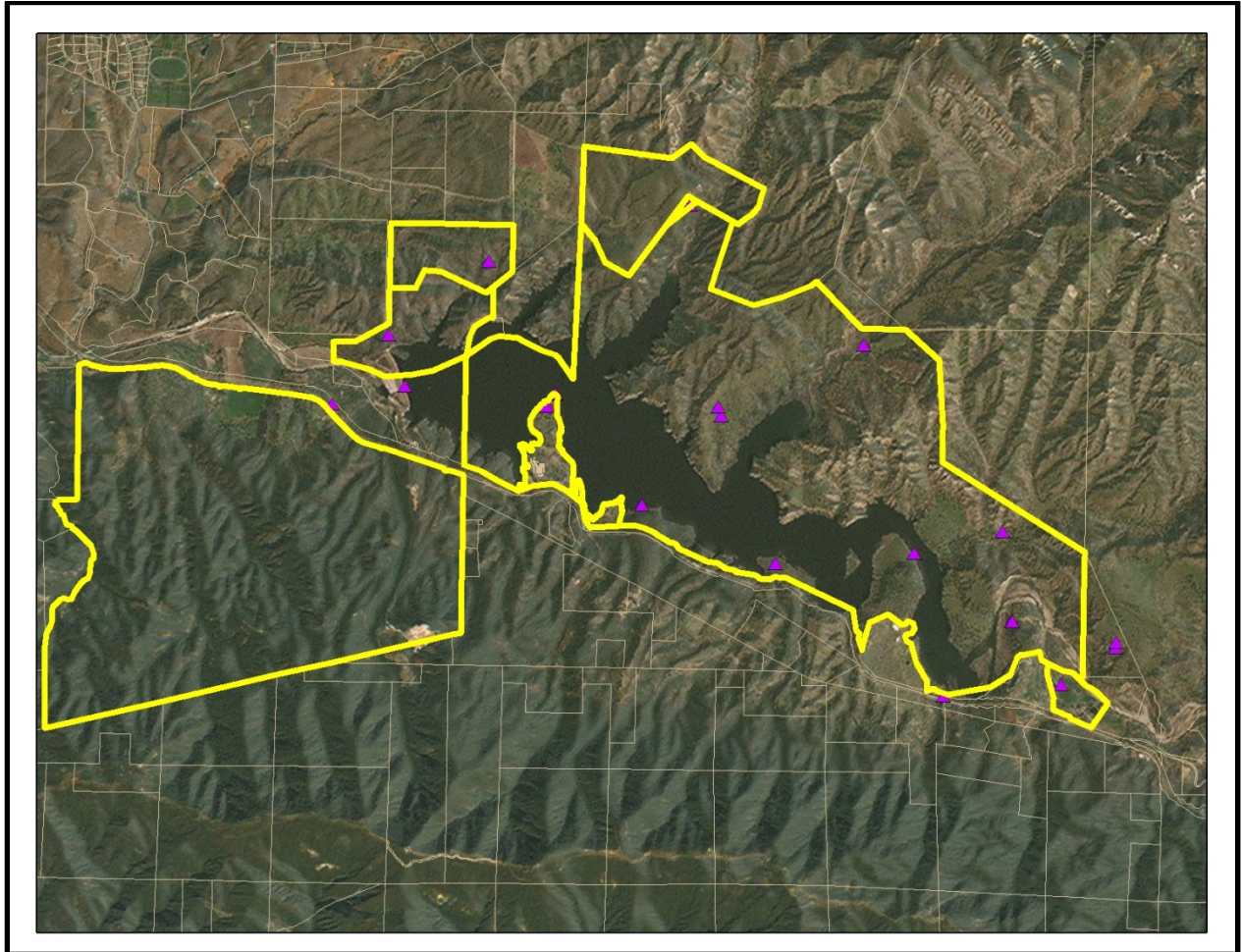


Figure 9:
Photo of Contacted Residences

Volume Study:

This report includes Area-Elevation and Capacity-Elevation Tables that calculate and report the area of the reservoir in acres, acre-feet and cumulative acre-feet in 0.10 ft. and 0.01 ft. increments of elevation from the lowest point on the reservoir to the dam crest. The table values were calculated using the areas and volumes derived from the GIS 3D Analyst software at 1-ft elevation increments, and intermediate values were determined by linear interpolation. Graphs were prepared which depict comparisons of volume to previous reports (Figure 10) and area comparisons (Figure 11). Both graphs reveal slight differences compared to the 2008 survey and except for the lowest portion of the area table which is most likely due to sediment deposition, they appear to be a result of the more accurate survey data.

Figure 10: Storage Volume Graph

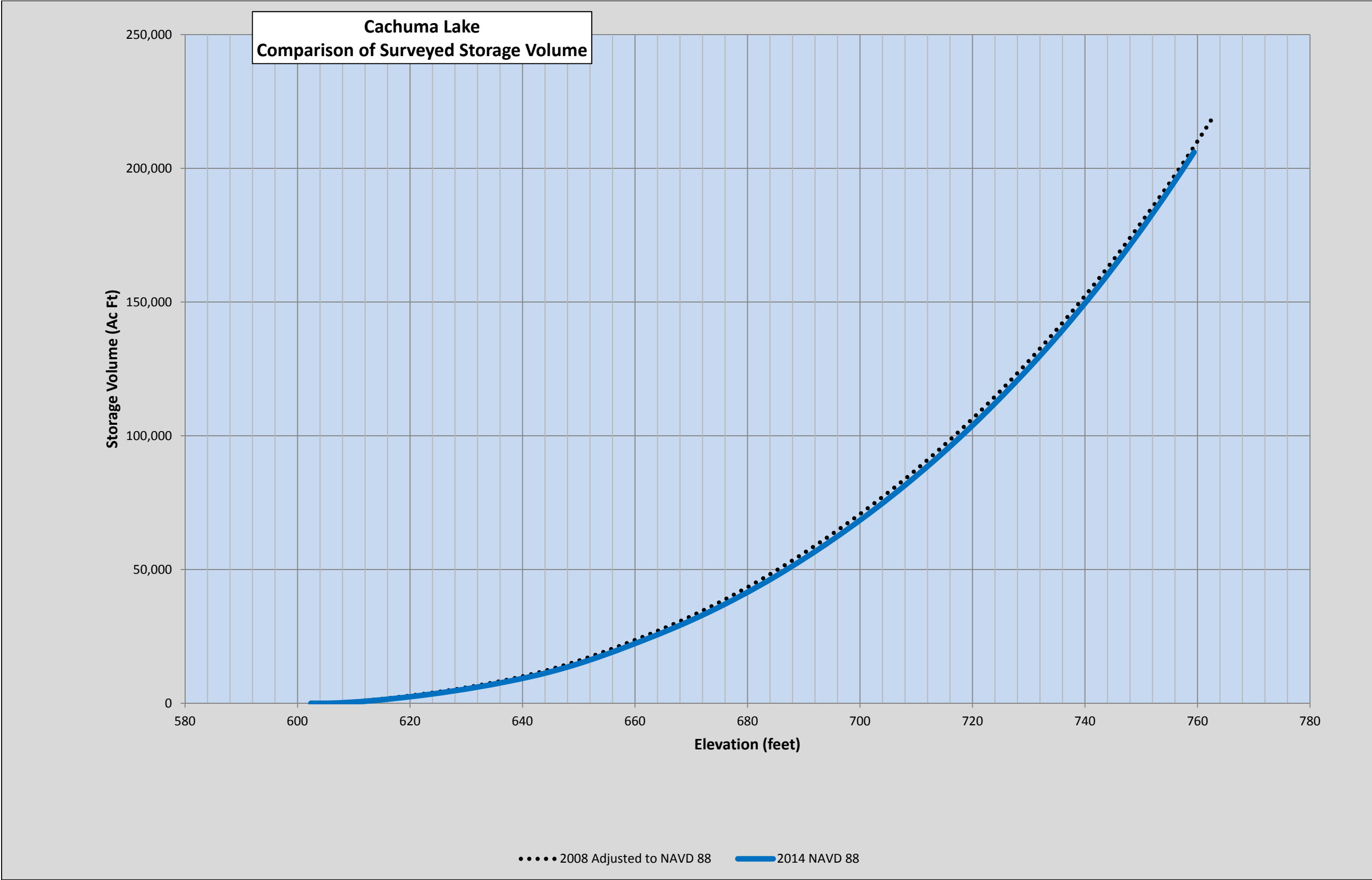
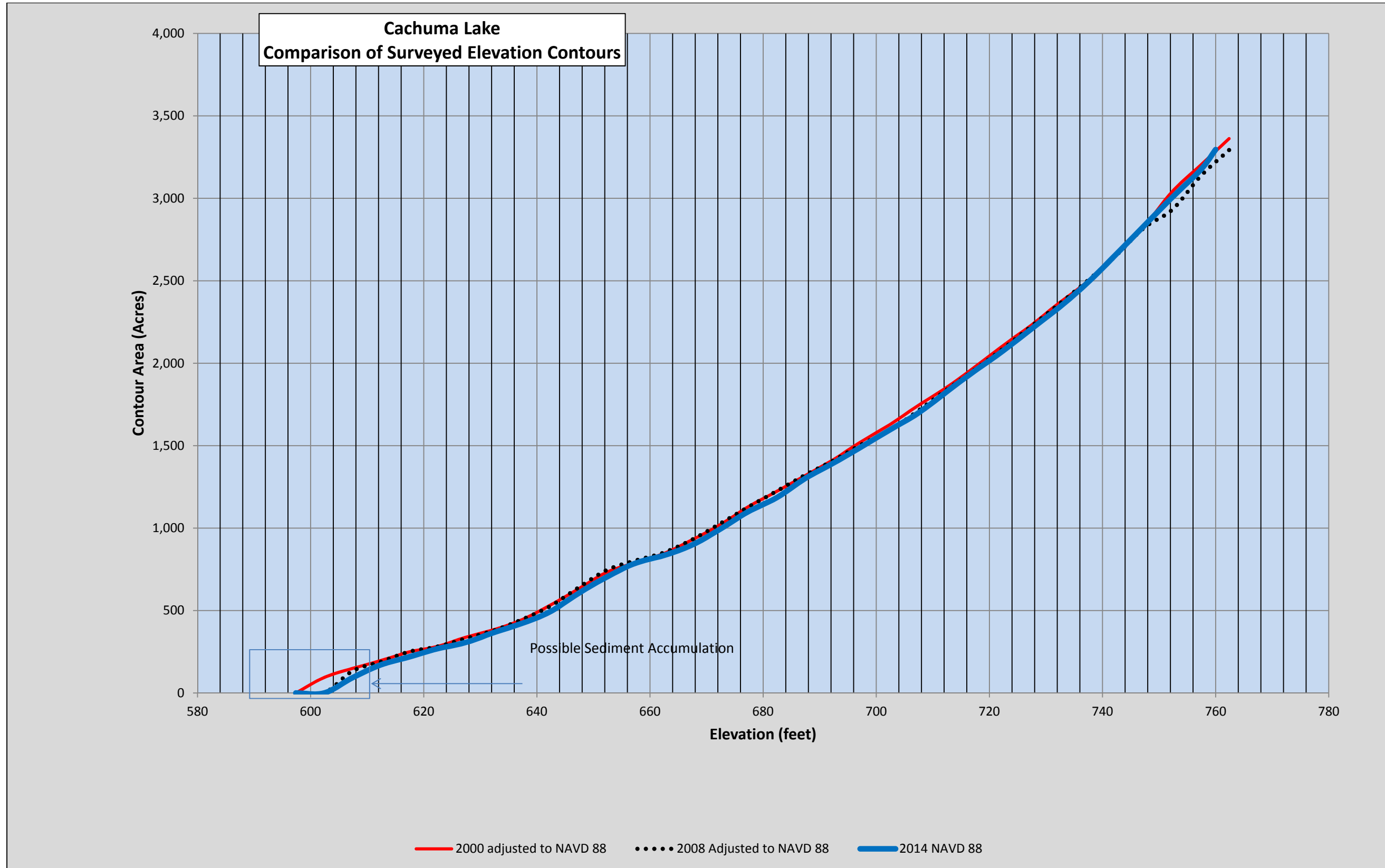


Figure 11: Surveyed Elevation Contours Graph



Observations and Conclusions:

The current survey (December 2013) was performed at a higher resolution than the previous surveys of Lake Cachuma. This was accomplished by flying the aerial at a lower elevation. The resulting topographic map was prepared with a contour accuracy of +/- 1 foot. This is the most accurate and detailed aerial survey for the reservoir to-date. The overall capacity of the reservoir has been reduced by 2,273 acre-feet resulting in a reduction of storage capacity of approximately 1.2% when compared with the 2008 survey. The capacity of Lake Cachuma was designed for 205,000 acre-feet of storage at an elevation of 750 (NGVD) in 1953 (normal water level). The current capacity at elevation 750 (NGVD 29) is 184,121 acre-feet resulting in a reduction of storage capacity of 11.3% when compared to the original design capacity. The current capacity is 193,304.8 acre-feet of storage at an elevation of 753 (NGVD). By studying capacities included in the report, we observed that majority of the variation appears to be related to survey accuracy and variance, with changes related to suspected sediment accumulations being minor and appears that a majority of those changes occurred below an elevation of 605 (NGVD 29), with a greater difference seen between years 2000 and 2008 than between 2008 and 2013.

Table 1 – Area Tables (NGVD 29)

Cachuma Lake NGVD 29 Datum

ELEVATION VS. CAPACITY

Elev.	Capacity (Acre-Feet)									
in Feet	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
756.9	205,692	205,725	205,757	205,790	205,822	205,855	205,887	205,920	205,953	205,985
756.8	205,367	205,399	205,432	205,464	205,497	205,529	205,562	205,594	205,627	205,660
756.7	205,041	205,074	205,106	205,139	205,171	205,204	205,236	205,269	205,301	205,334
756.6	204,716	204,748	204,781	204,813	204,846	204,878	204,911	204,943	204,976	205,008
756.5	204,395	204,427	204,459	204,492	204,524	204,556	204,588	204,620	204,652	204,684
756.4	204,074	204,106	204,138	204,170	204,202	204,235	204,267	204,299	204,331	204,363
756.3	203,753	203,785	203,817	203,849	203,881	203,913	203,946	203,978	204,010	204,042
756.2	203,432	203,464	203,496	203,528	203,560	203,592	203,624	203,657	203,689	203,721
756.1	203,111	203,143	203,175	203,207	203,239	203,271	203,303	203,335	203,367	203,367
756.0	202,789	202,822	202,854	202,886	202,918	202,950	202,982	202,982	203,014	203,046
755.9	202,468	202,500	202,532	202,565	202,597	202,629	202,661	202,693	202,725	202,757
755.8	202,147	202,179	202,211	202,243	202,276	202,308	202,340	202,372	202,404	202,436
755.7	201,826	201,858	201,890	201,922	201,954	201,987	202,019	202,051	202,083	202,115
755.6	201,505	201,537	201,569	201,601	201,633	201,665	201,697	201,730	201,762	201,794
755.5	201,187	201,219	201,251	201,283	201,315	201,346	201,378	201,410	201,442	201,474
755.4	200,869	200,901	200,933	200,965	200,997	201,028	201,060	201,092	201,124	201,156
755.3	200,551	200,583	200,615	200,647	200,679	200,710	200,742	200,774	200,806	200,838
755.2	200,233	200,265	200,297	200,329	200,361	200,392	200,424	200,456	200,488	200,520
755.1	199,915	199,947	199,979	200,011	200,043	200,074	200,106	200,138	200,170	200,170
755.0	199,597	199,629	199,661	199,693	199,725	199,756	199,788	199,788	199,820	199,852
754.9	199,279	199,311	199,343	199,375	199,407	199,438	199,470	199,502	199,534	199,566
754.8	198,961	198,993	199,025	199,057	199,089	199,120	199,152	199,184	199,216	199,248
754.7	198,643	198,675	198,707	198,739	198,771	198,802	198,834	198,866	198,898	198,930
754.6	198,326	198,357	198,389	198,421	198,452	198,484	198,516	198,548	198,580	198,611
754.5	198,011	198,042	198,074	198,105	198,137	198,168	198,200	198,231	198,263	198,294

Cachuma Lake NGVD 29 Datum

754.4	197,696	197,727	197,759	197,790	197,822	197,853	197,885	197,916	197,948	197,979
754.3	197,381	197,412	197,444	197,475	197,507	197,538	197,570	197,601	197,633	197,664
754.2	197,066	197,098	197,129	197,161	197,192	197,223	197,255	197,286	197,318	197,349
754.1	196,751	196,783	196,814	196,846	196,877	196,909	196,940	196,972	197,003	197,003
754.0	196,436	196,468	196,499	196,531	196,562	196,594	196,625	196,625	196,657	196,688
753.9	196,121	196,153	196,184	196,216	196,247	196,279	196,310	196,342	196,373	196,405
753.8	195,806	195,838	195,869	195,901	195,932	195,964	195,995	196,027	196,058	196,090
753.7	195,491	195,523	195,554	195,586	195,617	195,649	195,680	195,712	195,743	195,775
753.6	195,177	195,208	195,239	195,271	195,302	195,334	195,365	195,397	195,428	195,460
753.5	194,865	194,896	194,927	194,958	194,990	195,021	195,052	195,083	195,114	195,146
753.4	194,553	194,584	194,615	194,646	194,678	194,709	194,740	194,771	194,802	194,834
753.3	194,241	194,272	194,303	194,334	194,366	194,397	194,428	194,459	194,490	194,522
753.2	193,929	193,960	193,991	194,022	194,054	194,085	194,116	194,147	194,178	194,210
753.1	193,617	193,648	193,679	193,710	193,742	193,773	193,804	193,835	193,866	193,866
753.0	193,305	193,336	193,367	193,398	193,430	193,461	193,492	193,492	193,523	193,554
752.9	192,993	193,024	193,055	193,086	193,118	193,149	193,180	193,211	193,242	193,274
752.8	192,681	192,712	192,743	192,774	192,806	192,837	192,868	192,899	192,930	192,962
752.7	192,369	192,400	192,431	192,462	192,494	192,525	192,556	192,587	192,618	192,650
752.6	192,058	192,088	192,119	192,150	192,182	192,213	192,244	192,275	192,306	192,338
752.5	191,749	191,780	191,811	191,842	191,873	191,903	191,934	191,965	191,996	192,027
752.4	191,441	191,472	191,503	191,534	191,565	191,595	191,626	191,657	191,688	191,719
752.3	191,133	191,164	191,195	191,226	191,256	191,287	191,318	191,349	191,380	191,410
752.2	190,825	190,856	190,887	190,917	190,948	190,979	191,010	191,041	191,072	191,102
752.1	190,517	190,548	190,578	190,609	190,640	190,671	190,702	190,733	190,763	190,763
752.0	190,209	190,240	190,270	190,301	190,332	190,363	190,394	190,394	190,424	190,455
751.9	189,901	189,931	189,962	189,993	190,024	190,055	190,085	190,116	190,147	190,178
751.8	189,592	189,623	189,654	189,685	189,716	189,747	189,777	189,808	189,839	189,870
751.7	189,284	189,315	189,346	189,377	189,408	189,438	189,469	189,500	189,531	189,562
751.6	188,977	189,007	189,038	189,069	189,099	189,130	189,161	189,192	189,223	189,253
751.5	188,672	188,703	188,733	188,763	188,794	188,824	188,855	188,885	188,916	188,946
751.4	188,367	188,398	188,428	188,459	188,489	188,520	188,550	188,581	188,611	188,642

Cachuma Lake NGVD 29 Datum

751.3	188,063	188,093	188,123	188,154	188,184	188,215	188,245	188,276	188,306	188,337
751.2	187,758	187,788	187,819	187,849	187,880	187,910	187,941	187,971	188,002	188,032
751.1	187,453	187,483	187,514	187,544	187,575	187,605	187,636	187,666	187,697	187,697
751.0	187,148	187,179	187,209	187,240	187,270	187,301	187,331	187,331	187,362	187,392
750.9	186,843	186,874	186,904	186,935	186,965	186,996	187,026	187,057	187,087	187,118
750.8	186,539	186,569	186,600	186,630	186,661	186,691	186,722	186,752	186,782	186,813
750.7	186,234	186,264	186,295	186,325	186,356	186,386	186,417	186,447	186,478	186,508
750.6	185,930	185,960	185,990	186,021	186,051	186,082	186,112	186,142	186,173	186,203
750.5	185,628	185,658	185,689	185,719	185,749	185,779	185,809	185,839	185,869	185,900
750.4	185,327	185,357	185,387	185,417	185,447	185,478	185,508	185,538	185,568	185,598
750.3	185,025	185,056	185,086	185,116	185,146	185,176	185,206	185,236	185,267	185,297
750.2	184,724	184,754	184,784	184,814	184,845	184,875	184,905	184,935	184,965	184,995
750.1	184,422	184,453	184,483	184,513	184,543	184,573	184,603	184,633	184,664	184,664
750.0	184,121	184,151	184,181	184,211	184,242	184,272	184,302	184,302	184,332	184,362
749.9	183,820	183,850	183,880	183,910	183,940	183,970	184,000	184,031	184,061	184,091
749.8	183,518	183,548	183,578	183,609	183,639	183,669	183,699	183,729	183,759	183,789
749.7	183,217	183,247	183,277	183,307	183,337	183,367	183,397	183,428	183,458	183,488
749.6	182,916	182,946	182,975	183,006	183,036	183,066	183,096	183,126	183,156	183,186
749.5	182,618	182,648	182,677	182,707	182,737	182,767	182,797	182,826	182,856	182,886
749.4	182,320	182,350	182,379	182,409	182,439	182,469	182,499	182,528	182,558	182,588
749.3	182,022	182,052	182,081	182,111	182,141	182,171	182,201	182,230	182,260	182,290
749.2	181,724	181,754	181,783	181,813	181,843	181,873	181,903	181,932	181,962	181,992
749.1	181,426	181,455	181,485	181,515	181,545	181,575	181,605	181,634	181,664	181,664
749.0	181,128	181,157	181,187	181,217	181,247	181,277	181,306	181,306	181,336	181,366
748.9	180,830	180,859	180,889	180,919	180,949	180,979	181,008	181,038	181,068	181,098
748.8	180,532	180,561	180,591	180,621	180,651	180,681	180,710	180,740	180,770	180,800
748.7	180,234	180,263	180,293	180,323	180,353	180,383	180,412	180,442	180,472	180,502
748.6	179,936	179,966	179,995	180,025	180,055	180,085	180,114	180,144	180,174	180,204
748.5	179,642	179,671	179,701	179,730	179,760	179,789	179,819	179,848	179,877	179,907
748.4	179,348	179,377	179,407	179,436	179,465	179,495	179,524	179,554	179,583	179,613
748.3	179,053	179,083	179,112	179,142	179,171	179,201	179,230	179,259	179,289	179,318

Cachuma Lake NGVD 29 Datum

748.2	178,759	178,789	178,818	178,848	178,877	178,906	178,936	178,965	178,995	179,024
748.1	178,465	178,494	178,524	178,553	178,583	178,612	178,642	178,671	178,700	178,700
748.0	178,171	178,200	178,230	178,259	178,288	178,318	178,347	178,347	178,377	178,406
747.9	177,876	177,906	177,935	177,965	177,994	178,024	178,053	178,082	178,112	178,141
747.8	177,582	177,612	177,641	177,670	177,700	177,729	177,759	177,788	177,818	177,847
747.7	177,288	177,317	177,347	177,376	177,406	177,435	177,464	177,494	177,523	177,553
747.6	176,994	177,023	177,052	177,082	177,111	177,141	177,170	177,200	177,229	177,258
747.5	176,704	176,733	176,762	176,791	176,820	176,849	176,878	176,907	176,936	176,965
747.4	176,413	176,442	176,471	176,500	176,529	176,558	176,587	176,616	176,645	176,674
747.3	176,122	176,151	176,180	176,209	176,238	176,267	176,296	176,326	176,355	176,384
747.2	175,831	175,860	175,889	175,918	175,948	175,977	176,006	176,035	176,064	176,093
747.1	175,540	175,570	175,599	175,628	175,657	175,686	175,715	175,744	175,773	175,773
747.0	175,250	175,279	175,308	175,337	175,366	175,395	175,424	175,424	175,453	175,482
746.9	174,959	174,988	175,017	175,046	175,075	175,104	175,133	175,162	175,192	175,221
746.8	174,668	174,697	174,726	174,755	174,785	174,814	174,843	174,872	174,901	174,930
746.7	174,377	174,407	174,436	174,465	174,494	174,523	174,552	174,581	174,610	174,639
746.6	174,087	174,116	174,145	174,174	174,203	174,232	174,261	174,290	174,319	174,348
746.5	173,800	173,829	173,857	173,886	173,915	173,944	173,972	174,001	174,030	174,059
746.4	173,512	173,541	173,570	173,599	173,627	173,656	173,685	173,714	173,742	173,771
746.3	173,225	173,254	173,283	173,311	173,340	173,369	173,398	173,426	173,455	173,484
746.2	172,938	172,966	172,995	173,024	173,053	173,081	173,110	173,139	173,168	173,196
746.1	172,650	172,679	172,708	172,736	172,765	172,794	172,823	172,851	172,880	172,880
746.0	172,363	172,391	172,420	172,449	172,478	172,506	172,535	172,535	172,564	172,593
745.9	172,075	172,104	172,133	172,162	172,190	172,219	172,248	172,277	172,305	172,334
745.8	171,788	171,817	171,845	171,874	171,903	171,932	171,960	171,989	172,018	172,047
745.7	171,500	171,529	171,558	171,587	171,615	171,644	171,673	171,702	171,730	171,759
745.6	171,214	171,242	171,270	171,299	171,328	171,357	171,385	171,414	171,443	171,472
745.5	170,929	170,958	170,986	171,015	171,043	171,072	171,100	171,128	171,157	171,185
745.4	170,645	170,674	170,702	170,730	170,759	170,787	170,816	170,844	170,873	170,901
745.3	170,361	170,389	170,418	170,446	170,475	170,503	170,532	170,560	170,588	170,617
745.2	170,077	170,105	170,134	170,162	170,191	170,219	170,247	170,276	170,304	170,333

Cachuma Lake NGVD 29 Datum

745.1	169,793	169,821	169,849	169,878	169,906	169,935	169,963	169,992	170,020	170,020
745.0	169,508	169,537	169,565	169,594	169,622	169,651	169,679	169,679	169,707	169,736
744.9	169,224	169,253	169,281	169,309	169,338	169,366	169,395	169,423	169,452	169,480
744.8	168,940	168,968	168,997	169,025	169,054	169,082	169,111	169,139	169,167	169,196
744.7	168,656	168,684	168,713	168,741	168,770	168,798	168,826	168,855	168,883	168,912
744.6	168,372	168,400	168,428	168,457	168,485	168,514	168,542	168,571	168,599	168,627
744.5	168,092	168,120	168,148	168,176	168,204	168,232	168,260	168,288	168,316	168,344
744.4	167,811	167,839	167,867	167,895	167,923	167,951	167,979	168,008	168,036	168,064
744.3	167,530	167,559	167,587	167,615	167,643	167,671	167,699	167,727	167,755	167,783
744.2	167,250	167,278	167,306	167,334	167,362	167,390	167,418	167,446	167,474	167,502
744.1	166,969	166,997	167,025	167,053	167,082	167,110	167,138	167,166	167,194	167,194
744.0	166,689	166,717	166,745	166,773	166,801	166,829	166,857	166,857	166,885	166,913
743.9	166,408	166,436	166,464	166,492	166,520	166,548	166,576	166,604	166,633	166,661
743.8	166,127	166,155	166,184	166,212	166,240	166,268	166,296	166,324	166,352	166,380
743.7	165,847	165,875	165,903	165,931	165,959	165,987	166,015	166,043	166,071	166,099
743.6	165,567	165,595	165,622	165,650	165,678	165,706	165,735	165,763	165,791	165,819
743.5	165,290	165,318	165,345	165,373	165,401	165,428	165,456	165,484	165,512	165,539
743.4	165,013	165,041	165,068	165,096	165,124	165,152	165,179	165,207	165,235	165,262
743.3	164,736	164,764	164,792	164,819	164,847	164,875	164,902	164,930	164,958	164,985
743.2	164,459	164,487	164,515	164,542	164,570	164,598	164,625	164,653	164,681	164,708
743.1	164,182	164,210	164,238	164,265	164,293	164,321	164,349	164,376	164,404	164,404
743.0	163,905	163,933	163,961	163,989	164,016	164,044	164,072	164,072	164,099	164,127
742.9	163,629	163,656	163,684	163,712	163,739	163,767	163,795	163,822	163,850	163,878
742.8	163,352	163,379	163,407	163,435	163,462	163,490	163,518	163,545	163,573	163,601
742.7	163,075	163,102	163,130	163,158	163,185	163,213	163,241	163,269	163,296	163,324
742.6	162,798	162,826	162,853	162,881	162,909	162,936	162,964	162,992	163,019	163,047
742.5	162,525	162,552	162,580	162,607	162,634	162,662	162,689	162,716	162,744	162,771
742.4	162,251	162,279	162,306	162,333	162,361	162,388	162,415	162,443	162,470	162,497
742.3	161,978	162,005	162,032	162,060	162,087	162,114	162,142	162,169	162,196	162,224
742.2	161,704	161,731	161,759	161,786	161,813	161,841	161,868	161,896	161,923	161,950
742.1	161,430	161,458	161,485	161,512	161,540	161,567	161,595	161,622	161,649	161,649

Cachuma Lake NGVD 29 Datum

742.0	161,157	161,184	161,211	161,239	161,266	161,294	161,321	161,321	161,348	161,376
741.9	160,883	160,910	160,938	160,965	160,993	161,020	161,047	161,075	161,102	161,129
741.8	160,610	160,637	160,664	160,692	160,719	160,746	160,774	160,801	160,828	160,856
741.7	160,336	160,363	160,391	160,418	160,445	160,473	160,500	160,527	160,555	160,582
741.6	160,063	160,090	160,117	160,144	160,172	160,199	160,226	160,254	160,281	160,309
741.5	159,793	159,820	159,847	159,874	159,901	159,928	159,955	159,982	160,009	160,036
741.4	159,522	159,549	159,576	159,603	159,630	159,657	159,684	159,711	159,739	159,766
741.3	159,252	159,279	159,306	159,333	159,360	159,387	159,414	159,441	159,468	159,495
741.2	158,982	159,009	159,036	159,063	159,090	159,117	159,144	159,171	159,198	159,225
741.1	158,711	158,738	158,765	158,792	158,819	158,846	158,873	158,900	158,927	158,927
741.0	158,441	158,468	158,495	158,522	158,549	158,576	158,603	158,603	158,630	158,657
740.9	158,171	158,198	158,225	158,252	158,279	158,306	158,333	158,360	158,387	158,414
740.8	157,900	157,927	157,954	157,981	158,008	158,035	158,062	158,089	158,116	158,143
740.7	157,630	157,657	157,684	157,711	157,738	157,765	157,792	157,819	157,846	157,873
740.6	157,360	157,387	157,414	157,441	157,468	157,495	157,522	157,549	157,576	157,603
740.5	157,094	157,120	157,147	157,174	157,200	157,227	157,254	157,280	157,307	157,334
740.4	156,827	156,854	156,880	156,907	156,934	156,960	156,987	157,014	157,040	157,067
740.3	156,561	156,587	156,614	156,640	156,667	156,694	156,720	156,747	156,774	156,800
740.2	156,294	156,321	156,347	156,374	156,401	156,427	156,454	156,481	156,507	156,534
740.1	156,027	156,054	156,081	156,107	156,134	156,161	156,187	156,214	156,241	156,241
740.0	155,761	155,787	155,814	155,841	155,867	155,894	155,921	155,921	155,947	155,974
739.9	155,494	155,521	155,548	155,574	155,601	155,627	155,654	155,681	155,707	155,734
739.8	155,228	155,254	155,281	155,308	155,334	155,361	155,388	155,414	155,441	155,468
739.7	154,961	154,988	155,014	155,041	155,068	155,094	155,121	155,148	155,174	155,201
739.6	154,695	154,721	154,748	154,774	154,801	154,828	154,854	154,881	154,908	154,934
739.5	154,432	154,458	154,485	154,511	154,537	154,564	154,590	154,616	154,643	154,669
739.4	154,169	154,195	154,222	154,248	154,274	154,301	154,327	154,353	154,379	154,406
739.3	153,906	153,932	153,959	153,985	154,011	154,037	154,064	154,090	154,116	154,143
739.2	153,643	153,669	153,695	153,722	153,748	153,774	153,801	153,827	153,853	153,880
739.1	153,380	153,406	153,432	153,459	153,485	153,511	153,538	153,564	153,590	153,590
739.0	153,117	153,143	153,169	153,196	153,222	153,248	153,275	153,275	153,301	153,327

Cachuma Lake NGVD 29 Datum

735.9	145,132	145,158	145,183	145,208	145,234	145,259	145,284	145,309	145,335	145,360
735.8	144,879	144,905	144,930	144,955	144,981	145,006	145,031	145,056	145,082	145,107
735.7	144,626	144,652	144,677	144,702	144,728	144,753	144,778	144,804	144,829	144,854
735.6	144,374	144,399	144,424	144,449	144,475	144,500	144,525	144,551	144,576	144,601
735.5	144,125	144,150	144,175	144,199	144,224	144,249	144,274	144,299	144,324	144,349
735.4	143,875	143,900	143,925	143,950	143,975	144,000	144,025	144,050	144,075	144,100
735.3	143,625	143,650	143,675	143,700	143,725	143,750	143,775	143,800	143,825	143,850
735.2	143,376	143,401	143,426	143,451	143,476	143,501	143,526	143,551	143,576	143,601
735.1	143,126	143,151	143,176	143,201	143,226	143,251	143,276	143,301	143,326	143,326
735.0	142,877	142,902	142,927	142,952	142,977	143,002	143,027	143,027	143,052	143,076
734.9	142,627	142,652	142,677	142,702	142,727	142,752	142,777	142,802	142,827	142,852
734.8	142,378	142,403	142,428	142,453	142,478	142,502	142,527	142,552	142,577	142,602
734.7	142,128	142,153	142,178	142,203	142,228	142,253	142,278	142,303	142,328	142,353
734.6	141,879	141,904	141,928	141,953	141,978	142,003	142,028	142,053	142,078	142,103
734.5	141,633	141,658	141,682	141,707	141,732	141,756	141,781	141,805	141,830	141,855
734.4	141,387	141,411	141,436	141,461	141,485	141,510	141,535	141,559	141,584	141,608
734.3	141,141	141,165	141,190	141,214	141,239	141,264	141,288	141,313	141,338	141,362
734.2	140,894	140,919	140,944	140,968	140,993	141,017	141,042	141,067	141,091	141,116
734.1	140,648	140,673	140,697	140,722	140,747	140,771	140,796	140,820	140,845	140,845
734.0	140,402	140,427	140,451	140,476	140,500	140,525	140,550	140,550	140,574	140,599
733.9	140,156	140,180	140,205	140,230	140,254	140,279	140,303	140,328	140,353	140,377
733.8	139,909	139,934	139,959	139,983	140,008	140,033	140,057	140,082	140,106	140,131
733.7	139,663	139,688	139,712	139,737	139,762	139,786	139,811	139,836	139,860	139,885
733.6	139,418	139,442	139,466	139,491	139,516	139,540	139,565	139,589	139,614	139,639
733.5	139,174	139,199	139,223	139,247	139,272	139,296	139,320	139,345	139,369	139,393
733.4	138,931	138,956	138,980	139,004	139,029	139,053	139,077	139,101	139,126	139,150
733.3	138,688	138,712	138,737	138,761	138,785	138,810	138,834	138,858	138,883	138,907
733.2	138,445	138,469	138,494	138,518	138,542	138,566	138,591	138,615	138,639	138,664
733.1	138,202	138,226	138,250	138,275	138,299	138,323	138,348	138,372	138,396	138,396
733.0	137,958	137,983	138,007	138,031	138,056	138,080	138,104	138,104	138,129	138,153
732.9	137,715	137,740	137,764	137,788	137,813	137,837	137,861	137,886	137,910	137,934

Cachuma Lake NGVD 29 Datum

732.8	137,472	137,496	137,521	137,545	137,569	137,594	137,618	137,642	137,667	137,691
732.7	137,229	137,253	137,278	137,302	137,326	137,351	137,375	137,399	137,423	137,448
732.6	136,986	137,010	137,034	137,059	137,083	137,107	137,132	137,156	137,180	137,205
732.5	136,746	136,770	136,794	136,818	136,842	136,866	136,890	136,914	136,938	136,962
732.4	136,506	136,530	136,554	136,578	136,602	136,626	136,650	136,674	136,698	136,722
732.3	136,266	136,290	136,314	136,338	136,362	136,386	136,410	136,434	136,458	136,482
732.2	136,026	136,050	136,074	136,098	136,122	136,146	136,170	136,194	136,218	136,242
732.1	135,786	135,810	135,834	135,858	135,882	135,906	135,930	135,954	135,978	135,978
732.0	135,546	135,570	135,594	135,618	135,642	135,666	135,690	135,690	135,714	135,738
731.9	135,306	135,330	135,354	135,378	135,402	135,426	135,450	135,474	135,498	135,522
731.8	135,066	135,090	135,114	135,138	135,162	135,186	135,210	135,234	135,258	135,282
731.7	134,825	134,849	134,873	134,897	134,921	134,945	134,969	134,993	135,017	135,042
731.6	134,586	134,610	134,633	134,657	134,681	134,705	134,729	134,753	134,777	134,801
731.5	134,348	134,372	134,396	134,420	134,443	134,467	134,491	134,515	134,538	134,562
731.4	134,111	134,135	134,158	134,182	134,206	134,230	134,253	134,277	134,301	134,325
731.3	133,873	133,897	133,921	133,945	133,968	133,992	134,016	134,040	134,063	134,087
731.2	133,636	133,660	133,683	133,707	133,731	133,755	133,778	133,802	133,826	133,850
731.1	133,398	133,422	133,446	133,470	133,493	133,517	133,541	133,565	133,588	133,588
731.0	133,161	133,185	133,208	133,232	133,256	133,280	133,303	133,303	133,327	133,351
730.9	132,923	132,947	132,971	132,995	133,018	133,042	133,066	133,090	133,113	133,137
730.8	132,686	132,710	132,733	132,757	132,781	132,805	132,828	132,852	132,876	132,900
730.7	132,448	132,472	132,496	132,520	132,543	132,567	132,591	132,615	132,638	132,662
730.6	132,212	132,235	132,258	132,282	132,306	132,330	132,353	132,377	132,401	132,425
730.5	131,977	132,000	132,024	132,047	132,071	132,094	132,118	132,141	132,165	132,188
730.4	131,742	131,766	131,789	131,813	131,836	131,860	131,883	131,907	131,930	131,954
730.3	131,508	131,531	131,555	131,578	131,602	131,625	131,649	131,672	131,696	131,719
730.2	131,273	131,297	131,320	131,344	131,367	131,391	131,414	131,437	131,461	131,484
730.1	131,039	131,062	131,086	131,109	131,133	131,156	131,179	131,203	131,226	131,226
730.0	130,804	130,828	130,851	130,875	130,898	130,921	130,945	130,945	130,968	130,992
729.9	130,570	130,593	130,616	130,640	130,663	130,687	130,710	130,734	130,757	130,781
729.8	130,335	130,358	130,382	130,405	130,429	130,452	130,476	130,499	130,523	130,546

Cachuma Lake NGVD 29 Datum

729.7	130,100	130,124	130,147	130,171	130,194	130,218	130,241	130,265	130,288	130,312
729.6	129,866	129,890	129,913	129,936	129,960	129,983	130,007	130,030	130,054	130,077
729.5	129,635	129,658	129,681	129,704	129,728	129,751	129,774	129,797	129,820	129,843
729.4	129,404	129,427	129,450	129,473	129,496	129,519	129,542	129,566	129,589	129,612
729.3	129,172	129,195	129,218	129,242	129,265	129,288	129,311	129,334	129,357	129,380
729.2	128,941	128,964	128,987	129,010	129,033	129,056	129,080	129,103	129,126	129,149
729.1	128,709	128,732	128,756	128,779	128,802	128,825	128,848	128,871	128,894	128,894
729.0	128,478	128,501	128,524	128,547	128,570	128,594	128,617	128,617	128,640	128,663
728.9	128,246	128,270	128,293	128,316	128,339	128,362	128,385	128,408	128,432	128,455
728.8	128,015	128,038	128,061	128,084	128,108	128,131	128,154	128,177	128,200	128,223
728.7	127,784	127,807	127,830	127,853	127,876	127,899	127,922	127,946	127,969	127,992
728.6	127,553	127,576	127,598	127,622	127,645	127,668	127,691	127,714	127,737	127,760
728.5	127,324	127,347	127,370	127,393	127,416	127,439	127,461	127,484	127,507	127,530
728.4	127,096	127,119	127,142	127,164	127,187	127,210	127,233	127,256	127,279	127,301
728.3	126,867	126,890	126,913	126,936	126,959	126,982	127,005	127,027	127,050	127,073
728.2	126,639	126,662	126,685	126,708	126,730	126,753	126,776	126,799	126,822	126,845
728.1	126,411	126,433	126,456	126,479	126,502	126,525	126,548	126,571	126,593	126,593
728.0	126,182	126,205	126,228	126,251	126,274	126,296	126,319	126,319	126,342	126,365
727.9	125,954	125,977	125,999	126,022	126,045	126,068	126,091	126,114	126,136	126,159
727.8	125,725	125,748	125,771	125,794	125,817	125,840	125,862	125,885	125,908	125,931
727.7	125,497	125,520	125,543	125,565	125,588	125,611	125,634	125,657	125,680	125,702
727.6	125,269	125,292	125,314	125,337	125,360	125,383	125,406	125,428	125,451	125,474
727.5	125,043	125,065	125,088	125,111	125,133	125,156	125,178	125,201	125,224	125,246
727.4	124,817	124,839	124,862	124,885	124,907	124,930	124,952	124,975	124,998	125,020
727.3	124,591	124,613	124,636	124,658	124,681	124,704	124,726	124,749	124,772	124,794
727.2	124,365	124,387	124,410	124,432	124,455	124,478	124,500	124,523	124,545	124,568
727.1	124,138	124,161	124,184	124,206	124,229	124,252	124,274	124,297	124,319	124,319
727.0	123,912	123,935	123,958	123,980	124,003	124,025	124,048	124,048	124,071	124,093
726.9	123,686	123,709	123,732	123,754	123,777	123,799	123,822	123,845	123,867	123,890
726.8	123,460	123,483	123,505	123,528	123,551	123,573	123,596	123,618	123,641	123,664
726.7	123,234	123,257	123,279	123,302	123,325	123,347	123,370	123,392	123,415	123,438

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726.6	123,009	123,031	123,053	123,076	123,099	123,121	123,144	123,166	123,189	123,212
726.5	122,785	122,807	122,830	122,852	122,874	122,897	122,919	122,941	122,964	122,986
726.4	122,561	122,584	122,606	122,628	122,651	122,673	122,696	122,718	122,740	122,763
726.3	122,338	122,360	122,383	122,405	122,427	122,450	122,472	122,494	122,517	122,539
726.2	122,114	122,137	122,159	122,181	122,204	122,226	122,248	122,271	122,293	122,315
726.1	121,891	121,913	121,935	121,958	121,980	122,002	122,025	122,047	122,069	122,069
726.0	121,667	121,689	121,712	121,734	121,756	121,779	121,801	121,801	121,824	121,846
725.9	121,443	121,466	121,488	121,510	121,533	121,555	121,578	121,600	121,622	121,645
725.8	121,220	121,242	121,265	121,287	121,309	121,332	121,354	121,376	121,399	121,421
725.7	120,996	121,019	121,041	121,063	121,086	121,108	121,130	121,153	121,175	121,197
725.6	120,773	120,795	120,817	120,840	120,862	120,884	120,907	120,929	120,952	120,974
725.5	120,552	120,574	120,596	120,618	120,640	120,663	120,685	120,707	120,729	120,751
725.4	120,331	120,353	120,375	120,397	120,419	120,441	120,464	120,486	120,508	120,530
725.3	120,110	120,132	120,154	120,176	120,198	120,220	120,243	120,265	120,287	120,309
725.2	119,889	119,911	119,933	119,955	119,977	119,999	120,021	120,044	120,066	120,088
725.1	119,668	119,690	119,712	119,734	119,756	119,778	119,800	119,822	119,845	119,845
725.0	119,447	119,469	119,491	119,513	119,535	119,557	119,579	119,579	119,601	119,623
724.9	119,225	119,248	119,270	119,292	119,314	119,336	119,358	119,380	119,402	119,424
724.8	119,004	119,026	119,049	119,071	119,093	119,115	119,137	119,159	119,181	119,203
724.7	118,783	118,805	118,827	118,850	118,872	118,894	118,916	118,938	118,960	118,982
724.6	118,563	118,585	118,606	118,629	118,651	118,673	118,695	118,717	118,739	118,761
724.5	118,344	118,366	118,388	118,410	118,432	118,453	118,475	118,497	118,519	118,541
724.4	118,126	118,147	118,169	118,191	118,213	118,235	118,257	118,279	118,300	118,322
724.3	117,907	117,929	117,951	117,973	117,994	118,016	118,038	118,060	118,082	118,104
724.2	117,688	117,710	117,732	117,754	117,776	117,798	117,820	117,841	117,863	117,885
724.1	117,470	117,492	117,514	117,536	117,557	117,579	117,601	117,623	117,645	117,645
724.0	117,251	117,273	117,295	117,317	117,339	117,361	117,383	117,383	117,404	117,426
723.9	117,033	117,055	117,077	117,098	117,120	117,142	117,164	117,186	117,208	117,230
723.8	116,814	116,836	116,858	116,880	116,902	116,924	116,945	116,967	116,989	117,011
723.7	116,596	116,618	116,639	116,661	116,683	116,705	116,727	116,749	116,771	116,792
723.6	116,378	116,399	116,421	116,443	116,465	116,486	116,508	116,530	116,552	116,574

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723.5	116,162	116,183	116,205	116,227	116,248	116,270	116,291	116,313	116,335	116,356
723.4	115,946	115,968	115,989	116,011	116,032	116,054	116,075	116,097	116,119	116,140
723.3	115,730	115,752	115,773	115,795	115,816	115,838	115,860	115,881	115,903	115,924
723.2	115,514	115,536	115,557	115,579	115,600	115,622	115,644	115,665	115,687	115,708
723.1	115,298	115,320	115,341	115,363	115,385	115,406	115,428	115,449	115,471	115,471
723.0	115,082	115,104	115,125	115,147	115,169	115,190	115,212	115,212	115,233	115,255
722.9	114,866	114,888	114,910	114,931	114,953	114,974	114,996	115,018	115,039	115,061
722.8	114,650	114,672	114,694	114,715	114,737	114,758	114,780	114,802	114,823	114,845
722.7	114,435	114,456	114,478	114,499	114,521	114,543	114,564	114,586	114,607	114,629
722.6	114,219	114,240	114,262	114,283	114,305	114,327	114,348	114,370	114,391	114,413
722.5	114,006	114,027	114,048	114,070	114,091	114,112	114,134	114,155	114,176	114,198
722.4	113,792	113,814	113,835	113,856	113,878	113,899	113,920	113,942	113,963	113,984
722.3	113,579	113,600	113,622	113,643	113,664	113,686	113,707	113,728	113,750	113,771
722.2	113,365	113,387	113,408	113,429	113,451	113,472	113,493	113,515	113,536	113,557
722.1	113,152	113,173	113,195	113,216	113,237	113,259	113,280	113,301	113,323	113,323
722.0	112,939	112,960	112,981	113,003	113,024	113,045	113,067	113,067	113,088	113,109
721.9	112,725	112,746	112,768	112,789	112,810	112,832	112,853	112,874	112,896	112,917
721.8	112,512	112,533	112,554	112,576	112,597	112,618	112,640	112,661	112,682	112,704
721.7	112,298	112,320	112,341	112,362	112,384	112,405	112,426	112,448	112,469	112,490
721.6	112,085	112,106	112,127	112,149	112,170	112,191	112,213	112,234	112,256	112,277
721.5	111,875	111,896	111,917	111,938	111,959	111,980	112,001	112,022	112,043	112,064
721.4	111,664	111,685	111,706	111,727	111,748	111,769	111,790	111,811	111,833	111,854
721.3	111,453	111,474	111,496	111,517	111,538	111,559	111,580	111,601	111,622	111,643
721.2	111,243	111,264	111,285	111,306	111,327	111,348	111,369	111,390	111,411	111,432
721.1	111,032	111,053	111,074	111,095	111,116	111,137	111,159	111,180	111,201	111,201
721.0	110,821	110,843	110,864	110,885	110,906	110,927	110,948	110,948	110,969	110,990
720.9	110,611	110,632	110,653	110,674	110,695	110,716	110,737	110,758	110,779	110,800
720.8	110,400	110,421	110,442	110,463	110,484	110,506	110,527	110,548	110,569	110,590
720.7	110,190	110,211	110,232	110,253	110,274	110,295	110,316	110,337	110,358	110,379
720.6	109,979	110,000	110,021	110,042	110,063	110,084	110,105	110,126	110,147	110,169
720.5	109,772	109,792	109,813	109,834	109,855	109,876	109,896	109,917	109,938	109,959

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720.4	109,564	109,584	109,605	109,626	109,647	109,668	109,688	109,709	109,730	109,751
720.3	109,356	109,376	109,397	109,418	109,439	109,460	109,480	109,501	109,522	109,543
720.2	109,148	109,169	109,189	109,210	109,231	109,252	109,273	109,293	109,314	109,335
720.1	108,940	108,961	108,981	109,002	109,023	109,044	109,065	109,085	109,106	109,106
720.0	108,732	108,753	108,773	108,794	108,815	108,836	108,857	108,857	108,877	108,898
719.9	108,524	108,545	108,566	108,586	108,607	108,628	108,649	108,670	108,690	108,711
719.8	108,316	108,337	108,358	108,378	108,399	108,420	108,441	108,462	108,482	108,503
719.7	108,108	108,129	108,150	108,170	108,191	108,212	108,233	108,254	108,274	108,295
719.6	107,901	107,921	107,942	107,963	107,983	108,004	108,025	108,046	108,066	108,087
719.5	107,695	107,716	107,736	107,757	107,778	107,798	107,819	107,839	107,860	107,880
719.4	107,490	107,511	107,531	107,552	107,572	107,593	107,613	107,634	107,654	107,675
719.3	107,285	107,306	107,326	107,347	107,367	107,388	107,408	107,429	107,449	107,470
719.2	107,080	107,100	107,121	107,141	107,162	107,182	107,203	107,223	107,244	107,264
719.1	106,875	106,895	106,916	106,936	106,957	106,977	106,998	107,018	107,039	107,039
719.0	106,669	106,690	106,710	106,731	106,751	106,772	106,792	106,792	106,813	106,833
718.9	106,464	106,485	106,505	106,526	106,546	106,567	106,587	106,608	106,628	106,649
718.8	106,259	106,279	106,300	106,320	106,341	106,361	106,382	106,402	106,423	106,444
718.7	106,054	106,074	106,095	106,115	106,136	106,156	106,177	106,197	106,218	106,238
718.6	105,849	105,869	105,889	105,910	105,930	105,951	105,971	105,992	106,013	106,033
718.5	105,646	105,666	105,687	105,707	105,727	105,747	105,768	105,788	105,808	105,829
718.4	105,443	105,464	105,484	105,504	105,524	105,545	105,565	105,585	105,605	105,626
718.3	105,240	105,261	105,281	105,301	105,322	105,342	105,362	105,382	105,403	105,423
718.2	105,038	105,058	105,078	105,098	105,119	105,139	105,159	105,180	105,200	105,220
718.1	104,835	104,855	104,875	104,896	104,916	104,936	104,957	104,977	104,997	104,997
718.0	104,632	104,652	104,673	104,693	104,713	104,733	104,754	104,754	104,774	104,794
717.9	104,429	104,450	104,470	104,490	104,510	104,531	104,551	104,571	104,591	104,612
717.8	104,226	104,247	104,267	104,287	104,308	104,328	104,348	104,368	104,389	104,409
717.7	104,024	104,044	104,064	104,085	104,105	104,125	104,145	104,166	104,186	104,206
717.6	103,821	103,841	103,861	103,882	103,902	103,922	103,943	103,963	103,983	104,003
717.5	103,621	103,641	103,661	103,681	103,701	103,721	103,741	103,761	103,781	103,801
717.4	103,420	103,440	103,460	103,480	103,501	103,521	103,541	103,561	103,581	103,601

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717.3	103,220	103,240	103,260	103,280	103,300	103,320	103,340	103,360	103,380	103,400
717.2	103,019	103,039	103,059	103,079	103,099	103,120	103,140	103,160	103,180	103,200
717.1	102,819	102,839	102,859	102,879	102,899	102,919	102,939	102,959	102,979	102,979
717.0	102,618	102,638	102,658	102,678	102,698	102,719	102,739	102,739	102,759	102,779
716.9	102,418	102,438	102,458	102,478	102,498	102,518	102,538	102,558	102,578	102,598
716.8	102,217	102,237	102,257	102,277	102,297	102,318	102,338	102,358	102,378	102,398
716.7	102,017	102,037	102,057	102,077	102,097	102,117	102,137	102,157	102,177	102,197
716.6	101,817	101,837	101,856	101,876	101,896	101,916	101,937	101,957	101,977	101,997
716.5	101,619	101,639	101,658	101,678	101,698	101,718	101,738	101,757	101,777	101,797
716.4	101,421	101,440	101,460	101,480	101,500	101,520	101,540	101,559	101,579	101,599
716.3	101,223	101,242	101,262	101,282	101,302	101,322	101,341	101,361	101,381	101,401
716.2	101,025	101,044	101,064	101,084	101,104	101,124	101,143	101,163	101,183	101,203
716.1	100,827	100,846	100,866	100,886	100,906	100,926	100,945	100,965	100,985	100,985
716.0	100,629	100,648	100,668	100,688	100,708	100,728	100,747	100,747	100,767	100,787
715.9	100,431	100,450	100,470	100,490	100,510	100,530	100,549	100,569	100,589	100,609
715.8	100,233	100,252	100,272	100,292	100,312	100,332	100,351	100,371	100,391	100,411
715.7	100,035	100,054	100,074	100,094	100,114	100,134	100,153	100,173	100,193	100,213
715.6	99,837	99,857	99,876	99,896	99,916	99,936	99,955	99,975	99,995	100,015
715.5	99,641	99,661	99,680	99,700	99,720	99,739	99,759	99,778	99,798	99,817
715.4	99,446	99,465	99,485	99,504	99,524	99,543	99,563	99,583	99,602	99,622
715.3	99,250	99,269	99,289	99,309	99,328	99,348	99,367	99,387	99,406	99,426
715.2	99,054	99,074	99,093	99,113	99,132	99,152	99,172	99,191	99,211	99,230
715.1	98,858	98,878	98,898	98,917	98,937	98,956	98,976	98,995	99,015	99,015
715.0	98,663	98,682	98,702	98,721	98,741	98,761	98,780	98,780	98,800	98,819
714.9	98,467	98,487	98,506	98,526	98,545	98,565	98,584	98,604	98,624	98,643
714.8	98,271	98,291	98,311	98,330	98,350	98,369	98,389	98,408	98,428	98,448
714.7	98,076	98,095	98,115	98,134	98,154	98,174	98,193	98,213	98,232	98,252
714.6	97,880	97,900	97,919	97,939	97,958	97,978	97,997	98,017	98,037	98,056
714.5	97,687	97,707	97,726	97,745	97,765	97,784	97,803	97,823	97,842	97,861
714.4	97,494	97,513	97,533	97,552	97,571	97,591	97,610	97,629	97,649	97,668
714.3	97,301	97,320	97,339	97,359	97,378	97,397	97,417	97,436	97,455	97,475

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714.2	97,108	97,127	97,146	97,166	97,185	97,204	97,224	97,243	97,262	97,282
714.1	96,914	96,934	96,953	96,972	96,992	97,011	97,030	97,050	97,069	97,069
714.0	96,721	96,741	96,760	96,779	96,798	96,818	96,837	96,837	96,856	96,876
713.9	96,528	96,547	96,567	96,586	96,605	96,625	96,644	96,663	96,683	96,702
713.8	96,335	96,354	96,373	96,393	96,412	96,431	96,451	96,470	96,489	96,509
713.7	96,142	96,161	96,180	96,200	96,219	96,238	96,257	96,277	96,296	96,315
713.6	95,949	95,968	95,987	96,006	96,026	96,045	96,064	96,084	96,103	96,122
713.5	95,758	95,777	95,796	95,815	95,834	95,853	95,872	95,892	95,911	95,930
713.4	95,567	95,586	95,605	95,624	95,643	95,663	95,682	95,701	95,720	95,739
713.3	95,376	95,395	95,414	95,433	95,453	95,472	95,491	95,510	95,529	95,548
713.2	95,185	95,204	95,224	95,243	95,262	95,281	95,300	95,319	95,338	95,357
713.1	94,994	95,014	95,033	95,052	95,071	95,090	95,109	95,128	95,147	95,147
713.0	94,804	94,823	94,842	94,861	94,880	94,899	94,918	94,918	94,937	94,956
712.9	94,613	94,632	94,651	94,670	94,689	94,708	94,727	94,746	94,765	94,785
712.8	94,422	94,441	94,460	94,479	94,498	94,517	94,536	94,555	94,575	94,594
712.7	94,231	94,250	94,269	94,288	94,307	94,326	94,345	94,365	94,384	94,403
712.6	94,041	94,059	94,078	94,097	94,116	94,136	94,155	94,174	94,193	94,212
712.5	93,853	93,871	93,890	93,909	93,928	93,947	93,965	93,984	94,003	94,022
712.4	93,665	93,684	93,702	93,721	93,740	93,759	93,777	93,796	93,815	93,834
712.3	93,477	93,496	93,514	93,533	93,552	93,571	93,590	93,608	93,627	93,646
712.2	93,289	93,308	93,326	93,345	93,364	93,383	93,402	93,420	93,439	93,458
712.1	93,101	93,120	93,138	93,157	93,176	93,195	93,214	93,232	93,251	93,251
712.0	92,913	92,932	92,950	92,969	92,988	93,007	93,026	93,026	93,044	93,063
711.9	92,725	92,744	92,762	92,781	92,800	92,819	92,838	92,856	92,875	92,894
711.8	92,537	92,556	92,574	92,593	92,612	92,631	92,650	92,668	92,687	92,706
711.7	92,349	92,368	92,386	92,405	92,424	92,443	92,462	92,480	92,499	92,518
711.6	92,161	92,180	92,198	92,217	92,236	92,255	92,274	92,292	92,311	92,330
711.5	91,976	91,994	92,013	92,031	92,050	92,069	92,087	92,106	92,124	92,143
711.4	91,790	91,809	91,827	91,846	91,864	91,883	91,902	91,920	91,939	91,957
711.3	91,605	91,623	91,642	91,660	91,679	91,697	91,716	91,735	91,753	91,772
711.2	91,419	91,438	91,456	91,475	91,493	91,512	91,531	91,549	91,568	91,586

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711.1	91,234	91,252	91,271	91,289	91,308	91,326	91,345	91,364	91,382	91,382
711.0	91,048	91,067	91,085	91,104	91,122	91,141	91,159	91,159	91,178	91,197
710.9	90,863	90,881	90,900	90,918	90,937	90,955	90,974	90,993	91,011	91,030
710.8	90,677	90,696	90,714	90,733	90,751	90,770	90,788	90,807	90,826	90,844
710.7	90,492	90,510	90,529	90,547	90,566	90,584	90,603	90,621	90,640	90,659
710.6	90,307	90,325	90,343	90,362	90,380	90,399	90,417	90,436	90,455	90,473
710.5	90,124	90,142	90,160	90,178	90,197	90,215	90,233	90,252	90,270	90,288
710.4	89,941	89,959	89,977	89,995	90,014	90,032	90,050	90,069	90,087	90,105
710.3	89,757	89,776	89,794	89,812	89,831	89,849	89,867	89,886	89,904	89,922
710.2	89,574	89,593	89,611	89,629	89,648	89,666	89,684	89,703	89,721	89,739
710.1	89,391	89,410	89,428	89,446	89,465	89,483	89,501	89,520	89,538	89,538
710.0	89,208	89,227	89,245	89,263	89,282	89,300	89,318	89,318	89,336	89,355
709.9	89,025	89,044	89,062	89,080	89,099	89,117	89,135	89,153	89,172	89,190
709.8	88,842	88,861	88,879	88,897	88,915	88,934	88,952	88,970	88,989	89,007
709.7	88,659	88,678	88,696	88,714	88,732	88,751	88,769	88,787	88,806	88,824
709.6	88,477	88,495	88,513	88,531	88,549	88,568	88,586	88,604	88,623	88,641
709.5	88,296	88,314	88,332	88,350	88,368	88,386	88,405	88,423	88,441	88,459
709.4	88,116	88,134	88,152	88,170	88,188	88,206	88,224	88,242	88,260	88,278
709.3	87,935	87,953	87,971	87,990	88,008	88,026	88,044	88,062	88,080	88,098
709.2	87,755	87,773	87,791	87,809	87,827	87,845	87,863	87,881	87,899	87,917
709.1	87,575	87,593	87,611	87,629	87,647	87,665	87,683	87,701	87,719	87,719
709.0	87,394	87,412	87,430	87,448	87,466	87,484	87,502	87,502	87,520	87,538
708.9	87,214	87,232	87,250	87,268	87,286	87,304	87,322	87,340	87,358	87,376
708.8	87,033	87,051	87,069	87,087	87,105	87,123	87,141	87,160	87,178	87,196
708.7	86,853	86,871	86,889	86,907	86,925	86,943	86,961	86,979	86,997	87,015
708.6	86,673	86,691	86,708	86,726	86,745	86,763	86,781	86,799	86,817	86,835
708.5	86,495	86,513	86,531	86,548	86,566	86,584	86,602	86,619	86,637	86,655
708.4	86,317	86,335	86,353	86,370	86,388	86,406	86,424	86,442	86,459	86,477
708.3	86,139	86,157	86,175	86,193	86,210	86,228	86,246	86,264	86,282	86,299
708.2	85,961	85,979	85,997	86,015	86,033	86,050	86,068	86,086	86,104	86,122
708.1	85,784	85,801	85,819	85,837	85,855	85,873	85,890	85,908	85,926	85,926

Cachuma Lake NGVD 29 Datum

708.0	85,606	85,624	85,641	85,659	85,677	85,695	85,712	85,712	85,730	85,748
707.9	85,428	85,446	85,463	85,481	85,499	85,517	85,535	85,552	85,570	85,588
707.8	85,250	85,268	85,286	85,303	85,321	85,339	85,357	85,375	85,392	85,410
707.7	85,072	85,090	85,108	85,126	85,143	85,161	85,179	85,197	85,214	85,232
707.6	84,895	84,912	84,930	84,948	84,965	84,983	85,001	85,019	85,037	85,054
707.5	84,720	84,738	84,755	84,773	84,790	84,808	84,825	84,843	84,860	84,877
707.4	84,546	84,563	84,580	84,598	84,615	84,633	84,650	84,668	84,685	84,703
707.3	84,371	84,388	84,406	84,423	84,441	84,458	84,476	84,493	84,511	84,528
707.2	84,196	84,214	84,231	84,249	84,266	84,283	84,301	84,318	84,336	84,353
707.1	84,021	84,039	84,056	84,074	84,091	84,109	84,126	84,144	84,161	84,161
707.0	83,847	83,864	83,882	83,899	83,917	83,934	83,952	83,952	83,969	83,986
706.9	83,672	83,689	83,707	83,724	83,742	83,759	83,777	83,794	83,812	83,829
706.8	83,497	83,515	83,532	83,550	83,567	83,585	83,602	83,620	83,637	83,655
706.7	83,323	83,340	83,358	83,375	83,392	83,410	83,427	83,445	83,462	83,480
706.6	83,148	83,166	83,183	83,200	83,218	83,235	83,253	83,270	83,288	83,305
706.5	82,976	82,993	83,011	83,028	83,045	83,062	83,079	83,097	83,114	83,131
706.4	82,804	82,821	82,838	82,855	82,873	82,890	82,907	82,924	82,942	82,959
706.3	82,632	82,649	82,666	82,683	82,700	82,718	82,735	82,752	82,769	82,787
706.2	82,459	82,477	82,494	82,511	82,528	82,545	82,563	82,580	82,597	82,614
706.1	82,287	82,304	82,321	82,339	82,356	82,373	82,390	82,408	82,425	82,425
706.0	82,115	82,132	82,149	82,166	82,184	82,201	82,218	82,218	82,235	82,253
705.9	81,942	81,960	81,977	81,994	82,011	82,029	82,046	82,063	82,080	82,098
705.8	81,770	81,787	81,805	81,822	81,839	81,856	81,874	81,891	81,908	81,925
705.7	81,598	81,615	81,632	81,650	81,667	81,684	81,701	81,719	81,736	81,753
705.6	81,426	81,443	81,460	81,477	81,495	81,512	81,529	81,546	81,564	81,581
705.5	81,256	81,273	81,290	81,307	81,324	81,341	81,358	81,375	81,392	81,409
705.4	81,086	81,103	81,120	81,137	81,154	81,171	81,188	81,205	81,222	81,239
705.3	80,916	80,933	80,950	80,967	80,984	81,001	81,018	81,035	81,052	81,069
705.2	80,746	80,763	80,780	80,797	80,814	80,831	80,848	80,865	80,882	80,899
705.1	80,576	80,593	80,610	80,627	80,644	80,661	80,678	80,695	80,712	80,712
705.0	80,406	80,423	80,440	80,457	80,474	80,491	80,508	80,508	80,525	80,542

Cachuma Lake NGVD 29 Datum

701.9	75,253	75,270	75,286	75,302	75,319	75,335	75,351	75,368	75,384	75,400
701.8	75,090	75,107	75,123	75,139	75,155	75,172	75,188	75,204	75,221	75,237
701.7	74,927	74,943	74,960	74,976	74,992	75,009	75,025	75,041	75,058	75,074
701.6	74,764	74,780	74,796	74,813	74,829	74,845	74,862	74,878	74,894	74,911
701.5	74,603	74,619	74,635	74,651	74,667	74,683	74,699	74,716	74,732	74,748
701.4	74,441	74,457	74,473	74,489	74,506	74,522	74,538	74,554	74,570	74,586
701.3	74,279	74,296	74,312	74,328	74,344	74,360	74,376	74,392	74,409	74,425
701.2	74,118	74,134	74,150	74,166	74,182	74,199	74,215	74,231	74,247	74,263
701.1	73,956	73,972	73,989	74,005	74,021	74,037	74,053	74,069	74,085	74,085
701.0	73,795	73,811	73,827	73,843	73,859	73,875	73,892	73,892	73,908	73,924
700.9	73,633	73,649	73,665	73,682	73,698	73,714	73,730	73,746	73,762	73,778
700.8	73,471	73,488	73,504	73,520	73,536	73,552	73,568	73,585	73,601	73,617
700.7	73,310	73,326	73,342	73,358	73,375	73,391	73,407	73,423	73,439	73,455
700.6	73,149	73,165	73,181	73,197	73,213	73,229	73,245	73,261	73,278	73,294
700.5	72,989	73,005	73,021	73,037	73,053	73,069	73,085	73,101	73,117	73,133
700.4	72,829	72,845	72,861	72,877	72,893	72,909	72,925	72,941	72,957	72,973
700.3	72,669	72,685	72,701	72,717	72,733	72,749	72,765	72,781	72,797	72,813
700.2	72,509	72,525	72,541	72,557	72,573	72,589	72,605	72,621	72,637	72,653
700.1	72,349	72,365	72,381	72,397	72,413	72,429	72,445	72,461	72,477	72,477
700.0	72,189	72,205	72,221	72,237	72,253	72,269	72,285	72,285	72,301	72,317
699.9	72,029	72,045	72,061	72,077	72,093	72,109	72,125	72,141	72,157	72,173
699.8	71,870	71,886	71,902	71,918	71,933	71,949	71,965	71,981	71,997	72,013
699.7	71,710	71,726	71,742	71,758	71,774	71,790	71,806	71,822	71,838	71,854
699.6	71,550	71,566	71,582	71,598	71,614	71,630	71,646	71,662	71,678	71,694
699.5	71,392	71,408	71,424	71,440	71,455	71,471	71,487	71,503	71,519	71,534
699.4	71,234	71,250	71,266	71,282	71,297	71,313	71,329	71,345	71,361	71,376
699.3	71,076	71,092	71,108	71,124	71,139	71,155	71,171	71,187	71,203	71,218
699.2	70,918	70,934	70,950	70,966	70,981	70,997	71,013	71,029	71,045	71,060
699.1	70,760	70,776	70,792	70,808	70,824	70,839	70,855	70,871	70,887	70,887
699.0	70,602	70,618	70,634	70,650	70,666	70,681	70,697	70,697	70,713	70,729
698.9	70,444	70,460	70,476	70,492	70,508	70,523	70,539	70,555	70,571	70,587

Cachuma Lake NGVD 29 Datum

698.8	70,286	70,302	70,318	70,334	70,350	70,365	70,381	70,397	70,413	70,429
698.7	70,128	70,144	70,160	70,176	70,192	70,207	70,223	70,239	70,255	70,271
698.6	69,971	69,987	70,002	70,018	70,034	70,050	70,065	70,081	70,097	70,113
698.5	69,815	69,831	69,846	69,862	69,877	69,893	69,909	69,924	69,940	69,955
698.4	69,659	69,675	69,690	69,706	69,722	69,737	69,753	69,768	69,784	69,799
698.3	69,503	69,519	69,535	69,550	69,566	69,581	69,597	69,612	69,628	69,644
698.2	69,347	69,363	69,379	69,394	69,410	69,425	69,441	69,457	69,472	69,488
698.1	69,192	69,207	69,223	69,238	69,254	69,270	69,285	69,301	69,316	69,316
698.0	69,036	69,051	69,067	69,082	69,098	69,114	69,129	69,129	69,145	69,160
697.9	68,880	68,895	68,911	68,927	68,942	68,958	68,973	68,989	69,005	69,020
697.8	68,724	68,740	68,755	68,771	68,786	68,802	68,818	68,833	68,849	68,864
697.7	68,568	68,584	68,599	68,615	68,630	68,646	68,662	68,677	68,693	68,708
697.6	68,413	68,428	68,443	68,459	68,475	68,490	68,506	68,521	68,537	68,553
697.5	68,259	68,274	68,290	68,305	68,320	68,336	68,351	68,367	68,382	68,397
697.4	68,105	68,121	68,136	68,151	68,167	68,182	68,198	68,213	68,228	68,244
697.3	67,952	67,967	67,982	67,998	68,013	68,029	68,044	68,059	68,075	68,090
697.2	67,798	67,813	67,829	67,844	67,859	67,875	67,890	67,906	67,921	67,936
697.1	67,644	67,660	67,675	67,690	67,706	67,721	67,737	67,752	67,767	67,767
697.0	67,491	67,506	67,521	67,537	67,552	67,568	67,583	67,583	67,598	67,614
696.9	67,337	67,352	67,368	67,383	67,398	67,414	67,429	67,445	67,460	67,475
696.8	67,183	67,199	67,214	67,229	67,245	67,260	67,276	67,291	67,306	67,322
696.7	67,030	67,045	67,060	67,076	67,091	67,106	67,122	67,137	67,153	67,168
696.6	66,876	66,892	66,907	66,922	66,937	66,953	66,968	66,984	66,999	67,014
696.5	66,725	66,740	66,755	66,770	66,785	66,801	66,816	66,831	66,846	66,861
696.4	66,573	66,588	66,603	66,619	66,634	66,649	66,664	66,679	66,694	66,710
696.3	66,421	66,437	66,452	66,467	66,482	66,497	66,512	66,528	66,543	66,558
696.2	66,270	66,285	66,300	66,315	66,331	66,346	66,361	66,376	66,391	66,406
696.1	66,118	66,133	66,149	66,164	66,179	66,194	66,209	66,224	66,240	66,240
696.0	65,967	65,982	65,997	66,012	66,027	66,042	66,058	66,058	66,073	66,088
695.9	65,815	65,830	65,845	65,860	65,876	65,891	65,906	65,921	65,936	65,951
695.8	65,663	65,679	65,694	65,709	65,724	65,739	65,754	65,769	65,785	65,800

Cachuma Lake NGVD 29 Datum

695.7	65,512	65,527	65,542	65,557	65,572	65,588	65,603	65,618	65,633	65,648
695.6	65,360	65,375	65,390	65,406	65,421	65,436	65,451	65,466	65,481	65,497
695.5	65,211	65,226	65,241	65,256	65,271	65,286	65,301	65,316	65,331	65,346
695.4	65,061	65,076	65,091	65,106	65,121	65,136	65,151	65,166	65,181	65,196
695.3	64,912	64,927	64,942	64,957	64,972	64,987	65,001	65,016	65,031	65,046
695.2	64,762	64,777	64,792	64,807	64,822	64,837	64,852	64,867	64,882	64,897
695.1	64,613	64,628	64,642	64,657	64,672	64,687	64,702	64,717	64,732	64,732
695.0	64,463	64,478	64,493	64,508	64,523	64,538	64,553	64,553	64,568	64,583
694.9	64,313	64,328	64,343	64,358	64,373	64,388	64,403	64,418	64,433	64,448
694.8	64,164	64,179	64,194	64,209	64,224	64,239	64,254	64,269	64,284	64,298
694.7	64,014	64,029	64,044	64,059	64,074	64,089	64,104	64,119	64,134	64,149
694.6	63,865	63,880	63,895	63,910	63,925	63,939	63,954	63,969	63,984	63,999
694.5	63,718	63,732	63,747	63,762	63,777	63,791	63,806	63,821	63,836	63,850
694.4	63,570	63,585	63,600	63,614	63,629	63,644	63,659	63,673	63,688	63,703
694.3	63,423	63,437	63,452	63,467	63,482	63,496	63,511	63,526	63,541	63,555
694.2	63,275	63,290	63,305	63,319	63,334	63,349	63,364	63,378	63,393	63,408
694.1	63,128	63,142	63,157	63,172	63,187	63,201	63,216	63,231	63,246	63,246
694.0	62,980	62,995	63,009	63,024	63,039	63,054	63,069	63,069	63,083	63,098
693.9	62,832	62,847	62,862	62,877	62,891	62,906	62,921	62,936	62,950	62,965
693.8	62,685	62,700	62,714	62,729	62,744	62,759	62,773	62,788	62,803	62,818
693.7	62,537	62,552	62,567	62,582	62,596	62,611	62,626	62,641	62,655	62,670
693.6	62,390	62,405	62,419	62,434	62,449	62,464	62,478	62,493	62,508	62,523
693.5	62,245	62,260	62,274	62,289	62,303	62,318	62,332	62,347	62,361	62,376
693.4	62,100	62,115	62,129	62,144	62,158	62,173	62,187	62,202	62,216	62,231
693.3	61,955	61,969	61,984	61,998	62,013	62,028	62,042	62,057	62,071	62,086
693.2	61,810	61,824	61,839	61,853	61,868	61,882	61,897	61,911	61,926	61,940
693.1	61,665	61,679	61,694	61,708	61,723	61,737	61,752	61,766	61,781	61,781
693.0	61,519	61,534	61,549	61,563	61,578	61,592	61,607	61,607	61,621	61,636
692.9	61,374	61,389	61,403	61,418	61,432	61,447	61,461	61,476	61,490	61,505
692.8	61,229	61,244	61,258	61,273	61,287	61,302	61,316	61,331	61,345	61,360
692.7	61,084	61,099	61,113	61,128	61,142	61,157	61,171	61,186	61,200	61,215

Cachuma Lake NGVD 29 Datum

692.6	60,939	60,954	60,968	60,982	60,997	61,011	61,026	61,040	61,055	61,069
692.5	60,796	60,811	60,825	60,839	60,853	60,868	60,882	60,896	60,911	60,925
692.4	60,653	60,668	60,682	60,696	60,710	60,725	60,739	60,753	60,768	60,782
692.3	60,510	60,525	60,539	60,553	60,567	60,582	60,596	60,610	60,625	60,639
692.2	60,367	60,382	60,396	60,410	60,424	60,439	60,453	60,467	60,482	60,496
692.1	60,224	60,239	60,253	60,267	60,281	60,296	60,310	60,324	60,339	60,339
692.0	60,081	60,096	60,110	60,124	60,138	60,153	60,167	60,167	60,181	60,196
691.9	59,938	59,953	59,967	59,981	59,995	60,010	60,024	60,038	60,053	60,067
691.8	59,795	59,810	59,824	59,838	59,852	59,867	59,881	59,895	59,910	59,924
691.7	59,652	59,667	59,681	59,695	59,709	59,724	59,738	59,752	59,767	59,781
691.6	59,510	59,524	59,538	59,552	59,566	59,581	59,595	59,609	59,624	59,638
691.5	59,368	59,383	59,397	59,411	59,425	59,439	59,453	59,467	59,481	59,496
691.4	59,227	59,241	59,255	59,270	59,284	59,298	59,312	59,326	59,340	59,354
691.3	59,086	59,100	59,114	59,128	59,143	59,157	59,171	59,185	59,199	59,213
691.2	58,945	58,959	58,973	58,987	59,001	59,015	59,030	59,044	59,058	59,072
691.1	58,804	58,818	58,832	58,846	58,860	58,874	58,888	58,902	58,917	58,917
691.0	58,662	58,677	58,691	58,705	58,719	58,733	58,747	58,747	58,761	58,775
690.9	58,521	58,535	58,549	58,564	58,578	58,592	58,606	58,620	58,634	58,648
690.8	58,380	58,394	58,408	58,422	58,436	58,451	58,465	58,479	58,493	58,507
690.7	58,239	58,253	58,267	58,281	58,295	58,309	58,324	58,338	58,352	58,366
690.6	58,098	58,112	58,126	58,140	58,154	58,168	58,182	58,196	58,211	58,225
690.5	57,958	57,972	57,986	58,000	58,014	58,028	58,042	58,056	58,070	58,084
690.4	57,819	57,833	57,847	57,861	57,875	57,889	57,902	57,916	57,930	57,944
690.3	57,679	57,693	57,707	57,721	57,735	57,749	57,763	57,777	57,791	57,805
690.2	57,540	57,553	57,567	57,581	57,595	57,609	57,623	57,637	57,651	57,665
690.1	57,400	57,414	57,428	57,442	57,456	57,470	57,484	57,498	57,512	57,512
690.0	57,260	57,274	57,288	57,302	57,316	57,330	57,344	57,344	57,358	57,372
689.9	57,121	57,135	57,149	57,163	57,177	57,191	57,205	57,218	57,232	57,246
689.8	56,981	56,995	57,009	57,023	57,037	57,051	57,065	57,079	57,093	57,107
689.7	56,842	56,856	56,869	56,883	56,897	56,911	56,925	56,939	56,953	56,967
689.6	56,702	56,716	56,730	56,744	56,758	56,772	56,786	56,800	56,814	56,828

Cachuma Lake NGVD 29 Datum

689.5	56,564	56,578	56,592	56,606	56,619	56,633	56,647	56,661	56,675	56,688
689.4	56,426	56,440	56,454	56,468	56,481	56,495	56,509	56,523	56,537	56,550
689.3	56,288	56,302	56,316	56,330	56,343	56,357	56,371	56,385	56,399	56,412
689.2	56,150	56,164	56,178	56,192	56,205	56,219	56,233	56,247	56,261	56,274
689.1	56,012	56,026	56,040	56,053	56,067	56,081	56,095	56,109	56,123	56,123
689.0	55,874	55,888	55,902	55,915	55,929	55,943	55,957	55,957	55,971	55,984
688.9	55,736	55,750	55,764	55,777	55,791	55,805	55,819	55,833	55,846	55,860
688.8	55,598	55,612	55,626	55,639	55,653	55,667	55,681	55,695	55,708	55,722
688.7	55,460	55,474	55,488	55,501	55,515	55,529	55,543	55,557	55,570	55,584
688.6	55,322	55,336	55,349	55,363	55,377	55,391	55,405	55,419	55,432	55,446
688.5	55,186	55,199	55,213	55,227	55,240	55,254	55,268	55,281	55,295	55,309
688.4	55,049	55,063	55,077	55,090	55,104	55,118	55,131	55,145	55,159	55,172
688.3	54,913	54,927	54,940	54,954	54,968	54,981	54,995	55,008	55,022	55,036
688.2	54,777	54,790	54,804	54,817	54,831	54,845	54,858	54,872	54,886	54,899
688.1	54,640	54,654	54,667	54,681	54,695	54,708	54,722	54,736	54,749	54,749
688.0	54,504	54,517	54,531	54,545	54,558	54,572	54,586	54,586	54,599	54,613
687.9	54,367	54,381	54,395	54,408	54,422	54,436	54,449	54,463	54,476	54,490
687.8	54,231	54,245	54,258	54,272	54,285	54,299	54,313	54,326	54,340	54,354
687.7	54,095	54,108	54,122	54,135	54,149	54,163	54,176	54,190	54,204	54,217
687.6	53,959	53,972	53,985	53,999	54,013	54,026	54,040	54,054	54,067	54,081
687.5	53,825	53,838	53,851	53,865	53,878	53,892	53,905	53,918	53,932	53,945
687.4	53,691	53,704	53,717	53,731	53,744	53,758	53,771	53,784	53,798	53,811
687.3	53,557	53,570	53,583	53,597	53,610	53,624	53,637	53,650	53,664	53,677
687.2	53,423	53,436	53,449	53,463	53,476	53,490	53,503	53,516	53,530	53,543
687.1	53,289	53,302	53,315	53,329	53,342	53,356	53,369	53,382	53,396	53,396
687.0	53,155	53,168	53,181	53,195	53,208	53,222	53,235	53,235	53,248	53,262
686.9	53,021	53,034	53,047	53,061	53,074	53,088	53,101	53,114	53,128	53,141
686.8	52,887	52,900	52,913	52,927	52,940	52,954	52,967	52,980	52,994	53,007
686.7	52,753	52,766	52,779	52,793	52,806	52,820	52,833	52,846	52,860	52,873
686.6	52,619	52,632	52,645	52,659	52,672	52,686	52,699	52,712	52,726	52,739
686.5	52,487	52,500	52,513	52,527	52,540	52,553	52,566	52,579	52,593	52,606

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686.4	52,355	52,368	52,381	52,395	52,408	52,421	52,434	52,447	52,461	52,474
686.3	52,223	52,236	52,249	52,263	52,276	52,289	52,302	52,315	52,329	52,342
686.2	52,091	52,104	52,117	52,131	52,144	52,157	52,170	52,183	52,197	52,210
686.1	51,959	51,972	51,985	51,999	52,012	52,025	52,038	52,051	52,065	52,065
686.0	51,827	51,840	51,853	51,867	51,880	51,893	51,906	51,906	51,919	51,933
685.9	51,695	51,708	51,721	51,735	51,748	51,761	51,774	51,787	51,801	51,814
685.8	51,563	51,576	51,589	51,603	51,616	51,629	51,642	51,655	51,669	51,682
685.7	51,431	51,444	51,457	51,471	51,484	51,497	51,510	51,523	51,537	51,550
685.6	51,299	51,312	51,325	51,339	51,352	51,365	51,378	51,391	51,405	51,418
685.5	51,169	51,182	51,195	51,208	51,221	51,234	51,247	51,260	51,273	51,286
685.4	51,039	51,052	51,065	51,078	51,091	51,104	51,117	51,130	51,143	51,156
685.3	50,909	50,922	50,935	50,948	50,961	50,974	50,987	51,000	51,013	51,026
685.2	50,778	50,791	50,804	50,818	50,831	50,844	50,857	50,870	50,883	50,896
685.1	50,648	50,661	50,674	50,687	50,700	50,713	50,726	50,739	50,752	50,752
685.0	50,518	50,531	50,544	50,557	50,570	50,583	50,596	50,596	50,609	50,622
684.9	50,388	50,401	50,414	50,427	50,440	50,453	50,466	50,479	50,492	50,505
684.8	50,257	50,270	50,284	50,297	50,310	50,323	50,336	50,349	50,362	50,375
684.7	50,127	50,140	50,153	50,166	50,179	50,192	50,205	50,218	50,231	50,244
684.6	49,997	50,010	50,023	50,036	50,049	50,062	50,075	50,088	50,101	50,114
684.5	49,869	49,882	49,895	49,907	49,920	49,933	49,946	49,959	49,972	49,985
684.4	49,740	49,753	49,766	49,779	49,792	49,805	49,818	49,830	49,843	49,856
684.3	49,612	49,625	49,638	49,651	49,663	49,676	49,689	49,702	49,715	49,728
684.2	49,484	49,496	49,509	49,522	49,535	49,548	49,561	49,573	49,586	49,599
684.1	49,355	49,368	49,381	49,394	49,406	49,419	49,432	49,445	49,458	49,458
684.0	49,227	49,239	49,252	49,265	49,278	49,291	49,304	49,304	49,317	49,329
683.9	49,098	49,111	49,124	49,137	49,150	49,162	49,175	49,188	49,201	49,214
683.8	48,970	48,983	48,995	49,008	49,021	49,034	49,047	49,060	49,072	49,085
683.7	48,841	48,854	48,867	48,880	48,893	48,905	48,918	48,931	48,944	48,957
683.6	48,713	48,726	48,738	48,751	48,764	48,777	48,790	48,803	48,816	48,828
683.5	48,587	48,599	48,612	48,625	48,637	48,650	48,663	48,675	48,688	48,701
683.4	48,461	48,473	48,486	48,498	48,511	48,524	48,536	48,549	48,562	48,574

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683.3	48,334	48,347	48,359	48,372	48,385	48,397	48,410	48,423	48,435	48,448
683.2	48,208	48,220	48,233	48,246	48,258	48,271	48,284	48,296	48,309	48,322
683.1	48,081	48,094	48,107	48,119	48,132	48,145	48,157	48,170	48,183	48,183
683.0	47,955	47,968	47,980	47,993	48,006	48,018	48,031	48,031	48,044	48,056
682.9	47,829	47,841	47,854	47,867	47,879	47,892	47,905	47,917	47,930	47,943
682.8	47,702	47,715	47,728	47,740	47,753	47,766	47,778	47,791	47,804	47,816
682.7	47,576	47,589	47,601	47,614	47,627	47,639	47,652	47,665	47,677	47,690
682.6	47,450	47,463	47,475	47,488	47,500	47,513	47,526	47,538	47,551	47,563
682.5	47,326	47,339	47,351	47,363	47,376	47,388	47,401	47,413	47,425	47,438
682.4	47,202	47,215	47,227	47,239	47,252	47,264	47,277	47,289	47,301	47,314
682.3	47,078	47,091	47,103	47,115	47,128	47,140	47,153	47,165	47,177	47,190
682.2	46,954	46,967	46,979	46,991	47,004	47,016	47,029	47,041	47,053	47,066
682.1	46,830	46,843	46,855	46,868	46,880	46,892	46,905	46,917	46,930	46,930
682.0	46,706	46,719	46,731	46,744	46,756	46,768	46,781	46,781	46,793	46,806
681.9	46,582	46,595	46,607	46,620	46,632	46,644	46,657	46,669	46,682	46,694
681.8	46,458	46,471	46,483	46,496	46,508	46,520	46,533	46,545	46,558	46,570
681.7	46,334	46,347	46,359	46,372	46,384	46,396	46,409	46,421	46,434	46,446
681.6	46,211	46,223	46,235	46,248	46,260	46,272	46,285	46,297	46,310	46,322
681.5	46,089	46,102	46,114	46,126	46,138	46,150	46,162	46,174	46,187	46,199
681.4	45,968	45,980	45,992	46,004	46,017	46,029	46,041	46,053	46,065	46,077
681.3	45,846	45,859	45,871	45,883	45,895	45,907	45,919	45,932	45,944	45,956
681.2	45,725	45,737	45,749	45,761	45,774	45,786	45,798	45,810	45,822	45,834
681.1	45,604	45,616	45,628	45,640	45,652	45,664	45,676	45,689	45,701	45,701
681.0	45,482	45,494	45,506	45,519	45,531	45,543	45,555	45,555	45,567	45,579
680.9	45,361	45,373	45,385	45,397	45,409	45,421	45,433	45,446	45,458	45,470
680.8	45,239	45,251	45,263	45,276	45,288	45,300	45,312	45,324	45,336	45,348
680.7	45,118	45,130	45,142	45,154	45,166	45,178	45,191	45,203	45,215	45,227
680.6	44,997	45,009	45,020	45,033	45,045	45,057	45,069	45,081	45,093	45,106
680.5	44,878	44,890	44,902	44,913	44,925	44,937	44,949	44,961	44,973	44,985
680.4	44,759	44,771	44,783	44,795	44,806	44,818	44,830	44,842	44,854	44,866
680.3	44,640	44,652	44,664	44,676	44,688	44,700	44,711	44,723	44,735	44,747

Cachuma Lake NGVD 29 Datum

680.2	44,521	44,533	44,545	44,557	44,569	44,581	44,593	44,604	44,616	44,628
680.1	44,402	44,414	44,426	44,438	44,450	44,462	44,474	44,486	44,497	44,497
680.0	44,283	44,295	44,307	44,319	44,331	44,343	44,355	44,355	44,367	44,379
679.9	44,165	44,176	44,188	44,200	44,212	44,224	44,236	44,248	44,260	44,272
679.8	44,046	44,058	44,069	44,081	44,093	44,105	44,117	44,129	44,141	44,153
679.7	43,927	43,939	43,951	43,962	43,974	43,986	43,998	44,010	44,022	44,034
679.6	43,808	43,820	43,832	43,844	43,855	43,867	43,879	43,891	43,903	43,915
679.5	43,692	43,703	43,715	43,727	43,738	43,750	43,762	43,773	43,785	43,797
679.4	43,575	43,587	43,598	43,610	43,622	43,633	43,645	43,657	43,668	43,680
679.3	43,458	43,470	43,482	43,493	43,505	43,517	43,528	43,540	43,552	43,563
679.2	43,341	43,353	43,365	43,376	43,388	43,400	43,412	43,423	43,435	43,447
679.1	43,225	43,236	43,248	43,260	43,271	43,283	43,295	43,306	43,318	43,318
679.0	43,108	43,120	43,131	43,143	43,155	43,166	43,178	43,178	43,190	43,201
678.9	42,991	43,003	43,015	43,026	43,038	43,050	43,061	43,073	43,085	43,096
678.8	42,875	42,886	42,898	42,910	42,921	42,933	42,945	42,956	42,968	42,980
678.7	42,758	42,770	42,781	42,793	42,805	42,816	42,828	42,840	42,851	42,863
678.6	42,641	42,653	42,665	42,676	42,688	42,700	42,711	42,723	42,735	42,746
678.5	42,526	42,538	42,549	42,561	42,572	42,584	42,595	42,607	42,618	42,630
678.4	42,411	42,423	42,434	42,446	42,457	42,469	42,480	42,492	42,503	42,515
678.3	42,296	42,308	42,319	42,331	42,342	42,354	42,365	42,377	42,388	42,400
678.2	42,181	42,192	42,204	42,216	42,227	42,239	42,250	42,262	42,273	42,285
678.1	42,066	42,077	42,089	42,100	42,112	42,123	42,135	42,146	42,158	42,158
678.0	41,951	41,962	41,974	41,985	41,997	42,008	42,020	42,020	42,031	42,043
677.9	41,836	41,847	41,859	41,870	41,882	41,893	41,905	41,916	41,928	41,939
677.8	41,720	41,732	41,743	41,755	41,767	41,778	41,790	41,801	41,813	41,824
677.7	41,605	41,617	41,628	41,640	41,651	41,663	41,674	41,686	41,697	41,709
677.6	41,490	41,502	41,513	41,525	41,536	41,548	41,559	41,571	41,582	41,594
677.5	41,377	41,388	41,400	41,411	41,422	41,434	41,445	41,456	41,468	41,479
677.4	41,263	41,274	41,286	41,297	41,309	41,320	41,331	41,343	41,354	41,365
677.3	41,149	41,161	41,172	41,183	41,195	41,206	41,218	41,229	41,240	41,252
677.2	41,036	41,047	41,058	41,070	41,081	41,092	41,104	41,115	41,127	41,138

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677.1	40,922	40,933	40,945	40,956	40,967	40,979	40,990	41,001	41,013	41,013
677.0	40,808	40,819	40,831	40,842	40,854	40,865	40,876	40,876	40,888	40,899
676.9	40,694	40,706	40,717	40,729	40,740	40,751	40,763	40,774	40,785	40,797
676.8	40,581	40,592	40,603	40,615	40,626	40,638	40,649	40,660	40,672	40,683
676.7	40,467	40,478	40,490	40,501	40,512	40,524	40,535	40,547	40,558	40,569
676.6	40,354	40,365	40,376	40,387	40,399	40,410	40,421	40,433	40,444	40,456
676.5	40,241	40,253	40,264	40,275	40,286	40,297	40,309	40,320	40,331	40,342
676.4	40,129	40,140	40,152	40,163	40,174	40,185	40,196	40,208	40,219	40,230
676.3	40,017	40,028	40,039	40,051	40,062	40,073	40,084	40,095	40,107	40,118
676.2	39,905	39,916	39,927	39,938	39,950	39,961	39,972	39,983	39,994	40,006
676.1	39,793	39,804	39,815	39,826	39,837	39,849	39,860	39,871	39,882	39,882
676.0	39,680	39,692	39,703	39,714	39,725	39,736	39,748	39,748	39,759	39,770
675.9	39,568	39,579	39,591	39,602	39,613	39,624	39,635	39,647	39,658	39,669
675.8	39,456	39,467	39,478	39,490	39,501	39,512	39,523	39,534	39,546	39,557
675.7	39,344	39,355	39,366	39,377	39,389	39,400	39,411	39,422	39,433	39,445
675.6	39,232	39,243	39,254	39,265	39,276	39,288	39,299	39,310	39,321	39,332
675.5	39,122	39,133	39,144	39,155	39,166	39,177	39,188	39,199	39,210	39,221
675.4	39,011	39,022	39,033	39,044	39,055	39,066	39,077	39,088	39,099	39,110
675.3	38,901	38,912	38,923	38,934	38,945	38,956	38,967	38,978	38,989	39,000
675.2	38,790	38,801	38,813	38,824	38,835	38,846	38,857	38,868	38,879	38,890
675.1	38,680	38,691	38,702	38,713	38,724	38,735	38,746	38,757	38,768	38,768
675.0	38,570	38,581	38,592	38,603	38,614	38,625	38,636	38,636	38,647	38,658
674.9	38,459	38,470	38,481	38,492	38,504	38,515	38,526	38,537	38,548	38,559
674.8	38,349	38,360	38,371	38,382	38,393	38,404	38,415	38,426	38,437	38,448
674.7	38,239	38,250	38,261	38,272	38,283	38,294	38,305	38,316	38,327	38,338
674.6	38,129	38,140	38,150	38,161	38,172	38,184	38,195	38,206	38,217	38,228
674.5	38,020	38,031	38,042	38,053	38,064	38,075	38,085	38,096	38,107	38,118
674.4	37,912	37,923	37,934	37,945	37,955	37,966	37,977	37,988	37,999	38,010
674.3	37,804	37,815	37,825	37,836	37,847	37,858	37,869	37,880	37,890	37,901
674.2	37,696	37,706	37,717	37,728	37,739	37,750	37,761	37,771	37,782	37,793
674.1	37,587	37,598	37,609	37,620	37,631	37,641	37,652	37,663	37,674	37,674

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674.0	37,479	37,490	37,501	37,511	37,522	37,533	37,544	37,544	37,555	37,566
673.9	37,371	37,381	37,392	37,403	37,414	37,425	37,436	37,446	37,457	37,468
673.8	37,262	37,273	37,284	37,295	37,306	37,316	37,327	37,338	37,349	37,360
673.7	37,154	37,165	37,176	37,187	37,197	37,208	37,219	37,230	37,241	37,251
673.6	37,046	37,057	37,067	37,078	37,089	37,100	37,111	37,122	37,132	37,143
673.5	36,940	36,950	36,961	36,972	36,982	36,993	37,004	37,014	37,025	37,036
673.4	36,834	36,844	36,855	36,865	36,876	36,887	36,897	36,908	36,919	36,929
673.3	36,727	36,738	36,749	36,759	36,770	36,780	36,791	36,802	36,812	36,823
673.2	36,621	36,632	36,642	36,653	36,664	36,674	36,685	36,695	36,706	36,717
673.1	36,515	36,525	36,536	36,547	36,557	36,568	36,579	36,589	36,600	36,600
673.0	36,409	36,419	36,430	36,440	36,451	36,462	36,472	36,472	36,483	36,494
672.9	36,302	36,313	36,324	36,334	36,345	36,355	36,366	36,377	36,387	36,398
672.8	36,196	36,207	36,217	36,228	36,238	36,249	36,260	36,270	36,281	36,292
672.7	36,090	36,100	36,111	36,122	36,132	36,143	36,153	36,164	36,175	36,185
672.6	35,984	35,994	36,005	36,015	36,026	36,037	36,047	36,058	36,068	36,079
672.5	35,880	35,890	35,901	35,911	35,921	35,932	35,942	35,953	35,963	35,973
672.4	35,776	35,786	35,796	35,807	35,817	35,828	35,838	35,848	35,859	35,869
672.3	35,671	35,682	35,692	35,703	35,713	35,723	35,734	35,744	35,755	35,765
672.2	35,567	35,578	35,588	35,598	35,609	35,619	35,630	35,640	35,650	35,661
672.1	35,463	35,473	35,484	35,494	35,505	35,515	35,525	35,536	35,546	35,546
672.0	35,359	35,369	35,380	35,390	35,400	35,411	35,421	35,421	35,432	35,442
671.9	35,255	35,265	35,275	35,286	35,296	35,307	35,317	35,328	35,338	35,348
671.8	35,150	35,161	35,171	35,182	35,192	35,203	35,213	35,223	35,234	35,244
671.7	35,046	35,057	35,067	35,078	35,088	35,098	35,109	35,119	35,130	35,140
671.6	34,943	34,953	34,963	34,973	34,984	34,994	35,005	35,015	35,025	35,036
671.5	34,841	34,851	34,861	34,871	34,881	34,892	34,902	34,912	34,922	34,932
671.4	34,739	34,749	34,759	34,770	34,780	34,790	34,800	34,810	34,820	34,831
671.3	34,637	34,647	34,658	34,668	34,678	34,688	34,698	34,708	34,719	34,729
671.2	34,535	34,546	34,556	34,566	34,576	34,586	34,596	34,607	34,617	34,627
671.1	34,434	34,444	34,454	34,464	34,474	34,484	34,495	34,505	34,515	34,515
671.0	34,332	34,342	34,352	34,362	34,373	34,383	34,393	34,393	34,403	34,413

Cachuma Lake NGVD 29 Datum

667.9	31,280	31,289	31,299	31,309	31,318	31,328	31,337	31,347	31,357	31,366
667.8	31,184	31,193	31,203	31,213	31,222	31,232	31,241	31,251	31,261	31,270
667.7	31,088	31,097	31,107	31,117	31,126	31,136	31,145	31,155	31,165	31,174
667.6	30,992	31,002	31,011	31,021	31,030	31,040	31,049	31,059	31,069	31,078
667.5	30,898	30,908	30,917	30,927	30,936	30,945	30,955	30,964	30,974	30,983
667.4	30,804	30,814	30,823	30,833	30,842	30,851	30,861	30,870	30,880	30,889
667.3	30,710	30,720	30,729	30,739	30,748	30,757	30,767	30,776	30,786	30,795
667.2	30,616	30,626	30,635	30,645	30,654	30,663	30,673	30,682	30,692	30,701
667.1	30,522	30,532	30,541	30,551	30,560	30,569	30,579	30,588	30,598	30,598
667.0	30,428	30,438	30,447	30,457	30,466	30,475	30,485	30,485	30,494	30,504
666.9	30,334	30,344	30,353	30,363	30,372	30,381	30,391	30,400	30,410	30,419
666.8	30,240	30,250	30,259	30,269	30,278	30,287	30,297	30,306	30,316	30,325
666.7	30,146	30,156	30,165	30,175	30,184	30,193	30,203	30,212	30,222	30,231
666.6	30,053	30,062	30,071	30,081	30,090	30,099	30,109	30,118	30,128	30,137
666.5	29,961	29,970	29,980	29,989	29,998	30,007	30,016	30,025	30,035	30,044
666.4	29,870	29,879	29,888	29,897	29,906	29,915	29,925	29,934	29,943	29,952
666.3	29,778	29,787	29,796	29,805	29,815	29,824	29,833	29,842	29,851	29,860
666.2	29,686	29,695	29,705	29,714	29,723	29,732	29,741	29,750	29,760	29,769
666.1	29,595	29,604	29,613	29,622	29,631	29,640	29,650	29,659	29,668	29,668
666.0	29,503	29,512	29,521	29,530	29,540	29,549	29,558	29,558	29,567	29,576
665.9	29,411	29,420	29,430	29,439	29,448	29,457	29,466	29,475	29,485	29,494
665.8	29,320	29,329	29,338	29,347	29,356	29,365	29,375	29,384	29,393	29,402
665.7	29,228	29,237	29,246	29,255	29,265	29,274	29,283	29,292	29,301	29,310
665.6	29,137	29,146	29,155	29,164	29,173	29,182	29,191	29,200	29,210	29,219
665.5	29,047	29,056	29,065	29,074	29,083	29,092	29,101	29,110	29,119	29,128
665.4	28,957	28,966	28,975	28,984	28,993	29,002	29,011	29,020	29,029	29,038
665.3	28,867	28,876	28,885	28,894	28,903	28,912	28,921	28,930	28,939	28,948
665.2	28,777	28,786	28,795	28,804	28,813	28,822	28,831	28,840	28,849	28,858
665.1	28,687	28,696	28,705	28,714	28,723	28,732	28,741	28,750	28,759	28,759
665.0	28,597	28,606	28,615	28,624	28,633	28,642	28,651	28,651	28,660	28,669
664.9	28,507	28,516	28,525	28,534	28,543	28,552	28,561	28,570	28,579	28,588

Cachuma Lake NGVD 29 Datum

664.8	28,417	28,426	28,435	28,444	28,453	28,462	28,471	28,480	28,489	28,498
664.7	28,328	28,337	28,346	28,355	28,363	28,372	28,381	28,390	28,399	28,408
664.6	28,238	28,247	28,256	28,265	28,274	28,283	28,292	28,301	28,310	28,319
664.5	28,150	28,158	28,167	28,176	28,185	28,194	28,203	28,211	28,220	28,229
664.4	28,061	28,070	28,079	28,088	28,096	28,105	28,114	28,123	28,132	28,141
664.3	27,973	27,982	27,990	27,999	28,008	28,017	28,026	28,035	28,043	28,052
664.2	27,884	27,893	27,902	27,911	27,920	27,929	27,937	27,946	27,955	27,964
664.1	27,796	27,805	27,814	27,822	27,831	27,840	27,849	27,858	27,867	27,867
664.0	27,707	27,716	27,725	27,734	27,743	27,752	27,761	27,761	27,769	27,778
663.9	27,619	27,628	27,637	27,646	27,654	27,663	27,672	27,681	27,690	27,699
663.8	27,531	27,540	27,548	27,557	27,566	27,575	27,584	27,593	27,601	27,610
663.7	27,442	27,451	27,460	27,469	27,478	27,486	27,495	27,504	27,513	27,522
663.6	27,354	27,363	27,372	27,380	27,389	27,398	27,407	27,416	27,425	27,433
663.5	27,267	27,276	27,285	27,293	27,302	27,311	27,319	27,328	27,337	27,345
663.4	27,180	27,189	27,198	27,206	27,215	27,224	27,232	27,241	27,250	27,258
663.3	27,093	27,102	27,111	27,119	27,128	27,137	27,145	27,154	27,163	27,171
663.2	27,006	27,015	27,024	27,032	27,041	27,050	27,058	27,067	27,076	27,085
663.1	26,919	26,928	26,937	26,945	26,954	26,963	26,971	26,980	26,989	26,989
663.0	26,832	26,841	26,850	26,858	26,867	26,876	26,884	26,884	26,893	26,902
662.9	26,745	26,754	26,763	26,771	26,780	26,789	26,797	26,806	26,815	26,824
662.8	26,658	26,667	26,676	26,684	26,693	26,702	26,710	26,719	26,728	26,737
662.7	26,571	26,580	26,589	26,597	26,606	26,615	26,623	26,632	26,641	26,650
662.6	26,485	26,493	26,502	26,510	26,519	26,528	26,537	26,545	26,554	26,563
662.5	26,399	26,407	26,416	26,425	26,433	26,442	26,450	26,459	26,467	26,476
662.4	26,313	26,322	26,330	26,339	26,347	26,356	26,365	26,373	26,382	26,390
662.3	26,227	26,236	26,245	26,253	26,262	26,270	26,279	26,287	26,296	26,305
662.2	26,142	26,150	26,159	26,167	26,176	26,185	26,193	26,202	26,210	26,219
662.1	26,056	26,065	26,073	26,082	26,090	26,099	26,108	26,116	26,125	26,125
662.0	25,970	25,979	25,988	25,996	26,005	26,013	26,022	26,022	26,030	26,039
661.9	25,885	25,893	25,902	25,910	25,919	25,928	25,936	25,945	25,953	25,962
661.8	25,799	25,808	25,816	25,825	25,833	25,842	25,850	25,859	25,868	25,876

Cachuma Lake NGVD 29 Datum

661.7	25,713	25,722	25,730	25,739	25,748	25,756	25,765	25,773	25,782	25,790
661.6	25,628	25,636	25,645	25,653	25,662	25,670	25,679	25,688	25,696	25,705
661.5	25,543	25,552	25,560	25,569	25,577	25,586	25,594	25,602	25,611	25,619
661.4	25,459	25,467	25,476	25,484	25,493	25,501	25,509	25,518	25,526	25,535
661.3	25,374	25,383	25,391	25,399	25,408	25,416	25,425	25,433	25,442	25,450
661.2	25,290	25,298	25,306	25,315	25,323	25,332	25,340	25,349	25,357	25,366
661.1	25,205	25,213	25,222	25,230	25,239	25,247	25,256	25,264	25,273	25,273
661.0	25,120	25,129	25,137	25,146	25,154	25,163	25,171	25,171	25,180	25,188
660.9	25,036	25,044	25,053	25,061	25,070	25,078	25,087	25,095	25,103	25,112
660.8	24,951	24,960	24,968	24,977	24,985	24,994	25,002	25,010	25,019	25,027
660.7	24,867	24,875	24,884	24,892	24,900	24,909	24,917	24,926	24,934	24,943
660.6	24,782	24,791	24,799	24,807	24,816	24,824	24,833	24,841	24,850	24,858
660.5	24,699	24,707	24,715	24,724	24,732	24,741	24,749	24,757	24,766	24,774
660.4	24,615	24,624	24,632	24,640	24,649	24,657	24,665	24,674	24,682	24,690
660.3	24,532	24,540	24,548	24,557	24,565	24,573	24,582	24,590	24,599	24,607
660.2	24,448	24,456	24,465	24,473	24,482	24,490	24,498	24,507	24,515	24,523
660.1	24,365	24,373	24,381	24,390	24,398	24,406	24,415	24,423	24,431	24,431
660.0	24,281	24,289	24,298	24,306	24,314	24,323	24,331	24,331	24,340	24,348
659.9	24,198	24,206	24,214	24,223	24,231	24,239	24,248	24,256	24,264	24,273
659.8	24,114	24,122	24,131	24,139	24,147	24,156	24,164	24,172	24,181	24,189
659.7	24,030	24,039	24,047	24,056	24,064	24,072	24,081	24,089	24,097	24,106
659.6	23,947	23,955	23,964	23,972	23,980	23,989	23,997	24,005	24,014	24,022
659.5	23,865	23,873	23,881	23,889	23,898	23,906	23,914	23,922	23,931	23,939
659.4	23,782	23,790	23,799	23,807	23,815	23,823	23,832	23,840	23,848	23,856
659.3	23,699	23,708	23,716	23,724	23,733	23,741	23,749	23,757	23,766	23,774
659.2	23,617	23,625	23,633	23,642	23,650	23,658	23,666	23,675	23,683	23,691
659.1	23,534	23,543	23,551	23,559	23,567	23,576	23,584	23,592	23,600	23,600
659.0	23,452	23,460	23,468	23,477	23,485	23,493	23,501	23,501	23,510	23,518
658.9	23,369	23,378	23,386	23,394	23,402	23,411	23,419	23,427	23,435	23,444
658.8	23,287	23,295	23,303	23,311	23,320	23,328	23,336	23,345	23,353	23,361
658.7	23,204	23,212	23,221	23,229	23,237	23,245	23,254	23,262	23,270	23,278

Cachuma Lake NGVD 29 Datum

658.6	23,122	23,130	23,138	23,146	23,155	23,163	23,171	23,179	23,188	23,196
658.5	23,040	23,048	23,056	23,065	23,073	23,081	23,089	23,097	23,105	23,114
658.4	22,959	22,967	22,975	22,983	22,991	22,999	23,008	23,016	23,024	23,032
658.3	22,877	22,885	22,893	22,901	22,910	22,918	22,926	22,934	22,942	22,950
658.2	22,795	22,803	22,812	22,820	22,828	22,836	22,844	22,852	22,861	22,869
658.1	22,714	22,722	22,730	22,738	22,746	22,754	22,763	22,771	22,779	22,779
658.0	22,632	22,640	22,648	22,657	22,665	22,673	22,681	22,681	22,689	22,697
657.9	22,550	22,559	22,567	22,575	22,583	22,591	22,599	22,608	22,616	22,624
657.8	22,469	22,477	22,485	22,493	22,501	22,510	22,518	22,526	22,534	22,542
657.7	22,387	22,395	22,404	22,412	22,420	22,428	22,436	22,444	22,452	22,461
657.6	22,306	22,314	22,322	22,330	22,338	22,346	22,355	22,363	22,371	22,379
657.5	22,225	22,233	22,241	22,249	22,257	22,265	22,273	22,282	22,290	22,298
657.4	22,144	22,152	22,160	22,169	22,177	22,185	22,193	22,201	22,209	22,217
657.3	22,064	22,072	22,080	22,088	22,096	22,104	22,112	22,120	22,128	22,136
657.2	21,983	21,991	21,999	22,007	22,015	22,023	22,031	22,039	22,047	22,056
657.1	21,902	21,910	21,918	21,926	21,934	21,943	21,951	21,959	21,967	21,967
657.0	21,821	21,830	21,838	21,846	21,854	21,862	21,870	21,870	21,878	21,886
656.9	21,741	21,749	21,757	21,765	21,773	21,781	21,789	21,797	21,805	21,813
656.8	21,660	21,668	21,676	21,684	21,692	21,700	21,708	21,716	21,725	21,733
656.7	21,579	21,587	21,595	21,603	21,612	21,620	21,628	21,636	21,644	21,652
656.6	21,499	21,507	21,515	21,523	21,531	21,539	21,547	21,555	21,563	21,571
656.5	21,419	21,427	21,435	21,443	21,451	21,459	21,467	21,475	21,483	21,491
656.4	21,339	21,347	21,355	21,363	21,371	21,379	21,387	21,395	21,403	21,411
656.3	21,259	21,267	21,275	21,283	21,291	21,299	21,307	21,315	21,323	21,331
656.2	21,180	21,188	21,196	21,204	21,212	21,220	21,227	21,235	21,243	21,251
656.1	21,100	21,108	21,116	21,124	21,132	21,140	21,148	21,156	21,164	21,164
656.0	21,020	21,028	21,036	21,044	21,052	21,060	21,068	21,068	21,076	21,084
655.9	20,940	20,948	20,956	20,964	20,972	20,980	20,988	20,996	21,004	21,012
655.8	20,860	20,868	20,876	20,884	20,892	20,900	20,908	20,916	20,924	20,932
655.7	20,781	20,789	20,797	20,805	20,813	20,821	20,829	20,837	20,845	20,853
655.6	20,701	20,709	20,717	20,725	20,733	20,741	20,749	20,757	20,765	20,773

Cachuma Lake NGVD 29 Datum

655.5	20,622	20,630	20,638	20,646	20,654	20,662	20,670	20,677	20,685	20,693
655.4	20,543	20,551	20,559	20,567	20,575	20,583	20,591	20,599	20,607	20,614
655.3	20,465	20,473	20,480	20,488	20,496	20,504	20,512	20,520	20,528	20,536
655.2	20,386	20,394	20,402	20,409	20,417	20,425	20,433	20,441	20,449	20,457
655.1	20,307	20,315	20,323	20,331	20,339	20,346	20,354	20,362	20,370	20,370
655.0	20,228	20,236	20,244	20,252	20,260	20,268	20,275	20,275	20,283	20,291
654.9	20,149	20,157	20,165	20,173	20,181	20,189	20,197	20,205	20,212	20,220
654.8	20,071	20,078	20,086	20,094	20,102	20,110	20,118	20,126	20,134	20,142
654.7	19,992	20,000	20,008	20,015	20,023	20,031	20,039	20,047	20,055	20,063
654.6	19,913	19,921	19,929	19,937	19,944	19,952	19,960	19,968	19,976	19,984
654.5	19,835	19,843	19,851	19,859	19,866	19,874	19,882	19,890	19,898	19,905
654.4	19,757	19,765	19,773	19,781	19,789	19,796	19,804	19,812	19,820	19,827
654.3	19,680	19,687	19,695	19,703	19,711	19,718	19,726	19,734	19,742	19,750
654.2	19,602	19,610	19,617	19,625	19,633	19,641	19,648	19,656	19,664	19,672
654.1	19,524	19,532	19,539	19,547	19,555	19,563	19,571	19,578	19,586	19,586
654.0	19,446	19,454	19,462	19,469	19,477	19,485	19,493	19,493	19,501	19,508
653.9	19,368	19,376	19,384	19,392	19,399	19,407	19,415	19,423	19,430	19,438
653.8	19,290	19,298	19,306	19,314	19,321	19,329	19,337	19,345	19,353	19,360
653.7	19,212	19,220	19,228	19,236	19,244	19,251	19,259	19,267	19,275	19,283
653.6	19,135	19,143	19,150	19,158	19,166	19,174	19,181	19,189	19,197	19,205
653.5	19,058	19,066	19,073	19,081	19,089	19,096	19,104	19,112	19,119	19,127
653.4	18,981	18,989	18,997	19,004	19,012	19,020	19,027	19,035	19,043	19,050
653.3	18,905	18,912	18,920	18,928	18,935	18,943	18,951	18,958	18,966	18,974
653.2	18,828	18,835	18,843	18,851	18,858	18,866	18,874	18,882	18,889	18,897
653.1	18,751	18,759	18,766	18,774	18,782	18,789	18,797	18,805	18,812	18,812
653.0	18,674	18,682	18,690	18,697	18,705	18,713	18,720	18,720	18,728	18,736
652.9	18,597	18,605	18,613	18,621	18,628	18,636	18,644	18,651	18,659	18,667
652.8	18,521	18,528	18,536	18,544	18,551	18,559	18,567	18,574	18,582	18,590
652.7	18,444	18,452	18,459	18,467	18,475	18,482	18,490	18,498	18,505	18,513
652.6	18,367	18,375	18,383	18,390	18,398	18,406	18,413	18,421	18,429	18,436
652.5	18,292	18,300	18,307	18,315	18,322	18,330	18,337	18,345	18,352	18,360

Cachuma Lake NGVD 29 Datum

652.4	18,217	18,224	18,232	18,239	18,247	18,254	18,262	18,270	18,277	18,285
652.3	18,141	18,149	18,156	18,164	18,172	18,179	18,187	18,194	18,202	18,209
652.2	18,066	18,074	18,081	18,089	18,096	18,104	18,111	18,119	18,126	18,134
652.1	17,991	17,998	18,006	18,013	18,021	18,028	18,036	18,043	18,051	18,051
652.0	17,915	17,923	17,930	17,938	17,946	17,953	17,961	17,961	17,968	17,976
651.9	17,840	17,848	17,855	17,863	17,870	17,878	17,885	17,893	17,900	17,908
651.8	17,765	17,772	17,780	17,787	17,795	17,802	17,810	17,817	17,825	17,832
651.7	17,689	17,697	17,704	17,712	17,719	17,727	17,735	17,742	17,750	17,757
651.6	17,614	17,622	17,629	17,637	17,644	17,652	17,659	17,667	17,674	17,682
651.5	17,541	17,548	17,556	17,563	17,570	17,578	17,585	17,592	17,600	17,607
651.4	17,468	17,475	17,483	17,490	17,497	17,504	17,512	17,519	17,526	17,534
651.3	17,395	17,402	17,409	17,417	17,424	17,431	17,439	17,446	17,453	17,461
651.2	17,321	17,329	17,336	17,343	17,351	17,358	17,365	17,373	17,380	17,387
651.1	17,248	17,255	17,263	17,270	17,277	17,285	17,292	17,299	17,307	17,307
651.0	17,175	17,182	17,189	17,197	17,204	17,211	17,219	17,219	17,226	17,233
650.9	17,102	17,109	17,116	17,124	17,131	17,138	17,146	17,153	17,160	17,167
650.8	17,028	17,036	17,043	17,050	17,058	17,065	17,072	17,080	17,087	17,094
650.7	16,955	16,962	16,970	16,977	16,984	16,992	16,999	17,006	17,014	17,021
650.6	16,882	16,889	16,896	16,904	16,911	16,918	16,926	16,933	16,940	16,948
650.5	16,811	16,819	16,826	16,833	16,840	16,847	16,854	16,861	16,868	16,875
650.4	16,741	16,748	16,755	16,762	16,769	16,776	16,783	16,790	16,797	16,804
650.3	16,670	16,677	16,684	16,691	16,698	16,705	16,712	16,719	16,726	16,733
650.2	16,599	16,606	16,613	16,620	16,627	16,634	16,641	16,648	16,656	16,663
650.1	16,528	16,535	16,542	16,549	16,556	16,563	16,571	16,578	16,585	16,585
650.0	16,457	16,464	16,471	16,478	16,485	16,493	16,500	16,500	16,507	16,514
649.9	16,386	16,393	16,400	16,408	16,415	16,422	16,429	16,436	16,443	16,450
649.8	16,315	16,323	16,330	16,337	16,344	16,351	16,358	16,365	16,372	16,379
649.7	16,245	16,252	16,259	16,266	16,273	16,280	16,287	16,294	16,301	16,308
649.6	16,174	16,181	16,188	16,195	16,202	16,209	16,216	16,223	16,230	16,238
649.5	16,105	16,112	16,119	16,126	16,133	16,140	16,147	16,154	16,160	16,167
649.4	16,036	16,043	16,050	16,057	16,064	16,071	16,078	16,085	16,092	16,098

Cachuma Lake NGVD 29 Datum

649.3	15,968	15,975	15,981	15,988	15,995	16,002	16,009	16,016	16,023	16,030
649.2	15,899	15,906	15,913	15,919	15,926	15,933	15,940	15,947	15,954	15,961
649.1	15,830	15,837	15,844	15,851	15,858	15,864	15,871	15,878	15,885	15,885
649.0	15,761	15,768	15,775	15,782	15,789	15,796	15,802	15,802	15,809	15,816
648.9	15,692	15,699	15,706	15,713	15,720	15,727	15,734	15,740	15,747	15,754
648.8	15,623	15,630	15,637	15,644	15,651	15,658	15,665	15,672	15,679	15,685
648.7	15,555	15,562	15,568	15,575	15,582	15,589	15,596	15,603	15,610	15,617
648.6	15,486	15,493	15,500	15,506	15,513	15,520	15,527	15,534	15,541	15,548
648.5	15,419	15,426	15,433	15,439	15,446	15,453	15,459	15,466	15,473	15,480
648.4	15,352	15,359	15,366	15,373	15,379	15,386	15,393	15,399	15,406	15,413
648.3	15,286	15,292	15,299	15,306	15,312	15,319	15,326	15,332	15,339	15,346
648.2	15,219	15,225	15,232	15,239	15,245	15,252	15,259	15,266	15,272	15,279
648.1	15,152	15,159	15,165	15,172	15,179	15,185	15,192	15,199	15,205	15,205
648.0	15,085	15,092	15,098	15,105	15,112	15,118	15,125	15,125	15,132	15,139
647.9	15,018	15,025	15,032	15,038	15,045	15,052	15,058	15,065	15,072	15,078
647.8	14,951	14,958	14,965	14,971	14,978	14,985	14,991	14,998	15,005	15,011
647.7	14,884	14,891	14,898	14,904	14,911	14,918	14,925	14,931	14,938	14,945
647.6	14,818	14,824	14,831	14,838	14,844	14,851	14,858	14,864	14,871	14,878
647.5	14,753	14,760	14,766	14,773	14,779	14,786	14,792	14,799	14,805	14,811
647.4	14,688	14,695	14,701	14,708	14,714	14,721	14,727	14,734	14,740	14,747
647.3	14,624	14,630	14,637	14,643	14,649	14,656	14,662	14,669	14,675	14,682
647.2	14,559	14,565	14,572	14,578	14,585	14,591	14,598	14,604	14,611	14,617
647.1	14,494	14,500	14,507	14,513	14,520	14,526	14,533	14,539	14,546	14,546
647.0	14,429	14,436	14,442	14,449	14,455	14,462	14,468	14,468	14,474	14,481
646.9	14,364	14,371	14,377	14,384	14,390	14,397	14,403	14,410	14,416	14,423
646.8	14,299	14,306	14,312	14,319	14,325	14,332	14,338	14,345	14,351	14,358
646.7	14,235	14,241	14,248	14,254	14,261	14,267	14,274	14,280	14,287	14,293
646.6	14,170	14,177	14,183	14,189	14,196	14,202	14,209	14,215	14,222	14,228
646.5	14,107	14,114	14,120	14,126	14,133	14,139	14,145	14,151	14,158	14,164
646.4	14,045	14,051	14,057	14,064	14,070	14,076	14,082	14,089	14,095	14,101
646.3	13,982	13,988	13,994	14,001	14,007	14,013	14,020	14,026	14,032	14,038

Cachuma Lake NGVD 29 Datum

646.2	13,919	13,925	13,932	13,938	13,944	13,950	13,957	13,963	13,969	13,976
646.1	13,856	13,863	13,869	13,875	13,881	13,888	13,894	13,900	13,907	13,907
646.0	13,794	13,800	13,806	13,812	13,819	13,825	13,831	13,831	13,837	13,844
645.9	13,731	13,737	13,743	13,750	13,756	13,762	13,768	13,775	13,781	13,787
645.8	13,668	13,674	13,680	13,687	13,693	13,699	13,706	13,712	13,718	13,724
645.7	13,605	13,611	13,618	13,624	13,630	13,637	13,643	13,649	13,655	13,662
645.6	13,543	13,549	13,555	13,561	13,567	13,574	13,580	13,586	13,593	13,599
645.5	13,482	13,488	13,494	13,500	13,506	13,512	13,518	13,524	13,530	13,537
645.4	13,421	13,427	13,433	13,439	13,445	13,451	13,457	13,463	13,469	13,476
645.3	13,360	13,366	13,372	13,378	13,384	13,390	13,396	13,402	13,408	13,415
645.2	13,299	13,305	13,311	13,317	13,323	13,329	13,335	13,341	13,347	13,354
645.1	13,238	13,244	13,250	13,256	13,262	13,268	13,274	13,280	13,286	13,286
645.0	13,177	13,183	13,189	13,195	13,201	13,207	13,213	13,213	13,219	13,225
644.9	13,116	13,122	13,128	13,134	13,140	13,146	13,152	13,158	13,164	13,171
644.8	13,055	13,061	13,067	13,073	13,079	13,085	13,091	13,097	13,103	13,110
644.7	12,994	13,000	13,006	13,012	13,018	13,024	13,030	13,036	13,042	13,049
644.6	12,933	12,939	12,945	12,951	12,957	12,963	12,969	12,975	12,981	12,988
644.5	12,874	12,880	12,886	12,892	12,898	12,904	12,910	12,915	12,921	12,927
644.4	12,815	12,821	12,827	12,833	12,839	12,845	12,851	12,857	12,862	12,868
644.3	12,757	12,762	12,768	12,774	12,780	12,786	12,792	12,798	12,804	12,810
644.2	12,698	12,704	12,710	12,715	12,721	12,727	12,733	12,739	12,745	12,751
644.1	12,639	12,645	12,651	12,657	12,662	12,668	12,674	12,680	12,686	12,686
644.0	12,580	12,586	12,592	12,598	12,604	12,610	12,615	12,615	12,621	12,627
643.9	12,521	12,527	12,533	12,539	12,545	12,551	12,557	12,562	12,568	12,574
643.8	12,462	12,468	12,474	12,480	12,486	12,492	12,498	12,504	12,510	12,515
643.7	12,404	12,410	12,415	12,421	12,427	12,433	12,439	12,445	12,451	12,457
643.6	12,345	12,351	12,357	12,362	12,368	12,374	12,380	12,386	12,392	12,398
643.5	12,289	12,294	12,300	12,306	12,311	12,317	12,323	12,328	12,334	12,340
643.4	12,232	12,238	12,244	12,249	12,255	12,260	12,266	12,272	12,277	12,283
643.3	12,176	12,181	12,187	12,193	12,198	12,204	12,210	12,215	12,221	12,227
643.2	12,119	12,125	12,131	12,136	12,142	12,147	12,153	12,159	12,164	12,170

Cachuma Lake NGVD 29 Datum

643.1	12,063	12,068	12,074	12,080	12,085	12,091	12,097	12,102	12,108	12,108
643.0	12,006	12,012	12,017	12,023	12,029	12,034	12,040	12,040	12,046	12,051
642.9	11,950	11,955	11,961	11,967	11,972	11,978	11,984	11,989	11,995	12,001
642.8	11,893	11,899	11,904	11,910	11,916	11,921	11,927	11,933	11,938	11,944
642.7	11,837	11,842	11,848	11,854	11,859	11,865	11,871	11,876	11,882	11,887
642.6	11,781	11,786	11,791	11,797	11,803	11,808	11,814	11,820	11,825	11,831
642.5	11,727	11,732	11,737	11,743	11,748	11,754	11,759	11,764	11,770	11,775
642.4	11,673	11,678	11,683	11,689	11,694	11,700	11,705	11,710	11,716	11,721
642.3	11,619	11,624	11,629	11,635	11,640	11,646	11,651	11,656	11,662	11,667
642.2	11,565	11,570	11,576	11,581	11,586	11,592	11,597	11,602	11,608	11,613
642.1	11,511	11,516	11,522	11,527	11,532	11,538	11,543	11,549	11,554	11,554
642.0	11,457	11,462	11,468	11,473	11,478	11,484	11,489	11,489	11,495	11,500
641.9	11,403	11,408	11,414	11,419	11,424	11,430	11,435	11,441	11,446	11,451
641.8	11,349	11,354	11,360	11,365	11,370	11,376	11,381	11,387	11,392	11,397
641.7	11,295	11,300	11,306	11,311	11,316	11,322	11,327	11,333	11,338	11,343
641.6	11,241	11,246	11,252	11,257	11,262	11,268	11,273	11,279	11,284	11,289
641.5	11,190	11,195	11,200	11,205	11,210	11,216	11,221	11,226	11,231	11,236
641.4	11,138	11,143	11,149	11,154	11,159	11,164	11,169	11,174	11,179	11,185
641.3	11,087	11,092	11,097	11,102	11,107	11,112	11,118	11,123	11,128	11,133
641.2	11,035	11,040	11,046	11,051	11,056	11,061	11,066	11,071	11,076	11,082
641.1	10,984	10,989	10,994	10,999	11,004	11,009	11,015	11,020	11,025	11,025
641.0	10,932	10,937	10,942	10,948	10,953	10,958	10,963	10,963	10,968	10,973
640.9	10,881	10,886	10,891	10,896	10,901	10,906	10,912	10,917	10,922	10,927
640.8	10,829	10,834	10,839	10,845	10,850	10,855	10,860	10,865	10,870	10,875
640.7	10,778	10,783	10,788	10,793	10,798	10,803	10,808	10,814	10,819	10,824
640.6	10,726	10,731	10,736	10,741	10,747	10,752	10,757	10,762	10,767	10,772
640.5	10,677	10,682	10,687	10,692	10,697	10,702	10,706	10,711	10,716	10,721
640.4	10,627	10,632	10,637	10,642	10,647	10,652	10,657	10,662	10,667	10,672
640.3	10,577	10,582	10,587	10,592	10,597	10,602	10,607	10,612	10,617	10,622
640.2	10,528	10,533	10,538	10,543	10,548	10,552	10,557	10,562	10,567	10,572
640.1	10,478	10,483	10,488	10,493	10,498	10,503	10,508	10,513	10,518	10,518

Cachuma Lake NGVD 29 Datum

640.0	10,428	10,433	10,438	10,443	10,448	10,453	10,458	10,458	10,463	10,468
639.9	10,379	10,384	10,389	10,393	10,398	10,403	10,408	10,413	10,418	10,423
639.8	10,329	10,334	10,339	10,344	10,349	10,354	10,359	10,364	10,369	10,374
639.7	10,279	10,284	10,289	10,294	10,299	10,304	10,309	10,314	10,319	10,324
639.6	10,230	10,235	10,239	10,244	10,249	10,254	10,259	10,264	10,269	10,274
639.5	10,182	10,187	10,192	10,196	10,201	10,206	10,211	10,216	10,220	10,225
639.4	10,134	10,139	10,144	10,148	10,153	10,158	10,163	10,168	10,172	10,177
639.3	10,086	10,091	10,096	10,101	10,105	10,110	10,115	10,120	10,124	10,129
639.2	10,038	10,043	10,048	10,053	10,057	10,062	10,067	10,072	10,077	10,081
639.1	9,990	9,995	10,000	10,005	10,009	10,014	10,019	10,024	10,029	10,029
639.0	9,942	9,947	9,952	9,957	9,962	9,966	9,971	9,971	9,976	9,981
638.9	9,895	9,899	9,904	9,909	9,914	9,918	9,923	9,928	9,933	9,938
638.8	9,847	9,851	9,856	9,861	9,866	9,871	9,875	9,880	9,885	9,890
638.7	9,799	9,803	9,808	9,813	9,818	9,823	9,827	9,832	9,837	9,842
638.6	9,751	9,756	9,760	9,765	9,770	9,775	9,780	9,784	9,789	9,794
638.5	9,705	9,709	9,714	9,719	9,723	9,728	9,733	9,737	9,742	9,746
638.4	9,659	9,663	9,668	9,672	9,677	9,682	9,686	9,691	9,696	9,700
638.3	9,612	9,617	9,622	9,626	9,631	9,635	9,640	9,645	9,649	9,654
638.2	9,566	9,571	9,575	9,580	9,585	9,589	9,594	9,598	9,603	9,608
638.1	9,520	9,524	9,529	9,534	9,538	9,543	9,548	9,552	9,557	9,557
638.0	9,474	9,478	9,483	9,487	9,492	9,497	9,501	9,501	9,506	9,511
637.9	9,427	9,432	9,437	9,441	9,446	9,450	9,455	9,460	9,464	9,469
637.8	9,381	9,386	9,390	9,395	9,400	9,404	9,409	9,413	9,418	9,423
637.7	9,335	9,339	9,344	9,349	9,353	9,358	9,363	9,367	9,372	9,376
637.6	9,289	9,293	9,298	9,302	9,307	9,312	9,316	9,321	9,326	9,330
637.5	9,244	9,248	9,253	9,257	9,262	9,266	9,271	9,275	9,280	9,284
637.4	9,199	9,203	9,208	9,212	9,217	9,221	9,226	9,230	9,235	9,239
637.3	9,154	9,158	9,163	9,167	9,172	9,176	9,181	9,185	9,190	9,194
637.2	9,109	9,113	9,118	9,122	9,127	9,131	9,136	9,140	9,145	9,149
637.1	9,064	9,068	9,073	9,077	9,082	9,086	9,091	9,095	9,100	9,100
637.0	9,019	9,023	9,028	9,032	9,037	9,041	9,046	9,046	9,050	9,055

Cachuma Lake NGVD 29 Datum

633.9	7,687	7,691	7,695	7,699	7,703	7,708	7,712	7,716	7,720	7,724
633.8	7,646	7,650	7,654	7,658	7,662	7,666	7,671	7,675	7,679	7,683
633.7	7,605	7,609	7,613	7,617	7,621	7,625	7,629	7,633	7,638	7,642
633.6	7,564	7,568	7,572	7,576	7,580	7,584	7,588	7,592	7,596	7,601
633.5	7,524	7,528	7,532	7,536	7,540	7,544	7,548	7,552	7,556	7,560
633.4	7,484	7,488	7,492	7,496	7,500	7,504	7,508	7,512	7,516	7,520
633.3	7,445	7,449	7,453	7,457	7,461	7,465	7,468	7,472	7,476	7,480
633.2	7,405	7,409	7,413	7,417	7,421	7,425	7,429	7,433	7,437	7,441
633.1	7,365	7,369	7,373	7,377	7,381	7,385	7,389	7,393	7,397	7,397
633.0	7,326	7,329	7,333	7,337	7,341	7,345	7,349	7,349	7,353	7,357
632.9	7,286	7,290	7,294	7,298	7,302	7,306	7,310	7,314	7,318	7,322
632.8	7,246	7,250	7,254	7,258	7,262	7,266	7,270	7,274	7,278	7,282
632.7	7,206	7,210	7,214	7,218	7,222	7,226	7,230	7,234	7,238	7,242
632.6	7,167	7,171	7,175	7,179	7,183	7,187	7,191	7,194	7,198	7,202
632.5	7,128	7,132	7,136	7,140	7,144	7,148	7,152	7,155	7,159	7,163
632.4	7,090	7,094	7,098	7,102	7,105	7,109	7,113	7,117	7,121	7,125
632.3	7,052	7,055	7,059	7,063	7,067	7,071	7,075	7,078	7,082	7,086
632.2	7,013	7,017	7,021	7,025	7,028	7,032	7,036	7,040	7,044	7,048
632.1	6,975	6,978	6,982	6,986	6,990	6,994	6,998	7,002	7,005	7,005
632.0	6,936	6,940	6,944	6,948	6,952	6,955	6,959	6,959	6,963	6,967
631.9	6,898	6,902	6,905	6,909	6,913	6,917	6,921	6,925	6,928	6,932
631.8	6,859	6,863	6,867	6,871	6,875	6,878	6,882	6,886	6,890	6,894
631.7	6,821	6,825	6,828	6,832	6,836	6,840	6,844	6,848	6,851	6,855
631.6	6,782	6,786	6,790	6,794	6,798	6,801	6,805	6,809	6,813	6,817
631.5	6,745	6,749	6,752	6,756	6,760	6,764	6,767	6,771	6,775	6,779
631.4	6,707	6,711	6,715	6,719	6,722	6,726	6,730	6,734	6,737	6,741
631.3	6,670	6,674	6,677	6,681	6,685	6,689	6,692	6,696	6,700	6,704
631.2	6,632	6,636	6,640	6,643	6,647	6,651	6,655	6,659	6,662	6,666
631.1	6,595	6,598	6,602	6,606	6,610	6,613	6,617	6,621	6,625	6,625
631.0	6,557	6,561	6,565	6,568	6,572	6,576	6,580	6,580	6,583	6,587
630.9	6,520	6,523	6,527	6,531	6,535	6,538	6,542	6,546	6,550	6,553

Cachuma Lake NGVD 29 Datum

630.8	6,482	6,486	6,490	6,493	6,497	6,501	6,505	6,508	6,512	6,516
630.7	6,444	6,448	6,452	6,456	6,459	6,463	6,467	6,471	6,474	6,478
630.6	6,407	6,411	6,414	6,418	6,422	6,426	6,429	6,433	6,437	6,441
630.5	6,370	6,374	6,378	6,381	6,385	6,389	6,392	6,396	6,400	6,403
630.4	6,333	6,337	6,341	6,344	6,348	6,352	6,355	6,359	6,363	6,367
630.3	6,297	6,300	6,304	6,308	6,311	6,315	6,319	6,322	6,326	6,330
630.2	6,260	6,263	6,267	6,271	6,274	6,278	6,282	6,285	6,289	6,293
630.1	6,223	6,227	6,230	6,234	6,238	6,241	6,245	6,249	6,252	6,252
630.0	6,186	6,190	6,193	6,197	6,201	6,204	6,208	6,208	6,212	6,215
629.9	6,149	6,153	6,157	6,160	6,164	6,168	6,171	6,175	6,179	6,182
629.8	6,112	6,116	6,120	6,123	6,127	6,131	6,134	6,138	6,142	6,145
629.7	6,075	6,079	6,083	6,087	6,090	6,094	6,098	6,101	6,105	6,109
629.6	6,039	6,042	6,046	6,050	6,053	6,057	6,061	6,064	6,068	6,072
629.5	6,003	6,006	6,010	6,013	6,017	6,021	6,024	6,028	6,032	6,035
629.4	5,967	5,970	5,974	5,977	5,981	5,985	5,988	5,992	5,995	5,999
629.3	5,930	5,934	5,938	5,941	5,945	5,949	5,952	5,956	5,959	5,963
629.2	5,894	5,898	5,902	5,905	5,909	5,912	5,916	5,920	5,923	5,927
629.1	5,858	5,862	5,865	5,869	5,873	5,876	5,880	5,884	5,887	5,887
629.0	5,822	5,826	5,829	5,833	5,837	5,840	5,844	5,844	5,847	5,851
628.9	5,786	5,790	5,793	5,797	5,801	5,804	5,808	5,811	5,815	5,819
628.8	5,750	5,754	5,757	5,761	5,764	5,768	5,772	5,775	5,779	5,782
628.7	5,714	5,717	5,721	5,725	5,728	5,732	5,736	5,739	5,743	5,746
628.6	5,678	5,681	5,685	5,689	5,692	5,696	5,699	5,703	5,707	5,710
628.5	5,643	5,646	5,650	5,653	5,657	5,660	5,664	5,667	5,671	5,674
628.4	5,608	5,611	5,615	5,618	5,622	5,625	5,629	5,632	5,636	5,639
628.3	5,573	5,576	5,580	5,583	5,587	5,590	5,594	5,597	5,601	5,604
628.2	5,538	5,541	5,545	5,548	5,552	5,555	5,559	5,562	5,566	5,569
628.1	5,503	5,506	5,510	5,513	5,517	5,520	5,524	5,527	5,531	5,531
628.0	5,468	5,471	5,475	5,478	5,482	5,485	5,489	5,489	5,492	5,496
627.9	5,433	5,436	5,440	5,443	5,447	5,450	5,454	5,457	5,461	5,464
627.8	5,398	5,401	5,405	5,408	5,412	5,415	5,419	5,422	5,426	5,429

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627.7	5,363	5,366	5,370	5,373	5,377	5,380	5,384	5,387	5,391	5,394
627.6	5,328	5,331	5,335	5,338	5,342	5,345	5,349	5,352	5,356	5,359
627.5	5,295	5,298	5,301	5,305	5,308	5,311	5,315	5,318	5,321	5,325
627.4	5,261	5,265	5,268	5,271	5,275	5,278	5,281	5,285	5,288	5,291
627.3	5,228	5,231	5,234	5,238	5,241	5,244	5,248	5,251	5,254	5,258
627.2	5,194	5,198	5,201	5,204	5,208	5,211	5,214	5,218	5,221	5,224
627.1	5,161	5,164	5,167	5,171	5,174	5,177	5,181	5,184	5,188	5,188
627.0	5,127	5,131	5,134	5,137	5,141	5,144	5,147	5,147	5,151	5,154
626.9	5,094	5,097	5,100	5,104	5,107	5,110	5,114	5,117	5,121	5,124
626.8	5,060	5,064	5,067	5,070	5,074	5,077	5,080	5,084	5,087	5,090
626.7	5,027	5,030	5,033	5,037	5,040	5,044	5,047	5,050	5,054	5,057
626.6	4,994	4,997	5,000	5,003	5,007	5,010	5,013	5,017	5,020	5,023
626.5	4,961	4,965	4,968	4,971	4,974	4,978	4,981	4,984	4,987	4,990
626.4	4,929	4,933	4,936	4,939	4,942	4,945	4,949	4,952	4,955	4,958
626.3	4,897	4,900	4,904	4,907	4,910	4,913	4,917	4,920	4,923	4,926
626.2	4,865	4,868	4,872	4,875	4,878	4,881	4,884	4,888	4,891	4,894
626.1	4,833	4,836	4,840	4,843	4,846	4,849	4,852	4,856	4,859	4,859
626.0	4,801	4,804	4,807	4,811	4,814	4,817	4,820	4,820	4,823	4,827
625.9	4,769	4,772	4,775	4,779	4,782	4,785	4,788	4,791	4,795	4,798
625.8	4,737	4,740	4,743	4,746	4,750	4,753	4,756	4,759	4,762	4,766
625.7	4,705	4,708	4,711	4,714	4,718	4,721	4,724	4,727	4,730	4,734
625.6	4,673	4,676	4,679	4,682	4,685	4,689	4,692	4,695	4,698	4,701
625.5	4,642	4,645	4,648	4,651	4,654	4,657	4,661	4,664	4,667	4,670
625.4	4,611	4,614	4,617	4,621	4,624	4,627	4,630	4,633	4,636	4,639
625.3	4,580	4,584	4,587	4,590	4,593	4,596	4,599	4,602	4,605	4,608
625.2	4,550	4,553	4,556	4,559	4,562	4,565	4,568	4,571	4,574	4,577
625.1	4,519	4,522	4,525	4,528	4,531	4,534	4,537	4,540	4,544	4,544
625.0	4,488	4,491	4,494	4,497	4,500	4,503	4,507	4,507	4,510	4,513
624.9	4,457	4,460	4,463	4,467	4,470	4,473	4,476	4,479	4,482	4,485
624.8	4,426	4,430	4,433	4,436	4,439	4,442	4,445	4,448	4,451	4,454
624.7	4,396	4,399	4,402	4,405	4,408	4,411	4,414	4,417	4,420	4,423

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624.6	4,365	4,368	4,371	4,374	4,377	4,380	4,383	4,386	4,390	4,393
624.5	4,335	4,338	4,341	4,344	4,347	4,350	4,353	4,356	4,359	4,362
624.4	4,305	4,308	4,311	4,314	4,317	4,320	4,323	4,326	4,329	4,332
624.3	4,275	4,278	4,281	4,284	4,287	4,290	4,293	4,296	4,299	4,302
624.2	4,246	4,249	4,252	4,255	4,258	4,261	4,264	4,267	4,270	4,273
624.1	4,216	4,219	4,222	4,225	4,228	4,231	4,234	4,237	4,240	4,240
624.0	4,186	4,189	4,192	4,195	4,198	4,201	4,204	4,204	4,207	4,210
623.9	4,156	4,159	4,162	4,165	4,168	4,171	4,174	4,177	4,180	4,183
623.8	4,126	4,129	4,132	4,135	4,138	4,141	4,144	4,147	4,150	4,153
623.7	4,096	4,099	4,102	4,105	4,108	4,111	4,114	4,117	4,120	4,123
623.6	4,067	4,069	4,072	4,075	4,078	4,081	4,084	4,087	4,090	4,093
623.5	4,037	4,040	4,043	4,046	4,049	4,052	4,055	4,058	4,061	4,064
623.4	4,008	4,011	4,014	4,017	4,020	4,023	4,026	4,029	4,032	4,035
623.3	3,979	3,982	3,985	3,988	3,991	3,994	3,997	4,000	4,002	4,005
623.2	3,950	3,953	3,956	3,959	3,962	3,965	3,967	3,970	3,973	3,976
623.1	3,921	3,924	3,927	3,930	3,933	3,935	3,938	3,941	3,944	3,944
623.0	3,892	3,895	3,898	3,900	3,903	3,906	3,909	3,909	3,912	3,915
622.9	3,863	3,865	3,868	3,871	3,874	3,877	3,880	3,883	3,886	3,889
622.8	3,833	3,836	3,839	3,842	3,845	3,848	3,851	3,854	3,857	3,860
622.7	3,804	3,807	3,810	3,813	3,816	3,819	3,822	3,825	3,828	3,831
622.6	3,775	3,778	3,781	3,784	3,787	3,790	3,793	3,796	3,798	3,801
622.5	3,747	3,750	3,752	3,755	3,758	3,761	3,764	3,767	3,770	3,772
622.4	3,718	3,721	3,724	3,727	3,730	3,732	3,735	3,738	3,741	3,744
622.3	3,690	3,693	3,695	3,698	3,701	3,704	3,707	3,710	3,713	3,715
622.2	3,661	3,664	3,667	3,670	3,673	3,675	3,678	3,681	3,684	3,687
622.1	3,633	3,636	3,638	3,641	3,644	3,647	3,650	3,653	3,655	3,655
622.0	3,604	3,607	3,610	3,613	3,616	3,618	3,621	3,621	3,624	3,627
621.9	3,576	3,579	3,581	3,584	3,587	3,590	3,593	3,596	3,598	3,601
621.8	3,547	3,550	3,553	3,556	3,559	3,561	3,564	3,567	3,570	3,573
621.7	3,519	3,521	3,524	3,527	3,530	3,533	3,536	3,539	3,541	3,544
621.6	3,490	3,493	3,496	3,499	3,502	3,504	3,507	3,510	3,513	3,516

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621.5	3,462	3,465	3,468	3,471	3,474	3,476	3,479	3,482	3,485	3,487
621.4	3,435	3,437	3,440	3,443	3,446	3,449	3,451	3,454	3,457	3,460
621.3	3,407	3,410	3,412	3,415	3,418	3,421	3,423	3,426	3,429	3,432
621.2	3,379	3,382	3,384	3,387	3,390	3,393	3,396	3,398	3,401	3,404
621.1	3,351	3,354	3,357	3,359	3,362	3,365	3,368	3,371	3,373	3,373
621.0	3,323	3,326	3,329	3,332	3,334	3,337	3,340	3,340	3,343	3,346
620.9	3,295	3,298	3,301	3,304	3,307	3,309	3,312	3,315	3,318	3,320
620.8	3,268	3,270	3,273	3,276	3,279	3,281	3,284	3,287	3,290	3,293
620.7	3,240	3,243	3,245	3,248	3,251	3,254	3,256	3,259	3,262	3,265
620.6	3,212	3,215	3,217	3,220	3,223	3,226	3,229	3,231	3,234	3,237
620.5	3,185	3,188	3,190	3,193	3,196	3,199	3,201	3,204	3,207	3,209
620.4	3,158	3,161	3,163	3,166	3,169	3,171	3,174	3,177	3,180	3,182
620.3	3,131	3,133	3,136	3,139	3,142	3,144	3,147	3,150	3,152	3,155
620.2	3,104	3,106	3,109	3,112	3,115	3,117	3,120	3,123	3,125	3,128
620.1	3,077	3,079	3,082	3,085	3,087	3,090	3,093	3,096	3,098	3,098
620.0	3,050	3,052	3,055	3,058	3,060	3,063	3,066	3,066	3,068	3,071
619.9	3,022	3,025	3,028	3,031	3,033	3,036	3,039	3,041	3,044	3,047
619.8	2,995	2,998	3,001	3,003	3,006	3,009	3,012	3,014	3,017	3,020
619.7	2,968	2,971	2,974	2,976	2,979	2,982	2,984	2,987	2,990	2,993
619.6	2,941	2,944	2,947	2,949	2,952	2,955	2,957	2,960	2,963	2,966
619.5	2,915	2,918	2,920	2,923	2,926	2,928	2,931	2,933	2,936	2,939
619.4	2,889	2,891	2,894	2,897	2,899	2,902	2,905	2,907	2,910	2,912
619.3	2,863	2,865	2,868	2,871	2,873	2,876	2,878	2,881	2,884	2,886
619.2	2,836	2,839	2,842	2,844	2,847	2,850	2,852	2,855	2,857	2,860
619.1	2,810	2,813	2,815	2,818	2,821	2,823	2,826	2,829	2,831	2,831
619.0	2,784	2,787	2,789	2,792	2,794	2,797	2,800	2,800	2,802	2,805
618.9	2,758	2,760	2,763	2,766	2,768	2,771	2,773	2,776	2,779	2,781
618.8	2,731	2,734	2,737	2,739	2,742	2,745	2,747	2,750	2,752	2,755
618.7	2,705	2,708	2,711	2,713	2,716	2,718	2,721	2,724	2,726	2,729
618.6	2,679	2,682	2,684	2,687	2,690	2,692	2,695	2,697	2,700	2,703
618.5	2,654	2,656	2,659	2,661	2,664	2,666	2,669	2,671	2,674	2,677

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618.4	2,628	2,630	2,633	2,636	2,638	2,641	2,643	2,646	2,648	2,651
618.3	2,602	2,605	2,607	2,610	2,613	2,615	2,618	2,620	2,623	2,625
618.2	2,577	2,579	2,582	2,584	2,587	2,589	2,592	2,595	2,597	2,600
618.1	2,551	2,554	2,556	2,559	2,561	2,564	2,566	2,569	2,572	2,572
618.0	2,525	2,528	2,531	2,533	2,536	2,538	2,541	2,541	2,543	2,546
617.9	2,500	2,502	2,505	2,507	2,510	2,513	2,515	2,518	2,520	2,523
617.8	2,474	2,477	2,479	2,482	2,484	2,487	2,490	2,492	2,495	2,497
617.7	2,448	2,451	2,454	2,456	2,459	2,461	2,464	2,466	2,469	2,472
617.6	2,423	2,425	2,428	2,431	2,433	2,436	2,438	2,441	2,443	2,446
617.5	2,398	2,400	2,403	2,405	2,408	2,410	2,413	2,415	2,418	2,420
617.4	2,373	2,375	2,378	2,380	2,383	2,385	2,388	2,390	2,393	2,395
617.3	2,348	2,350	2,353	2,355	2,358	2,360	2,363	2,365	2,368	2,370
617.2	2,323	2,325	2,328	2,330	2,333	2,335	2,338	2,340	2,343	2,345
617.1	2,298	2,300	2,303	2,305	2,308	2,310	2,313	2,315	2,318	2,318
617.0	2,273	2,275	2,278	2,280	2,283	2,285	2,288	2,288	2,290	2,293
616.9	2,248	2,250	2,253	2,255	2,258	2,260	2,263	2,265	2,268	2,270
616.8	2,223	2,225	2,228	2,230	2,233	2,235	2,238	2,240	2,243	2,245
616.7	2,198	2,200	2,203	2,205	2,208	2,210	2,213	2,215	2,218	2,220
616.6	2,173	2,175	2,178	2,180	2,183	2,185	2,188	2,190	2,193	2,195
616.5	2,149	2,151	2,154	2,156	2,158	2,161	2,163	2,166	2,168	2,170
616.4	2,125	2,127	2,129	2,132	2,134	2,137	2,139	2,141	2,144	2,146
616.3	2,100	2,103	2,105	2,108	2,110	2,112	2,115	2,117	2,120	2,122
616.2	2,076	2,079	2,081	2,084	2,086	2,088	2,091	2,093	2,096	2,098
616.1	2,052	2,055	2,057	2,059	2,062	2,064	2,067	2,069	2,071	2,071
616.0	2,028	2,030	2,033	2,035	2,038	2,040	2,042	2,042	2,045	2,047
615.9	2,004	2,006	2,009	2,011	2,014	2,016	2,018	2,021	2,023	2,026
615.8	1,980	1,982	1,985	1,987	1,989	1,992	1,994	1,997	1,999	2,001
615.7	1,956	1,958	1,960	1,963	1,965	1,968	1,970	1,972	1,975	1,977
615.6	1,932	1,934	1,936	1,939	1,941	1,944	1,946	1,948	1,951	1,953
615.5	1,910	1,912	1,914	1,916	1,919	1,921	1,923	1,925	1,927	1,930
615.4	1,887	1,890	1,892	1,894	1,896	1,899	1,901	1,903	1,905	1,907

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615.3	1,865	1,867	1,870	1,872	1,874	1,876	1,879	1,881	1,883	1,885
615.2	1,843	1,845	1,847	1,850	1,852	1,854	1,856	1,859	1,861	1,863
615.1	1,821	1,823	1,825	1,827	1,830	1,832	1,834	1,836	1,839	1,839
615.0	1,799	1,801	1,803	1,805	1,808	1,810	1,812	1,812	1,814	1,816
614.9	1,776	1,779	1,781	1,783	1,785	1,788	1,790	1,792	1,794	1,796
614.8	1,754	1,756	1,759	1,761	1,763	1,765	1,768	1,770	1,772	1,774
614.7	1,732	1,734	1,736	1,739	1,741	1,743	1,745	1,748	1,750	1,752
614.6	1,710	1,712	1,714	1,716	1,719	1,721	1,723	1,725	1,728	1,730
614.5	1,689	1,691	1,693	1,695	1,698	1,700	1,702	1,704	1,706	1,708
614.4	1,668	1,670	1,672	1,675	1,677	1,679	1,681	1,683	1,685	1,687
614.3	1,647	1,649	1,652	1,654	1,656	1,658	1,660	1,662	1,664	1,666
614.2	1,626	1,629	1,631	1,633	1,635	1,637	1,639	1,641	1,643	1,645
614.1	1,606	1,608	1,610	1,612	1,614	1,616	1,618	1,620	1,622	1,622
614.0	1,585	1,587	1,589	1,591	1,593	1,595	1,597	1,597	1,599	1,601
613.9	1,564	1,566	1,568	1,570	1,572	1,574	1,576	1,578	1,581	1,583
613.8	1,543	1,545	1,547	1,549	1,551	1,553	1,555	1,558	1,560	1,562
613.7	1,522	1,524	1,526	1,528	1,530	1,532	1,535	1,537	1,539	1,541
613.6	1,501	1,503	1,505	1,507	1,509	1,512	1,514	1,516	1,518	1,520
613.5	1,482	1,484	1,486	1,487	1,489	1,491	1,493	1,495	1,497	1,499
613.4	1,462	1,464	1,466	1,468	1,470	1,472	1,474	1,476	1,478	1,480
613.3	1,442	1,444	1,446	1,448	1,450	1,452	1,454	1,456	1,458	1,460
613.2	1,422	1,424	1,426	1,428	1,430	1,432	1,434	1,436	1,438	1,440
613.1	1,402	1,404	1,406	1,408	1,410	1,412	1,414	1,416	1,418	1,418
613.0	1,383	1,385	1,387	1,389	1,391	1,393	1,395	1,395	1,397	1,399
612.9	1,363	1,365	1,367	1,369	1,371	1,373	1,375	1,377	1,379	1,381
612.8	1,343	1,345	1,347	1,349	1,351	1,353	1,355	1,357	1,359	1,361
612.7	1,323	1,325	1,327	1,329	1,331	1,333	1,335	1,337	1,339	1,341
612.6	1,304	1,306	1,308	1,310	1,312	1,314	1,315	1,317	1,319	1,321
612.5	1,285	1,287	1,289	1,290	1,292	1,294	1,296	1,298	1,300	1,302
612.4	1,266	1,268	1,270	1,271	1,273	1,275	1,277	1,279	1,281	1,283
612.3	1,247	1,249	1,251	1,252	1,254	1,256	1,258	1,260	1,262	1,264

Cachuma Lake NGVD 29 Datum

612.2	1,228	1,230	1,232	1,233	1,235	1,237	1,239	1,241	1,243	1,245
612.1	1,209	1,211	1,212	1,214	1,216	1,218	1,220	1,222	1,224	1,224
612.0	1,190	1,192	1,193	1,195	1,197	1,199	1,201	1,201	1,203	1,205
611.9	1,171	1,173	1,174	1,176	1,178	1,180	1,182	1,184	1,186	1,188
611.8	1,152	1,154	1,155	1,157	1,159	1,161	1,163	1,165	1,167	1,169
611.7	1,133	1,135	1,136	1,138	1,140	1,142	1,144	1,146	1,148	1,150
611.6	1,114	1,116	1,117	1,119	1,121	1,123	1,125	1,127	1,129	1,131
611.5	1,096	1,097	1,099	1,101	1,103	1,105	1,107	1,108	1,110	1,112
611.4	1,077	1,079	1,081	1,083	1,085	1,087	1,088	1,090	1,092	1,094
611.3	1,059	1,061	1,063	1,065	1,067	1,068	1,070	1,072	1,074	1,076
611.2	1,041	1,043	1,045	1,047	1,048	1,050	1,052	1,054	1,056	1,057
611.1	1,023	1,025	1,027	1,028	1,030	1,032	1,034	1,036	1,037	1,037
611.0	1,005	1,007	1,008	1,010	1,012	1,014	1,016	1,016	1,017	1,019
610.9	987	988	990	992	994	996	997	999	1,001	1,003
610.8	968	970	972	974	976	977	979	981	983	985
610.7	950	952	954	956	957	959	961	963	965	967
610.6	932	934	936	937	939	941	943	945	947	948
610.5	915	917	918	920	922	924	925	927	929	930
610.4	898	899	901	903	905	906	908	910	912	913
610.3	881	882	884	886	887	889	891	893	894	896
610.2	863	865	867	868	870	872	874	875	877	879
610.1	846	848	850	851	853	855	856	858	860	860
610.0	829	831	832	834	836	838	839	839	841	843
609.9	812	813	815	817	819	820	822	824	825	827
609.8	795	796	798	800	801	803	805	807	808	810
609.7	777	779	781	782	784	786	788	789	791	793
609.6	760	762	764	765	767	769	770	772	774	776
609.5	744	746	747	749	751	752	754	755	757	759
609.4	728	729	731	733	734	736	738	739	741	742
609.3	711	713	715	716	718	720	721	723	724	726
609.2	695	697	698	700	702	703	705	707	708	710

Cachuma Lake NGVD 29 Datum

609.1	679	681	682	684	685	687	689	690	692	692
609.0	663	664	666	668	669	671	672	672	674	676
608.9	646	648	650	651	653	655	656	658	659	661
608.8	630	632	633	635	637	638	640	642	643	645
608.7	614	616	617	619	620	622	624	625	627	629
608.6	598	599	601	603	604	606	607	609	611	612
608.5	583	584	586	587	589	590	592	593	595	596
608.4	567	569	571	572	574	575	577	578	580	581
608.3	552	554	555	557	558	560	561	563	564	566
608.2	537	539	540	542	543	545	546	548	549	551
608.1	522	523	525	526	528	530	531	533	534	534
608.0	507	508	510	511	513	514	516	516	517	519
607.9	492	493	495	496	498	499	501	502	504	505
607.8	476	478	479	481	482	484	485	487	489	490
607.7	461	463	464	466	467	469	470	472	473	475
607.6	446	448	449	451	452	454	455	457	458	460
607.5	432	434	435	436	438	439	441	442	443	445
607.4	418	420	421	422	424	425	427	428	429	431
607.3	404	405	407	408	410	411	412	414	415	417
607.2	390	391	393	394	396	397	398	400	401	403
607.1	376	377	379	380	382	383	384	386	387	387
607.0	362	363	365	366	367	369	370	370	372	373
606.9	348	349	351	352	353	355	356	358	359	360
606.8	334	335	337	338	339	341	342	344	345	346
606.7	320	321	322	324	325	327	328	329	331	332
606.6	306	307	308	310	311	313	314	315	317	318
606.5	293	294	296	297	298	299	301	302	303	305
606.4	280	282	283	284	286	287	288	289	291	292
606.3	268	269	270	272	273	274	275	277	278	279
606.2	255	256	258	259	260	261	263	264	265	266
606.1	242	244	245	246	247	249	250	251	253	253

Cachuma Lake NGVD 29 Datum

606.0	230	231	232	233	235	236	237	237	239	240
605.9	217	218	220	221	222	223	225	226	227	228
605.8	204	206	207	208	209	211	212	213	214	216
605.7	192	193	194	195	197	198	199	200	202	203
605.6	179	180	181	183	184	185	187	188	189	190
605.5	169	170	171	172	173	174	175	176	177	178
605.4	159	160	161	162	163	164	165	166	167	168
605.3	148	149	151	152	153	154	155	156	157	158
605.2	138	139	140	141	142	143	144	145	146	147
605.1	128	129	130	131	132	133	134	135	136	136
605.0	117	119	120	121	122	123	124	124	125	126
604.9	107	108	109	110	111	112	113	114	115	116
604.8	97	98	99	100	101	102	103	104	105	106
604.7	87	88	89	90	91	92	93	94	95	96
604.6	77	78	78	79	80	81	82	83	84	86
604.5	70	71	72	72	73	74	74	75	76	76
604.4	63	64	65	65	66	67	67	68	69	69
604.3	57	57	58	59	59	60	61	61	62	63
604.2	50	50	51	52	53	53	54	55	55	56
604.1	43	44	44	45	46	46	47	48	48	48
604.0	36	37	38	38	39	40	40	40	41	42
603.9	29	30	31	32	32	33	34	34	35	36
603.8	23	23	24	25	25	26	27	27	28	29
603.7	16	17	17	18	19	19	20	21	21	22
603.6	10	10	10	11	12	13	13	14	15	15
603.5	9	9	9	10	10	10	10	10	10	10
603.4	8	8	8	8	9	9	9	9	9	9
603.3	7	7	7	7	8	8	8	8	8	8
603.2	6	6	6	6	7	7	7	7	7	7
603.1	5	5	5	5	5	6	6	6	6	6
603.0	4	4	4	4	4	5	5	5	5	5

Table 2 – Area Tables (NAVD 88)

Cachuma Lake NAVD 88 Datum

ELEVATION VS. CAPACITY

Elev.	Capacity (Acre-Feet)									
in Feet	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
759.9	207,711	207,743	207,776	207,808	207,841	207,873	207,906	207,939	207,971	208,004
759.8	207,385	207,418	207,450	207,483	207,515	207,548	207,580	207,613	207,645	207,678
759.7	207,059	207,092	207,125	207,157	207,190	207,222	207,255	207,287	207,320	207,352
759.6	206,734	206,766	206,799	206,832	206,864	206,897	206,929	206,962	206,994	207,027
759.5	206,408	206,441	206,473	206,506	206,539	206,571	206,604	206,636	206,669	206,701
759.4	206,083	206,115	206,148	206,180	206,213	206,246	206,278	206,311	206,343	206,376
759.3	205,757	205,790	205,822	205,855	205,887	205,920	205,953	205,985	206,018	206,050
759.2	205,432	205,464	205,497	205,529	205,562	205,594	205,627	205,660	205,692	205,725
759.1	205,106	205,139	205,171	205,204	205,236	205,269	205,301	205,334	205,367	205,399
759.0	204,781	204,813	204,846	204,878	204,911	204,943	204,976	205,008	205,041	205,074
758.9	204,459	204,492	204,524	204,556	204,588	204,620	204,652	204,684	204,716	204,748
758.8	204,138	204,170	204,202	204,235	204,267	204,299	204,331	204,363	204,395	204,427
758.7	203,817	203,849	203,881	203,913	203,946	203,978	204,010	204,042	204,074	204,106
758.6	203,496	203,528	203,560	203,592	203,624	203,657	203,689	203,721	203,753	203,785
758.5	203,175	203,207	203,239	203,271	203,303	203,335	203,367	203,400	203,432	203,464
758.4	202,854	202,886	202,918	202,950	202,982	203,014	203,046	203,078	203,111	203,143
758.3	202,532	202,565	202,597	202,629	202,661	202,693	202,725	202,757	202,789	202,822
758.2	202,211	202,243	202,276	202,308	202,340	202,372	202,404	202,436	202,468	202,500
758.1	201,890	201,922	201,954	201,987	202,019	202,051	202,083	202,115	202,147	202,179
758.0	201,569	201,601	201,633	201,665	201,697	201,730	201,762	201,794	201,826	201,858
757.9	201,251	201,283	201,315	201,346	201,378	201,410	201,442	201,474	201,505	201,537
757.8	200,933	200,965	200,997	201,028	201,060	201,092	201,124	201,156	201,187	201,219
757.7	200,615	200,647	200,679	200,710	200,742	200,774	200,806	200,838	200,869	200,901
757.6	200,297	200,329	200,361	200,392	200,424	200,456	200,488	200,520	200,551	200,583
757.5	199,979	200,011	200,043	200,074	200,106	200,138	200,170	200,202	200,233	200,265
757.4	199,661	199,693	199,725	199,756	199,788	199,820	199,852	199,884	199,915	199,947
757.3	199,343	199,375	199,407	199,438	199,470	199,502	199,534	199,566	199,597	199,629
757.2	199,025	199,057	199,089	199,120	199,152	199,184	199,216	199,248	199,279	199,311

Cachuma Lake NAVD 88 Datum

757.1	198,707	198,739	198,771	198,802	198,834	198,866	198,898	198,930	198,961	198,993
757.0	198,389	198,421	198,452	198,484	198,516	198,548	198,580	198,611	198,643	198,675
756.9	198,074	198,105	198,137	198,168	198,200	198,231	198,263	198,294	198,326	198,357
756.8	197,759	197,790	197,822	197,853	197,885	197,916	197,948	197,979	198,011	198,042
756.7	197,444	197,475	197,507	197,538	197,570	197,601	197,633	197,664	197,696	197,727
756.6	197,129	197,161	197,192	197,223	197,255	197,286	197,318	197,349	197,381	197,412
756.5	196,814	196,846	196,877	196,909	196,940	196,972	197,003	197,035	197,066	197,098
756.4	196,499	196,531	196,562	196,594	196,625	196,657	196,688	196,720	196,751	196,783
756.3	196,184	196,216	196,247	196,279	196,310	196,342	196,373	196,405	196,436	196,468
756.2	195,869	195,901	195,932	195,964	195,995	196,027	196,058	196,090	196,121	196,153
756.1	195,554	195,586	195,617	195,649	195,680	195,712	195,743	195,775	195,806	195,838
756.0	195,239	195,271	195,302	195,334	195,365	195,397	195,428	195,460	195,491	195,523
755.9	194,927	194,958	194,990	195,021	195,052	195,083	195,114	195,146	195,177	195,208
755.8	194,615	194,646	194,678	194,709	194,740	194,771	194,802	194,834	194,865	194,896
755.7	194,303	194,334	194,366	194,397	194,428	194,459	194,490	194,522	194,553	194,584
755.6	193,991	194,022	194,054	194,085	194,116	194,147	194,178	194,210	194,241	194,272
755.5	193,679	193,710	193,742	193,773	193,804	193,835	193,866	193,898	193,929	193,960
755.4	193,367	193,398	193,430	193,461	193,492	193,523	193,554	193,586	193,617	193,648
755.3	193,055	193,086	193,118	193,149	193,180	193,211	193,242	193,274	193,305	193,336
755.2	192,743	192,774	192,806	192,837	192,868	192,899	192,930	192,962	192,993	193,024
755.1	192,431	192,462	192,494	192,525	192,556	192,587	192,618	192,650	192,681	192,712
755.0	192,119	192,150	192,182	192,213	192,244	192,275	192,306	192,338	192,369	192,400
754.9	191,811	191,842	191,873	191,903	191,934	191,965	191,996	192,027	192,058	192,088
754.8	191,503	191,534	191,565	191,595	191,626	191,657	191,688	191,719	191,749	191,780
754.7	191,195	191,226	191,256	191,287	191,318	191,349	191,380	191,410	191,441	191,472
754.6	190,887	190,917	190,948	190,979	191,010	191,041	191,072	191,102	191,133	191,164
754.5	190,578	190,609	190,640	190,671	190,702	190,733	190,763	190,794	190,825	190,856
754.4	190,270	190,301	190,332	190,363	190,394	190,424	190,455	190,486	190,517	190,548
754.3	189,962	189,993	190,024	190,055	190,085	190,116	190,147	190,178	190,209	190,240
754.2	189,654	189,685	189,716	189,747	189,777	189,808	189,839	189,870	189,901	189,931
754.1	189,346	189,377	189,408	189,438	189,469	189,500	189,531	189,562	189,592	189,623

Cachuma Lake NAVD 88 Datum

754.0	189,038	189,069	189,099	189,130	189,161	189,192	189,223	189,253	189,284	189,315
753.9	188,733	188,763	188,794	188,824	188,855	188,885	188,916	188,946	188,977	189,007
753.8	188,428	188,459	188,489	188,520	188,550	188,581	188,611	188,642	188,672	188,703
753.7	188,123	188,154	188,184	188,215	188,245	188,276	188,306	188,337	188,367	188,398
753.6	187,819	187,849	187,880	187,910	187,941	187,971	188,002	188,032	188,063	188,093
753.5	187,514	187,544	187,575	187,605	187,636	187,666	187,697	187,727	187,758	187,788
753.4	187,209	187,240	187,270	187,301	187,331	187,362	187,392	187,423	187,453	187,483
753.3	186,904	186,935	186,965	186,996	187,026	187,057	187,087	187,118	187,148	187,179
753.2	186,600	186,630	186,661	186,691	186,722	186,752	186,782	186,813	186,843	186,874
753.1	186,295	186,325	186,356	186,386	186,417	186,447	186,478	186,508	186,539	186,569
753.0	185,990	186,021	186,051	186,082	186,112	186,142	186,173	186,203	186,234	186,264
752.9	185,689	185,719	185,749	185,779	185,809	185,839	185,869	185,900	185,930	185,960
752.8	185,387	185,417	185,447	185,478	185,508	185,538	185,568	185,598	185,628	185,658
752.7	185,086	185,116	185,146	185,176	185,206	185,236	185,267	185,297	185,327	185,357
752.6	184,784	184,814	184,845	184,875	184,905	184,935	184,965	184,995	185,025	185,056
752.5	184,483	184,513	184,543	184,573	184,603	184,633	184,664	184,694	184,724	184,754
752.4	184,181	184,211	184,242	184,272	184,302	184,332	184,362	184,392	184,422	184,453
752.3	183,880	183,910	183,940	183,970	184,000	184,031	184,061	184,091	184,121	184,151
752.2	183,578	183,609	183,639	183,669	183,699	183,729	183,759	183,789	183,820	183,850
752.1	183,277	183,307	183,337	183,367	183,397	183,428	183,458	183,488	183,518	183,548
752.0	182,975	183,006	183,036	183,066	183,096	183,126	183,156	183,186	183,217	183,247
751.9	182,677	182,707	182,737	182,767	182,797	182,826	182,856	182,886	182,916	182,946
751.8	182,379	182,409	182,439	182,469	182,499	182,528	182,558	182,588	182,618	182,648
751.7	182,081	182,111	182,141	182,171	182,201	182,230	182,260	182,290	182,320	182,350
751.6	181,783	181,813	181,843	181,873	181,903	181,932	181,962	181,992	182,022	182,052
751.5	181,485	181,515	181,545	181,575	181,605	181,634	181,664	181,694	181,724	181,754
751.4	181,187	181,217	181,247	181,277	181,306	181,336	181,366	181,396	181,426	181,455
751.3	180,889	180,919	180,949	180,979	181,008	181,038	181,068	181,098	181,128	181,157
751.2	180,591	180,621	180,651	180,681	180,710	180,740	180,770	180,800	180,830	180,859
751.1	180,293	180,323	180,353	180,383	180,412	180,442	180,472	180,502	180,532	180,561
751.0	179,995	180,025	180,055	180,085	180,114	180,144	180,174	180,204	180,234	180,263

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747.9	170,986	171,015	171,043	171,072	171,100	171,128	171,157	171,185	171,214	171,242
747.8	170,702	170,730	170,759	170,787	170,816	170,844	170,873	170,901	170,929	170,958
747.7	170,418	170,446	170,475	170,503	170,532	170,560	170,588	170,617	170,645	170,674
747.6	170,134	170,162	170,191	170,219	170,247	170,276	170,304	170,333	170,361	170,389
747.5	169,849	169,878	169,906	169,935	169,963	169,992	170,020	170,048	170,077	170,105
747.4	169,565	169,594	169,622	169,651	169,679	169,707	169,736	169,764	169,793	169,821
747.3	169,281	169,309	169,338	169,366	169,395	169,423	169,452	169,480	169,508	169,537
747.2	168,997	169,025	169,054	169,082	169,111	169,139	169,167	169,196	169,224	169,253
747.1	168,713	168,741	168,770	168,798	168,826	168,855	168,883	168,912	168,940	168,968
747.0	168,428	168,457	168,485	168,514	168,542	168,571	168,599	168,627	168,656	168,684
746.9	168,148	168,176	168,204	168,232	168,260	168,288	168,316	168,344	168,372	168,400
746.8	167,867	167,895	167,923	167,951	167,979	168,008	168,036	168,064	168,092	168,120
746.7	167,587	167,615	167,643	167,671	167,699	167,727	167,755	167,783	167,811	167,839
746.6	167,306	167,334	167,362	167,390	167,418	167,446	167,474	167,502	167,530	167,559
746.5	167,025	167,053	167,082	167,110	167,138	167,166	167,194	167,222	167,250	167,278
746.4	166,745	166,773	166,801	166,829	166,857	166,885	166,913	166,941	166,969	166,997
746.3	166,464	166,492	166,520	166,548	166,576	166,604	166,633	166,661	166,689	166,717
746.2	166,184	166,212	166,240	166,268	166,296	166,324	166,352	166,380	166,408	166,436
746.1	165,903	165,931	165,959	165,987	166,015	166,043	166,071	166,099	166,127	166,155
746.0	165,622	165,650	165,678	165,706	165,735	165,763	165,791	165,819	165,847	165,875
745.9	165,345	165,373	165,401	165,428	165,456	165,484	165,512	165,539	165,567	165,595
745.8	165,068	165,096	165,124	165,152	165,179	165,207	165,235	165,262	165,290	165,318
745.7	164,792	164,819	164,847	164,875	164,902	164,930	164,958	164,985	165,013	165,041
745.6	164,515	164,542	164,570	164,598	164,625	164,653	164,681	164,708	164,736	164,764
745.5	164,238	164,265	164,293	164,321	164,349	164,376	164,404	164,432	164,459	164,487
745.4	163,961	163,989	164,016	164,044	164,072	164,099	164,127	164,155	164,182	164,210
745.3	163,684	163,712	163,739	163,767	163,795	163,822	163,850	163,878	163,905	163,933
745.2	163,407	163,435	163,462	163,490	163,518	163,545	163,573	163,601	163,629	163,656
745.1	163,130	163,158	163,185	163,213	163,241	163,269	163,296	163,324	163,352	163,379
745.0	162,853	162,881	162,909	162,936	162,964	162,992	163,019	163,047	163,075	163,102
744.9	162,580	162,607	162,634	162,662	162,689	162,716	162,744	162,771	162,798	162,826

Cachuma Lake NAVD 88 Datum

744.8	162,306	162,333	162,361	162,388	162,415	162,443	162,470	162,497	162,525	162,552
744.7	162,032	162,060	162,087	162,114	162,142	162,169	162,196	162,224	162,251	162,279
744.6	161,759	161,786	161,813	161,841	161,868	161,896	161,923	161,950	161,978	162,005
744.5	161,485	161,512	161,540	161,567	161,595	161,622	161,649	161,677	161,704	161,731
744.4	161,211	161,239	161,266	161,294	161,321	161,348	161,376	161,403	161,430	161,458
744.3	160,938	160,965	160,993	161,020	161,047	161,075	161,102	161,129	161,157	161,184
744.2	160,664	160,692	160,719	160,746	160,774	160,801	160,828	160,856	160,883	160,910
744.1	160,391	160,418	160,445	160,473	160,500	160,527	160,555	160,582	160,610	160,637
744.0	160,117	160,144	160,172	160,199	160,226	160,254	160,281	160,309	160,336	160,363
743.9	159,847	159,874	159,901	159,928	159,955	159,982	160,009	160,036	160,063	160,090
743.8	159,576	159,603	159,630	159,657	159,684	159,711	159,739	159,766	159,793	159,820
743.7	159,306	159,333	159,360	159,387	159,414	159,441	159,468	159,495	159,522	159,549
743.6	159,036	159,063	159,090	159,117	159,144	159,171	159,198	159,225	159,252	159,279
743.5	158,765	158,792	158,819	158,846	158,873	158,900	158,927	158,955	158,982	159,009
743.4	158,495	158,522	158,549	158,576	158,603	158,630	158,657	158,684	158,711	158,738
743.3	158,225	158,252	158,279	158,306	158,333	158,360	158,387	158,414	158,441	158,468
743.2	157,954	157,981	158,008	158,035	158,062	158,089	158,116	158,143	158,171	158,198
743.1	157,684	157,711	157,738	157,765	157,792	157,819	157,846	157,873	157,900	157,927
743.0	157,414	157,441	157,468	157,495	157,522	157,549	157,576	157,603	157,630	157,657
742.9	157,147	157,174	157,200	157,227	157,254	157,280	157,307	157,334	157,360	157,387
742.8	156,880	156,907	156,934	156,960	156,987	157,014	157,040	157,067	157,094	157,120
742.7	156,614	156,640	156,667	156,694	156,720	156,747	156,774	156,800	156,827	156,854
742.6	156,347	156,374	156,401	156,427	156,454	156,481	156,507	156,534	156,561	156,587
742.5	156,081	156,107	156,134	156,161	156,187	156,214	156,241	156,267	156,294	156,321
742.4	155,814	155,841	155,867	155,894	155,921	155,947	155,974	156,001	156,027	156,054
742.3	155,548	155,574	155,601	155,627	155,654	155,681	155,707	155,734	155,761	155,787
742.2	155,281	155,308	155,334	155,361	155,388	155,414	155,441	155,468	155,494	155,521
742.1	155,014	155,041	155,068	155,094	155,121	155,148	155,174	155,201	155,228	155,254
742.0	154,748	154,774	154,801	154,828	154,854	154,881	154,908	154,934	154,961	154,988
741.9	154,485	154,511	154,537	154,564	154,590	154,616	154,643	154,669	154,695	154,721
741.8	154,222	154,248	154,274	154,301	154,327	154,353	154,379	154,406	154,432	154,458

Cachuma Lake NAVD 88 Datum

741.7	153,959	153,985	154,011	154,037	154,064	154,090	154,116	154,143	154,169	154,195
741.6	153,695	153,722	153,748	153,774	153,801	153,827	153,853	153,880	153,906	153,932
741.5	153,432	153,459	153,485	153,511	153,538	153,564	153,590	153,617	153,643	153,669
741.4	153,169	153,196	153,222	153,248	153,275	153,301	153,327	153,353	153,380	153,406
741.3	152,906	152,933	152,959	152,985	153,011	153,038	153,064	153,090	153,117	153,143
741.2	152,643	152,669	152,696	152,722	152,748	152,775	152,801	152,827	152,854	152,880
741.1	152,380	152,406	152,433	152,459	152,485	152,512	152,538	152,564	152,591	152,617
741.0	152,117	152,143	152,170	152,196	152,222	152,249	152,275	152,301	152,327	152,354
740.9	151,857	151,883	151,909	151,935	151,961	151,987	152,013	152,039	152,065	152,091
740.8	151,598	151,624	151,650	151,675	151,701	151,727	151,753	151,779	151,805	151,831
740.7	151,338	151,364	151,390	151,416	151,442	151,468	151,494	151,520	151,546	151,572
740.6	151,078	151,104	151,130	151,156	151,182	151,208	151,234	151,260	151,286	151,312
740.5	150,818	150,844	150,870	150,896	150,922	150,948	150,974	151,000	151,026	151,052
740.4	150,559	150,585	150,611	150,637	150,663	150,689	150,715	150,741	150,767	150,792
740.3	150,299	150,325	150,351	150,377	150,403	150,429	150,455	150,481	150,507	150,533
740.2	150,039	150,065	150,091	150,117	150,143	150,169	150,195	150,221	150,247	150,273
740.1	149,780	149,806	149,832	149,858	149,884	149,909	149,935	149,961	149,987	150,013
740.0	149,520	149,546	149,572	149,598	149,624	149,650	149,676	149,702	149,728	149,754
739.9	149,263	149,289	149,315	149,340	149,366	149,392	149,417	149,443	149,469	149,494
739.8	149,007	149,032	149,058	149,084	149,109	149,135	149,161	149,186	149,212	149,238
739.7	148,750	148,776	148,801	148,827	148,853	148,878	148,904	148,930	148,955	148,981
739.6	148,493	148,519	148,545	148,570	148,596	148,622	148,647	148,673	148,699	148,724
739.5	148,237	148,262	148,288	148,314	148,339	148,365	148,391	148,416	148,442	148,468
739.4	147,980	148,006	148,031	148,057	148,083	148,108	148,134	148,160	148,185	148,211
739.3	147,724	147,749	147,775	147,801	147,826	147,852	147,878	147,903	147,929	147,954
739.2	147,467	147,493	147,518	147,544	147,570	147,595	147,621	147,647	147,672	147,698
739.1	147,210	147,236	147,262	147,287	147,313	147,339	147,364	147,390	147,416	147,441
739.0	146,954	146,979	147,005	147,031	147,056	147,082	147,108	147,133	147,159	147,185
738.9	146,701	146,726	146,751	146,777	146,802	146,827	146,852	146,878	146,903	146,928
738.8	146,448	146,473	146,498	146,524	146,549	146,574	146,600	146,625	146,650	146,675
738.7	146,195	146,220	146,245	146,271	146,296	146,321	146,347	146,372	146,397	146,422

Cachuma Lake NAVD 88 Datum

738.6	145,942	145,967	145,992	146,018	146,043	146,068	146,094	146,119	146,144	146,169
738.5	145,689	145,714	145,739	145,765	145,790	145,815	145,841	145,866	145,891	145,917
738.4	145,436	145,461	145,487	145,512	145,537	145,562	145,588	145,613	145,638	145,664
738.3	145,183	145,208	145,234	145,259	145,284	145,309	145,335	145,360	145,385	145,411
738.2	144,930	144,955	144,981	145,006	145,031	145,056	145,082	145,107	145,132	145,158
738.1	144,677	144,702	144,728	144,753	144,778	144,804	144,829	144,854	144,879	144,905
738.0	144,424	144,449	144,475	144,500	144,525	144,551	144,576	144,601	144,626	144,652
737.9	144,175	144,199	144,224	144,249	144,274	144,299	144,324	144,349	144,374	144,399
737.8	143,925	143,950	143,975	144,000	144,025	144,050	144,075	144,100	144,125	144,150
737.7	143,675	143,700	143,725	143,750	143,775	143,800	143,825	143,850	143,875	143,900
737.6	143,426	143,451	143,476	143,501	143,526	143,551	143,576	143,601	143,625	143,650
737.5	143,176	143,201	143,226	143,251	143,276	143,301	143,326	143,351	143,376	143,401
737.4	142,927	142,952	142,977	143,002	143,027	143,052	143,076	143,101	143,126	143,151
737.3	142,677	142,702	142,727	142,752	142,777	142,802	142,827	142,852	142,877	142,902
737.2	142,428	142,453	142,478	142,502	142,527	142,552	142,577	142,602	142,627	142,652
737.1	142,178	142,203	142,228	142,253	142,278	142,303	142,328	142,353	142,378	142,403
737.0	141,928	141,953	141,978	142,003	142,028	142,053	142,078	142,103	142,128	142,153
736.9	141,682	141,707	141,732	141,756	141,781	141,805	141,830	141,855	141,879	141,904
736.8	141,436	141,461	141,485	141,510	141,535	141,559	141,584	141,608	141,633	141,658
736.7	141,190	141,214	141,239	141,264	141,288	141,313	141,338	141,362	141,387	141,411
736.6	140,944	140,968	140,993	141,017	141,042	141,067	141,091	141,116	141,141	141,165
736.5	140,697	140,722	140,747	140,771	140,796	140,820	140,845	140,870	140,894	140,919
736.4	140,451	140,476	140,500	140,525	140,550	140,574	140,599	140,624	140,648	140,673
736.3	140,205	140,230	140,254	140,279	140,303	140,328	140,353	140,377	140,402	140,427
736.2	139,959	139,983	140,008	140,033	140,057	140,082	140,106	140,131	140,156	140,180
736.1	139,712	139,737	139,762	139,786	139,811	139,836	139,860	139,885	139,909	139,934
736.0	139,466	139,491	139,516	139,540	139,565	139,589	139,614	139,639	139,663	139,688
735.9	139,223	139,247	139,272	139,296	139,320	139,345	139,369	139,393	139,418	139,442
735.8	138,980	139,004	139,029	139,053	139,077	139,101	139,126	139,150	139,174	139,199
735.7	138,737	138,761	138,785	138,810	138,834	138,858	138,883	138,907	138,931	138,956
735.6	138,494	138,518	138,542	138,566	138,591	138,615	138,639	138,664	138,688	138,712

Cachuma Lake NAVD 88 Datum

735.5	138,250	138,275	138,299	138,323	138,348	138,372	138,396	138,421	138,445	138,469
735.4	138,007	138,031	138,056	138,080	138,104	138,129	138,153	138,177	138,202	138,226
735.3	137,764	137,788	137,813	137,837	137,861	137,886	137,910	137,934	137,958	137,983
735.2	137,521	137,545	137,569	137,594	137,618	137,642	137,667	137,691	137,715	137,740
735.1	137,278	137,302	137,326	137,351	137,375	137,399	137,423	137,448	137,472	137,496
735.0	137,034	137,059	137,083	137,107	137,132	137,156	137,180	137,205	137,229	137,253
734.9	136,794	136,818	136,842	136,866	136,890	136,914	136,938	136,962	136,986	137,010
734.8	136,554	136,578	136,602	136,626	136,650	136,674	136,698	136,722	136,746	136,770
734.7	136,314	136,338	136,362	136,386	136,410	136,434	136,458	136,482	136,506	136,530
734.6	136,074	136,098	136,122	136,146	136,170	136,194	136,218	136,242	136,266	136,290
734.5	135,834	135,858	135,882	135,906	135,930	135,954	135,978	136,002	136,026	136,050
734.4	135,594	135,618	135,642	135,666	135,690	135,714	135,738	135,762	135,786	135,810
734.3	135,354	135,378	135,402	135,426	135,450	135,474	135,498	135,522	135,546	135,570
734.2	135,114	135,138	135,162	135,186	135,210	135,234	135,258	135,282	135,306	135,330
734.1	134,873	134,897	134,921	134,945	134,969	134,993	135,017	135,042	135,066	135,090
734.0	134,633	134,657	134,681	134,705	134,729	134,753	134,777	134,801	134,825	134,849
733.9	134,396	134,420	134,443	134,467	134,491	134,515	134,538	134,562	134,586	134,610
733.8	134,158	134,182	134,206	134,230	134,253	134,277	134,301	134,325	134,348	134,372
733.7	133,921	133,945	133,968	133,992	134,016	134,040	134,063	134,087	134,111	134,135
733.6	133,683	133,707	133,731	133,755	133,778	133,802	133,826	133,850	133,873	133,897
733.5	133,446	133,470	133,493	133,517	133,541	133,565	133,588	133,612	133,636	133,660
733.4	133,208	133,232	133,256	133,280	133,303	133,327	133,351	133,375	133,398	133,422
733.3	132,971	132,995	133,018	133,042	133,066	133,090	133,113	133,137	133,161	133,185
733.2	132,733	132,757	132,781	132,805	132,828	132,852	132,876	132,900	132,923	132,947
733.1	132,496	132,520	132,543	132,567	132,591	132,615	132,638	132,662	132,686	132,710
733.0	132,258	132,282	132,306	132,330	132,353	132,377	132,401	132,425	132,448	132,472
732.9	132,024	132,047	132,071	132,094	132,118	132,141	132,165	132,188	132,212	132,235
732.8	131,789	131,813	131,836	131,860	131,883	131,907	131,930	131,954	131,977	132,000
732.7	131,555	131,578	131,602	131,625	131,649	131,672	131,696	131,719	131,742	131,766
732.6	131,320	131,344	131,367	131,391	131,414	131,437	131,461	131,484	131,508	131,531
732.5	131,086	131,109	131,133	131,156	131,179	131,203	131,226	131,250	131,273	131,297

Cachuma Lake NAVD 88 Datum

732.4	130,851	130,875	130,898	130,921	130,945	130,968	130,992	131,015	131,039	131,062
732.3	130,616	130,640	130,663	130,687	130,710	130,734	130,757	130,781	130,804	130,828
732.2	130,382	130,405	130,429	130,452	130,476	130,499	130,523	130,546	130,570	130,593
732.1	130,147	130,171	130,194	130,218	130,241	130,265	130,288	130,312	130,335	130,358
732.0	129,913	129,936	129,960	129,983	130,007	130,030	130,054	130,077	130,100	130,124
731.9	129,681	129,704	129,728	129,751	129,774	129,797	129,820	129,843	129,866	129,890
731.8	129,450	129,473	129,496	129,519	129,542	129,566	129,589	129,612	129,635	129,658
731.7	129,218	129,242	129,265	129,288	129,311	129,334	129,357	129,380	129,404	129,427
731.6	128,987	129,010	129,033	129,056	129,080	129,103	129,126	129,149	129,172	129,195
731.5	128,756	128,779	128,802	128,825	128,848	128,871	128,894	128,918	128,941	128,964
731.4	128,524	128,547	128,570	128,594	128,617	128,640	128,663	128,686	128,709	128,732
731.3	128,293	128,316	128,339	128,362	128,385	128,408	128,432	128,455	128,478	128,501
731.2	128,061	128,084	128,108	128,131	128,154	128,177	128,200	128,223	128,246	128,270
731.1	127,830	127,853	127,876	127,899	127,922	127,946	127,969	127,992	128,015	128,038
731.0	127,598	127,622	127,645	127,668	127,691	127,714	127,737	127,760	127,784	127,807
730.9	127,370	127,393	127,416	127,439	127,461	127,484	127,507	127,530	127,553	127,576
730.8	127,142	127,164	127,187	127,210	127,233	127,256	127,279	127,301	127,324	127,347
730.7	126,913	126,936	126,959	126,982	127,005	127,027	127,050	127,073	127,096	127,119
730.6	126,685	126,708	126,730	126,753	126,776	126,799	126,822	126,845	126,867	126,890
730.5	126,456	126,479	126,502	126,525	126,548	126,571	126,593	126,616	126,639	126,662
730.4	126,228	126,251	126,274	126,296	126,319	126,342	126,365	126,388	126,411	126,433
730.3	125,999	126,022	126,045	126,068	126,091	126,114	126,136	126,159	126,182	126,205
730.2	125,771	125,794	125,817	125,840	125,862	125,885	125,908	125,931	125,954	125,977
730.1	125,543	125,565	125,588	125,611	125,634	125,657	125,680	125,702	125,725	125,748
730.0	125,314	125,337	125,360	125,383	125,406	125,428	125,451	125,474	125,497	125,520
729.9	125,088	125,111	125,133	125,156	125,178	125,201	125,224	125,246	125,269	125,292
729.8	124,862	124,885	124,907	124,930	124,952	124,975	124,998	125,020	125,043	125,065
729.7	124,636	124,658	124,681	124,704	124,726	124,749	124,772	124,794	124,817	124,839
729.6	124,410	124,432	124,455	124,478	124,500	124,523	124,545	124,568	124,591	124,613
729.5	124,184	124,206	124,229	124,252	124,274	124,297	124,319	124,342	124,365	124,387
729.4	123,958	123,980	124,003	124,025	124,048	124,071	124,093	124,116	124,138	124,161

Cachuma Lake NAVD 88 Datum

729.3	123,732	123,754	123,777	123,799	123,822	123,845	123,867	123,890	123,912	123,935
729.2	123,505	123,528	123,551	123,573	123,596	123,618	123,641	123,664	123,686	123,709
729.1	123,279	123,302	123,325	123,347	123,370	123,392	123,415	123,438	123,460	123,483
729.0	123,053	123,076	123,099	123,121	123,144	123,166	123,189	123,212	123,234	123,257
728.9	122,830	122,852	122,874	122,897	122,919	122,941	122,964	122,986	123,009	123,031
728.8	122,606	122,628	122,651	122,673	122,696	122,718	122,740	122,763	122,785	122,807
728.7	122,383	122,405	122,427	122,450	122,472	122,494	122,517	122,539	122,561	122,584
728.6	122,159	122,181	122,204	122,226	122,248	122,271	122,293	122,315	122,338	122,360
728.5	121,935	121,958	121,980	122,002	122,025	122,047	122,069	122,092	122,114	122,137
728.4	121,712	121,734	121,756	121,779	121,801	121,824	121,846	121,868	121,891	121,913
728.3	121,488	121,510	121,533	121,555	121,578	121,600	121,622	121,645	121,667	121,689
728.2	121,265	121,287	121,309	121,332	121,354	121,376	121,399	121,421	121,443	121,466
728.1	121,041	121,063	121,086	121,108	121,130	121,153	121,175	121,197	121,220	121,242
728.0	120,817	120,840	120,862	120,884	120,907	120,929	120,952	120,974	120,996	121,019
727.9	120,596	120,618	120,640	120,663	120,685	120,707	120,729	120,751	120,773	120,795
727.8	120,375	120,397	120,419	120,441	120,464	120,486	120,508	120,530	120,552	120,574
727.7	120,154	120,176	120,198	120,220	120,243	120,265	120,287	120,309	120,331	120,353
727.6	119,933	119,955	119,977	119,999	120,021	120,044	120,066	120,088	120,110	120,132
727.5	119,712	119,734	119,756	119,778	119,800	119,822	119,845	119,867	119,889	119,911
727.4	119,491	119,513	119,535	119,557	119,579	119,601	119,623	119,646	119,668	119,690
727.3	119,270	119,292	119,314	119,336	119,358	119,380	119,402	119,424	119,447	119,469
727.2	119,049	119,071	119,093	119,115	119,137	119,159	119,181	119,203	119,225	119,248
727.1	118,827	118,850	118,872	118,894	118,916	118,938	118,960	118,982	119,004	119,026
727.0	118,606	118,629	118,651	118,673	118,695	118,717	118,739	118,761	118,783	118,805
726.9	118,388	118,410	118,432	118,453	118,475	118,497	118,519	118,541	118,563	118,585
726.8	118,169	118,191	118,213	118,235	118,257	118,279	118,300	118,322	118,344	118,366
726.7	117,951	117,973	117,994	118,016	118,038	118,060	118,082	118,104	118,126	118,147
726.6	117,732	117,754	117,776	117,798	117,820	117,841	117,863	117,885	117,907	117,929
726.5	117,514	117,536	117,557	117,579	117,601	117,623	117,645	117,667	117,688	117,710
726.4	117,295	117,317	117,339	117,361	117,383	117,404	117,426	117,448	117,470	117,492
726.3	117,077	117,098	117,120	117,142	117,164	117,186	117,208	117,230	117,251	117,273

Cachuma Lake NAVD 88 Datum

726.2	116,858	116,880	116,902	116,924	116,945	116,967	116,989	117,011	117,033	117,055
726.1	116,639	116,661	116,683	116,705	116,727	116,749	116,771	116,792	116,814	116,836
726.0	116,421	116,443	116,465	116,486	116,508	116,530	116,552	116,574	116,596	116,618
725.9	116,205	116,227	116,248	116,270	116,291	116,313	116,335	116,356	116,378	116,399
725.8	115,989	116,011	116,032	116,054	116,075	116,097	116,119	116,140	116,162	116,183
725.7	115,773	115,795	115,816	115,838	115,860	115,881	115,903	115,924	115,946	115,968
725.6	115,557	115,579	115,600	115,622	115,644	115,665	115,687	115,708	115,730	115,752
725.5	115,341	115,363	115,385	115,406	115,428	115,449	115,471	115,493	115,514	115,536
725.4	115,125	115,147	115,169	115,190	115,212	115,233	115,255	115,277	115,298	115,320
725.3	114,910	114,931	114,953	114,974	114,996	115,018	115,039	115,061	115,082	115,104
725.2	114,694	114,715	114,737	114,758	114,780	114,802	114,823	114,845	114,866	114,888
725.1	114,478	114,499	114,521	114,543	114,564	114,586	114,607	114,629	114,650	114,672
725.0	114,262	114,283	114,305	114,327	114,348	114,370	114,391	114,413	114,435	114,456
724.9	114,048	114,070	114,091	114,112	114,134	114,155	114,176	114,198	114,219	114,240
724.8	113,835	113,856	113,878	113,899	113,920	113,942	113,963	113,984	114,006	114,027
724.7	113,622	113,643	113,664	113,686	113,707	113,728	113,750	113,771	113,792	113,814
724.6	113,408	113,429	113,451	113,472	113,493	113,515	113,536	113,557	113,579	113,600
724.5	113,195	113,216	113,237	113,259	113,280	113,301	113,323	113,344	113,365	113,387
724.4	112,981	113,003	113,024	113,045	113,067	113,088	113,109	113,131	113,152	113,173
724.3	112,768	112,789	112,810	112,832	112,853	112,874	112,896	112,917	112,939	112,960
724.2	112,554	112,576	112,597	112,618	112,640	112,661	112,682	112,704	112,725	112,746
724.1	112,341	112,362	112,384	112,405	112,426	112,448	112,469	112,490	112,512	112,533
724.0	112,127	112,149	112,170	112,191	112,213	112,234	112,256	112,277	112,298	112,320
723.9	111,917	111,938	111,959	111,980	112,001	112,022	112,043	112,064	112,085	112,106
723.8	111,706	111,727	111,748	111,769	111,790	111,811	111,833	111,854	111,875	111,896
723.7	111,496	111,517	111,538	111,559	111,580	111,601	111,622	111,643	111,664	111,685
723.6	111,285	111,306	111,327	111,348	111,369	111,390	111,411	111,432	111,453	111,474
723.5	111,074	111,095	111,116	111,137	111,159	111,180	111,201	111,222	111,243	111,264
723.4	110,864	110,885	110,906	110,927	110,948	110,969	110,990	111,011	111,032	111,053
723.3	110,653	110,674	110,695	110,716	110,737	110,758	110,779	110,800	110,821	110,843
723.2	110,442	110,463	110,484	110,506	110,527	110,548	110,569	110,590	110,611	110,632

Cachuma Lake NAVD 88 Datum

723.1	110,232	110,253	110,274	110,295	110,316	110,337	110,358	110,379	110,400	110,421
723.0	110,021	110,042	110,063	110,084	110,105	110,126	110,147	110,169	110,190	110,211
722.9	109,813	109,834	109,855	109,876	109,896	109,917	109,938	109,959	109,979	110,000
722.8	109,605	109,626	109,647	109,668	109,688	109,709	109,730	109,751	109,772	109,792
722.7	109,397	109,418	109,439	109,460	109,480	109,501	109,522	109,543	109,564	109,584
722.6	109,189	109,210	109,231	109,252	109,273	109,293	109,314	109,335	109,356	109,376
722.5	108,981	109,002	109,023	109,044	109,065	109,085	109,106	109,127	109,148	109,169
722.4	108,773	108,794	108,815	108,836	108,857	108,877	108,898	108,919	108,940	108,961
722.3	108,566	108,586	108,607	108,628	108,649	108,670	108,690	108,711	108,732	108,753
722.2	108,358	108,378	108,399	108,420	108,441	108,462	108,482	108,503	108,524	108,545
722.1	108,150	108,170	108,191	108,212	108,233	108,254	108,274	108,295	108,316	108,337
722.0	107,942	107,963	107,983	108,004	108,025	108,046	108,066	108,087	108,108	108,129
721.9	107,736	107,757	107,778	107,798	107,819	107,839	107,860	107,880	107,901	107,921
721.8	107,531	107,552	107,572	107,593	107,613	107,634	107,654	107,675	107,695	107,716
721.7	107,326	107,347	107,367	107,388	107,408	107,429	107,449	107,470	107,490	107,511
721.6	107,121	107,141	107,162	107,182	107,203	107,223	107,244	107,264	107,285	107,306
721.5	106,916	106,936	106,957	106,977	106,998	107,018	107,039	107,059	107,080	107,100
721.4	106,710	106,731	106,751	106,772	106,792	106,813	106,833	106,854	106,875	106,895
721.3	106,505	106,526	106,546	106,567	106,587	106,608	106,628	106,649	106,669	106,690
721.2	106,300	106,320	106,341	106,361	106,382	106,402	106,423	106,444	106,464	106,485
721.1	106,095	106,115	106,136	106,156	106,177	106,197	106,218	106,238	106,259	106,279
721.0	105,889	105,910	105,930	105,951	105,971	105,992	106,013	106,033	106,054	106,074
720.9	105,687	105,707	105,727	105,747	105,768	105,788	105,808	105,829	105,849	105,869
720.8	105,484	105,504	105,524	105,545	105,565	105,585	105,605	105,626	105,646	105,666
720.7	105,281	105,301	105,322	105,342	105,362	105,382	105,403	105,423	105,443	105,464
720.6	105,078	105,098	105,119	105,139	105,159	105,180	105,200	105,220	105,240	105,261
720.5	104,875	104,896	104,916	104,936	104,957	104,977	104,997	105,017	105,038	105,058
720.4	104,673	104,693	104,713	104,733	104,754	104,774	104,794	104,815	104,835	104,855
720.3	104,470	104,490	104,510	104,531	104,551	104,571	104,591	104,612	104,632	104,652
720.2	104,267	104,287	104,308	104,328	104,348	104,368	104,389	104,409	104,429	104,450
720.1	104,064	104,085	104,105	104,125	104,145	104,166	104,186	104,206	104,226	104,247

Cachuma Lake NAVD 88 Datum

720.0	103,861	103,882	103,902	103,922	103,943	103,963	103,983	104,003	104,024	104,044
719.9	103,661	103,681	103,701	103,721	103,741	103,761	103,781	103,801	103,821	103,841
719.8	103,460	103,480	103,501	103,521	103,541	103,561	103,581	103,601	103,621	103,641
719.7	103,260	103,280	103,300	103,320	103,340	103,360	103,380	103,400	103,420	103,440
719.6	103,059	103,079	103,099	103,120	103,140	103,160	103,180	103,200	103,220	103,240
719.5	102,859	102,879	102,899	102,919	102,939	102,959	102,979	102,999	103,019	103,039
719.4	102,658	102,678	102,698	102,719	102,739	102,759	102,779	102,799	102,819	102,839
719.3	102,458	102,478	102,498	102,518	102,538	102,558	102,578	102,598	102,618	102,638
719.2	102,257	102,277	102,297	102,318	102,338	102,358	102,378	102,398	102,418	102,438
719.1	102,057	102,077	102,097	102,117	102,137	102,157	102,177	102,197	102,217	102,237
719.0	101,856	101,876	101,896	101,916	101,937	101,957	101,977	101,997	102,017	102,037
718.9	101,658	101,678	101,698	101,718	101,738	101,757	101,777	101,797	101,817	101,837
718.8	101,460	101,480	101,500	101,520	101,540	101,559	101,579	101,599	101,619	101,639
718.7	101,262	101,282	101,302	101,322	101,341	101,361	101,381	101,401	101,421	101,440
718.6	101,064	101,084	101,104	101,124	101,143	101,163	101,183	101,203	101,223	101,242
718.5	100,866	100,886	100,906	100,926	100,945	100,965	100,985	101,005	101,025	101,044
718.4	100,668	100,688	100,708	100,728	100,747	100,767	100,787	100,807	100,827	100,846
718.3	100,470	100,490	100,510	100,530	100,549	100,569	100,589	100,609	100,629	100,648
718.2	100,272	100,292	100,312	100,332	100,351	100,371	100,391	100,411	100,431	100,450
718.1	100,074	100,094	100,114	100,134	100,153	100,173	100,193	100,213	100,233	100,252
718.0	99,876	99,896	99,916	99,936	99,955	99,975	99,995	100,015	100,035	100,054
717.9	99,680	99,700	99,720	99,739	99,759	99,778	99,798	99,817	99,837	99,857
717.8	99,485	99,504	99,524	99,543	99,563	99,583	99,602	99,622	99,641	99,661
717.7	99,289	99,309	99,328	99,348	99,367	99,387	99,406	99,426	99,446	99,465
717.6	99,093	99,113	99,132	99,152	99,172	99,191	99,211	99,230	99,250	99,269
717.5	98,898	98,917	98,937	98,956	98,976	98,995	99,015	99,035	99,054	99,074
717.4	98,702	98,721	98,741	98,761	98,780	98,800	98,819	98,839	98,858	98,878
717.3	98,506	98,526	98,545	98,565	98,584	98,604	98,624	98,643	98,663	98,682
717.2	98,311	98,330	98,350	98,369	98,389	98,408	98,428	98,448	98,467	98,487
717.1	98,115	98,134	98,154	98,174	98,193	98,213	98,232	98,252	98,271	98,291
717.0	97,919	97,939	97,958	97,978	97,997	98,017	98,037	98,056	98,076	98,095

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713.9	92,013	92,031	92,050	92,069	92,087	92,106	92,124	92,143	92,161	92,180
713.8	91,827	91,846	91,864	91,883	91,902	91,920	91,939	91,957	91,976	91,994
713.7	91,642	91,660	91,679	91,697	91,716	91,735	91,753	91,772	91,790	91,809
713.6	91,456	91,475	91,493	91,512	91,531	91,549	91,568	91,586	91,605	91,623
713.5	91,271	91,289	91,308	91,326	91,345	91,364	91,382	91,401	91,419	91,438
713.4	91,085	91,104	91,122	91,141	91,159	91,178	91,197	91,215	91,234	91,252
713.3	90,900	90,918	90,937	90,955	90,974	90,993	91,011	91,030	91,048	91,067
713.2	90,714	90,733	90,751	90,770	90,788	90,807	90,826	90,844	90,863	90,881
713.1	90,529	90,547	90,566	90,584	90,603	90,621	90,640	90,659	90,677	90,696
713.0	90,343	90,362	90,380	90,399	90,417	90,436	90,455	90,473	90,492	90,510
712.9	90,160	90,178	90,197	90,215	90,233	90,252	90,270	90,288	90,307	90,325
712.8	89,977	89,995	90,014	90,032	90,050	90,069	90,087	90,105	90,124	90,142
712.7	89,794	89,812	89,831	89,849	89,867	89,886	89,904	89,922	89,941	89,959
712.6	89,611	89,629	89,648	89,666	89,684	89,703	89,721	89,739	89,757	89,776
712.5	89,428	89,446	89,465	89,483	89,501	89,520	89,538	89,556	89,574	89,593
712.4	89,245	89,263	89,282	89,300	89,318	89,336	89,355	89,373	89,391	89,410
712.3	89,062	89,080	89,099	89,117	89,135	89,153	89,172	89,190	89,208	89,227
712.2	88,879	88,897	88,915	88,934	88,952	88,970	88,989	89,007	89,025	89,044
712.1	88,696	88,714	88,732	88,751	88,769	88,787	88,806	88,824	88,842	88,861
712.0	88,513	88,531	88,549	88,568	88,586	88,604	88,623	88,641	88,659	88,678
711.9	88,332	88,350	88,368	88,386	88,405	88,423	88,441	88,459	88,477	88,495
711.8	88,152	88,170	88,188	88,206	88,224	88,242	88,260	88,278	88,296	88,314
711.7	87,971	87,990	88,008	88,026	88,044	88,062	88,080	88,098	88,116	88,134
711.6	87,791	87,809	87,827	87,845	87,863	87,881	87,899	87,917	87,935	87,953
711.5	87,611	87,629	87,647	87,665	87,683	87,701	87,719	87,737	87,755	87,773
711.4	87,430	87,448	87,466	87,484	87,502	87,520	87,538	87,556	87,575	87,593
711.3	87,250	87,268	87,286	87,304	87,322	87,340	87,358	87,376	87,394	87,412
711.2	87,069	87,087	87,105	87,123	87,141	87,160	87,178	87,196	87,214	87,232
711.1	86,889	86,907	86,925	86,943	86,961	86,979	86,997	87,015	87,033	87,051
711.0	86,708	86,726	86,745	86,763	86,781	86,799	86,817	86,835	86,853	86,871
710.9	86,531	86,548	86,566	86,584	86,602	86,619	86,637	86,655	86,673	86,691

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710.8	86,353	86,370	86,388	86,406	86,424	86,442	86,459	86,477	86,495	86,513
710.7	86,175	86,193	86,210	86,228	86,246	86,264	86,282	86,299	86,317	86,335
710.6	85,997	86,015	86,033	86,050	86,068	86,086	86,104	86,122	86,139	86,157
710.5	85,819	85,837	85,855	85,873	85,890	85,908	85,926	85,944	85,961	85,979
710.4	85,641	85,659	85,677	85,695	85,712	85,730	85,748	85,766	85,784	85,801
710.3	85,463	85,481	85,499	85,517	85,535	85,552	85,570	85,588	85,606	85,624
710.2	85,286	85,303	85,321	85,339	85,357	85,375	85,392	85,410	85,428	85,446
710.1	85,108	85,126	85,143	85,161	85,179	85,197	85,214	85,232	85,250	85,268
710.0	84,930	84,948	84,965	84,983	85,001	85,019	85,037	85,054	85,072	85,090
709.9	84,755	84,773	84,790	84,808	84,825	84,843	84,860	84,877	84,895	84,912
709.8	84,580	84,598	84,615	84,633	84,650	84,668	84,685	84,703	84,720	84,738
709.7	84,406	84,423	84,441	84,458	84,476	84,493	84,511	84,528	84,546	84,563
709.6	84,231	84,249	84,266	84,283	84,301	84,318	84,336	84,353	84,371	84,388
709.5	84,056	84,074	84,091	84,109	84,126	84,144	84,161	84,179	84,196	84,214
709.4	83,882	83,899	83,917	83,934	83,952	83,969	83,986	84,004	84,021	84,039
709.3	83,707	83,724	83,742	83,759	83,777	83,794	83,812	83,829	83,847	83,864
709.2	83,532	83,550	83,567	83,585	83,602	83,620	83,637	83,655	83,672	83,689
709.1	83,358	83,375	83,392	83,410	83,427	83,445	83,462	83,480	83,497	83,515
709.0	83,183	83,200	83,218	83,235	83,253	83,270	83,288	83,305	83,323	83,340
708.9	83,011	83,028	83,045	83,062	83,079	83,097	83,114	83,131	83,148	83,166
708.8	82,838	82,855	82,873	82,890	82,907	82,924	82,942	82,959	82,976	82,993
708.7	82,666	82,683	82,700	82,718	82,735	82,752	82,769	82,787	82,804	82,821
708.6	82,494	82,511	82,528	82,545	82,563	82,580	82,597	82,614	82,632	82,649
708.5	82,321	82,339	82,356	82,373	82,390	82,408	82,425	82,442	82,459	82,477
708.4	82,149	82,166	82,184	82,201	82,218	82,235	82,253	82,270	82,287	82,304
708.3	81,977	81,994	82,011	82,029	82,046	82,063	82,080	82,098	82,115	82,132
708.2	81,805	81,822	81,839	81,856	81,874	81,891	81,908	81,925	81,942	81,960
708.1	81,632	81,650	81,667	81,684	81,701	81,719	81,736	81,753	81,770	81,787
708.0	81,460	81,477	81,495	81,512	81,529	81,546	81,564	81,581	81,598	81,615
707.9	81,290	81,307	81,324	81,341	81,358	81,375	81,392	81,409	81,426	81,443
707.8	81,120	81,137	81,154	81,171	81,188	81,205	81,222	81,239	81,256	81,273

Cachuma Lake NAVD 88 Datum

707.7	80,950	80,967	80,984	81,001	81,018	81,035	81,052	81,069	81,086	81,103
707.6	80,780	80,797	80,814	80,831	80,848	80,865	80,882	80,899	80,916	80,933
707.5	80,610	80,627	80,644	80,661	80,678	80,695	80,712	80,729	80,746	80,763
707.4	80,440	80,457	80,474	80,491	80,508	80,525	80,542	80,559	80,576	80,593
707.3	80,270	80,287	80,304	80,321	80,338	80,355	80,372	80,389	80,406	80,423
707.2	80,100	80,117	80,134	80,151	80,168	80,185	80,202	80,219	80,236	80,253
707.1	79,930	79,947	79,964	79,981	79,998	80,015	80,032	80,049	80,066	80,083
707.0	79,760	79,777	79,794	79,811	79,828	79,845	79,862	79,879	79,896	79,913
706.9	79,592	79,608	79,625	79,642	79,659	79,676	79,692	79,709	79,726	79,743
706.8	79,424	79,441	79,457	79,474	79,491	79,508	79,525	79,541	79,558	79,575
706.7	79,256	79,273	79,289	79,306	79,323	79,340	79,357	79,373	79,390	79,407
706.6	79,088	79,105	79,121	79,138	79,155	79,172	79,189	79,205	79,222	79,239
706.5	78,920	78,937	78,953	78,970	78,987	79,004	79,021	79,037	79,054	79,071
706.4	78,752	78,769	78,785	78,802	78,819	78,836	78,853	78,869	78,886	78,903
706.3	78,584	78,601	78,617	78,634	78,651	78,668	78,685	78,701	78,718	78,735
706.2	78,416	78,433	78,449	78,466	78,483	78,500	78,517	78,533	78,550	78,567
706.1	78,248	78,265	78,281	78,298	78,315	78,332	78,349	78,365	78,382	78,399
706.0	78,080	78,097	78,113	78,130	78,147	78,164	78,181	78,197	78,214	78,231
705.9	77,915	77,931	77,948	77,964	77,981	77,997	78,014	78,030	78,047	78,063
705.8	77,750	77,766	77,783	77,799	77,816	77,832	77,849	77,865	77,882	77,898
705.7	77,584	77,601	77,617	77,634	77,650	77,667	77,683	77,700	77,716	77,733
705.6	77,419	77,436	77,452	77,469	77,485	77,502	77,518	77,535	77,551	77,568
705.5	77,254	77,271	77,287	77,304	77,320	77,337	77,353	77,370	77,386	77,403
705.4	77,089	77,106	77,122	77,139	77,155	77,172	77,188	77,205	77,221	77,238
705.3	76,924	76,940	76,957	76,973	76,990	77,006	77,023	77,039	77,056	77,072
705.2	76,759	76,775	76,792	76,808	76,825	76,841	76,858	76,874	76,891	76,907
705.1	76,594	76,610	76,627	76,643	76,660	76,676	76,693	76,709	76,726	76,742
705.0	76,429	76,445	76,462	76,478	76,495	76,511	76,528	76,544	76,561	76,577
704.9	76,265	76,282	76,298	76,314	76,331	76,347	76,363	76,380	76,396	76,412
704.8	76,102	76,118	76,135	76,151	76,167	76,184	76,200	76,216	76,233	76,249
704.7	75,939	75,955	75,972	75,988	76,004	76,020	76,037	76,053	76,069	76,086

Cachuma Lake NAVD 88 Datum

704.6	75,776	75,792	75,808	75,825	75,841	75,857	75,874	75,890	75,906	75,923
704.5	75,612	75,629	75,645	75,661	75,678	75,694	75,710	75,727	75,743	75,759
704.4	75,449	75,466	75,482	75,498	75,515	75,531	75,547	75,563	75,580	75,596
704.3	75,286	75,302	75,319	75,335	75,351	75,368	75,384	75,400	75,417	75,433
704.2	75,123	75,139	75,155	75,172	75,188	75,204	75,221	75,237	75,253	75,270
704.1	74,960	74,976	74,992	75,009	75,025	75,041	75,058	75,074	75,090	75,107
704.0	74,796	74,813	74,829	74,845	74,862	74,878	74,894	74,911	74,927	74,943
703.9	74,635	74,651	74,667	74,683	74,699	74,716	74,732	74,748	74,764	74,780
703.8	74,473	74,489	74,506	74,522	74,538	74,554	74,570	74,586	74,603	74,619
703.7	74,312	74,328	74,344	74,360	74,376	74,392	74,409	74,425	74,441	74,457
703.6	74,150	74,166	74,182	74,199	74,215	74,231	74,247	74,263	74,279	74,296
703.5	73,989	74,005	74,021	74,037	74,053	74,069	74,085	74,102	74,118	74,134
703.4	73,827	73,843	73,859	73,875	73,892	73,908	73,924	73,940	73,956	73,972
703.3	73,665	73,682	73,698	73,714	73,730	73,746	73,762	73,778	73,795	73,811
703.2	73,504	73,520	73,536	73,552	73,568	73,585	73,601	73,617	73,633	73,649
703.1	73,342	73,358	73,375	73,391	73,407	73,423	73,439	73,455	73,471	73,488
703.0	73,181	73,197	73,213	73,229	73,245	73,261	73,278	73,294	73,310	73,326
702.9	73,021	73,037	73,053	73,069	73,085	73,101	73,117	73,133	73,149	73,165
702.8	72,861	72,877	72,893	72,909	72,925	72,941	72,957	72,973	72,989	73,005
702.7	72,701	72,717	72,733	72,749	72,765	72,781	72,797	72,813	72,829	72,845
702.6	72,541	72,557	72,573	72,589	72,605	72,621	72,637	72,653	72,669	72,685
702.5	72,381	72,397	72,413	72,429	72,445	72,461	72,477	72,493	72,509	72,525
702.4	72,221	72,237	72,253	72,269	72,285	72,301	72,317	72,333	72,349	72,365
702.3	72,061	72,077	72,093	72,109	72,125	72,141	72,157	72,173	72,189	72,205
702.2	71,902	71,918	71,933	71,949	71,965	71,981	71,997	72,013	72,029	72,045
702.1	71,742	71,758	71,774	71,790	71,806	71,822	71,838	71,854	71,870	71,886
702.0	71,582	71,598	71,614	71,630	71,646	71,662	71,678	71,694	71,710	71,726
701.9	71,424	71,440	71,455	71,471	71,487	71,503	71,519	71,534	71,550	71,566
701.8	71,266	71,282	71,297	71,313	71,329	71,345	71,361	71,376	71,392	71,408
701.7	71,108	71,124	71,139	71,155	71,171	71,187	71,203	71,218	71,234	71,250
701.6	70,950	70,966	70,981	70,997	71,013	71,029	71,045	71,060	71,076	71,092

Cachuma Lake NAVD 88 Datum

701.5	70,792	70,808	70,824	70,839	70,855	70,871	70,887	70,902	70,918	70,934
701.4	70,634	70,650	70,666	70,681	70,697	70,713	70,729	70,745	70,760	70,776
701.3	70,476	70,492	70,508	70,523	70,539	70,555	70,571	70,587	70,602	70,618
701.2	70,318	70,334	70,350	70,365	70,381	70,397	70,413	70,429	70,444	70,460
701.1	70,160	70,176	70,192	70,207	70,223	70,239	70,255	70,271	70,286	70,302
701.0	70,002	70,018	70,034	70,050	70,065	70,081	70,097	70,113	70,128	70,144
700.9	69,846	69,862	69,877	69,893	69,909	69,924	69,940	69,955	69,971	69,987
700.8	69,690	69,706	69,722	69,737	69,753	69,768	69,784	69,799	69,815	69,831
700.7	69,535	69,550	69,566	69,581	69,597	69,612	69,628	69,644	69,659	69,675
700.6	69,379	69,394	69,410	69,425	69,441	69,457	69,472	69,488	69,503	69,519
700.5	69,223	69,238	69,254	69,270	69,285	69,301	69,316	69,332	69,347	69,363
700.4	69,067	69,082	69,098	69,114	69,129	69,145	69,160	69,176	69,192	69,207
700.3	68,911	68,927	68,942	68,958	68,973	68,989	69,005	69,020	69,036	69,051
700.2	68,755	68,771	68,786	68,802	68,818	68,833	68,849	68,864	68,880	68,895
700.1	68,599	68,615	68,630	68,646	68,662	68,677	68,693	68,708	68,724	68,740
700.0	68,443	68,459	68,475	68,490	68,506	68,521	68,537	68,553	68,568	68,584
699.9	68,290	68,305	68,320	68,336	68,351	68,367	68,382	68,397	68,413	68,428
699.8	68,136	68,151	68,167	68,182	68,198	68,213	68,228	68,244	68,259	68,274
699.7	67,982	67,998	68,013	68,029	68,044	68,059	68,075	68,090	68,105	68,121
699.6	67,829	67,844	67,859	67,875	67,890	67,906	67,921	67,936	67,952	67,967
699.5	67,675	67,690	67,706	67,721	67,737	67,752	67,767	67,783	67,798	67,813
699.4	67,521	67,537	67,552	67,568	67,583	67,598	67,614	67,629	67,644	67,660
699.3	67,368	67,383	67,398	67,414	67,429	67,445	67,460	67,475	67,491	67,506
699.2	67,214	67,229	67,245	67,260	67,276	67,291	67,306	67,322	67,337	67,352
699.1	67,060	67,076	67,091	67,106	67,122	67,137	67,153	67,168	67,183	67,199
699.0	66,907	66,922	66,937	66,953	66,968	66,984	66,999	67,014	67,030	67,045
698.9	66,755	66,770	66,785	66,801	66,816	66,831	66,846	66,861	66,876	66,892
698.8	66,603	66,619	66,634	66,649	66,664	66,679	66,694	66,710	66,725	66,740
698.7	66,452	66,467	66,482	66,497	66,512	66,528	66,543	66,558	66,573	66,588
698.6	66,300	66,315	66,331	66,346	66,361	66,376	66,391	66,406	66,421	66,437
698.5	66,149	66,164	66,179	66,194	66,209	66,224	66,240	66,255	66,270	66,285

Cachuma Lake NAVD 88 Datum

698.4	65,997	66,012	66,027	66,042	66,058	66,073	66,088	66,103	66,118	66,133
698.3	65,845	65,860	65,876	65,891	65,906	65,921	65,936	65,951	65,967	65,982
698.2	65,694	65,709	65,724	65,739	65,754	65,769	65,785	65,800	65,815	65,830
698.1	65,542	65,557	65,572	65,588	65,603	65,618	65,633	65,648	65,663	65,679
698.0	65,390	65,406	65,421	65,436	65,451	65,466	65,481	65,497	65,512	65,527
697.9	65,241	65,256	65,271	65,286	65,301	65,316	65,331	65,346	65,360	65,375
697.8	65,091	65,106	65,121	65,136	65,151	65,166	65,181	65,196	65,211	65,226
697.7	64,942	64,957	64,972	64,987	65,001	65,016	65,031	65,046	65,061	65,076
697.6	64,792	64,807	64,822	64,837	64,852	64,867	64,882	64,897	64,912	64,927
697.5	64,642	64,657	64,672	64,687	64,702	64,717	64,732	64,747	64,762	64,777
697.4	64,493	64,508	64,523	64,538	64,553	64,568	64,583	64,598	64,613	64,628
697.3	64,343	64,358	64,373	64,388	64,403	64,418	64,433	64,448	64,463	64,478
697.2	64,194	64,209	64,224	64,239	64,254	64,269	64,284	64,298	64,313	64,328
697.1	64,044	64,059	64,074	64,089	64,104	64,119	64,134	64,149	64,164	64,179
697.0	63,895	63,910	63,925	63,939	63,954	63,969	63,984	63,999	64,014	64,029
696.9	63,747	63,762	63,777	63,791	63,806	63,821	63,836	63,850	63,865	63,880
696.8	63,600	63,614	63,629	63,644	63,659	63,673	63,688	63,703	63,718	63,732
696.7	63,452	63,467	63,482	63,496	63,511	63,526	63,541	63,555	63,570	63,585
696.6	63,305	63,319	63,334	63,349	63,364	63,378	63,393	63,408	63,423	63,437
696.5	63,157	63,172	63,187	63,201	63,216	63,231	63,246	63,260	63,275	63,290
696.4	63,009	63,024	63,039	63,054	63,069	63,083	63,098	63,113	63,128	63,142
696.3	62,862	62,877	62,891	62,906	62,921	62,936	62,950	62,965	62,980	62,995
696.2	62,714	62,729	62,744	62,759	62,773	62,788	62,803	62,818	62,832	62,847
696.1	62,567	62,582	62,596	62,611	62,626	62,641	62,655	62,670	62,685	62,700
696.0	62,419	62,434	62,449	62,464	62,478	62,493	62,508	62,523	62,537	62,552
695.9	62,274	62,289	62,303	62,318	62,332	62,347	62,361	62,376	62,390	62,405
695.8	62,129	62,144	62,158	62,173	62,187	62,202	62,216	62,231	62,245	62,260
695.7	61,984	61,998	62,013	62,028	62,042	62,057	62,071	62,086	62,100	62,115
695.6	61,839	61,853	61,868	61,882	61,897	61,911	61,926	61,940	61,955	61,969
695.5	61,694	61,708	61,723	61,737	61,752	61,766	61,781	61,795	61,810	61,824
695.4	61,549	61,563	61,578	61,592	61,607	61,621	61,636	61,650	61,665	61,679

Cachuma Lake NAVD 88 Datum

695.3	61,403	61,418	61,432	61,447	61,461	61,476	61,490	61,505	61,519	61,534
695.2	61,258	61,273	61,287	61,302	61,316	61,331	61,345	61,360	61,374	61,389
695.1	61,113	61,128	61,142	61,157	61,171	61,186	61,200	61,215	61,229	61,244
695.0	60,968	60,982	60,997	61,011	61,026	61,040	61,055	61,069	61,084	61,099
694.9	60,825	60,839	60,853	60,868	60,882	60,896	60,911	60,925	60,939	60,954
694.8	60,682	60,696	60,710	60,725	60,739	60,753	60,768	60,782	60,796	60,811
694.7	60,539	60,553	60,567	60,582	60,596	60,610	60,625	60,639	60,653	60,668
694.6	60,396	60,410	60,424	60,439	60,453	60,467	60,482	60,496	60,510	60,525
694.5	60,253	60,267	60,281	60,296	60,310	60,324	60,339	60,353	60,367	60,382
694.4	60,110	60,124	60,138	60,153	60,167	60,181	60,196	60,210	60,224	60,239
694.3	59,967	59,981	59,995	60,010	60,024	60,038	60,053	60,067	60,081	60,096
694.2	59,824	59,838	59,852	59,867	59,881	59,895	59,910	59,924	59,938	59,953
694.1	59,681	59,695	59,709	59,724	59,738	59,752	59,767	59,781	59,795	59,810
694.0	59,538	59,552	59,566	59,581	59,595	59,609	59,624	59,638	59,652	59,667
693.9	59,397	59,411	59,425	59,439	59,453	59,467	59,481	59,496	59,510	59,524
693.8	59,255	59,270	59,284	59,298	59,312	59,326	59,340	59,354	59,368	59,383
693.7	59,114	59,128	59,143	59,157	59,171	59,185	59,199	59,213	59,227	59,241
693.6	58,973	58,987	59,001	59,015	59,030	59,044	59,058	59,072	59,086	59,100
693.5	58,832	58,846	58,860	58,874	58,888	58,902	58,917	58,931	58,945	58,959
693.4	58,691	58,705	58,719	58,733	58,747	58,761	58,775	58,789	58,804	58,818
693.3	58,549	58,564	58,578	58,592	58,606	58,620	58,634	58,648	58,662	58,677
693.2	58,408	58,422	58,436	58,451	58,465	58,479	58,493	58,507	58,521	58,535
693.1	58,267	58,281	58,295	58,309	58,324	58,338	58,352	58,366	58,380	58,394
693.0	58,126	58,140	58,154	58,168	58,182	58,196	58,211	58,225	58,239	58,253
692.9	57,986	58,000	58,014	58,028	58,042	58,056	58,070	58,084	58,098	58,112
692.8	57,847	57,861	57,875	57,889	57,902	57,916	57,930	57,944	57,958	57,972
692.7	57,707	57,721	57,735	57,749	57,763	57,777	57,791	57,805	57,819	57,833
692.6	57,567	57,581	57,595	57,609	57,623	57,637	57,651	57,665	57,679	57,693
692.5	57,428	57,442	57,456	57,470	57,484	57,498	57,512	57,526	57,540	57,553
692.4	57,288	57,302	57,316	57,330	57,344	57,358	57,372	57,386	57,400	57,414
692.3	57,149	57,163	57,177	57,191	57,205	57,218	57,232	57,246	57,260	57,274

Cachuma Lake NAVD 88 Datum

692.2	57,009	57,023	57,037	57,051	57,065	57,079	57,093	57,107	57,121	57,135
692.1	56,869	56,883	56,897	56,911	56,925	56,939	56,953	56,967	56,981	56,995
692.0	56,730	56,744	56,758	56,772	56,786	56,800	56,814	56,828	56,842	56,856
691.9	56,592	56,606	56,619	56,633	56,647	56,661	56,675	56,688	56,702	56,716
691.8	56,454	56,468	56,481	56,495	56,509	56,523	56,537	56,550	56,564	56,578
691.7	56,316	56,330	56,343	56,357	56,371	56,385	56,399	56,412	56,426	56,440
691.6	56,178	56,192	56,205	56,219	56,233	56,247	56,261	56,274	56,288	56,302
691.5	56,040	56,053	56,067	56,081	56,095	56,109	56,123	56,136	56,150	56,164
691.4	55,902	55,915	55,929	55,943	55,957	55,971	55,984	55,998	56,012	56,026
691.3	55,764	55,777	55,791	55,805	55,819	55,833	55,846	55,860	55,874	55,888
691.2	55,626	55,639	55,653	55,667	55,681	55,695	55,708	55,722	55,736	55,750
691.1	55,488	55,501	55,515	55,529	55,543	55,557	55,570	55,584	55,598	55,612
691.0	55,349	55,363	55,377	55,391	55,405	55,419	55,432	55,446	55,460	55,474
690.9	55,213	55,227	55,240	55,254	55,268	55,281	55,295	55,309	55,322	55,336
690.8	55,077	55,090	55,104	55,118	55,131	55,145	55,159	55,172	55,186	55,199
690.7	54,940	54,954	54,968	54,981	54,995	55,008	55,022	55,036	55,049	55,063
690.6	54,804	54,817	54,831	54,845	54,858	54,872	54,886	54,899	54,913	54,927
690.5	54,667	54,681	54,695	54,708	54,722	54,736	54,749	54,763	54,777	54,790
690.4	54,531	54,545	54,558	54,572	54,586	54,599	54,613	54,627	54,640	54,654
690.3	54,395	54,408	54,422	54,436	54,449	54,463	54,476	54,490	54,504	54,517
690.2	54,258	54,272	54,285	54,299	54,313	54,326	54,340	54,354	54,367	54,381
690.1	54,122	54,135	54,149	54,163	54,176	54,190	54,204	54,217	54,231	54,245
690.0	53,985	53,999	54,013	54,026	54,040	54,054	54,067	54,081	54,095	54,108
689.9	53,851	53,865	53,878	53,892	53,905	53,918	53,932	53,945	53,959	53,972
689.8	53,717	53,731	53,744	53,758	53,771	53,784	53,798	53,811	53,825	53,838
689.7	53,583	53,597	53,610	53,624	53,637	53,650	53,664	53,677	53,691	53,704
689.6	53,449	53,463	53,476	53,490	53,503	53,516	53,530	53,543	53,557	53,570
689.5	53,315	53,329	53,342	53,356	53,369	53,382	53,396	53,409	53,423	53,436
689.4	53,181	53,195	53,208	53,222	53,235	53,248	53,262	53,275	53,289	53,302
689.3	53,047	53,061	53,074	53,088	53,101	53,114	53,128	53,141	53,155	53,168
689.2	52,913	52,927	52,940	52,954	52,967	52,980	52,994	53,007	53,021	53,034

Cachuma Lake NAVD 88 Datum

689.1	52,779	52,793	52,806	52,820	52,833	52,846	52,860	52,873	52,887	52,900
689.0	52,645	52,659	52,672	52,686	52,699	52,712	52,726	52,739	52,753	52,766
688.9	52,513	52,527	52,540	52,553	52,566	52,579	52,593	52,606	52,619	52,632
688.8	52,381	52,395	52,408	52,421	52,434	52,447	52,461	52,474	52,487	52,500
688.7	52,249	52,263	52,276	52,289	52,302	52,315	52,329	52,342	52,355	52,368
688.6	52,117	52,131	52,144	52,157	52,170	52,183	52,197	52,210	52,223	52,236
688.5	51,985	51,999	52,012	52,025	52,038	52,051	52,065	52,078	52,091	52,104
688.4	51,853	51,867	51,880	51,893	51,906	51,919	51,933	51,946	51,959	51,972
688.3	51,721	51,735	51,748	51,761	51,774	51,787	51,801	51,814	51,827	51,840
688.2	51,589	51,603	51,616	51,629	51,642	51,655	51,669	51,682	51,695	51,708
688.1	51,457	51,471	51,484	51,497	51,510	51,523	51,537	51,550	51,563	51,576
688.0	51,325	51,339	51,352	51,365	51,378	51,391	51,405	51,418	51,431	51,444
687.9	51,195	51,208	51,221	51,234	51,247	51,260	51,273	51,286	51,299	51,312
687.8	51,065	51,078	51,091	51,104	51,117	51,130	51,143	51,156	51,169	51,182
687.7	50,935	50,948	50,961	50,974	50,987	51,000	51,013	51,026	51,039	51,052
687.6	50,804	50,818	50,831	50,844	50,857	50,870	50,883	50,896	50,909	50,922
687.5	50,674	50,687	50,700	50,713	50,726	50,739	50,752	50,765	50,778	50,791
687.4	50,544	50,557	50,570	50,583	50,596	50,609	50,622	50,635	50,648	50,661
687.3	50,414	50,427	50,440	50,453	50,466	50,479	50,492	50,505	50,518	50,531
687.2	50,284	50,297	50,310	50,323	50,336	50,349	50,362	50,375	50,388	50,401
687.1	50,153	50,166	50,179	50,192	50,205	50,218	50,231	50,244	50,257	50,270
687.0	50,023	50,036	50,049	50,062	50,075	50,088	50,101	50,114	50,127	50,140
686.9	49,895	49,907	49,920	49,933	49,946	49,959	49,972	49,985	49,997	50,010
686.8	49,766	49,779	49,792	49,805	49,818	49,830	49,843	49,856	49,869	49,882
686.7	49,638	49,651	49,663	49,676	49,689	49,702	49,715	49,728	49,740	49,753
686.6	49,509	49,522	49,535	49,548	49,561	49,573	49,586	49,599	49,612	49,625
686.5	49,381	49,394	49,406	49,419	49,432	49,445	49,458	49,471	49,484	49,496
686.4	49,252	49,265	49,278	49,291	49,304	49,317	49,329	49,342	49,355	49,368
686.3	49,124	49,137	49,150	49,162	49,175	49,188	49,201	49,214	49,227	49,239
686.2	48,995	49,008	49,021	49,034	49,047	49,060	49,072	49,085	49,098	49,111
686.1	48,867	48,880	48,893	48,905	48,918	48,931	48,944	48,957	48,970	48,983

Cachuma Lake NAVD 88 Datum

686.0	48,738	48,751	48,764	48,777	48,790	48,803	48,816	48,828	48,841	48,854
685.9	48,612	48,625	48,637	48,650	48,663	48,675	48,688	48,701	48,713	48,726
685.8	48,486	48,498	48,511	48,524	48,536	48,549	48,562	48,574	48,587	48,599
685.7	48,359	48,372	48,385	48,397	48,410	48,423	48,435	48,448	48,461	48,473
685.6	48,233	48,246	48,258	48,271	48,284	48,296	48,309	48,322	48,334	48,347
685.5	48,107	48,119	48,132	48,145	48,157	48,170	48,183	48,195	48,208	48,220
685.4	47,980	47,993	48,006	48,018	48,031	48,044	48,056	48,069	48,081	48,094
685.3	47,854	47,867	47,879	47,892	47,905	47,917	47,930	47,943	47,955	47,968
685.2	47,728	47,740	47,753	47,766	47,778	47,791	47,804	47,816	47,829	47,841
685.1	47,601	47,614	47,627	47,639	47,652	47,665	47,677	47,690	47,702	47,715
685.0	47,475	47,488	47,500	47,513	47,526	47,538	47,551	47,563	47,576	47,589
684.9	47,351	47,363	47,376	47,388	47,401	47,413	47,425	47,438	47,450	47,463
684.8	47,227	47,239	47,252	47,264	47,277	47,289	47,301	47,314	47,326	47,339
684.7	47,103	47,115	47,128	47,140	47,153	47,165	47,177	47,190	47,202	47,215
684.6	46,979	46,991	47,004	47,016	47,029	47,041	47,053	47,066	47,078	47,091
684.5	46,855	46,868	46,880	46,892	46,905	46,917	46,930	46,942	46,954	46,967
684.4	46,731	46,744	46,756	46,768	46,781	46,793	46,806	46,818	46,830	46,843
684.3	46,607	46,620	46,632	46,644	46,657	46,669	46,682	46,694	46,706	46,719
684.2	46,483	46,496	46,508	46,520	46,533	46,545	46,558	46,570	46,582	46,595
684.1	46,359	46,372	46,384	46,396	46,409	46,421	46,434	46,446	46,458	46,471
684.0	46,235	46,248	46,260	46,272	46,285	46,297	46,310	46,322	46,334	46,347
683.9	46,114	46,126	46,138	46,150	46,162	46,174	46,187	46,199	46,211	46,223
683.8	45,992	46,004	46,017	46,029	46,041	46,053	46,065	46,077	46,089	46,102
683.7	45,871	45,883	45,895	45,907	45,919	45,932	45,944	45,956	45,968	45,980
683.6	45,749	45,761	45,774	45,786	45,798	45,810	45,822	45,834	45,846	45,859
683.5	45,628	45,640	45,652	45,664	45,676	45,689	45,701	45,713	45,725	45,737
683.4	45,506	45,519	45,531	45,543	45,555	45,567	45,579	45,591	45,604	45,616
683.3	45,385	45,397	45,409	45,421	45,433	45,446	45,458	45,470	45,482	45,494
683.2	45,263	45,276	45,288	45,300	45,312	45,324	45,336	45,348	45,361	45,373
683.1	45,142	45,154	45,166	45,178	45,191	45,203	45,215	45,227	45,239	45,251
683.0	45,020	45,033	45,045	45,057	45,069	45,081	45,093	45,106	45,118	45,130

Cachuma Lake NAVD 88 Datum

679.9	41,400	41,411	41,422	41,434	41,445	41,456	41,468	41,479	41,490	41,502
679.8	41,286	41,297	41,309	41,320	41,331	41,343	41,354	41,365	41,377	41,388
679.7	41,172	41,183	41,195	41,206	41,218	41,229	41,240	41,252	41,263	41,274
679.6	41,058	41,070	41,081	41,092	41,104	41,115	41,127	41,138	41,149	41,161
679.5	40,945	40,956	40,967	40,979	40,990	41,001	41,013	41,024	41,036	41,047
679.4	40,831	40,842	40,854	40,865	40,876	40,888	40,899	40,910	40,922	40,933
679.3	40,717	40,729	40,740	40,751	40,763	40,774	40,785	40,797	40,808	40,819
679.2	40,603	40,615	40,626	40,638	40,649	40,660	40,672	40,683	40,694	40,706
679.1	40,490	40,501	40,512	40,524	40,535	40,547	40,558	40,569	40,581	40,592
679.0	40,376	40,387	40,399	40,410	40,421	40,433	40,444	40,456	40,467	40,478
678.9	40,264	40,275	40,286	40,297	40,309	40,320	40,331	40,342	40,354	40,365
678.8	40,152	40,163	40,174	40,185	40,196	40,208	40,219	40,230	40,241	40,253
678.7	40,039	40,051	40,062	40,073	40,084	40,095	40,107	40,118	40,129	40,140
678.6	39,927	39,938	39,950	39,961	39,972	39,983	39,994	40,006	40,017	40,028
678.5	39,815	39,826	39,837	39,849	39,860	39,871	39,882	39,893	39,905	39,916
678.4	39,703	39,714	39,725	39,736	39,748	39,759	39,770	39,781	39,793	39,804
678.3	39,591	39,602	39,613	39,624	39,635	39,647	39,658	39,669	39,680	39,692
678.2	39,478	39,490	39,501	39,512	39,523	39,534	39,546	39,557	39,568	39,579
678.1	39,366	39,377	39,389	39,400	39,411	39,422	39,433	39,445	39,456	39,467
678.0	39,254	39,265	39,276	39,288	39,299	39,310	39,321	39,332	39,344	39,355
677.9	39,144	39,155	39,166	39,177	39,188	39,199	39,210	39,221	39,232	39,243
677.8	39,033	39,044	39,055	39,066	39,077	39,088	39,099	39,110	39,122	39,133
677.7	38,923	38,934	38,945	38,956	38,967	38,978	38,989	39,000	39,011	39,022
677.6	38,813	38,824	38,835	38,846	38,857	38,868	38,879	38,890	38,901	38,912
677.5	38,702	38,713	38,724	38,735	38,746	38,757	38,768	38,779	38,790	38,801
677.4	38,592	38,603	38,614	38,625	38,636	38,647	38,658	38,669	38,680	38,691
677.3	38,481	38,492	38,504	38,515	38,526	38,537	38,548	38,559	38,570	38,581
677.2	38,371	38,382	38,393	38,404	38,415	38,426	38,437	38,448	38,459	38,470
677.1	38,261	38,272	38,283	38,294	38,305	38,316	38,327	38,338	38,349	38,360
677.0	38,150	38,161	38,172	38,184	38,195	38,206	38,217	38,228	38,239	38,250
676.9	38,042	38,053	38,064	38,075	38,085	38,096	38,107	38,118	38,129	38,140

Cachuma Lake NAVD 88 Datum

676.8	37,934	37,945	37,955	37,966	37,977	37,988	37,999	38,010	38,020	38,031
676.7	37,825	37,836	37,847	37,858	37,869	37,880	37,890	37,901	37,912	37,923
676.6	37,717	37,728	37,739	37,750	37,761	37,771	37,782	37,793	37,804	37,815
676.5	37,609	37,620	37,631	37,641	37,652	37,663	37,674	37,685	37,696	37,706
676.4	37,501	37,511	37,522	37,533	37,544	37,555	37,566	37,576	37,587	37,598
676.3	37,392	37,403	37,414	37,425	37,436	37,446	37,457	37,468	37,479	37,490
676.2	37,284	37,295	37,306	37,316	37,327	37,338	37,349	37,360	37,371	37,381
676.1	37,176	37,187	37,197	37,208	37,219	37,230	37,241	37,251	37,262	37,273
676.0	37,067	37,078	37,089	37,100	37,111	37,122	37,132	37,143	37,154	37,165
675.9	36,961	36,972	36,982	36,993	37,004	37,014	37,025	37,036	37,046	37,057
675.8	36,855	36,865	36,876	36,887	36,897	36,908	36,919	36,929	36,940	36,950
675.7	36,749	36,759	36,770	36,780	36,791	36,802	36,812	36,823	36,834	36,844
675.6	36,642	36,653	36,664	36,674	36,685	36,695	36,706	36,717	36,727	36,738
675.5	36,536	36,547	36,557	36,568	36,579	36,589	36,600	36,610	36,621	36,632
675.4	36,430	36,440	36,451	36,462	36,472	36,483	36,494	36,504	36,515	36,525
675.3	36,324	36,334	36,345	36,355	36,366	36,377	36,387	36,398	36,409	36,419
675.2	36,217	36,228	36,238	36,249	36,260	36,270	36,281	36,292	36,302	36,313
675.1	36,111	36,122	36,132	36,143	36,153	36,164	36,175	36,185	36,196	36,207
675.0	36,005	36,015	36,026	36,037	36,047	36,058	36,068	36,079	36,090	36,100
674.9	35,901	35,911	35,921	35,932	35,942	35,953	35,963	35,973	35,984	35,994
674.8	35,796	35,807	35,817	35,828	35,838	35,848	35,859	35,869	35,880	35,890
674.7	35,692	35,703	35,713	35,723	35,734	35,744	35,755	35,765	35,776	35,786
674.6	35,588	35,598	35,609	35,619	35,630	35,640	35,650	35,661	35,671	35,682
674.5	35,484	35,494	35,505	35,515	35,525	35,536	35,546	35,557	35,567	35,578
674.4	35,380	35,390	35,400	35,411	35,421	35,432	35,442	35,453	35,463	35,473
674.3	35,275	35,286	35,296	35,307	35,317	35,328	35,338	35,348	35,359	35,369
674.2	35,171	35,182	35,192	35,203	35,213	35,223	35,234	35,244	35,255	35,265
674.1	35,067	35,078	35,088	35,098	35,109	35,119	35,130	35,140	35,150	35,161
674.0	34,963	34,973	34,984	34,994	35,005	35,015	35,025	35,036	35,046	35,057
673.9	34,861	34,871	34,881	34,892	34,902	34,912	34,922	34,932	34,943	34,953
673.8	34,759	34,770	34,780	34,790	34,800	34,810	34,820	34,831	34,841	34,851

Cachuma Lake NAVD 88 Datum

673.7	34,658	34,668	34,678	34,688	34,698	34,708	34,719	34,729	34,739	34,749
673.6	34,556	34,566	34,576	34,586	34,596	34,607	34,617	34,627	34,637	34,647
673.5	34,454	34,464	34,474	34,484	34,495	34,505	34,515	34,525	34,535	34,546
673.4	34,352	34,362	34,373	34,383	34,393	34,403	34,413	34,423	34,434	34,444
673.3	34,250	34,261	34,271	34,281	34,291	34,301	34,311	34,322	34,332	34,342
673.2	34,149	34,159	34,169	34,179	34,189	34,199	34,210	34,220	34,230	34,240
673.1	34,047	34,057	34,067	34,077	34,088	34,098	34,108	34,118	34,128	34,138
673.0	33,945	33,955	33,965	33,976	33,986	33,996	34,006	34,016	34,026	34,037
672.9	33,845	33,855	33,865	33,875	33,885	33,895	33,905	33,915	33,925	33,935
672.8	33,746	33,756	33,766	33,776	33,786	33,796	33,806	33,816	33,825	33,835
672.7	33,646	33,656	33,666	33,676	33,686	33,696	33,706	33,716	33,726	33,736
672.6	33,547	33,557	33,567	33,577	33,587	33,596	33,606	33,616	33,626	33,636
672.5	33,447	33,457	33,467	33,477	33,487	33,497	33,507	33,517	33,527	33,537
672.4	33,348	33,357	33,367	33,377	33,387	33,397	33,407	33,417	33,427	33,437
672.3	33,248	33,258	33,268	33,278	33,288	33,298	33,308	33,318	33,328	33,338
672.2	33,148	33,158	33,168	33,178	33,188	33,198	33,208	33,218	33,228	33,238
672.1	33,049	33,059	33,069	33,079	33,089	33,099	33,109	33,119	33,128	33,138
672.0	32,949	32,959	32,969	32,979	32,989	32,999	33,009	33,019	33,029	33,039
671.9	32,851	32,861	32,871	32,881	32,891	32,900	32,910	32,920	32,930	32,939
671.8	32,754	32,763	32,773	32,783	32,793	32,802	32,812	32,822	32,832	32,842
671.7	32,656	32,666	32,675	32,685	32,695	32,705	32,714	32,724	32,734	32,744
671.6	32,558	32,568	32,578	32,587	32,597	32,607	32,617	32,626	32,636	32,646
671.5	32,460	32,470	32,480	32,489	32,499	32,509	32,519	32,529	32,538	32,548
671.4	32,362	32,372	32,382	32,392	32,401	32,411	32,421	32,431	32,441	32,450
671.3	32,264	32,274	32,284	32,294	32,304	32,313	32,323	32,333	32,343	32,353
671.2	32,167	32,176	32,186	32,196	32,206	32,216	32,225	32,235	32,245	32,255
671.1	32,069	32,079	32,088	32,098	32,108	32,118	32,128	32,137	32,147	32,157
671.0	31,971	31,981	31,991	32,000	32,010	32,020	32,030	32,039	32,049	32,059
670.9	31,875	31,885	31,894	31,904	31,913	31,923	31,933	31,942	31,952	31,961
670.8	31,779	31,789	31,798	31,808	31,817	31,827	31,837	31,846	31,856	31,865
670.7	31,683	31,693	31,702	31,712	31,721	31,731	31,741	31,750	31,760	31,769

Cachuma Lake NAVD 88 Datum

670.6	31,587	31,597	31,606	31,616	31,625	31,635	31,645	31,654	31,664	31,673
670.5	31,491	31,501	31,510	31,520	31,529	31,539	31,549	31,558	31,568	31,577
670.4	31,395	31,405	31,414	31,424	31,433	31,443	31,453	31,462	31,472	31,481
670.3	31,299	31,309	31,318	31,328	31,337	31,347	31,357	31,366	31,376	31,385
670.2	31,203	31,213	31,222	31,232	31,241	31,251	31,261	31,270	31,280	31,289
670.1	31,107	31,117	31,126	31,136	31,145	31,155	31,165	31,174	31,184	31,193
670.0	31,011	31,021	31,030	31,040	31,049	31,059	31,069	31,078	31,088	31,097
669.9	30,917	30,927	30,936	30,945	30,955	30,964	30,974	30,983	30,992	31,002
669.8	30,823	30,833	30,842	30,851	30,861	30,870	30,880	30,889	30,898	30,908
669.7	30,729	30,739	30,748	30,757	30,767	30,776	30,786	30,795	30,804	30,814
669.6	30,635	30,645	30,654	30,663	30,673	30,682	30,692	30,701	30,710	30,720
669.5	30,541	30,551	30,560	30,569	30,579	30,588	30,598	30,607	30,616	30,626
669.4	30,447	30,457	30,466	30,475	30,485	30,494	30,504	30,513	30,522	30,532
669.3	30,353	30,363	30,372	30,381	30,391	30,400	30,410	30,419	30,428	30,438
669.2	30,259	30,269	30,278	30,287	30,297	30,306	30,316	30,325	30,334	30,344
669.1	30,165	30,175	30,184	30,193	30,203	30,212	30,222	30,231	30,240	30,250
669.0	30,071	30,081	30,090	30,099	30,109	30,118	30,128	30,137	30,146	30,156
668.9	29,980	29,989	29,998	30,007	30,016	30,025	30,035	30,044	30,053	30,062
668.8	29,888	29,897	29,906	29,915	29,925	29,934	29,943	29,952	29,961	29,970
668.7	29,796	29,805	29,815	29,824	29,833	29,842	29,851	29,860	29,870	29,879
668.6	29,705	29,714	29,723	29,732	29,741	29,750	29,760	29,769	29,778	29,787
668.5	29,613	29,622	29,631	29,640	29,650	29,659	29,668	29,677	29,686	29,695
668.4	29,521	29,530	29,540	29,549	29,558	29,567	29,576	29,585	29,595	29,604
668.3	29,430	29,439	29,448	29,457	29,466	29,475	29,485	29,494	29,503	29,512
668.2	29,338	29,347	29,356	29,365	29,375	29,384	29,393	29,402	29,411	29,420
668.1	29,246	29,255	29,265	29,274	29,283	29,292	29,301	29,310	29,320	29,329
668.0	29,155	29,164	29,173	29,182	29,191	29,200	29,210	29,219	29,228	29,237
667.9	29,065	29,074	29,083	29,092	29,101	29,110	29,119	29,128	29,137	29,146
667.8	28,975	28,984	28,993	29,002	29,011	29,020	29,029	29,038	29,047	29,056
667.7	28,885	28,894	28,903	28,912	28,921	28,930	28,939	28,948	28,957	28,966
667.6	28,795	28,804	28,813	28,822	28,831	28,840	28,849	28,858	28,867	28,876

Cachuma Lake NAVD 88 Datum

667.5	28,705	28,714	28,723	28,732	28,741	28,750	28,759	28,768	28,777	28,786
667.4	28,615	28,624	28,633	28,642	28,651	28,660	28,669	28,678	28,687	28,696
667.3	28,525	28,534	28,543	28,552	28,561	28,570	28,579	28,588	28,597	28,606
667.2	28,435	28,444	28,453	28,462	28,471	28,480	28,489	28,498	28,507	28,516
667.1	28,346	28,355	28,363	28,372	28,381	28,390	28,399	28,408	28,417	28,426
667.0	28,256	28,265	28,274	28,283	28,292	28,301	28,310	28,319	28,328	28,337
666.9	28,167	28,176	28,185	28,194	28,203	28,211	28,220	28,229	28,238	28,247
666.8	28,079	28,088	28,096	28,105	28,114	28,123	28,132	28,141	28,150	28,158
666.7	27,990	27,999	28,008	28,017	28,026	28,035	28,043	28,052	28,061	28,070
666.6	27,902	27,911	27,920	27,929	27,937	27,946	27,955	27,964	27,973	27,982
666.5	27,814	27,822	27,831	27,840	27,849	27,858	27,867	27,875	27,884	27,893
666.4	27,725	27,734	27,743	27,752	27,761	27,769	27,778	27,787	27,796	27,805
666.3	27,637	27,646	27,654	27,663	27,672	27,681	27,690	27,699	27,707	27,716
666.2	27,548	27,557	27,566	27,575	27,584	27,593	27,601	27,610	27,619	27,628
666.1	27,460	27,469	27,478	27,486	27,495	27,504	27,513	27,522	27,531	27,540
666.0	27,372	27,380	27,389	27,398	27,407	27,416	27,425	27,433	27,442	27,451
665.9	27,285	27,293	27,302	27,311	27,319	27,328	27,337	27,345	27,354	27,363
665.8	27,198	27,206	27,215	27,224	27,232	27,241	27,250	27,258	27,267	27,276
665.7	27,111	27,119	27,128	27,137	27,145	27,154	27,163	27,171	27,180	27,189
665.6	27,024	27,032	27,041	27,050	27,058	27,067	27,076	27,085	27,093	27,102
665.5	26,937	26,945	26,954	26,963	26,971	26,980	26,989	26,998	27,006	27,015
665.4	26,850	26,858	26,867	26,876	26,884	26,893	26,902	26,911	26,919	26,928
665.3	26,763	26,771	26,780	26,789	26,797	26,806	26,815	26,824	26,832	26,841
665.2	26,676	26,684	26,693	26,702	26,710	26,719	26,728	26,737	26,745	26,754
665.1	26,589	26,597	26,606	26,615	26,623	26,632	26,641	26,650	26,658	26,667
665.0	26,502	26,510	26,519	26,528	26,537	26,545	26,554	26,563	26,571	26,580
664.9	26,416	26,425	26,433	26,442	26,450	26,459	26,467	26,476	26,485	26,493
664.8	26,330	26,339	26,347	26,356	26,365	26,373	26,382	26,390	26,399	26,407
664.7	26,245	26,253	26,262	26,270	26,279	26,287	26,296	26,305	26,313	26,322
664.6	26,159	26,167	26,176	26,185	26,193	26,202	26,210	26,219	26,227	26,236
664.5	26,073	26,082	26,090	26,099	26,108	26,116	26,125	26,133	26,142	26,150

Cachuma Lake NAVD 88 Datum

664.4	25,988	25,996	26,005	26,013	26,022	26,030	26,039	26,048	26,056	26,065
664.3	25,902	25,910	25,919	25,928	25,936	25,945	25,953	25,962	25,970	25,979
664.2	25,816	25,825	25,833	25,842	25,850	25,859	25,868	25,876	25,885	25,893
664.1	25,730	25,739	25,748	25,756	25,765	25,773	25,782	25,790	25,799	25,808
664.0	25,645	25,653	25,662	25,670	25,679	25,688	25,696	25,705	25,713	25,722
663.9	25,560	25,569	25,577	25,586	25,594	25,602	25,611	25,619	25,628	25,636
663.8	25,476	25,484	25,493	25,501	25,509	25,518	25,526	25,535	25,543	25,552
663.7	25,391	25,399	25,408	25,416	25,425	25,433	25,442	25,450	25,459	25,467
663.6	25,306	25,315	25,323	25,332	25,340	25,349	25,357	25,366	25,374	25,383
663.5	25,222	25,230	25,239	25,247	25,256	25,264	25,273	25,281	25,290	25,298
663.4	25,137	25,146	25,154	25,163	25,171	25,180	25,188	25,196	25,205	25,213
663.3	25,053	25,061	25,070	25,078	25,087	25,095	25,103	25,112	25,120	25,129
663.2	24,968	24,977	24,985	24,994	25,002	25,010	25,019	25,027	25,036	25,044
663.1	24,884	24,892	24,900	24,909	24,917	24,926	24,934	24,943	24,951	24,960
663.0	24,799	24,807	24,816	24,824	24,833	24,841	24,850	24,858	24,867	24,875
662.9	24,715	24,724	24,732	24,741	24,749	24,757	24,766	24,774	24,782	24,791
662.8	24,632	24,640	24,649	24,657	24,665	24,674	24,682	24,690	24,699	24,707
662.7	24,548	24,557	24,565	24,573	24,582	24,590	24,599	24,607	24,615	24,624
662.6	24,465	24,473	24,482	24,490	24,498	24,507	24,515	24,523	24,532	24,540
662.5	24,381	24,390	24,398	24,406	24,415	24,423	24,431	24,440	24,448	24,456
662.4	24,298	24,306	24,314	24,323	24,331	24,340	24,348	24,356	24,365	24,373
662.3	24,214	24,223	24,231	24,239	24,248	24,256	24,264	24,273	24,281	24,289
662.2	24,131	24,139	24,147	24,156	24,164	24,172	24,181	24,189	24,198	24,206
662.1	24,047	24,056	24,064	24,072	24,081	24,089	24,097	24,106	24,114	24,122
662.0	23,964	23,972	23,980	23,989	23,997	24,005	24,014	24,022	24,030	24,039
661.9	23,881	23,889	23,898	23,906	23,914	23,922	23,931	23,939	23,947	23,955
661.8	23,799	23,807	23,815	23,823	23,832	23,840	23,848	23,856	23,865	23,873
661.7	23,716	23,724	23,733	23,741	23,749	23,757	23,766	23,774	23,782	23,790
661.6	23,633	23,642	23,650	23,658	23,666	23,675	23,683	23,691	23,699	23,708
661.5	23,551	23,559	23,567	23,576	23,584	23,592	23,600	23,609	23,617	23,625
661.4	23,468	23,477	23,485	23,493	23,501	23,510	23,518	23,526	23,534	23,543

Cachuma Lake NAVD 88 Datum

661.3	23,386	23,394	23,402	23,411	23,419	23,427	23,435	23,444	23,452	23,460
661.2	23,303	23,311	23,320	23,328	23,336	23,345	23,353	23,361	23,369	23,378
661.1	23,221	23,229	23,237	23,245	23,254	23,262	23,270	23,278	23,287	23,295
661.0	23,138	23,146	23,155	23,163	23,171	23,179	23,188	23,196	23,204	23,212
660.9	23,056	23,065	23,073	23,081	23,089	23,097	23,105	23,114	23,122	23,130
660.8	22,975	22,983	22,991	22,999	23,008	23,016	23,024	23,032	23,040	23,048
660.7	22,893	22,901	22,910	22,918	22,926	22,934	22,942	22,950	22,959	22,967
660.6	22,812	22,820	22,828	22,836	22,844	22,852	22,861	22,869	22,877	22,885
660.5	22,730	22,738	22,746	22,754	22,763	22,771	22,779	22,787	22,795	22,803
660.4	22,648	22,657	22,665	22,673	22,681	22,689	22,697	22,706	22,714	22,722
660.3	22,567	22,575	22,583	22,591	22,599	22,608	22,616	22,624	22,632	22,640
660.2	22,485	22,493	22,501	22,510	22,518	22,526	22,534	22,542	22,550	22,559
660.1	22,404	22,412	22,420	22,428	22,436	22,444	22,452	22,461	22,469	22,477
660.0	22,322	22,330	22,338	22,346	22,355	22,363	22,371	22,379	22,387	22,395
659.9	22,241	22,249	22,257	22,265	22,273	22,282	22,290	22,298	22,306	22,314
659.8	22,160	22,169	22,177	22,185	22,193	22,201	22,209	22,217	22,225	22,233
659.7	22,080	22,088	22,096	22,104	22,112	22,120	22,128	22,136	22,144	22,152
659.6	21,999	22,007	22,015	22,023	22,031	22,039	22,047	22,056	22,064	22,072
659.5	21,918	21,926	21,934	21,943	21,951	21,959	21,967	21,975	21,983	21,991
659.4	21,838	21,846	21,854	21,862	21,870	21,878	21,886	21,894	21,902	21,910
659.3	21,757	21,765	21,773	21,781	21,789	21,797	21,805	21,813	21,821	21,830
659.2	21,676	21,684	21,692	21,700	21,708	21,716	21,725	21,733	21,741	21,749
659.1	21,595	21,603	21,612	21,620	21,628	21,636	21,644	21,652	21,660	21,668
659.0	21,515	21,523	21,531	21,539	21,547	21,555	21,563	21,571	21,579	21,587
658.9	21,435	21,443	21,451	21,459	21,467	21,475	21,483	21,491	21,499	21,507
658.8	21,355	21,363	21,371	21,379	21,387	21,395	21,403	21,411	21,419	21,427
658.7	21,275	21,283	21,291	21,299	21,307	21,315	21,323	21,331	21,339	21,347
658.6	21,196	21,204	21,212	21,220	21,227	21,235	21,243	21,251	21,259	21,267
658.5	21,116	21,124	21,132	21,140	21,148	21,156	21,164	21,172	21,180	21,188
658.4	21,036	21,044	21,052	21,060	21,068	21,076	21,084	21,092	21,100	21,108
658.3	20,956	20,964	20,972	20,980	20,988	20,996	21,004	21,012	21,020	21,028

Cachuma Lake NAVD 88 Datum

658.2	20,876	20,884	20,892	20,900	20,908	20,916	20,924	20,932	20,940	20,948
658.1	20,797	20,805	20,813	20,821	20,829	20,837	20,845	20,853	20,860	20,868
658.0	20,717	20,725	20,733	20,741	20,749	20,757	20,765	20,773	20,781	20,789
657.9	20,638	20,646	20,654	20,662	20,669	20,677	20,685	20,693	20,701	20,709
657.8	20,559	20,567	20,575	20,583	20,591	20,599	20,606	20,614	20,622	20,630
657.7	20,480	20,488	20,496	20,504	20,512	20,520	20,528	20,535	20,543	20,551
657.6	20,402	20,409	20,417	20,425	20,433	20,441	20,449	20,457	20,465	20,472
657.5	20,323	20,331	20,338	20,346	20,354	20,362	20,370	20,378	20,386	20,394
657.4	20,244	20,252	20,260	20,268	20,275	20,283	20,291	20,299	20,307	20,315
657.3	20,165	20,173	20,181	20,189	20,197	20,204	20,212	20,220	20,228	20,236
657.2	20,086	20,094	20,102	20,110	20,118	20,126	20,134	20,141	20,149	20,157
657.1	20,007	20,015	20,023	20,031	20,039	20,047	20,055	20,063	20,070	20,078
657.0	19,929	19,936	19,944	19,952	19,960	19,968	19,976	19,984	19,992	20,000
656.9	19,851	19,859	19,866	19,874	19,882	19,890	19,898	19,905	19,913	19,921
656.8	19,773	19,781	19,789	19,796	19,804	19,812	19,820	19,827	19,835	19,843
656.7	19,695	19,703	19,711	19,718	19,726	19,734	19,742	19,750	19,757	19,765
656.6	19,617	19,625	19,633	19,641	19,648	19,656	19,664	19,672	19,680	19,687
656.5	19,539	19,547	19,555	19,563	19,571	19,578	19,586	19,594	19,602	19,610
656.4	19,462	19,469	19,477	19,485	19,493	19,501	19,508	19,516	19,524	19,532
656.3	19,384	19,392	19,399	19,407	19,415	19,423	19,430	19,438	19,446	19,454
656.2	19,306	19,314	19,321	19,329	19,337	19,345	19,353	19,360	19,368	19,376
656.1	19,228	19,236	19,244	19,251	19,259	19,267	19,275	19,283	19,290	19,298
656.0	19,150	19,158	19,166	19,174	19,181	19,189	19,197	19,205	19,212	19,220
655.9	19,073	19,081	19,089	19,096	19,104	19,112	19,119	19,127	19,135	19,143
655.8	18,997	19,004	19,012	19,020	19,027	19,035	19,043	19,050	19,058	19,066
655.7	18,920	18,928	18,935	18,943	18,951	18,958	18,966	18,974	18,981	18,989
655.6	18,843	18,851	18,858	18,866	18,874	18,882	18,889	18,897	18,905	18,912
655.5	18,766	18,774	18,782	18,789	18,797	18,805	18,812	18,820	18,828	18,835
655.4	18,690	18,697	18,705	18,713	18,720	18,728	18,736	18,743	18,751	18,759
655.3	18,613	18,621	18,628	18,636	18,644	18,651	18,659	18,667	18,674	18,682
655.2	18,536	18,544	18,551	18,559	18,567	18,574	18,582	18,590	18,597	18,605

Cachuma Lake NAVD 88 Datum

655.1	18,459	18,467	18,475	18,482	18,490	18,498	18,505	18,513	18,521	18,528
655.0	18,383	18,390	18,398	18,406	18,413	18,421	18,429	18,436	18,444	18,452
654.9	18,307	18,315	18,322	18,330	18,337	18,345	18,352	18,360	18,367	18,375
654.8	18,232	18,239	18,247	18,254	18,262	18,270	18,277	18,285	18,292	18,300
654.7	18,156	18,164	18,172	18,179	18,187	18,194	18,202	18,209	18,217	18,224
654.6	18,081	18,089	18,096	18,104	18,111	18,119	18,126	18,134	18,141	18,149
654.5	18,006	18,013	18,021	18,028	18,036	18,043	18,051	18,059	18,066	18,074
654.4	17,930	17,938	17,946	17,953	17,961	17,968	17,976	17,983	17,991	17,998
654.3	17,855	17,863	17,870	17,878	17,885	17,893	17,900	17,908	17,915	17,923
654.2	17,780	17,787	17,795	17,802	17,810	17,817	17,825	17,832	17,840	17,848
654.1	17,704	17,712	17,719	17,727	17,735	17,742	17,750	17,757	17,765	17,772
654.0	17,629	17,637	17,644	17,652	17,659	17,667	17,674	17,682	17,689	17,697
653.9	17,556	17,563	17,570	17,578	17,585	17,592	17,600	17,607	17,614	17,622
653.8	17,483	17,490	17,497	17,504	17,512	17,519	17,526	17,534	17,541	17,548
653.7	17,409	17,417	17,424	17,431	17,439	17,446	17,453	17,461	17,468	17,475
653.6	17,336	17,343	17,351	17,358	17,365	17,373	17,380	17,387	17,395	17,402
653.5	17,263	17,270	17,277	17,285	17,292	17,299	17,307	17,314	17,321	17,329
653.4	17,189	17,197	17,204	17,211	17,219	17,226	17,233	17,241	17,248	17,255
653.3	17,116	17,124	17,131	17,138	17,146	17,153	17,160	17,167	17,175	17,182
653.2	17,043	17,050	17,058	17,065	17,072	17,080	17,087	17,094	17,102	17,109
653.1	16,970	16,977	16,984	16,992	16,999	17,006	17,014	17,021	17,028	17,036
653.0	16,896	16,904	16,911	16,918	16,926	16,933	16,940	16,948	16,955	16,962
652.9	16,826	16,833	16,840	16,847	16,854	16,861	16,868	16,875	16,882	16,889
652.8	16,755	16,762	16,769	16,776	16,783	16,790	16,797	16,804	16,811	16,819
652.7	16,684	16,691	16,698	16,705	16,712	16,719	16,726	16,733	16,741	16,748
652.6	16,613	16,620	16,627	16,634	16,641	16,648	16,656	16,663	16,670	16,677
652.5	16,542	16,549	16,556	16,563	16,571	16,578	16,585	16,592	16,599	16,606
652.4	16,471	16,478	16,485	16,493	16,500	16,507	16,514	16,521	16,528	16,535
652.3	16,400	16,408	16,415	16,422	16,429	16,436	16,443	16,450	16,457	16,464
652.2	16,330	16,337	16,344	16,351	16,358	16,365	16,372	16,379	16,386	16,393
652.1	16,259	16,266	16,273	16,280	16,287	16,294	16,301	16,308	16,315	16,323

Cachuma Lake NAVD 88 Datum

652.0	16,188	16,195	16,202	16,209	16,216	16,223	16,230	16,238	16,245	16,252
651.9	16,119	16,126	16,133	16,140	16,147	16,154	16,160	16,167	16,174	16,181
651.8	16,050	16,057	16,064	16,071	16,078	16,085	16,092	16,098	16,105	16,112
651.7	15,981	15,988	15,995	16,002	16,009	16,016	16,023	16,030	16,036	16,043
651.6	15,913	15,919	15,926	15,933	15,940	15,947	15,954	15,961	15,968	15,975
651.5	15,844	15,851	15,858	15,864	15,871	15,878	15,885	15,892	15,899	15,906
651.4	15,775	15,782	15,789	15,796	15,802	15,809	15,816	15,823	15,830	15,837
651.3	15,706	15,713	15,720	15,727	15,734	15,740	15,747	15,754	15,761	15,768
651.2	15,637	15,644	15,651	15,658	15,665	15,672	15,679	15,685	15,692	15,699
651.1	15,568	15,575	15,582	15,589	15,596	15,603	15,610	15,617	15,623	15,630
651.0	15,500	15,506	15,513	15,520	15,527	15,534	15,541	15,548	15,555	15,562
650.9	15,433	15,439	15,446	15,453	15,459	15,466	15,473	15,480	15,486	15,493
650.8	15,366	15,373	15,379	15,386	15,393	15,399	15,406	15,413	15,419	15,426
650.7	15,299	15,306	15,312	15,319	15,326	15,332	15,339	15,346	15,352	15,359
650.6	15,232	15,239	15,245	15,252	15,259	15,266	15,272	15,279	15,286	15,292
650.5	15,165	15,172	15,179	15,185	15,192	15,199	15,205	15,212	15,219	15,225
650.4	15,098	15,105	15,112	15,118	15,125	15,132	15,139	15,145	15,152	15,159
650.3	15,032	15,038	15,045	15,052	15,058	15,065	15,072	15,078	15,085	15,092
650.2	14,965	14,971	14,978	14,985	14,991	14,998	15,005	15,011	15,018	15,025
650.1	14,898	14,904	14,911	14,918	14,925	14,931	14,938	14,945	14,951	14,958
650.0	14,831	14,838	14,844	14,851	14,858	14,864	14,871	14,878	14,884	14,891
649.9	14,766	14,773	14,779	14,786	14,792	14,799	14,805	14,811	14,818	14,824
649.8	14,701	14,708	14,714	14,721	14,727	14,734	14,740	14,747	14,753	14,760
649.7	14,637	14,643	14,649	14,656	14,662	14,669	14,675	14,682	14,688	14,695
649.6	14,572	14,578	14,585	14,591	14,598	14,604	14,611	14,617	14,624	14,630
649.5	14,507	14,513	14,520	14,526	14,533	14,539	14,546	14,552	14,559	14,565
649.4	14,442	14,449	14,455	14,462	14,468	14,474	14,481	14,487	14,494	14,500
649.3	14,377	14,384	14,390	14,397	14,403	14,410	14,416	14,423	14,429	14,436
649.2	14,312	14,319	14,325	14,332	14,338	14,345	14,351	14,358	14,364	14,371
649.1	14,248	14,254	14,261	14,267	14,274	14,280	14,287	14,293	14,299	14,306
649.0	14,183	14,189	14,196	14,202	14,209	14,215	14,222	14,228	14,235	14,241

Cachuma Lake NAVD 88 Datum

645.9	12,300	12,306	12,311	12,317	12,323	12,328	12,334	12,340	12,345	12,351
645.8	12,244	12,249	12,255	12,260	12,266	12,272	12,277	12,283	12,289	12,294
645.7	12,187	12,193	12,198	12,204	12,210	12,215	12,221	12,227	12,232	12,238
645.6	12,131	12,136	12,142	12,147	12,153	12,159	12,164	12,170	12,176	12,181
645.5	12,074	12,080	12,085	12,091	12,097	12,102	12,108	12,114	12,119	12,125
645.4	12,017	12,023	12,029	12,034	12,040	12,046	12,051	12,057	12,063	12,068
645.3	11,961	11,967	11,972	11,978	11,984	11,989	11,995	12,001	12,006	12,012
645.2	11,904	11,910	11,916	11,921	11,927	11,933	11,938	11,944	11,950	11,955
645.1	11,848	11,854	11,859	11,865	11,871	11,876	11,882	11,887	11,893	11,899
645.0	11,791	11,797	11,803	11,808	11,814	11,820	11,825	11,831	11,837	11,842
644.9	11,737	11,743	11,748	11,754	11,759	11,764	11,770	11,775	11,781	11,786
644.8	11,683	11,689	11,694	11,700	11,705	11,710	11,716	11,721	11,727	11,732
644.7	11,629	11,635	11,640	11,646	11,651	11,656	11,662	11,667	11,673	11,678
644.6	11,576	11,581	11,586	11,592	11,597	11,602	11,608	11,613	11,619	11,624
644.5	11,522	11,527	11,532	11,538	11,543	11,549	11,554	11,559	11,565	11,570
644.4	11,468	11,473	11,478	11,484	11,489	11,495	11,500	11,505	11,511	11,516
644.3	11,414	11,419	11,424	11,430	11,435	11,441	11,446	11,451	11,457	11,462
644.2	11,360	11,365	11,370	11,376	11,381	11,387	11,392	11,397	11,403	11,408
644.1	11,306	11,311	11,316	11,322	11,327	11,333	11,338	11,343	11,349	11,354
644.0	11,252	11,257	11,262	11,268	11,273	11,279	11,284	11,289	11,295	11,300
643.9	11,200	11,205	11,210	11,216	11,221	11,226	11,231	11,236	11,241	11,246
643.8	11,149	11,154	11,159	11,164	11,169	11,174	11,179	11,185	11,190	11,195
643.7	11,097	11,102	11,107	11,112	11,118	11,123	11,128	11,133	11,138	11,143
643.6	11,046	11,051	11,056	11,061	11,066	11,071	11,076	11,082	11,087	11,092
643.5	10,994	10,999	11,004	11,009	11,015	11,020	11,025	11,030	11,035	11,040
643.4	10,942	10,948	10,953	10,958	10,963	10,968	10,973	10,979	10,984	10,989
643.3	10,891	10,896	10,901	10,906	10,912	10,917	10,922	10,927	10,932	10,937
643.2	10,839	10,845	10,850	10,855	10,860	10,865	10,870	10,875	10,881	10,886
643.1	10,788	10,793	10,798	10,803	10,808	10,814	10,819	10,824	10,829	10,834
643.0	10,736	10,741	10,747	10,752	10,757	10,762	10,767	10,772	10,778	10,783
642.9	10,687	10,692	10,697	10,702	10,706	10,711	10,716	10,721	10,726	10,731

Cachuma Lake NAVD 88 Datum

642.8	10,637	10,642	10,647	10,652	10,657	10,662	10,667	10,672	10,677	10,682
642.7	10,587	10,592	10,597	10,602	10,607	10,612	10,617	10,622	10,627	10,632
642.6	10,538	10,543	10,548	10,552	10,557	10,562	10,567	10,572	10,577	10,582
642.5	10,488	10,493	10,498	10,503	10,508	10,513	10,518	10,523	10,528	10,533
642.4	10,438	10,443	10,448	10,453	10,458	10,463	10,468	10,473	10,478	10,483
642.3	10,389	10,393	10,398	10,403	10,408	10,413	10,418	10,423	10,428	10,433
642.2	10,339	10,344	10,349	10,354	10,359	10,364	10,369	10,374	10,379	10,384
642.1	10,289	10,294	10,299	10,304	10,309	10,314	10,319	10,324	10,329	10,334
642.0	10,239	10,244	10,249	10,254	10,259	10,264	10,269	10,274	10,279	10,284
641.9	10,192	10,196	10,201	10,206	10,211	10,216	10,220	10,225	10,230	10,235
641.8	10,144	10,148	10,153	10,158	10,163	10,168	10,172	10,177	10,182	10,187
641.7	10,096	10,101	10,105	10,110	10,115	10,120	10,124	10,129	10,134	10,139
641.6	10,048	10,053	10,057	10,062	10,067	10,072	10,077	10,081	10,086	10,091
641.5	10,000	10,005	10,009	10,014	10,019	10,024	10,029	10,033	10,038	10,043
641.4	9,952	9,957	9,962	9,966	9,971	9,976	9,981	9,986	9,990	9,995
641.3	9,904	9,909	9,914	9,918	9,923	9,928	9,933	9,938	9,942	9,947
641.2	9,856	9,861	9,866	9,871	9,875	9,880	9,885	9,890	9,895	9,899
641.1	9,808	9,813	9,818	9,823	9,827	9,832	9,837	9,842	9,847	9,851
641.0	9,760	9,765	9,770	9,775	9,780	9,784	9,789	9,794	9,799	9,803
640.9	9,714	9,719	9,723	9,728	9,733	9,737	9,742	9,746	9,751	9,756
640.8	9,668	9,672	9,677	9,682	9,686	9,691	9,696	9,700	9,705	9,709
640.7	9,622	9,626	9,631	9,635	9,640	9,645	9,649	9,654	9,659	9,663
640.6	9,575	9,580	9,585	9,589	9,594	9,598	9,603	9,608	9,612	9,617
640.5	9,529	9,534	9,538	9,543	9,548	9,552	9,557	9,561	9,566	9,571
640.4	9,483	9,487	9,492	9,497	9,501	9,506	9,511	9,515	9,520	9,524
640.3	9,437	9,441	9,446	9,450	9,455	9,460	9,464	9,469	9,474	9,478
640.2	9,390	9,395	9,400	9,404	9,409	9,413	9,418	9,423	9,427	9,432
640.1	9,344	9,349	9,353	9,358	9,363	9,367	9,372	9,376	9,381	9,386
640.0	9,298	9,302	9,307	9,312	9,316	9,321	9,326	9,330	9,335	9,339
639.9	9,253	9,257	9,262	9,266	9,271	9,275	9,280	9,284	9,289	9,293
639.8	9,208	9,212	9,217	9,221	9,226	9,230	9,235	9,239	9,244	9,248

Cachuma Lake NAVD 88 Datum

639.7	9,163	9,167	9,172	9,176	9,181	9,185	9,190	9,194	9,199	9,203
639.6	9,118	9,122	9,127	9,131	9,136	9,140	9,145	9,149	9,154	9,158
639.5	9,073	9,077	9,082	9,086	9,091	9,095	9,100	9,104	9,109	9,113
639.4	9,028	9,032	9,037	9,041	9,046	9,050	9,055	9,059	9,064	9,068
639.3	8,983	8,987	8,992	8,996	9,001	9,005	9,010	9,014	9,019	9,023
639.2	8,938	8,942	8,947	8,951	8,956	8,960	8,965	8,969	8,974	8,978
639.1	8,893	8,897	8,902	8,906	8,911	8,915	8,920	8,924	8,929	8,933
639.0	8,848	8,852	8,857	8,861	8,866	8,870	8,875	8,879	8,884	8,888
638.9	8,804	8,808	8,812	8,817	8,821	8,826	8,830	8,834	8,839	8,843
638.8	8,760	8,764	8,769	8,773	8,777	8,782	8,786	8,791	8,795	8,799
638.7	8,716	8,720	8,725	8,729	8,734	8,738	8,742	8,747	8,751	8,755
638.6	8,672	8,677	8,681	8,685	8,690	8,694	8,699	8,703	8,707	8,712
638.5	8,628	8,633	8,637	8,642	8,646	8,650	8,655	8,659	8,663	8,668
638.4	8,585	8,589	8,593	8,598	8,602	8,607	8,611	8,615	8,620	8,624
638.3	8,541	8,545	8,550	8,554	8,558	8,563	8,567	8,571	8,576	8,580
638.2	8,497	8,501	8,506	8,510	8,514	8,519	8,523	8,528	8,532	8,536
638.1	8,453	8,458	8,462	8,466	8,471	8,475	8,479	8,484	8,488	8,493
638.0	8,409	8,414	8,418	8,422	8,427	8,431	8,436	8,440	8,444	8,449
637.9	8,367	8,371	8,375	8,380	8,384	8,388	8,392	8,397	8,401	8,405
637.8	8,324	8,328	8,333	8,337	8,341	8,345	8,350	8,354	8,358	8,362
637.7	8,282	8,286	8,290	8,294	8,299	8,303	8,307	8,311	8,316	8,320
637.6	8,239	8,243	8,248	8,252	8,256	8,260	8,265	8,269	8,273	8,277
637.5	8,196	8,201	8,205	8,209	8,213	8,218	8,222	8,226	8,230	8,235
637.4	8,154	8,158	8,162	8,167	8,171	8,175	8,179	8,184	8,188	8,192
637.3	8,111	8,115	8,120	8,124	8,128	8,133	8,137	8,141	8,145	8,150
637.2	8,069	8,073	8,077	8,081	8,086	8,090	8,094	8,098	8,103	8,107
637.1	8,026	8,030	8,035	8,039	8,043	8,047	8,052	8,056	8,060	8,064
637.0	7,983	7,988	7,992	7,996	8,001	8,005	8,009	8,013	8,018	8,022
636.9	7,942	7,946	7,951	7,955	7,959	7,963	7,967	7,971	7,975	7,979
636.8	7,901	7,905	7,909	7,913	7,918	7,922	7,926	7,930	7,934	7,938
636.7	7,860	7,864	7,868	7,872	7,876	7,881	7,885	7,889	7,893	7,897

Cachuma Lake NAVD 88 Datum

636.6	7,819	7,823	7,827	7,831	7,835	7,839	7,843	7,848	7,852	7,856
636.5	7,778	7,782	7,786	7,790	7,794	7,798	7,802	7,806	7,811	7,815
636.4	7,736	7,741	7,745	7,749	7,753	7,757	7,761	7,765	7,769	7,773
636.3	7,695	7,699	7,703	7,708	7,712	7,716	7,720	7,724	7,728	7,732
636.2	7,654	7,658	7,662	7,666	7,671	7,675	7,679	7,683	7,687	7,691
636.1	7,613	7,617	7,621	7,625	7,629	7,633	7,638	7,642	7,646	7,650
636.0	7,572	7,576	7,580	7,584	7,588	7,592	7,596	7,601	7,605	7,609
635.9	7,532	7,536	7,540	7,544	7,548	7,552	7,556	7,560	7,564	7,568
635.8	7,492	7,496	7,500	7,504	7,508	7,512	7,516	7,520	7,524	7,528
635.7	7,453	7,457	7,461	7,465	7,468	7,472	7,476	7,480	7,484	7,488
635.6	7,413	7,417	7,421	7,425	7,429	7,433	7,437	7,441	7,445	7,449
635.5	7,373	7,377	7,381	7,385	7,389	7,393	7,397	7,401	7,405	7,409
635.4	7,333	7,337	7,341	7,345	7,349	7,353	7,357	7,361	7,365	7,369
635.3	7,294	7,298	7,302	7,306	7,310	7,314	7,318	7,322	7,326	7,329
635.2	7,254	7,258	7,262	7,266	7,270	7,274	7,278	7,282	7,286	7,290
635.1	7,214	7,218	7,222	7,226	7,230	7,234	7,238	7,242	7,246	7,250
635.0	7,175	7,179	7,183	7,187	7,191	7,194	7,198	7,202	7,206	7,210
634.9	7,136	7,140	7,144	7,148	7,152	7,155	7,159	7,163	7,167	7,171
634.8	7,098	7,102	7,105	7,109	7,113	7,117	7,121	7,125	7,128	7,132
634.7	7,059	7,063	7,067	7,071	7,075	7,078	7,082	7,086	7,090	7,094
634.6	7,021	7,025	7,028	7,032	7,036	7,040	7,044	7,048	7,052	7,055
634.5	6,982	6,986	6,990	6,994	6,998	7,002	7,005	7,009	7,013	7,017
634.4	6,944	6,948	6,952	6,955	6,959	6,963	6,967	6,971	6,975	6,978
634.3	6,905	6,909	6,913	6,917	6,921	6,925	6,928	6,932	6,936	6,940
634.2	6,867	6,871	6,875	6,878	6,882	6,886	6,890	6,894	6,898	6,902
634.1	6,828	6,832	6,836	6,840	6,844	6,848	6,851	6,855	6,859	6,863
634.0	6,790	6,794	6,798	6,801	6,805	6,809	6,813	6,817	6,821	6,825
633.9	6,752	6,756	6,760	6,764	6,767	6,771	6,775	6,779	6,782	6,786
633.8	6,715	6,719	6,722	6,726	6,730	6,734	6,737	6,741	6,745	6,749
633.7	6,677	6,681	6,685	6,689	6,692	6,696	6,700	6,704	6,707	6,711
633.6	6,640	6,643	6,647	6,651	6,655	6,659	6,662	6,666	6,670	6,674

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633.5	6,602	6,606	6,610	6,613	6,617	6,621	6,625	6,628	6,632	6,636
633.4	6,565	6,568	6,572	6,576	6,580	6,583	6,587	6,591	6,595	6,598
633.3	6,527	6,531	6,535	6,538	6,542	6,546	6,550	6,553	6,557	6,561
633.2	6,490	6,493	6,497	6,501	6,505	6,508	6,512	6,516	6,520	6,523
633.1	6,452	6,456	6,459	6,463	6,467	6,471	6,474	6,478	6,482	6,486
633.0	6,414	6,418	6,422	6,426	6,429	6,433	6,437	6,441	6,444	6,448
632.9	6,378	6,381	6,385	6,389	6,392	6,396	6,400	6,403	6,407	6,411
632.8	6,341	6,344	6,348	6,352	6,355	6,359	6,363	6,367	6,370	6,374
632.7	6,304	6,308	6,311	6,315	6,319	6,322	6,326	6,330	6,333	6,337
632.6	6,267	6,271	6,274	6,278	6,282	6,285	6,289	6,293	6,297	6,300
632.5	6,230	6,234	6,238	6,241	6,245	6,249	6,252	6,256	6,260	6,263
632.4	6,193	6,197	6,201	6,204	6,208	6,212	6,215	6,219	6,223	6,227
632.3	6,157	6,160	6,164	6,168	6,171	6,175	6,179	6,182	6,186	6,190
632.2	6,120	6,123	6,127	6,131	6,134	6,138	6,142	6,145	6,149	6,153
632.1	6,083	6,087	6,090	6,094	6,098	6,101	6,105	6,109	6,112	6,116
632.0	6,046	6,050	6,053	6,057	6,061	6,064	6,068	6,072	6,075	6,079
631.9	6,010	6,013	6,017	6,021	6,024	6,028	6,032	6,035	6,039	6,042
631.8	5,974	5,977	5,981	5,985	5,988	5,992	5,995	5,999	6,003	6,006
631.7	5,938	5,941	5,945	5,949	5,952	5,956	5,959	5,963	5,967	5,970
631.6	5,902	5,905	5,909	5,912	5,916	5,920	5,923	5,927	5,930	5,934
631.5	5,865	5,869	5,873	5,876	5,880	5,884	5,887	5,891	5,894	5,898
631.4	5,829	5,833	5,837	5,840	5,844	5,847	5,851	5,855	5,858	5,862
631.3	5,793	5,797	5,801	5,804	5,808	5,811	5,815	5,819	5,822	5,826
631.2	5,757	5,761	5,764	5,768	5,772	5,775	5,779	5,782	5,786	5,790
631.1	5,721	5,725	5,728	5,732	5,736	5,739	5,743	5,746	5,750	5,754
631.0	5,685	5,689	5,692	5,696	5,699	5,703	5,707	5,710	5,714	5,717
630.9	5,650	5,653	5,657	5,660	5,664	5,667	5,671	5,674	5,678	5,681
630.8	5,615	5,618	5,622	5,625	5,629	5,632	5,636	5,639	5,643	5,646
630.7	5,580	5,583	5,587	5,590	5,594	5,597	5,601	5,604	5,608	5,611
630.6	5,545	5,548	5,552	5,555	5,559	5,562	5,566	5,569	5,573	5,576
630.5	5,510	5,513	5,517	5,520	5,524	5,527	5,531	5,534	5,538	5,541

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630.4	5,475	5,478	5,482	5,485	5,489	5,492	5,496	5,499	5,503	5,506
630.3	5,440	5,443	5,447	5,450	5,454	5,457	5,461	5,464	5,468	5,471
630.2	5,405	5,408	5,412	5,415	5,419	5,422	5,426	5,429	5,433	5,436
630.1	5,370	5,373	5,377	5,380	5,384	5,387	5,391	5,394	5,398	5,401
630.0	5,335	5,338	5,342	5,345	5,349	5,352	5,356	5,359	5,363	5,366
629.9	5,301	5,305	5,308	5,311	5,315	5,318	5,321	5,325	5,328	5,331
629.8	5,268	5,271	5,275	5,278	5,281	5,285	5,288	5,291	5,295	5,298
629.7	5,234	5,238	5,241	5,244	5,248	5,251	5,254	5,258	5,261	5,265
629.6	5,201	5,204	5,208	5,211	5,214	5,218	5,221	5,224	5,228	5,231
629.5	5,167	5,171	5,174	5,177	5,181	5,184	5,188	5,191	5,194	5,198
629.4	5,134	5,137	5,141	5,144	5,147	5,151	5,154	5,157	5,161	5,164
629.3	5,100	5,104	5,107	5,110	5,114	5,117	5,121	5,124	5,127	5,131
629.2	5,067	5,070	5,074	5,077	5,080	5,084	5,087	5,090	5,094	5,097
629.1	5,033	5,037	5,040	5,044	5,047	5,050	5,054	5,057	5,060	5,064
629.0	5,000	5,003	5,007	5,010	5,013	5,017	5,020	5,023	5,027	5,030
628.9	4,968	4,971	4,974	4,978	4,981	4,984	4,987	4,990	4,994	4,997
628.8	4,936	4,939	4,942	4,945	4,949	4,952	4,955	4,958	4,961	4,965
628.7	4,904	4,907	4,910	4,913	4,917	4,920	4,923	4,926	4,929	4,933
628.6	4,872	4,875	4,878	4,881	4,884	4,888	4,891	4,894	4,897	4,900
628.5	4,840	4,843	4,846	4,849	4,852	4,856	4,859	4,862	4,865	4,868
628.4	4,807	4,811	4,814	4,817	4,820	4,823	4,827	4,830	4,833	4,836
628.3	4,775	4,779	4,782	4,785	4,788	4,791	4,795	4,798	4,801	4,804
628.2	4,743	4,746	4,750	4,753	4,756	4,759	4,762	4,766	4,769	4,772
628.1	4,711	4,714	4,718	4,721	4,724	4,727	4,730	4,734	4,737	4,740
628.0	4,679	4,682	4,685	4,689	4,692	4,695	4,698	4,701	4,705	4,708
627.9	4,648	4,651	4,654	4,657	4,661	4,664	4,667	4,670	4,673	4,676
627.8	4,617	4,621	4,624	4,627	4,630	4,633	4,636	4,639	4,642	4,645
627.7	4,587	4,590	4,593	4,596	4,599	4,602	4,605	4,608	4,611	4,614
627.6	4,556	4,559	4,562	4,565	4,568	4,571	4,574	4,577	4,580	4,584
627.5	4,525	4,528	4,531	4,534	4,537	4,540	4,544	4,547	4,550	4,553
627.4	4,494	4,497	4,500	4,503	4,507	4,510	4,513	4,516	4,519	4,522

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627.3	4,463	4,467	4,470	4,473	4,476	4,479	4,482	4,485	4,488	4,491
627.2	4,433	4,436	4,439	4,442	4,445	4,448	4,451	4,454	4,457	4,460
627.1	4,402	4,405	4,408	4,411	4,414	4,417	4,420	4,423	4,426	4,430
627.0	4,371	4,374	4,377	4,380	4,383	4,386	4,390	4,393	4,396	4,399
626.9	4,341	4,344	4,347	4,350	4,353	4,356	4,359	4,362	4,365	4,368
626.8	4,311	4,314	4,317	4,320	4,323	4,326	4,329	4,332	4,335	4,338
626.7	4,281	4,284	4,287	4,290	4,293	4,296	4,299	4,302	4,305	4,308
626.6	4,252	4,255	4,258	4,261	4,264	4,267	4,270	4,273	4,275	4,278
626.5	4,222	4,225	4,228	4,231	4,234	4,237	4,240	4,243	4,246	4,249
626.4	4,192	4,195	4,198	4,201	4,204	4,207	4,210	4,213	4,216	4,219
626.3	4,162	4,165	4,168	4,171	4,174	4,177	4,180	4,183	4,186	4,189
626.2	4,132	4,135	4,138	4,141	4,144	4,147	4,150	4,153	4,156	4,159
626.1	4,102	4,105	4,108	4,111	4,114	4,117	4,120	4,123	4,126	4,129
626.0	4,072	4,075	4,078	4,081	4,084	4,087	4,090	4,093	4,096	4,099
625.9	4,043	4,046	4,049	4,052	4,055	4,058	4,061	4,064	4,067	4,069
625.8	4,014	4,017	4,020	4,023	4,026	4,029	4,032	4,035	4,037	4,040
625.7	3,985	3,988	3,991	3,994	3,997	4,000	4,002	4,005	4,008	4,011
625.6	3,956	3,959	3,962	3,965	3,967	3,970	3,973	3,976	3,979	3,982
625.5	3,927	3,930	3,933	3,935	3,938	3,941	3,944	3,947	3,950	3,953
625.4	3,898	3,900	3,903	3,906	3,909	3,912	3,915	3,918	3,921	3,924
625.3	3,868	3,871	3,874	3,877	3,880	3,883	3,886	3,889	3,892	3,895
625.2	3,839	3,842	3,845	3,848	3,851	3,854	3,857	3,860	3,863	3,865
625.1	3,810	3,813	3,816	3,819	3,822	3,825	3,828	3,831	3,833	3,836
625.0	3,781	3,784	3,787	3,790	3,793	3,796	3,798	3,801	3,804	3,807
624.9	3,752	3,755	3,758	3,761	3,764	3,767	3,770	3,772	3,775	3,778
624.8	3,724	3,727	3,730	3,732	3,735	3,738	3,741	3,744	3,747	3,750
624.7	3,695	3,698	3,701	3,704	3,707	3,710	3,713	3,715	3,718	3,721
624.6	3,667	3,670	3,673	3,675	3,678	3,681	3,684	3,687	3,690	3,693
624.5	3,638	3,641	3,644	3,647	3,650	3,653	3,655	3,658	3,661	3,664
624.4	3,610	3,613	3,616	3,618	3,621	3,624	3,627	3,630	3,633	3,636
624.3	3,581	3,584	3,587	3,590	3,593	3,596	3,598	3,601	3,604	3,607

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624.2	3,553	3,556	3,559	3,561	3,564	3,567	3,570	3,573	3,576	3,579
624.1	3,524	3,527	3,530	3,533	3,536	3,539	3,541	3,544	3,547	3,550
624.0	3,496	3,499	3,502	3,504	3,507	3,510	3,513	3,516	3,519	3,521
623.9	3,468	3,471	3,474	3,476	3,479	3,482	3,485	3,487	3,490	3,493
623.8	3,440	3,443	3,446	3,449	3,451	3,454	3,457	3,460	3,462	3,465
623.7	3,412	3,415	3,418	3,421	3,423	3,426	3,429	3,432	3,435	3,437
623.6	3,384	3,387	3,390	3,393	3,396	3,398	3,401	3,404	3,407	3,410
623.5	3,357	3,359	3,362	3,365	3,368	3,371	3,373	3,376	3,379	3,382
623.4	3,329	3,332	3,334	3,337	3,340	3,343	3,346	3,348	3,351	3,354
623.3	3,301	3,304	3,307	3,309	3,312	3,315	3,318	3,320	3,323	3,326
623.2	3,273	3,276	3,279	3,281	3,284	3,287	3,290	3,293	3,295	3,298
623.1	3,245	3,248	3,251	3,254	3,256	3,259	3,262	3,265	3,268	3,270
623.0	3,217	3,220	3,223	3,226	3,229	3,231	3,234	3,237	3,240	3,243
622.9	3,190	3,193	3,196	3,199	3,201	3,204	3,207	3,209	3,212	3,215
622.8	3,163	3,166	3,169	3,171	3,174	3,177	3,180	3,182	3,185	3,188
622.7	3,136	3,139	3,142	3,144	3,147	3,150	3,152	3,155	3,158	3,161
622.6	3,109	3,112	3,115	3,117	3,120	3,123	3,125	3,128	3,131	3,133
622.5	3,082	3,085	3,087	3,090	3,093	3,096	3,098	3,101	3,104	3,106
622.4	3,055	3,058	3,060	3,063	3,066	3,068	3,071	3,074	3,077	3,079
622.3	3,028	3,031	3,033	3,036	3,039	3,041	3,044	3,047	3,050	3,052
622.2	3,001	3,003	3,006	3,009	3,012	3,014	3,017	3,020	3,022	3,025
622.1	2,974	2,976	2,979	2,982	2,984	2,987	2,990	2,993	2,995	2,998
622.0	2,947	2,949	2,952	2,955	2,957	2,960	2,963	2,966	2,968	2,971
621.9	2,920	2,923	2,926	2,928	2,931	2,933	2,936	2,939	2,941	2,944
621.8	2,894	2,897	2,899	2,902	2,905	2,907	2,910	2,912	2,915	2,918
621.7	2,868	2,871	2,873	2,876	2,878	2,881	2,884	2,886	2,889	2,891
621.6	2,842	2,844	2,847	2,850	2,852	2,855	2,857	2,860	2,863	2,865
621.5	2,815	2,818	2,821	2,823	2,826	2,829	2,831	2,834	2,836	2,839
621.4	2,789	2,792	2,794	2,797	2,800	2,802	2,805	2,808	2,810	2,813
621.3	2,763	2,766	2,768	2,771	2,773	2,776	2,779	2,781	2,784	2,787
621.2	2,737	2,739	2,742	2,745	2,747	2,750	2,752	2,755	2,758	2,760

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621.1	2,711	2,713	2,716	2,718	2,721	2,724	2,726	2,729	2,731	2,734
621.0	2,684	2,687	2,690	2,692	2,695	2,697	2,700	2,703	2,705	2,708
620.9	2,659	2,661	2,664	2,666	2,669	2,671	2,674	2,677	2,679	2,682
620.8	2,633	2,636	2,638	2,641	2,643	2,646	2,648	2,651	2,654	2,656
620.7	2,607	2,610	2,613	2,615	2,618	2,620	2,623	2,625	2,628	2,630
620.6	2,582	2,584	2,587	2,589	2,592	2,595	2,597	2,600	2,602	2,605
620.5	2,556	2,559	2,561	2,564	2,566	2,569	2,572	2,574	2,577	2,579
620.4	2,531	2,533	2,536	2,538	2,541	2,543	2,546	2,548	2,551	2,554
620.3	2,505	2,507	2,510	2,513	2,515	2,518	2,520	2,523	2,525	2,528
620.2	2,479	2,482	2,484	2,487	2,490	2,492	2,495	2,497	2,500	2,502
620.1	2,454	2,456	2,459	2,461	2,464	2,466	2,469	2,472	2,474	2,477
620.0	2,428	2,431	2,433	2,436	2,438	2,441	2,443	2,446	2,448	2,451
619.9	2,403	2,405	2,408	2,410	2,413	2,415	2,418	2,420	2,423	2,425
619.8	2,378	2,380	2,383	2,385	2,388	2,390	2,393	2,395	2,398	2,400
619.7	2,353	2,355	2,358	2,360	2,363	2,365	2,368	2,370	2,373	2,375
619.6	2,328	2,330	2,333	2,335	2,338	2,340	2,343	2,345	2,348	2,350
619.5	2,303	2,305	2,308	2,310	2,313	2,315	2,318	2,320	2,323	2,325
619.4	2,278	2,280	2,283	2,285	2,288	2,290	2,293	2,295	2,298	2,300
619.3	2,253	2,255	2,258	2,260	2,263	2,265	2,268	2,270	2,273	2,275
619.2	2,228	2,230	2,233	2,235	2,238	2,240	2,243	2,245	2,248	2,250
619.1	2,203	2,205	2,208	2,210	2,213	2,215	2,218	2,220	2,223	2,225
619.0	2,178	2,180	2,183	2,185	2,188	2,190	2,193	2,195	2,198	2,200
618.9	2,154	2,156	2,158	2,161	2,163	2,166	2,168	2,170	2,173	2,175
618.8	2,129	2,132	2,134	2,137	2,139	2,141	2,144	2,146	2,149	2,151
618.7	2,105	2,108	2,110	2,112	2,115	2,117	2,120	2,122	2,125	2,127
618.6	2,081	2,084	2,086	2,088	2,091	2,093	2,096	2,098	2,100	2,103
618.5	2,057	2,059	2,062	2,064	2,067	2,069	2,071	2,074	2,076	2,079
618.4	2,033	2,035	2,038	2,040	2,042	2,045	2,047	2,050	2,052	2,055
618.3	2,009	2,011	2,014	2,016	2,018	2,021	2,023	2,026	2,028	2,030
618.2	1,985	1,987	1,989	1,992	1,994	1,997	1,999	2,001	2,004	2,006
618.1	1,960	1,963	1,965	1,968	1,970	1,972	1,975	1,977	1,980	1,982

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618.0	1,936	1,939	1,941	1,944	1,946	1,948	1,951	1,953	1,956	1,958
617.9	1,914	1,916	1,919	1,921	1,923	1,925	1,927	1,930	1,932	1,934
617.8	1,892	1,894	1,896	1,899	1,901	1,903	1,905	1,907	1,910	1,912
617.7	1,870	1,872	1,874	1,876	1,879	1,881	1,883	1,885	1,887	1,890
617.6	1,847	1,850	1,852	1,854	1,856	1,859	1,861	1,863	1,865	1,867
617.5	1,825	1,827	1,830	1,832	1,834	1,836	1,839	1,841	1,843	1,845
617.4	1,803	1,805	1,808	1,810	1,812	1,814	1,816	1,819	1,821	1,823
617.3	1,781	1,783	1,785	1,788	1,790	1,792	1,794	1,796	1,799	1,801
617.2	1,759	1,761	1,763	1,765	1,768	1,770	1,772	1,774	1,776	1,779
617.1	1,736	1,739	1,741	1,743	1,745	1,748	1,750	1,752	1,754	1,756
617.0	1,714	1,716	1,719	1,721	1,723	1,725	1,728	1,730	1,732	1,734
616.9	1,693	1,695	1,698	1,700	1,702	1,704	1,706	1,708	1,710	1,712
616.8	1,672	1,675	1,677	1,679	1,681	1,683	1,685	1,687	1,689	1,691
616.7	1,652	1,654	1,656	1,658	1,660	1,662	1,664	1,666	1,668	1,670
616.6	1,631	1,633	1,635	1,637	1,639	1,641	1,643	1,645	1,647	1,649
616.5	1,610	1,612	1,614	1,616	1,618	1,620	1,622	1,624	1,626	1,629
616.4	1,589	1,591	1,593	1,595	1,597	1,599	1,601	1,603	1,606	1,608
616.3	1,568	1,570	1,572	1,574	1,576	1,578	1,581	1,583	1,585	1,587
616.2	1,547	1,549	1,551	1,553	1,555	1,558	1,560	1,562	1,564	1,566
616.1	1,526	1,528	1,530	1,532	1,535	1,537	1,539	1,541	1,543	1,545
616.0	1,505	1,507	1,509	1,512	1,514	1,516	1,518	1,520	1,522	1,524
615.9	1,486	1,487	1,489	1,491	1,493	1,495	1,497	1,499	1,501	1,503
615.8	1,466	1,468	1,470	1,472	1,474	1,476	1,478	1,480	1,482	1,484
615.7	1,446	1,448	1,450	1,452	1,454	1,456	1,458	1,460	1,462	1,464
615.6	1,426	1,428	1,430	1,432	1,434	1,436	1,438	1,440	1,442	1,444
615.5	1,406	1,408	1,410	1,412	1,414	1,416	1,418	1,420	1,422	1,424
615.4	1,387	1,389	1,391	1,393	1,395	1,397	1,399	1,400	1,402	1,404
615.3	1,367	1,369	1,371	1,373	1,375	1,377	1,379	1,381	1,383	1,385
615.2	1,347	1,349	1,351	1,353	1,355	1,357	1,359	1,361	1,363	1,365
615.1	1,327	1,329	1,331	1,333	1,335	1,337	1,339	1,341	1,343	1,345
615.0	1,308	1,310	1,312	1,314	1,315	1,317	1,319	1,321	1,323	1,325

Cachuma Lake NAVD 88 Datum

611.9	747	749	751	752	754	755	757	759	760	762
611.8	731	733	734	736	738	739	741	742	744	746
611.7	715	716	718	720	721	723	724	726	728	729
611.6	698	700	702	703	705	707	708	710	711	713
611.5	682	684	685	687	689	690	692	694	695	697
611.4	666	668	669	671	672	674	676	677	679	681
611.3	650	651	653	655	656	658	659	661	663	664
611.2	633	635	637	638	640	642	643	645	646	648
611.1	617	619	620	622	624	625	627	629	630	632
611.0	601	603	604	606	607	609	611	612	614	616
610.9	586	587	589	590	592	593	595	596	598	599
610.8	571	572	574	575	577	578	580	581	583	584
610.7	555	557	558	560	561	563	564	566	567	569
610.6	540	542	543	545	546	548	549	551	552	554
610.5	525	526	528	530	531	533	534	536	537	539
610.4	510	511	513	514	516	517	519	520	522	523
610.3	495	496	498	499	501	502	504	505	507	508
610.2	479	481	482	484	485	487	489	490	492	493
610.1	464	466	467	469	470	472	473	475	476	478
610.0	449	451	452	454	455	457	458	460	461	463
609.9	435	436	438	439	441	442	443	445	446	448
609.8	421	422	424	425	427	428	429	431	432	434
609.7	407	408	410	411	412	414	415	417	418	420
609.6	393	394	396	397	398	400	401	403	404	405
609.5	379	380	382	383	384	386	387	389	390	391
609.4	365	366	367	369	370	372	373	374	376	377
609.3	351	352	353	355	356	358	359	360	362	363
609.2	337	338	339	341	342	344	345	346	348	349
609.1	322	324	325	327	328	329	331	332	334	335
609.0	308	310	311	313	314	315	317	318	320	321
608.9	296	297	298	299	301	302	303	305	306	307

Cachuma Lake NAVD 88 Datum

608.8	283	284	286	287	288	289	291	292	293	294
608.7	270	272	273	274	275	277	278	279	280	282
608.6	258	259	260	261	263	264	265	266	268	269
608.5	245	246	247	249	250	251	253	254	255	256
608.4	232	233	235	236	237	239	240	241	242	244
608.3	220	221	222	223	225	226	227	228	230	231
608.2	207	208	209	211	212	213	214	216	217	218
608.1	194	195	197	198	199	200	202	203	204	206
608.0	181	183	184	185	187	188	189	190	192	193
607.9	171	172	173	174	175	176	177	178	179	180
607.8	161	162	163	164	165	166	167	168	169	170
607.7	151	152	153	154	155	156	157	158	159	160
607.6	140	141	142	143	144	145	146	147	148	149
607.5	130	131	132	133	134	135	136	137	138	139
607.4	120	121	122	123	124	125	126	127	128	129
607.3	109	110	111	112	113	114	115	116	117	119
607.2	99	100	101	102	103	104	105	106	107	108
607.1	89	90	91	92	93	94	95	96	97	98
607.0	78	79	80	81	82	83	84	86	87	88
606.9	72	72	73	74	74	75	76	76	77	78
606.8	65	65	66	67	67	68	69	69	70	71
606.7	58	59	59	60	61	61	62	63	63	64
606.6	51	52	53	53	54	55	55	56	57	57
606.5	44	45	46	46	47	48	48	49	50	50
606.4	38	38	39	40	40	41	42	42	43	44
606.3	31	32	32	33	34	34	35	36	36	37
606.2	24	25	25	26	27	27	28	29	29	30
606.1	17	18	19	19	20	21	21	22	23	23
606.0	10	11	12	13	13	14	15	15	16	17

APPENDIX A
CONTROLS

FILE: 88313381.13o OP1386604442894
NGS OPUS SOLUTION REPORT
USER: markm@wallacegroup.us
RINEX FILE: 8831338r.13o

DATE: December 09, 2013
TIME: 15:55:07 UTC

SOFTWARE: 1209.04 master53.pl 072313 START: 2013112104 17:37:00
EPHEMERIS: lgr17693.eph [rapid] STOP: 2013112104 22:55:00
NAV FILE: brdc3380.13n OBS USED: 13523 I 14146 : 96%
ANT NAME: TRMR8_GNSS3 NONE #FIXED AMB: 54 I 62 : 87% ARP HEIGHT:
1.7587 OVERALL RMS: 0.014(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2013.9256)

X: -2625058.521(m) 0.016(m) Y: -4554522.710(m) 0.030(m)
Z: 3600162.694(m) 0.021(m)

-2625059.407(m) 0.016(m)
-4554521.284(m) 0.030(m)
3600162.705(m) 0.021(m)

LAT: 34 35 5.71105 0.014(m) 34 35 5.72595 0.014(m)
E LON: 240 2 32.78942 0.004(m) 240 2 32.73136 0.004(m)
W LO N: 119 57 27.21058 0.004(m) 119 57 27.26864 0.004(m)
EL HGT: 195.843(m) 0.039(m) 195.196(m) 0.039(m)
O RTHO HGT: 230.97 6(m) 0.070(m) [NAVD88 (Computed using GEOID12A)]

UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 0) S PC (0405 CA 5)
Northing (Y) [meters] 3831221.9 32 622092.931
Easting (X) [meters] 779069.486 18204 24.947
Convergence [degrees] 1.72808812 -1.11583163

US NATIONAL GRID DESIGNATOR: 10SGD7906931221(NAD83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DN5616	TJRN TJRN_SCGN_CS2000	CORS ARP	N342900.495 W1200757.177	19614.9
DM7527	ORES ORES_SCGN_CS1999	CORS ARP	N344420.604 W1201642.761	34031.0
DM7560	P521MCPHERSON	CS2008	CORS ARP	N345318.829 W1194855.228 36152.2

NEAREST NGS PUBLISHED CONTROL POINT
EW8167 TEQUEPIS N343449.043 W1195726.075 516.2

BASE STATION INFORMATION

STATION NAME: tjrn a 1(TJRN_SCGN_CS2000; Tajiguas,California USA) MONUMENT:
49708M001

XYZ -2642144.1821 -4551973.7119 3590869.9006 MON@ 2005.0000 (M) XYZ -0.0309
0.0309 0.0162 VEL (M/YR)

NEU -0.0000 0.0000 0.0083 MON TO ARP (M)

NEU 0.0007 -0.0003 0.0893 ARP TO L1PHASE CENTER (M) NEU -
0.0002 -0.0004 0.1179 ARP TO L2 PHASE CENTER (M)

XYZ -2642144.4983 -4551973.5052 3590870.1010 L1PHS CEN @ 2013.9256

XYZ -0.0000 0.0000 -0.0000 + XYZ ADJUSTMENTS

XYZ -2642144.4983 -4551973.5052 3590870.1010 NEW L1PHS CEN@ 2013.9256

XYZ -2642144.4613 -4551973.4420 3590870.0499 NEW ARP@ 2013.9256

XYZ -2642144.4579 -4551973.4361 3590870.0452 NEW MON@ 2013.9256

LLH 34 29 0.51047 239 52 2.76422 157.2614 NEW L1PHS CEN@ 2013.9256

LLH 34 29 0.51045 239 52 2.76423 157.1721 NEW ARP@ 2013.9256

LLH 34 29 0.51045 239 52 2.76423 157.1638 NEW MON@ 2013.9256

STATION NAME: ores a 1(ORES_SCGN_CS1999; Los Alamos, California USA)

MONUMENT: 49900M001

XYZ -2645608.7205 -4531308.9113 3614198.0781 MON@ 2005.0000 (M)

XYZ -0.0292 0.0312 0.0176 VEL (M/YR)

NEU -0.0000 0.0000 0.0083 MON TO ARP (M)

NEU 0.0007 -0.0003 0.0892 ARP TO L1PHASE CENTER (M) NEU -

0.0002 -0.0004 0.1179 ARP TO L2 PHASE CENTER (M)

XYZ -2645609.0215 -4531308.7016 3614198.2913 L1PHS CEN@ 2013.9256

XYZ 0.0000 -0.0000 -0.0000 + XYZ ADJUSTMENTS

XYZ -2645609.0215 -4531308.7016 3614198.2913 NEW L1PHS CEN@ 2013.9256

XYZ -2645608.9845 -4531308.6388 3614198.2399 NEW ARP@ 2013.9256

XYZ -2645608.9811 -4531308.6329 3614198.2351 NEW MON@ 2013.9256

LLH 34 44 20.61995 239 4317.18002 143.8918 NEW L1PHS CEN@ 2013.9256

LLH 34 44 20.61993 239 4317.18003 143.8025 NEW ARP@ 2013.9256

LLH 34 44 20.61993 239 4317.18003 143.7942 NEW MON@ 2013.9256

STATION NAME: p521 a 1(McPherson_CS2008; New Cuyama, CA USA)

XYZ -2604820.1163 -4545446.7691 3628711.0816 L1PHS CEN@ 2013.9256

XYZ 0.0000 -0.0000 0.0000 + XYZ ADJUSTMENTS

XYZ -2604820.1163 -4545446.7692 3628711.0816 NEW L1PHS CEN@ 2013.9256

XYZ -2604820.0822 -4545446.7082 3628711.0314 NEW ARP@ 2013.9256

XYZ -2604820.0788 -4545446.7023 3628711.0267 NEW MON@ 2013.9256

LLH 34 5318.84435 240 11 4.71332 1709.1567 NEW L1PHS CEN@ 2013.9256

LLH 34 5318.84432 240 11 4.71329 1709.0707 NEW ARP@ 2013.9256

LLH 34 5318.84432 240 11 4.71329 1709.0624 NEW MON@ 2013.9256

BASELINE NAME: tjrn 8831

XYZ -0.0755 -0.0269 -0.0312 + XYZ ADJUSTMENTS

XYZ -2625060.1674 -4554522.6066 3600163.7472 NEW L1PHS CEN@ 2013.9256

XYZ -2625060.1325 -4554522.5469 3600163.6984 NEW ARP@ 2013.9256

XYZ -2625059.4095 -4554521.2917 3600162.7008 NEW MON@ 2013.9256

LLH 34 35 5.72569 240 2 32.73142 197.0436 NEW L1PHS CEN@ 2013.9256

LLH 34 35 5.72566 240 2 32.73144 196.9589 NEW ARP@ 2013.9256
LLH 34 35 5.72569 240 2 32.73142 195.2002 NEW MON@ 2013.9256

BASELINE NAME: ores 8831

XYZ -0.0800 -0.0296 -0.0144 + XYZ ADJUSTMENTS
XYZ -2625060.1718 -4554522.6093 3600163.7640 NEW L1PHS CEN@ 2013.9256
XYZ -2625060.1369 -4554522.5495 3600163.7151 NEW ARP@ 2013.9256
XYZ -2625059.4140 -4554521.2944 3600162.7176 NEW MON@ 2013.9256
LLH 34 35 5.72606 240 2 32.73132 197.0569 NEW L1PHS CEN@ 2013.9256
LLH 34 35 5.72603 240 2 32.73134 196.9722 NEW ARP@ 2013.9256
LLH 34 35 5.72606 240 2 32.73132 195.2135 NEW MON@ 2013.9256

BASELINE NAME: p521 8831

XYZ -0.0641 0.0002 -0.0349 + XYZ ADJUSTMENTS
XYZ -2625060.1559 -4554522.5795 3600163.7435 NEW L1PHS CEN@ 2013.9256
XYZ -2625060.1210 -4554522.5198 3600163.6947 NEW ARP@ 2013.9256

XYZ -262SOS9.3981 -4SS4S21.2646 3600162.6971 NEW MON@ 2013.92S6
LLH 34 3S S.72613 240 2 32.73128 197.017S NEW L1PHS CEN@ 2013.92S6
LLH 34 3S S.72610 240 2 32.73130 196.9328 NEW ARP@ 2013.92S6
LLH 34 3S S.72613 240 2 32.73128 19S.1741 NEW MON@ 2013.92S6
G-FILES Axx201312 4 1312 4
B201312 41736 1312 422SS 1pageS v1209.041GS 12612 27NGS 201312 91FDOPX
IIGS08 17S8 IGS 2013091S
C00090002 -1708S0483 10 2S478SS6 16 -92926SS7 12 X3383A8831X3383ATJRN
0 1 2 8716662 1 3-7969272 2 3-9317S70

Axx201312 4 1312 4
B201312 41736 1312 422SS 1pageS v1209.041GS 12612 27NGS 201312 91FDOPX
IIGS08 17S8 IGS 2013091S
C00090001-20S49S671 17 23212661S 32 1403SS17S 21X3383A8831X3383AORES
0 1 2 82869S3 1 3-92323SS 2 3-9044428
Axx201312 4 1312 4
B201312 41736 1312 422SS 1pageS v1209.041GS 12612 27NGS 201312 91FDOPX
IIGS08_17S8 IGS 2013091S
C00090004 202393192 8 9074S624 12 28S483296 10 X3383A8831X3383APS21
0 1 2 914S2SS 1 3-7736420 2 3-8777640

Covariance Matrix for the xyz OPUS Position (meters"2).

0.0000011844 0.0000001754 -0.0000001304
0.0000001754 0.0000035644 -0.0000002258
-0.0000001304 -0.0000002258 0.0000018000

Covariance Matrix for the enu OPUS Position (meters"2).

0.0000016261 -0.0000005324 0.0000007768
-0.0000005324 0.0000019792 -0.0000005224
0.0000007768 -0.0000005224 0.0000029436

Horizontal network accuracy= 0.00333 meters. Vertical network accuracy = 0.00336 meters.

Derivation of NAD 83 vector components

Position of reference station ARP in NAD_83(2011)(EPOCH:2010.0000).

Xa(m) Ya(m) Za(m)

TJRN -2642143.57126 -4551974.86991 3590870.04013 2010.00

ORES -2645608.09987 -4531310.06463 3614198.22205 2010.00

P521 -2604819.20008 -4545448.12402 3628711.02544 2010.00

Position of reference station monument in NAD_83(2011)(EPOCH:2010.0000).

Xr(m) Yr(m) Zr(m)

TJRN -2642143.56786 -4551974.86401 3590870.03543 2010.00

ORES -2645608.09647 -4531310.05873 3614198.21735 2010.00

P521 -2604819.19668 -4545448.11812 3628711.02074 2010.00

Velocity of reference station monument in NAD_83(2011)(EPOCH:2010.0000).

Vx (m/yr) Vy (m/yr) Vz (m/yr)

TJRN -0.03090 0.03090 0.01620

ORES -0.02920 0.03120 0.01760

P521 -0.01330 0.02900 0.02430

Vectors from unknown station monument to reference station monument in NAD_83(2011)(EPOCH:2010.0000).

Xr-X= DX(m) Yr-Y= DY(m) Zr-Z= DZ(m)

TJRN -17085.04686 2547.84599 -9292.65857 2010.00

ORES -20549.57547 23212.65127 14035.52335 2010.00

P521 20239.32432 9074.59188 28548.32674 2010.00

STATE PLANE COORDINATES- U.S. Survey Foot

SPC (0405 CA 5) Point 20

Northing (Y) [feet] 2040983.224

Easting (X) [feet] 5972510.847

Converge nee [degrees] -1.11583163

Point Scale 0.99992631

Combined Factor 0.99989557

FILE: 88313392.13o OP1386604599703
NGS OPUS SOLUTION REPORT

=====

USER: markm@wallacegroup.us DATE: December 09, 2013
RINEX FILE: 8831339v.13o TIME: 15:57:07 UTC

SOFTWARE: 1209.04 master53.pl 072313 START: 2013/12/05 21:41:00
EPHEMERIS: igr17694.eph [rapid] STOP: 2013/12/06 00:02:00
NAV FILE: brdc3390.13n OBS USED: 6882 / 7317 : 94%
ANT NAME: TRMR8_GNSS3 NONE # FIXED AMB: 39 / 42 : 93% ARP HEIGHT:
1.7435 OVERALL RMS: 0.015(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2013.9286) X: -
2620323.239(m) 0.036(m) -2620324.129(m) 0.036(m)
Y: -4559273.866(m) 0.027(m) -4559272.442(m) 0.027(m) Z: 3597644.486(m)
0.021(m) 3597644.491(m) 0.021(m)

LAT: 34 33 26.09215 0.006(m) 34 33 26.10684 0.006(m)
E LON: 240 6 46.77194 0.020(m) 240 6 46.71384 0.020(m)
W LON: 119 53 13.22806 0.020(m) 119 53 13.28616 0.020(m) EL HGT:
212.677(m) 0.042(m) 212.028(m) 0.042(m)
ORTHO HGT: 247.660(m) 0.075(m) [NAVD88 (Computed using GEOID12A)]
UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 11) SPC (0405 CA 5)
Northing (Y) [meters] 3827732.776 618900.205
Easting (X) [meters] 235104.340 1826838.464
Convergence [degrees] -1.63854909 -1.07561689

Point Scale 1.00046499 0.99992782
Combined Factor 1.00043159 0.99989444

US NATIONAL GRID DESIGNATOR: 11SKU3510427732(NAD 83)
BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DN5616	TJRN TJRN_SCGN_CS2000 CORS ARP	N342900.495	W1200757.177	23985.3
DL7686	COPR COPR_SCGN_CS2001 CORS ARP	N342453.655	W1195246.242	15807.3
DN5630	CSST CSST_SCGN_CS2000 CORS ARP	N342429.113	W1192216.450	50185.8

NEAREST NGS PUBLISHED CONTROL POINT
EW3913 S 1043 N343304. W1195301. 750.8

BASE STATION INFORMATION

STATION NAME: tjrn a 1 (TJRN_SCGN_CS2000; Tajiguas, California USA) MONUMENT:
49708M001
XYZ -2642144.1821 -4551973.7119 3590869.9006 MON @ 2005.0000 (M) XYZ -0.0309
0.0309 0.0162 VEL (M/YR)
NEU -0.0000 0.0000 0.0083 MON TO ARP (M)
NEU 0.0007 -0.0003 0.0892 ARP TO L1 PHASE CENTER (M)
NEU -0.0002 -0.0004 0.1178 ARP TO L2 PHASE CENTER (M) XYZ -0.2759

0.2759 0.1446 VEL TIMES 8.9282 YRS
 XYZ -0.0034 -0.0059 0.0047 MON TO ARP
 XYZ -0.0370 -0.0632 0.0511 ARP TO L1 PHASE CENTER
 XYZ -2642144.4984 -4551973.5051 3590870.1010 L1 PHS CEN @ 2013.9286
 XYZ -0.0000 -0.0000 -0.0000 + XYZ ADJUSTMENTS
 XYZ -2642144.4984 -4551973.5051 3590870.1010 NEW L1 PHS CEN @ 2013.9286
 XYZ -2642144.4614 -4551973.4419 3590870.0499 NEW ARP @ 2013.9286
 XYZ -2642144.4580 -4551973.4360 3590870.0452 NEW MON @ 2013.9286
 LLH 34 29 0.51048 239 52 2.76422 157.2614 NEW L1 PHS CEN @ 2013.9286
 LLH 34 29 0.51045 239 52 2.76423 157.1721 NEW ARP @ 2013.9286
 LLH 34 29 0.51045 239 52 2.76423 157.1638 NEW MON @ 2013.9286

STATION NAME: copr a 1 (COPR_SCGN_CS2001; Isla Vista, California USA) MONUMENT:
 49700M001

XYZ -2624084.9656 -4567199.8840 3584495.7619 MON @ 2005.0000 (M) XYZ -0.0306
 0.0301 0.0159 VEL (M/YR)
 NEU -0.0000 0.0000 0.0083 MON TO ARP (M)
 NEU 0.0007 -0.0003 0.0892 ARP TO L1 PHASE CENTER (M)
 NEU -0.0002 -0.0004 0.1178 ARP TO L2 PHASE CENTER (M) XYZ -0.2734
 0.2692 0.1419 VEL TIMES 8.9282 YRS
 XYZ -0.0034 -0.0059 0.0047 MON TO ARP
 XYZ -0.0367 -0.0634 0.0510 ARP TO L1 PHASE CENTER
 XYZ -2624085.2791 -4567199.6841 3584495.9595 L1 PHS CEN @ 2013.9286
 XYZ -0.0000 0.0000 0.0000 + XYZ ADJUSTMENTS
 XYZ -2624085.2792 -4567199.6841 3584495.9595 NEW L1 PHS CEN @ 2013.9286
 XYZ -2624085.2424 -4567199.6207 3584495.9085 NEW ARP @ 2013.9286
 XYZ -2624085.2390 -4567199.6148 3584495.9038 NEW MON @ 2013.9286
 LLH 34 24 53.67014 240 7 13.69922 -22.7587 NEW L1 PHS CEN @ 2013.9286
 LLH 34 24 53.67011 240 7 13.69923 -22.8479 NEW ARP @ 2013.9286
 LLH 34 24 53.67011 240 7 13.69923 -22.8562 NEW MON @ 2013.9286

STATION NAME: csst a 1 (CSST_SCGN_CS2000; Casitas Springs, California USA)
 MONUMENT: 49740M001

XYZ -2583750.8394 -4590804.0430 3583976.6288 MON @ 2005.0000 (M) XYZ -0.0303
 0.0281 0.0140 VEL (M/YR)
 NEU -0.0000 0.0000 0.0083 MON TO ARP (M)
 NEU 0.0007 -0.0003 0.0892 ARP TO L1 PHASE CENTER (M) NEU -0.0002
 -0.0004 0.1179 ARP TO L2 PHASE CENTER (M) XYZ -0.2705 0.2509 0.1250
 VEL TIMES 8.9282 YRS
 XYZ -0.0034 -0.0060 0.0047 MON TO ARP
 XYZ -0.0362 -0.0637 0.0510 ARP TO L1 PHASE CENTER
 XYZ -2583751.1495 -4590803.8618 3583976.8095 L1 PHS CEN @ 2013.9286
 XYZ 0.0000 0.0000 0.0000 + XYZ ADJUSTMENTS
 XYZ -2583751.1495 -4590803.8618 3583976.8095 NEW L1 PHS CEN @ 2013.9286
 XYZ -2583751.1133 -4590803.7981 3583976.7585 NEW ARP @ 2013.9286
 XYZ -2583751.1100 -4590803.7921 3583976.7539 NEW MON @ 2013.9286
 LLH 34 24 29.12811 240 37 43.49221 162.5966 NEW L1 PHS CEN @ 2013.9286
 LLH 34 24 29.12808 240 37 43.49222 162.5073 NEW ARP @ 2013.9286
 LLH 34 24 29.12808 240 37 43.49222 162.4990 NEW MON @ 2013.9286
 REMOTE STATION INFORMATION STATION NAME: 8831 1

MONUMENT: NO DOMES NUMBER

XYZ -2620324.0221 -4559272.3753 3597644.4657 MON @ 2013.9285 (M) NEU -0.0009
0.0004 1.7435 MON TO ARP (M)
NEU 0.0009 -0.0004 0.0847 ARP TO L1 PHASE CENTER (M) NEU -0.0009
-0.0004 0.0734 ARP TO L2 PHASE CENTER (M) XYZ -0.7154 -1.2456 0.9882
MON TO ARP
XYZ -0.0348 -0.0598 0.0488 ARP TO L1 PHASE CENTER
XYZ -2620324.7723 -4559273.6807 3597645.5027 L1 PHS CEN @ 2013.9286

BASELINE NAME: tjrn 8831

XYZ -0.1283 -0.0823 0.0382 + XYZ ADJUSTMENTS
XYZ -2620324.9007 -4559273.7630 3597645.5409 NEW L1 PHS CEN @ 2013.9286
XYZ -2620324.8659 -4559273.7032 3597645.4921 NEW ARP @ 2013.9286
XYZ -2620324.1504 -4559272.4576 3597644.5039 NEW MON @ 2013.9286
LLH 34 33 26.10674 240 6 46.71341 213.8835 NEW L1 PHS CEN @ 2013.9286
LLH 34 33 26.10671 240 6 46.71343 213.7988 NEW ARP @ 2013.9286
LLH 34 33 26.10674 240 6 46.71341 212.0553 NEW MON @ 2013.9286

BASELINE NAME: copr 8831

XYZ -0.1002 -0.0558 0.0172 + XYZ ADJUSTMENTS
XYZ -2620324.8726 -4559273.7365 3597645.5199 NEW L1 PHS CEN @ 2013.9286
XYZ -2620324.8378 -4559273.6767 3597645.4711 NEW ARP @ 2013.9286
XYZ -2620324.1223 -4559272.4311 3597644.4829 NEW MON @ 2013.9286
LLH 34 33 26.10686 240 6 46.71385 213.8411 NEW L1 PHS CEN @ 2013.9286
LLH 34 33 26.10683 240 6 46.71387 213.7564 NEW ARP @ 2013.9286
LLH 34 33 26.10686 240 6 46.71385 212.0129 NEW MON @ 2013.9286

BASELINE NAME: csst 8831

XYZ -0.0928 -0.0606 0.0207 + XYZ ADJUSTMENTS
XYZ -2620324.8651 -4559273.7413 3597645.5234 NEW L1 PHS CEN @ 2013.9286
XYZ -2620324.8303 -4559273.6815 3597645.4746 NEW ARP @ 2013.9286
XYZ -2620324.1149 -4559272.4359 3597644.4864 NEW MON @ 2013.9286
LLH 34 33 26.10695 240 6 46.71420 213.8434 NEW L1 PHS CEN @ 2013.9286
LLH 34 33 26.10692 240 6 46.71422 213.7588 NEW ARP @ 2013.9286
LLH 34 33 26.10695 240 6 46.71420 212.0152 NEW MON @ 2013.9286
G-FILES Axx201312 5 1312 6
B201312 52141 1312 6 0 2 1 page5 v1209.04IGS 126 1 2 27NGS 201312 9IFDDPX
IIGS08_1758 IGS 20130915
C00090002 -218203075 15 72990216 24 -67744586 19 X3393A8831X3393ATJRN D 1 2
8486187 1 3 -8151226 2 3 -9240366

Axx201312 5 1312 6

B201312 52141 1312 6 0 2 1 page5 v1209.04IGS 126 1 2 27NGS 201312 9IFDDPX
IIGS08_1758 IGS 20130915
C00090003 -37611167 19 -79271837 29 -131485791 27 X3393A8831X3393ACOPR D 1 2
9385974 1 3 -8073134 2 3 -7339409

Axx201312 5 1312 6

B201312 52141 1312 6 0 2 1 page5 v1209.04IGS 126 1 2 27NGS 201312 9IFDDPX
IIGS08_1758 IGS 20130915

C00090005 365730049 15 -315313562 25 -136677325 18 X3393A8831X3393ACSST D 1 2
8028548 1 3 -8884077 2 3 -8686850
POST-FIT RMS BY SATELLITE VS. BASELINE OVERALL 01 03 06 11 14 15 18
19

tjrn-8831| 0.014 0.022 0.013 0.011 0.017 0.014 0.010

21 22 24 27 31 32

tjrn-8831| 0.012 0.010 0.025 0.011 0.022 0.018

Covariance Matrix for the xyz OPUS Position (meters²).

0.0000026911 0.0000003759 -0.0000002907

0.0000003759 0.0000089289 -0.0000004952

-0.0000002907 -0.0000004952 0.0000044222

Covariance Matrix for the enu OPUS Position (meters²).

0.0000039151 -0.0000014191 0.0000020650

-0.0000014191 0.0000049337 -0.0000013217

0.0000020650 -0.0000013217 0.0000071934

Horizontal network accuracy = 0.00523 meters. Vertical network accuracy = 0.00526 meters.

Derivation of NAD 83 vector components

Position of reference station ARP in NAD_83(2011)(EPOCH:2010.0000).

Xa(m) Ya(m) Za(m)

TJRN -2642143.57126 -4551974.86991 3590870.04013 2010.00

COPR -2624084.35414 -4567201.04775 3584495.90193 2010.00

CSST -2583750.22758 -4590805.21913 3583976.76228 2010.00

Position of reference station monument in NAD_83(2011)(EPOCH:2010.0000).

Xr(m) Yr(m) Zr(m)

TJRN -2642143.56786 -4551974.86401 3590870.03543 2010.00

COPR -2624084.35074 -4567201.04185 3584495.89723 2010.00

CSST -2583750.22418 -4590805.21313 3583976.75758 2010.00

Velocity of reference station monument in NAD_83(2011)(EPOCH:2010.0000).

Vx (m/yr) Vy (m/yr) Vz (m/yr)

TJRN -0.03090 0.03090 0.01620

COPR -0.03060 0.03010 0.01590

CSST -0.03030 0.02810 0.01400

Vectors from unknown station monument to reference station monument in
NAD_83(2011)(EPOCH:2010.0000).

Xr-X= DX(m) Yr-Y= DY(m) Zr-Z= DZ(m)

TJRN -21820.32886 7299.00199 -6774.45057 2010.00

COPR -3761.11174 -7927.17585 -13148.58877 2010.00

CSST 36573.01482 -31531.34713 -13667.72842 2010.00

STATE PLANE COORDINATES - U.S. Survey Foot

SPC (0405 CA 5)	Point 35
Northing (Y) [feet]	2030508.423
Easting (X) [feet]	5993552.527
Convergence [degrees]	-1.07561689
Point Scale	0.99992782
Combined Factor	0.99989444