

County of Orange - OC Public Works - OC Survey - Geospatial/Geodetic Unit
Prado Basin GPS Static Survey 2015

	CCS27, ZONE VI (NAD27)				CCS83, ZONE VI (NAD83)					REDUCTION FACTORS		
Station	Latitude	Longitude	North	East	Latitude	Longitude	North	East	Ellip Ht	Scale	Elevation	Combined
0635	33-57-32.81153	117-37-11.12385	654908.700	1584894.699	33-57-32.81082	117-37-11.12180	2295353.810	6146302.376	487.908	1.00001354	0.99997665	0.99999019
0639	33-57-38.86409	117-34-09.93816	655323.759	1600163.381	33-57-38.86351	117-34-09.93586	2295768.807	6161571.165	508.060	1.00001386	0.99997569	0.99998955
0650	33-55-28.64220	117-38-11.35115	642424.861	1579654.915	33-55-28.64149	117-38-11.34920	2282869.897	6141062.618	425.956	1.00000716	0.99997962	0.99998678
0668	33-53-21.67539	117-37-52.64223	629570.460	1581061.260	33-53-21.67468	117-37-52.64030	2270015.382	6142469.034	419.081	1.00000101	0.99997995	0.99998096
0693	33-56-43.14809	117-39-08.34015	650019.979	1574954.292	33-56-43.14721	117-39-08.33823	2290465.084	6136361.927	424.822	1.00001094	0.99997967	0.99999062
1113	33-56-45.78106	117-37-43.41489	650190.739	1582112.006	33-56-45.78038	117-37-43.41278	2290635.827	6143519.696	455.135	1.00001108	0.99997822	0.99998930
1137	33-55-27.71253	117-35-17.06353	642139.087	1594339.431	33-55-27.71188	117-35-17.06138	2282584.045	6155747.233	464.687	1.00000711	0.99997777	0.99998488
601-40-69	33-53-21.73651	117-35-29.92634	629419.614	1593091.665	33-53-21.73581	117-35-29.92429	2269864.463	6154499.516	495.157	1.00000101	0.99997631	0.99997732
CNPP	33-51-27.44667	117-36-32.04847	617935.373	1587704.410	33-51-27.44597	117-36-32.04642	2258380.156	6149112.289	985.278	0.99999580	0.99995286	0.99994866
NOCO	33-55-10.92113	117-34-10.42885	640370.305	1599932.714	33-55-10.92042	117-34-10.42680	2280815.209	6161340.548	612.898	1.00000628	0.99997067	0.99997695
PB-16-15	33-57-12.77169	117-39-00.68587	653005.632	1575639.325	33-57-12.77099	117-39-00.68381	2293450.775	6137046.960	448.533	1.00001249	0.99997854	0.99999102
PB-22-15	33-56-52.96019	117-35-35.88437	650776.215	1592864.614	33-56-52.95949	117-35-35.88231	2291221.248	6154272.358	470.612	1.00001145	0.99997748	0.99998893
PB-31-15	33-57-06.05337	117-33-42.55066	651978.156	1602428.398	33-57-06.05267	117-33-42.54861	2292423.150	6163836.190	481.520	1.00001213	0.99997696	0.99998909
PB-9-15	33-58-35.53299	117-41-19.51291	661530.194	1564061.025	33-58-35.53229	117-41-19.51086	2301975.462	6125468.550	482.752	1.00001690	0.99997690	0.99999380
PRADO-88-11	33-57-10.44178	117-37-59.12460	652700.939	1580821.693	33-57-10.44108	117-37-59.12255	2293146.052	6142229.359	462.046	1.00001236	0.99997789	0.99999026
PRADO-88-33	33-55-50.87744	117-34-43.87105	644444.814	1597166.149	33-55-50.87674	117-34-43.86900	2284889.769	6158573.948	498.240	1.00000828	0.99997616	0.99998444
PRADO-88-4	33-54-53.37964	117-35-16.83078	638668.522	1594314.490	33-54-53.37894	117-35-16.82872	2279113.444	6155722.302	458.680	1.00000541	0.99997805	0.99998347
SPILLWAY	33-53-18.42374	117-38-03.68897	629254.139	1580125.706	33-53-18.42304	117-38-03.68692	2269699.065	6141533.486	431.624	1.00000086	0.99997935	0.99998021
SR-06-97	33-55-52.49132	117-39-30.04094	644924.313	1573057.006	33-55-52.49061	117-39-30.03889	2285369.405	6134464.668	478.405	1.00000836	0.99997711	0.99998547
TWMS	33-58-20.80652	117-43-31.81333	660197.313	1552898.926	33-58-20.80581	117-43-31.81129	2300642.627	6114306.394	682.685	1.00001610	0.99996734	0.99998344
								Prado Basin Area (Entire) Factor:		1.00000861	0.99997566	0.99998427
Horizontal Datum = CCS27 & CCS83, Zone VI, Prado Dam Basin 1988 Adjustment												
U.S. Survey Foot												

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<u>Station</u>	<u>Monument Descriptions</u>
0635	Fd 2" IP w/ PK Nail & OCS Brass tag "PBA-084 1989"
0639	Fd 2" IP w/ PK Nail & OCS Brass tag "PBA-078 1989"
0650	Fd 2" IP w/ PK Nail & OCS Brass tag "PBA-047 1989"
0668	Fd 2" IP w/ PK Nail & OCS Brass tag "PBA-012 1989"
0693	Fd 2" IP w/ PK Nail & OCS Brass tag "PBA-069 1989"
1113	Fd 2" SB CO Brass Cap "1979 T2S R7W S32/S33 S5/S4 T3SR7W"
1137	Fd PK Nail & OCS Brass Tag "PBA-056 1989"
601-40-69	Fd 2" Brass Disk "601-40-69"
CNPP	CSRC CGPS Station
NOCO	CSRC CGPS Station
PB-16-15	Fd OCS 4" Alumimun Benchmark Disk "PB-16-15"
PB-22-15	Fd OCS 4" Alumimun Benchmark Disk "PB-22-15"
PB-31-15	Fd OCS 4" Alumimun Benchmark Disk "PB-31-15"
PB-9-15	Fd OCS 4" Alumimun Benchmark Disk "PB-9-15"
PRADO-88-11	Fd OCS 3 3/4" Alumimun Benchmark Disk "PRADO-88-11"
PRADO-88-33	Fd OCS 3 3/4" Alumimun Benchmark Disk "PRADO-88-33"
PRADO-88-4	Fd OCS 3 3/4" Alumimun Benchmark Disk "PRADO-88-4"
SPILLWAY	Fd Lead & Tack
SR-06-97	Fd OCS 3 3/4" Alumimun Benchmark Disk "SR-6-97"
TWMS	CSRC CGPS Station