CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mn	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
7ODM	Seven Oaks Dam	-2407751.2186	-4706536.4511	3557571.5193	0.0037	0.0047	0.0044	34	6	59.069828	-117	5	35.507801	762.0705	2.25	2.26	6.64	2.43	3.52	5.87	6.67	-27.42	0.96	0.25	0.37	0.59	-2407750.3425	-4706537.7703	3557571.6600	34	6	59.059498	-117	5	35.453926	762.792	17.87	-14.02	-0.12		2001.3000	2017.8233	Yes	-31.761	794.553	7ODM
ACSB	AlisoCreekCA2013	-2460183.6856	-4737087.3940	3479422.7625	0.0032	0.0040	0.0038	33	16	27.355594	-117	26	41.613594	-12.3077	2.11	2.07	5.60	0.99	0.67	2.77	18.82	-38.85	-0.53	0.37	0.12	0.71	-2460182.8133	-4737088.7209	3479422.9088	33	16	27.345757	-117	26	41.560049	-11.579	30.14	-25.72	-1.60		2013.9219	2017.8233	Yes	-34.664	23.085	ACSB
AGMT	AGMT_SCGN_CS1999	-2339956.5045	-4707748.7170	3601666.0561	0.0028	0.0037	0.0034	34	35	39.413446	-116	25	45.771267	1337.8294	1.70	1.84	5.18	0.73	0.89	2.94	-2.46	-19.11	-0.01	0.04	0.04	0.16	-2339955.6272	-4707750.0339	3601666.1950	34	35	39.402629	-116	25	45.717445	1338.558	8.51	-5.50	-1.10	0.122	1999.9712	2017.8233	Yes	-31.133	1369.691	AGMT
ALAM	Alamo	-2158287.7199	-4595239.5310	3849706.6543	0.0029	0.0038	0.0035	37	21	28.646588	-115	9	30.458085	1090.0183	1.76	1.93	5.31	0.82	0.87	3.42	-8.97	-15.73	-0.13	0.08	0.06	0.33	-2158286.8295	-4595240.8243	3849706.7729	37	21	28.634060	-115	9	30.403001	1090.720	1.57	-1.23	-1.26		1999.4479	2010.8507	No	-25.546	1116.266	ALAM
ALPP	Alamo Power Plan	-2517070.0602	-4598512.7503	3622424.6174	0.0034	0.0043	0.0040	34	49	28.168844	-118	41	41.289812	918.0955	2.11	2.15	6.07	2.08	1.96	4.41	6.48	-27.92	1.14	0.12	0.10	0.20	-2517069.1766	-4598514.0554	3622424.7470	34	49	28.158950	-118	41	41.234660	918.761	18.26	-14.53	0.02	0.186	2001.5986	2017.8233	Yes	-31.894	950.655	ALPP
ALTH	Althea--Bureau o	-2605214.3824	-4392960.3519	3807612.9465	0.0036	0.0045	0.0042	36	53	22.581323	-120	40	11.148737	18.4824	2.22	2.24	6.40	2.10	3.51	23.08	-0.52	-18.76	-38.33	0.59	1.04	6.82	-2605213.4828	-4392961.6281	3807613.0516	36	53	22.571614	-120	40	11.091199	19.056	11.97	-5.11	-39.52		2010.7384	2017.8233	Yes	-33.496	52.552	ALTH
ANA1	ANA1_SCGN_CS2002	-2595092.5575	-4612420.1557	3547839.0270	0.0033	0.0041	0.0039	34	0	54.025657	-119	21	48.505400	22.4266	2.14	2.10	5.89	4.14	1.61	7.24	21.36	-40.99	-0.48	0.47	0.16	0.74	-2595091.6768	-4612421.4666	3547839.1608	34	0	54.016357	-119	21	48.450432	23.091	33.36	-27.90	-1.59	0.302	2002.3575	2017.8233	Yes	-36.55	59.641	ANA1
AOA1	Allen Osborne an	-2547880.5157	-4628773.2843	3561050.2337	0.0039	0.0051	0.0044	34	9	26.803194	-118	49	49.157603	246.5547	2.00	2.13	7.21	1.14	0.99	3.57	19.05	-39.55	0.39	0.14	0.08	0.31	-2547879.6354	-4628774.5959	3561050.3683	34	9	26.793609	-118	49	49.102808	247.230	30.87	-26.35	-0.72	0.290	1994.6616	2006.9712	No	-35.006	282.236	AOA1
AR27	Area_27_CPCA2013	-2448387.8750	-4738604.1223	3485711.6531	0.0031	0.0039	0.0037	33	20	30.656792	-117	19	29.756273	32.3034	2.09	2.06	5.47	1.00	0.65	2.81	18.26	-38.27	-0.16	0.37	0.04	0.69	-2448387.0026	-4738605.4490	3485711.7993	33	20	30.646876	-117	19	29.702751	33.034	29.54	-25.11	-1.23		2013.9301	2017.8233	Yes	-33.801	66.835	AR27
AR53	Area_53_CPCA2013	-2459839.9162	-4730042.8278	3489394.3090	0.0031	0.0040	0.0037	33	22	52.089070	-117	28	35.424560	111.0374	2.09	2.08	5.53	1.08	0.77	3.10	18.56	-38.26	-0.23	0.43	0.12	0.73	-2459839.0433	-4730044.1534	3489394.4543	33	22	52.079203	-117	28	35.370935	111.763	29.89	-25.11	-1.30		2013.9247	2017.8233	Yes	-34.199	145.962	AR53
ARGU	Argus Range	-2386308.9100	-4579772.9480	3733733.7800	0.0045	0.0057	0.0052	36	3	0.037525	-117	31	19.005995	1791.3402	2.36	2.71	8.18	0.96	1.19	3.51	-3.58	-19.29	-0.29	0.10	0.12	0.35	-2386308.0221	-4579774.2450	3733733.9033	36	3	0.026636	-117	31	18.950608	1792.011	7.80	-5.43	-1.42	0.125	1999.2233	2011.5630	No	-28.608	1820.619	ARGU
ARM1	Arvin Maintenanc	-2522429.9022	-4567409.2794	3656177.9866	0.0033	0.0041	0.0039	35	12	4.506252	-118	54	37.534145	76.5170	2.09	2.10	5.86	4.81	5.95	28.90	-0.20	-26.47	-22.41	0.51	0.63	3.08	-2522429.0161	-4567410.5797	3656178.1123	35	12	4.496310	-118	54	37.478627	77.170	11.66	-13.01	-23.54	0.265	2000.4167	2017.8233	Yes	-33.404	110.574	ARM1
ARM2	Arvin Maintenanc	-2522440.4053	-4567402.9192	3656178.6832	0.0034	0.0043	0.0040	35	12	4.533888	-118	54	38.019160	76.5183	2.11	2.13	6.11	4.62	1.91	26.01	-0.24	-26.61	-22.53	0.51	0.18	2.86	-2522439.5191	-4567404.2196	3656178.8089	35	12	4.523946	-118	54	37.963641	77.171	11.62	-13.15	-23.66	0.265	2000.9658	2017.8233	Yes	-33.405	110.576	ARM2
ASHM	Ash Meadows	-2266246.5672	-4617948.5854	3759701.6429	0.0042	0.0054	0.0048	36	20	45.311255	-116	8	21.763138	885.7280	2.34	2.64	7.58	0.89	0.77	2.68	-8.58	-15.29	-0.12	0.20	0.12	0.41	-2266245.6805	-4617949.8852	3759701.7677	36	20	45.299596	-116	8	21.708262	886.427	2.31	-1.18	-1.24	0.117	2005.6945	2010.6507	No	-27.803	914.230	ASHM
AVRY	AVRY_SCGN_CS1998	-2402751.8528	-4684501.6460	3589896.5474	0.0033	0.0042	0.0039	34	28	5.885376	-117	9	14.308816	888.9039	2.08	2.12	5.87	2.25	3.42	4.24	3.01	-24.75	0.44	0.18	0.29	0.31	-2402750.9746	-4684502.9612	3589896.6851	34	28	5.874932	-117	9	14.254684	889.616	14.24	-11.26	-0.65		1998.9548	2017.8233	Yes	-31.477	921.093	AVRY
AZRY	Anza Gravel Exca	-2385740.6539	-4758051.9098	3504739.1210	0.0037	0.0047	0.0041	33	32	24.264347	-116	37	46.922196	1265.6981	2.20	2.34	6.44	0.98	0.99	3.27	11.94	-31.99	0.37	0.06	0.04	0.18	-2385739.7819	-4758053.2371	3504739.2679	33	32	24.254057	-116	37	46.868936	1266.443	22.97	-18.69	-0.69	0.218	1999.6425	2017.8233	Yes	-31.248	1297.691	AZRY
AZU1	Azusa	-2472979.7363	-4671337.7523	3558107.8849	0.0035	0.0046	0.0042	34	7	33.670410	-117	53	47.367371	144.7327	2.04	2.19	6.44	1.64	1.43	4.00	11.89	-35.97	-0.73	0.14	0.10	0.22	-2472978.8583	-4671339.0681	3558108.0229	34	7	33.660426	-117	53	47.313065	145.433	23.38	-22.67	-1.82	0.246	1996.5423	2017.8233	Yes	-33.634	179.067	AZU1
BALD	Bald Mountain	-2440377.2407	-4420481.4776	3888158.1437	0.0032	0.0039	0.0038	37	47	0.337894	-118	54	5.019730	2749.5636	2.04	2.05	5.63	9.23	1.49	7.35	-0.87	-19.61	3.51	1.04	0.12	0.78	-2440376.3402	-4420482.7515	3888158.2475	37	47	0.327050	-118	54	4.962375	2750.165	11.02	-5.48	2.32		2000.0287	2017.8233	Yes	-24.595	2774.760	BALD
BAR1	BAR1_SCGN_CS2002	-2584163.3478	-4656252.5116	3498534.4138	0.0037	0.0047	0.0041	33	28	49.632905	-119	1	47.065350	14.7872	2.56	2.59	6.22	0.78	1.19	3.33	22.65	-41.10	-0.97	0.06	0.10	0.24	-2584162.4708	-4656253.8296	3498534.5531	33	28	49.623664	-119	1	47.010875	15.470	34.53	-28.11	-2.06	0.309	2002.3247	2017.8233	Yes	-36.977	52.447	BAR1
BATM	Bat Mountain	-2294451.4710	-4599634.5237	3764754.6433	0.0042	0.0055	0.0050	36	24	12.441582	-116	30	41.596732	736.9724	2.31	2.58	7.84	0.98	0.82	2.91	-8.46	-15.40	-0.34	0.18	0.08	0.51	-2294450.5833	-4599635.8213	3764754.7665	36	24	12.430076	-116	30	41.541612	737.661	2.56	-1.32	-1.47		2005.7082	2010.6507	No	-28.472	766.133	BATM
BBDM	BBDM_SCGN_CS2000	-2627052.1302	-4553579.3847	3599919.4083	0.0038	0.0047	0.0044	34	34	55.919797	-119	58	53.463332	204.8691	2.17	2.18	6.84	1.55	2.67	3.63	19.85	-41.04	-0.43	0.12	0.25	0.22	-2627051.2449	-4553580.6872	3599919.5353	34	34	55.910561	-119	58	53.407709	205.506	32.07	-27.88	-1.56	0.298	2000.7117	2017.8233	Yes	-35.203	240.709	BBDM
BBRY	BBRY_SCGN_CS1998	-2386884.1567	-4708013.9489	3571866.7588	0.0038	0.0048	0.0042	34	15	51.404672	-116	53	3.279551	2051.0626	2.21	2.35	6.68	1.33	0.96	3.51	4.88	-23.67	0.77	0.08	0.04	0.18	-2386883.2802	-4708015.2673	3571866.8991	34	15	51.394197	-116	53	3.225706	2051.786	16.01	-10.20	-0.31	0.154	1998.8096	2017.8233	Yes	-29.934	2081.720	BBRY
BCWR	Bitter Creek Wil	-2571120.7851	-4561914.6257	3631398.3265	0.0035	0.0044	0.0041	34	55	13.665570	-119	24	21.070279	1332.9131	2.20	2.19	6.20	1.01	0.84	2.84	10.18	-33.63	0.44	0.08	0.06	0.20	-2571119.8993	-4561915.9269	3631398.4529	34	55	13.655961	-119	24	21.014721	1333.558	22.21	-20.30	-0.69	0.229	2000.8374	2017.8233	Yes	-32.651	1366.209	BCWR
BEAT	Beatty Wash	-2284553.6464	-4557948.9306	3821772.2380	0.0039	0.0050	0.0045	37	2	23.749363	-116	37	16.068935	1396.0463	2.22	2.42	7.07	0.69	0.69	2.39	-8.54	-15.75	-0.38	0.06	0.06	0.18	-2284552.7549	-4557950.2212	3821772.3553	37	2	23.737668	-116	37	16.013294	1396.719	2.53	-1.51	-1.52	0.117	1999.0534	2010.6507	No	-27.206	1423.925	BEAT
BEMT	BEMT_SCGN_CS2001	-2320746.3328	-4758616.0778	3547263.7622	0.0033	0.0043	0.0039	34	0	1.920591	-115	59	53.493782	1373.6373	2.07	2.13	5.95	0.68	0.86	2.68	-4.38	-16.83	-0.13	0.04	0.06	0.16	-2320745.4596	-4758617.4029	3547263.9073	34	0	1.909830	-115	59	53.440579	1374.388	6.43	-3.33	-1.20	0.116	2001.8726	2017.8233	Yes	-31.429	1405.817	BEMT
BEPK	BEPK_SCGN_CS2000	-2435855.6440	-4566920.6769	3718714.7751	0.0035	0.0045	0.0042	35	52	42.196523	-118	4	26.741293	2471.1112	2.07	2.14	6.42	0.97	1.12	3.45	-0.61	-20.76	0.59	0.08	0.08	0.24	-2435854.7560	-4566921.9734	3718714.8982	35	52	42.185960	-118	4	26.685752	2471.772	10.97	-7.01	-0.54	0.136	2000.4303	2017.8233	Yes	-28.144	2499.916	BEPK
BFLD	Bakersfield Main	-2526594.8464	-4549605.0266	3675375.7852	0.0040	0.0051	0.0047	35	24	47.103269	-119	2	43.192007	108.2724	2.46	2.50	7.26	0.96	0.81	3.60	3.67	-25.15	-2.77	1.14	0.29	3.39	-2526593.9588	-4549606.3242	3675375.9087	35	24	47.093311	-119	2	43.136279	108.917	15.58	-11.65	-3.91		2015.9164	2017.8233	Yes	-33.274	142.191	BFLD
BFSH	Bodfish Maintena	-2477807.7556	-4563941.4801	3691854.9064	0.0039	0.0051	0.0047	35	35	28.041288	-118	29	52.659995	791.7682	2.29	2.41	7.26	1.92	3.61	13.07	11.28	0.28	-0.53	1.74	3.90	14.50	-2477806.8682	-4563942.7781	3691855.0303	35	35	28.031018	-118	29	52.604422	792.424	23.00	13.90	-1.66		2015.9164	2017.8233	Yes	-30.215	822.639	BFSH
BGIS	Bell Gardens Int	-2499014.7039	-4668524.3590	3543423.8581	0.0040	0.0052	0.0044	33	58	1.629280	-118	9	34.922757	2.7688	2.18	2.33	7.22	1.56	1.26	4.59	15.81	-38.83	-2.82	0.14	0.10	0.35	-2499013.8262	-4668525.6754	3543423.9965	33	58	1.619473	-118	9	34.868416	3.465	27.39	-25.60	-3.91	0.276	1999.2671	2017.8233	Yes	-35.532	38.997	BGIS
BILL	Lake Skinner	-2420420.8564	-4737131.2544	3507827.7777	0.0031	0.0040	0.0036	33	34	41.679685	-117	3	52.573894	470.0382	1.77	1.92	5.63	1.10	1.01	3.62	14.52	-36.12	-1.96	0.08	0.06	0.25	-2420419.9833	-4737132.5796	3507827.9229	33	34	41.669562	-117	3	52.520369	470.771	25.71	-22.87	-3.03	0.250	1997.8808	2017.8233	Yes	-32.383	503.154	BILL
BKAP	BKAP_SCGN_CS2000	-2291496.2907	-4681573.3583	3664053.2510	0.0031	0.0041	0.0038	35	17	13.367926	-116	4	49.535351	252.0333	2.03	2.10	5.68	1.07	0.92	3.38	-8.86	-16.21	1.11	0.08	0.04	0.20	-2291495.4101	-4681574.6694	3664053.3849	35	17	13.356660	-116	4	49.481244	252.756	1.99	-2.38	0.01	0.120	2000.9495	2017.8233	Yes	-30.674	283.430	BKAP
BKMS	BKMS_SCGN_CS1998	-2493862.0059	-4671628.0050	3542981.3707	0.0034	0.0043	0.0039	33	57	44.134214	-118	5	40.929236	10.9885	1.97	2.05	6.03	1.74	1.34	5.70	19.49	-40.08	0.37	0.14	0.10	0.47	-2493861.1283	-4671629.3218	3542981.5094	33	57	44.124381	-118	5	40.874932	11.687	31.05	-26.85	-0.72	0.284	1998.5685	2017.8233	Yes	-35.376	47.063	BKMS
BKR1	BAKERSFIELD 1	-2540415.3645	-4562448.7584	3649920.9054	0.0036	0.0044	0.0042	35	7	56.595942	-119	6	34.132132	56.6130	2.14	2.14	6.40	5.15	3.98	27.03	2.58	-25.39	-21.07	0.86	0.67	4.49	-2540414.4783	-4562450.0586	3649921.0309	35	7	56.586115	-119	6	34.076562	57.262	14.51	-11.97	-22.20	0.243	2004.3265	2015.4342	No	-34.123	91.385	BKR1
BKR2	BAKERSFIELD 2	-2540394.1568	-4562446.4257	3649938.2632	0.0037	0.0045	0.0043	35	7	57.287286	-119	6	33.445076	56.4975	2.16	2.16	6.51	4.62	2.93	30.77	2.49	-26.46	-24.48	1.20	0.76	8.00	-2540393.2705	-4562447.7259	3649938.3888	35	7	57.277459	-119	6	33.389506	57.146	14.42	-13.04	-25.61	0.255	2004.1380	2015.4342	No	-34.123	91.269	BKR2
BLSA	Bolsa Chica Chan	-2493191.9008	-4683354.8348	3527978.6286	0.0040	0.0051	0.0045	33	47	58.361092	-118	1	43.251132	-23.1787	2.17	2.42	7.16	1.23	1.28	11.92	16.98	-38.67	-6.59	0.12	0.12	1.43	-2493191.0244	-4683356.1536	3527978.7688	33	47	58.351295	-118	1	43.196962	-22.476	28.51	-25.47	-7.68	0.277	2002.9685	2017.8233	Yes	-35.53	13.054	BLSA
BLYT	Blythe	-2223206.8910	-4830299.7890	3510587.5215	0.0035	0.0046	0.0042	33	36	37.490757	-114	42	53.469253	85.9206	2.23	2.35	6.34	1.18	1.01	4.05	-7.86	-14.34	0.07	0.08	0.04	0.20	-2223206.0226	-4830301.1238	3510587.6732	33	36	37.479597	-114	42	53.417004	86.712	2.48	-0.81	-0.97	0.106	1994.0342	2017.8233	Yes	-32.817	119.529	BLYT
BMHL	BMHL_SCGN_CS1999	-2318199.8901	-4741880.6437	3569941.9918	0.0031	0.0041	0.0038	34	15	5.199967	-116	3	10.727016	722.6335	2.00	2.06	5.69	0.69	0.94	2.82	-5.64	-14.79	0.35	0.04	0.06	0.16	-2318199.0155	-4741881.9658	3569942.1346	34	15	5.189121	-116	3	10.673615	723.378	5.19	-1.23	-0.72	0.107	1999.9603	2017.8233	Yes	-31.763	755.141	BMHL
BMRY	Beaumont Road Ya	-2403176.0637	-4719612.4357	3543453.9125	0.0035	0.0045	0.0040	33	57	45.657660	-116	59	4.944246	787.1587	1.83	2.04	6.37	0.90	1.30	3.16	9.09	-26.80	-1.02	0.12	0.20	0.33	-2403175.1886	-4719613.7571	3543454.0548	33	57	45.647346	-116	59	4.890527	787.886	20.25	-13.43	-2.10	0.345	1999.1630	2010.3356	No	-31.936	819.822	BMRY
BOMG	BOMBAY BEACH	-2314878.7897	-4803587.6531	3487757.9305	0.0038	0.0052	0.0045	33	21	52.662775	-115	43	46.943566	-84.2461	2.37	2.49	7.07	6.73	3.63	5.92	0.86	-15.75	-1.67	1.39	0.74	1.04	-2314877.9206	-4803588.9863	3487758.0814	33	21	52.652162	-115	43	46.890892	-83.475	11.56	-2.40	-2.72	0.124	2009.1603	2017.8233	Yes	-33.779	-49.696	BOMG
BRAN	Brand Basin	-2502255.0610	-4651653.8532	3563569.4249	0.0039	0.0049	0.0042	34	11	5.624336	-118	16	37.394727	246.2382	1.91	2.20	6.93	1.11	1.28	4.29	13.96	-37.47	0.31	0.06	0.06	0.24	-2502254.1819	-4651655.1668	3563569.5611	34	11	5.614497	-118	16	37.340192	246.927	25.58	-24.20	-0.79	0.262	1994.9137	2016.8101	No	-34.003	280.930	BRAN
BRIB	Briones Reservoi	-2681173.9072	-4265460.7874	3898552.5497	0.0041	0.0050	0.0046	37	55	9.859317	-122	9	9.202765	263.1638	2.03	2.05	7.34	2.38	2.29	4.87	4.70	-27.15	0.59	0.16	0.16	0.27	-2681172.9983	-4265462.0476	3898552.6401	37	55	9.850008	-122	9	9.143807	263.680	17.71	-13.46	-0.64	0.185	1993.6178	2017.8233	Yes	-32.117	295.797	BRIB
BRPK	Burnt Peak	-2512216.0605	-4612170.7991	3609922.5338	0.0034	0.0041	0.0039	34	40	56.222234	-118	34	36.516820	1729.1264	2.13	2.28	5.80	1.13	1.05	3.21	9.64	-31.08	0.75	0.08	0.06	0.22	-2512215.1779	-4612172.1061	3609922.6651	34	40	56.212345	-118	34	36.461829	1729.798	21.38	-17.71	-0.36	0.212	2000.9331	2017.8233	Yes	-32.073	1761.871	BRPK
BSRY	BSRY_SCGN_CS1998	-2378117.9482	-4664904.6330	3630818.1460	0.0033	0.0043	0.0040	34	55	7.003622	-117	0	43.183244	613.4836	2.04	2.11	6.08	0.81	0.91	2.83	0.47	-20.69	-0.70	0.06	0.06	0.14	-2378117.0678	-4664905.9441	3630818.2804	34	55	6.992932	-117	0	43.128888	614.190	11.65	-7.07	-1.80	0.129	1998.8589	2017.8233	Yes	-31.422	645.612	BSRY
BTDM	BTDM_SCGN_CS1999	-2492027.8013	-4649905.5674	3573708.9981	0.0039	0.0052	0.0047	34	17	34.104883	-118	11	17.628405	678.2446	2.15	2.36	7.32	1.52	1.46	4.11	12.10	-36.01	-0.11	0.12	0.10	0.24	-2492026.9217	-4649906.8802	3573709.1339	34	17	34.094966	-118	11	17.573850	678.934	23.69	-22.70	-1.21	0.249	2000.0724	2017.8233	Yes	-32.611	711.545	BTDM
BUEG	Buellton - FS#31	-2643087.1681	-4541933.2763	3602644.3576	0.0040	0.0048	0.0044	34	36	46.257168	-120	11	47.070859	74.7589	2.28	2.33	6.92	3.64	5.81	5.06	35.91	-47.52	-13.31	5.21	8.41	5.51	-2643086.2822	-4541934.5775	3602644.4836	34	36	46.248015	-120	11	47.015115	75.389	48.21	-34.38	-14.44		2016.0014	2017.8233	Yes	-35.64	111.029	BUEG
BULL	Bullfrog Hills	-2308137.1554	-4555161.2436	3810897.5738	0.0030	0.0039	0.0036	36	55	3.510684	-116	52	18.129517	1344.7933	1.72	1.84	5.55	1.06	0.72	2.99	-8.35	-15.92	0.04	0.10	0.04	0.22	-2308136.2641	-4555162.5344	3810897.6915	36	55	3.499156	-116	52	18.073834	1345.463	2.81	-1.75	-1.10	0.118	1999.2233	2011.2808	No	-27.318	1372.781	BULL
BUST	Busted Butte	-2279604.9514	-4582000.4276	3795378.4415	0.0027	0.0035	0.0032	36	44	43.205838	-116	27	3.397896	992.3083	1.53	1.77	4.96	0.72	0.68	2.59	-8.65	-15.68	0.07	0.08	0.04	0.24	-2279604.0619	-4582001.7219	3795378.5619	36	44	43.194172	-116	27	3.342561	992.992	2.35	-1.50	-1.06	0.118	1999.1932	2010.0644	No	-27.867	1020.859	BUST
BVPP	BVPP_SCGN_CS2000	-2558595.1448	-4550517.3749	3652217.0370	0.0036	0.0046	0.0043	35	9	26.195456	-119	20	51.035523	123.0361	2.14	2.17	6.56	0.76	1.00	3.62	3.80	-28.79	-0.40	0.06	0.08	0.27	-2558594.2579	-4550518.6739	3652217.1616	35	9	26.185728	-119	20	50.979822	123.678	15.81	-15.40	-1.54	0.190	2000.8402	2017.8233	Yes	-34.351	158.029	BVPP
CA99	Casa-1999	-2444435.5557	-4428691.3749	3875741.6946	0.0032	0.0040	0.0039	37	38	40.429327	-118	53	48.097358	2391.5428	2.06	2.06	5.73	9.17	2.91	15.78	-7.11	-24.04	1.92	1.10	0.31	1.88	-2444434.6559	-4428692.6502	3875741.7996	37	38	40.418525	-118	53	48.040109	2392.147	4.78	-9.94	0.74	0.167	2000.2746	2017.8233	Yes	-24.881	2417.028	CA99
CACT	Cactus City Comm	-2329098.0661	-4777485.1357	3514957.2130	0.0038	0.0049	0.0044	33	39	18.485990	-115	59	23.824476	518.4535	2.32	2.45	6.82	0.87	0.92	3.40	-0.81	-21.14	0.32	0.06	0.06	0.22	-2329097.1948	-4777486.4646	3514957.3608	33	39	18.475368	-115	59	23.771485	519.212	9.99	-7.74	-0.74	0.135	2000.2063	2017.8233	Yes	-32.772	551.984	CACT
CAND	CAND_SCGN_CN1999	-2619025.2710	-4458010.9739	3723079.0480	0.0032	0.0039	0.0038	35	56	21.669282	-120	26	1.316453	568.4125	2.07	2.03	5.66	1.20	1.40	3.95	7.84	-25.06	1.66	0.08	0.10	0.25	-2619024.3772	-4458012.2604	3723079.1620	35	56	21.659779	-120	26	1.259711	569.011	20.23	-11.61	0.49	0.334	1999.6342	2017.8233	Yes	-33.312	602.323	CAND
CARH	CARH_SCGN_CN2001	-2620445.7620	-4460941.1763	3718446.8611	0.0035	0.0043	0.0041	35	53	18.188679	-120	25	50.970728	480.2608	2.03	2.04	6.24	1.43	1.49	3.51	14.94	-32.43	0.39	0.14	0.14	0.25	-2620444.8685	-4460942.4634	3718446.9756	35	53	18.179192	-120	25	50.914022	480.861	27.33	-18.99	-0.77	0.462	2001.6041	2017.8233	Yes	-33.425	514.286	CARH
CARR	Carrhill	-2620447.6482	-4460941.0982	3718443.0369	0.0041	0.0049	0.0046	35	53	18.071276	-120	25	51.037144	478.7385	2.15	2.19	7.20	1.07	2.49	4.42	17.59	-34.37	0.42	0.16	0.47	0.69	-2620446.7547	-4460942.3853	3718443.1514	35	53	18.061789	-120	25	50.980438	479.338	29.98	-20.93	-0.74		1992.8429	2003.3082	No	-33.425	512.763	CARR
CASA	Mammoth Lakes La	-2444430.7857	-4428687.7673	3875747.3344	0.0038	0.0047	0.0043	37	38	40.682308	-118	53	47.998159	2390.6613	2.10	2.12	6.78	12.10	6.56	22.44	-11.97	-20.92	10.03	1.88	1.02	3.49	-2444429.8859	-4428689.0426	3875747.4394	37	38	40.671506	-118	53	47.940909	2391.265	-0.08	-6.82	8.85	0.211	1993.0589	2005.9027	No	-24.881	2416.146	CASA
CASE	CaseSpgsFSCA2013	-2452019.8952	-4729620.7335	3496631.7571	0.0033	0.0042	0.0039	33	27	19.263272	-117	24	14.346486	776.4977	2.11	2.14	5.86	1.05	0.80	2.76	18.26	-37.20	-0.42	0.43	0.20	0.78	-2452019.0220	-4729622.0586	3496631.9022	33	27	19.253348	-117	24	14.292861	777.224	29.57	-24.02	-1.49		2013.9301	2017.6534	Yes	-33.39	810.614	CASE
CAT1	Catalina	-2540622.5638	-4682554.9932	3495319.5680	0.0038	0.0048	0.0043	33	26	44.786208	-118	28	58.843323	3.8956	2.07	2.17	6.87	1.26	1.06	3.06	21.28	-40.14	-0.27	0.16	0.10	0.24	-2540621.6883	-4682556.3138	3495319.7095	33	26	44.776747	-118	28	58.789142	4.594	32.97	-27.09	-1.36	0.297	1995.4808	2008.2883	No	-36.448	41.042	CAT1
CAT2	CAT2_SCGN_CS2000	-2532494.0691	-4696708.2531	3483154.4614	0.0029	0.0037	0.0035	33	18	41.825782	-118	20	1.752225	477.2308	1.89	1.90	5.21	0.72	0.76	2.56	21.41	-40.34	-0.92	0.04	0.04	0.16	-2532493.1946	-4696709.5758	3483154.6045	33	18	41.816313	-118	20	1.698205	477.936	33.04	-27.31	-2.00	0.298	2000.4522	2017.8233	Yes	-36.369	514.305	CAT2
CAT3	CAT3_SCGN_CS2008	-2540623.1794	-4682556.5853	3495319.2449	0.0031	0.0038	0.0037	33	26	44.747171	-118	28	58.834872	5.1302	2.07	2.02	5.41	0.73	0.85	3.08	21.08	-40.12	0.36	0.08	0.06	0.33	-2540622.3038	-4682557.9060	3495319.3864	33	26	44.737709	-118	28	58.780691	5.828	32.77	-27.07	-0.73	0.306	2008.2883	2017.8233	Yes	-36.448	42.276	CAT3
CBHS	CBHS_SCGN_CS1998	-2532244.5636	-4638721.1564	3559338.0804	0.0039	0.0047	0.0043	34	8	18.825559	-118	37	47.313441	284.6041	2.12	2.21	6.82	0.79	0.76	3.55	18.10	-38.88	-0.11	0.06	0.04	0.25	-2532243.6839	-4638722.4691	3559338.2158	34	8	18.815893	-118	37	47.258758	285.285	29.85	-25.66	-1.21	0.278	1999.1274	2017.8233	Yes	-34.861	320.146	CBHS
CCCC	CCCC_SCGN_CS2000	-2412475.9370	-4600711.9517	3689538.4138	0.0034	0.0043	0.0040	35	33	55.123888	-117	40	16.228032	813.9516	2.08	2.14	6.10	0.81	1.00	3.13	-0.32	-20.35	-0.18	0.04	0.06	0.16	-2412475.0515	-4600713.2533	3689538.5407	35	33	55.113247	-117	40	16.172897	814.629	11.11	-6.63	-1.30	0.136	2000.6872	2017.8233	Yes	-30.5	845.129	CCCC
CCCO	Compton Communit	-2505860.9363	-4671217.8578	3535050.0803	0.0036	0.0043	0.0039	33	52	34.540655	-118	12	40.324564	-16.9590	1.92	2.09	6.15	0.81	2.81	5.57	18.39	-36.62	-1.84	0.08	0.33	0.65	-2505860.0590	-4671219.1750	3535050.2193	33	52	34.530906	-118	12	40.270253	-16.262	29.99	-23.42	-2.93	0.269	1999.0781	2013.4397	No	-35.852	19.590	CCCO
CCCS	Carbon Creek Con	-2477995.3163	-4687050.6153	3533832.3556	0.0033	0.0042	0.0039	33	51	45.878482	-117	51	53.807148	31.8276	2.09	2.14	5.91	2.13	2.49	5.51	15.83	-38.39	-0.83	0.20	0.22	0.45	-2477994.4398	-4687051.9341	3533832.4958	33	51	45.868589	-117	51	53.753024	32.534	27.30	-25.15	-1.92	0.267	1999.0726	2017.8233	Yes	-34.895	67.429	CCCS
CCST	Chuchupate Stati	-2543426.7781	-4585920.4041	3621150.0074	0.0038	0.0047	0.0046	34	48	22.907833	-119	0	48.492323	1578.0636	2.15	2.19	6.94	2.22	1.39	4.33	8.89	-33.19	0.80	0.27	0.10	0.37	-2543425.8939	-4585921.7080	3621150.1362	34	48	22.898092	-119	0	48.437033	1578.721	20.78	-19.84	-0.32	0.225	2000.8784	2016.4303	No	-31.133	1609.854	CCST
CDMT	CDMT_SCGN_CS2000	-2325536.5742	-4697945.7781	3622888.3340	0.0033	0.0044	0.0040	34	49	46.080357	-116	20	9.359629	936.5813	2.04	2.14	6.12	0.98	1.21	2.99	-7.25	-18.57	1.16	0.08	0.10	0.16	-2325535.6957	-4697947.0929	3622888.4712	34	49	46.069399	-116	20	9.305698	937.307	3.69	-4.89	0.07	0.124	2000.7964	2017.8233	Yes	-31.251	968.558	CDMT
CGDM	CGDM_SCGN_CS2000	-2475328.4270	-4662294.0970	3569248.6250	0.0042	0.0057	0.0051	34	14	38.376960	-117	57	53.817484	704.6920	2.39	2.49	7.99	2.40	1.71	4.58	11.04	-35.24	0.45	0.24	0.16	0.27	-2475327.5482	-4662295.4113	3569248.7618	34	14	38.366963	-117	57	53.763075	705.388	22.55	-21.91	-0.65	0.240	2000.5451	2017.8233	Yes	-32.343	737.731	CGDM
CHAB	CHAB_BARD_CN1991	-2685745.2399	-4278240.4718	3881399.6030	0.0043	0.0053	0.0047	37	43	26.819362	-122	7	9.529170	213.9444	2.11	2.18	7.75	2.18	1.26	4.99	7.43	-27.88	0.01	0.20	0.10	0.39	-2685744.3322	-4278241.7340	3881399.6953	37	43	26.810093	-122	7	9.470375	214.465	20.42	-14.23	-1.21	0.189	1992.5642	2012.9986	No	-32.319	246.784	CHAB
CHIL	Chilao	-2478003.5984	-4655348.8257	3577932.3818	0.0035	0.0044	0.0040	34	20	0.325082	-118	1	33.610076	1567.5123	2.07	2.14	6.23	1.22	1.35	4.70	10.97	-34.47	-0.07	0.06	0.08	0.22	-2478002.7191	-4655350.1387	3577932.5178	34	20	0.315082	-118	1	33.555587	1568.205	22.51	-21.12	-1.17	0.233	1994.6726	2017.8233	Yes	-31.656	1599.861	CHIL
CHLO	Chloride City	-2304646.9732	-4569254.4095	3795405.5527	0.0030	0.0039	0.0036	36	44	47.404859	-116	45	55.900675	864.2348	1.72	1.90	5.50	0.96	0.79	2.75	-8.38	-15.81	-0.05	0.10	0.06	0.22	-2304646.0831	-4569255.7026	3795405.6722	36	44	47.393342	-116	45	55.845170	864.910	2.74	-1.67	-1.19	0.119	1999.5904	2011.2781	No	-27.818	892.728	CHLO
CHMS	CHMS_SCGN_CS1999	-2452561.8180	-4646250.4615	3605554.7430	0.0034	0.0044	0.0041	34	38	25.665381	-117	49	39.735174	760.3142	2.05	2.12	6.24	2.20	2.27	5.88	5.54	-25.26	0.37	0.22	0.22	0.55	-2452560.9374	-4646251.7721	3605554.8770	34	38	25.655168	-117	49	39.680579	761.006	17.01	-11.81	-0.73		1999.6671	2017.8233	Yes	-32.102	793.108	CHMS
CHO1	Chico 1	-2589570.2577	-4198611.8457	4029540.3369	0.0039	0.0047	0.0044	39	25	57.497847	-121	39	53.875655	16.4255	2.11	2.06	6.88	1.09	1.20	3.45	-4.27	-22.45	-0.21	0.18	0.20	0.49	-2589569.3416	-4198613.0933	4029540.4157	39	25	57.487859	-121	39	53.815667	16.924	8.59	-8.32	-1.46	0.152	1999.5384	2008.0587	No	-28.236	45.160	CHO1
CHOW	Chowchilla HWY 9	-2563370.8814	-4402454.3797	3824937.1329	0.0038	0.0046	0.0043	37	5	5.463408	-120	12	37.836603	45.9705	2.15	2.18	6.71	2.27	2.49	34.55	2.93	-24.70	-95.27	0.63	0.71	10.11	-2563369.9818	-4402455.6557	3824937.2380	37	5	5.453416	-120	12	37.779130	46.552	15.26	-10.93	-96.46		2010.7932	2017.8233	Yes	-32.599	79.151	CHOW
CIRX	CIRX_SCGN_CS2000	-2558057.6813	-4626791.8673	3556788.4716	0.0036	0.0045	0.0041	34	6	34.398087	-118	56	14.278916	488.1967	2.07	2.08	6.40	0.94	0.92	3.28	19.38	-40.03	-0.18	0.06	0.06	0.22	-2558056.8010	-4626793.1790	3556788.6063	34	6	34.388568	-118	56	14.224102	488.870	31.23	-26.86	-1.29	0.291	2000.7992	2017.8233	Yes	-35.325	524.195	CIRX
CIT1	Caltech	-2491490.5339	-4660803.0201	3559129.0983	0.0034	0.0045	0.0040	34	8	12.155188	-118	7	38.240812	215.3586	1.96	2.09	6.26	1.23	1.55	3.49	13.20	-35.57	1.16	0.08	0.10	0.18	-2491489.6553	-4660804.3348	3559129.2355	34	8	12.145302	-118	7	38.186382	216.053	24.77	-22.29	0.06	0.255	1994.6671	2017.8233	Yes	-34.017	250.070	CIT1
CJMG	Cajon Mountain	-2430790.8804	-4684574.1243	3572238.2027	0.0030	0.0037	0.0036	34	16	16.302787	-117	25	28.073729	1584.4096	2.05	2.03	5.26	2.19	4.15	6.78	8.83	-25.26	-1.99	0.69	1.47	2.16	-2430790.0027	-4684575.4404	3572238.3412	34	16	16.292546	-117	25	28.019590	1585.119	20.15	-11.86	-3.08		2012.0888	2017.8233	Yes	-31.817	1616.936	CJMG
CJMS	Cajon Maintenanc	-2433803.0842	-4679401.9479	3575776.6763	0.0037	0.0047	0.0042	34	18	49.679429	-117	28	45.789883	933.3559	2.22	2.27	6.58	1.38	1.26	4.18	7.11	-28.75	0.84	0.10	0.06	0.24	-2433802.2061	-4679403.2634	3575776.8142	34	18	49.669191	-117	28	45.735681	934.063	18.45	-15.34	-0.25	0.194	1998.9548	2017.8233	Yes	-31.685	965.748	CJMS
CJVG	Casa Juvad	-2481675.6591	-4639142.3719	3595803.1038	0.0037	0.0051	0.0044	34	31	49.156429	-118	8	39.234085	1304.8561	2.19	2.46	6.95	1.58	1.67	4.48	11.64	-30.93	-0.33	0.51	0.76	1.47	-2481674.7783	-4639143.6823	3595803.2377	34	31	49.146403	-118	8	39.179406	1305.542	23.22	-17.55	-1.44		2014.2726	2017.8233	Yes	-31.904	1337.446	CJVG
CLAR	Claremont	-2458218.7293	-4680467.2431	3556758.5818	0.0033	0.0042	0.0039	34	6	35.744922	-117	42	31.728400	373.6205	2.04	2.09	5.89	1.53	1.14	4.67	11.83	-35.08	0.07	0.10	0.06	0.25	-2458217.8519	-4680468.5599	3556758.7206	34	6	35.734863	-117	42	31.674203	374.326	23.25	-21.76	-1.02	0.241	1995.2589	2017.8233	Yes	-33.189	407.515	CLAR
CLBD	CarlCannonCA2011	-2452988.0756	-4750343.7858	3466552.9804	0.0036	0.0047	0.0042	33	8	7.391645	-117	18	39.522789	20.5982	2.20	2.27	6.52	1.50	0.74	3.26	17.88	-39.22	-1.30	0.39	0.08	0.59	-2452987.2044	-4750345.1147	3466553.1283	33	8	7.381809	-117	18	39.469399	21.333	29.15	-26.12	-2.36		2011.5548	2017.8233	Yes	-34.563	55.896	CLBD
CMBB	Columbia College	-2544617.1323	-4339616.5598	3908861.1992	0.0042	0.0054	0.0051	38	2	3.034013	-120	23	9.754757	695.7225	2.22	2.39	7.89	1.74	2.29	6.34	-2.92	-22.27	0.79	0.12	0.16	0.39	-2544616.2270	-4339617.8256	3908861.2954	38	2	3.023805	-120	23	9.696483	696.281	9.49	-8.29	-0.42	0.142	1993.9384	2017.8233	Yes	-27.949	724.230	CMBB
CME1	Cape Mendocino 1	-2746197.3349	-4011270.1853	4115639.5511	0.0042	0.0049	0.0048	40	26	30.392119	-124	23	46.812390	305.4906	2.18	2.30	7.33	1.82	1.56	4.74	18.70	-20.45	-1.89	0.22	0.20	0.53	-2746196.4066	-4011271.4135	4115639.6097	40	26	30.383285	-124	23	46.750451	305.901	32.49	-6.53	-3.20	0.180	1995.7685	2007.7137	No	-31.546	337.447	CME1
CMOD	MODESTO COOP	-2604474.9855	-4334577.8271	3874014.5982	0.0038	0.0045	0.0044	37	38	28.812914	-120	59	59.925496	28.0842	2.29	2.23	6.63	0.87	0.88	3.10	-3.14	-22.40	0.30	0.12	0.10	0.39	-2604474.0809	-4334579.0945	3874014.6955	37	38	28.803125	-120	59	59.867245	28.635	9.47	-8.61	-0.91	0.146	2006.7685	2015.4342	No	-31.989	60.624	CMOD
CMP9	Fire Camp 9	-2508506.4198	-4637174.5837	3579500.0388	0.0033	0.0041	0.0040	34	21	11.451180	-118	24	41.141868	1138.0033	2.15	2.13	5.90	1.28	1.25	3.77	12.90	-36.42	-0.52	0.06	0.06	0.18	-2508505.5394	-4637175.8949	3579500.1733	34	21	11.441340	-118	24	41.087167	1138.686	24.57	-23.12	-1.63	0.261	1995.4726	2017.8233	Yes	-33.377	1172.063	CMP9
CNDR	Condor	-2616492.1409	-4307013.7438	3896363.8071	0.0038	0.0047	0.0044	37	53	47.058164	-121	16	42.596062	-20.7850	2.13	2.05	6.81	1.01	1.09	3.70	-3.18	-24.65	-3.48	0.27	0.27	0.88	-2616491.2342	-4307015.0076	3896363.9011	37	53	47.048433	-121	16	42.537490	-20.246	9.53	-10.84	-4.70	0.167	1999.2863	2006.1658	No	-31.949	11.703	CNDR
CNPP	CNPP_SCGN_CS1999	-2457276.4892	-4698554.0182	3533511.1945	0.0035	0.0045	0.0041	33	51	27.480165	-117	36	32.123246	300.2949	2.07	2.19	6.32	1.03	1.12	3.50	14.91	-35.50	-0.29	0.08	0.08	0.20	-2457275.6133	-4698555.3381	3533511.3357	33	51	27.470163	-117	36	32.069260	301.008	26.29	-22.23	-1.37	0.251	2000.1325	2017.8233	Yes	-33.806	334.814	CNPP
COAG	Coachella GPS	-2276837.1107	-4855375.2689	3441251.3930	0.0036	0.0048	0.0042	32	51	48.469864	-115	7	24.051270	3.6286	2.21	2.31	6.62	1.42	3.22	2.94	-7.37	-16.99	0.19	1.63	4.31	1.72	-2276836.2456	-4855376.6102	3441251.5496	32	51	48.459214	-115	7	23.999241	4.425	3.11	-3.72	-0.84		2016.0014	2017.8233	Yes	-34.301	38.726	COAG
COKG	Cooks Ranch	-2328311.2119	-4831720.8078	3440017.4772	0.0034	0.0044	0.0040	32	51	1.847118	-115	43	42.608838	-46.9083	2.14	2.18	6.11	1.47	1.01	3.48	12.39	-32.80	2.52	0.90	0.43	1.39	-2328310.3457	-4831722.1467	3440017.6321	32	51	1.836731	-115	43	42.556476	-46.127	23.09	-19.60	1.48		2013.2534	2017.8233	Yes	-34.433	-11.694	COKG
COPR	COPR_SCGN_CS2001	-2624085.3533	-4567199.5145	3584495.9591	0.0037	0.0046	0.0043	34	24	53.672142	-119	52	46.306606	-22.8498	2.16	2.17	6.62	2.57	0.96	3.62	19.10	-41.44	0.31	0.25	0.08	0.22	-2624084.4692	-4567200.8191	3584496.0878	34	24	53.662920	-119	52	46.251136	-22.207	31.28	-28.31	-0.82	0.300	2001.4918	2017.8233	Yes	-36.067	13.860	COPR
CORX	Coronados Island	-2467592.2663	-4791499.0234	3399444.3833	0.0030	0.0037	0.0034	32	24	55.346856	-117	14	53.471172	74.2546	1.72	1.86	5.28	1.46	1.83	3.81	20.79	-41.47	0.52	0.61	0.45	1.20	-2467591.3991	-4791500.3605	3399444.5371	32	24	55.337296	-117	14	53.418240	75.005	32.03	-28.56	-0.53	0.309	2000.8730	2005.4397	No	-36.232	111.237	CORX
COSO	China Lake	-2411148.3980	-4571430.1150	3727461.4475	0.0036	0.0046	0.0043	35	58	56.436432	-117	48	32.010061	1455.1190	2.03	2.21	6.59	1.51	1.53	3.78	3.25	-16.29	-4.33	0.12	0.10	0.20	-2411147.5099	-4571431.4116	3727461.5705	35	58	56.425701	-117	48	31.954571	1455.784	14.73	-2.48	-5.46	0.117	1995.6233	2015.2205	No	-29.101	1484.885	COSO
COTD	College of the D	-2359843.0518	-4756605.0891	3521823.6552	0.0041	0.0056	0.0049	33	43	56.954321	-116	23	12.810643	27.6502	2.37	2.62	7.68	1.37	1.34	5.68	7.99	-26.77	-9.74	0.10	0.06	0.39	-2359842.1793	-4756606.4155	3521823.8011	33	43	56.943836	-116	23	12.757381	28.397	18.93	-13.40	-10.81	0.180	1999.7849	2017.8233	Yes	-32.631	61.028	COTD

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mr	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
CPBN	CPBN_SCGN_CS2000	-2419255.3502	-4632919.8266	3644863.3957	0.0035	0.0044	0.0040	35	4	18.244521	-117	34	22.891304	835.8287	2.15	2.18	6.17	0.86	0.88	2.93	1.93	-20.01	-0.50	0.08	0.08	0.20	-2419254.4677	-4632921.1337	3644863.5271	35	4	18.234026	-117	34	22.836555	836.518	13.31	-6.41	-1.61	0.134	2000.9713	2017.8233	Yes	-31.517	868.035	CPBN
CRAM	Ancram	-2299016.8726	-4547649.0440	3825482.9276	0.0033	0.0042	0.0038	37	4	52.494861	-116	49	6.263894	1480.1487	1.85	2.08	5.91	0.91	0.63	2.43	-9.00	-15.59	-0.23	0.18	0.08	0.31	-2299015.9804	-4547650.3334	3825483.0441	37	4	52.483247	-116	49	6.208119	1480.816	2.14	-1.37	-1.37		2005.7027	2014.4863	No	-27.155	1507.971	CRAM
CRAT	Crater Flats	-2287201.9175	-4573564.7997	3800907.9137	0.0030	0.0038	0.0034	36	48	27.598540	-116	34	9.319659	972.5354	1.62	1.84	5.43	0.83	0.75	3.29	-8.60	-15.65	0.38	0.08	0.06	0.33	-2287201.0273	-4573566.0930	3800908.0333	36	48	27.586907	-116	34	9.264214	973.214	2.45	-1.47	-0.76	0.117	1999.2233	2010.0644	No	-27.788	1001.002	CRAT
CRBT	CRBT_SCGN_CN2001	-2648415.0347	-4451451.3798	3709581.0458	0.0034	0.0042	0.0040	35	47	29.806592	-120	45	2.729675	205.4391	2.05	2.02	6.02	0.64	0.69	2.82	21.78	-37.45	0.94	0.04	0.04	0.18	-2648414.1409	-4451452.6667	3709581.1599	35	47	29.797283	-120	45	2.672887	206.032	34.28	-24.08	-0.23	0.557	2001.7000	2017.8233	Yes	-34.1	240.132	CRBT
CRCN	Corcoran RW High	-2545533.9779	-4486776.5866	3738432.4987	0.0037	0.0046	0.0043	36	6	50.349673	-119	34	4.927024	26.9128	2.22	2.24	6.55	2.27	1.77	25.98	-0.89	-23.12	-289.30	0.78	0.59	9.33	-2545533.0852	-4486777.8749	3738432.6144	36	6	50.339706	-119	34	4.870557	27.530	11.21	-9.51	-290.46		2010.7384	2017.4151	Yes	-33.472	61.002	CRCN
CRFP	Crafton Hills Co	-2410447.0107	-4710490.2282	3550422.5438	0.0037	0.0048	0.0042	34	2	20.589213	-117	5	58.867979	688.8103	2.11	2.30	6.66	1.21	0.94	4.13	8.37	-28.71	-0.24	0.08	0.04	0.22	-2410446.1350	-4710491.5482	3550422.6852	34	2	20.578917	-117	5	58.814150	689.533	19.57	-15.33	-1.32	0.194	1994.4479	2017.8233	Yes	-32.209	721.742	CRFP
CRGG	Crocker Grade	-2586242.0652	-4529603.8566	3660512.2092	0.0034	0.0042	0.0040	35	14	31.528487	-119	43	29.366740	1173.0658	2.14	2.14	5.97	3.11	7.96	2.82	11.95	-39.14	2.57	4.16	10.66	2.47	-2586241.1770	-4529605.1531	3660512.3318	35	14	31.518906	-119	43	29.310813	1173.696	24.09	-25.77	1.43		2016.0014	2017.8233	Yes	-33.833	1207.529	CRGG
CRHS	CRHS_SCGN_CS1999	-2512420.3956	-4671388.2194	3530186.6283	0.0048	0.0064	0.0059	33	49	24.619937	-118	16	21.972205	-23.5518	2.26	2.47	9.33	1.37	1.68	3.92	18.09	-39.12	-0.13	0.12	0.14	0.29	-2512419.5184	-4671389.5369	3530186.7675	33	49	24.610236	-118	16	21.917896	-22.856	29.71	-25.94	-1.22	0.279	1999.3932	2017.8233	Yes	-35.888	13.033	CRHS
CRRS	CRRS_SCGN_CS1998	-2323104.7651	-4819509.2984	3460404.4134	0.0035	0.0046	0.0042	33	4	11.308630	-115	44	6.157653	-81.9050	2.14	2.24	6.42	0.81	0.96	3.14	8.79	-24.76	0.16	0.04	0.06	0.16	-2323103.8976	-4819510.6348	3460404.5666	33	4	11.298149	-115	44	6.105155	-81.128	19.49	-11.50	-0.88	0.310	1999.0370	2017.8233	Yes	-34.362	-46.766	CRRS
CRU1	CRU1_SCGN_CS2000	-2628781.2792	-4592932.9341	3549529.9247	0.0033	0.0040	0.0038	34	1	45.341994	-119	47	5.335618	702.1772	2.11	2.07	5.68	1.07	0.79	2.77	23.09	-41.62	-0.34	0.08	0.04	0.16	-2628780.3974	-4592934.2431	3549530.0569	34	1	45.332877	-119	47	5.280446	702.830	35.24	-28.58	-1.46	0.310	2000.4413	2017.8233	Yes	-35.742	738.572	CRU1
CSCI	CSCI_SCGN_CS2000	-2564318.9820	-4618739.6302	3561957.4707	0.0032	0.0040	0.0038	34	10	6.256162	-119	2	20.344959	70.8456	2.03	2.01	5.72	0.66	1.15	3.06	19.73	-40.27	-0.20	0.04	0.10	0.20	-2564318.1012	-4618740.9409	3561957.6044	34	10	6.246663	-119	2	20.290052	71.515	31.62	-27.10	-1.31	0.294	2000.9385	2017.8233	Yes	-35.639	107.154	CSCI
CSDH	CSU Dominguez	-2510006.9736	-4670036.1285	3533693.0025	0.0031	0.0039	0.0036	33	51	41.324333	-118	15	24.196631	-9.1548	1.95	1.98	5.44	0.98	1.52	3.13	17.70	-39.84	1.25	0.08	0.12	0.20	-2510006.0963	-4670037.4457	3533693.1414	33	51	41.314610	-118	15	24.142307	-8.459	29.31	-26.65	0.16	0.284	1998.5192	2017.8233	Yes	-35.895	27.436	CSDH
CSN1	CSU Northridge	-2520226.3319	-4637081.9735	3569875.5978	0.0036	0.0045	0.0041	34	15	12.784815	-118	31	25.736644	261.4244	2.24	2.26	6.29	1.64	1.09	4.47	16.08	-37.49	0.24	0.12	0.04	0.27	-2520225.4518	-4637083.2854	3569875.7327	34	15	12.775058	-118	31	25.681940	262.106	27.79	-24.23	-0.86	0.267	1996.3866	2017.8233	Yes	-34.541	296.647	CSN1
CSST	CSST_SCGN_CS2000	-2583751.2218	-4590803.6869	3583976.7812	0.0039	0.0051	0.0047	34	24	29.129487	-119	22	16.513619	162.4840	2.21	2.28	7.29	1.15	0.91	3.74	15.76	-40.44	-1.11	0.06	0.04	0.22	-2583750.3389	-4590804.9936	3583976.9118	34	24	29.120045	-119	22	16.458399	163.140	27.77	-27.25	-2.23	0.283	1997.2534	2017.8233	Yes	-34.936	198.076	CSST
CTDM	CTDM_SCGN_CS2001	-2519624.8628	-4618784.0461	3594034.9384	0.0034	0.0043	0.0040	34	30	59.580807	-118	36	47.570664	406.0736	2.08	2.14	6.06	0.82	0.89	3.72	10.75	-35.02	0.83	0.04	0.06	0.27	-2519623.9810	-4618785.3548	3594035.0708	34	30	59.570990	-118	36	47.515748	406.747	22.50	-21.70	-0.28	0.238	2001.4918	2017.8233	Yes	-33.383	440.130	CTDM
CTMS	CTMS_SCGN_CS1999	-2348052.2524	-4736256.9560	3558392.6736	0.0034	0.0045	0.0042	34	7	26.762417	-116	22	13.540495	966.4887	2.07	2.17	6.36	0.95	0.93	3.39	1.37	-18.04	1.24	0.06	0.06	0.20	-2348051.3778	-4736258.2782	3558392.8165	34	7	26.751766	-116	22	13.487005	967.228	12.31	-4.55	0.17	0.119	1999.1466	2017.8233	Yes	-31.344	998.572	CTMS
CUHS	Cuyama Valley Hi	-2591457.6858	-4548112.1725	3633016.7995	0.0033	0.0041	0.0039	34	56	33.531045	-119	40	26.226495	635.0424	2.09	2.07	5.92	6.27	4.46	10.42	12.74	-39.89	-6.70	0.98	0.71	1.59	-2591456.7993	-4548113.4724	3633016.9247	34	56	33.521545	-119	40	26.170787	635.680	24.86	-26.59	-7.83	0.284	2000.1134	2017.8233	No	-33.567	669.247	CUHS
CVHS	Covina H.S.	-2474677.0379	-4673512.1216	3554051.4507	0.0035	0.0044	0.0041	34	4	55.244145	-117	54	6.195927	119.0775	2.15	2.21	6.23	1.05	2.41	3.94	12.92	-36.73	-1.48	0.08	0.22	0.25	-2474676.1601	-4673513.4379	3554051.5891	34	4	55.234181	-117	54	6.141646	119.778	24.41	-23.44	-2.57	0.269	1998.5603	2017.8233	Yes	-34.056	153.834	CVHS
DAM1	Pacoima Dam 1	-2507721.7051	-4638444.0592	3577430.2347	0.0041	0.0052	0.0046	34	20	2.388683	-118	23	50.515223	584.0869	2.26	2.31	7.41	1.21	1.31	4.76	11.62	-37.61	1.27	0.29	0.35	1.35	-2507720.8249	-4638445.3707	3577430.3694	34	20	2.378841	-118	23	50.460535	584.770	23.29	-24.31	0.16		1995.5877	2000.2582	No	-33.455	618.225	DAM1
DAM2	Pacoima Dam 2	-2507656.1898	-4638419.1089	3577506.7815	0.0057	0.0069	0.0059	34	20	5.411829	-118	23	48.724949	583.4084	2.58	3.12	9.96	1.39	2.20	5.51	12.97	-36.42	-0.02	0.10	0.18	0.41	-2507655.3096	-4638420.4204	3577506.9162	34	20	5.401986	-118	23	48.670261	584.091	24.64	-23.12	-1.13	0.248	1995.6425	2017.8233	Yes	-33.443	617.534	DAM2
DAM3	Pacoima Dam 3	-2507728.7625	-4638436.7751	3577427.4946	0.0042	0.0052	0.0046	34	20	2.371104	-118	23	50.893582	580.0219	2.14	2.44	7.40	3.12	3.36	6.22	13.03	-36.90	1.31	0.43	0.47	0.80	-2507727.8822	-4638438.0866	3577427.6293	34	20	2.361262	-118	23	50.838894	580.705	24.70	-23.60	0.20	0.249	2003.0014	2017.8233	Yes	-33.456	614.161	DAM3
DDMN	Deadman Creek	-2447639.0206	-4419078.0354	3884416.8418	0.0034	0.0042	0.0041	37	44	39.057234	-118	58	52.292919	2265.4589	2.10	2.14	6.05	7.24	5.39	8.66	-0.81	-22.13	2.68	0.82	0.61	0.90	-2447638.1200	-4419079.3094	3884416.9456	37	44	39.046440	-118	58	52.235550	2266.059	11.11	-8.02	1.49	0.158	2000.2746	2017.8233	Yes	-24.636	2290.695	DDMN
DECH	Dechambeau Ranch	-2445761.3481	-4395861.9143	3911146.3502	0.0034	0.0042	0.0041	38	3	5.358755	-119	5	26.178570	1947.5744	2.12	2.14	6.08	2.39	2.59	4.50	-2.40	-22.09	0.19	0.27	0.25	0.35	-2445760.4456	-4395863.1849	3911146.4509	38	3	5.347909	-119	5	26.120904	1948.165	9.56	-7.92	-1.00	0.144	2001.7082	2017.8233	Yes	-24.549	1972.714	DECH
DESC	Descanso Detenti	-2405963.8942	-4795856.3000	3438643.0790	0.0033	0.0042	0.0039	32	49	47.711929	-116	38	30.486109	957.2700	2.12	2.16	5.82	0.82	0.91	3.09	16.99	-38.75	-1.04	0.08	0.08	0.25	-2405963.0261	-4795857.6350	3438643.2315	32	49	47.701943	-116	38	30.433268	958.028	28.02	-25.65	-2.09	0.278	2006.1658	2017.8233	Yes	-31.851	989.879	DESC
DHLG	Durmid Hill	-2319099.5192	-4799846.3946	3490090.4271	0.0038	0.0047	0.0042	33	23	23.300636	-115	47	16.911184	-83.0448	2.49	2.76	6.36	0.96	0.99	3.48	-0.38	-22.77	0.05	0.06	0.04	0.16	-2319098.6498	-4799847.7273	3490090.5776	33	23	23.290038	-115	47	16.858462	-82.276	10.35	-9.42	-1.00	0.270	1996.3128	2017.8233	Yes	-33.757	-48.519	DHLG
DIAB	Mt. Diablo	-2665287.9999	-4279361.5232	3895422.7392	0.0038	0.0047	0.0043	37	52	42.871498	-121	54	56.271241	990.2743	2.07	2.09	6.81	1.46	1.16	3.98	0.08	-23.80	0.51	0.10	0.06	0.24	-2665287.0918	-4279362.7846	3895422.8310	37	52	42.862089	-121	54	56.212422	990.797	13.01	-10.08	-0.71	0.153	1998.3849	2017.8233	Yes	-31.713	1022.510	DIAB
DIXN	DixonCity_CA2012	-2637020.8435	-4248335.4349	3946305.2484	0.0036	0.0043	0.0041	38	28	7.374145	-121	49	43.118211	-9.1763	2.05	2.17	6.30	1.42	0.94	4.61	-2.79	-22.80	-3.76	0.41	0.20	1.25	-2637019.9324	-4248336.6911	3946305.3352	38	28	7.364515	-121	49	43.058950	-8.663	10.11	-8.93	-5.00		2012.4358	2017.8233	Yes	-31.567	22.904	DIXN
DLNO	Delano Maintenan	-2531640.2267	-4521846.3034	3705751.3872	0.0037	0.0046	0.0043	35	44	59.986938	-119	14	35.157129	63.3274	2.23	2.27	6.59	2.19	1.32	26.98	2.08	-24.85	-57.63	0.98	0.53	12.33	-2531639.3368	-4521847.5967	3705751.5072	35	44	59.976949	-119	14	35.101073	63.961	14.06	-11.29	-58.78		2010.8151	2017.8233	Yes	-33.28	97.241	DLNO
DLUZ	DLuzHeightCA2011	-2444507.5415	-4734682.0534	3494029.0815	0.0031	0.0039	0.0037	33	25	50.116477	-117	18	26.001839	212.7173	2.09	2.07	5.41	2.03	1.04	3.34	17.61	-38.49	-1.64	0.59	0.20	0.65	-2444506.6686	-4734683.3792	3494029.2270	33	25	50.106518	-117	18	25.948274	213.447	28.88	-25.30	-2.71		2011.5329	2017.8233	Yes	-33.281	246.728	DLUZ
DOND	Don D. Coarsegol	-2517566.2425	-4415531.2531	3841177.0970	0.0040	0.0051	0.0047	37	15	51.314831	-119	41	24.457029	665.8609	2.28	2.23	7.34	1.19	1.35	3.76	-3.24	-22.47	0.28	0.27	0.33	0.73	-2517565.3431	-4415532.5293	3841177.2025	37	15	51.304533	-119	41	24.399670	666.453	8.91	-8.58	-0.90		2007.1055	2017.8233	Yes	-29.574	696.027	DOND
DONO	Don O.--Pinehurs	-2484313.9077	-4478506.3028	3790794.4392	0.0041	0.0050	0.0046	36	41	32.987813	-119	1	4.720427	1187.8879	2.28	2.38	7.15	1.25	1.17	4.56	-1.92	-21.60	2.78	0.88	0.69	2.72	-2484313.0130	-4478507.5873	3790794.5520	36	41	32.977391	-119	1	4.663820	1188.508	9.99	-7.77	1.62		2010.7384	2017.8233	Yes	-28.429	1216.937	DONO
DSHS	DSHS_SCGN_CS1999	-2512713.3483	-4657157.7681	3548645.9485	0.0049	0.0061	0.0053	34	1	26.159613	-118	20	54.764117	-2.1102	2.47	2.66	8.67	2.11	1.58	5.12	16.44	-37.90	0.76	0.31	0.24	0.74	-2512712.4699	-4657159.0831	3548646.0858	34	1	26.149867	-118	20	54.709644	-1.420	28.09	-24.68	-0.34		1999.2534	2011.0671	No	-35.53	34.110	DSHS
DSME	Dana Seguin Memo	-2450648.2158	-4758321.5658	3457381.5138	0.0032	0.0042	0.0037	33	2	11.323321	-117	14	58.340840	56.1224	1.89	2.02	5.79	0.61	0.74	2.84	17.74	-38.73	-0.61	0.06	0.06	0.29	-2450647.3453	-4758322.8961	3457381.6627	33	2	11.313500	-117	14	58.287542	56.861	28.99	-25.65	-1.67	0.280	2005.3603	2017.8233	Yes	-34.554	91.415	DSME
DSSC	DSSC_SCGN_CS1998	-2387389.7005	-4744301.3079	3522808.5313	0.0037	0.0048	0.0041	33	43	59.994608	-116	42	43.533197	1660.8721	1.83	2.14	6.73	1.03	1.31	4.37	9.74	-28.73	0.59	0.06	0.08	0.22	-2387388.8273	-4744302.6328	3522808.6764	33	43	59.984275	-116	42	43.479776	1661.611	20.80	-15.39	-0.48	0.193	1999.0370	2017.8233	Yes	-31.029	1692.640	DSSC
DUBP	Dublin	-2665860.5956	-4290368.3351	3881700.6567	0.0034	0.0040	0.0040	37	43	39.445410	-121	51	18.499440	202.7485	2.17	2.08	5.86	5.99	1.96	5.46	0.68	-25.55	3.61	2.14	0.65	1.69	-2665859.6885	-4290369.5984	3881700.7499	37	43	39.436011	-121	51	18.440754	203.276	13.58	-11.86	2.39		2012.2883	2017.8233	Yes	-32.267	235.543	DUBP
DVPB	Devil's Punchbow	-2462121.6317	-4657973.3698	3585180.6690	0.0032	0.0041	0.0039	34	24	48.288125	-117	51	36.472863	1430.8523	2.07	2.08	5.84	1.84	1.45	4.62	9.30	-31.36	0.48	0.10	0.10	0.25	-2462120.7523	-4657974.6826	3585180.8049	34	24	48.278020	-117	51	36.418406	1431.548	20.78	-17.97	-0.62	0.212	1999.5932	2017.8233	Yes	-31.307	1462.855	DVPB
DYER	Dyer	-2374432.7621	-4458271.4071	3883834.4792	0.0036	0.0045	0.0043	37	44	34.090929	-118	2	21.618464	1511.9417	2.08	2.13	6.55	0.77	0.97	2.95	-7.03	-16.92	0.23	0.06	0.06	0.20	-2374431.8637	-4458272.6849	3883834.5861	37	44	34.079668	-118	2	21.561552	1512.565	4.55	-2.69	-0.94	0.122	1999.4068	2010.7521	No	-25.665	1538.230	DYER
DYH2	Downey High 2	-2497231.8904	-4671509.3064	3540778.0777	0.0032	0.0041	0.0037	33	56	17.933757	-118	7	38.865034	10.8011	2.03	2.07	5.71	1.43	1.36	6.37	15.48	-39.30	-4.52	0.45	0.37	2.08	-2497231.0130	-4671510.6233	3540778.2164	33	56	17.923948	-118	7	38.810727	11.499	27.05	-26.08	-5.61		2012.3730	2017.8233	Yes	-35.584	47.083	DYH2
DYHS	Downey H.S.	-2497117.4107	-4671584.5300	3540742.9526	0.0046	0.0059	0.0053	33	56	16.763790	-118	7	33.552842	1.4551	2.54	2.57	8.40	1.19	1.23	4.67	15.18	-42.36	-0.33	0.24	0.25	0.96	-2497116.5333	-4671585.8469	3540743.0913	33	56	16.753981	-118	7	33.498536	2.153	26.75	-29.14	-1.42		1998.5356	2011.6425	No	-35.582	37.735	DYHS
EBMD	East Bay MUD Hea	-2694619.5602	-4265134.7183	3889233.6289	0.0032	0.0039	0.0038	37	48	54.031784	-122	17	1.711127	-15.8211	2.01	1.96	5.67	1.61	1.07	4.07	13.02	-30.58	-3.20	0.55	0.22	1.10	-2694618.6517	-4265135.9790	3889233.7197	37	48	54.022568	-122	17	1.652191	-15.307	26.07	-16.93	-4.43		2010.0014	2017.8233	Yes	-32.378	17.071	EBMD
ECCO	ECCO_SCGN_CS1999	-2515153.1734	-4665481.8078	3536014.9856	0.0042	0.0054	0.0047	33	53	12.314957	-118	19	44.508751	-19.3422	2.09	2.35	7.65	0.84	0.85	3.03	18.52	-38.51	0.58	0.16	0.14	0.47	-2515152.2957	-4665483.1244	3536015.1241	33	53	12.305256	-118	19	44.454375	-18.649	30.16	-25.32	-0.51	0.283	1999.2781	2006.4151	No	-35.96	17.311	ECCO
ECFS	ECFS_SCGN_CS2001	-2447237.4337	-4718841.2683	3514426.1085	0.0031	0.0040	0.0037	33	38	51.667060	-117	24	42.113343	801.4017	2.04	2.02	5.57	0.79	0.84	2.93	16.51	-36.47	-0.43	0.06	0.04	0.20	-2447236.5595	-4718842.5913	3514426.2521	33	38	51.657060	-117	24	42.059595	802.124	27.82	-23.24	-1.51	0.258	2001.6205	2017.8233	Yes	-32.946	835.070	ECFS
EDPP	EDPP_SCGN_CS1999	-2524009.8452	-4585390.0234	3633193.2233	0.0035	0.0044	0.0042	34	56	46.300990	-118	49	49.481617	379.8352	2.08	2.14	6.33	1.79	1.07	3.93	5.13	-28.10	1.24	0.14	0.06	0.24	-2524008.9606	-4585391.3267	3633193.3514	34	56	46.291108	-118	49	49.426311	380.495	16.96	-14.69	0.12	0.188	2000.1380	2017.8233	Yes	-32.049	412.544	EDPP
ELLY	LongBchBayCA2013	-2507645.8275	-4690729.2651	3508051.7511	0.0039	0.0050	0.0044	33	35	0.595717	-118	7	43.639038	-2.8774	2.26	2.40	6.97	1.59	3.40	3.58	19.92	-38.95	-1.95	0.59	1.39	0.92	-2507644.9520	-4690730.5858	3508051.8927	33	35	0.586048	-118	7	43.584951	-2.173	31.48	-25.82	-3.04		2013.1548	2017.8233	Yes	-35.788	33.615	ELLY
ELSC	East L.A. Scienc	-2501171.9671	-4663017.2102	3549214.6816	0.0033	0.0044	0.0038	34	1	47.044882	-118	12	30.371381	61.1533	1.97	2.06	6.03	0.91	0.94	4.60	13.83	-37.60	-3.75	0.08	0.06	0.41	-2501171.0890	-4663018.5258	3549214.8194	34	1	47.035072	-118	12	30.316976	61.847	25.43	-24.36	-4.85	0.262	1999.4315	2017.8233	Yes	-35.211	97.058	ELSC
ELSG	Elsinore 2 GPS	-2448379.6969	-4718157.1735	3514566.1007	0.0032	0.0042	0.0037	33	38	56.909930	-117	25	33.681740	811.3396	1.88	1.96	5.79	4.34	8.35	3.10	21.74	-44.80	0.64	5.90	11.35	2.14	-2448378.8227	-4718158.4964	3514566.2442	33	38	56.899936	-117	25	33.627984	812.061	33.06	-31.57	-0.44		2016.0014	2017.8233	Yes	-32.963	845.024	ELSG
ELTN	Elizabeth Lake T	-2499101.5868	-4617034.2471	3611360.6984	0.0035	0.0044	0.0041	34	42	11.223870	-118	25	32.637719	916.4867	2.19	2.20	6.28	1.78	1.12	3.80	7.68	-27.63	3.09	1.06	0.57	1.45	-2499100.7045	-4617035.5545	3611360.8300	34	42	11.213901	-118	25	32.582781	917.162	19.36	-14.24	1.98		2013.4589	2017.8233	Yes	-32.155	949.317	ELTN
ELTS	Elizabeth Lake T	-2504469.2271	-4621548.3362	3601867.7129	0.0035	0.0044	0.0040	34	35	57.449600	-118	27	13.550466	887.0987	2.05	2.41	6.13	1.51	1.44	3.69	11.74	-29.98	1.00	0.73	0.65	1.29	-2504468.3453	-4621549.6447	3601867.8453	34	35	57.439683	-118	27	13.495581	887.775	23.43	-16.62	-0.11		2012.2992	2016.2964	No	-32.298	920.073	ELTS
ERRG	Elmore's Ranch G	-2329244.2385	-4813398.1681	3464731.9829	0.0036	0.0048	0.0042	33	6	59.204285	-115	49	21.842219	-92.3986	2.24	2.35	6.57	1.23	0.99	3.48	6.66	-28.55	0.81	0.59	0.29	0.96	-2329243.3706	-4813399.5037	3464732.1355	33	6	59.193820	-115	49	21.789644	-91.625	17.40	-15.28	-0.23		2014.4973	2017.8233	Yes	-34.274	-57.351	ERRG
ESE2	Diamond Valley L	-2411894.2557	-4734863.1455	3516769.1444	0.0124	0.0099	0.0094	33	40	29.262335	-116	59	37.898819	512.7959	4.50	9.58	15.04	1.28	0.95	3.76	15.11	-33.60	0.71	0.22	0.10	0.55	-2411893.3822	-4734864.4699	3516769.2890	33	40	29.252141	-116	59	37.845272	513.528	26.27	-20.31	-0.36	0.240	2002.1137	2014.5685	No	-32.265	545.793	ESE2
ESRW	Diamond Valley L	-2417750.7416	-4731426.2322	3517433.8699	0.0092	0.0101	0.0090	33	40	54.412043	-117	4	1.037983	548.6016	3.37	6.64	14.55	1.39	0.95	3.88	14.21	-34.43	1.53	0.16	0.08	0.31	-2417749.8680	-4731427.5562	3517434.0142	33	40	54.401879	-117	4	0.984394	549.332	25.40	-21.15	0.46	0.245	1999.1904	2014.5685	No	-32.419	581.751	ESRW
EWPP	EWPP_SCGN_CS1999	-2443386.8328	-4688588.7700	3556208.0864	0.0037	0.0049	0.0043	34	6	15.116953	-117	31	32.118910	330.4654	2.09	2.15	6.83	1.27	0.98	3.89	12.02	-34.23	-0.33	0.08	0.06	0.24	-2443385.9558	-4688590.0876	3556208.2258	34	6	15.106816	-117	31	32.064812	331.176	23.38	-20.89	-1.42	0.235	1999.2014	2017.8233	Yes	-32.914	364.090	EWPP
FARB	Farallon Islands	-2752136.1119	-4237792.9631	3878892.9013	0.0038	0.0045	0.0043	37	41	49.958436	-123	0	2.779271	-21.7571	2.61	2.58	6.27	0.92	0.94	3.67	25.48	-39.20	-0.46	0.06	0.04	0.18	-2752135.2022	-4237794.2223	3878892.9902	37	41	49.949601	-123	0	2.720133	-21.259	38.77	-25.69	-1.69	0.302	1994.0808	2017.8233	Yes	-33.948	12.689	FARB
FGST	FGST_SCGN_CS2000	-2624795.5421	-4544559.8753	3614079.8409	0.0033	0.0040	0.0038	34	43	58.839735	-120	0	33.787843	904.0777	2.02	1.99	5.78	1.21	1.05	3.93	19.90	-41.58	0.57	0.10	0.06	0.22	-2624794.6560	-4544561.1760	3614079.9666	34	43	58.830461	-120	0	33.732116	904.711	32.13	-28.38	-0.56	0.300	2000.7445	2017.8233	Yes	-34.446	939.157	FGST
FHFF	Foothill Feeder	-2519370.9067	-4618990.9999	3593821.2239	0.0046	0.0059	0.0050	34	30	52.761895	-118	36	34.945200	334.4731	2.44	2.67	8.26	1.47	1.69	4.70	9.05	-31.41	1.14	0.78	0.96	1.69	-2519370.0250	-4618992.3087	3593821.3563	34	30	52.752076	-118	36	34.890286	335.147	20.79	-18.09	0.03		1999.1712	2001.5411	No	-33.389	368.536	FHFF
FHOG	Forest Home	-2395772.9663	-4715008.1093	3555934.8562	0.0070	0.0083	0.0076	34	5	36.768094	-116	56	9.134374	1588.6725	4.41	5.34	11.23	1.96	1.31	5.44	6.53	-25.04	1.02	0.37	0.22	0.86	-2395772.0907	-4715009.4293	3555934.9977	34	5	36.757709	-116	56	9.080606	1589.398	17.68	-11.63	-0.06		2010.7438	2017.8233	Yes	-30.56	1619.958	FHOG
FMTP	Fillmore Telepor	-2545460.1919	-4612206.6969	3584252.3171	0.0032	0.0039	0.0038	34	24	35.515564	-118	53	38.929442	362.7706	2.08	2.09	5.61	2.60	1.30	3.59	14.52	-37.83	-1.31	0.25	0.10	0.24	-2545459.3101	-4612208.0055	3584252.4494	34	24	35.505912	-118	53	38.874456	363.439	26.36	-24.57	-2.42	0.264	1999.8260	2017.8233	Yes	-34.574	398.013	FMTP
FMVT	FMVT_SCGN_CS2000	-2546367.3883	-4615775.8546	3579495.1491	0.0034	0.0042	0.0040	34	21	22.815342	-118	53	2.527697	616.9897	2.08	2.13	6.04	1.21	0.71	3.65	17.68	-39.10	-0.68	0.10	0.04	0.29	-2546366.5069	-4615777.1639	3579495.2819	34	21	22.805706	-118	53	2.472753	617.660	29.52	-25.86	-1.79	0.280	2000.9139	2017.8233	Yes	-34.855	652.515	FMVT
FOXG	Fox Airport 2 GP	-2483152.8502	-4623210.3019	3614039.3311	0.0035	0.0044	0.0041	34	44	2.082801	-118	14	25.804535	688.8129	2.18	2.18	6.22	2.31	4.26	3.24	9.84	-30.98	-4.32	3.04	5.92	2.25	-2483151.9681	-4623211.6098	3614039.4630	34	44	2.072736	-118	14	25.749667	689.492	21.46	-17.56	-5.43		2016.0014	2017.8233	Yes	-32.324	721.816	FOXG
FSHB	Fort Scotty Hub	-2331923.5809	-4823827.8628	3448913.7520	0.0042	0.0057	0.0049	32	56	41.959295	-115	47	59.794787	134.9880	2.47	2.70	7.80	1.26	1.19	3.87	12.72	-32.50	3.11	0.71	0.45	1.63	-2331922.7140	-4823829.2003	3448913.9060	32	56	41.948897	-115	47	59.742331	135.766	23.45	-19.28	2.07		2013.4589	2017.8233	Yes	-34.267	170.033	FSHB
FVPK	Fairview Park	-2489553.6776	-4694868.9889	3515327.5974	0.0034	0.0044	0.0040	33	39	44.382609	-117	56	8.585092	-11.5602	2.16	2.20	6.11	3.35	0.95	4.13	19.13	-38.09	-1.38	0.29	0.06	0.29	-2489552.8021	-4694870.3096	3515327.7390	33	39	44.372826	-117	56	8.531055	-10.852	30.63	-24.92	-2.46	0.282	1998.6205	2017.8233	Yes	-35.287	24.435	FVPK
FXHS	Fairfax High Sch	-2511944.1736	-4653606.2775	3553874.1877	0.0056	0.0067	0.0061	34	4	50.181959	-118	21	34.136329	33.2865	2.30	2.58	10.12	1.98	1.79	3.84	14.92	-41.36	-1.72	0.27	0.25	0.45	-2511943.2949	-4653607.5919	3553874.3245	34	4	50.172196	-118	21	34.081815	33.975	26.57	-28.13	-2.82	0.288	1999.3274	2011.7795	No	-35.093	69.068	FXHS
FZHS	Frazier Mountain	-2533877.6062	-4591364.3890	3620414.1997	0.0037	0.0047	0.0044	34	48	0.698303	-118	53	36.181747	1273.7235	2.24	2.34	6.71	1.59	1.27	4.22	8.28	-31.87	0.91	0.06	0.06	0.22	-2533876.7223	-4591365.6935	3620414.3289	34	48	0.688509	-118	53	36.126517	1274.384	20.13	-18.51	-0.21	0.211	1998.6205	2017.8233	Yes	-31.405	1305.789	FZHS
GARL	GARL_BRGN_NV1996	-2384509.2711	-4239524.8751	4114370.5393	0.0034	0.0042	0.0042	40	24	59.493182	-119	21	19.653338	1640.2344	2.16	2.17	6.09	0.87	1.14	3.77	-7.58	-17.74	-0.05	0.04	0.06	0.18	-2384508.3546	-4239526.1220	4114370.6175	40	24	59.481719	-119	21	19.593545	1640.771	4.50	-3.03	-1.30	0.126	1996.5533	2017.8233	Yes	-22.738	1663.509	GARL
GASB	Alder Springs	-2658220.6402	-4138072.6968	4049411.7769	0.0072	0.0085	0.0075	39	39	16.945144	-122	42	57.355002	1361.9698	2.81	2.92	12.81	1.81	2.00	7.20	-4.50	-22.39	1.23	0.47	0.59	1.74	-2658219.7204	-4138073.9383	4049411.8498	39	39	16.935641	-122	42	57.294408	1362.438	8.72	-8.37	-0.04		2011.7110	2016.6052	No	-28.066	1390.504	GASB
GDEC	Goodwin Educatio	-2598643.6856	-4525815.5870	3655387.1515	0.0035	0.0043	0.0041	35	11	21.898223	-119	51	49.263849	566.2457	2.12	2.12	6.17	1.05	0.82	2.82	14.24	-35.18	0.94	0.08	0.04	0.18	-2598642.7973	-4525816.8836	3655387.2740	35	11	21.888720	-119	51	49.207885	566.874	26.43	-21.85	-0.20	0.243	2000.4194	2017.6616	Yes	-33.807	600.681	GDEC
GHRP	Glen Helen Regio	-2430188.1281	-4688729.1944	3565527.1679	0.0033	0.0041	0.0038	34	12	14.003866	-117	23	52.432386	628.5859	2.11	2.09	5.76	2.73	2.91	5.83	9.10	-30.30	-1.63	0.25	0.29	0.47	-2430187.2508	-4688730.5115	3565527.3069	34	12	13.993634	-117	23	52.378294	629.297	20.41	-16.91	-2.72	0.194	2000.6817	2017.8233	Yes	-32.316	661.613	GHRP
GLRS	GLRS_SCGN_CS1999	-2299767.5945	-4816937.8986	3479453.4478	0.0036	0.0047	0.0042	33	16	29.321067	-115	31	16.943763	-48.6504	2.21	2.34	6.49	0.81	0.94	3.05	-7.09	-17.18	0.24	0.06	0.08	0.18	-2299766.7263	-4816939.2337	3479453.6000	33	16	29.310404	-115	31	16.891261	-47.872	3.54	-3.83	-0.80	0.230	1999.0288	2017.8233	Yes	-33.882	-13.990	GLRS
GMAG	Goat Mountain As	-2344381.3037	-4726335.6928	3573689.3839	0.0035	0.0045	0.0041	34	17	29.163358	-116	22	57.242272	866.7357	2.13	2.20	6.33	0.92	1.92	2.99	0.73	-20.12	1.55	0.71	2.55	2.00	-2344380.4281	-4726337.0131	3573689.5253	34	17	29.152642	-116	22	57.188667	867.471	11.68	-6.59	0.47		2016.0014	2017.8233	Yes	-31.184	898.655	GMAG
GMPK	GMPK_SCGN_CS2000	-2247176.8460	-4857246.4228	3459031.1770	0.0036	0.0049	0.0043	33	3	3.903675	-114	49	38.448291	591.1754	2.31	2.44	6.65	0.84	1.08	3.18	-6.99	-14.21	-0.40	0.06	0.06	0.18	-2247175.9806	-4857247.7633	3459031.3330	33	3	3.892818	-114	49	38.396326	591.976	3.38	-0.85	-1.43	0.104	2000.2036	2017.8233	Yes	-33.469	625.445	GMPK
GMRC	GMRC_SCGN_CS1999	-2271347.8279	-4727907.5086	3618952.2265	0.0033	0.0045	0.0040	34	47	2.388211	-115	39	36.831067	1298.1986	2.00	2.07	6.21	1.17	0.92	3.26	-8.52	-15.06	-0.27	0.08	0.06	0.18	-2271346.9511	-4727908.8267	3618952.3660	34	47	2.376969	-115	39	36.777541	1298.942	2.18	-1.31	-1.35	0.114	1999.8151	2017.8233	Yes	-30.544	1329.486	GMRC
GNPS	GNPS_SCGN_CS1999	-2161144.5698	-4811133.5360	3574900.9929	0.0031	0.0040	0.0038	34	18	30.800087	-114	11	22.025375	232.3774	2.06	2.16	5.58	1.02	0.88	3.19	-7.02	-13.77	1.20	0.08	0.04	0.20	-2161143.6986	-4811134.8656	3574901.1402	34	18	30.788384	-114	11	21.972988	233.167	3.13	0.01	0.15	0.107	2000.4850	2017.8233	Yes	-30.994	264.161	GNPS
GOL2	Goldstone Deep S	-2353614.5240	-4641385.2559	3676976.3889	0.0025	0.0032	0.0029	35	25	30.560145	-116	53	21.308909	986.6583	1.62	1.78	4.43	1.37	1.62	3.58	-3.12	-17.53	0.26	0.08	0.08	0.16	-2353613.6410	-4641386.5621	3676976.5194	35	25	30.549200	-116	53	21.254280	987.358	8.03	-3.75	-0.85	0.113	1993.8616	2017.8233	Yes	-30.623	1017.981	GOL2
GOLD	Goldstone Deep S	-2353614.5241	-4641385.2560	3676976.3888	0.0027	0.0035	0.0032	35	25	30.560141	-116	53	21.308912	986.6584	1.72	1.78	4.89	1.40	1.64	4.11	-3.16	-17.48	0.03	0.08	0.08	0.20	-2353613.6411	-4641386.5622	3676976.5193	35	25	30.549196	-116	53	21.254283	987.358	7.99	-3.70	-1.08	0.114	1991.0096	2017.8233	Yes	-30.623	1017.981	GOLD
GR8R	GR8R_BARD_CN2008	-2602238.6273	-4432619.1722	3764042.8996	0.0036	0.0045	0.0043	36	23	56.454600	-120	24	56.639263	206.0265	2.13	2.16	6.53	1.63	1.49	3.28	0.32	-20.52	1.43	0.24	0.24	0.27	-2602237.7311	-4432620.4542	3764043.0098	36	23	56.444933	-120	24	56.582200	206.617	12.71	-6.95	0.25	0.136	2008.1052	2017.8233	Yes	-33.34	239.957	GR8R
GVRS	Garvey Reservoir	-2492911.2690	-4666279.5068	3550895.1145	0.0032	0.0040	0.0037	34	2	50.812450	-118	6	46.431683	154.4969	2.01	2.04	5.59	0.97	1.22	3.18	13.62	-38.13	-1.68	0.06	0.08	0.20	-2492910.3910	-4666280.8226	3550895.2525	34	2	50.802592	-118	6	46.377316	155.193	25.18	-24.87	-2.78	0.265	2000.5915	2017.8233	Yes	-34.822	190.015	GVRS
HAR7	Harper Dry Lake	-2398754.0454	-4647657.3907	3639254.2954	0.0031	0.0040	0.0037	35	0	41.544831	-117	17	57.167995	590.3621	2.03	2.03	5.59	1.00	0.82	2.92	2.85	-19.00	-3.01	0.78	0.65	1.72	-2398753.1638	-4647658.6996	3639254.4281	35	0	41.534234	-117	17	57.113426	591.060	14.14	-5.39	-4.12		2015.4753	2017.6644	Yes	-31.643	622.703	HAR7
HBCO	Harbor College	-2514646.7796	-4672980.2690	3526511.1321	0.0038	0.0049	0.0044	33	47	1.130545	-118	17	8.874940	-26.9026	2.20	2.26	6.86	1.53	1.75	3.42	18.93	-37.55	-1.47	0.16	0.18	0.27	-2514645.9027	-4672981.5869	3526511.2715	33	47	1.120865	-118	17	8.820649	-26.206	30.55	-24.39	-2.56	0.273	2000.4495	2017.8233	Yes	-35.874	9.668	HBCO
HCMN	HCMN_SCGN_CS1999	-2335223.0418	-4698082.2505	3615872.7400	0.0031	0.0041	0.0037	34	45	17.183711	-116	25	48.277686	568.7499	1.77	1.94	5.69	0.90	0.96	2.93	-5.39	-19.43	-0.05	0.06	0.06	0.16	-2335222.1635	-4698083.5657	3615872.8774	34	45	17.172824	-116	25	48.223749	569.475	5.58	-5.78	-1.14	0.127	1999.9411	2017.8233	Yes	-31.402	600.877	HCMN
HCRO	HCRO_BARD_CN2005	-2523976.1109	-4123615.5359	4147626.9628	0.0035	0.0043	0.0043	40	48	57.300334	-121	28	11.644538	1000.0820	2.14	2.12	6.34	1.22	1.49	4.14	-6.37	-18.95	-0.17	0.08	0.12	0.35	-2523975.1875	-4123616.7712	4147627.0298	40	48	57.289870	-121	28	11.583423	1000.558	6.45	-4.47	-1.45	0.127	2003.4479	2017.8233	Yes	-24.304	1024.862	HCRO
HELB	Rademacher Prope	-2485111.0247	-4479023.8062	3789529.7686	0.0035	0.0043	0.0040	36	40	43.831307	-119	1	22.680958	1105.3406	2.03	2.05	6.24	1.67	1.02	3.51	1.57	-21.25	0.59	0.82	0.41	1.18	-2485110.1301	-4479025.0908	3789529.8814	36	40	43.820892	-119	1	22.624358	1105.961	13.49	-7.42	-0.57		2013.9658	2017.8233	Yes	-28.56	1134.521	HELB
HELL	Hell's Gate	-2322285.3108	-4561834.0131	3793250.5384	0.0034	0.0043	0.0040	36	43	25.126364	-116	58	45.135040	659.9956	2.00	2.12	6.07	1.05	0.78	3.02	-8.16	-16.02	0.12	0.37	0.22	0.74	-2322284.4203	-4561835.3055	3793250.6574	36	43	25.114957	-116	58	45.079436	660.666	3.03	-1.91	-1.02		2006.5712	2010.0562	No	-28.047	688.713	HELL
HIVI	HIVI_SCGN_CS1999	-2446817.3347	-4640908.7511	3616548.3352	0.0041	0.0055	0.0047	34	45	35.712591	-117	47	58.043021	930.8586	2.33	2.53	7.56	1.75	3.17	4.50	4.59	-23.72	-0.43	0.14	0.27	0.31	-2446816.4534	-4640910.0606	3616548.4684	34	45	35.702319	-117	47	57.988363	931.549	16.05	-10.23	-1.54	0.159	1999.1466	2017.8233	Yes	-31.992	963.541	HIVI
HMTG	Diamond Valley R	-2411619.8035	-4732763.1596	3519878.3477	0.0069	0.0080	0.0074	33	42	29.148697	-117	0	5.415723	577.0140	4.43	5.46	10.82	4.12	9.02	2.78	17.58	-42.08	-0.88	5.59	12.21	1.74	-2411618.9299	-4732764.4836	3519878.4920	33	42	29.138493	-117	0	5.362152	577.746	28.75	-28.78	-1.95		2016.0014	2017.8233	Yes	-32.333	610.079	HMTG
HNPS	HNPS_SCGN_CS1999	-2298112.8610	-4788949.6021	3519491.4532	0.0037	0.0049	0.0043	33	42	18.018608	-115	38	7.213505	393.9319	2.15	2.24	6.83	1.20	1.18	3.69	-6.96	-16.57	-0.92	0.08	0.08	0.22	-2298111.9902	-4788950.9320	3519491.6016	33	42	18.007809	-115	38	7.160678	394.698	3.71	-3.12	-1.98	0.120	1999.7932	2017.8233	Yes	-32.449	427.147	HNPS
HOGS	HOGS_SCGN_CN2001	-2625065.5158	-4460125.2057	3716664.1190	0.0040	0.0050	0.0048	35	52	0.179539	-120	28	46.201312	762.8615	2.38	2.32	7.27	0.93	1.01	3.22	17.66	-34.13	1.34	0.08	0.08	0.22	-2625064.6223	-4460126.4928	3716664.2335	35	52	0.170083	-120	28	46.144602	763.460	30.07	-20.70	0.18	0.494	2001.5219	2017.8233	Yes	-33.454	796.914	HOGS
HOL3	Holcomb Ridge Si	-2459517.0081	-4655996.0492	3589166.7963	0.0031	0.0039	0.0037	34	27	29.360732	-117	50	42.467455	1239.4144	2.03	2.04	5.44	1.31	1.26	3.36	8.07	-29.63	0.28	0.08	0.08	0.22	-2459516.1285	-4655997.3617	3589166.9318	34	27	29.350601	-117	50	42.412974	1240.109	19.55	-16.23	-0.82	0.198	2000.7609	2017.8233	Yes	-31.517	1271.626	HOL3
HOLC	Holcomb Ridge	-2459518.4436	-4655991.9026	3589168.9464	0.0042	0.0053	0.0047	34	27	29.473258	-117	50	42.593042	1238.1607	2.33	2.49	7.47	1.68	1.55	5.02	8.32	-30.19	1.07	0.18	0.18	0.49	-2459517.5640	-4655993.2151	3589169.0820	34	27	29.463127	-117	50	42.538561	1238.856	19.80	-16.79	-0.03	0.385	1994.6151	2005.2205	No	-31.517	1270.373	HOLC
HOLP	Hollydale	-2500946.3874	-4670472.6364	3539500.6499	0.0032	0.0041	0.0038	33	55	28.348427	-118	10	5.430302	-6.7667	2.01	2.08	5.72	1.55	1.36	6.41	15.72	-38.54	-3.61	0.12	0.08	0.43	-2500945.5099	-4670473.9533	3539500.7887	33	55	28.338641	-118	10	5.375983	-6.070	27.30	-25.32	-4.70	0.273	1995.2973	2017.8233	Yes	-35.723	29.653	HOLP
HOPB	Hopland	-2708982.2086	-4159579.0820	3992123.9117	0.0033	0.0039	0.0040	38	59	42.667541	-123	4	29.033155	353.2451	2.09	2.01	5.81	1.82	1.29	4.94	9.71	-30.56	0.01	0.12	0.08	0.31	-2708981.2916	-4159580.3284	3992123.9890	38	59	42.658389	-123	4	28.972960	353.717	23.04	-16.76	-1.25	0.205	1995.6507	2017.8233	Yes	-30.049	383.766	HOPB

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)
HOTK	Hot Creek	-2438048.9028	-4430900.5192	3876822.8247	0.0032	0.0040	0.0039	37	39	30.916246	-118	49	16.510048	2143.2313
HUNT	HUNT_SCGN_CN2001	-2618467.8036	-4462644.5867	3717747.8290	0.0036	0.0044	0.0042	35	52	50.923345	-120	24	8.588240	449.3341
HVYS	HVYS_SCGN_CS2000	-2568089.8814	-4597402.2137	3587128.8963	0.0035	0.0044	0.0041	34	26	28.435088	-119	11	15.162513	373.9382
HW62	MWD Rice wastewa	-2222399.2499	-4799873.5566	3552541.3542	0.0032	0.0044	0.0038	34	3	53.845737	-114	50	40.936859	220.7708
I40A	I40A_SCGN_CS2000	-2293431.0821	-4720733.6457	3613482.2145	0.0033	0.0043	0.0040	34	43	38.366253	-115	54	41.221602	765.3109
IDOG	Indio Hills	-2344501.8098	-4760143.7274	3527980.2412	0.0035	0.0045	0.0041	33	47	48.471303	-116	13	17.455595	434.9396
IDQG	Granite Construc	-2346578.7163	-4760697.7556	3525080.0515	0.0035	0.0046	0.0041	33	46	4.703535	-116	14	20.349431	-1.6576
IID2	IID2_SCGN_CS1998	-2273075.4786	-4867570.1056	3426589.1852	0.0035	0.0047	0.0042	32	42	22.205090	-115	1	54.493893	9.7589
IMPS	IMPS_SCGN_CS1999	-2245206.4684	-4783197.3930	3561238.7879	0.0033	0.0044	0.0041	34	9	27.224784	-115	8	42.365484	563.2309
ISLK	ISLK_SCGN_CS1999	-2473742.7274	-4560944.2114	3698290.6395	0.0036	0.0047	0.0042	35	39	44.174938	-118	28	27.492007	823.3655
IVCO	IVCO_SCGN_CS2000	-2310142.0052	-4841836.1472	3438045.0754	0.0036	0.0049	0.0042	32	49	45.778475	-115	30	24.452761	-53.4428
JLN5	Jolon Rd at High	-2652052.2258	-4443055.5144	3716880.4879	0.0035	0.0043	0.0041	35	52	23.431828	-120	49	58.457505	140.9261
JNHG	Juniper Hills	-2468758.2896	-4651782.9987	3588355.8143	0.0034	0.0044	0.0040	34	26	56.631608	-117	57	19.585958	1276.1632
JNPR	JNPR_BARD_CN1997	-2454727.2185	-4413040.0348	3886862.9767	0.0040	0.0050	0.0048	37	46	18.277369	-119	5	5.060229	2309.1530
JOHN	Johnny Mine	-2259719.0014	-4612855.4367	3769777.6900	0.0035	0.0045	0.0041	36	27	31.729727	-116	5	56.554036	871.7322
JPLM	JPL Mesa	-2493304.7961	-4655214.9529	3565497.6046	0.0036	0.0045	0.0040	34	12	17.356925	-118	10	23.631516	423.9816
JRSC	Jasper Ridge	-2705252.2143	-4291315.0832	3853391.6499	0.0035	0.0041	0.0040	37	24	22.495813	-122	13	38.639903	144.2647
KBRC	KBRC_SCGN_CS2000	-2554984.0090	-4607757.5136	3583219.0271	0.0033	0.0041	0.0039	34	23	54.703750	-119	0	29.525970	370.4758
KNOL	Knoll	-2450430.0820	-4424484.5204	3877180.0894	0.0032	0.0040	0.0039	37	39	32.822964	-118	58	45.033620	2651.7913
KRAC	Krakatoa-USGS	-2440923.1266	-4425288.2533	3881774.4476	0.0036	0.0046	0.0042	37	42	47.916999	-118	52	49.709237	2377.7538
KYVW	Keys View	-2337387.3049	-4755771.0504	3540416.7878	0.0034	0.0042	0.0039	33	55	31.328713	-116	10	24.229436	1498.2037
LAND	LAND_SCGN_CN1999	-2623411.0474	-4458419.9643	3719524.0272	0.0032	0.0039	0.0038	35	53	59.252784	-120	28	23.836741	568.5674
LAPC	LAPC_SCGN_CS1999	-2526455.7975	-4638728.9452	3563275.0699	0.0037	0.0046	0.0043	34	10	54.923817	-118	34	28.756677	207.8053
LASC	LASC_SCGN_CS1998	-2512127.8828	-4664258.3117	3539831.3184	0.0037	0.0047	0.0042	33	55	40.596271	-118	18	23.432330	24.6600
LBC1	Long Beach CC 1	-2501110.3418	-4676855.1895	3530976.7608	0.0042	0.0050	0.0045	33	49	55.456268	-118	8	13.873971	-21.9761
LBC2	Long Beach CC 2	-2505229.7350	-4677476.9159	3527244.3526	0.0033	0.0041	0.0038	33	47	29.798169	-118	10	23.685214	-28.4596
LBCH	Long Beach	-2507799.0684	-4676369.4396	3526890.9485	0.0036	0.0046	0.0041	33	47	15.977584	-118	12	12.050879	-27.5811
LDES	LDES_SCGN_CS1998	-2349235.7295	-4725708.8517	3571543.2628	0.0032	0.0042	0.0038	34	16	2.422268	-116	25	58.099961	978.0773
LDSW	LDSW_SCGN_CS1999	-2318660.9999	-4710243.6302	3610867.0980	0.0033	0.0043	0.0040	34	41	57.933574	-116	12	32.918154	640.9548
LEBC	Lebec Rest Area	-2531322.9291	-4590794.8456	3622586.0109	0.0042	0.0053	0.0048	34	49	30.643957	-118	52	19.006720	1091.0536
LEEP	Mt. Lee	-2507463.6948	-4652631.7293	3559086.9243	0.0037	0.0047	0.0042	34	8	4.567999	-118	19	18.331516	485.0510
LEMA	Lemoore Maintena	-2556508.8588	-4467099.0527	3754377.9444	0.0036	0.0045	0.0042	36	17	31.288733	-119	46	56.606995	33.6099
LFRS	LFRS_SCGN_CS1998	-2515892.8297	-4650557.2058	3555266.7519	0.0037	0.0047	0.0043	34	5	42.257707	-118	24	46.185757	146.8969
LGWD	LagunaWoodCA2011	-2476170.0440	-4703545.4232	3513376.6439	0.0032	0.0041	0.0038	33	38	26.147476	-117	45	52.029954	88.6950
LICE	Alice (benchmark	-2272382.5597	-4577430.3037	3805338.8228	0.0041	0.0052	0.0047	36	51	23.857852	-116	24	4.570498	1108.1875
LINC	Lincoln	-2454249.7275	-4424434.4382	3875500.0211	0.0032	0.0039	0.0039	37	38	13.893745	-119	1	2.243726	3057.0357
LINJ	Lancaster Inject	-2477129.0983	-4631620.4009	3607500.2467	0.0033	0.0042	0.0039	34	39	43.280637	-118	8	21.133219	721.2334
LITT	Little Skull	-2268192.7669	-4587678.0160	3795464.6173	0.0030	0.0039	0.0036	36	44	45.139670	-116	18	29.666568	1056.4959
LJRN	Lone Juniper Ran	-2531657.5630	-4592198.2374	3621166.9420	0.0035	0.0044	0.0041	34	48	27.086571	-118	52	3.878772	1422.4576
LL01	Llano Zero 1	-2457799.7371	-4654745.7505	3591531.6279	0.0033	0.0041	0.0039	34	29	7.650708	-117	50	5.850812	1005.3120
LLAS	Lake Los Angeles	-2455014.9216	-4648886.9272	3600609.1472	0.0033	0.0042	0.0039	34	35	9.511876	-117	50	16.563117	812.4746
LMHG	Lake Mathews Hil	-2442694.5590	-4714190.2160	3523146.7574	0.0038	0.0048	0.0041	33	44	39.122787	-117	23	28.629317	464.5296
LMSG	Lake Mathews Sho	-2445018.4964	-4707850.4988	3529867.0298	0.0033	0.0043	0.0039	33	49	2.640233	-117	26	42.264120	413.1025
LNC1	Lincoln 1	-2587833.0881	-4247842.8162	3979064.2552	0.0038	0.0046	0.0045	38	50	47.439326	-121	21	0.855897	5.9163
LNC2	Lincoln 2	-2587856.5110	-4247828.7470	3979063.9430	0.0039	0.0047	0.0046	38	50	47.427959	-121	21	1.988932	5.8538
LNCO	Lindcove	-2497695.7137	-4495241.6975	3760516.7322	0.0046	0.0058	0.0052	36	21	35.844458	-119	3	28.468332	144.2905
LNMT	LNMT_SCGN_CS2000	-2367549.7058	-4658701.4346	3646833.0844	0.0035	0.0047	0.0042	35	5	24.725810	-116	56	22.755340	1345.2987
LOMP	Lompoc FS #51 GP	-2660393.5515	-4526095.9116	3609762.7449	0.0034	0.0042	0.0040	34	41	27.318887	-120	26	47.699025	63.5688
LONG	Longdon Yard	-2482077.9857	-4667438.7639	3556771.7990	0.0079	0.0106	0.0088	34	6	42.842832	-118	0	12.291218	74.2871
LORS	LORS_SCGN_CS1998	-2461266.2155	-4677290.5463	3558949.6228	0.0032	0.0041	0.0039	34	7	59.980559	-117	45	14.665077	448.8857
LOWS	LOWS_SCGN_CN2001	-2635114.9571	-4456749.9132	3713049.9397	0.0034	0.0041	0.0040	35	49	43.360388	-120	35	39.439397	428.6606
LPCG	Lone Pine Canyon	-2439386.8416	-4676774.2354	3576089.4819	0.0039	0.0052	0.0046	34	18	53.510488	-117	32	46.918176	1315.2494
LPHS	La Puente H.S.	-2480751.3823	-4674128.2323	3548946.2954	0.0034	0.0043	0.0040	34	1	36.374221	-117	57	24.206691	68.4795
LRA1	LBNL Lower Chick	-2689567.1877	-4263712.7577	3894574.3664	0.0096	0.0114	0.0092	37	52	28.415481	-122	14	38.018902	181.5428
LRA3	LBNL Upper Chick	-2689528.2269	-4263688.1947	3894660.6916	0.0048	0.0055	0.0048	37	52	31.453084	-122	14	37.206810	201.7347
LRRG	Little Rock Rese	-2472350.7996	-4643949.7889	3595261.3216	0.0036	0.0045	0.0043	34	31	37.414516	-118	1	47.966131	875.0044
LUTZ	Lutz	-2682295.8055	-4315123.2475	3842827.1753	0.0033	0.0040	0.0039	37	17	12.669112	-121	51	54.826786	94.9609
LVMS	Lockwood Valley	-2552870.1560	-4585907.4505	3614498.2195	0.0034	0.0043	0.0041	34	44	0.983547	-119	6	13.282574	1543.0813
LVWD	Las Vegas Valley	-2194651.3828	-4665700.3127	3742864.0117	0.0038	0.0051	0.0044	36	9	34.039083	-115	11	28.851515	631.6525
MASW	MASW_SCGN_CN2001	-2623331.9004	-4463670.9958	3713566.5675	0.0033	0.0040	0.0039	35	49	57.355541	-120	26	35.028575	713.7392
MAT2	MAT2_SCGN_CS2000	-2443204.7175	-4706038.9667	3533485.4980	0.0031	0.0040	0.0037	33	51	24.341923	-117	26	12.127936	398.3056
MATH	Lake Mathews	-2443215.8876	-4706036.9651	3533477.8228	0.0034	0.0044	0.0040	33	51	24.074131	-117	26	12.549450	396.8285
MCCM	Marconi Conferen	-2726644.2709	-4217947.0891	3918093.2988	0.0092	0.0096	0.0093	38	8	41.235178	-122	52	48.689617	-3.8195
MDMT	MDMT_PNGA_OR1999	-2445076.6242	-4033868.1070	4281176.4043	0.0045	0.0056	0.0055	42	25	6.026223	-121	13	17.770620	1710.5189
MEE1	MEE1_BARD_CN2003	-2636083.5002	-4429344.0500	3745415.6283	0.0033	0.0039	0.0037	36	11	12.852397	-120	45	30.976137	788.7710
MEE2	MEE2_BARD_CN2003	-2636890.3605	-4429249.2398	3744780.9887	0.0036	0.0042	0.0040	36	10	49.892131	-120	46	0.660785	681.4370
MERC	Mercury	-2245157.9547	-4607537.6737	3785494.8850	0.0034	0.0044	0.0041	36	37	57.040404	-115	58	44.464418	1256.9236
MHCB	Mt. Hamilton	-2664063.9680	-4323171.8002	3848361.4907	0.0032	0.0039	0.0038	37	20	29.517610	-121	38	33.292081	1261.7742
MHDL	Marin Headland	-2709308.9576	-4253690.9599	3891678.3463	0.0040	0.0048	0.0047	37	50	32.364136	-122	29	39.612203	65.8706
MHMS	Markham Middle S	-2506712.5385	-4666364.2621	3540838.8543	0.0037	0.0048	0.0046	33	56	20.601836	-118	14	38.889978	-2.4991
MIDA	MIDA_SCGN_CN1993	-2621557.1943	-4457842.1697	3721513.3453	0.0035	0.0045	0.0042	35	55	18.885483	-120	27	31.797335	570.6950
MIG1	MIG1_SCGN_CS2000	-2673548.5649	-4565822.9365	3550037.4836	0.0035	0.0044	0.0041	34	2	17.738864	-120	21	5.024163	130.9231
MILP	Milpitas - Starb	-2674288.1361	-4307461.6786	3857280.0224	0.0031	0.0037	0.0037	37	26	56.547543	-121	50	2.700444	336.2764
MINS	Minaret Summit	-2456963.1482	-4421388.8090	3876785.8595	0.0037	0.0048	0.0046	37	39	13.548197	-119	3	39.247188	2776.9014
MJPK	Modjeska Peak	-2457038.6149	-4709792.5067	3520995.4482	0.0035	0.0045	0.0041	33	42	52.138152	-117	33	1.707114	1527.9849
MLFP	MLFP_SCGN_CS1998	-2431725.3543	-4707759.8675	3539203.5205	0.0032	0.0041	0.0038	33	55	6.256729	-117	19	4.661858	472.9667
MNMC	MNMC_SCGN_CN2001	-2618261.2072	-4456647.1287	3726074.4193	0.0033	0.0041	0.0039	35	58	10.097904	-120	26	2.595639	1061.9283
MNRC	McLaughlin Mine	-2667448.4869	-4196293.8169	3982289.5890	0.0037	0.0044	0.0042	38	52	43.417650	-122	26	34.089895	707.7900
MODB	Modoc Plateau	-2399442.7634	-4105688.0651	4238581.9266	0.0050	0.0057	0.0059	41	54	8.368373	-120	18	10.200090	1567.2122
MOLA	Point Molate	-2699935.6465	-4251148.8115	3900756.9790	0.0057	0.0069	0.0065	37	56	47.674832	-122	25	11.742113	-20.3819
MONB	Monument Peak	-2675632.5154	-4304129.1269	3860728.5604	0.0031	0.0037	0.0037	37	29	7.174960	-121	52	0.726957	750.3436
MONP	Monument Peak	-2386247.4973	-4802359.0582	3444902.4185	0.0038	0.0048	0.0042	32	53	30.989428	-116	25	20.473102	1842.5499
MPWD	MPWD_SCGN_CS1998	-2547550.1979	-4619066.3751	3573682.0341	0.0037	0.0046	0.0042	34	17	43.846257	-118	52	40.873639	190.2392
MRDM	Morris Dam	-2470410.8879	-4669401.7367	3562728.3896	0.0037	0.0048	0.0043	34	10	30.828971	-117	52	54.088621	328.0460
MSCG	Mission Creek	-2373333.3233	-4729544.4408	3550497.4431	0.0035	0.0046	0.0040	34	2	18.606377	-116	38	52.661247	913.0743
MSHP	Mission Hills	-2677209.5490	-4296954.5017	3866626.5952	0.0036	0.0044	0.0041	37	33	22.763953	-121	55	29.616769	172.2058
MSOB	Mountain Skies O	-2414457.9135	-4695984.9372	3568621.2325	0.0060	0.0077	0.0062	34	13	51.041063	-117	12	36.462084	1733.1762
MTA1	Civic Center MTA	-2503443.8769	-4660012.3140	3551563.5830	0.0040	0.0050	0.0044	34	3	18.792049	-118	14	43.820052	72.6440
MTGG	Mataguay Scout C	-2396450.8174	-4775764.9940	3473046.7525	0.0032	0.0041	0.0039	33	11	56.989550	-116	38	50.023638	1066.7150
MULN	RW HWY 145 on Mc	-2571555.2307	-4437662.6639	3778752.7748	0.0035	0.0043	0.0041	36	33	54.303784	-120	5	29.805243	25.0757

STATION	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)
HOTK	2.05	2.06	5.72	4.22	8.01	11.00	-3.39	-17.26	3.62	0.51	0.96	1.29
HUNT	2.10	2.08	6.44	0.79	0.96	2.89	9.14	-27.46	1.31	0.06	0.06	0.16
HVYS	2.08	2.09	6.28	1.02	0.94	3.51	13.67	-39.36	-1.04	0.06	0.06	0.20
HW62	1.95	2.24	5.94	0.71	0.73	2.87	-8.36	-14.45	-1.16	0.10	0.08	0.37
I40A	2.04	2.14	6.07	0.96	0.76	2.89	-8.83	-15.16	0.55	0.08	0.04	0.20
IDOG	2.20	2.26	6.23	2.51	1.07	3.73	0.53	-22.16	1.00	0.67	0.18	0.63
IDQG	2.17	2.27	6.32	2.90	1.08	18.61	3.64	-23.39	-14.15	0.80	0.20	5.25
IID2	2.17	2.29	6.53	1.11	1.35	3.03	-6.59	-14.94	-2.19	0.10	0.12	0.18
IMPS	2.10	2.20	6.14	0.78	0.92	3.10	-8.06	-14.76	-0.68	0.04	0.04	0.20
ISLK	2.20	2.28	6.55	1.34	2.13	5.06	-0.19	-22.17	1.06	0.10	0.14	0.31
IVCO	1.97	2.34	6.74	0.91	1.42	2.85	10.48	-25.36	-1.84	0.18	0.33	0.29
JLN5	2.14	2.13	6.26	1.11	0.87	3.04	23.68	-37.73	1.20	0.43	0.29	1.00
JNHG	2.11	2.17	6.18	1.46	1.41	3.38	10.36	-30.49	2.10	0.51	0.35	0.67
JNPR	2.22	2.36	7.33	2.66	2.82	8.86	-1.21	-22.07	2.37	0.39	0.41	1.22
JOHN	2.01	2.14	6.35	0.90	0.94	3.17	-8.69	-15.40	-0.01	0.06	0.06	0.22
JPLM	2.34	2.42	6.16	2.54	1.39	4.37	13.21	-36.90	0.14	0.16	0.08	0.22
JRSC	2.05	2.18	6.02	1.59	1.40	3.75	18.00	-34.35	-1.08	0.41	0.24	0.69
KBRC	2.11	2.07	5.82	3.53	1.84	3.80	13.69	-38.28	-0.76	0.35	0.16	0.25
KNOL	2.08	2.09	5.78	4.91	7.03	13.30	-3.15	-22.21	1.78	0.49	0.73	1.33
KRAC	2.07	2.05	6.54	8.42	5.54	17.58	-1.22	-18.68	4.35	1.06	0.71	2.23
KYVW	2.15	2.41	5.79	1.02	1.00	2.86	-1.08	-19.29	0.77	0.06	0.06	0.16
LAND	2.08	2.03	5.65	1.24	1.05	3.00	17.32	-33.51	1.08	0.10	0.08	0.16
LAPC	2.10	2.23	6.64	0.98	1.06	3.32	17.28	-38.46	0.49	0.08	0.08	0.20
LASC	1.92	2.06	6.74	0.86	1.24	3.04	17.36	-37.94	-1.27	0.12	0.18	0.35
LBC1	2.13	2.30	7.24	1.75	2.12	12.29	17.27	-37.99	-2.85	0.12	0.14	1.08
LBC2	1.98	2.06	5.79	1.50	1.77	4.02	18.18	-38.17	1.32	0.14	0.16	0.29
LBCH	2.12	2.21	6.45	3.85	4.13	7.21	18.12	-39.56	0.07	0.27	0.27	0.47
LDES	1.81	1.99	5.89	0.86	0.94	3.14	1.06	-17.42	2.48	0.06	0.06	0.16
LDSW	2.09	2.18	6.03	2.13	1.48	3.14	-7.67	-16.98	1.29	0.20	0.12	0.16
LEBC	2.39	2.47	7.59	2.57	2.96	7.78	7.10	-30.67	-3.72	1.37	2.04	5.29
LEEP	2.30	2.32	6.53	1.41	1.36	4.24	14.09	-38.24	0.25	0.08	0.08	0.25
LEMA	2.21	2.23	6.46	5.06	2.20	36.38	3.09	-21.36	-194.58	1.53	0.65	10.92
LFRS	2.15	2.20	6.71	0.76	0.79	3.28	15.09	-38.48	0.12	0.04	0.04	0.20
LGWD	2.10	2.12	5.72	1.65	0.81	3.23	17.56	-38.35	-0.96	0.43	0.14	0.53
LICE	2.32	2.54	7.32	0.87	0.73	2.68	-8.90	-15.58	-0.30	0.20	0.12	0.59
LINC	2.06	2.07	5.62	4.10	5.90	7.61	-0.94	-21.10	-2.11	0.43	0.63	0.76
LINJ	2.15	2.16	5.92	1.11	1.10	4.07	7.09	-26.89	-2.16	0.06	0.06	0.25
LITT	1.72	1.94	5.59	0.78	0.74	2.73	-8.79	-15.55	-0.15	0.06	0.06	0.25
LJRN	2.18	2.22	6.25	2.14	3.07	6.22	7.66	-31.39	1.61	0.18	0.24	0.49
LL01	2.07	2.11	5.82	1.20	1.01	3.30	7.63	-28.71	0.07	0.08	0.06	0.18
LLAS	2.10	2.07	5.91	1.29	1.51	4.14	6.07	-26.11	-0.08	0.12	0.14	0.31
LMHG	1.91	2.10	6.73	4.59	8.87	3.39	19.48	-43.58	0.77	6.25	12.07	1.90
LMSG	2.09	2.10	5.98	4.62	9.23	3.05	19.87	-43.39	0.46	6.19	12.37	2.00
LNC1	2.09	2.06	6.86	0.67	0.77	3.07	-4.01	-22.47	0.00	0.06	0.08	0.31
LNC2	2.16	2.13	7.05	1.17	0.78	3.22	-4.06	-22.51	-0.06	0.24	0.12	0.53
LNCO	2.40	2.64	8.32	0.70	0.89	3.06	-0.87	-22.13	1.01	0.08	0.10	0.33
LNMT	1.94	2.16	6.54	1.27	1.61	2.83	-1.64	-19.02	-0.36	0.12	0.16	0.16
LOMP	2.10	2.04	5.99	0.99	0.71	3.17	26.16	-41.95	-1.42	0.61	0.16	1.59
LONG	3.23	4.19	14.93	3.14	2.67	9.87	11.48	-37.54	2.38	0.22	0.12	0.63
LORS	2.01	2.05	5.83	1.10	0.94	3.24	11.60	-35.33	-0.11	0.10	0.06	0.20
LOWS	2.03	2.01	5.99	0.68	0.72	2.68	20.53	-36.21	0.80	0.06	0.04	0.16
LPCG	2.20	2.32	7.30	2.00	1.78	5.06	6.66	-29.23	2.76	0.39	0.24	0.65
LPHS	2.02	2.13	6.14	1.37	1.69	3.74	15.45	-38.75	-2.34	0.14	0.18	0.33
LRA1	3.47	7.97	15.23	5.36	8.15	13.37	-5.78	-36.32	3.53	1.45	1.63	2.90
LRA3	1.96	3.10	7.91	3.35	3.39	4.95	0.62	-34.19	1.19	1.16	1.14	1.20
LRRG	2.18	2.21	6.47	1.44	0.99	3.56	9.05	-29.34	2.11	0.67	0.10	1.02
LUTZ	2.08	2.00	5.75	1.69	0.88	3.65	12.32	-31.82	-0.53	0.14	0.04	0.22
LVMS	2.16	2.16	6.17	1.19	1.15	3.60	10.49	-35.54	0.65	0.06	0.06	0.20
LVWD	2.18	2.48	6.97	1.25	1.32	4.05	-9.07	-14.82	-0.35	0.29	0.27	0.88
MASW	2.02	1.98	5.80	0.75	0.72	2.68	16.83	-34.10	1.28	0.06	0.04	0.18
MAT2	2.02	2.01	5.59	0.69	0.69	2.99	14.76	-34.87	-0.29	0.04	0.04	0.20
MATH	1.81	2.08	6.28	1.09	1.16	4.42	14.36	-34.99	0.61	0.18	0.20	0.71
MCCM	2.74	3.65	15.56	2.23	3.80	12.60	19.21	-34.61	1.69	0.49	0.90	2.84
MDMT	2.35	2.22	8.41	1.30	1.02	4.55	-7.02	-15.59	-2.01	0.10	0.08	0.37
MEE1	1.97	1.95	5.66	1.48	1.02	2.98	1.73	-21.85	2.11	0.18	0.10	0.25
MEE2	2.07	2.08	6.18	1.14	0.77	3.14	21.32	-39.40	2.08	0.12	0.06	0.27
MERC	2.08	2.21	6.24	1.13	0.97	3.06	-8.93	-15.33	-0.14	0.10	0.06	0.20
MHCB	2.02	1.99	5.71	1.23	1.22	2.96	0.38	-24.40	0.62	0.08	0.08	0.14
MHDL	2.22	2.14	7.23	2.00	2.27	6.26	14.53	-31.29	-0.84	0.31	0.37	0.92
MHMS	2.25	2.25	6.92	3.39	6.16	8.11	16.67	-37.94	-4.52	0.29	0.55	0.71
MIDA	2.06	2.12	6.47	1.55	2.43	5.23	9.41	-26.52	0.28	0.12	0.22	0.37
MIG1	2.10	2.08	6.31	1.32	1.10	3.59	24.81	-42.12	-0.45	0.10	0.06	0.22
MILP	2.02	1.96	5.45	1.32	0.91	3.10	7.05	-28.23	-0.90	0.37	0.14	0.59
MINS	2.30	2.28	6.85	3.18	5.13	7.73	-1.83	-21.25	-0.18	0.25	0.43	0.61
MJPK	2.12	2.26	6.29	1.08	1.52	3.04	16.56	-37.42	-0.59	0.08	0.12	0.20
MLFP	2.04	2.05	5.77	0.74	0.70	2.98	13.92	-34.03	-0.07	0.04	0.04	0.18
MNMC	2.07	2.05	5.90	1.10	1.10	3.04	6.41	-23.75	2.05	0.08	0.08	0.20
MNRC	2.12	1.99	6.53	1.48	1.15	3.48	1.78	-22.65	-1.06	0.35	0.22	0.57
MODB	2.48	2.57	8.94	1.26	1.29	4.79	-7.25	-16.76	0.25	0.10	0.10	0.35
MOLA	3.01	2.50	10.37	1.78	2.15	5.83	11.58	-30.20	0.15	0.37	0.45	1.22
MONB	2.03	1.95	5.33	0.75	0.96	2.92	5.04	-27.54	0.18	0.04	0.06	0.16
MONP	2.63	2.81	6.27	1.19	1.35	3.65	16.84	-38.53	-0.21	0.06	0.06	0.16
MPWD	2.13	2.18	6.54	0.85	0.86	3.29	18.32	-39.44	0.02	0.06	0.06	0.20
MRDM	2.13	2.23	6.74	1.15	1.11	4.13	11.34	-35.66	-0.19	0.12	0.12	0.35
MSCG	1.97	2.14	6.37	1.42	1.33	4.60	6.72	-23.37	0.91	0.20	0.16	0.57
MSHP	2.04	2.15	6.42	1.50	1.10	3.51	6.82	-27.13	-1.02	0.49	0.24	0.76
MSOB	2.48	3.07	10.84	2.17	1.27	4.90	4.91	-27.31	2.55	0.18	0.08	0.29
MTA1	2.03	2.28	7.13	2.02	2.46	8.58	13.32	-39.06	-1.16	0.27	0.33	1.16
MTGG	2.09	2.08	5.78	3.87	8.55	3.48	20.58	-49.48	0.95	5.19	11.60	2.53
MULN	2.17	2.17	6.23	2.93	2.37	14.66	-2.08	-21.97	-64.22	0.88	0.74	4.76

STATION	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mr	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
HOTK	-2438048.0031	-4430901.7947	3876822.9298	37	39	30.905402	-118	49	16.452821	2143.837	8.47	-3.15	2.44	0.116	2001.7192	2017.8233	Yes	-25.012	2168.849	HOTK
HUNT	-2618466.9102	-4462645.8740	3717747.9437	35	52	50.913847	-120	24	8.531552	449.935	21.52	-14.02	0.15	0.366	2001.6014	2017.8233	Yes	-33.424	483.359	HUNT
HVYS	-2568088.9988	-4597403.5208	3587129.0273	34	26	28.425553	-119	11	15.107363	374.599	25.62	-26.13	-2.16	0.272	2000.5697	2017.8233	Yes	-34.324	408.923	HVYS
HW62	-2222398.3787	-4799874.8860	3552541.5018	34	3	53.834433	-114	50	40.884249	221.550	2.03	-0.81	-2.21	0.106	2008.2008	2015.1137	No	-31.97	253.520	HW62
I40A	-2293430.2051	-4720734.9634	3613482.3537	34	43	38.355145	-115	54	41.167968	766.049	1.96	-1.46	-0.53	0.114	2000.9522	2017.8233	Yes	-31.341	797.390	I40A
IDOG	-2344500.9373	-4760145.0538	3527980.3871	33	47	48.460722	-116	13	17.402387	435.689	11.42	-8.75	-0.06		2011.0014	2017.8233	Yes	-32.702	468.391	IDOG
IDQG	-2346577.8439	-4760699.0822	3525080.1976	33	46	4.692971	-116	14	20.296228	-0.908	14.53	-9.99	-15.21		2011.0014	2017.8233	Yes	-32.964	32.056	IDQG
IID2	-2273074.6146	-4867571.4490	3426589.3433	32	42	22.194473	-115	1	54.442010	10.561	3.85	-1.70	-3.21	0.098	1999.6123	2017.8233	Yes	-34.548	45.109	IID2
IMPS	-2245205.5961	-4783198.7200	3561238.9340	34	9	27.213574	-115	8	42.312648	564.000	2.44	-1.13	-1.74	0.112	1999.3575	2017.8233	Yes	-32.041	596.041	IMPS
ISLK	-2473741.8397	-4560945.5087	3698290.7629	35	39	44.164630	-118	28	27.436398	824.020	11.52	-8.53	-0.07	0.144	1999.7603	2017.8233	Yes	-30.044	854.064	ISLK
IVCO	-2310141.1396	-4841837.4873	3438045.2311	32	49	45.768003	-115	30	24.400535	-52.655	21.10	-12.14	-2.87	0.183	2000.2090	2007.4836	No	-34.627	-18.028	IVCO
JLN5	-2652051.3315	-4443056.8001	3716880.6010	35	52	23.422529	-120	49	58.400623	141.516	36.21	-24.35	0.03		2014.0342	2017.8233	Yes	-34.08	175.596	JLN5
JNHG	-2468757.4097	-4651784.3107	3588355.9496	34	26	56.621530	-117	57	19.531428	1276.855	21.87	-17.11	1.00		2014.2534	2017.8233	Yes	-31.526	1308.381	JNHG
JNPR	-2454726.3176	-4413041.3081	3886863.0799	37	46	18.266616	-119	5	5.002789	2309.750	10.74	-7.97	1.18	0.349	1997.8288	2007.4836	No	-24.253	2334.003	JNPR
JOHN	-2259718.1142	-4612856.7355	3769777.8140	36	27	31.718004	-116	5	56.499100	872.430	2.18	-1.25	-1.13	0.116	1999.2589	2011.2808	No	-27.397	899.827	JOHN
JPLM	-2493303.9171	-4655216.2668	3565497.7410	34	12	17.347033	-118	10	23.577022	424.673	24.80	-23.61	-0.96	0.253	1990.6863	2017.8233	Yes	-33.43	458.103	JPLM
JRSC	-2705251.3081	-4291316.3482	3853391.7444	37	24	22.486690	-122	13	38.581305	144.788	31.02	-20.79	-2.30		2012.0014	2017.8233	Yes	-32.55	177.338	JRSC
KBRC	-2554983.1271	-4607758.8219	3583219.1591	34	23	54.694152	-119	0	29.470935	371.142	25.57	-25.04	-1.87		2000.9604	2017.8233	Yes	-34.678	405.820	KBRC
KNOL	-2450429.1820	-4424485.7953	3877180.1940	37	39	32.812199	-118	58	44.976323	2652.393	8.77	-8.12	0.60	0.161	1999.1027	2017.8233	Yes	-24.718	2677.111	KNOL
KRAC	-2440922.2265	-4425289.5280	3881774.5520	37	42	47.906166	-118	52	49.651942	2378.357	10.66	-4.57	3.17	0.131	2001.7192	2017.8233	Yes	-24.927	2403.284	KRAC
KYVW	-2337386.4318	-4755772.3755	3540416.9329	33	55	31.318063	-116	10	24.176185	1498.952	9.79	-5.83	-0.30	0.126	2001.5027	2017.8233	Yes	-31.578	1530.530	KYVW
LAND	-2623410.1538	-4458421.2511	3719524.1414	35	53	59.243313	-120	28	23.780009	569.166	29.73	-20.08	-0.09	0.484	1999.6479	2017.8233	Yes	-33.396	602.562	LAND
LAPC	-2526454.9177	-4638730.2576	3563275.2052	34	10	54.914110	-118	34	28.701993	208.487	29.01	-25.22	-0.61	0.275	1999.6726	2017.8233	Yes	-34.788	243.275	LAPC
LASC	-2512127.0050	-4664259.6280	3539831.4567	33	55	40.586544	-118	18	23.377939	25.353	28.99	-24.74	-2.36	0.274	1998.7877	2009.8068	No	-35.875	61.228	LASC
LBC1	-2501109.4649	-4676856.5075	3530976.9004	33	49	55.446504	-118	8	13.819725	-21.276	28.84	-24.80	-3.94	0.274	1998.8068	2017.8233	Yes	-35.752	14.476	LBC1
LBC2	-2505228.8582	-4677478.2341	3527244.4924	33	47	29.788437	-118	10	23.630975	-27.760	29.76	-24.99	0.23	0.277	1998.8068	2017.8233	Yes	-35.775	8.015	LBC2
LBCH	-2507798.1916	-4676370.7578	3526891.0882	33	47	15.967866	-118	12	11.996628	-26.882	29.71	-26.39	-1.02		1994.5493	2017.8233	Yes	-35.801	8.919	LBCH
LDES	-2349234.8539	-4725710.1721	3571543.4043	34	16	2.411585	-116	25	58.046345	978.812	12.03	-3.90	1.40	0.118	1999.1110	2017.8233	Yes	-31.077	1009.889	LDES
LDSW	-2318660.1224	-4710244.9470	3610867.2366	34	41	57.922611	-116	12	32.864375	641.686	3.22	-3.32	0.21	0.116	1999.7932	2017.8233	Yes	-31.477	673.163	LDSW
LEBC	-2531322.0451	-4590796.1499	3622586.1400	34	49	30.634143	-118	52	18.951483	1091.715	18.94	-17.30	-4.84		2010.7932	2015.5438	No	-31.486	1123.201	LEBC
LEEP	-2507462.8159	-4652633.0432	3559087.0609	34	8	4.558200	-118	19	18.276993	485.740	25.73	-24.99	-0.85	0.268	1995.2945	2017.8014	Yes	-34.515	520.255	LEEP
LEMA	-2556507.9646	-4467100.3384	3754378.0578	36	17	31.278805	-119	46	56.550300	34.218	15.26	-7.73	-195.74	1.646	2005.6945	2017.8233	Yes	-33.294	67.512	LEMA
LFRS	-2515891.9508	-4650558.5198	3555266.8885	34	5	42.247962	-118	24	46.131209	147.584	26.76	-25.25	-0.98	0.270	1999.2534	2017.8233	Yes	-34.985	182.569	LFRS
LGWD	-2476169.1690	-4703546.7448	3513376.7862	33	38	26.137628	-117	45	51.976020	89.408	29.00	-25.16	-2.04		2011.2644	2017.8233	Yes	-34.5	123.908	LGWD
LICE	-2272381.6696	-4577431.5971	3805338.9424	36	51	23.846120	-116	24	4.515108	1108.870	2.09	-1.36	-1.43	0.119	2006.2616	2010.6507	No	-27.388	1136.258	LICE
LINC	-2454248.8276	-4424435.7131	3875500.1258	37	38	13.883008	-119	1	2.186432	3057.637	10.99	-7.02	-3.29	0.145	1999.1027	2017.8233	Yes	-24.556	3082.193	LINC
LINJ	-2477128.2168	-4631621.7100	3607500.3796	34	39	43.270554	-118	8	21.078450	721.917	18.67	-13.47	-3.27	0.180	1998.1000	2017.8233	Yes	-32.295	754.212	LINJ
LITT	-2268191.8776	-4587679.3109	3795464.7381	36	44	45.127937	-116	18	29.611310	1057.183	2.16	-1.35	-1.28	0.118	1999.0726	2010.0644	No	-27.512	1084.695	LITT
LJRN	-2531656.6791	-4592199.5419	3621167.0713	34	48	27.076764	-118	52	3.823552	1423.119	19.50	-18.02	0.49	0.164	2000.9249	2017.8233	Yes	-31.492	1454.611	LJRN
LL01	-2457798.8573	-4654747.0627	3591531.7633	34	29	7.640560	-117	50	5.796316	1006.007	19.10	-15.30	-1.03	0.191	2000.6243	2017.8233	Yes	-31.669	1037.676	LL01
LLAS	-2455014.0413	-4648888.2383	3600609.2817	34	35	9.501689	-117	50	16.508553	813.167	17.54	-12.67	-1.18	0.172	1999.5658	2017.8233	Yes	-31.99	845.157	LLAS
LMHG	-2442693.6843	-4714191.5380	3523146.9002	33	44	39.112737	-117	23	28.575516	465.250	30.78	-30.32	-0.31		2016.0014	2017.8233	Yes	-33.008	498.258	LMHG
LMSG	-2445017.6212	-4707851.8198	3529867.1718	33	49	2.630177	-117	26	42.210246	413.820	31.19	-30.12	-0.62		2016.0014	2017.8233	Yes	-33.212	447.032	LMSG
LNC1	-2587832.1760	-4247844.0705	3979064.3405	38	50	47.429347	-121	21	0.796534	6.435	8.74	-8.44	-1.24	0.149	2003.5575	2015.4342	No	-30.005	36.440	LNC1
LNC2	-2587855.5989	-4247830.0014	3979064.0283	38	50	47.417980	-121	21	1.929569	6.372	8.69	-8.48	-1.30	0.149	2003.5575	2015.4342	No	-30.006	36.378	LNC2
LNCO	-2497694.8207	-4495242.9854	3760516.8476	36	21	35.834166	-119	3	28.411936	144.916	11.05	-8.39	-0.15	0.150	1999.7247	2009.5712	No	-30.649	175.565	LNCO
LNMT	-2367548.8245	-4658702.7441	3646833.2176	35	5	24.715023	-116	56	22.700916	1346.004	9.52	-5.34	-1.46	0.122	2000.9932	2017.8233	Yes	-31.011	1377.015	LNMT
LOMP	-2660392.6645	-4526097.2111	3609762.8692	34	41	27.309818	-120	26	47.643113	64.191	38.54	-28.82	-2.56		2015.3932	2017.8233	Yes	-35.932	100.123	LOMP
LONG	-2482077.1076	-4667440.0794	3556771.9368	34	6	42.832900	-118	0	12.236866	74.985	23.01	-24.25	1.29	0.257	1994.8753	2017.8233	Yes	-34.062	109.047	LONG
LORS	-2461265.3378	-4677291.8626	3558949.7612	34	7	59.970511	-117	45	14.610843	449.589	23.04	-22.01	-1.20	0.242	1999.7301	2017.8233	Yes	-33.062	482.651	LORS
LOWS	-2635114.0636	-4456751.2003	3713050.0541	35	49	43.350996	-120	35	39.382657	429.257	32.98	-22.81	-0.37	0.537	2001.5904	2017.8233	Yes	-33.794	463.051	LOWS
LPCG	-2439385.9633	-4676775.5506	3576089.6196	34	18	53.500282	-117	32	46.863943	1315.955	18.03	-15.83	1.67		2010.0014	2017.6562	Yes	-31.395	1347.350	LPCG
LPHS	-2480750.5047	-4674129.5489	3548946.4340	34	1	36.364302	-117	57	24.152417	69.180	26.96	-25.48	-3.43	0.256	1998.5630	2017.8233	Yes	-34.538	103.718	LPHS
LRA1	-2689566.2789	-4263714.0180	3894574.4568	37	52	28.406228	-122	14	37.959939	182.057	7.26	-22.65	2.30		2012.0342	2017.8233	Yes	-32.198	214.255	LRA1
LRA3	-2689527.3181	-4263689.4550	3894660.7821	37	52	31.443831	-122	14	37.147847	202.249	13.66	-20.52	-0.04		2012.0342	2017.8233	Yes	-32.195	234.444	LRA3
LRRG	-2472349.9192	-4643951.0998	3595261.4559	34	31	37.404438	-118	1	47.911508	875.693	20.59	-15.94	1.01		2014.5767	2017.8233	Yes	-31.938	907.631	LRRG
LUTZ	-2682294.9009	-4315124.5150	3842827.2724	37	17	12.659850	-121	51	54.768430	95.496	25.22	-18.24	-1.74		1996.3784	2017.8233	Yes	-32.575	128.071	LUTZ
LVMS	-2552869.2720	-4585908.7549	3614498.3485	34	44	0.973873	-119	6	13.227288	1543.738	22.41	-22.22	-0.47	0.239	1999.7466	2017.8233	Yes	-31.4	1575.138	LVMS
LVWD	-2194650.4991	-4665701.6183	3742864.1407	36	9	34.027050	-115	11	28.797295	632.379	1.47	-0.64	-1.45	0.112	2001.0014	2007.7411	No	-27.95	660.329	LVWD
MASW	-2623331.0072	-4463672.2834	3713566.6825	35	49	57.346080	-120	26	34.971906	714.340	29.23	-20.68	0.12	0.490	2001.6014	2017.8233	Yes	-33.521	747.861	MASW
MAT2	-2443203.8421	-4706040.2873	3533485.6397	33	51	24.331847	-117	26	12.074041	399.023	26.08	-21.58	-1.37	0.244	2000.8210	2017.8233	Yes	-33.209	432.232	MAT2
MATH	-2443215.0121	-4706038.2857	3533477.9645	33	51	24.064055	-117	26	12.495555	397.546	25.68	-21.70	-0.47		1993.3411	2002.1603	No	-33.209	430.755	MATH
MCCM	-2726643.3591	-4217948.3445	3918093.3842	38	8	41.226160	-122	52	48.630181	-3.327	32.46	-20.98	0.45		2012.0014	2017.8233	Yes	-32.261	28.934	MCCM
MDMT	-2445075.6922	-4033869.3287	4281176.4570	42	25	6.015212	-121	13	17.708079	1710.969	5.74	-0.70	-3.32	0.112	1999.8014	2017.8233	Yes	-21.802	1732.771	MDMT
MEE1	-2636082.6043	-4429345.3328	3745415.7390	36	11	12.842964	-120	45	30.919076	789.356	14.24	-8.38	0.93	0.147	2003.0562	2016.8730	No	-32.952	822.308	MEE1
MEE2	-2636889.4646	-4429250.5226	3744781.0995	36	10	49.882703	-120	46	0.603724	682.022	33.83	-25.94	0.90	0.292	2003.0562	2016.8757	No	-33.012	715.034	MEE2
MERC	-2245157.0668	-4607538.9711	3785495.0078	36	37	57.028558	-115	58	44.409425	1257.621	1.90	-1.12	-1.26	0.115	1999.2370	2017.8233	Yes	-26.873	1284.494	MERC
MHCB	-2664063.0636	-4323173.0679	3848361.5882	37	20	29.508231	-121	38	33.233793	1262.314	13.21	-10.77	-0.59	0.152	1996.4522	2017.8233	Yes	-31.545	1293.859	MHCB
MHDL	-2709308.0484	-4253692.2196	3891678.4360	37	50	32.355014	-122	29	39.553160	66.379	27.65	-17.67	-2.07		2007.0014	2017.8233	Yes	-32.495	98.874	MHDL
MHMS	-2506711.6608	-4666365.5785	3540838.9927	33	56	20.592077	-118	14	38.835612	-1.804	28.28	-24.73	-5.61		1999.7740	2017.8233	Yes	-35.792	33.988	MHMS
MIDA	-2621556.3006	-4457843.4564	3721513.4594	35	55	18.875998	-120	27	31.740594	571.293	21.81	-13.08	-0.89	0.349	1999.6507	2017.8233	Yes	-33.35	604.643	MIDA
MIG1	-2673547.6818	-4565824.2431	3550037.6136	34	2	17.729986	-120	21	4.968713	131.561	37.15	-29.15	-1.57	0.319	2000.4604	2017.8233	Yes	-36.424	167.985	MIG1
MILP	-2674287.2306	-4307462.9446	3857280.1182	37	26	56.538219	-121	50	2.641982	336.810	19.94	-14.60	-2.11		2012.2883	2017.8233	Yes	-32.174	368.984	MILP
MINS	-2456962.2481	-4421390.0836	3876785.9639	37	39	13.537475	-119	3	39.189856	2777.501	10.11	-7.17	-1.36	0.166	1995.9493	2017.8233	Yes	-24.54	2802.041	MINS
MJPK	-2457037.7400	-4709793.8283	3520995.5908	33	42	52.128190	-117	33	1.653261	1528.702	27.92	-24.18	-1.67	0.256	2001.5274	2017.8233	Yes	-33.219	1561.921	MJPK
MLFP	-2431724.4787	-4707761.1879	3539203.6621	33	55	6.246577	-117	19	4.607988	473.686	25.20	-20.71	-1.15	0.235	1999.0178	2017.8233	Yes	-32.869	506.555	MLFP
MNMC	-2618260.3132	-4456648.4149	3726074.5332	35	58	10.088394	-120	26	2.538882	1062.526	18.81	-10.29	0.88	0.316	2001.5877	2017.8233	Yes	-33.222	1095.748	MNMC
MNRC	-2667447.5721	-4196295.0668	3982289.6698	38	52	43.408215	-122	26	34.030054	708.280	14.90	-8.77	-2.31		2011.5137	2017.8233	Yes	-29.663	737.943	MNRC
MODB	-2399441.8364	-4105689.2948	4238581.9874	41	54	8.356992	-120	18	10.138463	1567.695	5.18	-1.85	-1.04	0.120	1999.8644	2017.8233	Yes	-21.139	1588.834	MODB
MOLA	-2699934.7368	-4251150.0705	3900757.0681	37	56	47.665644	-122	25	11.683019	-19.874	24.68	-16.54	-1.08		1993.7630	2002.5219	No	-32.274	12.400	MOLA
MONB	-2675631.6097	-4304130.3924	3860728.6558	37	29	7.165643	-121	52	0.668458	750.875	17.94	-13.91	-1.04	0.170	1998.5795	2017.8233	Yes	-32.17	783.045	MONB
MONP	-2386246.6294	-4802360.3935	3444902.5712	32	53	30.979328	-116	25	20.420353	1843.313	27.79	-25.39	-1.26	0.283	1994.2479	2017.8233	Yes	-31.81	1875.123	MONP
MPWD	-2547549.3168	-4619067.6851	3573682.1674	34	17	43.836640	-118	52	40.818732	190.910	30.15	-26.21	-1.09	0.283	1999.1274	2017.8233	Yes	-35.034	225.944	MPWD
MRDM	-2470410.0097	-4669403.0521	3562728.5272	34	10	30.818962	-117	52	54.034293	328.746	22.82	-22.34	-1.28	0.245	2000.3019	2017.2370	No	-32.988	361.734	MRDM
MSCG	-2373332.4485	-4729545.7627	3550497.5859	34	2	18.595884	-116	38	52.607661	913.808	17.76	-9.94	-0.17	0.151	2009.3082	2017.8233	Yes	-31.08	944.888	MSCG
MSHP	-2677208.6428	-4296955.7663	3866626.6896	37	33	22.754639	-121	55	29.558185	172.734	19.74	-13.49	-2.24		2012.2883	2017.8233	Yes	-32.321	205.055	MSHP
MSOB	-2414457.0365	-4695986.2547	3568621.3720	34	13	51.030744	-117	12	36.408086	1733.892	16.16	-13.89	1.46	0.183	1998.8178	2017.8233	Yes	-31.494	1765.386	MSOB
MTA1	-2503442.9985	-4660013.6292	3551563.7204	34	3	18.782245	-118	14	43.765613	73.337	24.93	-25.82	-2.26	0.275	2001.0890	2017.8233	Yes	-35.082	108.419	MTA1
MTGG	-2396449.9474	-4775766.3250	3473046.9020	33	11	56.979409	-116	38	49.970575	1067.466	31.61	-36.28	-0.11		2016.0014	2017.8233	Yes	-31.655	1099.121	MTGG
MULN	-2571554.3343	-4437663.9455	3778752.8848	36	33	54.293908	-120	5	29.748207	25.671	10.20	-8.32	-65.39		2006.9849	2017.8233	Yes	-33.293	58.964	MULN

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mm	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
MUSB	MUSB_BARD_CN1997	-2491802.7532	-4438642.3413	3833672.5438	0.0035	0.0045	0.0043	37	10	11.786796	-119	18	33.671093	2042.5236	2.07	2.14	6.51	1.27	1.70	5.71	-2.06	-22.10	0.92	0.10	0.14	0.45	-2491801.8552	-4438643.6198	3833672.6516	37	10	11.776354	-119	18	33.614002	2043.127	9.96	-8.18	-0.26	0.144	1997.8452	2017.8233	Yes	-27.658	2070.785	MUSB
MUSD	Mesa Union Schoo	-2566076.5828	-4611076.5354	3570485.9070	0.0035	0.0042	0.0039	34	15	41.779922	-119	5	45.802616	33.7875	1.92	2.13	6.04	1.20	1.32	4.30	17.57	-45.20	-2.06	0.41	0.41	1.35	-2566075.7014	-4611077.8449	3570486.0397	34	15	41.770413	-119	5	45.747622	34.454	29.48	-32.01	-3.17	0.334	1998.6315	2003.7055	No	-35.683	70.137	MUSD
MVFD	Montezuma Valley	-2386012.1267	-4780309.1196	3474201.1850	0.0038	0.0050	0.0044	33	12	39.145909	-116	31	31.141724	1190.0786	2.32	2.44	6.83	0.99	1.23	3.66	14.67	-36.37	-0.43	0.04	0.06	0.18	-2386011.2568	-4780310.4509	3474201.3349	33	12	39.135712	-116	31	31.088721	1190.832	25.66	-23.15	-1.49	0.256	1999.1822	2017.8233	Yes	-31.745	1222.577	MVFD
MWTP	Mammoth Water Tr	-2448252.2326	-4426828.9687	3875340.8137	0.0038	0.0048	0.0045	37	38	25.867851	-118	56	41.038195	2317.4279	2.26	2.29	6.88	9.31	4.13	15.13	-3.79	-22.56	3.14	1.00	0.41	1.55	-2448251.3328	-4426830.2439	3875340.9186	37	38	25.857074	-118	56	40.980924	2318.031	8.11	-8.47	1.96		1999.1055	2017.8233	Yes	-24.784	2342.815	MWTP
NBPS	NBPS_SCGN_CS1999	-2319111.5575	-4723838.3787	3593702.6034	0.0033	0.0043	0.0038	34	30	31.037859	-116	8	53.426029	1098.7950	1.91	2.12	5.99	0.80	1.00	3.01	-6.78	-14.39	-0.48	0.10	0.12	0.33	-2319110.6812	-4723839.6976	3593702.7437	34	30	31.026950	-116	8	53.372413	1099.532	4.09	-0.77	-1.56	0.103	1999.9712	2008.6954	No	-31.376	1130.908	NBPS
NDAP	NDAP_SCGN_CS2000	-2185095.3201	-4768564.7398	3616863.0999	0.0032	0.0042	0.0039	34	46	3.673603	-114	37	7.072060	241.3697	2.06	2.15	5.88	2.86	1.33	3.33	-9.30	-14.78	-0.75	0.29	0.10	0.20	-2185094.4454	-4768566.0625	3616863.2423	34	46	3.661891	-114	37	7.019123	242.140	1.02	-0.92	-1.82	0.115	2000.9959	2017.8233	Yes	-30.565	272.705	NDAP
NEVA	Nevada Test Site	-2265361.4176	-4581537.6705	3804890.4649	0.0040	0.0052	0.0047	36	51	1.261524	-116	18	37.064661	1290.1185	2.25	2.50	7.33	0.80	0.69	2.68	-8.84	-15.51	-0.35	0.20	0.12	0.55	-2265360.5278	-4581538.9643	3804890.5848	36	51	1.249752	-116	18	37.009327	1290.803	2.11	-1.28	-1.48	0.118	2006.2616	2010.6507	No	-27.153	1317.956	NEVA
NHRG	NHRG_SCGN_CS2000	-2563131.1682	-4597243.4980	3593103.1207	0.0032	0.0040	0.0038	34	29	55.170493	-119	8	28.547629	1648.7415	2.03	2.02	5.78	0.97	0.87	3.04	12.58	-38.33	-0.15	0.06	0.04	0.20	-2563130.2854	-4597244.8046	3593103.2516	34	29	55.160924	-119	8	28.492478	1649.402	24.51	-25.08	-1.27	0.263	2000.7227	2017.8233	Yes	-33.254	1682.656	NHRG
NOCO	Norco College	-2452229.3535	-4696753.1119	3539163.9655	0.0031	0.0039	0.0037	33	55	10.955042	-117	34	10.503737	186.7981	2.08	2.06	5.50	1.03	1.11	3.14	14.34	-34.88	-0.08	0.08	0.08	0.18	-2452228.4774	-4696754.4313	3539164.1063	33	55	10.944997	-117	34	10.449730	187.511	25.71	-21.59	-1.17	0.247	2000.1352	2017.8233	Yes	-33.708	221.219	NOCO
NOPE	Nopah	-2264584.4708	-4646164.5709	3725944.6139	0.0037	0.0047	0.0043	35	58	10.021122	-115	59	6.147824	844.1896	2.14	2.36	6.61	0.94	1.07	3.14	-8.84	-15.11	0.10	0.14	0.12	0.31	-2264583.5867	-4646165.8752	3725944.7424	35	58	10.009540	-115	59	6.093301	844.900	1.99	-1.08	-1.01	0.116	2006.2507	2013.5411	No	-28.59	873.490	NOPE
NOPK	North Park	-2513985.8511	-4659619.4282	3544601.5373	0.0034	0.0043	0.0041	33	58	47.054911	-118	20	52.855888	33.1197	2.15	2.15	6.16	2.04	2.43	4.16	16.71	-37.00	0.98	0.18	0.24	0.31	-2513984.9730	-4659620.7437	3544601.6749	33	58	47.045181	-118	20	52.801443	33.811	28.36	-23.79	-0.12		1999.2808	2017.8233	Yes	-35.752	69.563	NOPK
NSSS	Naval Space Surv	-2440112.9823	-4794640.4997	3414804.8330	0.0032	0.0042	0.0037	32	34	45.539609	-116	58	21.670590	123.5738	1.88	2.03	5.78	0.85	0.86	2.84	18.43	-39.18	-0.29	0.08	0.08	0.22	-2440112.1149	-4794641.8362	3414804.9864	32	34	45.529864	-116	58	21.617710	124.329	29.57	-26.19	-1.34	0.298	2000.5123	2017.8233	Yes	-34.488	158.817	NSSS
OAES	OAES_SCGN_CS1999	-2322404.3104	-4747381.2601	3559741.9707	0.0032	0.0041	0.0038	34	8	27.616387	-116	4	3.857118	604.7776	2.10	2.13	5.69	4.00	5.01	3.85	-5.82	-16.17	-0.03	0.35	0.45	0.24	-2322403.4363	-4747382.5834	3559742.1143	34	8	27.605594	-116	4	3.803779	605.524	5.02	-2.65	-1.10		1999.1904	2017.8233	Yes	-31.732	637.256	OAES
OAT2	Oat Mountain 2	-2524554.1689	-4630093.8665	3577352.3583	0.0031	0.0038	0.0036	34	19	47.614663	-118	36	4.980800	1112.6499	1.82	1.92	5.42	1.58	1.20	3.16	13.65	-38.02	5.12	0.43	0.27	0.61	-2524553.2883	-4630095.1772	3577352.4924	34	19	47.604916	-118	36	4.926019	1113.328	25.39	-24.75	4.01		1995.0753	2001.0178	No	-34.199	1147.527	OAT2
OCSD	Oceanside_CA2012	-2453024.7442	-4743151.2122	3476337.0496	0.0035	0.0047	0.0041	33	14	26.403745	-117	20	48.253758	42.8989	2.18	2.24	6.36	1.53	0.91	3.61	18.50	-39.04	-0.34	0.47	0.20	0.82	-2453023.8723	-4743152.5399	3476337.1965	33	14	26.393881	-117	20	48.200286	43.631	29.78	-25.91	-1.41		2012.2309	2017.8233	Yes	-34.338	77.969	OCSD
OEOC	Orange Emergency	-2471017.7163	-4697798.2958	3525085.4012	0.0038	0.0048	0.0044	33	45	57.094623	-117	44	38.900773	358.6100	2.24	2.41	6.79	1.02	0.88	3.11	16.83	-38.03	-0.64	0.10	0.06	0.20	-2471016.8407	-4697799.6161	3525085.5426	33	45	57.084718	-117	44	38.846774	359.321	28.26	-24.80	-1.72	0.269	2000.5314	2017.8233	Yes	-34.26	393.581	OEOC
OGHS	Orange Glen High	-2430835.7701	-4762197.5321	3466199.2430	0.0049	0.0063	0.0051	33	7	50.191954	-117	2	30.379753	185.2430	2.22	2.41	8.84	0.85	0.76	2.91	17.94	-38.43	-0.21	0.16	0.08	0.37	-2430834.8995	-4762198.8622	3466199.3918	33	7	50.182006	-117	2	30.326510	185.985	29.11	-25.30	-1.27	0.280	2000.1052	2008.2582	No	-33.058	219.043	OGHS
OHLN	Ohlone Park	-2686856.6079	-4254625.8308	3905990.5685	0.0037	0.0045	0.0044	38	0	22.512120	-122	16	22.771647	-0.5464	2.02	2.08	6.72	1.20	1.55	3.72	5.87	-26.48	-0.26	0.14	0.20	0.39	-2686855.6983	-4254627.0897	3905990.6577	38	0	22.502842	-122	16	22.712567	-0.035	18.92	-12.79	-1.49	0.170	2001.9055	2017.8233	Yes	-32.23	32.195	OHLN
OPBL	OPBL_SCGN_CS1999	-2303971.7510	-4741038.9950	3581079.5936	0.0033	0.0043	0.0040	34	22	11.573781	-115	55	5.011205	1226.5345	2.07	2.14	6.07	0.80	0.95	2.83	-7.27	-14.14	-0.29	0.04	0.06	0.16	-2303970.8759	-4741040.3164	3581079.7358	34	22	11.562829	-115	55	4.957807	1227.280	3.52	-0.53	-1.36	0.107	1999.9712	2017.8233	Yes	-31.688	1258.968	OPBL
OPCL	OPCL_SCGN_CS1999	-2334400.0056	-4722166.7649	3586423.0748	0.0030	0.0039	0.0037	34	25	39.777409	-116	18	19.651864	1312.9113	1.96	2.00	5.44	0.73	1.17	2.95	-2.54	-16.49	1.46	0.04	0.08	0.18	-2334399.1294	-4722168.0841	3586423.2154	34	25	39.766606	-116	18	19.598217	1313.646	8.39	-2.91	0.38	0.108	1999.8973	2017.8233	Yes	-31.213	1344.859	OPCL
OPCP	OPCP_SCGN_CS1999	-2317670.1155	-4734430.2422	3580754.1773	0.0060	0.0083	0.0068	34	22	1.663059	-116	5	0.145514	1096.6919	2.55	3.15	11.63	0.85	1.34	3.27	-5.63	-13.89	0.43	0.06	0.10	0.20	-2317669.2401	-4734431.5630	3580754.3190	34	22	1.652181	-116	5	0.092026	1097.433	5.21	-0.30	-0.65	0.111	1999.9603	2017.8233	Yes	-31.594	1129.027	OPCP
OPCX	OPCX_SCGN_CS1999	-2321405.9601	-4728238.2737	3586538.3249	0.0029	0.0038	0.0036	34	25	48.293918	-116	8	58.147809	1133.8311	2.02	2.03	5.25	0.71	1.08	2.64	-5.88	-14.17	1.03	0.04	0.08	0.14	-2321405.0842	-4728239.5935	3586538.4659	34	25	48.283043	-116	8	58.094244	1134.570	4.99	-0.57	-0.05	0.104	1999.8151	2017.8233	Yes	-31.482	1166.052	OPCX
OPRD	OPRD_SCGN_CS1999	-2330415.5085	-4716837.1882	3596104.8805	0.0032	0.0042	0.0039	34	31	58.911992	-116	17	32.211566	1400.2511	2.08	2.14	5.81	1.02	1.14	3.28	-4.19	-17.23	1.78	0.08	0.08	0.24	-2330414.6318	-4716838.5063	3596105.0203	34	31	58.901139	-116	17	32.157859	1400.984	6.73	-3.62	0.70	0.114	1999.8096	2017.8233	Yes	-31.231	1432.215	OPRD
ORES	ORES_SCGN_CS1999	-2645609.0480	-4531308.4581	3614198.2453	0.0037	0.0046	0.0043	34	44	20.622362	-120	16	42.825709	143.7037	2.07	2.12	6.65	2.29	2.11	17.38	23.06	-40.46	-11.63	0.22	0.20	1.65	-2645608.1612	-4531309.7577	3614198.3699	34	44	20.613201	-120	16	42.769845	144.330	35.39	-27.30	-12.77	0.321	1999.7822	2017.8233	Yes	-35.629	179.959	ORES
ORMT	ORMT_SCGN_CS2000	-2369508.2010	-4687759.9205	3609342.5014	0.0041	0.0053	0.0047	34	40	29.653896	-116	48	54.338846	1893.3344	2.30	2.42	7.47	0.87	1.45	3.05	0.54	-22.68	-0.02	0.06	0.12	0.20	-2369507.3224	-4687761.2348	3609342.6385	34	40	29.643223	-116	48	54.284770	1894.051	11.65	-9.10	-1.11	0.139	2000.6653	2017.8233	Yes	-30.909	1924.960	ORMT
ORVB	Oroville Dam	-2573122.1441	-4198905.4009	4040198.0872	0.0033	0.0041	0.0040	39	33	16.656611	-121	30	1.057269	340.0107	2.06	2.05	5.94	0.72	1.48	6.25	-4.60	-22.21	0.59	0.04	0.12	0.47	-2573121.2277	-4198906.6479	4040198.1656	39	33	16.646507	-121	30	0.997252	340.511	8.21	-8.03	-0.66	0.145	1996.8893	2017.8233	Yes	-27.322	367.833	ORVB
OVLS	OVLS_SCGN_CS1999	-2567782.1429	-4605455.5160	3576531.9440	0.0035	0.0046	0.0041	34	19	38.499442	-119	8	31.023820	69.1949	2.01	2.09	6.43	1.33	1.28	3.53	17.43	-39.44	-0.78	0.12	0.10	0.20	-2567781.2610	-4605456.8245	3576532.0761	34	19	38.489928	-119	8	30.968762	69.859	29.36	-26.24	-1.89	0.281	1999.4589	2017.8233	Yes	-35.494	105.353	OVLS
OXMT	Ox Mountain	-2716642.8709	-4276730.5629	3861635.4188	0.0063	0.0074	0.0066	37	29	57.712587	-122	25	27.552554	209.0632	2.23	2.38	11.28	1.18	1.32	5.12	20.35	-36.57	-1.51	0.14	0.14	0.55	-2716641.9637	-4276731.8262	3861635.5117	37	29	57.703531	-122	25	27.493805	209.580	33.44	-23.02	-2.73	0.272	2004.1161	2017.8233	Yes	-32.732	242.312	OXMT
OXYC	Occidental Colle	-2498228.3687	-4657747.5115	3558400.9271	0.0030	0.0038	0.0035	34	7	43.727475	-118	12	26.347313	209.8209	1.94	1.97	5.29	0.78	0.95	2.98	13.57	-37.50	-0.12	0.06	0.06	0.18	-2498227.4900	-4657748.8260	3558401.0640	34	7	43.717627	-118	12	26.292848	210.513	25.17	-24.23	-1.22	0.260	1999.7795	2017.8233	Yes	-34.274	244.787	OXYC
OZST	OZST_SCGN_CS2000	-2574194.1494	-4577156.9194	3609640.5983	0.0037	0.0046	0.0043	34	41	0.139621	-119	21	12.280893	1059.1774	2.16	2.17	6.64	1.31	1.09	3.72	12.97	-38.49	1.31	0.10	0.08	0.25	-2574193.2651	-4577158.2232	3609640.7268	34	41	0.130074	-119	21	12.225513	1059.829	24.98	-25.22	0.18	0.264	2000.8730	2017.8233	Yes	-32.415	1092.244	OZST
P003	MohawkvallAZ2006	-2185093.6915	-4906659.1771	3428139.4504	0.0034	0.0045	0.0041	32	43	21.157811	-114	0	17.831305	50.9625	2.18	2.30	6.23	0.75	0.86	3.28	-7.80	-14.55	0.50	0.06	0.06	0.27	-2185092.8294	-4906660.5248	3428139.6110	32	43	21.146751	-114	0	17.780010	51.790	2.27	-1.20	-0.51	0.100	2006.0507	2017.8233	Yes	-33.049	84.839	P003
P006	Lake_Mead_NV2007	-2134720.1632	-4693566.0906	3742234.7919	0.0032	0.0042	0.0040	36	9	15.073169	-114	27	24.889151	365.2301	2.11	2.24	5.89	1.24	1.60	4.48	-9.06	-14.01	0.73	0.18	0.24	0.55	-2134719.2810	-4693567.3994	3742234.9228	36	9	15.060790	-114	27	24.835351	365.974	1.21	0.25	-0.36		2007.7192	2017.8233	Yes	-27.895	393.869	P006
P010	AubreyPeakAZ2007	-2113926.7327	-4808510.4967	3608363.8855	0.0029	0.0037	0.0036	34	40	2.141599	-113	43	52.839608	1399.0487	2.01	2.08	5.10	1.80	0.97	3.09	-9.12	-14.35	-0.54	0.27	0.10	0.35	-2113925.8603	-4808511.8243	3608364.0310	34	40	2.129537	-113	43	52.787268	1399.842	0.87	-0.42	-1.59		2007.0671	2017.8233	Yes	-28.926	1428.768	P010
P017	HaysPeak__NV2006	-2396432.7998	-4161553.4154	4187076.0883	0.0033	0.0041	0.0040	41	16	33.223908	-119	56	7.844004	2390.6295	2.07	2.07	5.87	0.83	1.27	4.08	-7.45	-17.23	-0.19	0.08	0.12	0.45	-2396431.8772	-4161554.6521	4187076.1565	41	16	33.212506	-119	56	7.783156	2391.134	4.85	-2.40	-1.46	0.126	2006.6479	2017.8233	Yes	-21.405	2412.539	P017
P056	PotervilleCS2005	-2508652.7925	-4514040.4179	3730713.9547	0.0037	0.0046	0.0043	36	1	38.774434	-119	3	46.341352	101.5249	2.18	2.25	6.60	1.31	1.89	23.90	-0.10	-23.92	-39.50	0.20	0.29	3.82	-2508651.9014	-4514041.7091	3730714.0729	36	1	38.764263	-119	3	46.285189	102.157	11.82	-10.26	-40.65	0.303	2005.8781	2016.8101	No	-32.046	134.203	P056
P058	HumboldtStCN2005	-2705947.2276	-4000370.3623	4152060.3956	0.0041	0.0046	0.0046	40	52	34.701841	-124	4	31.335190	21.4204	2.16	2.07	7.02	0.78	0.97	3.31	4.50	-10.75	0.01	0.08	0.10	0.27	-2705946.2977	-4000371.5878	4152060.4516	40	52	34.692736	-124	4	31.272971	21.831	18.19	3.32	-1.30	0.069	2005.8589	2017.8233	Yes	-30.142	51.973	P058
P059	PointArenaCN2006	-2758534.8952	-4132153.7563	3986125.0197	0.0032	0.0037	0.0038	38	55	42.051963	-123	43	34.324031	-11.2988	2.03	1.96	5.51	0.77	0.78	2.75	23.72	-37.11	-0.62	0.10	0.08	0.27	-2758533.9770	-4132155.0010	3986125.0947	38	55	42.043154	-123	43	34.263633	-10.843	37.26	-23.42	-1.89	0.291	2006.8205	2017.8233	Yes	-32.311	21.468	P059
P060	PollardFltCN2005	-2584326.0340	-4069908.5056	4162507.3350	0.0042	0.0051	0.0050	40	59	51.474462	-122	24	53.591443	430.8129	2.29	2.22	7.61	1.10	1.32	4.76	-5.62	-18.52	-0.05	0.10	0.14	0.51	-2584325.1074	-4069909.7359	4162507.3966	40	59	51.464450	-122	24	53.529760	431.262	7.52	-4.15	-1.34	0.130	2005.8205	2017.8233	Yes	-25.255	456.517	P060
P066	JacumbaAp_CS2004	-2371966.8536	-4826895.7442	3418658.1997	0.0034	0.0044	0.0040	32	36	59.492538	-116	10	11.248858	822.8642	2.21	2.25	6.14	0.80	1.20	3.81	17.67	-38.88	-0.71	0.06	0.08	0.27	-2371965.9878	-4826897.0836	3418658.3553	32	36	59.482445	-116	10	11.196399	823.639	28.53	-25.79	-1.75	0.291	2004.5997	2017.8233	Yes	-32.641	856.280	P066
P067	CleggRanchCS2004	-2675936.4332	-4452984.2474	3687903.4830	0.0035	0.0042	0.0040	35	33	6.316466	-121	0	10.671237	106.9958	2.16	2.11	6.06	0.78	0.82	3.38	23.74	-39.59	-0.02	0.04	0.04	0.25	-2675935.5402	-4452985.5357	3687903.5981	35	33	6.307353	-121	0	10.614500	107.587	36.32	-26.32	-1.18	0.308	2004.0342	2017.8233	Yes	-34.592	142.179	P067
P090	DRI_Reno__NV2007	-2447198.1054	-4273073.7867	4042495.2149	0.0038	0.0048	0.0046	39	34	22.090840	-119	47	59.479245	1503.6553	2.28	2.32	6.89	1.12	1.47	3.83	-5.86	-19.73	0.39	0.08	0.14	0.41	-2447197.1928	-4273075.0399	4042495.2994	39	34	22.079864	-119	47	59.419985	1504.198	6.36	-5.29	-0.84	0.137	2007.8562	2017.8233	Yes	-24.006	1528.204	P090
P091	Hunter_MtnCS2007	-2369987.5069	-4546590.5797	3784298.1634	0.0030	0.0038	0.0037	36	36	51.565391	-117	31	53.555478	1966.8455	1.97	2.00	5.40	1.15	0.83	2.86	-6.69	-17.10	-0.41	0.12	0.08	0.25	-2369986.6158	-4546591.8709	3784298.2818	36	36	51.554296	-117	31	53.499682	1967.505	4.70	-3.09	-1.55	0.122	2007.1274	2017.8233	Yes	-27.644	1995.149	P091
P092	White__TopCS2006	-2354354.3012	-4540690.0508	3801308.9619	0.0029	0.0036	0.0036	36	48	15.097798	-117	24	24.494261	2157.0685	1.98	1.98	5.11	1.72	0.87	2.63	-7.05	-16.70	-0.42	0.29	0.08	0.27	-2354353.4094	-4540691.3406	3801309.0790	36	48	15.086574	-117	24	24.438391	2157.727	4.30	-2.62	-1.57		2006.9247	2017.8233	Yes	-27.364	2185.091	P092
P093	HaystackHiCS2007	-2406640.1462	-4527347.5439	3783184.3291	0.0032	0.0040	0.0038	36	36	21.688984	-117	59	38.927912	1339.0608	2.06	2.06	5.70	0.90	1.07	3.76	-4.46	-19.08	-0.28	0.08	0.08	0.33	-2406639.2542	-4527348.8334	3783184.4461	36	36	21.678108	-117	59	38.871878	1339.709	7.09	-5.13	-1.43	0.131	2007.2397	2017.8233	Yes	-27.34	1367.049	P093
P094	LastChanceCS2006	-2365411.6859	-4504643.7564	3836215.5891	0.0031	0.0040	0.0037	37	12	3.007008	-117	42	15.105630	1729.2177	1.95	2.03	5.61	0.81	0.77	2.64	-7.53	-17.01	-0.05	0.08	0.06	0.24	-2365410.7912	-4504645.0410	3836215.7018	37	12	2.995779	-117	42	15.049306	1729.861	3.93	-2.87	-1.21	0.124	2006.8890	2017.8233	Yes	-26.707	1756.568	P094
P133	BuckleyFltNV2006	-2375069.7467	-4381587.1814	3969626.0367	0.0038	0.0048	0.0046	38	43	28.565644	-118	27	36.771780	1781.8148	2.18	2.35	6.92	0.96	0.67	2.53	-6.91	-17.48	0.28	0.10	0.06	0.24	-2375068.8417	-4381588.4478	3969626.1334	38	43	28.554258	-118	27	36.713877	1782.408	4.84	-3.06	-0.92	0.125	2006.8644	2017.8233	Yes	-24.485	1806.893	P133
P134	MinersRidgNV2006	-2402350.4066	-4346395.3603	3991853.1927	0.0036	0.0045	0.0044	38	58	51.150313	-118	55	49.495028	1885.9803	2.20	2.28	6.45	0.69	0.80	2.47	-5.90	-18.56	-0.09	0.06	0.06	0.25	-2402349.4992	-4346396.6224	3991853.2856	38	58	51.139081	-118	55	49.436684	1886.556	6.01	-4.14	-1.30	0.130	2006.8644	2017.7904	Yes	-24.74	1911.296	P134
P135	Cambridge_NV2006	-2418051.4516	-4359521.2450	3967838.8179	0.0037	0.0046	0.0044	38	42	16.636350	-119	0	55.344127	1692.1354	2.15	2.30	6.64	2.19	1.81	3.35	-5.44	-19.36	0.04	0.39	0.27	0.47	-2418050.5456	-4359522.5095	3967838.9129	38	42	16.625250	-119	0	55.285968	1692.715	6.50	-5.02	-1.17	0.134	2006.8644	2017.2863	No	-24.698	1717.413	P135
P136	S_Camp_CynNV2006	-2449789.7963	-4337310.8872	3972804.8349	0.0035	0.0046	0.0043	38	45	40.919726	-119	27	30.702525	1773.2633	2.08	2.15	6.57	1.08	1.52	4.51	-4.31	-20.18	0.06	0.08	0.14	0.47	-2449788.8889	-4337312.1494	3972804.9280	38	45	40.908831	-119	27	30.644109	1773.831	7.79	-5.89	-1.15	0.137	2006.8699	2017.3192	Yes	-24.616	1798.447	P136
P139	PaiuteCyn_NV2006	-2429624.3084	-4255708.7681	4071149.0877	0.0036	0.0044	0.0043	39	54	29.515128	-119	43	20.833826	1522.9912	2.16	2.15	6.38	1.01	1.36	3.61	-6.53	-19.32	-0.03	0.08	0.12	0.31	-2429623.3940	-4255710.0184	4071149.1694	39	54	29.504009	-119	43	20.774310	1523.529	5.67	-4.79	-1.27	0.135	2006.8753	2017.8233	Yes	-23.55	1547.079	P139
P140	SlateMtn__CN2006	-2539992.4642	-4278992.1653	3978243.3308	0.0039	0.0045	0.0044	38	49	45.244515	-120	41	35.508270	1079.2230	2.07	2.12	6.77	0.73	0.75	3.66	-3.77	-22.22	0.29	0.08	0.06	0.45	-2539991.5537	-4278993.4222	3978243.4188	38	49	45.234217	-120	41	35.449223	1079.758	8.75	-8.09	-0.94	0.150	2006.5493	2017.8233	Yes	-26.517	1106.275	P140
P141	BunkerhillCN2006	-2509738.0359	-4280211.5835	3997706.1553	0.0038	0.0047	0.0044	39	2	47.876218	-120	23	8.110444	2170.3719	2.21	2.23	6.73	1.69	1.25	6.03	-3.75	-22.12	-0.22	0.27	0.18	1.00	-2509737.1250	-4280212.8394	3997706.2426	39	2	47.865705	-120	23	8.051368	2170.910	8.67	-7.89	-1.45	0.151	2006.7986	2017.8233	Yes	-24.081	2194.991	P141
P142	voltairecnnv2008	-2463842.2933	-4300245.4111	4004091.9026	0.0039	0.0050	0.0047	39	7	24.717446	-119	48	38.590009	1784.9174	2.28	2.31	7.15	1.28	2.52	5.32	-4.35	-21.07	0.27	0.16	0.25	0.69	-2463841.3832	-4300246.6685	4004091.9912	39	7	24.706615	-119	48	38.531128	1785.469	7.87	-6.74	-0.95	0.142	2008.3702	2017.8233	Yes	-24.385	1809.854	P142
P143	IndianCrk_CN2007	-2472968.5169	-4324197.6745	3972676.0689	0.0039	0.0049	0.0047	38	45	36.598889	-119	45	53.418573	1733.5839	2.32	2.38	7.13	1.62	1.99	4.97	-3.57	-21.72	0.10	0.25	0.22	0.67	-2472967.6089	-4324198.9355	3972676.1609	38	45	36.588148	-119	45	53.360014	1734.144	8.63	-7.47	-1.12		2007.7164	2017.8233	Yes	-24.449	1758.593	P143
P144	PliocenRdgCN2007	-2532095.9095	-4231999.2018	4033363.6491	0.0038	0.0045	0.0043	39	28	0.132163	-120	53	34.757578	1436.8654	2.08	2.10	6.68	0.87	0.89	3.70	-4.32	-21.94	-0.25	0.08	0.10	0.51	-2532094.9950	-4232000.4518	4033363.7306	39	28	0.121779	-120	53	34.697913	1437.383	8.28	-7.69	-1.49	0.149	2007.8205	2017.8233	Yes	-24.534	1461.917	P144
P145	Fern_PointNV2005	-2370593.9653	-4168877.4666	4193481.3783	0.0033	0.0041	0.0041	41	21	27.675441	-119	37	27.581684	1755.1877	2.14	2.13	5.99	0.87	0.84	2.67	-7.83	-17.26	-0.36	0.08	0.06	0.24	-2370593.0428	-4168878.7037	4193481.4467	41	21	27.663845	-119	37	27.520895	1755.698	4.36	-2.37	-1.63	0.126	2005.8808	2017.8233	Yes	-21.288	1776.986	P145
P146	SignalPeakCN2006	-2510762.0437	-4256089.4264	4022850.8997	0.0032	0.0039	0.0038	39	20	14.867683	-120	32	14.287929	2347.2869	2.07	2.02	5.61	1.79	1.59	4.48	-4.11	-21.72	-0.19	0.29	0.25	0.73	-2510761.1308	-4256090.6789	4022850.9838	39	20	14.857160	-120	32	14.228542	2347.816	8.37	-7.44	-1.43	0.148	2006.6288	2017.8233	Yes	-23.538	2371.354	P146
P147	DixieMtn__CN2007	-2470571.5585	-4230517.6474	4074255.1185	0.0032	0.0039	0.0039	39	56	14.589399	-120	17	3.897031	2488.9022	2.08	2.06	5.70	0.87	0.97	3.19	-5.48	-20.31	0.06	0.10	0.10	0.43	-2470570.6427	-4230518.8951	4074255.1981	39	56	14.578569	-120	17	3.837244	2489.425	6.92	-5.85	-1.19	0.139	2007.7356	2017.8233	Yes	-23.041	2512.466	P147
P148	GoatMtn___CN2006	-2490964.1091	-4177642.4867	4114508.7681	0.0049	0.0060	0.0057	40	25	6.914955	-120	48	21.468533	1584.5459	2.58	2.60	8.89	1.53	1.29	3.54	-5.97	-19.01	1.36	0.16	0.12	0.39	-2490963.1894	-4177643.7281	4114508.8412	40	25	6.904254	-120	48	21.408074	1585.047	6.61	-4.52	0.10	0.133	2006.6205	2017.8233	Yes	-22.876	1607.923	P148
P149	BabbittPk_CN2008	-2469315.1567	-4258939.4440	4045726.0464	0.0034	0.0043	0.0041	39	36	7.665962	-120	6	17.917939	2634.6894	2.12	2.11	6.16	0.98	1.68	4.04	-5.36	-20.33	0.69	0.14	0.27	0.69	-2469314.2432	-4258940.6956	4045726.1297	39	36	7.655140	-120	6	17.858526	2635.224	6.97	-5.92	-0.55	0.139	2008.7145	2017.5877	Yes	-23.386	2658.610	P149
P150	MartisPeakCN2008	-2474961.3098	-4280914.9374	4019149.1724	0.0037	0.0044	0.0044	39	17	32.567452	-120	2	1.881032	2619.0810	2.17	2.26	6.57	1.19	1.79	7.29	-4.80	-21.28	-0.05	0.18	0.33	1.41	-2474960.3982	-4280916.1922	4019149.2588	39	17	32.556688	-120	2	1.821916	2619.623	7.50	-6.94	-1.28	0.145	2008.6954	2017.8233	Yes	-23.559	2643.182	P150
P154	IshkeshRchCN2007	-2618368.5003	-3976995.1239	4229869.1262	0.0049	0.0058	0.0058	41	48	25.496069	-123	21	36.186978	319.8854	2.72	2.51	8.74	1.17	1.20	4.18	-3.96	-14.52	-0.03	0.12	0.12	0.45	-2618367.5670	-3976996.3435	4229869.1765	41	48	25.486368	-123	21	36.124154	320.296	9.51	-0.12	-1.35	0.101	2007.3548	2017.8233	Yes	-25.214	345.510	P154
P156	GibsonRdg_CN2006	-2728552.9689	-4059578.4080	4080378.7452	0.0052	0.0064	0.0066	40	1	27.995271	-123	54	22.032807	488.9801	2.71	2.69	9.89	1.13	1.29	4.40	11.88	-32.00	-1.32	0.12	0.16	0.45	-2728552.0442	-4059579.6418	4080378.8098	40	1	27.986282	-123	54	21.971419	489.411	25.50	-18.09	-2.61	0.223	2006.4342	2017.8233	Yes	-30.426	519.837	P156
P157	GordaTwo__CN2006	-2748053.0503	-4027275.5234	4099453.1396	0.0031	0.0036	0.0036	40	14	51.172246	-124	18	29.075947	695.8121	1.90	1.87	5.31	1.27	0.87	3.34	20.07	-31.26	0.22	0.10	0.08	0.25	-2748052.1233	-4027276.7537	4099453.2005	40	14	51.163414	-124	18	29.014217	696.228	33.83	-17.37	-1.08	0.244	2006.3575	2017.8233	Yes	-31.121	727.349	P157
P158	MonumntRdgCN2004	-2726942.0903	-4026585.1003	4114377.9267	0.0036	0.0043	0.0042	40	25	20.967686	-124	6	25.955808	873.7110	2.20	2.08	6.28	2.04	1.10	5.27	10.03	-17.84	4.02	0.24	0.10	0.63	-2726941.1628	-4026586.3297	4114377.9868	40	25	20.958708	-124	6	25.893999	874.129	23.72	-3.88	2.72	0.133	2004.5997	2017.8233	Yes	-30.572	904.701	P158
P159	BearRvrRdgCN2006	-2735813.3505	-4013142.2220	4121159.1712	0.0032	0.0037	0.0039	40	30	17.235363	-124	16	58.020690	608.2067	2.07	1.96	5.56	1.43	0.93	3.00	14.10	-14.84	-0.92	0.14	0.10	0.27	-2735812.4222	-4013143.4500	4121159.2298	40	30	17.226457	-124	16	57.958739	608.619	27.85	-0.89	-2.23	0.126	2006.8151	2017.8233	Yes	-31.103	639.722	P159
P160	RohnerAir_CN2005	-2723231.2477	-4017168.7460	4124747.1991	0.0030	0.0034	0.0036	40	33	4.508504	-124	7	59.781093	94.2288	1.99	1.90	5.08	0.80	1.09	3.31	8.71	-14.83	0.29	0.06	0.12	0.29	-2723230.3194	-4017169.9742	4124747.2579	40	33	4.499506	-124	7	59.719149	94.644	22.41	-0.84	-1.02	0.106	2005.3384	2017.8233	Yes	-30.949	125.593	P160
P161	OswaldPropCN2005	-2725299.6445	-4008187.0286	4131968.0486	0.0035	0.0039	0.0042	40	38	14.508132	-124	12	47.113010	32.4302	2.01	1.96	6.05	1.01	1.06	3.21	9.13	-11.60	-1.45	0.10	0.12	0.27	-2725298.7156	-4008188.2557	4131968.1063	40	38	14.499156	-124	12	47.050958	32.842	22.86	2.39	-2.76	0.089	2005.3466	2017.8233	Yes	-31.121	63.963	P161
P162	RedwoodsCCCN2004	-2724770.7738	-4003808.6913	4136468.7513	0.0031	0.0037	0.0038	40	41	27.942582	-124	14	13.335273	-6.4775	2.05	1.94	5.48	0.72	1.05	2.87	8.77	-9.84	-1.61	0.06	0.12	0.24	-2724769.8446	-4003809.9178	4136468.8083	40	41	27.933605	-124	14	13.273163	-6.068	22.51	4.16	-2.92	0.080	2004.6954	2017.8233	Yes	-31.129	25.061	P162
P163	PringleRdgCN2006	-2731407.4428	-4040756.4871	4096906.7107	0.0034	0.0040	0.0039	40	13	10.459789	-124	3	26.252945	425.2732	2.03	1.97	5.88	1.56	1.44	3.89	12.12	-26.41	1.85	0.14	0.18	0.39	-2731406.5166	-4040757.7186	4096906.7729	40	13	10.450831	-124	3	26.191329	425.696	25.79	-12.48	0.55	0.192	2006.4315	2017.8233	Yes	-30.626	456.322	P163
P164	PrattMtn__CN2004	-2709978.0802	-4064463.6381	4088860.4099	0.0037	0.0043	0.0042	40	7	9.323158	-123	41	36.035362	1148.3100	2.15	2.01	6.39	0.99	1.13	3.15	3.39	-26.66	-0.02	0.08	0.10	0.27	-2709977.1554	-4064464.8717	4088860.4745	40	7	9.314040	-123	41	35.973979	1148.744	16.94	-12.69	-1.31	0.177	2004.6079	2017.8233	Yes	-29.995	1178.739	P164
P165	BurghRanchCN2006	-2716014.6378	-4048986.1689	4099186.6924	0.0040	0.0048	0.0047	40	14	43.976265	-123	51	11.761330	545.6461	2.30	2.31	7.16	1.36	1.30	3.62	5.69	-23.56	1.14	0.14	0.16	0.39	-2716013.7119	-4048987.4008	4099186.7552	40	14	43.967196	-123	51	11.699769	546.074	19.30	-9.59	-0.16	0.157	2006.4342	2017.8233	Yes	-30.442	576.516	P165
P166	ChalkMtn__CN2005	-2709145.2684	-4037288.6845	4115315.7461	0.0038	0.0041	0.0042	40	26	6.660276	-123	51	46.188599	665.2896	2.05	1.98	6.34	1.07	0.92	3.50	4.20	-18.34	0.94	0.08	0.08	0.31	-2709144.3415	-4037289.9146	4115315.8071	40	26	6.651167	-123	51	46.126867	665.714	17.81	-4.33	-0.36	0.120	2005.8342	2017.8233	Yes	-30.085	695.799	P166
P167	BaldJesse_CN2005	-2706156.0441	-4030196.0290	4124712.8178	0.0032	0.0037	0.0038	40	32	37.335719	-123	52	48.644314	1021.1508	2.04	1.95	5.43	1.24	0.95	2.89	3.33	-16.39	0.58	0.14	0.10	0.27	-2706155.1165	-4030197.2580	4124712.8778	40	32	37.326595	-123	52	48.582483	1021.572	16.95	-2.36	-0.72	0.105	2005.7110	2017.8233	Yes	-29.728	1051.300	P167
P168	IaquaButteCN2005	-2701242.2551	-4022683.5195	4135294.3143	0.0033	0.0038	0.0039	40	40	7.095096	-123	52	53.261076	1093.4745	2.09	1.99	5.60	1.08	0.88	2.87	2.78	-14.12	1.02	0.12	0.08	0.29	-2701241.3268	-4022684.7475	4135294.3731	40	40	7.085944	-123	52	53.199132	1093.894	16.40	-0.06	-0.28	0.089	2005.7055	2017.8233	Yes	-29.36	1123.254	P168
P169	FickleHillCN2004	-2702159.2741	-4010998.4579	4145341.3391	0.0030	0.0035	0.0036	40	47	28.121607	-123	58	3.554198	689.3914	1.99	1.91	5.18	0.68	0.91	2.61	3.36	-12.06	1.57	0.04	0.08	0.22	-2702158.3449	-4010999.6845	4145341.3964	40	47	28.112469	-123	58	3.492105	689.806	17.01	2.01	0.26	0.076	2004.4003	2017.8233	Yes	-29.593	719.399	P169
P170	BALDMTN___CN2004	-2691339.5835	-4010685.3936	4152976.9703	0.0059	0.0069	0.0068	40	52	48.836908	-123	51	47.817821	918.1442	3.16	2.72	10.48	0.94	1.12	3.89	-0.15	-14.32	2.61	0.10	0.14	0.47	-2691338.6541	-4010686.6197	4152977.0273	40	52	48.827696	-123	51	47.755689	918.560	13.47	-0.21	1.30	0.092	2004.4057	2017.8233	Yes	-28.943	947.503	P170
P171	SantaLuciaCN2004	-2705141.7318	-4364218.5998	3771983.8629	0.0030	0.0036	0.0036	36	29	7.893106	-121	47	33.081386	572.7447	2.00	1.92	5.21	1.75	1.38	2.93	24.24	-39.94	-0.46	0.22	0.14	0.24	-2705140.8318	-4364219.8755	3771983.9672	36	29	7.884058	-121	47	33.023655	573.297	37.11	-26.54	-1.65	0.308	2004.6680	2017.8233	Yes	-33.692	606.989	P171
P172	PostRanch_CN2008	-2712022.7106	-4379632.7920	3748821.0164	0.0035	0.0042	0.0039	36	13	41.073321	-121	46	2.095267	312.6162	2.07	2.00	6.04	1.21	0.96	3.44	24.33	-40.62	-0.57	0.18	0.10	0.37	-2712021.8120	-4379634.0705	3748821.1228	36	13	41.064341	-121	46	2.037728	313.174	37.18	-27.28	-1.76	0.312	2008.3074	2017.8233	Yes	-34.179	347.353	P172
P173	FortHunterCN2008	-2685070.8249	-4417843.8424	3723516.3920	0.0033	0.0040	0.0038	35	56	44.584893	-121	17	25.215641	339.2386	2.00	2.00	5.76	0.74	0.90	2.84	23.61	-40.03	0.33	0.08	0.10	0.29	-2685069.9291	-4417845.1256	3723516.5028	35	56	44.575782	-121	17	25.158507	339.815	36.30	-26.70	-0.85	0.306	2008.5751	2017.8233	Yes	-33.532	373.347	P173
P174	LlanoGrandCN2007	-2654559.6079	-4409051.5708	3755466.4020	0.0032	0.0039	0.0038	36	18	7.750535	-121	3	3.250219	342.1223	2.00	1.98	5.61	0.77	0.95	2.95	22.57	-39.79	1.30	0.10	0.12	0.29	-2654558.7107	-4409052.8513	3755466.5107	36	18	7.741197	-121	3	3.192941	342.698	35.18	-26.33	0.12	0.302	2007.0671	2017.8233	Yes	-33.211	375.909	P174
P175	RosasCyn__CN2006	-2656852.9533	-4398262.7237	3766589.8931	0.0032	0.0038	0.0037	36	25	33.254286	-121	8	5.500294	451.3863	1.96	1.95	5.57	0.88	1.00	2.92	22.83	-39.68	1.21	0.10	0.12	0.25	-2656852.0551	-4398264.0026	3766590.0004	36	25	33.244948	-121	8	5.442891	451.957	35.47	-26.21	0.03	0.301	2006.3767	2017.8233	Yes	-33.007	484.964	P175
P176	MillsCreekCN2007	-2712719.5914	-4281637.6906	3859342.1686	0.0035	0.0042	0.0042	37	28	18.385176	-122	21	25.716286	433.8104	2.06	2.01	6.26	0.92	1.11	3.06	19.14	-35.89	-0.42	0.10	0.14	0.29	-2712718.6845	-4281638.9544	3859342.2621	37	28	18.376097	-122	21	25.657588	434.329	32.21	-22.34	-1.64	0.264	2007.7767	2017.8233	Yes	-32.59	466.919	P176
P177	CoDeTierraCN2008	-2720816.3457	-4271639.5745	3864087.6802	0.0033	0.0040	0.0039	37	31	41.407616	-122	29	42.200672	71.7845	2.00	1.98	5.85	1.33	1.05	3.24	21.70	-36.93	-1.13	0.22	0.12	0.33	-2720815.4382	-4271640.8373	3864087.7727	37	31	41.398585	-122	29	42.141870	72.299	34.81	-23.38	-2.35	0.283	2008.3511	2017.8233	Yes	-32.958	105.257	P177
P178	SanMateoCCCN2007	-2708470.9354	-4279023.4651	3864681.5722	0.0041	0.0055	0.0050	37	32	4.271768	-122	19	56.523666	129.0464	2.11	2.25	7.91	0.84	1.06	3.72	16.33	-34.38	-1.61	0.08	0.10	0.39	-2708470.0283	-4279024.7284	3864681.6653	37	32	4.262657	-122	19	56.464927	129.565	29.39	-20.81	-2.83	0.257	2007.1438	2017.8233	Yes	-32.571	162.136	P178
P179	IllinoisAPOR2007	-2628933.1908	-3944070.1181	4254036.6476	0.0039	0.0046	0.0047	42	5	56.297259	-123	41	8.062258	402.2052	2.33	2.22	6.94	1.22	1.41	4.08	-3.44	-13.30	0.14	0.18	0.20	0.47	-2628932.2551	-3944071.3340	4254036.6939	42	5	56.287669	-123	41	7.999027	402.602	10.14	1.11	-1.19	0.093	2007.4452	2017.8233	Yes	-25.43	428.032	P179
P180	JuanFiestaCN2007	-2682089.0836	-4393408.1561	3754840.7181	0.0031	0.0037	0.0036	36	17	34.201444	-121	24	11.673281	693.1842	1.97	1.94	5.36	1.65	1.15	3.17	23.52	-39.81	-0.06	0.24	0.14	0.31	-2682088.1856	-4393409.4353	3754840.8255	36	17	34.192276	-121	24	11.615857	693.751	36.25	-26.41	-1.25	0.305	2007.0616	2017.8233	Yes	-33.099	726.850	P180
P181	MillerKnoxCN2005	-2697941.2138	-4255089.2371	3898009.6770	0.0033	0.0040	0.0039	37	54	52.365351	-122	22	36.331731	72.2024	2.00	1.96	5.84	0.86	0.90	3.22	12.48	-30.81	-0.97	0.10	0.08	0.33	-2697940.3045	-4255090.4966	3898009.7665	37	54	52.356151	-122	22	36.272680	72.712	25.56	-17.15	-2.20	0.217	2005.0863	2017.8233	Yes	-32.31	105.022	P181
P182	MeyersGradCN2006	-2735748.5676	-4183649.6250	3948843.3787	0.0034	0.0041	0.0040	38	29	42.057614	-123	10	52.496947	396.7883	2.08	2.01	5.94	0.79	0.86	2.78	20.21	-33.34	-1.44	0.08	0.08	0.24	-2735747.6531	-4183650.8758	3948843.4599	38	29	42.048650	-123	10	52.437117	397.267	33.57	-19.67	-2.69	0.264	2006.8233	2017.8233	Yes	-31.971	429.238	P182
P183	BodegaHeadCN2006	-2734197.6063	-4199232.7209	3932827.4420	0.0034	0.0039	0.0039	38	18	49.192009	-123	4	8.007246	10.3953	2.04	2.12	5.80	0.66	0.81	2.63	21.47	-34.50	-1.27	0.08	0.08	0.22	-2734196.6931	-4199233.9739	3932827.5252	38	18	49.183036	-123	4	7.947601	10.880	34.79	-20.86	-2.52	0.269	2006.4178	2017.8233	Yes	-32.378	43.258	P183

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)
P184	Greenwood_CN2007	-2750017.1316	-4122083.0452	4002486.0158	0.0033	0.0038	0.0039	39	7	1.798014	-123	42	32.188459	108.9448
P185	LilRvrAir_CN2006	-2747321.3139	-4111759.5234	4014912.5444	0.0031	0.0036	0.0037	39	15	40.696141	-123	44	57.622123	146.3492
P186	HolmesRch_CN2007	-2735111.7104	-4129459.3578	4005495.5547	0.0040	0.0049	0.0046	39	9	0.645530	-123	31	5.360674	372.8092
P187	ThreeChop_CN2005	-2733236.6106	-4113455.3891	4022756.1223	0.0055	0.0057	0.0055	39	21	8.920448	-123	36	9.162273	164.0247
P188	BurntRidgeCN2006	-2732637.9285	-4171208.9293	3963725.5676	0.0047	0.0059	0.0052	38	40	4.286928	-123	13	46.440977	208.8602
P189	Bradford__CN2005	-2729043.1940	-4146927.8442	3991345.4641	0.0039	0.0045	0.0044	38	59	14.818615	-123	20	54.356575	176.9427
P190	UkiahNorthCN2005	-2708833.8212	-4138893.2845	4013284.7661	0.0038	0.0046	0.0045	39	14	31.039603	-123	12	14.583091	202.8177
P191	SiskiyouRCOR2007	-2617962.1358	-3935539.8790	4268533.7549	0.0036	0.0044	0.0044	42	16	31.279234	-123	37	56.153155	371.3916
P192	PotrVlySchCN2005	-2698726.7219	-4139018.4791	4020004.4746	0.0038	0.0045	0.0044	39	19	11.020409	-123	6	18.692308	259.7115
P193	PointReyesCN2007	-2729545.5227	-4217920.1339	3916229.1092	0.0034	0.0040	0.0039	38	7	22.576570	-122	54	29.321442	66.5888
P194	WalkerCrk_CN2007	-2720516.5166	-4218785.3588	3921812.9901	0.0033	0.0039	0.0039	38	11	8.581442	-122	48	58.538578	235.1219
P195	WineCreek_CN2007	-2713026.6964	-4184197.0185	3963410.1845	0.0051	0.0060	0.0054	38	39	52.797838	-122	57	33.520157	146.8271
P196	MeachumLflCN2006	-2710854.2871	-4215684.3524	3931525.2345	0.0033	0.0039	0.0039	38	17	53.320055	-122	44	33.521698	90.5258
P197	SantaRosa_CN2005	-2707773.2815	-4206898.2747	3942820.2447	0.0034	0.0040	0.0040	38	25	42.822988	-122	46	2.600818	0.0164
P198	PetalumAirCN2004	-2702277.5559	-4224222.8580	3928131.5996	0.0033	0.0039	0.0039	38	15	35.550399	-122	36	26.832489	-4.6255
P199	RodgersCrkCN2005	-2694489.0953	-4228940.0884	3928501.6396	0.0034	0.0041	0.0041	38	15	49.293014	-122	30	12.389733	55.6493
P200	SonomaCrk_CN2005	-2691515.2477	-4232701.6151	3926371.7239	0.0033	0.0040	0.0039	38	14	23.394469	-122	27	6.138656	-25.1039
P201	MarkWstQryCN2008	-2695022.6225	-4204635.1343	3954440.6370	0.0032	0.0038	0.0038	38	33	35.302414	-122	39	30.373831	349.3449
P202	NunnsCyn__CN2007	-2688247.1246	-4220352.3840	3942750.0759	0.0033	0.0041	0.0040	38	25	24.891678	-122	29	45.611437	584.0872
P203	Mayacmas__CN2007	-2702657.3824	-4174954.2998	3981336.5817	0.0032	0.0038	0.0039	38	51	58.005447	-122	55	1.228438	926.7036
P204	MaacamaCrkCN2007	-2694819.6946	-4195915.6065	3963650.2618	0.0034	0.0040	0.0040	38	39	59.399977	-122	42	37.930922	276.6556
P205	LkPilsburyCN2007	-2685663.0397	-4141400.2938	4027058.8805	0.0040	0.0052	0.0049	39	23	53.244687	-122	57	47.042757	771.0633
P206	CrazyCreekCN2006	-2680785.6350	-4195731.6113	3973296.0839	0.0036	0.0043	0.0042	38	46	40.141753	-122	34	32.866037	283.6017
P207	GoatMtnMNFCN2008	-2673659.9250	-4161685.7171	4015867.5442	0.0033	0.0039	0.0039	39	15	36.159638	-122	43	6.852952	1826.5882
P208	SaltCanyonCN2006	-2648394.1872	-4188718.6444	4001786.6892	0.0037	0.0045	0.0044	39	6	33.484821	-122	18	13.938056	74.3005
P209	BonnyDoon_CN2007	-2709926.6097	-4315521.3342	3823876.4855	0.0035	0.0041	0.0040	37	4	9.321094	-122	7	36.187218	577.1458
P210	ElkhrnSlghCN2005	-2688759.0263	-4348064.3814	3801079.8144	0.0033	0.0040	0.0039	36	48	58.099690	-121	43	54.645727	3.0365
P211	LewisRdLflCN2007	-2684013.0325	-4346119.6975	3806712.4842	0.0036	0.0044	0.0041	36	52	45.037581	-121	41	52.950174	60.5384
P212	LarkinVly_CN2006	-2693569.6016	-4333680.2998	3814047.3930	0.0037	0.0045	0.0043	36	57	43.241901	-121	51	45.854801	36.5835
P213	LenihanDamCN2005	-2694809.5784	-4314131.3901	3835348.7575	0.0034	0.0042	0.0040	37	12	6.168994	-121	59	27.024397	167.0942
P214	CorralitosCN2007	-2687206.5264	-4334599.4131	3817527.7507	0.0055	0.0065	0.0058	37	0	3.675895	-121	47	47.660852	73.2629
P215	SalsipuedeCN2007	-2683249.3038	-4333892.6146	3822142.6510	0.0038	0.0046	0.0043	37	2	55.629325	-121	45	46.631579	708.6048
P216	MtMadonna_CN2007	-2681942.7864	-4337995.3765	3817811.0182	0.0037	0.0045	0.0042	37	0	8.736464	-121	43	34.359234	336.9162
P217	LacrosseDrCN2005	-2672525.8844	-4335538.8176	3826692.1993	0.0039	0.0051	0.0047	37	6	16.192136	-121	39	2.288502	72.2956
P218	CoyoteCrk_CN2005	-2673831.6609	-4326943.3632	3835456.9816	0.0035	0.0041	0.0040	37	12	12.654531	-121	42	50.268542	82.6969
P219	LaHondaCrkCN2008	-2711912.6362	-4292338.2594	3847863.2083	0.0033	0.0039	0.0038	37	20	32.967655	-122	17	5.367809	300.8768
P220	RussianRdgCN2007	-2707249.9431	-4296663.4259	3846996.2842	0.0032	0.0038	0.0037	37	19	47.598021	-122	12	51.435652	705.2571
P221	SanAntonioCN2007	-2698117.8429	-4301326.3682	3847286.2220	0.0034	0.0041	0.0041	37	20	13.030555	-122	5	56.589655	155.2998
P222	CoyotHillsCN2004	-2689640.4569	-4290437.1816	3865050.9977	0.0033	0.0039	0.0039	37	32	21.265463	-122	4	59.762365	53.5065
P223	ChabotParkCN2007	-2684329.9820	-4279224.8274	3881173.2833	0.0032	0.0038	0.0038	37	43	19.395553	-122	5	59.215087	139.9491
P224	SibleyVolcCN2005	-2688201.5105	-4265643.4653	3893778.6383	0.0035	0.0043	0.0041	37	51	50.028502	-122	13	8.626620	407.3491
P225	CullCanyonCN2005	-2681519.0014	-4281621.6361	3880440.4199	0.0036	0.0045	0.0043	37	42	49.917991	-122	3	29.991830	117.1561
P226	ReidHillVWCN2006	-2677500.8932	-4314063.6293	3847179.5196	0.0034	0.0042	0.0041	37	20	12.394966	-121	49	32.119446	5.0558
P227	SunolWildrCN2006	-2668111.1504	-4304967.3363	3864897.9078	0.0032	0.0039	0.0039	37	31	58.707936	-121	47	22.560219	707.4316
P228	DelValle__CN2005	-2657817.0567	-4305567.5662	3870768.3593	0.0034	0.0041	0.0040	37	36	6.608574	-121	41	12.980698	399.0203
P229	BishopRnchCN2005	-2674302.8862	-4283445.0346	3883668.2026	0.0034	0.0041	0.0040	37	44	57.967297	-121	58	40.652466	289.3241
P230	MorganTrtyCN2005	-2657625.6615	-4288583.6490	3889987.4698	0.0035	0.0041	0.0040	37	49	8.270959	-121	47	11.047994	647.9975
P231	HopkinsStnCN2006	-2708725.0524	-4350832.3453	3783764.4136	0.0032	0.0039	0.0038	36	37	18.041122	-121	54	19.490225	-26.3421
P232	BengardRchCN2007	-2680401.1949	-4360502.5023	3792952.2486	0.0032	0.0038	0.0037	36	43	26.476705	-121	34	44.563118	105.3494
P233	Hollister_CN2006	-2665701.2784	-4363644.6742	3799799.8814	0.0031	0.0037	0.0037	36	48	1.536807	-121	25	13.033291	196.8223
P234	LasAromitaCN2006	-2676639.9363	-4352308.7800	3804898.3632	0.0032	0.0039	0.0038	36	51	30.698041	-121	35	28.426191	92.5807
P235	SJBautistaCN2007	-2674517.7343	-4357321.2221	3801129.0033	0.0031	0.0038	0.0037	36	48	51.384145	-121	32	29.561260	361.6993
P236	Lomerias__CN2005	-2672262.2793	-4351445.5501	3808872.7176	0.0033	0.0040	0.0039	36	54	12.764447	-121	33	16.070573	56.1535
P237	MountOlds-CN2007	-2669014.7363	-4374808.3586	3785571.4645	0.0033	0.0042	0.0039	36	38	13.289650	-121	23	12.601179	711.5649
P238	FlintHillsCN2006	-2666422.7545	-4359268.1544	3804030.8882	0.0032	0.0039	0.0038	36	50	56.689320	-121	27	9.977100	44.9009
P239	UvasCrk___CN2008	-2669684.0607	-4348382.9850	3814076.5154	0.0033	0.0040	0.0039	36	57	44.865582	-121	32	52.044728	18.5027
P240	MillerSlghCN2005	-2667666.6615	-4346075.8274	3818100.5904	0.0053	0.0059	0.0057	37	0	28.106584	-121	32	31.330893	25.7363
P241	RodeoFlat_CN2007	-2663253.2777	-4333416.9193	3836750.8340	0.0031	0.0038	0.0037	37	12	46.839071	-121	34	27.344532	834.2294
P242	FrazierAirCN2004	-2663555.7686	-4352803.2592	3813317.7900	0.0033	0.0040	0.0039	36	57	14.156437	-121	27	47.470883	14.7349
P243	HollisterECN2007	-2655147.7714	-4360920.9842	3810270.9232	0.0031	0.0037	0.0037	36	55	5.479189	-121	20	6.557964	220.7621
P244	PachecoCrkCN2005	-2653337.5309	-4354633.6566	3818387.7175	0.0036	0.0044	0.0042	37	0	38.963945	-121	21	16.272019	58.7183
P245	YOSTurtleDCN2008	-2504130.9437	-4389118.7946	3881269.2828	0.0034	0.0042	0.0041	37	42	47.217114	-119	42	22.046081	1579.8432
P247	SpencerRchCN2006	-2656446.6929	-4388313.3325	3778580.7839	0.0031	0.0037	0.0037	36	33	34.269122	-121	11	18.371955	569.0889
P248	BlkDiamondCN2007	-2657969.6667	-4275411.1878	3903451.5598	0.0035	0.0041	0.0040	37	58	32.189324	-121	52	7.319607	229.8128
P249	CallMtn___CN2005	-2645405.3315	-4391503.1297	3783575.7460	0.0031	0.0037	0.0037	36	36	41.921805	-121	3	51.888884	1155.7385
P250	SparlinRchCN2007	-2649116.7969	-4362442.9691	3813314.7640	0.0031	0.0038	0.0037	36	57	0.126101	-121	16	6.385814	584.6922
P251	TrePinoCrkCN2006	-2659780.3416	-4366333.7961	3800738.2243	0.0033	0.0040	0.0039	36	48	41.218480	-121	20	52.629379	128.2432
P252	QuintoCrk_CN2005	-2625256.8824	-4359205.7709	3832428.6592	0.0035	0.0042	0.0040	37	10	10.398917	-121	3	27.834672	40.1592
P253	ValpeRidgeCN2007	-2659923.5826	-4314693.9099	3860314.3249	0.0037	0.0045	0.0042	37	28	42.418501	-121	39	10.844130	1065.0644
P254	MtBoardmanCN2007	-2645677.9389	-4322568.3969	3861306.1128	0.0032	0.0038	0.0038	37	29	22.675646	-121	28	9.113020	1076.1895
P255	ArkansaCrkCN2006	-2631123.1228	-4323211.3310	3868815.1442	0.0035	0.0042	0.0041	37	34	54.784974	-121	19	29.479505	73.5266
P256	FallmanPrpCN2005	-2639706.2141	-4289968.8293	3899471.5018	0.0033	0.0040	0.0039	37	55	55.070329	-121	36	17.431275	-30.7052
P257	TomPainSlgCN2005	-2635437.6724	-4306708.7324	3883989.7697	0.0034	0.0041	0.0040	37	45	19.045070	-121	27	50.535343	-24.6928
P258	DiabloGranCN2007	-2635007.2856	-4336676.9433	3851702.0085	0.0035	0.0043	0.0041	37	23	7.399587	-121	16	59.788056	390.8113
P259	Patterson_CN2005	-2619348.3905	-4342043.6679	3855666.0505	0.0034	0.0041	0.0039	37	25	58.870397	-121	6	2.096438	3.8168
P260	ModestoCnlCN2005	-2608362.3886	-4326670.7713	3880130.9635	0.0059	0.0076	0.0061	37	42	40.394415	-121	5	2.237175	-9.0081
P261	HunterHillCN2004	-2677433.0727	-4248806.1542	3918882.0439	0.0033	0.0039	0.0039	38	9	10.656490	-122	13	3.150708	118.1596
P262	Waterbird_CN2005	-2673022.0869	-4261799.0244	3907637.9663	0.0034	0.0042	0.0040	38	1	30.534617	-122	5	46.127593	-8.5701
P263	AngwinObs_CN2008	-2677599.0628	-4214475.3959	3956121.1208	0.0034	0.0040	0.0039	38	34	39.699137	-122	25	45.043128	554.3904
P264	Capell_Valley_CA	-2665157.1183	-4232962.3860	3944324.8686	0.0036	0.0043	0.0042	38	26	39.171880	-122	11	43.196780	231.0463
P265	PutahCreekCN2005	-2644083.0318	-4238954.0593	3951656.1516	0.0035	0.0042	0.0041	38	31	48.666098	-121	57	15.110189	8.0278
P266	LilHonker_CN2005	-2648479.1568	-4264322.3454	3921528.8847	0.0034	0.0041	0.0041	38	11	2.283815	-121	50	36.704713	22.4474
P267	DixonAviatCN2005	-2639831.4728	-4253759.2917	3938614.2078	0.0036	0.0044	0.0043	38	22	49.206299	-121	49	23.653063	-17.5160
P268	FinchFarmsCN2005	-2623315.2487	-4256408.3327	3946714.1420	0.0034	0.0042	0.0041	38	28	24.692950	-121	38	47.089992	-23.9695
P269	CowboyCampCN2008	-2656300.9255	-4193007.7464	3992463.7011	0.0040	0.0046	0.0044	38	59	58.289242	-122	21	16.401929	298.2253
P270	HopkinSlghCN2005	-2625150.0430	-4192123.1729	4013304.6327	0.0033	0.0040	0.0039	39	14	37.570108	-122	3	18.776398	-12.3380
P271	Woodland1_CN2004	-2621690.2811	-4242467.7628	3962672.8196	0.0036	0.0044	0.0043	38	39	26.459789	-121	42	52.388670	-18.3403
P272	SycamorSlgCN2005	-2620587.8915	-4203105.3865	4004848.0540	0.0036	0.0043	0.0042	39	8	43.732191	-121	56	35.034274	-12.0857
P273	Kettleman_CN2005	-2616912.3262	-4289196.8710	3915549.3962	0.0037	0.0045	0.0043	38	6	56.923122	-121	23	17.089223	-26.4488
P274	SnodgraSlgCN2005	-2616338.2055	-4276087.7856	3930143.1742	0.0041	0.0049	0.0046	38	16	59.242718	-121	27	37.853203	-27.8272

STATION	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)
P184	2.05	1.96	5.67	0.79	0.86	2.87	18.51	-35.49	-1.01	0.10	0.10	0.31
P185	2.02	1.93	5.40	0.66	0.71	2.66	17.20	-35.06	-1.37	0.08	0.08	0.27
P186	2.18	1.99	7.23	0.93	0.86	3.41	13.97	-33.07	-0.53	0.12	0.08	0.33
P187	2.39	2.51	8.98	1.14	1.62	4.34	11.74	-35.01	2.15	0.14	0.20	0.45
P188	2.12	2.02	8.66	1.09	1.17	4.62	17.94	-32.24	-0.91	0.12	0.14	0.45
P189	2.22	2.14	6.71	0.94	1.06	3.40	14.81	-32.52	0.16	0.10	0.12	0.29
P190	2.24	2.20	6.77	1.14	1.20	3.21	5.78	-29.03	0.86	0.14	0.14	0.29
P191	2.20	2.13	6.51	1.30	1.24	3.71	-3.98	-13.52	0.25	0.18	0.14	0.39
P192	2.20	2.15	6.63	1.05	0.94	3.06	2.93	-27.59	0.18	0.12	0.08	0.27
P193	2.09	2.12	5.81	0.79	0.74	2.64	21.21	-34.94	-1.08	0.12	0.08	0.25
P194	2.04	2.07	5.71	0.62	0.77	2.57	16.81	-31.66	-1.13	0.06	0.08	0.27
P195	2.10	2.12	9.02	1.06	1.44	5.56	14.55	-29.21	-0.18	0.12	0.20	0.74
P196	2.07	2.09	5.69	0.60	0.68	2.63	13.97	-29.60	-0.97	0.04	0.06	0.22
P197	2.09	2.09	5.89	1.40	1.58	3.31	14.21	-28.21	0.03	0.20	0.22	0.33
P198	2.05	2.08	5.76	1.05	1.61	4.62	11.62	-28.58	-1.49	0.12	0.22	0.57
P199	2.06	2.03	6.07	1.07	1.29	3.38	8.72	-26.28	-2.06	0.12	0.14	0.27
P200	2.00	1.97	5.85	0.77	0.92	3.08	7.73	-26.92	-2.84	0.06	0.08	0.24
P201	2.05	2.08	5.56	0.77	0.81	2.93	6.81	-24.91	-0.78	0.08	0.06	0.31
P202	1.98	1.98	5.99	0.99	1.30	3.00	6.40	-25.99	-1.06	0.12	0.18	0.25
P203	2.05	2.07	5.60	1.52	5.45	3.62	4.97	-28.85	0.84	0.24	0.92	0.47
P204	2.07	2.10	5.87	0.98	1.33	3.35	7.09	-24.77	-1.69	0.10	0.16	0.29
P205	2.16	2.21	7.57	1.38	1.53	4.22	1.57	-26.82	-0.69	0.18	0.20	0.47
P206	2.15	2.14	6.27	1.02	1.27	3.68	3.88	-23.58	-1.13	0.08	0.14	0.31
P207	2.06	2.07	5.71	1.53	1.75	3.04	-4.45	-24.07	-0.86	0.24	0.24	0.37
P208	2.16	2.13	6.58	0.86	1.07	3.43	-4.52	-22.45	-0.47	0.06	0.08	0.24
P209	2.08	2.08	6.04	0.92	0.89	2.95	21.98	-38.33	0.00	0.12	0.08	0.25
P210	1.99	1.92	5.82	0.65	0.71	2.57	21.22	-39.48	-0.35	0.06	0.06	0.18
P211	2.09	1.95	6.41	0.69	0.81	3.09	20.11	-38.88	0.74	0.06	0.08	0.27
P212	2.10	2.13	6.62	0.73	0.74	3.04	20.77	-38.06	0.18	0.08	0.06	0.27
P213	1.98	2.15	6.07	0.89	1.07	3.93	16.52	-33.68	-0.27	0.06	0.06	0.29
P214	2.12	2.30	9.85	1.04	1.14	5.29	18.65	-36.41	-0.03	0.12	0.12	0.69
P215	2.16	2.12	6.68	1.38	1.17	3.83	15.23	-33.96	-0.83	0.20	0.16	0.53
P216	2.14	2.03	6.54	0.90	1.14	3.37	16.23	-34.87	-0.19	0.08	0.14	0.29
P217	2.09	2.25	7.31	1.05	1.09	4.26	11.41	-31.83	1.04	0.10	0.10	0.41
P218	2.09	2.03	6.03	1.47	1.83	3.51	11.66	-32.09	-0.71	0.20	0.24	0.33
P219	2.00	1.94	5.73	1.31	3.58	3.79	19.88	-35.72	-0.73	0.20	0.69	0.55
P220	1.96	2.12	5.47	1.14	1.09	2.74	18.66	-35.50	-0.40	0.16	0.12	0.27
P221	2.05	2.19	6.00	0.99	1.23	3.37	16.19	-33.03	-0.11	0.10	0.14	0.33
P222	2.02	2.16	5.69	0.74	0.94	2.70	12.58	-32.10	-0.53	0.08	0.10	0.22
P223	1.98	2.14	5.51	0.64	0.77	2.84	6.99	-27.65	-0.22	0.06	0.08	0.27
P224	2.06	2.15	6.24	1.34	1.21	2.85	7.76	-27.14	-0.70	0.18	0.12	0.24
P225	2.07	2.22	6.52	0.81	0.87	2.82	6.17	-27.53	-0.29	0.08	0.08	0.20
P226	2.09	2.05	6.10	1.03	2.75	6.31	11.84	-31.42	0.99	0.14	0.41	0.88
P227	2.07	2.01	5.67	0.90	1.00	2.86	1.98	-23.94	0.66	0.08	0.10	0.24
P228	2.11	2.06	5.98	1.26	1.03	3.26	-0.32	-23.95	0.46	0.14	0.08	0.25
P229	2.04	2.19	5.93	1.08	1.04	3.20	4.14	-26.19	-0.19	0.10	0.10	0.22
P230	2.12	2.08	6.06	1.29	1.59	3.61	-2.32	-22.66	0.43	0.14	0.18	0.31
P231	2.04	1.98	5.63	1.22	0.90	3.53	23.27	-40.18	-0.59	0.18	0.10	0.43
P232	1.99	1.95	5.54	0.66	0.72	2.83	22.79	-39.49	0.17	0.08	0.06	0.25
P233	1.97	1.95	5.42	1.08	0.99	2.87	14.13	-29.35	-0.29	0.14	0.12	0.24
P234	2.02	1.99	5.71	0.65	0.76	2.91	20.38	-38.57	0.76	0.06	0.06	0.24
P235	1.95	1.93	5.47	0.87	0.80	3.87	22.22	-38.79	0.60	0.10	0.08	0.49
P236	2.03	2.01	5.82	0.83	1.09	2.94	13.50	-33.31	0.89	0.10	0.14	0.22
P237	2.02	1.99	5.99	0.89	1.03	3.18	22.68	-39.55	0.82	0.08	0.12	0.29
P238	1.99	1.97	5.60	1.96	1.76	3.31	13.77	-29.29	-0.70	0.29	0.27	0.35
P239	2.04	2.02	5.86	0.84	0.99	3.21	11.06	-31.79	1.01	0.12	0.14	0.39
P240	3.23	4.08	8.27	1.37	1.04	3.72	11.19	-31.58	-0.48	0.18	0.12	0.43
P241	1.98	1.95	5.47	1.08	1.13	2.70	0.81	-24.59	0.20	0.16	0.16	0.24
P242	2.00	1.98	5.87	1.73	1.47	5.77	10.57	-30.99	-4.36	0.22	0.16	0.69
P243	1.97	1.94	5.35	0.78	0.97	2.88	-0.93	-24.18	0.97	0.10	0.14	0.27
P244	2.09	2.08	6.37	0.74	1.06	3.37	-1.60	-24.52	1.45	0.06	0.12	0.33
P245	2.10	2.11	6.10	1.02	0.84	3.97	-2.28	-22.19	0.56	0.14	0.10	0.59
P247	1.98	1.96	5.38	0.96	0.87	2.83	22.77	-39.40	0.63	0.10	0.08	0.24
P248	2.07	2.21	6.01	1.06	1.07	3.33	-1.54	-23.05	-0.10	0.14	0.12	0.31
P249	1.98	1.96	5.39	1.83	2.40	3.25	-0.44	-21.09	1.15	0.25	0.33	0.35
P250	1.97	1.96	5.49	0.71	0.94	3.01	-1.44	-23.69	0.82	0.08	0.12	0.31
P251	2.01	2.00	5.79	0.69	0.88	2.87	2.24	-24.16	1.71	0.08	0.10	0.24
P252	2.04	2.05	6.12	0.75	0.78	3.15	-2.83	-22.81	0.95	0.08	0.06	0.29
P253	2.14	2.09	6.51	2.28	1.01	2.95	-0.51	-23.65	0.44	0.45	0.12	0.29
P254	2.01	1.97	5.58	1.13	1.10	2.87	-1.88	-22.97	0.27	0.14	0.12	0.25
P255	2.07	2.07	6.17	0.85	0.77	3.12	-2.28	-22.61	0.33	0.10	0.06	0.25
P256	2.01	1.99	5.77	0.71	0.92	3.17	-2.96	-22.78	-0.40	0.06	0.10	0.29
P257	2.05	2.04	6.00	0.85	0.74	3.34	-2.82	-23.00	0.01	0.10	0.06	0.29
P258	2.13	2.10	6.24	0.92	1.25	3.20	-2.91	-22.47	0.60	0.10	0.16	0.27
P259	2.04	2.04	5.92	0.73	1.29	4.82	-3.00	-21.72	-4.24	0.08	0.16	0.59
P260	2.87	3.57	10.46	0.77	0.62	2.66	-3.29	-23.02	0.21	0.39	0.22	1.16
P261	2.02	1.97	5.77	1.14	1.39	2.81	3.10	-24.32	-1.32	0.12	0.16	0.18
P262	2.03	2.16	6.01	1.45	1.65	3.14	3.39	-25.24	-0.69	0.18	0.20	0.24
P263	1.99	1.97	5.92	0.92	1.12	2.90	3.50	-24.26	-1.40	0.10	0.14	0.27
P264	2.07	2.15	6.31	0.92	1.17	3.53	-0.78	-23.20	0.47	0.08	0.10	0.27
P265	2.06	2.21	6.10	0.99	1.35	3.76	-3.32	-22.68	-3.97	0.12	0.16	0.37
P266	2.11	2.06	6.02	0.83	1.17	3.20	-3.04	-22.34	-1.42	0.10	0.14	0.29
P267	2.18	2.14	6.41	1.23	1.35	4.15	-3.14	-21.96	-2.94	0.16	0.16	0.47
P268	2.13	2.08	6.09	0.88	1.69	3.75	-3.71	-23.73	-2.87	0.10	0.22	0.41
P269	2.04	2.07	6.92	0.89	1.32	3.94	-3.66	-21.19	-0.39	0.08	0.18	0.43
P270	2.00	2.17	5.80	0.69	1.00	4.15	-4.92	-22.48	-2.08	0.06	0.12	0.49
P271	2.16	2.13	6.41	1.94	1.51	15.92	-4.92	-23.10	-13.36	0.25	0.18	1.96
P272	2.09	2.22	6.24	1.03	1.44	4.03	-5.47	-21.41	-2.22	0.14	0.20	0.47
P273	2.23	2.20	6.53	3.02	2.40	4.65	-3.77	-22.44	-2.71	0.39	0.29	0.49
P274	2.25	2.22	7.22	1.68	1.58	4.44	-3.87	-23.38	-1.67	0.22	0.20	0.53

STATION	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)
	(m)	(m)	(m)	d	m	s	d	m	s	(m)
P184	-2750016.2124	-4122084.2882	4002486.0893	39	7	1.789149	-123	42	32.127914	109.398
P185	-2747320.3937	-4111760.7649	4014912.6164	39	15	40.687260	-123	44	57.561443	146.798
P186	-2735110.7915	-4129460.6012	4005495.6287	39	9	0.636562	-123	31	5.300178	373.266
P187	-2733235.6903	-4113456.6302	4022756.1942	39	21	8.911469	-123	36	9.101573	164.476
P188	-2732637.0129	-4171210.1783	3963725.6471	38	40	4.277940	-123	13	46.380987	209.334
P189	-2729042.2763	-4146929.0898	3991345.5402	38	59	14.809602	-123	20	54.296277	177.407
P190	-2708832.9025	-4138894.5281	4013284.8405	39	14	31.030451	-123	12	14.522638	203.281
P191	-2617961.1992	-3935541.0936	4268533.7997	42	16	31.269576	-123	37	56.089769	371.786
P192	-2698725.8030	-4139019.7224	4020004.5488	39	19	11.011187	-123	6	18.631829	260.176
P193	-2729544.6109	-4217921.3893	3916229.1948	38	7	22.567572	-122	54	29.262012	67.081
P194	-2720515.6047	-4218786.6140	3921813.0755	38	11	8.572381	-122	48	58.479138	235.615
P195	-2713025.7815	-4184198.2685	3963410.2651	38	39	52.788716	-122	57	33.460276	147.308
P196	-2710853.3748	-4215685.6067	3931525.3192	38	17	53.310926	-122	44	33.462197	91.019
P197	-2707772.3683	-4206899.5277	3942820.3282	38	25	42.813835	-122	46	2.541202	0.507
P198	-2702276.6441	-4224224.1133	3928131.6852	38	15	35.541214	-122	36	26.773072	-4.128
P199	-2694488.1837	-4228941.3440	3928501.7256	38	15	49.283776	-122	30	12.330356	56.149
P200	-2691514.3364	-4232702.8711	3926371.8103	38	14	23.385212	-122	27	6.079318	-24.602
P201	-2695021.7089	-4204636.3865	3954440.7197	38	33	35.293172	-122	39	30.314158	349.835
P202	-2688246.2121	-4220353.6380	3942750.1605	38	25	24.882395	-122	29	45.551943	584.584
P203	-2702656.4665	-4174955.5480	3981336.6608	38	51	57.996254	-122	55	1.168419	927.182
P204	-2694818.7803	-4195916.8574	3963650.3434	38	39	59.390731	-122	42	37.871141	277.143
P205	-2685662.1207	-4141401.5368	4027058.9546	39	23	53.235375	-122	57	46.982274	771.530
P206	-2680784.7204	-4195732.8616	3973296.1650	38	46	40.132410	-122	34	32.806220	284.090
P207	-2673659.0074	-4161686.9622	4015867.6206	39	15	36.150244	-122	43	6.792697	1827.064
P208	-2648393.2714	-4188719.8926	4001786.7685	39	6	33.475249	-122	18	13.878074	74.790
P209	-2709925.7057	-4315522.6028	3823876.5834	37	4	9.312025	-122	7	36.128920	577.679
P210	-2688758.1246	-4348065.6542	3801079.9160	36	48	58.090508	-121	43	54.587776	3.584
P211	-2684012.1305	-4346120.9697	3806712.5854	36	52	45.028364	-121	41	52.892192	61.086
P212	-2693568.6987	-4333681.5705	3814047.4928	36	57	43.232736	-121	51	45.796688	37.125
P213	-2694808.6740	-4314132.6580	3835348.8548	37	12	6.159819	-121	59	26.966052	167.628
P214	-2687205.6235	-4334600.6837	3817527.8504	37	0	3.666687	-121	47	47.602738	73.806
P215	-2683248.4007	-4333893.8848	3822142.7506	37	2	55.620090	-121	45	46.573452	709.147
P216	-2681941.8837	-4337996.6473	3817811.1182	37	0	8.727223	-121	43	34.301152	337.461
P217	-2672524.9813	-4335540.0878	3826692.2988	37	6	16.182827	-121	39	2.230374	72.840
P218	-2673830.7571	-4326944.6321	3835457.0799	37	12	12.645222	-121	42	50.210313	83.238
P219	-2711911.7303	-4292339.5248	3847863.3031	37	20	32.958579	-122	17	5.309237	301.400
P220	-2707249.0374	-4296664.6916	3846996.3795	37	19	47.588917	-122	12	51.377124	705.783
P221	-2698116.9375	-4301327.6343	3847286.3177	37	20	13.021391	-122	5	56.531163	155.828
P222	-2689639.5504	-4290438.4458	3865051.0917	37	32	21.256231	-122	4	59.703725	54.031
P223	-2684329.0744	-4279226.0897	3881173.3756	37	43	19.386275	-122	5	59.156301	140.470
P224	-2688200.6018	-4265644.7258	3893778.7289	37	51	50.019242	-122	13	8.567678	407.864
P225	-2681518.0939	-4281622.8987	3880440.5124	37	42	49.908695	-122	3	29.933068	117.678
P226	-2677499.9884	-4314064.8965	3847179.6163	37	20	12.385669	-121	49	32.061069	5.591
P227	-2668110.2446	-4304968.6017	3864898.0031	37	31	58.698567	-121	47	22.501716	707.964
P228	-2657816.1507	-4305568.8313	3870768.4543	37	36	6.599133	-121	41	12.922183	399.554
P229	-2674301.9787	-4283446.2971	3883668.2952	37	44	57.957952	-121	58	40.593712	289.848
P230	-2657624.7541	-4288584.9116	3889987.5625	37	49	8.261503	-121	47	10.989273	648.525
P231	-2708724.1513	-4350833.6193	3783764.5161	36	37	18.032081	-121	54	19.432341	-25.795
P232	-2680400.2940	-4360503.7765	3792952.3516	36	43	26.467480	-121	34	44.505301	105.903
P233	-2665700.3775	-4363645.9483	3799799.9843	36	48	1.527484	-121	25	12.975488	197.379
P234	-2676639.0347	-4352310.0528	3804898.4650	36	51	30.688780	-121	35	28.368270	93.131
P235	-2674516.8331	-4357322.4955	3801129.1057	36	48	51.374875	-121	32	29.503396	362.252
P236	-2672261.3775	-4351446.8227	3808872.8191	36	54	12.755154	-121	33	16.012635	56.704
P237	-2669013.8364	-4374809.6344	3785571.5691	36	38	13.280365	-121	23	12.543516	712.125
P238	-2666421.8533	-4359269.4279	3804030.9906	36	50	56.679996	-121	27	9.919245	45.455
P239	-2669683.1586	-4348384.2569	3814076.6165	36	57	44.856268	-121	32	51.986749	19.053
P240	-2667665.7592	-4346077.0990	3818100.6911	37	0	28.097252	-121	32	31.272883	26.285
P241	-2663252.3742	-4333418.1886	3836750.9328	37	12	46.829696	-121	34	27.286365	834.774
P242	-2663554.8668	-4352804.5316	3813317.8915	36	57	14.147085	-121	27	47.412947	15.287
P243	-2655146.8701	-4360922.2574	3810271.0255	36	55	5.469788	-121	20	6.500113	221.318
P244	-2653336.6290	-4354634.9289	3818387.8189	37	0	38.954524	-121	21	16.214089	59.272
P245	-2504130.0417	-4389120.0662	3881269.3843	37	42	47.206680	-119	42	21.988383	1580.426
P247	-2656445.7939	-4388314.6099	3778580.8899	36	33	34.259768	-121	11	18.314434	569.656
P248	-2657968.7582	-4275412.4486	3903451.6508	37	58	32.179859	-121	52	7.260723	230.335
P249	-2645404.4326	-4391504.4069	3783575.8521	36	36	41.912378	-121	3	51.831387	1156.308
P250	-2649115.8956	-4362444.2423	3813314.8663	36	57	0.116661	-121	16	6.327973	585.250
P251	-2659779.4408	-4366335.0703	3800738.3274	36	48	41.209118	-121	20	52.571599	128.801
P252	-2625255.9803	-4359207.0427	3832428.7604	37	10	10.389303	-121	3	27.776754	40.718
P253	-2659922.6775	-4314695.1763	3860314.4212	37	28	42.409084	-121	39	10.785731	1065.602
P254	-2645677.0341	-4322569.6639	3861306.2097	37	29	22.666137	-121	28	9.054692	1076.731
P255	-2631122.2178	-4323212.5977	3868815.2408	37	34	54.775361	-121	19	29.421157	74.070
P256	-2639705.3065	-4289970.0915	3899471.5942	37	55	55.060746	-121	36	17.372535	-30.176
P257	-2635436.7661	-4306709.9969	3883989.8642	37	45	19.035472	-121	27	50.476800	-24.156
P258	-2635006.3818	-4336678.2121	3851702.1070	37	23	7.390017	-121	16	59.729880	391.360
P259	-2619347.4868	-4342044.9369	3855666.1493	37	25	58.860721	-121	6	2.038301	4.369
P260	-2608361.4835	-4326672.0377	3880131.0599	37	42	40.384646	-121	5	2.178832	-8.461
P261	-2677432.1624	-4248807.4119	3918882.1320	38	9	10.647144	-122	13	3.091537	118.669
P262	-2673021.1776	-4261800.2839	3907638.0559	38	1	30.525247	-122	5	46.068572	-8.055
P263	-2677598.1497	-4214476.6487	3956121.2043	38	34	39.689778	-122	25	44.983536	554.886
P264	-2665156.2064	-4232963.6410	3944324.9543	38	26	39.162441	-122	11	43.137388	231.551
P265	-2644082.1201	-4238955.3144	3951656.2374	38	31	48.656512	-121	57	15.050826	8.537
P266	-2648478.2472	-4264323.6043	3921528.9740	38	11	2.274276	-121	50	36.645673	22.966
P267	-2639830.5622	-4253760.5487	3938614.2954	38	22	49.196692	-121	49	23.593875	-17.001
P268	-2623314.3380	-4256409.5896	3946714.2295	38	28	24.683228	-121	38	47.030804	-23.452
P269	-2656300.0102	-4193008.9955	3992463.7811	38	59	58.279727	-122	21	16.342020	298.715
P270	-2625149.1271	-4192124.4208	4013304.7117	39	14	37.560372	-122	3	18.716405	-11.845
P271	-2621689.3692	-4242469.0176	3962672.9052	38	39	26.450048	-121	42	52.329305	-17.828
P272	-2620586.9764	-4203106.6358	4004848.1344	39	8	43.722425	-121	56	34.974410	-11.588
P273	-2616911.4181	-4289198.1322	3915549.4879	38	6	56.913378	-121	23	17.030432	-25.917
P274	-2616337.2963	-4276089.0450	3930143.2641	38	16	59.232959	-121	27	37.794248	-27.301

STATION	NADvelN(mr	NADvelE(mr	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
P184	32.05	-21.76	-2.28	0.265	2007.3932	2017.8233	Yes	-31.564	140.962	P184
P185	30.76	-21.30	-2.65	0.258	2006.8178	2017.8151	Yes	-31.376	178.174	P185
P186	27.45	-19.30	-1.80	0.238	2007.3904	2017.8233	Yes	-30.827	404.093	P186
P187	25.25	-21.21	0.87	0.248	2005.8616	2017.8233	Yes	-30.669	195.145	P187
P188	31.32	-18.54	-2.17	0.246	2006.9110	2017.8233	Yes	-31.426	240.760	P188
P189	28.23	-18.76	-1.10	0.238	2005.7247	2017.8233	Yes	-30.666	208.073	P189
P190	19.16	-15.19	-0.41	0.192	2005.4726	2017.8233	Yes	-29.907	233.188	P190
P191	9.58	0.93	-1.08	0.098	2007.4370	2017.8233	Yes	-24.949	396.735	P191
P192	16.27	-13.72	-1.09	0.184	2005.4753	2017.8233	Yes	-29.402	289.578	P192
P193	34.47	-21.32	-2.32	0.271	2007.3932	2017.8233	Yes	-32.41	99.491	P193
P194	30.04	-18.01	-2.37	0.240	2007.7137	2017.8233	Yes	-31.99	267.605	P194
P195	27.84	-15.47	-1.43	0.218	2007.3959	2017.8233	Yes	-30.958	178.266	P195
P196	27.18	-15.91	-2.21	0.225	2006.3000	2017.8233	Yes	-31.723	122.742	P196
P197	27.43	-14.49	-1.22	0.218	2005.6452	2017.8233	Yes	-31.53	32.037	P197
P198	24.78	-14.88	-2.73	0.216	2004.6872	2017.8233	Yes	-31.674	27.546	P198
P199	21.85	-12.56	-3.30	0.223	2005.8808	2017.8233	Yes	-31.661	87.810	P199
P200	20.84	-13.20	-4.08	0.217	2005.6479	2017.8233	Yes	-31.773	7.171	P200
P201	19.99	-11.14	-2.03	0.177	2008.1790	2017.7712	Yes	-30.793	380.628	P201
P202	19.53	-12.23	-2.30	0.204	2007.6616	2017.8233	Yes	-30.977	615.561	P202
P203	18.25	-15.05	-0.42	0.204	2007.4863	2017.8233	Yes	-29.957	957.139	P203
P204	20.29	-10.99	-2.94	0.172	2007.5247	2017.8233	Yes	-30.532	307.675	P204
P205	14.87	-12.90	-1.96	0.179	2007.3219	2017.8233	Yes	-28.747	800.277	P205
P206	17.04	-9.75	-2.38	0.156	2006.3000	2017.8233	Yes	-29.997	314.087	P206
P207	8.77	-10.14	-2.12	0.165	2008.4467	2017.8233	Yes	-28.379	1855.443	P207
P208	8.55	-8.50	-1.72	0.152	2006.2041	2017.8233	Yes	-29.866	104.656	P208
P209	34.97	-24.84	-1.21	0.292	2007.5466	2017.8233	Yes	-32.893	610.572	P209
P210	34.07	-26.00	-1.55	0.295	2005.3959	2017.8233	Yes	-33.632	37.216	P210
P211	32.95	-25.37	-0.46	0.289	2007.2178	2017.8233	Yes	-33.288	94.374	P211
P212	33.66	-24.56	-1.03	0.285	2006.3055	2017.8233	Yes	-33.25	70.375	P212
P213	29.46	-20.14	-1.48	0.248	2005.4014	2017.8233	Yes	-32.424	200.052	P213
P214	31.52	-22.89	-1.24	0.272	2007.7164	2017.8233	Yes	-32.955	106.761	P214
P215	28.09	-20.42	-2.04	0.249	2007.2616	2017.8233	Yes	-32.539	741.686	P215
P216	29.08	-21.34	-1.39	0.255	2007.2205	2017.8233	Yes	-32.764	370.225	P216
P217	24.23	-18.26	-0.17	0.221	2005.2452	2017.8233	Yes	-32.451	105.291	P217
P218	24.51	-18.51	-1.92	0.226	2005.4616	2017.8233	Yes	-32.4	115.638	P218
P219	32.92	-22.19	-1.95	0.271	2008.5861	2017.8233	Yes	-32.651	334.051	P219
P220	31.68	-21.96	-1.62	0.265	2007.6616	2017.8233	Yes	-32.438	738.221	P220
P221	29.17	-19.47	-1.33	0.243	2007.7712	2017.8233	Yes	-32.572	188.400	P221
P222	25.56	-18.49	-1.75	0.222	2005.1877	2017.8233	Yes	-32.524	86.555	P222
P223	19.97	-14.00	-1.44	0.187	2007.7164	2017.8233	Yes	-32.302	172.772	P223
P224	20.79	-13.47	-1.93	0.186	2005.1712	2017.8233	Yes	-32.172	440.036	P224
P225	19.14	-13.87	-1.51	0.188	2005.0562	2017.8233	Yes	-32.288	149.966	P225
P226	24.73	-17.82	-0.22	0.218	2006.3932	2017.8233	Yes	-32.51	38.101	P226
P227	14.86	-10.29	-0.56	0.161	2006.1301	2017.8233	Yes	-31.772	739.736	P227
P228	12.52	-10.27	-0.76	0.158	2005.8644	2017.8233	Yes	-31.684	431.238	P228
P229	17.08	-12.51	-1.41	0.171	2005.2096	2017.8233	Yes	-32.251	322.099	P229
P230	10.56	-8.94	-0.79	0.153	2005.1548	2017.8233	Yes	-31.908	680.433	P230
P231	36.17	-26.77	-1.79	0.303	2006.9164	2017.8233	Yes	-34.482	8.687	P231
P232	35.59	-26.01	-1.03	0.299	2007.2288	2017.8233	Yes	-33.293	139.196	P232
P233	26.87	-15.82	-1.49	0.216	2006.6397	2017.8233	Yes	-33.057	230.436	P233
P234	33.18	-25.05	-0.44	0.289	2006.5274	2017.8233	Yes	-33.159	126.290	P234
P235	35.00	-25.28	-0.60	0.301	2007.4479	2017.8233	Yes	-33.114	395.366	P235
P236	26.29	-19.78	-0.31	0.238	2005.7986	2017.8233	Yes	-33.07	89.774	P236
P237	35.41	-26.06	-0.37	0.301	2007.1247	2017.8233	Yes	-32.716	744.841	P237
P238	26.52	-15.76	-1.90	0.216	2006.2644	2017.6836	Yes	-33.15	78.605	P238
P239	23.85	-18.24	-0.19	0.224	2008.3101	2017.8233	Yes	-32.857	51.910	P239
P240	23.98	-18.02	-1.68	0.223	2005.4014	2017.8233	Yes	-32.711	58.996	P240
P241	13.61	-10.98	-1.01	0.166	2007.3767	2017.8233	Yes	-31.91	866.684	P241
P242	23.33	-17.43	-5.56	0.213	2004.9604	2017.8233	Yes	-32.898	48.185	P242
P243	11.79	-10.61	-0.23	0.162	2007.3767	2017.8233	Yes	-32.724	254.042	P243
P244	11.12	-10.93	0.25	0.173	2005.8781	2017.8233	Yes	-32.475	91.747	P244
P245	9.89	-8.19	-0.63	0.150	2008.2773	2017.8233	Yes	-26.248	1606.674	P245
P247	35.43	-25.90	-0.56	0.302	2006.4014	2017.8233	Yes	-32.801	602.457	P247
P248	11.37	-9.30	-1.33	0.154	2007.7192	2017.8233	Yes	-32.013	262.348	P248
P249	12.18	-7.56	-0.04	0.145	2005.4370	2017.8233	Yes	-32.388	1188.696	P249
P250	11.25	-10.10	-0.38	0.164	2007.3712	2017.8233	Yes	-32.402	617.652	P250
P251	14.96	-10.62	0.51	0.163	2006.2671	2017.8233	Yes	-32.968	161.769	P251
P252	9.79	-9.14	-0.25	0.154	2005.8644	2017.8233	Yes	-32.863	73.581	P252
P253	12.32	-9.99	-0.77		2007.3000	2017.8233	Yes	-31.275	1096.877	P253
P254	10.89	-9.28	-0.94	0.154	2007.3164	2017.8233	Yes	-31.199	1107.930	P254
P255	10.44	-8.88	-0.88	0.151	2006.2644	2017.8233	Yes	-32.071	106.141	P255
P256	9.86	-9.00	-1.62	0.153	2005.2068	2017.8233	Yes	-32.332	2.156	P256
P257	9.95	-9.25	-1.21	0.155	2005.8918	2017.8233	Yes	-32.212	8.056	P257
P258	9.79	-8.78	-0.61	0.154	2007.2781	2017.8233	Yes	-31.888	423.248	P258
P259	9.64	-7.99	-5.45	0.149	2005.5712	2017.8233	Yes	-32.524	36.893	P259
P260	9.35	-9.22	-1.00	0.156	2005.5548	2007.9329	No	-32.003	23.542	P260
P261	16.13	-10.58	-2.55	0.120	2004.4221	2017.8233	Yes	-31.869	150.538	P261
P262	16.38	-11.52	-1.92	0.152	2005.2397	2017.8233	Yes	-32.096	24.041	P262
P263	16.61	-10.45	-2.65	0.163	2008.3156	2017.8233	Yes	-30.436	585.322	P263
P264	12.25	-9.39	-0.77	0.169	2005.3630	2017.8233	Yes	-30.881	262.432	P264
P265	9.63	-8.81	-5.21	0.154	2005.6507	2017.8233	Yes	-31.303	39.840	P265
P266	9.86	-8.54	-2.65	0.150	2005.3767	2017.8233	Yes	-32.214	55.180	P266
P267	9.76	-8.11	-4.17	0.148	2005.2644	2017.8233	Yes	-31.846	14.845	P267
P268	9.13	-9.83	-4.10	0.165	2005.2726	2017.8233	Yes	-31.296	7.845	P268
P269	9.43	-7.27	-1.64	0.143	2008.3265	2017.8233	Yes	-29.734	328.449	P269
P270	8.07	-8.46	-3.33	0.154	2005.3822	2017.8233	Yes	-29.512	17.667	P270
P271	7.95	-9.17	-14.60	0.205	2004.3811	2017.8233	Yes	-30.775	12.947	P271
P272	7.48	-7.40	-3.47	0.152	2005.8178	2017.8233	Yes	-29.47	17.882	P272
P273	8.98	-8.59	-3.93	0.153	2005.8178	2017.8233	Yes	-31.586	5.669	P273
P274	8.91	-9.50	-2.90	0.139	2005.8205	2017.8233	Yes	-31.314	4.013	P274

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)
P275	KenefikRchCN2006	-2596600.0695	-4285033.6022	3933502.6274	0.0033	0.0040	0.0039	38	19	17.502974	-121	12	52.519723	-5.2690
P276	LDoradoHilCN2005	-2576197.8473	-4271426.4554	3961769.6999	0.0032	0.0039	0.0038	38	38	43.106543	-121	5	42.603487	207.2666
P277	PigeonPt__CN2007	-2723379.4806	-4296846.3287	3834491.7502	0.0032	0.0038	0.0038	37	11	32.545522	-122	22	0.793392	115.2976
P278	ClarkeMtn_CS2004	-2675257.8313	-4441700.8660	3702496.7683	0.0031	0.0037	0.0036	35	42	40.511895	-121	3	38.728995	465.8916
P279	GulchHouseCN2007	-2672701.5111	-4437235.5188	3709648.9352	0.0031	0.0037	0.0037	35	47	26.335203	-121	3	43.271786	469.9260
P280	CamattaCynCS2006	-2625231.6016	-4483987.9343	3687423.2050	0.0033	0.0041	0.0039	35	32	38.599272	-120	20	51.392759	476.4313
P281	CholameCrkCN2004	-2618741.6023	-4465418.2981	3714134.5562	0.0034	0.0042	0.0040	35	50	27.815305	-120	23	22.067319	383.8323
P282	GoldHill__CN2004	-2615403.5423	-4467629.1594	3713848.5033	0.0037	0.0047	0.0043	35	50	16.112718	-120	20	42.778903	394.6941
P283	StonCorralCN2004	-2611762.9188	-4472137.6091	3711069.9362	0.0035	0.0043	0.0041	35	48	24.011102	-120	17	6.930487	434.2092
P284	AvilaRanchCN2005	-2655930.2067	-4436532.5986	3722498.8259	0.0034	0.0041	0.0039	35	55	59.742150	-120	54	24.652266	512.2234
P285	BuckRidge_CN2006	-2645512.2571	-4406096.5050	3766021.1814	0.0031	0.0038	0.0037	36	25	1.845979	-120	58	53.341669	805.7507
P286	BabiesGch_CN2007	-2632179.7725	-4406240.2425	3774674.1193	0.0033	0.0041	0.0040	36	30	57.270704	-120	51	11.010274	538.8371
P287	EmeryRanchCN2005	-2636720.8281	-4441126.2106	3730779.4604	0.0033	0.0041	0.0039	36	1	29.411114	-120	41	52.206841	609.7610
P288	MooneyCyn_CN2006	-2646785.0286	-4426152.8558	3741001.3504	0.0033	0.0040	0.0039	36	8	24.749478	-120	52	44.058615	397.7180
P289	Peachtree_CN2007	-2637903.9879	-4434125.8660	3738094.9284	0.0030	0.0036	0.0036	36	6	24.635238	-120	44	55.750419	540.6592
P290	MustangRdgCN2006	-2634085.5898	-4431326.3876	3744819.6867	0.0030	0.0035	0.0035	36	10	44.180039	-120	43	41.716936	987.7611
P291	DeerVlyRchCN2007	-2636019.0760	-4449325.6599	3721644.3473	0.0031	0.0038	0.0037	35	55	22.002405	-120	38	41.187619	661.3687
P292	LowGastro_CN2008	-2620192.7251	-4452596.6536	3729460.5212	0.0034	0.0044	0.0041	36	0	26.870944	-120	28	31.001339	1018.6195
P293	SulphurCrkCN2006	-2622538.2750	-4444556.3606	3736526.6237	0.0032	0.0038	0.0037	36	5	21.711046	-120	32	34.784276	538.8678
P294	AlcaldeHilCN2006	-2613401.2237	-4447338.5590	3739546.0817	0.0032	0.0039	0.0038	36	7	23.650391	-120	26	23.583831	509.4114
P295	ChimneyRR_CS2004	-2658829.3525	-4452734.8923	3701288.1694	0.0033	0.0039	0.0038	35	41	49.482898	-120	50	32.592214	583.4930
P296	Jacalitos_CN2006	-2609740.1337	-4454682.5374	3732983.2818	0.0035	0.0043	0.0041	36	3	5.958063	-120	21	48.828907	265.3328
P297	SAFOD_GPS_CN2005	-2627088.1640	-4450693.6451	3726234.8374	0.0034	0.0042	0.0040	35	58	26.713989	-120	33	6.700951	629.3116
P298	CedarCyn__CN2005	-2605537.3560	-4459903.9410	3729803.7298	0.0033	0.0041	0.0039	36	0	57.031899	-120	17	38.620575	323.2558
P299	Duckworth_CN2007	-2630007.5862	-4427641.8369	3751687.2997	0.0034	0.0039	0.0038	36	15	24.548813	-120	42	36.720790	809.3944
P300	HarrisRnchCN2004	-2594605.6200	-4444233.0206	3755548.5239	0.0033	0.0041	0.0040	36	18	15.938184	-120	16	37.137152	137.2931
P301	LilPanocheCN2004	-2613694.9913	-4394438.3914	3800256.4957	0.0034	0.0042	0.0040	36	48	22.647407	-120	44	34.999044	89.2282
P302	PanocheCrkCN2004	-2609953.3259	-4409926.0242	3785015.4247	0.0035	0.0042	0.0041	36	38	5.018011	-120	37	6.879275	122.6477
P303	LosBanos__CN2005	-2602314.2060	-4381873.5740	3822210.2328	0.0035	0.0044	0.0042	37	3	15.778778	-120	42	19.073342	-2.0367
P304	Mendota___CN2004	-2586225.6227	-4415774.7411	3794231.9732	0.0032	0.0039	0.0039	36	44	20.414403	-120	21	23.764739	17.0166
P305	Planada___CN2005	-2553307.2447	-4387591.5640	3848596.8282	0.0037	0.0045	0.0043	37	21	7.969925	-120	11	48.340279	96.0656
P306	WildcatCrkCN2006	-2572226.9145	-4341705.2906	3887553.8477	0.0033	0.0040	0.0039	37	47	42.600612	-120	38	40.059367	82.5198
P307	MaderaDOT_CN2005	-2556242.8332	-4417223.7603	3812747.6449	0.0039	0.0050	0.0047	36	56	50.171929	-120	3	28.520037	49.2139
P308	YOS_HetchyCN2008	-2507996.8696	-4372093.2885	3897714.8008	0.0036	0.0047	0.0043	37	54	4.141575	-119	50	24.723713	1501.8684
P309	Calaveras_CN2005	-2585071.5549	-4310586.7479	3913335.8479	0.0035	0.0044	0.0042	38	5	23.964140	-120	57	4.464236	41.4095
P310	AlderRidgeCN2006	-2516711.5540	-4300916.0590	3970585.2970	0.0038	0.0045	0.0044	38	44	8.184324	-120	20	3.622812	1791.3253
P311	Hunchback_CS2008	-2430788.4580	-4473267.6527	3835347.5320	0.0030	0.0037	0.0037	37	10	39.225361	-118	31	11.292311	3698.6422
P312	SmithRidgeCN2006	-2733236.9689	-4098567.2118	4037965.0215	0.0064	0.0075	0.0068	39	31	45.045699	-123	41	54.162726	254.8975
P313	BuchaRidgeCN2006	-2722844.0661	-4103716.2469	4040367.6849	0.0050	0.0059	0.0056	39	33	15.440346	-123	33	52.374939	651.7531
P314	CahtoPeak_CN2004	-2719193.2802	-4095528.6581	4051987.7522	0.0032	0.0037	0.0038	39	41	8.391611	-123	34	54.667494	1251.9296
P315	LeggettSchCN2005	-2721398.7417	-4077958.9807	4066536.1995	0.0039	0.0045	0.0045	39	51	48.900193	-123	43	0.840128	257.9263
P316	RequaYurokCN2006	-2678784.8958	-3958610.2916	4209244.6703	0.0048	0.0055	0.0053	41	33	32.877816	-124	5	10.124264	234.9619
P317	AdanacRnchCN2006	-2708349.1761	-4083834.2175	4070674.2926	0.0042	0.0053	0.0049	39	54	20.412674	-123	33	6.672570	1118.6583
P318	WillitsAirCN2006	-2712963.2153	-4118825.5147	4031599.6858	0.0035	0.0042	0.0042	39	27	8.529690	-123	22	18.684293	594.9414
P319	HogHoleRdgCN2004	-2697514.3009	-4107341.2975	4053347.0190	0.0038	0.0046	0.0046	39	42	25.547482	-123	17	42.295460	513.0467
P320	EmandalFrmCN2008	-2697996.3799	-4125046.2978	4034938.5490	0.0043	0.0050	0.0052	39	29	34.176905	-123	11	12.438330	392.4268
P321	Updegraph_CN2008	-2697493.1741	-4091747.8302	4069964.0433	0.0045	0.0049	0.0050	39	53	49.993188	-123	23	41.820010	1133.6639
P322	LightnCampCN2008	-2679894.7133	-4098042.1799	4075685.6916	0.0036	0.0044	0.0043	39	57	43.716511	-123	10	56.942161	1433.9218
P324	BlocksburgCN2006	-2701575.3830	-4057628.2616	4100120.0215	0.0037	0.0044	0.0043	40	15	24.616036	-123	39	20.663159	509.3550
P325	SchoolHousCN2006	-2681660.3859	-3993349.5323	4175722.5289	0.0031	0.0036	0.0037	41	9	6.011145	-123	52	57.389802	914.5679
P326	ShowersMtnCN2006	-2692228.4388	-4036989.2144	4127536.4049	0.0034	0.0038	0.0039	40	34	31.128971	-123	41	56.156332	1261.6889
P329	StewartRchCN2007	-2694249.8251	-4077978.6022	4085640.5278	0.0034	0.0041	0.0041	40	4	55.971560	-123	27	7.375652	1034.6183
P330	RedMtnHeliCN2007	-2662465.2283	-4078674.1021	4106554.9049	0.0032	0.0038	0.0039	40	19	26.646397	-123	8	8.102589	1653.0094
P331	EagleRock_CN2007	-2659615.5584	-4045161.8443	4140999.2419	0.0034	0.0040	0.0041	40	43	58.490228	-123	19	26.921684	1541.9834
P332	HayforkAirCN2005	-2656058.5505	-4062827.2518	4124742.5690	0.0038	0.0045	0.0046	40	32	47.940106	-123	10	28.222709	684.4915
P333	BaldMtnMNFCN2007	-2678514.7712	-4128374.3155	4046974.2370	0.0035	0.0040	0.0040	39	37	16.970429	-122	58	32.722990	2008.8338
P334	Sheetiron_CN2007	-2666064.3440	-4147108.1169	4035985.9150	0.0033	0.0039	0.0039	39	29	36.929564	-122	44	9.146762	1936.2361
P335	BlackButteCN2008	-2667211.0460	-4127042.6983	4056074.8026	0.0034	0.0041	0.0041	39	43	34.282325	-122	52	25.102546	2229.4856
P336	HubbardRdgCN2007	-2641933.2598	-4158128.6371	4037891.0913	0.0035	0.0041	0.0041	39	31	41.086433	-122	25	49.750462	286.7212
P337	PattymocusCN2007	-2644342.4950	-4092414.7420	4103896.2595	0.0044	0.0050	0.0049	40	17	46.278361	-122	52	7.705307	1193.3069
P338	WeavrvlAirCN2005	-2630296.5111	-4062238.0375	4141663.4956	0.0039	0.0047	0.0046	40	44	51.189138	-122	55	22.911272	672.2140
P339	Valentine_CN2007	-2640046.4031	-4117311.4494	4081516.2807	0.0038	0.0046	0.0045	40	2	2.796676	-122	40	5.707464	979.5648
P340	DashielCrkCN2008	-2691539.2926	-4136726.9692	4028080.5433	0.0047	0.0062	0.0055	39	24	33.618146	-123	2	59.371720	864.7231
P341	WhiskytownCN2005	-2611516.2096	-4082430.4395	4133331.9665	0.0038	0.0047	0.0046	40	39	2.360782	-122	36	24.849097	406.8342
P343	ChinaPeak_CN2007	-2654205.6910	-4035388.8531	4154013.7348	0.0032	0.0039	0.0040	40	53	13.659834	-123	20	3.164375	1617.4705
P344	VinaHelitkCN2006	-2597466.5440	-4152302.8007	4071985.7705	0.0035	0.0042	0.0041	39	55	44.841590	-122	1	40.707165	49.7556
P345	HookerDomeCN2005	-2602011.8191	-4120622.2531	4101097.3435	0.0038	0.0048	0.0046	40	16	16.442241	-122	16	14.912050	134.0726
P347	AdinCTYardCN2007	-2472679.0155	-4123626.0464	4178604.1099	0.0033	0.0040	0.0040	41	11	0.033693	-120	56	54.469904	1268.8183
P348	HatchetMtnCN2005	-2546531.2497	-4102655.4990	4155593.2958	0.0034	0.0041	0.0041	40	54	19.963156	-121	49	40.819153	1668.0634
P349	WonderlandCN2005	-2587828.2825	-4090479.8201	4140018.8351	0.0042	0.0048	0.0048	40	43	51.905946	-122	19	9.672403	275.3922
P362	BosleyButtOR2007	-2661638.9084	-3912693.1902	4263516.0809	0.0035	0.0040	0.0041	42	12	32.773073	-124	13	32.843263	1012.4075
P368	grants035gor2006	-2591421.4643	-3932572.4111	4287219.1740	0.0037	0.0044	0.0044	42	30	12.686949	-123	23	0.318666	319.4436
P370	AshlandAirOR2005	-2554026.0620	-3984975.5427	4261717.8856	0.0041	0.0050	0.0050	42	11	27.551564	-122	39	22.943620	555.0427
P380	OITCampus_OR2005	-2490381.2750	-4019753.2494	4267929.8850	0.0031	0.0037	0.0039	42	15	34.811125	-121	46	46.918131	1390.8128
P388	Willow_SprOR2005	-2383366.6630	-4065989.3173	4285106.2610	0.0034	0.0042	0.0042	42	28	7.604006	-120	22	39.404877	1405.7398
P462	GoldValleyCS2006	-2313834.1330	-4614842.7695	3735376.3595	0.0033	0.0042	0.0037	36	4	16.736869	-116	37	43.355890	1334.4031
P463	Ballarat__CS2007	-2358354.9410	-4595829.8733	3730988.4317	0.0030	0.0037	0.0036	36	1	20.873802	-117	9	52.829222	1327.0010
P464	PanamintVQCS2006	-2373746.5454	-4577465.2894	3742992.4261	0.0031	0.0041	0.0039	36	9	32.563602	-117	24	36.008440	911.5311
P465	HorseshoeMCS2007	-2422489.4493	-4530744.6245	3771699.9548	0.0032	0.0040	0.0039	36	28	0.601350	-118	7	56.767206	2901.5415
P466	CerroGordoCS2007	-2393286.9665	-4541296.8449	3777361.1663	0.0030	0.0037	0.0035	36	31	52.495824	-117	47	22.066378	2754.5814
P467	AlabamaHilCS2006	-2415391.6739	-4525408.5722	3780016.1985	0.0032	0.0042	0.0040	36	34	12.725913	-118	5	26.250872	1380.1161
P468	MazourkaPkCS2006	-2405438.7815	-4501513.2783	3816953.6729	0.0030	0.0037	0.0037	36	58	32.454242	-118	7	6.113427	2853.3097
P469	HarlisMineCS2007	-2382664.4274	-4493276.5536	3838959.5265	0.0032	0.0041	0.0039	37	13	53.127679	-117	56	8.922133	1794.8311
P470	BaldyMesa_CS2004	-2422555.5500	-4674803.1930	3589415.1604	0.0033	0.0042	0.0039	34	27	44.657484	-117	23	38.009741	991.3818
P471	SanJuanCrkCS2005	-2460057.0308	-4717506.7742	3506174.8351	0.0031	0.0039	0.0037	33	33	43.653267	-117	32	27.127845	174.7553
P472	CampElliotCS2004	-2442691.7798	-4772473.1596	3443722.2956	0.0030	0.0039	0.0035	32	53	21.156455	-117	6	16.914984	137.8371
P473	Jamacha_LFCS2004	-2434009.7657	-4787436.0025	3429261.8454	0.0031	0.0041	0.0036	32	44	1.597308	-116	56	58.267854	188.5519
P474	Fallbrook_CS2004	-2441765.6463	-4741246.2075	3487030.8269	0.0032	0.0041	0.0038	33	21	18.697615	-117	14	55.302789	182.9060
P475	Point_LomaCS2007	-2460343.9634	-4778294.7760	3422858.2530	0.0032	0.0041	0.0036	32	39	59.028258	-117	14	38.178880	-25.0551
P476	SantaMargaCS2005	-2434573.0899	-4739266.4161	3494921.3364	0.0031	0.0040	0.0036	33	26	22.739901	-117	11	22.847444	309.7415

STATION	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)		
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)	d	m	s
P275	2.02	2.02	5.85	0.60	0.80	3.36	-3.70	-22.71	-2.39	0.06	0.08	0.37	-2596599.1606	-4285034.8621	3933502.7179	38	19	17.493083
P276	1.99	1.99	5.68	0.57	0.64	3.30	-3.77	-22.51	0.02	0.04	0.06	0.35	-2576196.9369	-4271427.7126	3961769.7880	38	38	43.096496
P277	1.96	1.93	5.62	0.70	0.76	2.49	23.76	-38.99	-0.56	0.08	0.08	0.24	-2723378.5753	-4296847.5952	3834491.8460	37	11	32.536529
P278	1.97	1.94	5.33	1.65	1.67	4.87	23.45	-39.36	1.97	0.18	0.18	0.53	-2675256.9373	-4441702.1524	3702496.8819	35	42	40.502757
P279	1.98	1.96	5.37	0.66	0.91	2.74	22.53	-39.58	1.08	0.06	0.08	0.25	-2672700.6166	-4437236.8044	3709649.0481	35	47	26.326039
P280	2.08	2.06	5.83	0.88	0.85	3.77	18.83	-36.17	1.01	0.12	0.08	0.45	-2625230.7102	-4483989.2253	3687423.3227	35	32	38.589864
P281	2.09	2.08	6.08	0.91	1.31	2.92	14.55	-30.03	0.46	0.10	0.16	0.24	-2618740.7091	-4465419.5859	3714134.6712	35	50	27.805815
P282	2.23	2.20	6.67	0.73	0.90	3.07	8.91	-27.61	1.98	0.06	0.06	0.25	-2615402.6493	-4467630.4474	3713848.6185	35	50	16.103208
P283	2.13	2.09	6.15	0.68	0.89	4.01	8.30	-27.09	2.27	0.04	0.06	0.39	-2611762.0261	-4472138.8976	3711070.0519	35	48	24.001575
P284	2.10	2.07	5.93	0.93	1.05	3.38	21.06	-38.50	-0.65	0.10	0.12	0.33	-2655929.3118	-4436533.8834	3722498.9383	35	55	59.732868
P285	1.96	1.95	5.49	0.66	0.90	2.64	2.03	-23.00	1.91	0.06	0.10	0.24	-2645511.3594	-4406097.7846	3766021.2893	36	25	1.836575
P286	2.09	2.07	5.91	1.25	1.24	3.46	-0.66	-21.53	0.93	0.14	0.14	0.31	-2632178.8746	-4406241.5216	3774674.2269	36	30	57.261206
P287	2.10	2.05	5.82	0.87	2.13	2.96	21.33	-38.82	0.49	0.10	0.27	0.25	-2636719.9333	-4441127.4953	3730779.5728	36	1	29.401705
P288	2.10	2.06	5.78	0.75	0.85	2.95	21.77	-39.54	0.83	0.08	0.10	0.25	-2646784.1326	-4426154.1386	3741001.4611	36	8	24.740114
P289	2.02	1.96	5.22	0.60	1.00	2.72	21.57	-39.07	1.28	0.06	0.14	0.24	-2637903.0924	-4434127.1497	3738095.0399	36	6	24.625825
P290	2.00	1.94	5.09	0.72	0.79	2.57	-0.05	-20.96	2.07	0.06	0.06	0.20	-2634084.6940	-4431327.6705	3744819.7976	36	10	44.170595
P291	2.05	2.00	5.46	0.70	0.82	2.74	21.27	-36.95	0.90	0.08	0.10	0.27	-2636018.1819	-4449326.9458	3721644.4607	35	55	21.993006
P292	2.04	2.09	6.23	2.08	1.91	3.70	5.62	-22.09	1.91	0.35	0.31	0.51	-2620191.8308	-4452597.9393	3729460.6346	36	0	26.861440
P293	2.05	2.00	5.49	1.39	1.59	3.20	2.81	-21.57	2.02	0.18	0.20	0.25	-2622537.3801	-4444557.6452	3736526.7361	36	5	21.701544
P294	2.09	2.02	5.58	0.85	0.85	2.90	2.27	-20.82	1.85	0.08	0.06	0.24	-2613400.3288	-4447339.8437	3739546.1942	36	7	23.640829
P295	2.08	2.04	5.69	0.67	0.76	2.73	22.45	-38.23	1.35	0.04	0.04	0.20	-2658828.4591	-4452736.1798	3701288.2839	35	41	49.473665
P296	2.15	2.15	6.12	1.12	0.91	3.06	3.32	-20.94	2.01	0.10	0.08	0.25	-2609739.2395	-4454683.8231	3732983.3951	36	3	5.948489
P297	2.06	2.07	6.02	0.75	0.97	3.04	18.47	-33.94	1.10	0.08	0.10	0.25	-2627087.2697	-4450694.9308	3726234.9507	35	58	26.704530
P298	2.11	2.09	5.88	1.33	0.97	3.33	3.23	-21.30	2.00	0.12	0.08	0.27	-2605536.4621	-4459905.2274	3729803.8437	36	0	57.022304
P299	2.00	1.95	5.74	7.28	4.93	7.21	0.45	-21.29	1.92	1.23	0.84	1.16	-2630006.6900	-4427643.1191	3751687.4101	36	15	24.539334
P300	2.09	2.07	5.94	3.53	6.16	3.08	1.69	-18.07	0.11	0.47	0.84	0.24	-2594604.7246	-4444234.3041	3755548.6354	36	18	15.928483
P301	2.09	2.08	6.01	0.67	0.87	2.99	-1.96	-21.32	0.48	0.06	0.08	0.24	-2613694.0920	-4394439.6681	3800256.6012	36	48	22.637760
P302	2.15	2.13	6.09	1.27	3.36	3.48	-0.92	-19.15	-1.58	0.16	0.45	0.33	-2609952.4278	-4409927.3031	3785015.5322	36	38	5.008361
P303	2.09	2.13	6.31	2.17	0.84	23.83	-1.65	-22.19	-30.33	0.31	0.08	3.45	-2602313.3054	-4381874.8483	3822210.3363	37	3	15.769032
P304	2.05	2.02	5.70	3.49	2.15	21.25	-3.31	-22.91	-18.28	0.45	0.27	2.72	-2586224.7247	-4415776.0200	3794232.0807	36	44	20.404594
P305	2.15	2.17	6.53	0.62	0.67	3.27	-2.43	-22.29	2.12	0.06	0.04	0.31	-2553306.3436	-4387592.8374	3848596.9309	37	21	7.959840
P306	2.06	2.05	5.81	0.67	0.85	4.15	-2.98	-22.77	0.76	0.06	0.10	0.49	-2572226.0100	-4341706.5578	3887553.9449	37	47	42.590602
P307	2.21	2.29	7.23	0.94	1.07	12.95	-0.47	-24.91	-27.71	0.12	0.14	1.86	-2556241.9347	-4417225.0382	3812747.7517	36	56	50.161909
P308	2.08	2.16	6.68	1.69	0.90	4.51	-2.38	-22.27	0.72	0.33	0.12	0.80	-2507995.9663	-4372094.5577	3897714.9002	37	54	4.131145
P309	2.11	2.13	6.32	0.53	1.34	3.06	-3.33	-23.12	0.03	0.04	0.18	0.31	-2585070.6480	-4310588.0111	3913335.9415	38	5	23.954189
P310	2.14	2.20	6.67	0.94	0.85	3.69	-3.58	-22.18	0.02	0.10	0.08	0.45	-2516710.6449	-4300917.3182	3970585.3872	38	44	8.173878
P311	2.03	2.06	5.30	1.29	1.17	3.77	-2.83	-20.26	0.12	0.22	0.14	0.55	-2430787.5617	-4473268.9340	3835347.6425	37	10	39.214546
P312	2.30	2.33	11.49	0.88	0.83	4.41	12.49	-34.80	-3.68	0.12	0.10	0.59	-2733236.0474	-4098568.4510	4037965.0914	39	31	45.036725
P313	2.55	2.40	8.92	1.07	0.83	3.35	9.94	-34.06	-2.06	0.14	0.08	0.39	-2722843.1448	-4103717.4863	4040367.7551	39	33	15.431300
P314	2.04	1.95	5.46	0.84	0.98	2.56	7.51	-34.51	-1.04	0.08	0.08	0.20	-2719192.3582	-4095529.8961	4051987.8212	39	41	8.382544
P315	2.14	2.10	6.80	1.03	1.16	3.98	8.35	-33.56	-0.27	0.08	0.12	0.37	-2721397.8183	-4077960.2167	4066536.2663	39	51	48.891145
P316	2.38	2.21	8.35	1.47	1.44	3.99	-2.35	-12.78	-1.41	0.22	0.22	0.51	-2678783.9621	-3958611.5109	4209244.7201	41	33	32.868563
P317	2.19	2.04	7.80	1.02	1.30	3.92	2.10	-29.49	-1.00	0.10	0.16	0.39	-2708348.2529	-4083835.4536	4070674.3598	39	54	20.403535
P318	2.12	2.07	6.24	0.95	1.19	2.92	2.84	-30.08	-1.71	0.12	0.16	0.27	-2712962.2950	-4118826.7558	4031599.7577	39	27	8.520570
P319	2.19	2.14	6.87	1.80	1.23	4.60	-3.08	-29.70	2.06	0.22	0.12	0.49	-2697513.3794	-4107342.5364	4053347.0890	39	42	25.538258
P320	2.40	2.34	7.73	2.00	1.00	3.53	2.17	-29.34	-0.35	0.39	0.12	0.45	-2697995.4598	-4125047.5392	4034938.6214	39	29	34.167680
P321	2.16	2.25	7.72	1.14	1.28	3.74	3.42	-26.95	-1.43	0.18	0.20	0.47	-2697492.2513	-4091749.0670	4069964.1112	39	53	49.983970
P322	2.18	2.21	6.40	1.08	1.14	2.97	-4.38	-22.94	-0.44	0.18	0.20	0.41	-2679893.7907	-4098043.4168	4075685.7598	39	57	43.707169
P324	2.20	2.12	6.47	0.88	1.44	3.13	1.79	-22.62	-0.47	0.08	0.20	0.29	-2701574.4576	-4057629.4942	4100120.0850	40	15	24.606861
P325	2.02	1.92	5.39	0.90	1.42	2.64	-1.81	-11.90	1.97	0.12	0.22	0.27	-2681659.4550	-3993350.7559	4175722.5833	41	9	6.001880
P326	2.05	1.93	5.75	1.07	1.64	3.05	-2.88	-17.27	0.48	0.12	0.24	0.29	-2692227.5116	-4036990.4439	4127536.4653	40	34	31.119746
P329	2.12	2.04	6.06	0.92	1.08	2.69	0.36	-25.91	-0.22	0.14	0.16	0.29	-2694248.9012	-4077979.8371	4085640.5937	40	4	55.962325
P330	2.07	2.00	5.67	0.98	1.58	3.14	-4.49	-20.97	-0.25	0.10	0.20	0.35	-2662464.3038	-4078675.3358	4106554.9700	40	19	26.636941
P331	2.11	2.05	5.98	1.12	1.56	3.57	-4.11	-17.80	-0.12	0.16	0.24	0.51	-2659614.6312	-4045163.0736	4140999.3024	40	43	58.480770
P332	2.27	2.20	6.75	1.12	1.48	3.58	-4.54	-19.74	0.15	0.12	0.18	0.33	-2656057.6247	-4062828.4835	4124742.6318	40	32	47.930610
P333	2.08	2.10	5.95	1.29	1.58	3.41	-3.91	-23.67	-0.29	0.18	0.24	0.47	-2678513.8509	-4128375.5563	4046974.3092	39	37	16.961071
P334	2.08	2.10	5.71	1.98	1.81	3.20	-4.55	-22.45	0.06	0.47	0.39	0.59	-2666063.4251	-4147109.3597	4035985.9893	39	29	36.920118
P335	2.13	2.13	5.99	2.32	1.88	4.07	-4.22	-22.89	-0.95	0.43	0.33	0.67	-2667210.1254	-4127043.9384	4056074.8742	39	43	34.272889
P336	2.08	2.05	6.12	0.69	1.02	3.00	-5.03	-22.06	-0.25	0.06	0.14	0.29	-2641932.3413	-4158129.8809	4037891.1664	39	31	41.076812
P337	2.32	2.33	7.61	1.28	1.68	3.82	-4.78	-21.01	-1.31	0.18	0.24	0.43	-2644341.5713	-4092415.9769	4103896.3259	40	17	46.268771
P338	2.28	2.28	6.93	1.13	1.50	4.20	-4.80	-19.06	-0.16	0.10	0.14	0.41	-2630295.5847	-4062239.2682	4141663.5576	40	44	51.179460
P339	2.24	2.27	6.82	1.08	1.22	3.75	-5.00	-21.65	0.16	0.12	0.14	0.47	-2640045.4813	-4117312.6875	4081516.3503	40	2	2.787047
P340	2.24	2.14	8.99	5.64	2.66	6.00	-6.87	-23.03	-2.72	1.10	0.47	0.82	-2691538.3734	-4136728.2118	4028080.6170	39	24	33.608876
P341	2.20	2.19	6.90	1.63	1.33	4.47	-5.15	-19.85	-0.31	0.16	0.14	0.45	-2611515.2845	-4082431.6722	4133332.0306	40	39	2.350960
P343	2.08	1.99	5.72	1.11	1.43	3.47	-3.90	-17.01	0.00	0.16	0.24	0.51	-2654204.7629	-4035390.0810	4154013.7939	40	53	13.650344
P344	2.07	2.20	6.09	0.61	0.93	3.17	-4.97	-22.08	-0.58	0.06	0.10	0.31	-2597465.6243	-4152304.0423	4071985.8435	39	55	44.831652
P345	2.18	2.17	6.98	0.70	1.05	3.75	-5.26	-21.34	-0.06	0.06	0.12	0.37	-2602010.8969	-4120623.4906	4101097.4124	40	16	16.432339
P347	2.03	2.03	5.84	0.73	0.75	2.96	-6.70	-18.06	-0.32	0.08	0.08	0.35	-2472678.0912	-4123627.2803	4178604.1753	41	11	0.022854
P348	2.08	2.20	6.05	1.16	1.93	5.38	-6.13	-19.39	0.11	0.14	0.24	0.74	-2546530.3249	-4102656.7322	4155593.3607	40	54	19.952863
P349	2.20	2.22	7.34	1.25	1.21	5.94	-5.64	-19.60	0.21	0.12	0.14	0.73	-2587827.3576	-4090481.0532	4140018.8996	40	43	51.895951
P362	2.15	2.09	5.94	1.22	1.45	2.91	-2.50	-11.26	2.29	0.18	0.22	0.31	-2661637.9708	-3912694.4033	4263516.1240	42	12	32.763758
P368	2.23	2.15	6.53	1.19	1.11	3.36	-4.32	-14.06	-0.06	0.16	0.14	0.31	-2591420.5270	-3932573.6246	4287219.2177	42	30	12.677103
P370	2.41	2.37	7.40	1.63	1.43	3.68	-5.41	-14.99	-0.35	0.14	0.16	0.29	-2554025.1282	-3984976.7614	4261717.9351	42	11	27.541390
P380	2.04	1.99	5.53	1.03	0.95	3.04	-6.82	-15.57	-0.89	0.12	0.08	0.25	-2490380.3427	-4019754.4706	4267929.9372	42	15	34.800459
P388	2.17	2.13	6.05	1.44	1.52	4.02	-7.86	-15.91	-0.39	0.14	0.10	0.29	-2383365.7326	-4065990.5417	4285106.3161	42	28	7.592513
P462	1.83	1.96	5.92	2.34	1.22	3.68	-8.25	-15.16	-0.43	0.33	0.14	0.33	-2313833.2470	-4614844.0701	3735376.4853	36	4	16.725551
P463	2.00	2.01	5.28	1.00	0.96	3.43	-5.74	-16.86	-0.41	0.12	0.08	0.31	-2358354.0541	-4595831.1722	3730988.5562	36	1	20.862753
P464	2.00	2.09	5.81	1.04	1.33	3.70	-5.08	-17.87	-0.46	0.12	0.12	0.29	-2373745.6572	-4577466.5859	3742992.5487	36	9	32.552614
P465	2.10	2.11	5.72	1.51	1.89	4.20	-1.72	-20.57	0.22	0.22	0.27	0.39	-2422488.5578	-4530745.9146	3771700.0727	36	28	0.590600
P466	1.92	1.97	5.23	1.01	1.05	2.92	-5.20	-18.44	-0.29	0.14	0.12	0.29	-2393286.0754	-4541298.1359	3777361.2847	36	31	52.484887
P467	2.02	2.09	5.93	1.25	1.63	4.76	-2.72	-19.78	0.00	0.10	0.14	0.37	-2415390.7819	-4525409.8617	3780016.3154	36	34	12.715096
P468	2.03	2.03	5.30	0.90	1.16	3.24	-4.88	-18.75	0.01	0.10	0.10	0.31	-2405437.8872	-4501514.5634	3816953.7864	36	58	32.443301
P469	2.08	2.13	5.75	0.84	0.89	2.90	-6.71	-17.70	0.11	0.10	0.08	0.25	-2382663.5320	-4493277.8369	3838959.6382	37	13	53.116552
P470	2.06	2.12	5.94	1.09	0.79	2.99	4.47	-25.05	0.67	0.12	0.06	0.22	-2422554.6713	-4674804.5073	3589415.2973	34	27	44.647149
P471	2.08	2.05	5.53	0.87	0.93	4.90	17.01	-36.88	0.53	0.08	0.08	0.45	-2460056.1567	-4717508.0975	3506174.9788	33	33	43.643354
P472	1.82	1.95	5.48	0.62	0.75	2.67	17.59	-39.02	-0.53	0.06	0.06	0.18	-2442690.9104	-4772474.4921	3443722.4461	32	53	21.146635
P473	1.88	2.00	5.59	0.58	0.67	2.82	17.80	-39.13	-0.88	0.04	0.04	0.22	-2434008.8975	-4787437.3373	3429261.9976	32	44	1.587488
P474	2.11	2.12	5.67	0.61	0.66	2.78	16.94	-37.74	-0.12	0.04	0.04	0.20	-2441764.7740	-4741247.5343	3487030.9732	33	21	18.687662
P475	1.80	1.93	5.73	0.56	0.70	2.75	19.01	-39.94	-0.82	0.06	0.06	0.24	-2460343.0949	-4778296.1104	3422858.4048	32	39	59.018589
P476	1.88	1.99	5.53	0.84	0.93	3.13	16.27	-37.18	-0.16	0.08	0.06	0.25	-2434572.2173	-4739267.7423	3494921.4823	33	26	22.729889

NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mm	NADvelE(mm	NADvelU(m/	3DposDif(m	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
-121	12	52.460844	-4.737	8.99	-8.78	-3.61	0.154	2006.5356	2017.8233	Yes	-30.497	25.760	P275
-121	5	42.544402	207.795	8.89	-8.49	-1.21	0.152	2005.8808	2017.8233	Yes	-29.448	237.243	P276
-122	22	0.734896	115.822	36.83	-25.51	-1.78	0.301	2007.5466	2017.8233	Yes	-33.35	149.172	P277
-121	3	38.672127	466.478	36.06	-26.05	0.80	0.300	2004.0861	2017.8233	Yes	-34.015	500.493	P278
-121	3	43.214862	470.511	35.14	-26.25	-0.09	0.300	2007.6397	2017.8233	Yes	-33.922	504.433	P279
-120	20	51.336329	477.040	31.19	-22.81	-0.15	0.268	2006.4753	2017.8233	Yes	-34.01	511.050	P280
-120	23	22.010664	384.434	26.93	-16.60	-0.70		2004.8593	2017.8233	Yes	-33.511	417.945	P281
-120	20	42.722271	395.297	21.27	-14.17	0.82	0.186	2004.8429	2017.8233	Yes	-33.487	428.784	P282
-120	17	6.873905	434.814	20.64	-13.65	1.11	0.184	2004.8402	2017.8233	Yes	-33.498	468.312	P283
-120	54	24.595314	512.810	33.62	-25.12	-1.82	0.290	2005.1027	2017.8233	Yes	-33.929	546.739	P284
-120	58	53.284345	806.326	14.62	-9.51	0.73	0.155	2006.5274	2017.8233	Yes	-32.819	839.145	P285
-120	51	10.952933	539.414	11.89	-7.99	-0.25	0.145	2007.6452	2017.8233	Yes	-32.534	571.948	P286
-120	41	52.149920	610.351	33.82	-25.38	-0.68	0.291	2005.0973	2017.8233	Yes	-33.367	643.718	P287
-120	52	44.001529	398.301	34.32	-26.10	-0.35	0.297	2006.1438	2017.8233	Yes	-33.398	431.699	P288
-120	44	55.693417	541.246	34.08	-25.62	0.11	0.293	2007.0699	2017.8233	Yes	-33.266	574.512	P289
-120	43	41.659896	988.347	12.45	-7.49	0.90	0.145	2006.1493	2017.8233	Yes	-32.891	1021.238	P290
-120	38	41.130793	661.962	33.74	-23.53	-0.27	0.281	2007.6397	2017.8233	Yes	-33.522	695.484	P291
-120	28	30.944536	1019.216	18.03	-8.63	0.74	0.155	2008.1052	2017.8233	Yes	-33.164	1052.380	P292
-120	32	34.727379	539.461	15.24	-8.10	0.85	0.149	2006.7603	2017.8233	Yes	-33.124	572.585	P293
-120	26	23.526957	510.006	14.67	-7.32	0.68	0.141	2006.3767	2017.8233	Yes	-33.301	543.307	P294
-120	50	32.535455	584.086	34.98	-24.90	0.18	0.293	2004.0287	2017.8233	Yes	-34.02	618.106	P295
-120	21	48.772115	265.931	15.69	-7.45	0.84	0.144	2006.7630	2017.8233	Yes	-33.517	299.448	P296
-120	33	6.644132	629.906	30.91	-20.50	-0.07	0.265	2005.7986	2017.8233	Yes	-33.252	663.158	P297
-120	17	38.563841	323.857	15.58	-7.81	0.83	0.144	2005.4342	2017.8233	Yes	-33.607	357.464	P298
-120	42	36.663702	809.980	12.94	-7.80	0.74	0.148	2007.4342	2017.8233	Yes	-32.601	842.581	P299
-120	16	37.080220	137.889	14.03	-4.51	-1.06	0.118	2004.9549	2017.8233	Yes	-33.691	171.580	P300
-120	44	34.941536	89.802	10.55	-7.70	-0.71	0.143	2004.9577	2017.8233	Yes	-33.363	123.165	P301
-120	37	6.821949	123.228	11.55	-5.55	-2.76	0.127	2004.9577	2017.8233	Yes	-33.418	156.646	P302
-120	42	19.015666	-1.467	10.85	-8.50	-31.52	0.257	2005.5712	2017.8233	Yes	-33.255	31.788	P303
-120	21	23.707454	17.602	9.07	-9.25	-19.46	0.209	2004.3265	2017.8233	Yes	-33.425	51.027	P304
-120	11	48.282612	96.643	9.90	-8.45	0.93	0.150	2005.5548	2017.8233	Yes	-31.105	127.748	P305
-120	38	40.001156	83.077	9.51	-8.89	-0.45	0.155	2006.5329	2017.8233	Yes	-30.472	113.549	P306
-120	3	28.462737	49.802	11.81	-11.16	-28.89	0.257	2005.7932	2017.8233	Yes	-32.585	82.387	P307
-119	50	24.665805	1502.444	9.84	-8.24	-0.48		2008.2773	2017.8233	Yes	-26.002	1528.446	P308
-120	57	4.405657	41.953	9.27	-9.21	-1.19	0.159	2006.1301	2017.8233	Yes	-30.655	72.608	P309
-120	20	3.564011	1791.871	8.82	-8.02	-1.20	0.151	2006.5575	2017.8233	Yes	-24.65	1816.521	P310
-118	31	11.235618	3699.265	8.92	-6.23	-1.05	0.136	2008.6571	2017.8233	Yes	-24.508	3723.773	P311
-123	41	54.101841	255.343	26.03	-20.97	-4.96	0.254	2006.4890	2017.8233	Yes	-30.627	285.970	P312
-123	33	52.314089	652.201	23.44	-20.20	-3.34	0.235	2006.4918	2017.8233	Yes	-30.042	682.243	P313
-123	34	54.606532	1252.375	21.02	-20.63	-2.32	0.235	2004.6134	2017.8233	Yes	-29.614	1281.989	P314
-123	43	0.778949	258.365	21.90	-19.66	-1.56	0.229	2005.4808	2017.8233	Yes	-30.027	288.392	P315
-124	5	10.061405	235.359	11.35	1.44	-2.73	0.089	2006.4973	2017.8233	Yes	-28.834	264.193	P316
-123	33	6.611428	1119.100	15.60	-15.55	-2.29	0.195	2006.4178	2017.8205	Yes	-29.504	1148.604	P317
-123	22	18.623603	595.397	16.28	-16.22	-2.98	0.200	2006.4836	2017.8233	Yes	-29.675	625.072	P318
-123	17	42.234581	513.499	10.33	-15.77	0.78	0.198	2004.7063	2017.8233	Yes	-29.201	542.700	P319
-123	11	12.377674	392.886	15.54	-15.44	-1.62	0.193	2008.3292	2017.8233	Yes	-29.035	421.921	P320
-123	23	41.758936	1134.110	16.87	-12.99	-2.71	0.183	2008.5205	2017.8178	Yes	-29.31	1163.420	P321
-123	10	56.881116	1434.372	9.00	-8.93	-1.72	0.154	2008.5260	2017.8178	Yes	-28.463	1462.835	P322
-123	39	20.601662	509.788	15.33	-8.62	-1.76	0.151	2006.3740	2017.8233	Yes	-29.913	539.701	P324
-123	52	57.327412	914.978	11.82	2.26	0.66	0.083	2006.8151	2017.8233	Yes	-28.594	943.572	P325
-123	41	56.094543	1262.114	10.68	-3.20	-0.82	0.118	2006.3795	2017.8233	Yes	-28.793	1290.907	P326
-123	27	7.314393	1035.060	13.83	-11.91	-1.51	0.172	2007.7192	2017.8233	Yes	-29.401	1064.461	P329
-123	8	8.041246	1653.454	8.88	-6.87	-1.54	0.143	2007.4534	2017.8233	Yes	-27.57	1681.024	P330
-123	19	26.859898	1542.415	9.33	-3.64	-1.42	0.121	2007.4671	2017.8233	Yes	-27.048	1569.463	P331
-123	10	28.161139	684.931	8.85	-5.59	-1.14	0.131	2005.7301	2017.8233	Yes	-27.508	712.439	P332
-122	58	32.662328	2009.296	9.40	-9.70	-1.56	0.162	2007.6233	2017.8233	Yes	-27.935	2037.231	P333
-122	44	9.086303	1936.707	8.68	-8.47	-1.21		2007.4699	2017.8233	Yes	-27.881	1964.588	P334
-122	52	25.041838	2229.948	9.06	-8.88	-2.22	0.154	2008.4495	2017.8233	Yes	-27.734	2257.682	P335
-122	25	49.690078	287.199	8.09	-8.03	-1.51	0.151	2007.6589	2017.8233	Yes	-29.19	316.389	P336
-122	52	7.644088	1193.759	8.50	-6.87	-2.59	0.143	2007.4452	2017.6425	Yes	-27.723	1221.482	P337
-122	55	22.849618	672.656	8.50	-4.83	-1.45	0.130	2005.7219	2017.8233	Yes	-26.492	699.148	P338
-122	40	5.646555	980.027	8.21	-7.54	-1.12	0.147	2007.3164	2017.8233	Yes	-28.339	1008.366	P339
-123	2	59.311195	865.187	6.46	-9.12	-3.99	0.162	2008.1216	2017.8233	Yes	-28.806	893.993	P340
-122	36	24.787655	407.286	8.05	-5.59	-1.60	0.136	2005.7274	2017.8233	Yes	-26.953	434.239	P341
-123	20	3.102446	1617.899	9.55	-2.81	-1.30	0.115	2007.4699	2017.8233	Yes	-26.341	1644.240	P343
-122	1	40.646598	50.236	8.02	-7.89	-1.85	0.151	2006.6425	2017.8233	Yes	-27.931	78.167	P344
-122	16	14.851081	134.540	7.82	-7.11	-1.34	0.147	2005.7493	2017.8233	Yes	-28.508	163.048	P345
-120	56	54.408676	1269.300	5.94	-3.41	-1.60	0.128	2007.7000	2017.8233	Yes	-22.961	1292.261	P347
-121	49	40.757813	1668.529	6.81	-4.94	-1.17	0.138	2005.7411	2017.8233	Yes	-24.852	1693.381	P348
-122	19	9.611003	275.849	7.46	-5.28	-1.08	0.136	2005.8205	2017.8233	Yes	-26.767	302.616	P349
-124	13	32.779732	1012.789	11.26	3.08	0.95	0.085	2007.4479	2017.8233	Yes	-27.108	1039.897	P362
-123	23	0.255145	319.840	9.16	0.48	-1.39	0.100	2006.2562	2017.8233	Yes	-24.369	344.209	P368
-122	39	22.880698	555.463	7.83	-0.39	-1.67	0.106	2005.6178	2017.8233	Yes	-23.78	579.243	P370
-121	46	46.855508	1391.253	6.12	-0.81	-2.20	0.115	2005.2479	2017.5603	Yes	-22.644	1413.897	P380
-120	22	39.342651	1406.209	4.61	-0.88	-1.69	0.118	2005.6288	2017.8233	Yes	-20.775	1426.984	P388
-116	37	43.300952	1335.096	2.81	-1.18	-1.55	0.114	2006.9301	2017.8233	Yes	-28.807	1363.903	P462
-117	9	52.774035	1327.682	5.51	-2.96	-1.54	0.120	2007.2973	2017.8233	Yes	-29.105	1356.787	P463
-117	24	35.953024	912.203	6.26	-3.96	-1.59	0.124	2006.2014	2017.8233	Yes	-29.04	941.243	P464
-118	7	56.711221	2902.189	9.88	-6.67	-0.93	0.136	2007.4479	2017.8233	Yes	-26.375	2928.564	P465
-117	47	22.010519	2755.236	6.28	-4.48	-1.43	0.126	2007.3575	2017.8233	Yes	-27.268	2782.504	P466
-118	5	26.194816	1380.762	8.87	-5.85	-1.15	0.134	2006.2068	2017.8233	Yes	-27.033	1407.795	P467
-118	7	6.057075	2853.947	6.72	-4.72	-1.15	0.129	2006.8726	2017.8233	Yes	-26.048	2879.995	P468
-117	56	8.865669	1795.468	4.83	-3.58	-1.05	0.126	2007.2945	2017.8233	Yes	-26.217	1821.685	P469
-117	23	37.955488	992.088	15.78	-11.59	-0.42	0.170	2004.9522	2017.8233	Yes	-31.827	1023.915	P470
-117	32	27.074077	175.476	28.37	-23.69	-0.55	0.269	2006.0260	2017.8233	Yes	-33.844	209.320	P471
-117	6	16.861851	138.582	28.78	-25.96	-1.59	0.287	2004.8620	2017.8233	Yes	-34.16	172.742	P472
-116	56	58.214896	189.304	28.94	-26.09	-1.93	0.292	2004.9713	2017.8233	Yes	-33.836	223.140	P473
-117	14	55.249300	183.638	28.19	-24.57	-1.19	0.274	2004.5915	2017.8233	Yes	-33.393	217.031	P474
-117	14	38.125803	-24.309	30.25	-26.96	-1.87	0.295	2007.5986	2017.8233	Yes	-35.504	11.195	P475
-117	11	22.793936	310.474	27.50	-23.98	-1.23	0.263	2005.1658	2017.8233	Yes	-32.851	343.325	P476

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mm	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
P477	TemeculaVHCS2005	-2426508.0273	-4739084.1863	3500778.0370	0.0030	0.0039	0.0035	33	30	10.086557	-117	6	48.149468	334.4612	1.84	1.96	5.43	0.71	1.04	3.16	16.03	-35.88	-4.41	0.06	0.10	0.29	-2426507.1545	-4739085.5121	3500778.1826	33	30	10.076485	-117	6	48.095963	335.194	27.23	-22.65	-5.48	0.261	2005.3986	2017.8233	Yes	-32.623	367.817	P477
P478	ValleyCntrCS2004	-2430481.3119	-4755389.1179	3476057.8323	0.0033	0.0042	0.0037	33	14	8.577122	-117	4	17.738219	371.5672	1.88	2.00	5.82	0.69	0.71	2.88	16.88	-38.04	-0.60	0.06	0.04	0.22	-2430480.4407	-4755390.4467	3476057.9802	33	14	8.567143	-117	4	17.684899	372.306	28.07	-24.88	-1.66	0.278	2004.5943	2017.8233	Yes	-32.854	405.160	P478
P479	CowboyCtryCS2005	-2399683.0693	-4754083.3073	3500319.8939	0.0030	0.0039	0.0035	33	29	35.945712	-116	46	58.558383	1093.8287	1.84	1.97	5.45	0.69	0.79	2.93	13.57	-34.40	0.25	0.06	0.04	0.24	-2399682.1973	-4754084.6345	3500320.0407	33	29	35.935506	-116	46	58.505067	1094.570	24.66	-21.13	-0.82	0.244	2005.4781	2017.8233	Yes	-31.528	1126.098	P479
P480	Vallecito_CS2004	-2377284.8628	-4799829.0591	3451963.0474	0.0034	0.0044	0.0039	32	58	33.587517	-116	20	54.739664	436.0257	2.15	2.20	6.02	1.22	1.49	4.58	15.70	-38.02	0.43	0.06	0.08	0.31	-2377283.9946	-4799830.3938	3451963.1996	32	58	33.577341	-116	20	54.686890	436.789	26.62	-24.85	-0.62	0.275	2004.6134	2017.8233	Yes	-32.575	469.364	P480
P481	CarrizoMtnCS2007	-2353076.3978	-4822215.6118	3437739.4680	0.0033	0.0043	0.0039	32	49	20.062624	-116	0	38.859181	610.8899	2.17	2.20	5.94	0.81	1.13	3.54	15.56	-36.33	0.57	0.06	0.10	0.31	-2353075.5311	-4822216.9497	3437739.6224	32	49	20.052372	-116	0	38.806686	611.665	26.36	-23.16	-0.47	0.261	2007.5685	2017.8233	Yes	-33.753	645.418	P481
P482	LakHenshawCS2004	-2397277.1981	-4772385.0297	3476749.9483	0.0031	0.0041	0.0036	33	14	24.647701	-116	40	17.096376	878.7054	1.83	1.99	5.65	0.88	1.02	3.49	15.40	-36.72	0.04	0.06	0.06	0.25	-2397276.3278	-4772386.3601	3476750.0975	33	14	24.637552	-116	40	17.043273	879.455	26.44	-23.51	-1.02	0.261	2004.4549	2017.8233	Yes	-31.733	911.188	P482
P483	JulianBin_CS2004	-2393867.3718	-4786841.3025	3460210.2279	0.0032	0.0041	0.0038	33	3	32.992712	-116	34	9.582999	1375.5462	2.11	2.15	5.65	0.80	1.37	3.70	16.42	-37.91	-0.17	0.04	0.10	0.27	-2393866.5026	-4786842.6353	3460210.3788	33	3	32.982600	-116	34	9.530065	1376.302	27.43	-24.74	-1.22	0.270	2004.5751	2017.8233	Yes	-31.639	1407.941	P483
P484	SkyOaksBFSCS2005	-2389556.1899	-4767501.2941	3489580.3858	0.0032	0.0041	0.0036	33	22	32.134712	-116	37	15.026688	1382.4767	1.87	1.99	5.66	0.88	1.00	3.51	13.63	-35.08	-0.02	0.06	0.04	0.25	-2389555.3189	-4767502.6232	3489580.5340	33	22	32.124487	-116	37	14.973534	1383.225	24.66	-21.83	-1.08	0.245	2005.4589	2017.8233	Yes	-31.331	1414.556	P484
P485	TubbCanyonCS2006	-2376019.6387	-4784564.4798	3473691.7976	0.0032	0.0043	0.0040	33	12	36.764509	-116	24	32.551377	372.1430	2.06	2.12	6.00	1.29	1.61	4.74	13.89	-36.45	0.47	0.08	0.08	0.29	-2376018.7691	-4784565.8117	3473691.9478	33	12	36.754258	-116	24	32.498428	372.900	24.84	-23.22	-0.58	0.254	2006.4562	2017.8233	Yes	-32.416	405.316	P485
P486	BorregoAirCS2004	-2367334.0814	-4785249.0757	3478193.6645	0.0034	0.0045	0.0041	33	15	36.690574	-116	19	20.239994	126.2595	2.16	2.24	6.20	0.92	1.21	4.70	12.61	-34.38	-3.30	0.04	0.08	0.35	-2367333.2117	-4785250.4075	3478193.8145	33	15	36.680263	-116	19	20.187060	127.017	23.53	-21.13	-4.35	0.238	2005.0918	2017.8233	Yes	-32.95	159.967	P486
P487	Cut_AcrossCS2007	-2356938.4895	-4793505.3300	3473845.4063	0.0034	0.0044	0.0040	33	12	48.714151	-116	10	59.070959	90.2384	2.16	2.25	6.06	0.85	0.98	3.70	10.80	-33.08	0.45	0.06	0.06	0.35	-2356937.6203	-4793506.6629	3473845.5570	33	12	48.703800	-116	10	59.018129	91.001	21.67	-19.83	-0.60	0.229	2007.8096	2017.8233	Yes	-33.345	124.346	P487
P488	OcotilloWeCS2007	-2348535.4234	-4798447.7921	3472668.3379	0.0034	0.0044	0.0040	33	12	3.656661	-116	4	43.724670	61.7191	2.21	2.26	6.13	0.85	0.96	3.32	8.89	-31.38	1.35	0.08	0.06	0.27	-2348534.5545	-4798449.1256	3472668.4891	33	12	3.646270	-116	4	43.671904	62.485	19.72	-18.12	0.30	0.212	2007.2014	2017.8233	Yes	-33.658	96.143	P488
P489	CalciteMinCS2007	-2348818.1427	-4792076.1587	3481623.7458	0.0032	0.0042	0.0038	33	17	46.366791	-116	6	41.798106	290.3084	2.11	2.12	5.73	1.01	1.23	3.81	6.50	-29.14	1.23	0.10	0.10	0.29	-2348817.2732	-4792077.4910	3481623.8961	33	17	46.356375	-116	6	41.745267	291.071	17.34	-15.85	0.18	0.193	2007.7384	2017.8233	Yes	-33.297	324.368	P489
P490	Toro_Peak_CS2006	-2369758.2257	-4768431.9937	3503952.3286	0.0039	0.0052	0.0045	33	31	24.464881	-116	25	33.265764	2622.4239	2.15	2.37	7.25	1.25	1.37	3.74	8.27	-29.13	0.42	0.14	0.16	0.41	-2369757.3543	-4768433.3220	3503952.4764	33	31	24.454517	-116	25	33.212638	2623.174	19.23	-15.81	-0.64	0.198	2006.7411	2017.8233	Yes	-31.183	2654.357	P490
P491	La_Quinta_CS2005	-2350823.5475	-4771863.0034	3507240.6780	0.0034	0.0045	0.0042	33	34	28.843896	-116	13	36.575916	4.2473	2.14	2.24	6.31	1.00	1.10	3.96	5.48	-26.38	0.82	0.06	0.06	0.25	-2350822.6762	-4771864.3322	3507240.8257	33	34	28.833409	-116	13	36.522839	5.001	16.37	-13.03	-0.24	0.177	2005.5356	2017.8233	Yes	-32.846	37.847	P491
P492	CrzoBadlndCS2007	-2347689.4538	-4819997.1016	3443483.5026	0.0035	0.0047	0.0042	32	53	13.374052	-115	58	10.031745	68.8377	2.22	2.31	6.42	0.80	1.09	3.31	15.05	-34.70	1.37	0.06	0.12	0.27	-2347688.5868	-4819998.4390	3443483.6566	32	53	13.363752	-115	58	9.979229	69.612	25.84	-21.51	0.33	0.246	2007.7740	2017.8233	Yes	-33.922	103.534	P492
P493	Super_Mtn_CS2007	-2333791.5574	-4822331.6687	3449851.8249	0.0034	0.0044	0.0040	32	57	16.930768	-115	49	29.616463	197.4881	2.19	2.24	6.10	0.80	1.03	3.04	12.94	-32.74	1.25	0.08	0.12	0.27	-2333790.6904	-4822333.0060	3449851.9788	32	57	16.920377	-115	49	29.563987	198.265	23.67	-19.52	0.21	0.226	2007.7384	2017.8233	Yes	-34.218	232.483	P493
P494	WestsideESCS2005	-2330983.0621	-4836495.6389	3431549.6196	0.0037	0.0049	0.0043	32	45	34.755655	-115	43	55.447385	-44.2904	2.26	2.37	6.73	1.45	2.05	4.61	16.80	-34.92	-0.46	0.18	0.25	0.49	-2330982.1963	-4836496.9787	3431549.7753	32	45	34.745309	-115	43	55.395075	-43.507	27.50	-21.74	-1.50	0.244	2005.2260	2017.8233	Yes	-34.367	-9.140	P494
P495	WestmorlndCS2005	-2314779.2314	-4825178.7882	3458093.6395	0.0034	0.0044	0.0040	33	2	41.857603	-115	37	42.221622	-84.0376	2.19	2.25	6.08	0.82	0.94	3.28	6.83	-22.16	-5.02	0.08	0.08	0.25	-2314778.3642	-4825180.1253	3458093.7932	33	2	41.847087	-115	37	42.169199	-83.258	17.49	-8.89	-6.06	0.169	2005.7740	2017.8233	Yes	-34.391	-48.867	P495
P496	McCabe_UESCS2005	-2319722.3632	-4842511.3122	3430709.8146	0.0038	0.0050	0.0044	32	45	2.251637	-115	35	45.439100	-40.0809	2.33	2.47	6.87	2.70	2.17	3.71	19.84	-36.01	3.17	0.37	0.29	0.31	-2319721.4978	-4842512.6527	3430709.9707	32	45	2.241238	-115	35	45.386871	-39.294	30.49	-22.82	2.14	0.208	2005.8589	2017.8233	Yes	-34.581	-4.713	P496
P497	ImperialApCS2005	-2315937.9665	-4838712.0151	3438545.1185	0.0035	0.0046	0.0041	32	50	5.045506	-115	34	37.318735	-51.0123	2.17	2.27	6.37	1.01	1.19	3.26	13.92	-27.80	1.10	0.12	0.12	0.25	-2315937.1007	-4838713.3548	3438545.2741	32	50	5.035061	-115	34	37.266467	-50.227	24.56	-14.58	0.07	0.180	2006.0260	2017.8233	Yes	-34.612	-15.615	P497
P498	SprecklesSCS2005	-2313650.3560	-4835550.3586	3444474.5624	0.0034	0.0045	0.0041	32	53	54.350569	-115	34	10.442663	-58.0492	2.17	2.25	6.22	1.04	1.18	4.57	11.32	-25.20	0.63	0.12	0.12	0.53	-2313649.4898	-4835551.6976	3444474.7174	32	53	54.340093	-115	34	10.390361	-57.265	21.96	-11.97	-0.41	0.161	2005.2479	2017.8233	Yes	-34.569	-22.696	P498
P499	SDSUCenterCS2005	-2304644.4295	-4834411.8017	3452021.1252	0.0035	0.0045	0.0041	32	58	46.580949	-115	29	16.488197	-74.2002	2.19	2.28	6.27	2.02	1.74	4.10	-2.49	-18.01	-4.82	0.29	0.22	0.41	-2304643.5631	-4834413.1401	3452021.2798	32	58	46.570402	-115	29	16.435892	-73.415	8.12	-4.74	-5.86	0.091	2005.3000	2017.8233	Yes	-34.424	-38.991	P499
P500	AllAmericnCS2005	-2296231.2669	-4857729.5787	3425068.2088	0.0035	0.0047	0.0042	32	41	24.166013	-115	17	59.757568	-20.5978	2.28	2.36	6.36	0.95	1.82	3.11	-0.02	-16.30	0.29	0.10	0.22	0.24	-2296230.4024	-4857730.9211	3425068.3662	32	41	24.155516	-115	17	59.705542	-19.802	10.52	-3.09	-0.74	0.103	2005.3000	2017.8233	Yes	-34.742	14.940	P500
P501	HoltvilleCCS2005	-2299739.5040	-4843695.4301	3442364.1531	0.0035	0.0047	0.0042	32	52	32.720889	-115	23	52.487604	-55.7026	2.21	2.32	6.46	0.99	1.37	3.39	-2.98	-14.42	-0.65	0.10	0.14	0.29	-2299738.6383	-4843696.7701	3442364.3088	32	52	32.710350	-115	23	52.435412	-54.913	7.60	-1.17	-1.68	0.096	2005.2452	2017.8233	Yes	-34.534	-20.379	P501
P502	MagnoliaESCS2005	-2299003.1921	-4836914.4313	3452290.2109	0.0035	0.0046	0.0042	32	58	56.822376	-115	25	18.885281	-66.0670	2.21	2.32	6.42	0.76	1.03	3.14	-4.71	-15.73	-1.47	0.08	0.10	0.24	-2299002.3257	-4836915.7700	3452290.3657	32	58	56.811800	-115	25	18.833012	-65.280	5.88	-2.46	-2.51	0.099	2005.8562	2017.8233	Yes	-34.38	-30.900	P502
P503	SuperHillsCS2007	-2325056.5622	-4826758.5718	3449209.0969	0.0036	0.0047	0.0042	32	56	56.094508	-115	43	12.662016	6.1255	2.26	2.35	6.47	0.91	1.08	3.30	11.49	-29.29	1.67	0.10	0.12	0.29	-2325055.6954	-4826759.9095	3449209.2511	32	56	56.084074	-115	43	12.609600	6.905	22.19	-16.06	0.63	0.203	2007.3904	2017.8233	Yes	-34.424	41.329	P503
P504	SOrocopiaMCS2005	-2313936.8239	-4793898.2940	3501898.2649	0.0035	0.0045	0.0040	33	30	59.075386	-115	45	57.055394	84.0101	2.15	2.20	6.18	1.11	0.93	3.56	-4.40	-19.68	0.44	0.08	0.08	0.27	-2313935.9539	-4793899.6254	3501898.4144	33	30	59.064725	-115	45	57.002609	84.777	6.32	-6.29	-0.61	0.134	2005.3219	2017.8233	Yes	-33.094	117.871	P504
P505	ImperialSpCS2006	-2309739.7384	-4802072.4558	3493258.4937	0.0034	0.0044	0.0040	33	25	25.943259	-115	41	13.203742	-57.7998	2.14	2.20	6.10	0.88	0.93	3.54	-6.00	-16.90	-0.53	0.08	0.06	0.29	-2309738.8691	-4802073.7885	3493258.6441	33	25	25.932603	-115	41	13.151055	-57.029	4.69	-3.53	-1.58	0.119	2006.2205	2017.8233	Yes	-33.447	-23.582	P505
P506	Ramer_LakeCS2005	-2303870.3368	-4827952.6787	3461483.6346	0.0033	0.0043	0.0040	33	4	53.147489	-115	30	36.717156	-83.4271	2.12	2.21	6.04	1.01	1.68	3.65	-5.13	-16.61	-3.26	0.12	0.22	0.35	-2303869.4698	-4827954.0160	3461483.7883	33	4	53.136907	-115	30	36.664777	-82.645	5.49	-3.32	-4.30	0.155	2005.2452	2017.8233	Yes	-34.276	-48.369	P506
P507	RedIslandMCS2005	-2309373.7418	-4817357.5730	3472495.0005	0.0034	0.0045	0.0041	33	11	59.911495	-115	36	44.663837	-78.5222	2.18	2.27	6.26	0.94	0.96	3.37	-10.64	-21.28	-13.05	0.10	0.08	0.29	-2309372.8739	-4817358.9085	3472495.1530	33	11	59.900904	-115	36	44.611330	-77.745	0.02	-7.97	-14.09	0.183	2005.7192	2017.8233	Yes	-34.043	-43.702	P507
P508	Angus_PropCS2005	-2292701.3057	-4822180.9243	3476979.0888	0.0034	0.0045	0.0041	33	14	52.007005	-115	25	43.343092	10.6897	2.17	2.27	6.21	0.77	0.81	3.19	-6.50	-15.57	0.20	0.08	0.06	0.27	-2292700.4379	-4822182.2600	3476979.2414	33	14	51.996315	-115	25	43.290659	11.471	4.09	-2.22	-0.84	0.122	2005.7959	2017.8233	Yes	-33.861	45.332	P508
P509	PansyLaterCS2005	-2290570.0144	-4847069.8954	3443766.5979	0.0033	0.0043	0.0039	32	53	26.384539	-115	17	38.105740	-29.6342	2.18	2.23	5.94	0.83	1.45	3.26	-5.51	-13.30	-2.08	0.08	0.18	0.27	-2290569.1489	-4847071.2357	3443766.7537	32	53	26.373949	-115	17	38.053599	-28.843	5.03	-0.04	-3.11	0.101	2006.0260	2017.8233	Yes	-34.437	5.594	P509
P510	ScheuPropsCS2005	-2288218.7267	-4831303.4851	3467302.8707	0.0035	0.0047	0.0042	33	8	36.865449	-115	20	36.000680	1.5206	2.21	2.32	6.44	0.77	0.90	3.45	-6.64	-14.91	0.39	0.06	0.06	0.29	-2288217.8596	-4831304.8223	3467303.0244	33	8	36.854768	-115	20	35.948358	2.306	3.92	-1.58	-0.65	0.113	2006.0260	2017.8233	Yes	-33.989	36.295	P510
P511	CoxcombMtnCS2005	-2264879.2359	-4792232.8265	3536194.7620	0.0033	0.0045	0.0041	33	53	12.963703	-115	17	45.967997	273.3336	2.10	2.26	6.17	0.83	1.02	3.38	-7.78	-15.28	-0.04	0.06	0.06	0.24	-2264878.3648	-4792234.1559	3536194.9098	33	53	12.952677	-115	17	45.915244	274.105	2.77	-1.74	-1.09	0.117	2005.4918	2017.8233	Yes	-32.485	306.590	P511
P512	YosWawona_CN2008	-2508197.9510	-4398329.1570	3867896.7113	0.0039	0.0048	0.0044	37	33	45.485406	-119	41	40.017211	1344.7191	2.17	2.24	6.92	1.67	1.23	4.53	-1.90	-21.73	0.26	0.33	0.20	0.90	-2508197.0500	-4398330.4301	3867896.8141	37	33	45.475015	-119	41	39.959631	1345.305	10.26	-7.77	-0.93		2008.7117	2017.8233	Yes	-27.131	1372.436	P512
P513	Point_Sal_CS2007	-2669569.2958	-4504986.3267	3629597.4630	0.0031	0.0037	0.0036	34	54	26.150473	-120	39	0.634721	284.5732	2.02	1.96	5.27	1.12	0.73	2.70	23.68	-41.49	0.05	0.16	0.06	0.25	-2669568.4071	-4504987.6230	3629597.5848	34	54	26.141420	-120	39	0.578577	285.186	36.14	-28.33	-1.10	0.315	2007.2205	2017.8233	Yes	-35.765	320.951	P513
P514	Nipomo____CS2006	-2647253.6866	-4510375.4309	3638921.5221	0.0032	0.0039	0.0038	35	0	38.577076	-120	24	35.110664	140.9180	2.07	2.03	5.66	1.44	1.23	3.17	22.14	-40.76	0.59	0.18	0.14	0.27	-2647252.7980	-4510376.7272	3638921.6440	35	0	38.567879	-120	24	35.054560	141.535	34.51	-27.54	-0.56	0.307	2006.5630	2017.8233	Yes	-35.12	176.655	P514
P515	Tepusquet_CS2006	-2638414.4849	-4526005.4424	3626260.3335	0.0032	0.0039	0.0037	34	52	13.999320	-120	14	23.476599	290.6271	2.07	2.02	5.54	0.83	0.75	3.24	20.70	-41.33	0.66	0.08	0.06	0.31	-2638413.5975	-4526006.7408	3626260.4571	34	52	13.990096	-120	14	23.420669	291.251	33.01	-28.13	-0.48	0.304	2006.3548	2017.8233	Yes	-35.15	326.401	P515
P516	JimJacksonCS2006	-2642151.2705	-4506429.5125	3647663.3114	0.0034	0.0041	0.0039	35	6	22.327657	-120	23	0.223548	262.9735	2.08	2.02	5.90	1.11	1.00	3.35	21.59	-39.47	0.37	0.14	0.12	0.31	-2642150.3814	-4506430.8079	3647663.4326	35	6	22.318415	-120	23	0.167395	263.590	33.96	-26.23	-0.78	0.298	2006.0973	2017.8233	Yes	-34.816	298.406	P516
P517	Mt_GleasonCS2008	-2489193.3237	-4646691.9036	3582087.1018	0.0031	0.0039	0.0038	34	22	34.918605	-118	10	39.271403	1959.1719	2.08	2.06	5.57	0.92	0.91	2.71	10.98	-34.62	0.81	0.12	0.12	0.33	-2489192.4437	-4646693.2154	3582087.2370	34	22	34.908657	-118	10	39.216814	1959.860	22.57	-21.28	-0.29	0.240	2008.5533	2017.8233	Yes	-31.876	1991.736	P517
P518	TrepletMtnCS2008	-2620978.1846	-4525918.4751	3640319.6329	0.0032	0.0039	0.0037	35	1	12.123765	-120	4	31.117303	1101.7881	2.06	2.02	5.51	1.24	1.37	3.48	18.93	-38.95	0.81	0.20	0.18	0.39	-2620977.2967	-4525919.7725	3640319.7561	35	1	12.114420	-120	4	31.061359	1102.414	31.19	-25.69	-0.33	0.286	2008.3128	2017.8233	Yes	-33.836	1136.250	P518
P519	PaintedCavCS2007	-2614584.1732	-4566718.2549	3593465.5326	0.0033	0.0041	0.0039	34	30	28.124832	-119	47	32.787685	810.9152	2.09	2.08	5.82	1.38	0.99	3.30	19.29	-41.35	0.87	0.16	0.12	0.29	-2614583.2888	-4566719.5589	3593465.6609	34	30	28.115543	-119	47	32.732206	811.558	31.45	-28.18	-0.26	0.301	2007.4123	2017.8233	Yes	-34.85	846.408	P519
P520	LomaPelonaCS2008	-2596903.9300	-4568330.7758	3604922.6467	0.0030	0.0037	0.0036	34	37	49.744728	-119	36	59.073339	1250.8247	2.04	1.99	5.31	1.62	1.14	3.91	16.14	-41.12	0.65	0.16	0.14	0.41	-2596903.0454	-4568332.0791	3604922.7747	34	37	49.735319	-119	36	59.017870	1251.470	28.24	-27.90	-0.48	0.290	2008.3265	2017.8233	Yes	-33.318	1284.788	P520
P521	McPherson_CS2008	-2604820.1894	-4545446.6180	3628711.0775	0.0031	0.0038	0.0037	34	53	18.846003	-119	48	55.292137	1709.0765	2.04	1.98	5.37	1.08	1.37	3.44	17.08	-38.90	0.96	0.12	0.20	0.49	-2604819.3029	-4545447.9177	3628711.2028	34	53	18.836592	-119	48	55.236409	1709.712	29.25	-25.63	-0.18	0.281	2008.3128	2017.8233	Yes	-33.205	1742.917	P521
P522	Taft_MountCS2008	-2576130.2921	-4546614.9347	3646303.5401	0.0031	0.0039	0.0037	35	5	11.802752	-119	32	9.834611	991.1006	2.06	2.03	5.49	0.74	0.86	2.94	8.45	-31.04	2.20	0.08	0.08	0.41	-2576129.4052	-4546616.2336	3646303.6646	35	5	11.793140	-119	32	9.778877	991.739	20.53	-17.69	1.06	0.210	2008.7281	2017.8233	Yes	-33.678	1025.417	P522
P523	LosOsos___CS2006	-2672969.7630	-4473242.1448	3665507.5754	0.0034	0.0041	0.0040	35	18	16.023964	-120	51	36.995475	41.3722	2.11	2.06	5.96	0.86	0.74	2.90	24.18	-40.09	0.57	0.08	0.06	0.25	-2672968.8717	-4473243.4363	3665507.6931	35	18	16.014868	-120	51	36.938969	41.972	36.71	-26.86	-0.59	0.311	2006.0836	2017.8233	Yes	-35.152	77.124	P523
P524	SquireCnynCS2007	-2656450.9414	-4493441.8560	3653016.8989	0.0033	0.0040	0.0037	35	9	57.913174	-120	35	27.240805	124.3188	1.80	1.89	5.73	0.90	0.68	2.74	22.78	-39.69	0.42	0.47	0.12	1.08	-2656450.0515	-4493443.1500	3653017.0188	35	9	57.904005	-120	35	27.184515	124.928	35.22	-26.46	-0.73		2007.0452	2009.0726	No	-35.057	159.985	P524
P525	MorroCreekCS2006	-2665004.6123	-4469142.2253	3676617.2178	0.0032	0.0038	0.0037	35	25	32.767569	-120	48	29.321878	271.3691	2.05	2.00	5.52	1.09	1.25	3.20	23.81	-39.49	0.47	0.10	0.12	0.27	-2665003.7204	-4469143.5157	3676617.3348	35	25	32.758410	-120	48	29.265316	271.968	36.33	-26.22	-0.69	0.304	2006.8151	2017.8233	Yes	-34.573	306.541	P525
P526	RamageRnchCS2004	-2662913.7458	-4454741.9841	3695682.7243	0.0035	0.0043	0.0040	35	38	9.513387	-120	52	11.066849	416.8355	2.15	2.05	6.13	1.19	1.81	4.13	22.80	-37.64	-0.68	0.12	0.22	0.39	-2662912.8527	-4454743.2720	3695682.8392	35	38	9.504186	-120	52	11.010118	417.429	35.34	-24.33	-1.84	0.290	2004.0314	2017.8233	Yes	-34.055	451.484	P526
P527	RanchitaCnCS2006	-2638359.4672	-4460376.8571	3706291.2716	0.0034	0.0041	0.0039	35	45	14.922754	-120	36	17.127836	347.9323	2.10	2.05	5.90	0.96	1.45	2.99	20.01	-37.91	-1.25	0.12	0.22	0.27	-2638358.5740	-4460378.1449	3706291.3866	35	45	14.913391	-120	36	17.071143	348.530	32.46	-24.53	-2.41	0.283	2006.6616	2017.8233	Yes	-33.997	382.527	P527
P528	RinconadaRCS2006	-2647723.9832	-4486800.4287	3667810.9789	0.0032	0.0040	0.0039	35	19	40.124687	-120	32	43.627069	367.3588	2.11	2.00	5.70	0.79	0.84	3.26	21.94	-38.57	0.84	0.06	0.06	0.29	-2647723.0926	-4486801.7211	3667811.0977	35	19	40.115443	-120	32	43.570694	367.966	34.37	-25.29	-0.31	0.292	2006.7192	2017.8233	Yes	-34.236	402.202	P528
P529	ShellCreekCS2006	-2629075.2006	-4489434.6574	3678040.9302	0.0032	0.0039	0.0038	35	26	25.629335	-120	21	13.793212	437.3360	2.08	2.04	5.63	1.19	0.85	3.12	19.64	-37.08	1.15	0.14	0.08	0.27	-2629074.3098	-4489435.9494	3678041.0487	35	26	25.619965	-120	21	13.736849	437.946	32.00	-23.75	0.00	0.277	2006.4726	2017.8233	Yes	-33.879	471.825	P529
P530	HillmRanchCS2005	-2632938.8071	-4473335.0414	3694658.4092	0.0034	0.0041	0.0039	35	37	29.287754	-120	28	49.573482	388.3612	2.12	2.09	5.88	1.35	0.79	2.88	20.58	-36.76	-0.32	0.18	0.08	0.25	-2632937.9149	-4473336.3310	3694658.5257	35	37	29.278378	-120	28	49.516935	388.965	32.99	-23.40	-1.48	0.278	2005.5164	2017.8233	Yes	-34.069	423.034	P530
P531	Hog_CanyonCS2007	-2631819.5247	-4461422.9484	3709815.3635	0.0033	0.0041	0.0039	35	47	33.688755	-120	32	11.772497	440.1298	2.09	2.05	5.83	0.80	0.91	3.11	20.34	-36.31	0.78	0.10	0.12	0.33	-2631818.6315	-4461424.2361	3709815.4784	35	47	33.679348	-120	32	11.715809	440.729	32.77	-22.91	-0.38	0.274	2007.0452	2017.8123	Yes	-33.789	474.518	P531
P532	WicksRanchCS2004	-2616024.7363	-4482709.4849	3695555.4408	0.0032	0.0039	0.0038	35	38	1.724770	-120	16	1.307245	533.2536	2.06	2.04	5.66	0.71	0.78	2.89	14.98	-33.49	1.52	0.06	0.04	0.24	-2616023.8446	-4482710.7753	3695555.5581	35	38	1.715295	-120	16	1.250792	533.863	27.31	-20.10	0.36	0.248	2004.7664	2017.8233	Yes	-33.777	567.640	P532
P533	SpringRancCS2006	-2620444.9693	-4471632.1102	3705880.8103	0.0032	0.0039	0.0038	35	44	52.551726	-120	22	15.443484	603.2027	2.04	2.02	5.62	1.11	0.78	2.70	17.20	-33.94	1.21	0.16	0.08	0.24	-2620444.0767	-4471633.3990	3705880.9263	35	44	52.542260	-120	22	15.386905	603.807	29.57	-20.53	0.05	0.250	2006.3521	2017.8233	Yes	-33.692	637.499	P533
P534	CookePeak_CN2007	-2718401.7576	-4310470.4957	3822941.1967	0.0033	0.0039	0.0038	37	3	40.437745	-122	14	15.411174	204.2548	1.98	2.13	5.59	0.67	0.77	2.75	23.17	-39.09	-0.45	0.08	0.06	0.25	-2718400.8533	-4310471.7640	3822941.2942	37	3	40.428729	-122	14	15.352831	204.785	36.19	-25.62	-1.66	0.299	2007.5438	2017.8233	Yes	-33.568	238.353	P534
P535	BuckhornRaCS2006	-2615935.9155	-4512467.5951	3659534.1265	0.0037	0.0045	0.0042	35	14	6.462044	-120	6	5.129972	571.5697	2.16	2.18	6.44	0.91	1.16	4.08	17.74	-37.21	1.19	0.06	0.08	0.35	-2615935.0264	-4512468.8903	3659534.2477	35	14	6.452632	-120	6	5.073867	572.191	30.01	-23.90	0.04	0.272	2006.7192	2017.8233	Yes	-33.747	605.938	P535
P536	CarrizoRanCS2006	-2608524.0552	-4513542.6369	3663632.8221	0.0034	0.0042	0.0040	35	16	47.167104	-120	1	30.084417	665.3761	2.15	2.12	6.07	0.80	0.83	2.94	16.09	-35.85	1.52	0.06	0.04	0.24	-2608523.1660	-4513543.9319	3663632.9432	35	16	47.157642	-120	1	30.028318	665.998	28.34	-22.51	0.37	0.260	2006.3411	2017.8233	Yes	-33.769	699.767	P536
P537	CaliValleyCS2006	-2600237.5061	-4515503.5656	3666937.7361	0.0033	0.0041	0.0039	35	19	0.468418	-119	56	7.237494	581.8188	2.08	2.06	5.83	0.65	0.74	2.86	13.64	-33.61	1.84	0.04	0.06	0.24	-2600236.6169	-4515504.8606	3666937.8572	35	19	0.458902	-119	56	7.181411	582.443	25.86	-20.25	0.69	0.246	2006.3356	2017.8233	Yes	-33.865	616.308	P537
P538	BitterWatrCS2006	-2607197.0287	-4495389.7443	3686626.8023	0.0031	0.0039	0.0037	35	32	3.027293	-120	6	45.009445	641.1886	2.03	2.01	5.53	0.89	0.92	2.85	12.68	-32.85	2.47	0.12	0.10	0.25	-2607196.1380	-4495391.0363	3686626.9210	35	32	3.017782	-120	6	44.953132	641.803	24.96	-19.46	1.32	0.233	2006.3411	2017.8233	Yes	-33.861	675.664	P538
P539	VogelRanchCS2004	-2607161.1893	-4482780.6641	3701802.6668	0.0031	0.0038	0.0037	35	42	9.626635	-120	10	55.390918	601.1049	2.03	2.00	5.47	0.69	0.90	2.86	8.84	-28.00	2.00	0.04	0.06	0.22	-2607160.2974	-4482781.9541	3701802.7838	35	42	9.617097	-120	10	55.334457	601.715	21.15	-14.58	0.84	0.194	2004.7500	2017.8233	Yes	-33.675	635.390	P539
P540	AvenalRidgCS2006	-2599843.9337	-4479443.6776	3710561.1343	0.0033	0.0041	0.0039	35	48	4.606263	-120	7	50.298880	393.6678	2.08	2.09	5.83	0.80	0.96	3.02	4.81	-24.10	1.25	0.06	0.10	0.24	-2599843.0414	-4479444.9668	3710561.2506	35	48	4.596667	-120	7	50.242372	394.277	17.10	-10.64	0.09	0.164	2006.1000	2017.8233	Yes	-33.859	428.136	P540
P541	BlkwllFarmCS2005	-2593314.6371	-4491629.4857	3700137.3655	0.0032	0.0040	0.0038	35	41	12.234455	-120	0	2.450307	209.2029	2.05	2.04	5.69	0.62	0.81	3.00	4.81	-24.95	2.01	0.04	0.06	0.24	-2593313.7458	-4491630.7767	3700137.4832	35	41	12.224837	-120	0	2.393937	209.818	17.05	-11.51	0.86	0.171	2005.5137	2017.8233	Yes	-34.313	244.131	P541
P542	BruceSprinCS2008	-2616249.7740	-4478502.1256	3700554.7119	0.0032	0.0039	0.0038	35	41	20.079331	-120	17	33.370421	587.9637	2.08	2.04	5.64	0.70	0.75	2.69	15.52	-33.23	1.66	0.08	0.08	0.27	-2616248.8820	-4478503.4153	3700554.8286	35	41	20.069849	-120	17	33.313918	588.571	27.86	-19.82	0.50	0.243	2008.1270	2017.8233	Yes	-33.745	622.316	P542
P543	Reward____CS2006	-2582627.5621	-4525400.9143	3667114.7165	0.0036	0.0045	0.0041	35	19	8.373759	-119	42	47.605838	544.0596	2.17	2.14	6.34	1.11	1.26	3.87	7.48	-27.87	1.99	0.10	0.10	0.33	-2582626.6734	-4525402.2101	3667114.8384	35	19	8.364141	-119	42	47.549858	544.689	19.62	-14.48	0.85	0.190	2006.4671	2017.8233	Yes	-34.226	578.915	P543
P544	TwisselmanCS2005	-2571196.4364	-4500841.8312	3704047.3476	0.0034	0.0041	0.0039	35	43	52.563928	-119	44	16.932497	33.6028	2.12	2.10	5.92	0.77	1.37	3.41	0.99	-22.35	-4.72	0.10	0.18	0.37	-2571195.5454	-4500843.1227	3704047.4660	35	43	52.554173	-119	44	16.876217	34.224	13.14	-8.86	-5.87	0.155	2005.9548	2017.8233	Yes	-34.852	69.076	P544
P545	LerdoOvrpsCS2007	-2562672.7872	-4522910.7976	3683183.1466	0.0035	0.0043	0.0041	35	29	59.431406	-119	32	8.914758	50.6877	2.17	2.16	6.18	0.81	1.65	5.94	1.57	-23.63	-7.10	0.12	0.27	0.94	-2562671.8979	-4522912.0924	3683183.2676	35	29	59.421641	-119	32	8.858734	51.318	13.65	-10.17	-8.24	0.165	2007.8288	2017.8233	Yes	-34.771	86.089	P545
P546	FlattopPk_CS2006	-2597702.5039	-4471394.2895	3722089.6186	0.0033	0.0041	0.0039	35	55	40.454428	-120	9	17.591539	635.2661	2.12	2.10	5.87	0.78	0.89	2.80	3.61	-21.90	2.26	0.06	0.08	0.24	-2597701.6109	-4471395.5774	3722089.7338	35	55	40.444801	-120	9	17.534935	635.872	15.91	-8.41	1.10	0.151	2006.0890	2017.8233	Yes	-33.896	669.768	P546
P547	UticaCaltnCS2005	-2578059.1732	-4481687.4009	3722354.6976	0.0034	0.0042	0.0040	35	56	4.932932	-119	54	33.706360	45.8789	2.13	2.13	6.07	0.87	0.86	2.87	2.24	-21.56	0.94	0.10	0.08	0.25	-2578058.2806	-4481688.6897	3722354.8136	35	56	4.923186	-119	54	33.649859	46.491	14.45	-8.04	-0.22	0.147	2005.9521	2017.8233	Yes	-34.478	80.969	P547
P548	Noon_Peak_CS2008	-2592957.1423	-4582299.4622	3589899.0573	0.0031	0.0038	0.0037	34	28	0.506277	-119	30	14.213235	1134.8410	2.07	2.01	5.39	1.23	0.83	2.99	16.10	-40.87	0.30	0.16	0.10	0.35	-2592956.2588	-4582300.7677	3589899.1870	34	28	0.496877	-119	30	14.157925	1135.493	28.16	-27.68	-0.82	0.289	2008.3183	2017.8233	Yes	-34.32	1169.813	P548
P549	sespecreekCS2006	-2574696.2152	-4583116.0545	3602102.1881	0.0033	0.0040	0.0038	34	35	58.562813	-119	19	34.832878	1250.2914	2.11	2.06	5.73	2.31	1.17	4.65	13.15	-39.35	1.63	0.22	0.08	0.39	-2574695.3314	-4583117.3593	3602102.3174	34	35	58.553286	-119	19	34.777568	1250.945	25.15	-26.10	0.51	0.274	2006.7137	2017.8233	Yes	-32.647	1283.592	P549
P550	GradeVallyCS2007	-2555997.9807	-4589465.2058	3607781.0878	0.0033	0.0040	0.0038	34	39	36.301735	-119	6	52.643069	1526.1317	2.08	2.05	5.71	1.05	1.04	3.22	11.01	-36.74	1.81	0.08	0.08	0.29	-2555997.0971	-4589466.5108	3607781.2175	34	39	36.292093	-119	6	52.587825	1526.790	22.93	-23.44	0.69	0.253	2007.4452	2017.8233	Yes	-31.793	1558.583	P550
P551	PineMountnCS2006	-2553163.0224	-4576864.4863	3625673.4259	0.0045	0.0061	0.0050	34	51	22.317627	-119	9	16.463532	1550.3106	1.96	2.01	8.63	1.90	1.26	5.90	9.18	-32.57	1.13	0.18	0.08	0.51	-2553162.1375	-4576865.7891	3625673.5538	34	51	22.307931	-119	9	16.408141	1550.964	21.12	-19.23	0.00	0.224	2006.3356	2017.8233	Yes	-31.255	1582.219	P551
P552	Long_Lake_CS2008	-2612593.8178	-4480793.6540	3700354.1447	0.0032	0.0039	0.0038	35	41	12.214352	-120	14	41.868650	581.6745	2.05	2.02	5.56	0.81	0.78	2.87	14.17	-32.19	1.85	0.10	0.08	0.31	-2612592.9259	-4480794.9439	3700354.2616	35	41	12.204848	-120	14	41.812171	582.283	26.50	-18.78	0.69	0.234	2008.1243	2017.8233	Yes	-33.684	615.967	P552
P553	Grapevine_CS2005	-2531679.2963	-4590110.1889	3623628.9419	0.0032	0.0040	0.0038	34	50	6.340075	-118	52	44.294453	1335.8536	2.10	2.12	5.68	1.13	0.90	3.17	7.20	-30.32	2.06	0.08	0.06	0.24	-2531678.4123	-4590111.4931	3623629.0709	34	50	6.330261	-118	52	44.239208	1336.514	19.04	-16.95	0.94	0.207	2005.6918	2017.8233	Yes	-31.468	1367.982	P553
P554	GormanCrk_CS2006	-2530442.7204	-4593732.0996	3619635.5707	0.0036	0.0046	0.0042	34	47	32.270470	-118	50	52.912572	1170.1420	2.20	2.22	6.52	2.01	1.17	4.42	7.54	-32.59	0.89	0.18	0.10	0.39	-2530441.8366	-4593733.4044	3619635.7001	34	47	32.260658	-118	50	52.857369	1170.804	19.37	-19.23	-0.23	0.221	2006.6644	2017.8233	Yes	-31.579	1202.383	P554
P555	CastaicCrkCS2008	-2519033.3688	-4606943.0692	3610721.5607	0.0033	0.0040	0.0037	34	41	41.967705	-118	40	9.933003	1095.9841	2.07	2.06	5.63	1.83	1.24	5.16	9.99	-31.47	0.53	0.18	0.12	0.55	-2519032.4860	-4606944.3757	3610721.6915	34	41	41.957849	-118	40	9.877951	1096.653	21.76	-18.11	-0.59	0.216	2008.2910	2017.8233	Yes	-32.131	1128.784	P555
P556	BarnardProCS2005	-2506664.5733	-4607980.0677	3617523.5350	0.0035	0.0043	0.0040	34	46	15.992256	-118	32	43.641368	852.6158	2.17	2.21	6.13	1.81	1.43	4.09	7.99	-28.09	-1.18	0.20	0.16	0.37	-2506663.6904	-4607981.3739	3617523.6656	34	46	15.982315	-118	32	43.586325	853.286	19.72	-14.69	-2.30	0.198	2005.8452	2017.8233	Yes	-32.156	885.442	P556
P557	EaglePerchCS2005	-2510627.6203	-4594205.5404	3633852.5286	0.0033	0.0043	0.0039	34	56	39.786351	-118	39	20.121503	1818.2154	2.12	2.14	5.97	1.05	1.31	2.98	4.25	-25.76	1.50	0.10	0.16	0.25	-2510626.7362	-4594206.8443	3633852.6575	34	56	39.776399	-118	39	20.066301	1818.880	16.02	-12.33	0.38	0.175	2005.6918	2017.8233	Yes	-31.229	1850.109	P557
P558	RavensRidgCS2006	-2501018.8017	-4584973.2189	3651264.8202	0.0032	0.0039	0.0038	35	8	18.979736	-118	36	41.965075	1411.4506	2.08	2.09	5.56	1.01	0.91	3.00	2.16	-24.12	1.30	0.10	0.08	0.25	-2501017.9165	-4584974.5210	3651264.9476	35	8	18.969689	-118	36	41.909761	1412.112	13.91	-10.63	0.17	0.162	2006.5438	2017.8233	Yes	-30.987	1443.099	P558
P559	Antelope__CS2005	-2510437.7166	-4601104.9478	3623743.2798	0.0036	0.0045	0.0040	34	50	20.076180	-118	37	3.362044	927.7028	2.01	2.11	6.36	1.62	1.46	3.89	6.08	-26.42	0.59	0.20	0.14	0.39	-2510436.8331	-4601106.2530	3623743.4096	34	50	20.066246	-118	37	3.306921	928.370	17.83	-13.01	-0.53	0.182	2005.8452	2013.1986	No	-31.935	960.305	P559
P560	StokesPropCS2005	-2504756.2440	-4605350.2463	3622134.9322	0.0037	0.0047	0.0043	34	49	18.520416	-118	32	27.129174	838.2917	2.23	2.32	6.62	1.33	1.19	3.88	6.07	-26.27	0.66	0.10	0.08	0.29	-2504755.3608	-4605351.5520	3622135.0624	34	49	18.510454	-118	32	27.074099	838.961	17.79	-12.86	-0.46	0.174	2005.2068	2017.8233	Yes	-32.093	871.054	P560
P561	GreenValleCS2005	-2499515.1172	-4622938.1680	3603667.6986	0.0071	0.0081	0.0068	34	37	6.455457	-118	23	56.608795	974.4191	2.17	3.24	12.09	2.02	2.73	9.13	9.43	-30.77	1.40	0.22	0.27	0.92	-2499514.2354	-4622939.4765	3603667.8310	34	37	6.445509	-118	23	56.553926	975.097	21.10	-17.40	0.29	0.214	2005.4370	2017.6589	Yes	-32.12	1007.217	P561
P562	SoledadMtnCS2004	-2471754.0562	-4611976.6787	3636954.5787	0.0033	0.0042	0.0040	34	58	55.679640	-118	11	19.487782	1241.0603	2.16	2.17	5.94	0.88	1.00	3.29	4.01	-22.06	-0.27	0.06	0.08	0.25	-2471753.1728	-4611977.9841	3636954.7088	34	58	55.669460	-118	11	19.432782	1241.736	15.61	-8.56	-1.39	0.150	2004.6325	2017.8233	Yes	-31.749	1273.485	P562
P563	ButtonwillCS2005	-2556186.7240	-4532584.3500	3675850.8180	0.0033	0.0042	0.0040	35	25	7.209279	-119	25	16.204643	56.5646	2.08	2.09	6.00	1.38	1.55	4.91	1.00	-22.88	-7.02	0.20	0.22	0.63	-2556185.8355	-4532585.6460	3675850.9401	35	25	7.199490	-119	25	16.148729	57.200	13.04	-9.43	-8.16	0.159	2005.9575	2017.8233	Yes	-34.507	91.707	P563
P564	Posocreek_CS2006	-2544055.2347	-4524309.8906	3694297.0465	0.0034	0.0043	0.0040	35	37	22.480963	-119	20	57.811984	60.7329	2.12	2.13	6.10	3.31	3.39	35.12	2.97	-21.82	-33.76	0.53	0.55	5.61	-2544054.3452	-4524311.1848	3694297.1672	35	37	22.471068	-119	20	57.755965	61.366	14.98	-8.31	-34.90	0.284	2006.8370	2017.8233	Yes	-33.896	95.262	P564
P565	Delano_AirCS2005	-2531324.6444	-4522475.8487	3705201.5140	0.0037	0.0046	0.0043	35	44	38.016627	-119	14	11.958226	62.8169	2.19	2.24	6.60	2.80	3.17	45.80	-0.33	-24.28	-28.99	0.41	0.47	6.84	-2531323.7545	-4522477.1422	3705201.6340	35	44	38.006637	-119	14	11.902177	63.450	11.65	-10.72	-30.14	0.284	2005.8781	2017.8233	Yes	-33.271	96.721	P565
P566	Visalia_MYCS2005	-2512244.5245	-4489741.4107	3757304.1719	0.0036	0.0044	0.0042	36	19	28.035547	-119	13	45.441121	78.0861	2.16	2.20	6.37	0.67	0.71	2.92	-1.68	-23.14	-11.63	0.08	0.06	0.27	-2512243.6313	-4489742.6982	3757304.2870	36	19	28.025348	-119	13	45.384667	78.708	10.30	-9.43	-12.79	0.174	2005.8753	2017.8233	Yes	-31.499	110.207	P566

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mr	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
P567	RioBravo__CS2005	-2503386.7137	-4562395.5865	3676433.2964	0.0032	0.0039	0.0038	35	25	15.406835	-118	45	12.884439	706.3347	2.05	2.06	5.60	0.65	0.67	2.96	0.27	-23.35	2.72	0.06	0.06	0.29	-2503385.8266	-4562396.8851	3676433.4209	35	25	15.396745	-118	45	12.828856	706.987	12.08	-9.81	1.59	0.158	2005.5521	2017.8233	Yes	-31.849	738.836	P567
P568	AntimonyFlCS2007	-2458576.0291	-4599379.7625	3661693.1895	0.0033	0.0042	0.0039	35	15	15.505500	-118	7	35.452741	1301.2128	2.13	2.15	5.90	0.94	1.63	3.65	1.28	-21.67	-0.11	0.08	0.18	0.29	-2458575.1444	-4599381.0654	3661693.3175	35	15	15.495189	-118	7	35.397591	1301.885	12.86	-8.09	-1.23	0.145	2007.2753	2017.8233	Yes	-30.716	1332.601	P568
P569	ButterbredCS2007	-2454606.4663	-4592483.0095	3672875.7236	0.0034	0.0043	0.0040	35	22	40.686514	-118	7	25.568897	1275.7319	2.15	2.18	6.06	0.93	1.62	3.94	0.65	-21.67	0.19	0.06	0.08	0.29	-2454605.5809	-4592484.3111	3672875.8506	35	22	40.676155	-118	7	25.513664	1276.401	12.23	-8.06	-0.93	0.145	2007.2836	2017.8233	Yes	-30.234	1306.635	P569
P570	kelsocreekCS2006	-2456509.0666	-4569864.8210	3698741.0918	0.0033	0.0042	0.0040	35	40	2.452829	-118	15	36.145735	810.8823	2.12	2.16	5.92	0.99	1.18	3.51	-0.30	-21.43	0.89	0.10	0.08	0.24	-2456508.1793	-4569866.1191	3698741.2159	35	40	2.442420	-118	15	36.090229	811.542	11.33	-7.76	-0.24	0.144	2006.5849	2017.8233	Yes	-29.59	841.132	P570
P571	SpringvillCS2005	-2479181.5468	-4515826.1916	3749471.0448	0.0032	0.0039	0.0038	36	13	52.915889	-118	46	0.183089	914.2012	2.05	2.03	5.66	0.68	0.89	3.31	-0.93	-21.33	1.78	0.06	0.10	0.29	-2479180.6552	-4515827.4819	3749471.1624	36	13	52.905511	-118	46	0.126936	914.837	10.89	-7.58	0.63	0.143	2005.5521	2017.8233	Yes	-29.245	944.082	P571
P572	ShadequartCS2006	-2482780.8015	-4487437.5531	3781254.3656	0.0031	0.0038	0.0037	36	35	7.856572	-118	57	16.552865	1167.3260	2.06	2.03	5.48	0.62	0.71	3.02	-1.13	-21.34	1.69	0.06	0.06	0.31	-2482779.9076	-4487438.8389	3781254.4795	36	35	7.846158	-118	57	16.496368	1167.950	10.76	-7.52	0.53	0.142	2006.5466	2017.8233	Yes	-28.713	1196.663	P572
P573	Blackrock_CS2008	-2444058.8286	-4546615.9976	3737981.8681	0.0031	0.0038	0.0037	36	5	35.138944	-118	15	37.801944	2441.3794	2.04	2.07	5.37	0.79	1.09	3.13	-1.28	-21.10	0.81	0.10	0.14	0.39	-2444057.9390	-4546617.2912	3737981.9887	36	5	35.128388	-118	15	37.746158	2442.031	10.36	-7.32	-0.33	0.141	2008.7309	2017.8233	Yes	-26.88	2468.911	P573
P574	Mt_HarwoodCS2008	-2447939.9854	-4675739.5203	3574392.4697	0.0030	0.0038	0.0036	34	17	12.371453	-117	38	1.997416	2873.7702	1.97	1.98	5.38	1.53	2.35	3.93	8.34	-31.78	0.95	0.27	0.39	0.65	-2447939.1072	-4675740.8352	3574392.6075	34	17	12.361305	-117	38	1.943173	2874.474	19.74	-18.40	-0.14	0.215	2008.4303	2017.8233	Yes	-31.104	2905.578	P574
P575	Cucamonga_CS2008	-2442148.0414	-4682905.5796	3567324.3996	0.0030	0.0037	0.0036	34	12	55.846770	-117	32	31.790056	1928.4011	2.01	2.01	5.22	2.44	1.74	3.55	10.14	-32.99	-0.04	0.43	0.25	0.39	-2442147.1637	-4682906.8958	3567324.5382	34	12	55.836605	-117	32	31.735895	1929.109	21.51	-19.62	-1.13	0.229	2008.6380	2017.8233	Yes	-31.73	1960.839	P575
P576	GallegosRnCS2004	-2669545.2869	-4448142.7799	3698666.1414	0.0042	0.0052	0.0045	35	40	10.787651	-120	58	12.012621	324.4083	2.06	2.07	7.51	1.95	2.48	4.56	23.43	-39.10	0.63	0.22	0.29	0.37	-2669544.3933	-4448144.0672	3698666.2557	35	40	10.778484	-120	58	11.955820	324.998	36.01	-25.79	-0.54	0.298	2004.0396	2017.8233	Yes	-34.085	359.083	P576
P577	CdrSpgDam_CS2004	-2420976.7897	-4686759.4306	3574971.3853	0.0031	0.0040	0.0038	34	18	16.579204	-117	19	8.097976	999.5407	2.06	2.10	5.61	1.71	1.05	4.33	5.27	-26.76	1.18	0.16	0.08	0.35	-2420975.9121	-4686760.7469	3574971.5238	34	18	16.568899	-117	19	8.043865	1000.252	16.56	-13.34	0.09	0.181	2004.9577	2017.8233	Yes	-31.729	1031.981	P577
P578	DavisBenchCS2008	-2611863.5375	-4480606.8169	3701013.0768	0.0033	0.0041	0.0039	35	41	39.593874	-120	14	20.520907	536.2800	2.09	2.05	5.92	0.81	0.74	3.07	12.21	-30.49	2.09	0.10	0.06	0.35	-2611862.6455	-4480608.1068	3701013.1936	35	41	39.584365	-120	14	20.464425	536.889	24.53	-17.08	0.93	0.218	2008.1243	2017.8233	Yes	-33.674	570.563	P578
P579	FremontValCS2006	-2455163.4394	-4616369.8508	3641867.6527	0.0032	0.0041	0.0038	35	2	19.544852	-118	0	20.761255	834.2059	2.01	2.06	5.69	0.78	0.87	3.16	3.40	-21.01	-0.40	0.06	0.06	0.27	-2455162.5562	-4616371.1565	3641867.7829	35	2	19.534566	-118	0	20.706306	834.885	14.94	-7.48	-1.52	0.142	2006.4507	2017.8233	Yes	-31.737	866.622	P579
P580	Straw_PeakCS2007	-2372609.8161	-4618139.9265	3695056.9400	0.0031	0.0039	0.0037	35	37	15.409573	-117	11	32.024969	1669.6298	2.00	2.04	5.48	1.11	0.98	2.65	-3.24	-18.30	-0.38	0.16	0.08	0.25	-2372608.9314	-4618141.2293	3695057.0680	35	37	15.398695	-117	11	31.970053	1670.318	8.02	-4.51	-1.50	0.124	2007.0890	2017.8233	Yes	-30.277	1700.595	P580
P581	WoodsPropyCS2005	-2448465.3366	-4657908.6319	3593733.3927	0.0032	0.0041	0.0038	34	30	35.061103	-117	43	44.414476	972.7913	2.05	2.09	5.75	0.89	0.74	3.11	6.25	-26.40	0.72	0.08	0.04	0.24	-2448464.4569	-4657909.9443	3593733.5282	34	30	35.050899	-117	43	44.360019	973.488	17.68	-12.97	-0.38	0.182	2005.9548	2017.8233	Yes	-31.753	1005.241	P581
P582	El_Mirage_CS2008	-2430135.2064	-4658542.1527	3605038.2773	0.0031	0.0039	0.0037	34	38	3.331400	-117	32	55.903284	848.0214	2.06	2.07	5.50	0.78	0.81	3.01	3.75	-23.49	0.04	0.10	0.08	0.27	-2430134.3264	-4658543.4646	3605038.4124	34	38	3.321065	-117	32	55.848838	848.720	15.12	-10.01	-1.06	0.162	2008.2363	2017.8233	Yes	-31.871	880.591	P582
P583	KramerJnctCS2005	-2419314.6797	-4638878.7254	3637104.7618	0.0031	0.0039	0.0037	34	59	13.213617	-117	32	36.221289	730.7492	2.01	2.01	5.45	0.89	0.73	2.61	2.12	-20.40	-0.56	0.10	0.06	0.20	-2419313.7978	-4638880.0335	3637104.8939	34	59	13.203141	-117	32	36.166610	731.441	13.49	-6.82	-1.67	0.138	2005.8397	2017.8233	Yes	-31.645	763.086	P583
P584	PotreroCrkCS2004	-2402400.6332	-4724830.4742	3536976.2998	0.0032	0.0040	0.0038	33	53	33.372201	-116	57	5.917610	738.7468	2.11	2.15	5.64	0.72	0.77	3.06	9.83	-28.49	1.71	0.06	0.04	0.24	-2402399.7586	-4724831.7964	3536976.4428	33	53	33.361901	-116	57	5.863952	739.476	20.98	-15.14	0.63	0.198	2004.3866	2017.8233	Yes	-32.044	771.520	P584
P585	BigMorongoCS2007	-2365440.3951	-4734868.0087	3548761.6347	0.0029	0.0038	0.0034	34	1	9.652569	-116	32	44.694542	958.1472	1.80	1.93	5.23	1.08	1.03	3.70	4.52	-22.59	2.49	0.10	0.08	0.33	-2365439.5207	-4734869.3312	3548761.7779	34	1	9.642040	-116	32	44.641023	958.884	15.53	-9.15	1.42	0.152	2007.1959	2017.8233	Yes	-31.602	990.486	P585
P586	LewisCentrCS2005	-2411145.8740	-4675408.4614	3595935.5875	0.0032	0.0044	0.0039	34	32	5.436866	-117	16	49.883413	809.3938	2.03	2.12	6.06	0.77	0.79	3.18	3.91	-24.04	0.96	0.06	0.04	0.24	-2411144.9951	-4675409.7754	3595935.7242	34	32	5.426451	-117	16	49.829170	810.102	15.18	-10.55	-0.13	0.159	2005.4315	2017.8233	Yes	-31.756	841.858	P586
P587	ChileoFlatCS2008	-2478485.1666	-4655207.9173	3577842.1256	0.0031	0.0040	0.0037	34	19	56.041963	-118	1	52.825343	1600.7656	1.95	2.00	5.59	1.23	1.08	3.35	11.08	-34.73	1.02	0.16	0.12	0.35	-2478484.2872	-4655209.2303	3577842.2616	34	19	56.031966	-118	1	52.770852	1601.458	22.62	-21.39	-0.08	0.242	2008.2418	2017.8233	Yes	-31.685	1633.143	P587
P588	DeVriesRchCS2005	-2402809.7920	-4661824.6818	3618747.8209	0.0035	0.0045	0.0042	34	47	7.574811	-117	16	3.365533	709.7722	2.20	2.23	6.31	0.68	0.78	2.93	2.57	-21.78	-0.23	0.04	0.04	0.22	-2402808.9118	-4661825.9932	3618747.9555	34	47	7.564290	-117	16	3.311132	710.475	13.84	-8.22	-1.33	0.144	2005.0699	2017.8233	Yes	-31.762	742.237	P588
P589	BlackMtQryCS2005	-2394900.4199	-4677993.6501	3603967.8808	0.0032	0.0041	0.0038	34	37	14.401535	-117	6	36.690641	1148.0516	2.09	2.10	5.65	1.11	0.99	3.16	2.07	-22.46	0.51	0.12	0.08	0.25	-2394899.5409	-4677994.9639	3603968.0174	34	37	14.391011	-117	6	36.636436	1148.762	13.29	-8.93	-0.58	0.143	2005.0370	2017.8233	Yes	-31.31	1180.072	P589
P590	McdnldWellCS2008	-2401018.6165	-4639017.2360	3648862.1137	0.0031	0.0041	0.0038	35	7	0.397270	-117	21	53.108093	678.5174	1.99	2.04	5.78	0.91	0.83	2.82	0.51	-19.29	-0.67	0.12	0.10	0.25	-2401017.7342	-4639018.5435	3648862.2453	35	7	0.386662	-117	21	53.053420	679.211	11.82	-5.66	-1.78	0.129	2008.1161	2017.8233	Yes	-31.354	710.565	P590
P591	CalCityAptCS2005	-2452572.1788	-4609419.1156	3652114.2088	0.0031	0.0039	0.0037	35	9	8.729201	-118	0	59.316355	708.8212	1.94	2.01	5.50	0.93	1.08	3.77	2.67	-20.59	-0.56	0.08	0.06	0.29	-2452571.2949	-4609420.4201	3652114.3380	35	9	8.718875	-118	0	59.261322	709.498	14.21	-7.03	-1.68	0.139	2005.4863	2017.8233	Yes	-31.556	741.054	P591
P592	GrassVallyCS2007	-2392604.4238	-4634944.7913	3660119.9953	0.0031	0.0039	0.0037	35	14	18.785074	-117	18	11.632252	1049.3201	2.06	2.06	5.45	0.67	0.81	2.71	0.42	-18.82	-0.11	0.04	0.06	0.24	-2392603.5410	-4634946.0977	3660120.1261	35	14	18.774392	-117	18	11.577533	1050.013	11.71	-5.14	-1.22	0.124	2007.3521	2017.8233	Yes	-30.954	1080.967	P592
P593	Pyramid_PtCS2007	-2380402.4539	-4630755.9993	3673829.4486	0.0029	0.0037	0.0036	35	23	16.330547	-117	12	18.220857	1375.7705	2.01	2.01	5.18	0.80	1.05	2.79	-0.94	-18.10	0.12	0.06	0.08	0.22	-2380401.5704	-4630757.3046	3673829.5785	35	23	16.319764	-117	12	18.166092	1376.463	10.32	-4.37	-0.99	0.119	2007.0836	2017.8233	Yes	-30.605	1407.068	P593
P594	CrowCanyonCS2005	-2380046.3851	-4593510.5518	3719463.2736	0.0034	0.0044	0.0040	35	53	48.158855	-117	23	24.485387	937.3987	2.05	2.11	6.22	1.21	1.48	3.89	-3.82	-18.70	-0.47	0.12	0.12	0.25	-2380045.4984	-4593511.8511	3719463.3985	35	53	48.147958	-117	23	24.430166	938.076	7.51	-4.86	-1.60	0.121	2005.0562	2017.8233	Yes	-29.566	967.642	P594
P595	SearlesValCS2005	-2386904.6832	-4604247.8111	3701367.0496	0.0032	0.0040	0.0038	35	41	51.213814	-117	24	10.215404	644.4216	2.06	2.09	5.64	0.99	0.90	2.85	-2.52	-19.04	-0.62	0.10	0.08	0.20	-2386903.7976	-4604249.1124	3701367.1762	35	41	51.202997	-117	24	10.160313	645.103	8.81	-5.26	-1.74	0.129	2005.8068	2017.8233	Yes	-30.434	675.537	P595
P596	QueenShebaCS2007	-2336646.0875	-4607868.8690	3728281.0427	0.0031	0.0040	0.0038	35	59	53.436938	-116	53	22.287851	430.4853	2.02	2.09	5.62	1.95	1.10	3.76	-6.78	-16.49	-0.62	0.33	0.08	0.33	-2336645.2013	-4607870.1693	3728281.1683	35	59	53.425765	-116	53	22.232816	431.173	4.37	-2.56	-1.74		2007.1192	2017.8233	Yes	-29.958	461.131	P596
P597	OwlsHeadMtCS2007	-2345289.0485	-4625138.1138	3702862.9118	0.0030	0.0037	0.0036	35	42	38.156602	-116	53	18.234617	1194.1701	2.01	2.02	5.25	1.22	1.00	3.00	-5.42	-16.88	-0.31	0.14	0.06	0.25	-2345288.1639	-4625139.4171	3702863.0399	35	42	38.145545	-116	53	18.179794	1194.864	5.73	-3.03	-1.43	0.115	2007.1274	2017.8233	Yes	-30.08	1224.944	P597
P598	Onyx_Peak_CS2007	-2374850.9279	-4719757.8698	3565668.7683	0.0030	0.0039	0.0035	34	11	32.862618	-116	42	36.969538	2746.4697	1.83	1.97	5.40	0.96	0.96	2.91	4.57	-22.57	1.92	0.06	0.08	0.25	-2374850.0522	-4719759.1896	3565668.9098	34	11	32.852100	-116	42	36.915841	2747.199	15.64	-9.10	0.84	0.151	2007.6589	2017.8233	Yes	-29.834	2777.033	P598
P599	GammaGulchCS2006	-2359391.1729	-4724467.4543	3567136.5665	0.0032	0.0042	0.0037	34	13	1.814418	-116	32	14.878231	1323.8934	1.87	2.05	5.76	0.94	1.01	3.49	3.29	-20.03	2.51	0.08	0.06	0.25	-2359390.2974	-4724468.7748	3567136.7082	34	13	1.803804	-116	32	14.824595	1324.627	14.30	-6.54	1.43	0.135	2006.3164	2017.8233	Yes	-30.71	1355.337	P599
P600	Pushwalla_CS2005	-2341948.5579	-4756978.2563	3534541.7082	0.0030	0.0039	0.0037	33	51	57.045555	-116	12	42.760733	792.0777	2.06	2.09	5.36	0.90	0.90	3.24	0.49	-20.91	1.18	0.06	0.06	0.25	-2341947.6850	-4756979.5819	3534541.8536	33	51	57.034942	-116	12	42.707492	792.826	11.37	-7.48	0.11	0.140	2005.0918	2017.8233	Yes	-32.121	824.947	P600
P601	GeologyRd_CS2006	-2328633.7942	-4757487.3991	3543396.7513	0.0031	0.0041	0.0038	33	57	33.466572	-116	4	48.827129	1242.6317	2.09	2.13	5.66	0.79	1.01	3.07	-2.92	-18.11	0.52	0.06	0.08	0.24	-2328632.9211	-4757488.7243	3543396.8964	33	57	33.455864	-116	4	48.773905	1243.382	7.92	-4.64	-0.55	0.123	2006.2425	2017.8233	Yes	-31.446	1274.828	P601
P602	PolonlPassCS2008	-2609902.3771	-4479243.6047	3704216.8764	0.0033	0.0040	0.0039	35	43	44.994369	-120	13	40.423487	648.2320	2.09	2.06	5.75	0.64	1.04	3.01	9.07	-27.45	2.31	0.06	0.14	0.35	-2609901.4850	-4479244.8942	3704216.9930	35	43	44.984843	-120	13	40.366987	648.840	21.39	-14.03	1.15	0.189	2008.1216	2017.8233	Yes	-33.628	682.468	P602
P603	I40CorridoCS2007	-2303391.2016	-4716485.9253	3612452.0652	0.0032	0.0041	0.0039	34	43	0.859922	-116	1	46.217571	624.7074	2.06	2.13	5.78	0.75	0.80	2.82	-7.58	-15.60	1.21	0.06	0.06	0.24	-2303390.3243	-4716487.2426	3612452.2042	34	43	0.848871	-116	1	46.163879	625.443	3.25	-1.91	0.13	0.116	2007.8726	2017.8233	Yes	-31.55	656.993	P603
P604	HarvardHilCS2008	-2349821.4459	-4677904.2562	3632460.7660	0.0035	0.0046	0.0042	34	56	12.579093	-116	40	17.240112	588.4321	2.21	2.31	6.36	1.46	1.06	3.03	-4.84	-18.25	0.21	0.24	0.10	0.24	-2349820.5661	-4677905.5685	3632460.9012	34	56	12.568241	-116	40	17.185925	589.147	6.22	-4.58	-0.89	0.125	2008.3484	2017.8233	Yes	-31.469	620.616	P604
P605	MtWatermanCS2008	-2470845.8530	-4659402.4710	3579118.9975	0.0035	0.0045	0.0040	34	20	28.060704	-117	56	12.007419	2419.7194	2.08	2.13	6.29	1.01	1.07	3.16	10.07	-33.50	0.91	0.12	0.14	0.41	-2470844.9738	-4659403.7842	3579119.1338	34	20	28.050666	-117	56	11.952980	2420.414	21.58	-20.14	-0.19	0.231	2008.2992	2017.8233	Yes	-31.337	2451.751	P605
P606	LucerneValCS2005	-2380461.2047	-4696283.4800	3589311.5378	0.0038	0.0050	0.0045	34	27	43.430471	-116	52	46.654330	863.3574	2.32	2.45	6.93	0.94	0.94	3.50	2.45	-23.02	0.79	0.06	0.06	0.25	-2380460.3271	-4696284.7964	3589311.6764	34	27	43.419906	-116	52	46.600348	864.077	13.58	-9.50	-0.30	0.151	2005.7986	2017.8233	Yes	-31.079	895.156	P606
P607	CottonSprgCS2006	-2312828.2068	-4779916.7870	3523129.6252	0.0032	0.0041	0.0038	33	44	27.741113	-115	49	14.355880	958.7138	2.09	2.12	5.71	0.82	0.90	3.06	-5.17	-17.90	0.46	0.08	0.08	0.25	-2312827.3355	-4779918.1157	3523129.7728	33	44	27.730383	-115	49	14.302933	959.475	5.57	-4.46	-0.60	0.124	2006.2397	2017.8233	Yes	-32.134	991.609	P607
P608	DuplexMineCS2008	-2294740.7034	-4770973.1357	3546255.9530	0.0033	0.0043	0.0040	33	59	38.698895	-115	41	11.777130	632.3042	2.13	2.20	5.97	0.82	0.80	2.96	-6.77	-16.08	0.94	0.06	0.06	0.27	-2294739.8309	-4770974.4622	3546256.0989	33	59	38.687996	-115	41	11.724095	633.063	3.93	-2.55	-0.12	0.117	2008.1134	2017.8233	Yes	-31.978	665.041	P608
P609	YucaipaRidCS2006	-2393521.7207	-4719354.7153	3553733.2228	0.0037	0.0050	0.0043	34	3	45.672330	-116	53	34.151860	2721.2252	2.20	2.32	6.88	1.29	0.95	3.76	5.91	-24.79	0.69	0.16	0.10	0.43	-2393520.8453	-4719356.0358	3553733.3648	34	3	45.661946	-116	53	34.098147	2721.952	17.05	-11.38	-0.39	0.171	2006.7438	2017.8233	Yes	-30.447	2752.399	P609
P610	AmericMineCS2006	-2289354.4284	-4743418.5247	3585694.9766	0.0036	0.0044	0.0041	34	25	32.687204	-115	45	49.415195	343.8441	2.01	2.12	6.40	0.81	0.87	3.38	-7.72	-14.57	0.03	0.06	0.06	0.27	-2289353.5533	-4743419.8462	3585695.1187	34	25	32.676154	-115	45	49.361837	344.593	3.01	-0.93	-1.04	0.112	2006.3219	2017.8233	Yes	-32.04	376.633	P610
P611	RainboWellCS2006	-2258909.5709	-4704207.9017	3657221.5887	0.0030	0.0039	0.0037	35	12	17.182915	-115	38	59.327006	1333.0262	2.03	2.08	5.44	0.64	0.91	2.64	-8.39	-16.06	1.29	0.06	0.10	0.22	-2258908.6918	-4704209.2153	3657221.7247	35	12	17.171493	-115	38	59.273204	1333.761	2.31	-2.20	0.20	0.118	2006.1274	2017.8233	Yes	-29.732	1363.493	P611
P612	CalStateSBCS2005	-2423879.8523	-4693061.6556	3563958.0244	0.0032	0.0040	0.0037	34	11	14.576540	-117	18	55.871768	531.7153	2.07	2.04	5.58	2.16	1.03	4.43	7.03	-29.50	0.30	0.22	0.08	0.33	-2423878.9752	-4693062.9732	3563958.1638	34	11	14.566278	-117	18	55.817729	532.429	18.31	-16.11	-0.79	0.203	2005.4671	2017.8233	Yes	-32.355	564.784	P612
P613	KellerPeakCS2007	-2402538.6252	-4705099.6451	3565791.0220	0.0034	0.0041	0.0037	34	11	46.283051	-117	2	59.873440	2355.1516	1.75	1.94	5.90	6.05	3.61	5.48	5.70	-24.76	0.65	1.04	0.63	0.86	-2402537.7488	-4705100.9635	3565791.1623	34	11	46.272679	-117	2	59.819554	2355.872	16.89	-11.33	-0.43		2007.6616	2017.8233	Yes	-30.832	2386.704	P613
P614	Essex_CTY_CS2007	-2238586.2110	-4746425.2473	3613733.4406	0.0039	0.0055	0.0046	34	43	54.455464	-115	15	0.950399	490.9850	2.18	2.33	7.49	1.13	0.97	3.75	-9.47	-14.80	0.13	0.14	0.08	0.33	-2238585.3352	-4746426.5677	3613733.5816	34	43	54.444055	-115	15	0.897128	491.740	1.08	-1.02	-0.94	0.116	2007.1438	2017.8233	Yes	-30.885	522.625	P614
P615	PaintdRcksCS2006	-2349747.6878	-4659201.5048	3657011.8873	0.0030	0.0039	0.0035	35	12	16.590824	-116	45	46.480011	995.1435	1.80	1.95	5.44	0.75	0.94	2.78	-3.32	-17.85	0.43	0.06	0.06	0.18	-2349746.8063	-4659202.8138	3657012.0200	35	12	16.579908	-116	45	46.425600	995.851	7.78	-4.12	-0.67	0.119	2006.3795	2017.8233	Yes	-30.848	1026.699	P615
P616	Red_ButtesCS2007	-2434637.1449	-4599523.2097	3676971.8490	0.0032	0.0040	0.0037	35	25	28.428590	-117	53	36.004691	1071.1942	2.00	2.06	5.62	0.86	1.14	3.79	0.42	-20.47	-0.05	0.06	0.10	0.35	-2434636.2597	-4599524.5118	3676971.9763	35	25	28.418106	-117	53	35.949541	1071.868	11.92	-6.82	-1.17	0.136	2007.3521	2017.8233	Yes	-30.826	1102.694	P616
P617	TiefortMtsCS2006	-2330817.0214	-4660292.8654	3667462.7430	0.0028	0.0037	0.0034	35	19	14.312819	-116	34	17.927105	887.6900	1.76	1.87	5.11	1.29	0.94	3.07	-6.73	-16.30	0.28	0.16	0.06	0.24	-2330816.1397	-4660294.1740	3667462.8753	35	19	14.301769	-116	34	17.872715	888.400	4.30	-2.51	-0.82	0.118	2006.3767	2017.8233	Yes	-30.551	918.951	P617
P618	CSUDertStdCS2005	-2297507.1269	-4688980.6772	3650901.9366	0.0032	0.0043	0.0039	35	8	30.800215	-116	6	14.161116	263.3741	2.05	2.17	5.93	0.73	0.90	3.16	-8.30	-16.12	1.14	0.06	0.04	0.24	-2297506.2472	-4688981.9897	3650902.0718	35	8	30.789020	-116	6	14.107095	264.099	2.56	-2.33	0.05	0.120	2005.9932	2017.8233	Yes	-31.008	295.107	P618
P620	AlexnderhlCS2008	-2282753.1946	-4650446.6644	3709289.4661	0.0032	0.0041	0.0039	35	47	7.309056	-116	8	41.717902	668.7242	2.06	2.13	5.71	0.77	0.73	2.77	-7.89	-15.58	0.68	0.08	0.06	0.27	-2282752.3111	-4650447.9700	3709289.5957	35	47	7.297622	-116	8	41.663419	669.435	2.99	-1.62	-0.43	0.117	2008.2336	2017.8233	Yes	-29.574	699.009	P620
P621	MountPass_CS2005	-2242827.6653	-4692918.0795	3681531.4089	0.0031	0.0040	0.0038	35	28	21.935020	-115	32	38.225823	1420.5102	2.09	2.13	5.57	1.08	1.39	3.20	-8.55	-15.18	0.45	0.08	0.08	0.22	-2242826.7849	-4692919.3908	3681531.5429	35	28	21.923438	-115	32	38.171897	1421.242	2.11	-1.23	-0.64	0.113	2005.7027	2017.8233	Yes	-28.747	1449.989	P621
P622	RoundVallyCS2005	-2236780.2830	-4717900.1994	3653542.4426	0.0032	0.0043	0.0039	35	9	46.767427	-115	21	57.117671	1524.4635	2.07	2.14	5.90	0.83	0.91	2.91	-8.62	-15.01	0.11	0.06	0.06	0.24	-2236779.4047	-4717901.5147	3653542.5798	35	9	46.755894	-115	21	57.064057	1525.207	1.97	-1.12	-0.97	0.116	2005.8041	2017.8233	Yes	-29.258	1554.465	P622
P623	VidalJunctCS2005	-2198633.8347	-4802364.2885	3563951.9919	0.0033	0.0044	0.0040	34	11	20.158963	-114	35	57.862359	267.7467	2.12	2.24	6.01	0.74	0.84	3.18	-8.03	-14.65	-0.48	0.06	0.06	0.27	-2198632.9634	-4802365.6176	3563952.1391	34	11	20.147495	-114	35	57.809812	268.529	2.27	-0.95	-1.53	0.113	2005.4945	2017.8233	Yes	-31.55	300.079	P623
P625	CaminoSubsCS2007	-2211969.6445	-4751128.0178	3624063.7483	0.0031	0.0041	0.0038	34	50	39.993951	-114	57	54.522435	606.7782	2.09	2.17	5.64	0.69	0.92	3.10	-8.34	-14.85	0.09	0.06	0.06	0.27	-2211968.7687	-4751129.3383	3624063.8891	34	50	39.982365	-114	57	54.469252	607.538	2.10	-1.01	-0.98	0.116	2007.6178	2017.8233	Yes	-30.375	637.913	P625
P626	NewYorkMtnCS2005	-2222743.4276	-4715390.4917	3665109.9358	0.0032	0.0041	0.0039	35	17	28.026791	-115	14	17.803451	1442.7622	2.10	2.18	5.73	0.99	1.04	3.13	-8.58	-15.06	0.24	0.06	0.06	0.25	-2222742.5487	-4715391.8062	3665110.0722	35	17	28.015145	-115	14	17.749821	1443.506	1.97	-1.12	-0.85	0.116	2005.8233	2017.8233	Yes	-28.992	1472.498	P626
P627	QueenVallyNV2006	-2393636.9356	-4430907.2652	3904531.8511	0.0034	0.0043	0.0041	37	58	23.162209	-118	22	42.695477	2342.1448	2.12	2.30	6.02	1.00	0.96	2.75	-5.44	-17.01	-0.10	0.12	0.10	0.24	-2393636.0351	-4430908.5393	3904531.9549	37	58	23.151041	-118	22	42.638225	2342.755	6.27	-2.76	-1.28	0.118	2006.8644	2017.8233	Yes	-24.752	2367.507	P627
P628	Tioga_PassCS2007	-2462223.8504	-4396733.1717	3901486.5708	0.0031	0.0037	0.0037	37	56	3.228164	-119	14	57.677408	2924.4273	1.86	2.07	5.45	2.42	2.01	9.37	-1.47	-22.59	0.44	0.47	0.33	1.82	-2462222.9482	-4396734.4427	3901486.6721	37	56	3.217441	-119	14	57.619770	2925.017	10.54	-8.47	-0.75	0.151	2007.6452	2017.8233	Yes	-23.728	2948.745	P628
P629	MtTom_LookCS2008	-2475241.5789	-4432669.4694	3852279.5162	0.0031	0.0037	0.0037	37	22	33.118413	-119	10	45.748929	2725.6772	2.02	2.01	5.36	1.12	1.57	4.81	-2.43	-22.09	1.33	0.20	0.29	0.92	-2475240.6800	-4432670.7463	3852279.6226	37	22	33.107843	-119	10	45.691753	2726.280	9.55	-8.10	0.15	0.148	2008.5806	2017.8233	Yes	-25.785	2752.065	P629
P630	OldMammothCS2006	-2453621.1658	-4426368.8855	3873182.3462	0.0046	0.0055	0.0054	37	36	46.929362	-119	0	1.597935	2740.6021	2.45	2.72	8.24	4.43	2.66	4.78	-3.97	-23.16	1.93	0.73	0.37	0.55	-2453620.2660	-4426370.1607	3873182.4511	37	36	46.918624	-119	0	1.540663	2741.204	7.95	-9.09	0.75	0.160	2006.8753	2017.8233	Yes	-24.556	2765.760	P630
P631	Laurel_CrkCS2006	-2447312.0253	-4430384.1673	3872454.7300	0.0034	0.0042	0.0042	37	36	19.167904	-118	54	57.389700	2659.8253	2.10	2.12	6.11	6.77	1.93	8.37	-7.06	-20.59	5.24	1.08	0.25	1.10	-2447311.1257	-4430385.4429	3872454.8353	37	36	19.157127	-118	54	57.332474	2660.430	4.83	-6.51	4.06	0.151	2006.9192	2017.8233	Yes	-24.639	2685.069	P631
P632	JuneLake__CS2006	-2454400.9241	-4412210.9465	3888134.0706	0.0035	0.0047	0.0042	37	47	8.392560	-119	5	9.875706	2389.8132	2.01	2.10	6.61	1.48	2.88	6.49	-0.72	-22.56	1.14	0.16	0.37	0.73	-2454400.0231	-4412212.2196	3888134.1737	37	47	8.381804	-119	5	9.818255	2390.410	11.23	-8.46	-0.05	0.153	2006.8589	2017.8233	Yes	-24.25	2414.660	P632
P633	MonoDomesNCS2008	-2446049.1926	-4406803.7678	3899279.2110	0.0031	0.0039	0.0038	37	54	48.455952	-119	1	58.761183	2293.0226	2.06	2.06	5.53	1.78	2.00	3.98	0.50	-22.28	0.25	0.31	0.27	0.53	-2446048.2910	-4406805.0399	3899279.3132	37	54	48.445126	-119	1	58.703657	2293.618	12.44	-8.14	-0.94	0.149	2008.6516	2017.8233	Yes	-24.624	2318.242	P633
P634	Deer_MountCS2007	-2452723.4826	-4420138.3905	3880360.6546	0.0041	0.0051	0.0046	37	41	47.730648	-119	1	32.815471	2467.4497	2.19	2.30	7.34	1.72	3.84	6.27	-1.13	-23.50	2.23	0.24	0.61	0.90	-2452722.5823	-4420139.6648	3880360.7587	37	41	47.719893	-119	1	32.758119	2468.049	10.80	-9.41	1.05	0.164	2007.4562	2017.8233	Yes	-24.567	2492.616	P634
P635	Grant_LakeCS2007	-2456655.8751	-4406860.4412	3892898.0346	0.0032	0.0041	0.0040	37	50	21.528420	-119	8	16.771881	2484.1991	2.00	2.06	5.83	1.42	3.27	5.54	-0.63	-23.43	1.40	0.16	0.45	0.61	-2456654.9738	-4406861.7136	3892898.1371	37	50	21.517672	-119	8	16.714365	2484.793	11.34	-9.32	0.21	0.157	2007.2945	2017.8233	Yes	-24.04	2508.833	P635
P636	LogCabinRFCS2007	-2453322.6421	-4399307.3667	3903871.7934	0.0031	0.0038	0.0037	37	57	45.975487	-119	8	48.150658	2739.0600	2.05	2.05	5.44	1.32	2.24	4.56	-1.38	-22.56	0.79	0.18	0.29	0.67	-2453321.7400	-4399308.6379	3903871.8947	37	57	45.964704	-119	8	48.093043	2739.651	10.60	-8.42	-0.40	0.150	2007.4562	2017.8233	Yes	-24.083	2763.734	P636
P637	PumiceVallCS2008	-2449826.9397	-4404418.4321	3899175.1587	0.0033	0.0041	0.0039	37	54	50.779708	-119	5	1.320440	2031.6686	2.08	2.11	5.83	1.65	2.37	5.09	0.00	-22.98	1.35	0.25	0.29	0.63	-2449826.0380	-4404419.7041	3899175.2607	37	54	50.768906	-119	5	1.262886	2032.263	11.95	-8.84	0.16	0.155	2008.4932	2017.8233	Yes	-24.448	2056.711	P637
P638	LookoutMtnCS2008	-2445140.9762	-4421431.5282	3883689.2368	0.0032	0.0039	0.0038	37	44	3.542660	-118	56	36.529413	2491.9197	2.07	2.07	5.60	5.18	2.31	7.83	2.46	-23.01	7.32	1.02	0.37	1.45	-2445140.0758	-4421432.8025	3883689.3408	37	44	3.531852	-118	56	36.472072	2492.521	14.36	-8.90	6.14	0.166	2008.4440	2017.8233	Yes	-24.762	2517.283	P638
P639	FumaroleVaCS2006	-2441924.9387	-4429254.6755	3876588.7445	0.0032	0.0040	0.0039	37	39	16.423059	-118	52	7.357474	2339.3204	2.05	2.05	5.67	3.40	4.37	10.39	-4.85	-16.51	8.42	0.55	0.73	1.69	-2441924.0390	-4429255.9508	3876588.8495	37	39	16.412241	-118	52	7.300230	2339.925	7.03	-2.41	7.24	0.129	2006.9329	2017.8233	Yes	-24.942	2364.867	P639
P640	Mono_MillsCS2006	-2441147.1238	-4411131.5818	3897319.5558	0.0034	0.0042	0.0042	37	53	30.257639	-118	57	37.473882	2200.9371	2.14	2.14	6.18	2.80	1.41	4.15	0.30	-20.51	2.77	0.45	0.14	0.43	-2441146.2225	-4411132.8544	3897319.6583	37	53	30.246784	-118	57	37.416407	2201.535	12.21	-6.36	1.58	0.140	2006.9301	2017.8233	Yes	-24.617	2226.152	P640
P641	SagehenMdwCS2008	-2433360.4472	-4416780.6160	3896332.5241	0.0032	0.0040	0.0039	37	52	41.480479	-118	51	6.917083	2527.1886	2.05	2.07	5.65	2.60	1.66	3.44	0.34	-18.17	2.95	0.49	0.27	0.45	-2433359.5462	-4416781.8892	3896332.6272	37	52	41.469577	-118	51	6.859675	2527.789	12.21	-4.01	1.76	0.123	2008.4440	2017.8233	Yes	-24.492	2552.281	P641
P643	Toms_PlaceCS2006	-2431673.4956	-4441880.4572	3868275.2991	0.0032	0.0040	0.0040	37	33	41.588721	-118	41	53.389559	2121.9956	2.05	2.06	5.83	2.00	1.60	4.11	-4.44	-18.00	1.83	0.24	0.16	0.37	-2431672.5967	-4441881.7341	3868275.4055	37	33	41.577850	-118	41	53.332467	2122.606	7.37	-3.90	0.65	0.124	2006.8671	2017.8233	Yes	-24.777	2147.383	P643
P644	WheelrRidgCS2007	-2433263.4673	-4447320.0222	3863263.5752	0.0030	0.0038	0.0037	37	29	43.410108	-118	41	3.856648	3458.6283	2.03	2.02	5.36	2.59	2.14	3.60	-4.95	-18.98	1.31	0.43	0.29	0.45	-2433262.5689	-4447321.2997	3863263.6824	37	29	43.399260	-118	41	3.799629	3459.241	6.86	-4.89	0.13	0.129	2007.5438	2017.8233	Yes	-24.543	3483.784	P644
P645	OwensGorgeCS2008	-2424165.4397	-4447442.2843	3866420.4783	0.0032	0.0039	0.0038	37	32	28.576309	-118	35	36.445460	2007.7086	2.06	2.10	5.62	1.04	1.29	3.56	-4.36	-18.33	1.37	0.14	0.18	0.47	-2424164.5411	-4447443.5619	3866420.5852	37	32	28.565393	-118	35	36.388434	2008.322	7.42	-4.22	0.19	0.125	2008.4850	2017.8233	Yes	-25.158	2033.480	P645
P647	OHarrelCynCS2008	-2430812.1642	-4427540.0406	3885292.1403	0.0032	0.0040	0.0038	37	45	15.700797	-118	46	3.747656	2235.5424	2.00	1.96	5.78	2.20	2.53	4.51	-1.22	-16.20	3.92	0.37	0.45	0.61	-2430811.2641	-4427541.3153	3885292.2448	37	45	15.689894	-118	46	3.690382	2236.147	10.62	-2.06	2.74	0.111	2008.4522	2017.8233	Yes	-24.86	2261.007	P647
P648	CraterMarkCS2006	-2448846.6514	-4414344.4197	3889505.1746	0.0064	0.0078	0.0073	37	48	0.055955	-119	1	9.171716	2572.4057	2.21	2.80	11.91	2.55	2.40	4.67	0.22	-23.14	2.71	0.41	0.33	0.53	-2448845.7505	-4414345.6930	3889505.2778	37	48	0.045162	-119	1	9.114289	2573.004	12.15	-9.02	1.52	0.158	2006.9356	2017.8233	Yes	-24.393	2597.397	P648
P649	GraniteMtnCS2006	-2423467.2364	-4419915.8733	3898317.3831	0.0033	0.0042	0.0040	37	54	12.442006	-118	44	10.432844	2153.9587	2.11	2.14	5.96	1.98	1.49	3.12	-1.62	-17.54	1.62	0.29	0.20	0.29	-2423466.3355	-4419917.1467	3898317.4863	37	54	12.431036	-118	44	10.375468	2154.561	10.21	-3.36	0.43	0.115	2006.8534	2017.8233	Yes	-24.634	2179.195	P649
P650	AntelopeMtCS2006	-2409918.5007	-4428393.1102	3897338.7952	0.0036	0.0044	0.0042	37	53	28.594154	-118	33	17.648286	2298.1893	2.16	2.21	6.31	1.06	1.14	3.13	-3.85	-16.94	0.96	0.14	0.14	0.31	-2409917.6003	-4428394.3844	3897338.8992	37	53	28.583101	-118	33	17.591011	2298.797	7.92	-2.74	-0.22	0.115	2006.8205	2017.8233	Yes	-24.823	2323.620	P650
P651	ChalfantVaCS2006	-2407159.8787	-4454367.2847	3867921.3633	0.0034	0.0042	0.0041	37	33	47.192380	-118	23	13.144381	1316.7142	2.09	2.17	6.08	0.78	1.04	3.76	-5.15	-17.84	0.14	0.08	0.10	0.35	-2407158.9805	-4454368.5630	3867921.4706	37	33	47.181351	-118	23	13.087432	1317.333	6.55	-3.70	-1.03	0.125	2006.8562	2017.8233	Yes	-25.714	1343.047	P651
P652	BarcroftObCS2007	-2395725.6709	-4460818.1693	3871767.7611	0.0031	0.0039	0.0038	37	35	20.966684	-118	14	18.432192	3865.2929	2.08	2.12	5.54	0.79	1.33	2.94	-5.89	-17.41	0.53	0.12	0.20	0.37	-2395724.7730	-4460819.4476	3871767.8689	37	35	20.955589	-118	14	18.375326	3865.914	5.77	-3.24	-0.64	0.122	2007.4644	2017.8233	Yes	-24.718	3890.632	P652
P653	BlindSprinCS2006	-2408294.9168	-4440763.8012	3883561.2494	0.0033	0.0042	0.0040	37	44	14.997436	-118	28	17.982860	1826.2962	2.10	2.16	5.96	0.94	1.44	3.80	-4.57	-17.34	0.44	0.08	0.18	0.33	-2408294.0175	-4440765.0773	3883561.3549	37	44	14.986391	-118	28	17.925740	1826.909	7.17	-3.16	-0.74	0.118	2006.8178	2017.8233	Yes	-25.042	1851.951	P653
P654	ConwayRoadCS2008	-2450157.3385	-4393003.5374	3911775.1886	0.0032	0.0041	0.0039	38	3	28.563976	-119	9	0.688970	2053.4732	2.06	2.09	5.82	1.27	2.20	4.97	-1.95	-22.06	0.46	0.14	0.25	0.61	-2450156.4359	-4393004.8077	3911775.2890	38	3	28.553158	-119	9	0.631271	2054.062	10.03	-7.90	-0.73	0.147	2008.2773	2017.8233	Yes	-24.258	2078.320	P654
P655	EveritHillCN2006	-2558377.2587	-4061639.8748	4188068.3664	0.0047	0.0056	0.0053	41	17	40.147041	-122	12	22.766308	1542.5193	2.39	2.32	8.41	2.41	1.88	9.12	-6.01	-17.69	-0.82	0.33	0.25	1.35	-2558376.3309	-4061641.1030	4188068.4262	41	17	40.136849	-122	12	22.704447	1542.968	7.06	-3.22	-2.12	0.124	2006.7384	2017.8233	Yes	-23.72	1566.688	P655
P656	SHGrayBte_CN2007	-2556008.6549	-4059526.5277	4192834.8875	0.0039	0.0047	0.0047	41	20	41.418180	-122	11	45.023153	2398.6279	2.35	2.29	6.93	6.21	3.42	20.18	-6.61	-16.96	0.53	2.94	1.55	9.64	-2556007.7269	-4059527.7554	4192834.9469	41	20	41.407975	-122	11	44.961259	2399.076	6.46	-2.47	-0.77	0.122	2007.5685	2017.8233	Yes	-23.535	2422.611	P656
P657	SHWestSideCN2007	-2561235.0477	-4052436.1555	4195398.0643	0.0036	0.0042	0.0042	41	22	52.459339	-122	17	37.861094	1684.4330	2.09	2.05	6.34	1.27	1.46	5.32	-5.85	-16.99	-0.55	0.14	0.18	0.67	-2561234.1193	-4052437.3827	4195398.1230	41	22	52.449173	-122	17	37.799117	1684.878	7.25	-2.51	-1.85	0.119	2007.5795	2017.8233	Yes	-23.433	1708.311	P657
P658	SHNorthGteCN2007	-2550207.0737	-4051084.6783	4203708.3610	0.0034	0.0041	0.0042	41	28	45.034950	-122	11	27.290280	1915.1910	2.11	2.06	6.10	2.56	1.36	5.10	-6.12	-17.00	-0.36	0.35	0.18	0.74	-2550206.1449	-4051085.9049	4203708.4191	41	28	45.024705	-122	11	27.228255	1915.637	6.95	-2.48	-1.66	0.120	2007.5630	2017.7904	Yes	-23.388	1939.025	P658
P659	SHGravlCrkCN2007	-2544201.7300	-4056958.6446	4201508.0483	0.0036	0.0043	0.0044	41	27	13.438641	-122	5	33.596108	1791.0778	2.09	2.24	6.43	2.83	2.03	11.22	-6.77	-17.50	-0.71	0.96	0.59	4.94	-2544200.8016	-4056959.8718	4201508.1070	41	27	13.428348	-122	5	33.534145	1791.526	6.27	-2.97	-2.01		2007.8123	2014.3685	No	-23.391	1814.917	P659
P661	SHHotlum__CN2007	-2559186.1540	-4046250.5178	4202020.1874	0.0034	0.0040	0.0042	41	27	48.950760	-122	18	45.620684	1324.1800	2.07	1.98	6.05	1.09	1.38	4.21	-5.99	-16.88	-0.38	0.10	0.16	0.47	-2559185.2250	-4046251.7442	4202020.2452	41	27	48.940581	-122	18	45.558616	1324.623	7.12	-2.39	-1.68	0.119	2007.5849	2017.8233	Yes	-23.524	1348.147	P661

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mm	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
P663	SHWhalebakCN2007	-2545581.8033	-4049690.4737	4208312.2495	0.0043	0.0048	0.0049	41	31	54.980978	-122	9	10.528848	2238.0111	2.13	2.20	7.46	1.37	1.49	4.77	-6.06	-17.26	0.15	0.12	0.18	0.55	-2545580.8743	-4049691.6999	4208312.3073	41	31	54.970701	-122	9	10.466792	2238.457	7.00	-2.72	-1.15	0.122	2007.5877	2017.8233	Yes	-23.321	2261.778	P663
P664	LVMtHelen_CN2007	-2539424.1510	-4144628.1555	4119763.6633	0.0063	0.0082	0.0075	40	28	23.504210	-121	29	45.264989	2569.0474	2.84	3.25	11.96	3.12	2.52	7.46	-3.85	-18.82	-9.09	0.86	0.65	2.00	-2539423.2294	-4144629.3937	4119763.7335	40	28	23.493862	-121	29	45.204194	2569.530	8.97	-4.42	-10.36		2007.7603	2017.8233	Yes	-23.777	2593.307	P664
P665	LVLoDimondCN2007	-2542130.0534	-4144196.3291	4118163.9102	0.0060	0.0074	0.0073	40	27	22.059768	-121	31	32.724006	2326.7335	3.32	2.97	11.16	3.84	1.90	10.71	-2.80	-17.80	-6.32	0.86	0.37	2.39	-2542129.1319	-4144197.5675	4118163.9804	40	27	22.049439	-121	31	32.663211	2327.216	10.03	-3.41	-7.59	0.128	2007.7548	2017.8233	Yes	-23.882	2351.098	P665
P666	LVBumpass_CN2007	-2541026.8888	-4144222.6123	4119036.9007	0.0035	0.0043	0.0042	40	27	55.242895	-121	30	52.241439	2471.4801	2.16	2.12	6.30	3.99	2.21	11.23	-2.72	-18.28	-7.47	0.76	0.37	2.18	-2541025.9673	-4144223.8505	4119036.9709	40	27	55.232558	-121	30	52.180642	2471.962	10.11	-3.88	-8.74	0.133	2007.7658	2017.8233	Yes	-23.833	2495.795	P666
P667	LVWhite___CN2007	-2537548.8154	-4146189.8708	4118988.3368	0.0040	0.0046	0.0044	40	27	56.975222	-121	28	2.793755	2333.9869	2.16	2.12	6.90	3.81	1.88	8.63	-3.12	-22.53	-8.01	1.22	0.51	2.69	-2537547.8940	-4146191.1092	4118988.4071	40	27	56.964859	-121	28	2.732976	2334.470	9.69	-8.13	-9.28		2007.7548	2017.8233	Yes	-23.729	2358.199	P667
P668	LVHatLake_CN2007	-2535468.4997	-4143499.4585	4122406.9533	0.0040	0.0049	0.0050	40	30	32.375779	-121	27	47.085334	1982.4488	2.29	2.39	7.36	2.39	2.85	7.89	-7.64	-21.58	-5.10	0.41	0.57	1.53	-2535467.5780	-4143500.6966	4122407.0233	40	30	32.365400	-121	27	47.024513	1982.932	5.17	-7.17	-6.37		2007.7548	2017.8233	Yes	-23.787	2006.719	P668
P669	BluLakeCynCN2008	-2546218.7397	-4138206.3545	4120891.5011	0.0049	0.0054	0.0053	40	29	31.646782	-121	36	13.638692	1842.9086	2.33	2.41	8.33	1.78	1.56	5.32	-6.04	-19.00	-0.30	0.39	0.27	1.08	-2546217.8178	-4138207.5922	4120891.5706	40	29	31.636481	-121	36	13.577825	1843.388	6.82	-4.61	-1.57		2008.7172	2017.8233	Yes	-24.143	1867.531	P669
P670	LVManzLakeCN2007	-2542448.2413	-4136378.1485	4124853.9848	0.0041	0.0051	0.0048	40	32	23.656998	-121	34	37.914784	1731.7260	2.19	2.18	7.51	1.25	1.13	4.64	-6.86	-18.80	-2.33	0.14	0.14	0.63	-2542447.3192	-4136379.3859	4124854.0540	40	32	23.646670	-121	34	37.853884	1732.205	5.99	-4.40	-3.60	0.133	2007.7027	2017.8233	Yes	-24.07	1756.275	P670
P671	SiffordMtnCN2008	-2536689.8805	-4151167.7117	4113952.4809	0.0057	0.0063	0.0060	40	24	32.906971	-121	25	41.558235	1958.7693	2.36	2.58	9.79	2.87	1.84	7.91	-1.99	-22.40	-4.28	0.57	0.29	1.45	-2536688.9595	-4151168.9509	4113952.5519	40	24	32.896601	-121	25	41.497519	1959.255	10.81	-8.01	-5.55	0.149	2008.6189	2017.8233	Yes	-23.712	1982.967	P671
P672	LavaBedsNMCN2005	-2492521.5517	-4066319.8481	4222697.3970	0.0034	0.0041	0.0041	41	42	41.650544	-121	30	24.983909	1435.0890	2.11	2.07	6.07	1.55	0.99	3.90	-7.09	-17.09	-0.89	0.12	0.08	0.35	-2492520.6231	-4066321.0751	4222697.4554	41	42	41.639868	-121	30	24.921940	1435.547	5.75	-2.41	-2.19	0.126	2005.7466	2017.8233	Yes	-22.916	1458.463	P672
P673	MedicineLkCN2006	-2505140.3283	-4069975.3724	4212645.7816	0.0045	0.0054	0.0051	41	35	8.961878	-121	36	46.860437	2017.8355	2.28	2.20	8.11	1.87	1.34	10.86	-6.05	-15.92	-4.48	0.49	0.31	3.43	-2505139.4002	-4069976.6001	4212645.8409	41	35	8.951294	-121	36	46.798551	2018.293	6.83	-1.28	-5.78		2006.6507	2017.8233	Yes	-22.776	2041.069	P673
P674	GlassMtn__CN2006	-2495173.0113	-4073349.8369	4215099.5104	0.0034	0.0043	0.0044	41	36	58.758485	-121	29	23.956668	1897.1991	2.11	2.09	6.34	1.26	1.37	5.03	-7.22	-18.38	-2.15	0.12	0.12	0.61	-2495172.0833	-4073351.0648	4215099.5699	41	36	58.747826	-121	29	23.894803	1897.659	5.62	-3.72	-3.44	0.133	2006.6452	2017.8233	Yes	-22.76	1920.419	P674
P723	PineCkMineCS2007	-2440026.9423	-4452228.2892	3852968.4322	0.0039	0.0048	0.0042	37	22	49.532535	-118	43	29.202338	3197.7983	1.86	2.04	6.93	3.18	2.63	9.23	-4.53	-19.71	1.24	1.25	0.98	3.61	-2440026.0444	-4452229.5677	3852968.5402	37	22	49.521746	-118	43	29.145384	3198.412	7.29	-5.66	0.07		2007.5548	2014.3466	No	-24.34	3222.752	P723
P724	BirchimCynCS2008	-2424698.2110	-4454409.5569	3857066.6150	0.0033	0.0042	0.0040	37	26	22.115989	-118	33	39.855327	1371.6286	2.09	2.16	6.02	0.94	1.47	4.43	-4.17	-19.19	0.93	0.10	0.18	0.55	-2424697.3131	-4454410.8357	3857066.7229	37	26	22.105089	-118	33	39.798387	1372.245	7.59	-5.10	-0.24	0.130	2008.4986	2017.8233	Yes	-25.685	1397.930	P724
P725	SJExpRangeCN2006	-2527543.5928	-4423070.9982	3825467.0038	0.0039	0.0048	0.0045	37	5	20.021401	-119	44	44.189953	330.9545	2.25	2.28	6.92	0.67	0.67	3.16	-1.53	-21.89	1.44	0.08	0.06	0.31	-2527542.6942	-4423072.2760	3825467.1106	37	5	20.011186	-119	44	44.132696	331.548	10.64	-8.06	0.26	0.147	2006.7986	2017.8233	Yes	-31.124	362.672	P725
P726	WestGardPsCS2006	-2397782.6327	-4481852.3180	3843545.0819	0.0032	0.0040	0.0039	37	16	49.902336	-118	8	48.113336	2202.1349	2.08	2.15	5.73	0.85	1.14	3.15	-5.89	-18.34	0.17	0.08	0.10	0.27	-2397781.7367	-4481853.6000	3843545.1926	37	16	49.891295	-118	8	48.056733	2202.765	5.73	-4.24	-1.00	0.128	2006.8781	2017.8233	Yes	-25.704	2228.469	P726
P727	CoyoteWarpCS2007	-2423185.4224	-4469130.6733	3843218.8237	0.0032	0.0040	0.0039	37	16	24.882126	-118	28	0.389333	2677.2168	2.10	2.14	5.64	1.02	1.58	3.81	-3.60	-20.01	0.58	0.10	0.16	0.37	-2423184.5257	-4469131.9540	3843218.9335	37	16	24.871246	-118	28	0.332581	2677.839	8.13	-5.95	-0.59	0.134	2007.4479	2017.8233	Yes	-25.315	2703.154	P727
P729	Mesa_UnionCS2007	-2566033.1918	-4610997.3346	3570622.5333	0.0032	0.0041	0.0038	34	15	47.094456	-119	5	45.825993	36.0706	2.08	2.06	5.77	2.07	2.07	6.20	17.71	-41.15	-7.31	0.33	0.33	0.86	-2566032.3104	-4610998.6441	3570622.6660	34	15	47.084946	-119	5	45.770998	36.737	29.62	-27.96	-8.42	0.304	2007.0479	2017.8233	Yes	-35.679	72.416	P729
P730	BallardRdgCN2007	-2457631.5915	-4118097.1424	4193651.6715	0.0034	0.0044	0.0043	41	21	33.107822	-120	49	41.707605	1822.4825	2.07	2.10	6.38	0.94	1.08	3.68	-6.98	-17.71	-0.33	0.08	0.10	0.39	-2457630.6664	-4118098.3750	4193651.7357	41	21	33.096874	-120	49	41.646271	1822.964	5.63	-3.00	-1.61	0.127	2007.6973	2017.8233	Yes	-22.317	1845.281	P730
P731	LilJuniperCN2007	-2432862.8085	-4134674.6271	4191141.5686	0.0034	0.0041	0.0041	41	19	57.051655	-120	28	21.950189	1391.2860	2.09	2.06	5.98	0.74	0.87	3.41	-7.04	-17.67	-0.56	0.06	0.10	0.41	-2432861.8844	-4134675.8614	4191141.6343	41	19	57.040521	-120	28	21.889032	1391.776	5.44	-2.91	-1.84	0.127	2007.6945	2017.8233	Yes	-22.216	1413.992	P731
P733	GoldBeach_OR2008	-2664237.2966	-3889083.7377	4282088.2435	0.0034	0.0040	0.0041	42	26	31.255902	-124	24	47.874867	184.5752	2.15	2.02	5.95	1.29	1.07	3.40	-0.83	-8.82	1.29	0.24	0.18	0.45	-2664236.3572	-3889084.9482	4282088.2836	42	26	31.246636	-124	24	47.811026	184.947	12.99	5.53	-0.05	0.061	2008.9221	2017.8233	Yes	-27.462	212.409	P733
P734	Brookings_OR2007	-2671432.0087	-3917162.9039	4252001.7044	0.0032	0.0038	0.0039	42	4	35.884387	-124	17	35.729279	113.3373	2.05	1.96	5.63	1.45	1.61	3.39	-1.80	-11.53	2.16	0.24	0.25	0.39	-2671431.0716	-3917164.1179	4252001.7484	42	4	35.875132	-124	17	35.665842	113.719	11.98	2.77	0.82	0.082	2007.7712	2017.8233	Yes	-28.083	141.802	P734
P740	PathFi082gCS2006	-2381383.2910	-4756346.5027	3510170.4142	0.0049	0.0070	0.0053	33	35	53.501199	-116	35	45.520019	1372.0825	1.94	2.55	9.54	1.47	1.83	6.10	9.37	-29.72	0.47	0.16	0.18	0.59	-2381382.4188	-4756347.8295	3510170.5607	33	35	53.490870	-116	35	45.466742	1372.827	20.39	-16.40	-0.60	0.205	2006.7219	2017.8233	Yes	-31.121	1403.948	P740
P741	SantaR086gCS2006	-2377105.4004	-4761277.9513	3506406.2181	0.0041	0.0057	0.0050	33	33	26.904451	-116	31	51.684594	1371.2720	2.27	2.58	7.85	1.57	1.61	4.41	9.51	-29.41	0.64	0.18	0.16	0.39	-2377104.5285	-4761279.2788	3506406.3652	33	33	26.894111	-116	31	51.631377	1372.019	20.51	-16.10	-0.42	0.203	2007.0068	2017.8233	Yes	-31.167	1403.186	P741
P742	FordRa087gCS2006	-2384663.3959	-4761528.1536	3500552.6707	0.0035	0.0045	0.0040	33	29	43.955523	-116	36	9.271761	1142.6533	1.99	2.17	6.31	1.17	1.13	3.66	12.45	-32.78	0.90	0.14	0.10	0.33	-2384662.5243	-4761529.4815	3500552.8180	33	29	43.945238	-116	36	9.218542	1143.399	23.47	-19.49	-0.16	0.228	2006.8205	2017.8233	Yes	-31.322	1174.721	P742
P744	ImperialVCCS2007	-2310278.7050	-4841771.6322	3438045.3676	0.0035	0.0046	0.0042	32	49	45.775175	-115	30	30.264533	-52.7462	2.20	2.31	6.35	1.42	1.18	3.42	13.59	-24.02	1.95	0.22	0.16	0.35	-2310277.8393	-4841772.9722	3438045.5234	32	49	45.764704	-115	30	30.212306	-51.959	24.21	-10.80	0.92	0.156	2007.3932	2017.8233	Yes	-34.626	-17.333	P744
P781	NoModesto_CN2008	-2607854.7988	-4327946.0669	3879055.7652	0.0036	0.0043	0.0041	37	41	56.333521	-121	4	17.614519	-9.7436	1.97	2.03	6.33	0.59	0.75	2.66	-3.25	-22.73	-0.53	0.10	0.16	0.41	-2607853.8937	-4327947.3335	3879055.8617	37	41	56.323749	-121	4	17.556191	-9.196	9.38	-8.93	-1.74	0.152	2008.5369	2014.3986	No	-32.003	22.807	P781
P782	CholameLSMCS2008	-2610094.5841	-4481677.4647	3700967.9435	0.0039	0.0048	0.0044	35	41	37.751261	-120	12	58.296943	537.9809	2.25	2.28	6.87	0.85	1.48	4.30	11.09	-29.29	1.60	0.10	0.24	0.65	-2610093.6922	-4481678.7546	3700968.0605	35	41	37.741742	-120	12	58.240471	538.590	23.41	-15.87	0.44	0.204	2008.2992	2017.8233	Yes	-33.666	572.256	P782
P786	GasquetAirCN2008	-2659612.4360	-3945890.5081	4232890.2946	0.0037	0.0043	0.0047	41	50	43.743646	-123	58	50.848181	83.9784	2.12	2.02	6.71	1.33	1.32	4.16	-2.43	-12.35	1.31	0.22	0.22	0.55	-2659611.5010	-3945891.7253	4232890.3421	41	50	43.734271	-123	58	50.785084	84.373	11.24	1.95	-0.02	0.085	2008.6380	2017.8233	Yes	-27.206	111.579	P786
P787	SJGrad058gCN2008	-2677916.3058	-4356155.0665	3799665.6513	0.0035	0.0044	0.0041	36	47	58.117505	-121	34	51.005769	113.6403	2.07	2.06	6.32	0.70	0.80	2.98	21.71	-39.12	0.28	0.08	0.10	0.33	-2677915.4046	-4356156.3400	3799665.7536	36	47	58.108257	-121	34	50.947896	114.192	34.51	-25.62	-0.92	0.295	2008.6516	2017.8233	Yes	-33.19	147.382	P787
P788	Gabiln065gCN2008	-2672279.3441	-4364393.3431	3795070.8783	0.0033	0.0041	0.0039	36	44	39.611290	-121	28	43.558030	626.6380	2.04	2.01	5.88	0.93	1.51	3.18	22.51	-38.99	0.65	0.12	0.25	0.37	-2672278.4434	-4364394.6174	3795070.9815	36	44	39.602013	-121	28	43.500248	627.194	35.27	-25.49	-0.55	0.289	2008.6598	2017.8233	Yes	-32.815	660.009	P788
P789	Varian073gCS2008	-2621718.1455	-4455819.9762	3723690.8993	0.0036	0.0046	0.0043	35	56	47.716564	-120	28	18.230967	503.3881	2.12	2.18	6.59	1.06	1.37	3.57	6.45	-23.86	2.15	0.14	0.20	0.39	-2621717.2516	-4455821.2625	3723691.0132	35	56	47.707077	-120	28	18.174202	503.986	18.86	-10.41	0.98	0.166	2008.6571	2017.8233	Yes	-33.301	537.287	P789
P790	Flengt075gCS2008	-2625709.2485	-4454834.9970	3722153.6304	0.0041	0.0052	0.0046	35	55	44.936080	-120	30	55.364670	553.7177	2.18	2.18	7.50	1.02	0.95	3.96	19.33	-35.30	0.96	0.14	0.10	0.43	-2625708.3546	-4454836.2834	3722153.7442	35	55	44.926618	-120	30	55.307898	554.314	31.75	-21.86	-0.21	0.265	2008.6544	2017.8233	Yes	-33.336	587.650	P790
P793	Dinsmr935gCN2008	-2686979.9478	-4048347.2954	4119026.3762	0.0040	0.0046	0.0047	40	28	43.511357	-123	34	23.275284	709.8708	2.25	2.16	7.05	1.92	1.73	3.76	-2.63	-19.91	0.08	0.35	0.33	0.45	-2686979.0213	-4048348.5262	4119026.4380	40	28	43.502086	-123	34	23.213623	710.301	10.89	-5.84	-1.22	0.132	2009.3247	2017.8233	Yes	-28.648	738.949	P793
P794	AnthonyPk2CN2009	-2669019.2001	-4115626.0493	4066183.0390	0.0031	0.0037	0.0037	39	50	44.446127	-122	57	49.531422	2088.6127	1.94	1.95	5.40	2.04	1.89	3.12	-4.57	-23.16	-0.85	0.88	0.76	1.06	-2669018.2787	-4115627.2880	4066183.1092	39	50	44.436706	-122	57	49.470572	2089.071	8.74	-9.14	-2.13		2009.6534	2017.3493	Yes	-27.941	2117.012	P794
P795	Noble_PassCS2009	-2319120.2660	-4723865.8139	3593655.0598	0.0030	0.0038	0.0037	34	30	29.243412	-116	8	53.258535	1095.3169	2.04	2.06	5.35	1.55	0.82	2.83	-7.34	-14.99	-0.31	0.31	0.08	0.33	-2319119.3897	-4723867.1329	3593655.2002	34	30	29.232503	-116	8	53.204920	1096.054	3.53	-1.37	-1.39	0.101	2009.8644	2017.8233	Yes	-31.375	1127.429	P795
P796	SanLuisSW_AZ2010	-2255116.1000	-4889626.2843	3407129.5688	0.0052	0.0073	0.0062	32	29	52.338018	-114	45	33.657349	10.1652	2.47	3.01	10.12	1.67	0.79	3.43	-5.49	-16.30	-0.87	0.37	0.10	0.55	-2255115.2377	-4889627.6312	3407129.7292	32	29	52.327380	-114	45	33.605745	10.978	4.85	-3.09	-1.89		2010.3630	2017.8233	Yes	-34.586	45.564	P796
P797	Sagebrush_CA2010	-2382781.0389	-4759854.0273	3504558.3379	0.0032	0.0044	0.0040	33	32	14.255648	-116	35	33.102189	1403.7890	1.88	2.07	6.17	1.60	1.05	3.46	9.01	-31.70	-0.20	0.31	0.12	0.45	-2382780.1671	-4759855.3548	3504558.4849	33	32	14.245344	-116	35	33.048952	1404.534	20.03	-18.40	-1.26		2010.6151	2017.8233	Yes	-31.206	1435.740	P797
P799	LASWCollegCA2011	-2512123.8542	-4664281.3709	3539804.2955	0.0033	0.0041	0.0039	33	55	39.535394	-118	18	22.868511	24.8375	2.11	2.10	5.77	1.48	1.19	2.91	16.81	-37.19	-0.19	0.35	0.27	0.47	-2512122.9764	-4664282.6872	3539804.4337	33	55	39.525667	-118	18	22.814121	25.531	28.44	-23.99	-1.28		2011.0616	2017.8233	Yes	-35.876	61.407	P799
P800	DorseyHighCA2011	-2512822.0535	-4657257.1161	3548439.6624	0.0042	0.0053	0.0050	34	1	18.085611	-118	20	56.654322	-2.2846	2.53	2.53	7.61	2.62	1.04	3.87	16.72	-37.42	0.82	0.71	0.24	0.84	-2512821.1751	-4657258.4312	3548439.7997	34	1	18.075866	-118	20	56.599850	-1.594	28.37	-24.20	-0.28		2011.0616	2017.8233	Yes	-35.545	33.951	P800
P809	Delano_PlrCA2013	-2531332.3936	-4522470.8670	3705201.9246	0.0036	0.0046	0.0043	35	44	38.038098	-119	14	12.324182	62.6004	2.19	2.23	6.50	2.18	1.61	21.44	1.75	-25.52	-57.50	0.88	0.63	8.74	-2531331.5037	-4522472.1604	3705202.0446	35	44	38.028108	-119	14	12.268134	63.234	13.73	-11.96	-58.65		2013.2014	2017.8233	Yes	-33.271	96.505	P809
P810	Delano_SBMCA2013	-2531327.5905	-4522469.1009	3705206.9946	0.0039	0.0048	0.0045	35	44	38.245282	-119	14	12.191705	62.4073	2.27	2.32	6.92	2.35	1.66	21.59	1.85	-25.49	-57.81	0.94	0.63	8.74	-2531326.7005	-4522470.3944	3705207.1146	35	44	38.235292	-119	14	12.135656	63.041	13.83	-11.93	-58.96		2013.1822	2017.8233	Yes	-33.271	96.312	P810
P811	CalCityPlrCA2013	-2452582.4903	-4609413.0390	3652114.7522	0.0032	0.0041	0.0038	35	9	8.753345	-118	0	59.788732	708.7081	1.99	2.06	5.81	1.34	1.16	3.91	4.10	-20.76	0.14	0.39	0.18	0.88	-2452581.6064	-4609414.3435	3652114.8813	35	9	8.743019	-118	0	59.733699	709.385	15.64	-7.20	-0.98		2013.1986	2017.8233	Yes	-31.556	740.941	P811
P812	CalCitySBMCA2013	-2452574.5470	-4609412.0501	3652120.6846	0.0033	0.0042	0.0039	35	9	8.996731	-118	0	59.530058	708.3593	2.00	2.09	5.91	1.31	1.19	4.14	3.87	-20.60	0.01	0.35	0.16	0.94	-2452573.6631	-4609413.3546	3652120.8138	35	9	8.986405	-118	0	59.475025	709.036	15.41	-7.04	-1.11		2013.1795	2017.8233	Yes	-31.556	740.592	P812
PBHR	PiedrasBlaSW2010	-2691592.7817	-4431697.4746	3702106.5236	0.0034	0.0042	0.0040	35	42	32.234169	-121	16	20.694585	152.2299	1.97	1.96	6.09	1.72	0.79	3.12	25.18	-40.36	0.09	0.51	0.12	0.57	-2691591.8871	-4431698.7603	3702106.6364	35	42	32.225126	-121	16	20.637621	152.811	37.86	-27.09	-1.08		2010.7904	2017.8233	Yes	-34.578	187.389	PBHR
PBL1	Point Blunt 1	-2703286.8423	-4256585.6949	3892573.5994	0.0040	0.0048	0.0044	37	51	10.999601	-122	25	8.226647	-8.0728	2.09	2.10	7.07	1.32	1.42	3.85	10.54	-34.19	-0.49	0.24	0.22	0.57	-2703285.9332	-4256586.9548	3892573.6893	37	51	10.990439	-122	25	8.167626	-7.563	23.63	-20.56	-1.72	0.234	1995.5247	2004.1844	No	-32.432	24.869	PBL1
PBPP	PBPP_SCGN_CS2000	-2464204.9732	-4649642.4517	3593555.0304	0.0034	0.0044	0.0040	34	30	29.618264	-117	55	21.268248	901.9458	1.98	2.09	6.17	1.15	1.12	3.53	7.50	-28.94	0.17	0.08	0.08	0.24	-2464204.0930	-4649643.7633	3593555.1653	34	30	29.608146	-117	55	21.213692	902.638	19.00	-15.54	-0.93	0.194	2001.3137	2017.8233	Yes	-31.81	934.448	PBPP
PERL	Perlite Canyon	-2293867.2356	-4563550.8872	3809496.6252	0.0040	0.0050	0.0046	36	54	6.523864	-116	41	10.943569	1351.4313	2.12	2.39	7.18	0.89	0.80	2.79	-8.48	-15.82	0.04	0.08	0.06	0.20	-2293866.3447	-4563552.1790	3809496.7436	36	54	6.512253	-116	41	10.887997	1352.106	2.61	-1.63	-1.10	0.118	1999.2233	2011.5630	No	-27.338	1379.444	PERL
PHIN	Phinney Canyon	-2319195.0509	-4545018.7550	3816579.9353	0.0034	0.0044	0.0041	36	58	49.329892	-117	2	2.184960	1540.8232	1.98	2.33	6.21	1.25	0.91	3.07	-8.85	-15.59	-0.13	0.24	0.14	0.53	-2319194.1589	-4545020.0446	3816580.0520	36	58	49.318420	-117	2	2.129147	1541.487	2.37	-1.42	-1.27	0.119	2006.4205	2014.2342	No	-27.152	1568.639	PHIN
PHJX	HJ_CucapahMX2011	-2322647.2579	-4858516.5851	3406449.7147	0.0034	0.0045	0.0041	32	29	24.202023	-115	33	1.627850	105.4299	2.23	2.27	6.24	1.93	1.19	3.68	14.97	-30.92	0.33	0.55	0.24	0.69	-2322646.3940	-4858517.9286	3406449.8731	32	29	24.191722	-115	33	1.575802	106.223	25.60	-17.80	-0.70		2011.8233	2017.8233	Yes	-34.316	140.539	PHJX
PHLB	Philips Lab	-2433417.3549	-4636062.0137	3631593.8644	0.0033	0.0041	0.0039	34	55	31.523701	-117	41	40.132007	886.1437	2.06	2.24	5.81	0.84	1.02	2.68	3.34	-21.33	-0.85	0.06	0.06	0.14	-2433416.4730	-4636063.3219	3631593.9966	34	55	31.513318	-117	41	40.077294	886.833	14.77	-7.79	-1.96	0.141	1999.4781	2017.8233	Yes	-31.759	918.592	PHLB
PIN1	Pinyon 1	-2369510.9362	-4761206.8087	3511396.3148	0.0033	0.0042	0.0039	33	36	43.764389	-116	27	29.388128	1256.1777	2.16	2.21	5.82	1.42	1.91	4.61	7.32	-27.64	1.25	0.06	0.06	0.16	-2369510.0642	-4761208.1360	3511396.4616	33	36	43.753993	-116	27	29.334915	1256.925	18.29	-14.30	0.19	0.184	1990.1247	2017.8233	Yes	-31.462	1288.387	PIN1
PIN2	Pinyon 2	-2369466.9258	-4761231.3298	3511396.7994	0.0032	0.0042	0.0039	33	36	43.735370	-116	27	27.436268	1258.3984	2.12	2.17	5.77	1.59	2.07	4.77	7.82	-27.71	0.87	0.08	0.08	0.22	-2369466.0539	-4761232.6571	3511396.9462	33	36	43.724974	-116	27	27.383056	1259.146	18.79	-14.37	-0.19	0.185	1990.2041	2017.8233	Yes	-31.463	1290.609	PIN2
PJZX	Sr_Juarez_MX2011	-2353220.0966	-4849769.3097	3400273.5669	0.0034	0.0043	0.0038	32	25	1.228177	-115	53	1.437968	1335.7222	2.39	2.53	5.68	1.44	1.60	3.76	17.49	-42.05	-0.80	0.39	0.37	0.63	-2353219.2324	-4849770.6525	3400273.7250	32	25	1.218055	-115	53	1.385789	1336.508	28.24	-28.98	-1.83		2011.1137	2017.8233	Yes	-32.706	1369.214	PJZX
PKDB	Parkfield - BARD	-2627227.1322	-4452757.2312	3723620.6375	0.0043	0.0056	0.0049	35	56	42.865994	-120	32	29.626158	589.8955	2.21	2.19	8.01	1.40	1.21	4.43	20.07	-34.51	0.98	0.10	0.08	0.24	-2627226.2381	-4452758.5173	3723620.7512	35	56	42.856539	-120	32	29.569363	590.491	32.50	-21.07	-0.19	0.512	1996.7199	2017.8178	Yes	-33.308	623.799	PKDB
PKRD	PKRD_SCGN_CS2000	-2501961.7168	-4659710.6281	3553097.8134	0.0066	0.0080	0.0068	34	4	17.620264	-118	13	58.467540	130.8439	2.58	3.39	11.62	1.55	1.70	6.21	13.86	-37.86	0.01	0.12	0.10	0.43	-2501960.8383	-4659711.9431	3553097.9507	34	4	17.610449	-118	13	58.413097	131.536	25.47	-24.61	-1.09	0.268	1997.4863	2017.8233	Yes	-34.896	166.432	PKRD
PLO3	Point Loma 3	-2460295.7641	-4778387.6254	3422768.4529	0.0045	0.0057	0.0049	32	39	55.514453	-117	14	34.903064	-22.6054	2.23	2.51	8.11	2.41	1.77	4.10	19.98	-39.42	-1.23	0.47	0.29	0.63	-2460294.8956	-4778388.9598	3422768.6047	32	39	55.504784	-117	14	34.849988	-21.859	31.22	-26.44	-2.28		1996.9385	2006.4342	No	-35.505	13.646	PLO3
PLSB	WOODLAND COOP	-2624237.1359	-4238643.6737	3965079.1802	0.0041	0.0049	0.0046	38	41	6.141188	-121	45	45.205056	-7.8737	2.38	2.16	7.22	4.46	3.05	8.09	-11.07	-22.49	-27.46	3.78	2.59	6.66	-2624236.2237	-4238644.9280	3965079.2654	38	41	6.131462	-121	45	45.145648	-7.363	1.81	-8.56	-28.70		2010.0014	2014.6014	No	-30.73	23.367	PLSB
PMHS	Paramount High S	-2500403.5262	-4672296.8180	3537481.7414	0.0037	0.0048	0.0042	33	54	9.487334	-118	9	13.285195	-11.1680	2.01	2.09	6.70	1.07	0.89	4.62	16.42	-38.90	-1.90	0.18	0.12	0.80	-2500402.6489	-4672298.1352	3537481.8804	33	54	9.477550	-118	9	13.230897	-10.470	28.00	-25.69	-2.99	0.278	1998.5932	2007.8260	No	-35.747	25.277	PMHS
PMOB	Palomar Observat	-2410009.6245	-4758712.0277	3488034.0559	0.0036	0.0047	0.0041	33	21	26.067277	-116	51	34.379672	1662.5201	1.99	2.27	6.47	1.10	1.00	3.28	15.94	-36.59	-0.09	0.08	0.06	0.20	-2410008.7530	-4758713.3560	3488034.2036	33	21	26.057164	-116	51	34.326405	1663.262	27.05	-23.37	-1.15	0.262	1998.8589	2017.8233	Yes	-31.423	1694.685	PMOB
PMTN	Panorama Mountai	-2450649.6848	-4410747.4909	3892150.9823	0.0033	0.0041	0.0039	37	49	52.939103	-119	3	24.951252	2401.6500	2.09	2.08	5.81	2.26	2.65	5.55	-0.50	-22.12	1.82	0.22	0.22	0.43	-2450648.7837	-4410748.7637	3892151.0851	37	49	52.928317	-119	3	24.893780	2402.246	11.44	-8.00	0.63	0.150	2000.0014	2017.8205	Yes	-24.359	2426.605	PMTN
POBG	Polly Butte	-2405931.7582	-4737482.5450	3518168.3300	0.0031	0.0039	0.0037	33	41	13.677040	-116	55	25.498893	982.2292	2.04	2.01	5.51	3.89	9.33	2.70	18.34	-43.42	0.77	5.23	12.54	1.59	-2405930.8848	-4737483.8695	3518168.4747	33	41	13.666814	-116	55	25.445381	982.963	29.48	-30.12	-0.30		2016.0014	2017.8233	Yes	-32.077	1015.040	POBG
POIN	Point of Rocks	-2257896.0594	-4604901.9328	3780581.5088	0.0033	0.0043	0.0038	36	34	46.712561	-116	7	11.434889	916.6367	1.87	2.01	6.01	1.17	0.91	3.20	-8.79	-15.33	-0.13	0.14	0.04	0.25	-2257895.1715	-4604903.2303	3780581.6316	36	34	46.700801	-116	7	11.379854	917.332	2.09	-1.15	-1.25	0.116	1999.2589	2011.2808	No	-27.363	944.695	POIN
POMM	POMM_SCGN_CN1993	-2623159.4767	-4457075.4646	3721349.1125	0.0033	0.0041	0.0039	35	55	11.684690	-120	28	42.383495	597.1436	2.11	2.04	5.84	2.77	2.80	3.19	15.41	-33.20	1.87	0.25	0.25	0.18	-2623158.5829	-4457076.7512	3721349.2266	35	55	11.675215	-120	28	42.326746	597.741	27.82	-19.76	0.70	0.474	1999.6370	2017.8233	Yes	-33.351	631.092	POMM
POTB	Potrero Hills	-2654638.1804	-4258988.6619	3923160.9344	0.0115	0.0101	0.0108	38	12	9.451225	-121	56	7.401830	29.5400	3.57	6.39	17.26	0.72	0.94	3.36	-2.56	-22.84	-0.11	0.12	0.12	0.53	-2654637.2705	-4258989.9203	3923161.0232	38	12	9.441725	-121	56	7.342737	30.056	10.38	-9.05	-1.34	0.153	1998.9411	2005.0973	No	-32.094	62.150	POTB
POTR	Potrero Park	-2407290.6581	-4809162.9696	3418784.5691	0.0033	0.0043	0.0039	32	37	6.285965	-116	35	27.120358	730.2558	2.14	2.19	5.93	0.71	1.06	3.12	17.73	-39.03	-1.02	0.06	0.10	0.24	-2407289.7913	-4809164.3071	3418784.7234	32	37	6.276048	-116	35	27.067667	731.020	28.74	-25.99	-2.06	0.286	2006.1548	2017.8233	Yes	-32.445	763.465	POTR
PPBF	PPBF_SCGN_CS1998	-2422873.0048	-4718027.5587	3531564.2589	0.0034	0.0044	0.0041	33	50	8.619548	-117	10	55.531967	428.0989	2.07	2.14	6.24	1.24	0.86	2.95	13.29	-33.65	0.45	0.10	0.04	0.16	-2422872.1300	-4718028.8806	3531564.4016	33	50	8.609370	-117	10	55.478219	428.823	24.52	-20.34	-0.63	0.235	1998.9630	2017.8233	Yes	-32.602	461.425	PPBF
PPT1	Pigeon Point 1	-2725253.2384	-4295976.9768	3833959.3074	0.0038	0.0046	0.0043	37	11	13.508012	-122	23	23.828530	7.9303	2.15	2.16	6.73	1.27	1.69	3.48	24.20	-40.03	-0.49	0.18	0.25	0.39	-2725252.3330	-4295978.2433	3833959.4032	37	11	13.499030	-122	23	23.770028	8.454	37.27	-26.55	-1.71		1996.0505	2006.4342	No	-33.492	41.946	PPT1
PSAP	Palm Springs Air	-2366365.9442	-4747441.8386	3529854.7262	0.0044	0.0058	0.0050	33	49	9.254855	-116	29	38.381218	86.7586	2.46	2.48	8.06	1.13	1.27	4.23	7.05	-25.22	-0.38	0.08	0.06	0.24	-2366365.0710	-4747443.1636	3529854.8711	33	49	9.244381	-116	29	38.327844	87.501	18.03	-11.83	-1.45	0.167	1999.7438	2016.8566	No	-32.451	119.952	PSAP
PSDM	Puddingstone Res	-2466733.8517	-4677173.1008	3555036.7838	0.0031	0.0039	0.0038	34	5	30.357400	-117	48	25.541786	278.3670	2.04	2.04	5.54	0.86	0.95	3.37	12.40	-35.94	-0.40	0.06	0.06	0.27	-2466732.9742	-4677174.4173	3555036.9224	34	5	30.347391	-117	48	25.487549	279.070	23.86	-22.63	-1.49	0.247	1999.8205	2017.8233	Yes	-33.639	312.709	PSDM
PTAX	PuertaPeakMX2011	-2317887.8207	-4869098.6207	3396424.8790	0.0029	0.0038	0.0036	32	22	38.953777	-115	27	22.812930	1060.3717	2.00	2.02	5.27	1.85	1.44	3.26	16.57	-32.19	-1.66	0.53	0.37	0.71	-2317886.9576	-4869099.9658	3396425.0386	32	22	38.943492	-115	27	22.761010	1061.170	27.17	-19.09	-2.68		2011.3301	2017.2370	No	-34.164	1095.334	PTAX
PTEX	Testerazo_MX2011	-2410066.0790	-4829361.0653	3387696.5439	0.0038	0.0048	0.0043	32	17	18.430238	-116	31	16.455196	340.5829	2.20	2.29	6.74	1.98	0.83	3.71	18.34	-41.63	-1.91	0.57	0.12	0.74	-2410065.2142	-4829362.4069	3387696.7010	32	17	18.420432	-116	31	16.402730	341.355	29.32	-28.67	-2.95		2011.3192	2017.8233	Yes	-33.112	374.467	PTEX
PTRB	Point Reyes Ligh	-2742441.4692	-4219969.7827	3905199.3204	0.0036	0.0042	0.0041	37	59	46.238100	-123	1	7.405432	145.7465	2.09	2.09	6.24	1.05	1.01	3.12	24.34	-37.78	-0.71	0.06	0.06	0.20	-2742440.5578	-4219971.0390	3905199.4066	37	59	46.229191	-123	1	7.346059	146.238	37.64	-24.20	-1.95	0.289	1998.6178	2017.8233	Yes	-33.241	179.479	PTRB
PTRO	Potrero Hills	-2655040.6102	-4258180.6416	3923759.1896	0.0040	0.0048	0.0048	38	12	34.181487	-121	56	39.008154	28.0388	2.21	2.29	7.21	1.96	1.02	3.59	-1.63	-22.93	-1.47	0.61	0.22	0.71	-2655039.7003	-4258181.8998	3923759.2783	38	12	34.171989	-121	56	38.949052	28.554	11.31	-9.14	-2.70		2012.0014	2017.8233	Yes	-32.073	60.627	PTRO
PTSG	PTSG_PNGA_CN1999	-2681055.9165	-3936889.8110	4227633.4978	0.0032	0.0038	0.0039	41	46	57.867828	-124	15	18.722873	-10.1867	2.09	1.99	5.61	0.83	1.03	3.21	-0.62	-9.80	1.86	0.06	0.08	0.20	-2681054.9811	-3936891.0278	4227633.5447	41	46	57.858616	-124	15	18.659735	-9.798	13.14	4.44	0.53	0.070	1999.8205	2017.8233	Yes	-28.862	19.064	PTSG
PVE3	Palos Verdes	-2525524.8661	-4670030.6800	3522844.9173	0.0032	0.0040	0.0038	33	44	35.872801	-118	24	15.334145	71.0454	2.11	2.07	5.59	0.86	0.87	2.91	19.19	-39.62	-0.18	0.08	0.06	0.18	-2525523.9891	-4670031.9978	3522845.0567	33	44	35.863189	-118	24	15.279820	71.740	30.85	-26.48	-1.27	0.282	2000.7309	2017.8233	Yes	-36.274	108.014	PVE3
PVEP	Palos Verdes	-2525523.7822	-4670030.1835	3522843.4789	0.0040	0.0049	0.0044	33	44	35.851149	-118	24	15.306280	69.4545	2.15	2.47	6.94	2.07	2.41	5.45	19.82	-38.65	4.48	0.51	0.59	1.08	-2525522.9052	-4670031.5013	3522843.6182	33	44	35.841537	-118	24	15.251955	70.149	31.48	-25.51	3.39		1993.3795	2000.5943	No	-36.274	106.423	PVEP
PVHS	Peninsula High S	-2521924.1586	-4669621.2780	3526283.9598	0.0033	0.0041	0.0038	33	46	46.039651	-118	22	19.806511	259.5815	2.10	2.08	5.79	1.15	1.17	3.86	18.62	-39.52	0.51	0.12	0.10	0.31	-2521923.2815	-4669622.5955	3526284.0990	33	46	46.030012	-118	22	19.752183	260.276	30.27	-26.37	-0.58	0.285	1999.5110	2017.8233	Yes	-35.983	296.259	PVHS
PVRS	PVRS_SCGN_CS1998	-2517804.4679	-4672046.9152	3525657.4036	0.0044	0.0058	0.0052	33	46	25.911395	-118	19	14.132300	59.8259	2.37	2.43	8.23	1.17	1.05	4.43	18.72	-39.35	-0.06	0.08	0.06	0.29	-2517803.5909	-4672048.2330	3525657.5430	33	46	25.901735	-118	19	14.077999	60.522	30.35	-26.19	-1.15	0.286	1999.0945	2017.8233	Yes	-35.893	96.415	PVRS
QHTP	Quartz Hill Trea	-2486712.7263	-4629001.7678	3604537.6441	0.0035	0.0047	0.0044	34	37	43.252854	-118	14	41.340075	863.0361	2.10	2.18	6.64	1.49	1.55	4.11	8.42	-28.48	0.30	0.08	0.10	0.24	-2486711.8448	-4629003.0768	3604537.7769	34	37	43.242832	-118	14	41.285276	863.717	20.04	-15.08	-0.81	0.193	1999.4918	2017.8233	Yes	-32.085	895.802	QHTP
QUIN	Quincy	-2517231.4035	-4198594.9831	4076531.1737	0.0034	0.0042	0.0041	39	58	28.393253	-120	56	39.951735	1105.7704	1.94	1.98	6.18	2.17	2.32	7.37	-4.61	-21.15	-0.16	0.14	0.16	0.47	-2517230.4860	-4198596.2282	4076531.2504	39	58	28.382747	-120	56	39.891604	1106.277	8.01	-6.78	-1.42	0.139	1993.0205	2017.6616	Yes	-23.893	1130.170	QUIN
RAAP	Ramona Airport	-2422982.2234	-4772396.8702	3458101.6256	0.0031	0.0041	0.0036	33	2	32.051973	-116	55	2.106603	395.0115	1.84	1.99	5.64	0.65	0.75	2.92	17.05	-38.54	-0.68	0.06	0.06	0.22	-2422981.3536	-4772398.2018	3458101.7755	33	2	32.042011	-116	55	2.053482	395.758	28.18	-25.42	-1.74	0.273	2005.0918	2017.8233	Yes	-32.717	428.475	RAAP
RAGG	Ragtown GPS	-2314403.0288	-4713564.4922	3609432.0220	0.0037	0.0048	0.0044	34	40	59.302494	-116	9	5.249197	729.9193	2.21	2.33	6.74	1.32	1.51	2.91	-7.38	-18.50	2.08	1.41	1.88	2.04	-2314402.1515	-4713565.8094	3609432.1609	34	40	59.291512	-116	9	5.195461	730.653	3.49	-4.84	1.00		2016.0014	2017.8233	Yes	-31.506	762.159	RAGG
RAMT	RAMT_SCGN_CS2000	-2420453.8255	-4613541.7815	3669398.8845	0.0032	0.0041	0.0038	35	20	19.371989	-117	41	0.067136	1406.5893	2.06	2.10	5.72	0.86	1.17	2.86	1.21	-19.36	-0.53	0.06	0.10	0.16	-2420452.9413	-4613543.0853	3669399.0133	35	20	19.361444	-117	41	0.012156	1407.271	12.64	-5.70	-1.65	0.129	2000.6844	2017.8233	Yes	-30.826	1438.097	RAMT
RAPT	Reedley Airport	-2518376.5397	-4460528.0591	3787683.6686	0.0038	0.0048	0.0045	36	39	53.720866	-119	26	55.343352	88.9046	2.27	2.31	6.86	4.00	2.88	8.67	-2.03	-21.34	-6.91	1.06	0.67	1.96	-2518375.6442	-4460529.3423	3787683.7800	36	39	53.710653	-119	26	55.286547	89.514	10.03	-7.57	-8.08		2010.7384	2017.8233	Yes	-30.841	120.355	RAPT
RBRU	Ryan Brunetti Ca	-2544781.0763	-4438287.1879	3796046.4993	0.0040	0.0051	0.0047	36	45	32.853669	-119	49	43.208968	59.2924	2.36	2.41	7.26	1.86	1.40	7.96	-1.52	-21.48	-2.63	0.35	0.24	1.67	-2544780.1793	-4438288.4687	3796046.6086	36	45	32.843604	-119	49	43.151913	59.891	10.68	-7.74	-3.81		2005.6945	2017.8233	Yes	-32.165	92.056	RBRU
RCA2	RCA2_SCGN_CS2000	-2609202.7203	-4570711.2367	3592958.2491	0.0034	0.0042	0.0040	34	29	59.936778	-119	43	12.002669	1179.2140	2.08	2.05	6.01	2.19	2.47	3.11	18.08	-41.59	0.90	0.20	0.24	0.22	-2609201.8362	-4570712.5410	3592958.3778	34	29	59.927462	-119	43	11.947234	1179.859	30.21	-28.41	-0.23		2000.7391	2017.8233	Yes	-34.668	1214.527	RCA2
RDMT	RDMT_SCGN_CS1999	-2354751.7858	-4697274.0323	3606453.5608	0.0029	0.0038	0.0034	34	38	38.185327	-116	37	28.879809	1783.0041	1.79	1.95	5.28	0.81	1.41	3.00	-1.29	-21.53	0.63	0.04	0.10	0.16	-2354750.9078	-4697275.3478	3606453.6988	34	38	38.174580	-116	37	28.825853	1783.726	9.75	-7.93	-0.46	0.132	1999.8973	2017.8233	Yes	-30.945	1814.671	RDMT
RDOM	Resurgent Dome	-2443476.6051	-4426725.4761	3878614.5708	0.0033	0.0041	0.0039	37	40	37.444243	-118	53	52.602208	2417.4695	2.06	2.03	5.86	2.14	3.44	18.99	-2.83	-19.74	4.77	0.20	0.33	1.98	-2443475.7051	-4426726.7511	3878614.6755	37	40	37.433432	-118	53	52.544933	2418.073	9.06	-5.64	3.59	0.145	1999.1055	2017.8233	Yes	-24.924	2442.997	RDOM
RELA	Relay	-2288700.1499	-4579550.0948	3792622.0906	0.0027	0.0035	0.0032	36	42	55.358867	-116	33	15.449544	839.2297	1.53	1.77	4.90	0.97	0.82	2.62	-8.40	-15.66	-0.24	0.12	0.04	0.22	-2288699.2604	-4579551.3891	3792622.2110	36	42	55.347261	-116	33	15.394174	839.911	2.64	-1.50	-1.37	0.117	1999.2233	2010.0644	No	-28.055	867.966	RELA

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)
REP2	Repository 2	-2278350.5792	-4575997.8192	3804123.6476	0.0038	0.0048	0.0044	36	50	25.592231	-116	28	5.969218	1479.0575
REP3	Repository 3	-2278311.1387	-4575955.1481	3804196.5164	0.0038	0.0048	0.0044	36	50	28.568247	-116	28	5.311992	1478.1106
REP4	Repository 4	-2277906.4931	-4575550.6866	3804882.3669	0.0038	0.0049	0.0044	36	50	56.917967	-116	27	57.968814	1455.3128
REPO	Repository	-2278354.9715	-4576002.7006	3804115.8641	0.0028	0.0035	0.0032	36	50	25.267161	-116	28	6.040086	1479.4545
RHCG	Rose Hills Cemet	-2486228.9976	-4673288.8312	3546719.0660	0.0037	0.0048	0.0043	34	0	3.253072	-118	0	48.072022	338.7048
RHCL	RHCL_SCGN_CS1998	-2486682.5128	-4671619.9910	3548297.3222	0.0039	0.0049	0.0045	34	1	8.587165	-118	1	34.226192	176.8706
RKMG	Ramakrishna Mona	-2462590.9870	-4708614.4317	3516632.4404	0.0034	0.0043	0.0039	33	40	26.854771	-117	36	33.947880	377.5882
RMVJ	RanchoMissCA2012	-2463394.9156	-4721002.1649	3499097.1596	0.0033	0.0042	0.0039	33	29	8.921875	-117	33	19.165604	136.3836
RNCH	RNCH_SCGN_CN2001	-2627525.1697	-4456235.3410	3719700.8031	0.0038	0.0047	0.0045	35	53	59.985991	-120	31	29.389362	838.8197
RNO1	NW RENO COOP	-2454846.3781	-4271555.1358	4039524.5140	0.0037	0.0046	0.0045	39	32	16.465181	-119	53	8.942748	1530.6443
ROCH	Pinemeadow	-2382183.7638	-4755084.7187	3511367.9249	0.0040	0.0050	0.0043	33	36	39.690785	-116	36	35.188234	1393.7514
ROCK	Rocketdyne	-2533220.4845	-4631543.1508	3568400.6669	0.0033	0.0041	0.0039	34	14	8.433194	-118	40	35.165383	553.3889
ROCP	Rocky Ridge	-2678358.3912	-4275809.0856	3889723.6990	0.0034	0.0041	0.0040	37	48	59.102864	-122	3	46.612539	582.0214
ROGE	Roger's Peak	-2346799.3406	-4588916.6610	3749505.5834	0.0046	0.0057	0.0048	36	13	4.357083	-117	5	7.703631	3016.4620
RSTP	RSTP_SCGN_CS1999	-2475098.9882	-4617408.5283	3626913.6264	0.0035	0.0045	0.0042	34	52	30.292403	-118	11	34.540502	712.7185
RSVY	RSVY_SCGN_CS2000	-2565016.1263	-4592484.4746	3596642.7874	0.0036	0.0045	0.0041	34	32	29.318204	-119	11	3.977634	987.4059
RTHS	Rialto High Scho	-2429709.5403	-4696743.0596	3554824.7787	0.0034	0.0044	0.0040	34	5	20.944893	-117	21	12.014359	328.6573
RUMP	Pahrump	-2247120.6311	-4634252.7606	3752048.0056	0.0029	0.0038	0.0035	36	15	24.862009	-115	52	6.459404	1406.1415
RYAN	Ryan	-2308336.4321	-4599595.4326	3757289.0766	0.0042	0.0053	0.0048	36	18	58.618738	-116	39	0.285665	1286.1792
S300	S300_BARD_CN1998	-2645887.4733	-4307855.6076	3876512.1493	0.0033	0.0040	0.0039	37	39	59.425741	-121	33	29.774952	495.7480
SA63	SA63	-2227875.2792	-4889593.2457	3424997.0726	0.0056	0.0085	0.0066	32	41	20.043448	-114	29	44.604380	45.5876
SACY	Santa Ana Corp.	-2483934.3200	-4692210.4967	3522794.4445	0.0039	0.0053	0.0046	33	44	35.687838	-117	53	44.094128	-11.2881
SAOB	San Andreas Geop	-2669035.6045	-4364494.9947	3796775.7920	0.0032	0.0041	0.0039	36	45	55.100938	-121	26	49.882604	359.8273
SAWC	Saw	-2447329.2652	-4423622.2614	3879755.8069	0.0036	0.0043	0.0042	37	41	23.627416	-118	57	11.404188	2440.3123
SBCC	SBCC_SCGN_CS1999	-2470209.4542	-4712749.2827	3505283.8731	0.0038	0.0049	0.0045	33	33	10.805198	-117	39	41.364067	88.6718
SBRB	San Bruno Replac	-2708753.1397	-4266526.3882	3877953.0268	0.0049	0.0062	0.0064	37	41	11.219742	-122	24	39.049202	-13.2213
SBRN	San Bruno	-2708736.2812	-4266565.9053	3877939.6106	0.0047	0.0056	0.0055	37	41	10.393022	-122	24	37.603860	-2.1725
SCCP	Stonebrae Countr	-2679670.0166	-4288024.2161	3875177.0553	0.0033	0.0039	0.0038	37	39	6.642332	-122	0	7.441269	419.3097
SCIA	SCIA_SCGN_CS1999	-2417842.3602	-4666822.2661	3602580.8705	0.0030	0.0039	0.0037	34	36	26.809006	-117	23	17.892981	831.4399
SCIP	San Clemente Isl	-2556588.0348	-4711013.4130	3446241.7608	0.0031	0.0039	0.0037	32	54	51.944564	-118	29	16.591995	452.8521
SCMS	Shorecliffs Midd	-2471060.3353	-4719764.9128	3495179.1661	0.0045	0.0057	0.0049	33	26	38.908933	-117	38	4.441827	23.2892
SDHL	SDHL_SCGN_CS2001	-2336821.8058	-4732586.6911	3570332.3023	0.0032	0.0042	0.0039	34	15	18.038807	-116	16	44.037929	835.0627
SFDM	Santa Felicia Da	-2532676.7745	-4615598.5604	3588781.4486	0.0036	0.0046	0.0041	34	27	35.302716	-118	45	16.236250	291.5182
SGDM	San Gabriel Dam	-2467932.1937	-4668655.6093	3565569.9301	0.0035	0.0047	0.0042	34	12	20.266284	-117	51	42.140270	420.7461
SGHS	San Gabriel High	-2491357.5377	-4664138.3977	3554637.1430	0.0052	0.0065	0.0058	34	5	19.056890	-118	6	32.330057	79.8402
SGPS	San Gorgonio Pas	-2380617.8695	-4734219.2616	3538665.4188	0.0039	0.0051	0.0047	33	54	45.131319	-116	41	44.478128	476.7261
SHIN	SHIN_BRGN_CN1996	-2442114.7242	-4191757.3604	4128992.0252	0.0036	0.0045	0.0043	40	35	30.041446	-120	13	30.165526	1377.3311
SHN5	SHANDON REST ARE	-2620867.3021	-4476631.9974	3699065.7695	0.0035	0.0043	0.0041	35	40	27.277861	-120	20	49.415110	301.6615
SHOS	SHOS_BRGN_CS1999	-2289859.8829	-4633385.7318	3725960.9861	0.0030	0.0040	0.0036	35	58	16.840807	-116	17	56.351442	582.4079
SHP5	SAN LUIS OBISPO	-2659360.6592	-4483991.7815	3662249.5538	0.0035	0.0044	0.0041	35	16	7.081007	-120	40	16.618340	16.6187
SHRC	Sherwin	-2448846.0302	-4427739.0925	3873991.9827	0.0033	0.0041	0.0041	37	37	29.776024	-118	56	44.265004	2352.1530
SIBE	Siberia	-2304715.2662	-4722106.2389	3603849.4011	0.0047	0.0066	0.0059	34	37	27.328302	-116	0	56.104126	362.5146
SILK	Silver Lake Rese	-2503548.6584	-4656625.7296	3555959.6415	0.0037	0.0045	0.0041	34	6	10.307448	-118	15	49.948916	106.2168
SIMM	San Luis Obispo	-2604058.4071	-4510760.2843	3670044.9589	0.0034	0.0043	0.0040	35	21	4.005899	-119	59	52.103045	583.5619
SIO3	Scripps 3	-2455457.1401	-4767480.1240	3441383.9453	0.0027	0.0036	0.0031	32	51	52.937609	-117	15	1.488452	34.8550
SIO5	Scripps 5 - Mt.	-2456115.4220	-4768905.5240	3439232.5732	0.0031	0.0040	0.0036	32	50	26.649511	-117	14	58.895220	185.5186
SKUL	Skull Mountain	-2260889.6375	-4592583.9909	3794201.4099	0.0033	0.0042	0.0039	36	43	49.635735	-116	12	38.257169	1237.3131
SKYB	SKYB_SCGN_CS1999	-2511147.3050	-4629073.9636	3586973.0828	0.0039	0.0053	0.0046	34	26	19.048582	-118	28	43.077714	520.2433
SLAC	SLAC_BARD_CN2002	-2703116.2326	-4291766.8814	3854248.0305	0.0039	0.0048	0.0045	37	24	59.466562	-122	12	15.360996	63.6841
SLI4	Slide Mountain	-2463119.6428	-4286215.4664	4021210.7061	0.0037	0.0046	0.0044	39	18	51.397643	-119	53	3.445095	2902.5428
SLID	SLID_BRGN_NV1997	-2463119.6408	-4286215.4651	4021210.6975	0.0034	0.0042	0.0041	39	18	51.397472	-119	53	3.445052	2902.5357
SLMS	SLMS_SCGN_CS1999	-2337607.0285	-4797512.2702	3481069.7139	0.0035	0.0047	0.0042	33	17	32.019953	-115	58	40.238635	-45.9271
SMYC	Angel Peak (Spri	-2222991.6442	-4642343.4401	3758340.9886	0.0032	0.0041	0.0037	36	19	10.527188	-115	35	14.946333	2562.7446
SNHS	Sonora High Scho	-2481345.4965	-4680788.4673	3539798.9556	0.0044	0.0058	0.0050	33	55	38.418492	-117	55	43.073228	66.4300
SNI1	San Nicolas Isla	-2631347.1854	-4646278.2840	3477113.6356	0.0032	0.0040	0.0039	33	14	52.356898	-119	31	27.730711	239.6527
SNOG	Snow Peak	-2387133.4749	-4724124.4434	3550979.4890	0.0096	0.0135	0.0118	34	2	6.763192	-116	48	28.053130	2314.6829
SODB	Soda Springs - B	-2691487.0316	-4319764.2728	3832721.2791	0.0057	0.0068	0.0062	37	9	59.061527	-121	55	31.883385	985.5389
SOMT	SOMT_SCGN_CS2000	-2561925.0884	-4609620.5502	3576074.8789	0.0030	0.0036	0.0036	34	19	11.786259	-119	3	51.612000	464.2407
SONG	San_OnofreCA2012	-2466718.6552	-4726378.3944	3489295.8836	0.0032	0.0041	0.0038	33	22	50.700838	-117	33	36.948603	-2.9408
SPK1	Fire Camp-8	-2535992.2125	-4642434.7109	3552148.4022	0.0033	0.0042	0.0039	34	3	33.639072	-118	38	46.194874	440.1340
SPMS	SPMS_SCGN_CS1998	-2472983.3569	-4680766.7302	3545886.8676	0.0033	0.0043	0.0039	33	59	33.558851	-117	50	55.603975	207.0314
SRB1	Seismic Replacem	-2691237.7024	-4262556.3190	3894478.8090	0.0034	0.0041	0.0041	37	52	27.690029	-122	16	1.075795	54.6535
SRS1	SRS1_SCGN_CS2000	-2651739.4848	-4580896.3867	3546883.5839	0.0064	0.0080	0.0070	34	0	15.615471	-120	3	54.810399	68.2098
STEA	STEAD COOP	-2451598.4157	-4266272.6207	4047027.5917	0.0039	0.0049	0.0047	39	37	31.953832	-119	53	1.233213	1534.2203
STRI	Striped Hills	-2273528.7220	-4592506.4836	3786437.8866	0.0030	0.0038	0.0035	36	38	40.635698	-116	20	16.061963	1029.8534
SUAA	Stanford	-2700404.3280	-4292605.3206	3855137.4851	0.0033	0.0039	0.0037	37	25	36.868657	-122	10	23.856267	20.3870
SUTB	Sutter Buttes	-2609623.3538	-4205514.3645	4010439.7163	0.0044	0.0052	0.0051	39	12	21.008530	-121	49	14.166614	616.5496
SVIN	St Vincents	-2704640.6370	-4241134.3848	3908328.5026	0.0034	0.0041	0.0040	38	1	59.449169	-122	31	34.761635	-27.5620
SWEP	Sweeney Ridge	-2715115.5217	-4268829.1400	3871604.0683	0.0035	0.0043	0.0041	37	36	42.065037	-122	27	27.720103	349.2999
T3RP	Mt Tamalpais Mid	-2713420.1293	-4244772.9409	3899583.8666	0.0032	0.0037	0.0038	37	55	40.403777	-122	35	17.732838	732.3734
TABL	Table Mountain	-2448550.3389	-4668098.9090	3582741.0797	0.0035	0.0045	0.0040	34	22	54.658222	-117	40	41.827065	2228.0241
TABV	Table Mountain	-2448550.3364	-4668098.9086	3582741.0786	0.0034	0.0044	0.0040	34	22	54.658220	-117	40	41.826985	2228.0223
TAFT	Taft Maintenance	-2569609.9578	-4544514.3057	3652245.1672	0.0036	0.0045	0.0042	35	9	23.563003	-119	29	6.613209	287.0795
TATE	Tates Wash	-2284024.7103	-4566211.3259	3812106.5887	0.0030	0.0039	0.0035	36	55	53.815553	-116	34	27.393714	1293.2911
TBLP	TBLP_SCGN_CN2001	-2614188.3894	-4462851.3399	3721323.9942	0.0042	0.0051	0.0047	35	55	2.679840	-120	21	37.219988	937.5204
TEHA	Tehachapi Mainte	-2489431.0745	-4590731.2302	3651532.6434	0.0035	0.0044	0.0041	35	8	35.013458	-118	28	11.264541	1174.6137
THAL	Thales Navigatio	-2685244.0765	-4308074.1698	3848472.9579	0.0033	0.0039	0.0037	37	21	5.355159	-121	56	7.773461	-2.4835
THCP	TCHP_SCGN_CS2000	-2484731.4888	-4592622.2244	3653179.8812	0.0033	0.0041	0.0039	35	9	29.457248	-118	24	52.465731	1652.3954
THMG	Thermal Canyon	-2336318.7820	-4773816.4739	3514273.4950	0.0035	0.0046	0.0041	33	39	2.303444	-116	4	38.106420	33.6245
THMS	ThurstonMSCA2013	-2479002.3466	-4708457.7111	3505028.5190	0.0034	0.0043	0.0040	33	32	58.696130	-117	46	0.476047	189.2172
TIBB	Tiburon Peninsul	-2704027.0807	-4253049.7943	3895879.3521	0.0034	0.0044	0.0042	37	53	27.154851	-122	26	51.381975	-21.0934
TILC	Tilla	-2442573.4293	-4431501.7514	3873345.8193	0.0033	0.0041	0.0041	37	37	7.993769	-118	51	46.283068	2165.2983
TIVA	Tiva Canyon	-2256689.4895	-4580202.2491	3812838.6363	0.0027	0.0035	0.0033	36	56	5.454291	-116	13	46.947835	2034.1711
TJRN	TJRN_SCGN_CS2000	-2642144.5712	-4551973.3251	3590870.1081	0.0034	0.0042	0.0039	34	29	0.512850	-120	7	57.241794	157.1673
TMAP	Thermal Airport	-2343467.0260	-4770861.4213	3513350.3680	0.0035	0.0045	0.0041	33	38	28.484013	-116	9	37.667763	-66.9197
TONO	TONO_BRGN_NV1999	-2296771.4942	-4472097.1745	3915214.2617	0.0030	0.0039	0.0037	38	5	49.895120	-117	11	2.553495	2066.0204
TORP	Torrance Airport	-2517894.8258	-4670259.6310	3527827.7691	0.0036	0.0047	0.0042	33	47	52.078658	-118	19	50.187049	-5.2138
TOST	TOST_SCGN_CS1999	-2545682.1580	-4623567.0023	3569369.9353	0.0033	0.0041	0.0039	34	14	52.646330	-118	50	12.006907	274.3531
TRAK	Bommer Canyon	-2480029.6188	-4703110.4821	3511298.7681	0.0035	0.0047	0.0041	33	37	4.571728	-117	48	12.379992	115.5328
TRCP	TamaranchoCS2010	-2712686.6381	-4239124.1560	3905352.6667	0.0034	0.0040	0.0040	37	59	50.728199	-122	36	57.095686	217.6191

STATION	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N(	wrms_E(	wrms_U(	ITRF_N Vel(	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig(	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)
REP2	2.17	2.36	6.78	0.75	0.63	2.24	-8.77	-15.57	-0.53	0.16	0.12	0.43	-2278349.6891	-4575999.1125	3804123.7672
REP3	2.16	2.36	6.76	0.74	0.61	2.28	-8.74	-15.60	-0.11	0.16	0.10	0.45	-2278310.2486	-4575956.4413	3804196.6360
REP4	2.16	2.36	6.91	0.78	0.63	2.30	-8.80	-15.42	-0.21	0.18	0.12	0.43	-2277905.6030	-4575551.9798	3804882.4864
REPO	1.56	1.80	4.99	1.11	0.82	2.56	-8.62	-15.75	-0.05	0.16	0.08	0.24	-2278354.0815	-4576003.9939	3804115.9837
RHCG	2.22	2.37	6.66	1.10	1.43	3.98	15.84	-36.41	-2.45	0.37	0.39	1.41	-2486228.1200	-4673290.1478	3546719.2046
RHCL	2.06	2.23	7.01	1.94	1.30	3.56	14.21	-37.67	-0.11	0.16	0.10	0.25	-2486681.6351	-4671621.3074	3548297.4606
RKMG	2.11	2.11	6.01	4.82	9.32	3.73	14.72	-42.13	0.90	6.66	12.88	2.70	-2462590.1122	-4708615.7535	3516632.5830
RMVJ	2.12	2.14	5.96	1.18	0.81	3.27	18.05	-37.99	-0.76	0.35	0.16	0.73	-2463394.0419	-4721003.4890	3499097.3038
RNCH	2.23	2.18	6.86	1.98	2.95	3.63	19.11	-35.02	1.17	0.18	0.27	0.29	-2627524.2759	-4456236.6276	3719700.9172
RNO1	2.27	2.22	6.65	1.61	1.80	4.38	-6.46	-19.47	1.30	0.29	0.31	0.59	-2454845.4654	-4271556.3890	4039524.5985
ROCH	2.05	2.22	7.04	1.43	2.46	5.60	10.10	-29.45	0.80	0.16	0.24	0.59	-2382182.8915	-4755086.0454	3511368.0713
ROCK	2.11	2.15	5.81	1.51	1.21	3.68	17.86	-37.92	0.56	0.10	0.08	0.20	-2533219.6041	-4631544.4622	3568400.8014
ROCP	2.06	2.20	5.91	2.22	1.89	2.84	6.05	-26.20	-0.86	0.74	0.59	0.47	-2678357.4832	-4275810.3472	3889723.7907
ROGE	2.38	2.61	8.01	1.14	1.43	3.63	-6.05	-16.78	-0.20	0.16	0.18	0.49	-2346798.4528	-4588917.9580	3749505.7068
RSTP	2.10	2.15	6.36	0.81	0.97	3.04	5.04	-23.19	-0.37	0.04	0.06	0.16	-2475098.1054	-4617409.8350	3626913.7573
RSVY	2.08	2.09	6.41	1.77	1.06	4.17	12.54	-38.50	1.00	0.14	0.08	0.27	-2565015.2431	-4592485.7806	3596642.9177
RTHS	2.18	2.22	6.10	1.09	0.91	3.74	11.63	-31.73	-1.08	0.06	0.04	0.24	-2429708.6637	-4696744.3780	3554824.9188
RUMP	1.84	1.96	5.29	1.02	0.76	2.75	-8.76	-15.30	0.12	0.25	0.10	0.43	-2247119.7455	-4634254.0623	3752048.1319
RYAN	2.32	2.56	7.47	1.11	1.01	2.79	-8.00	-15.62	-0.44	0.12	0.06	0.20	-2308335.5446	-4599596.7305	3757289.2002
S300	2.03	2.02	5.80	0.86	0.91	3.02	-2.17	-23.06	0.32	0.06	0.06	0.20	-2645886.5673	-4307856.8725	3876512.2442
SA63	3.01	3.94	11.03	1.74	3.49	6.27	-7.07	-13.22	-1.41	0.20	0.31	0.73	-2227874.4163	-4889594.5916	3424997.2323
SACY	2.25	2.45	7.33	3.66	3.14	16.25	16.29	-38.15	-4.60	0.33	0.25	1.57	-2483933.4442	-4692211.8166	3522794.5856
SAOB	1.99	1.97	5.88	1.62	1.91	3.32	23.00	-39.85	0.43	0.14	0.16	0.16	-2669034.7037	-4364496.2690	3796775.8951
SAWC	2.06	2.11	6.33	2.62	6.16	18.02	-2.53	-22.46	3.30	0.27	0.73	2.14	-2447328.3651	-4423623.5361	3879755.9113
SBCC	2.13	2.28	6.97	0.88	0.74	3.13	17.90	-38.08	-0.74	0.08	0.04	0.20	-2470208.5799	-4712750.6057	3505284.0165
SBRB	2.35	2.36	9.60	2.43	2.21	7.48	17.50	-33.05	-0.76	0.43	0.37	1.16	-2708752.2315	-4266527.6497	3877953.1182
SBRN	2.40	2.32	8.49	2.24	1.96	7.04	15.19	-32.87	0.97	0.43	0.39	1.41	-2708735.3731	-4266567.1669	3877939.7020
SCCP	2.02	2.16	5.64	1.13	0.91	2.88	7.25	-27.45	-0.37	0.31	0.22	0.45	-2679669.1096	-4288025.4795	3875177.1487
SCIA	1.97	1.98	5.47	0.65	0.83	2.97	4.07	-24.03	-0.42	0.04	0.04	0.16	-2417841.4807	-4666823.5789	3602581.0062
SCIP	2.11	2.18	5.42	0.87	0.96	3.19	22.88	-41.86	-0.30	0.06	0.06	0.20	-2556587.1622	-4711014.7394	3446241.9066
SCMS	2.32	2.65	8.05	2.24	1.57	4.19	16.86	-37.76	2.54	0.59	0.33	0.80	-2471059.4616	-4719766.2371	3495179.3104
SDHL	2.03	2.10	5.93	0.73	0.87	2.74	-1.75	-16.44	1.32	0.04	0.06	0.14	-2336820.9306	-4732588.0123	3570332.4444
SFDM	2.06	2.09	6.57	1.29	0.93	3.73	12.98	-36.62	1.43	0.10	0.04	0.22	-2532675.8927	-4615599.8692	3588781.5809
SGDM	1.94	2.11	6.63	1.88	1.24	4.27	11.09	-35.16	0.03	0.27	0.14	0.45	-2467931.3154	-4668656.9244	3565570.0676
SGHS	2.45	2.61	9.50	0.99	2.44	3.53	13.64	-37.25	-1.63	0.16	0.51	0.51	-2491356.6594	-4664139.7130	3554637.2806
SGPS	2.23	2.40	7.28	2.19	2.04	5.24	7.27	-25.46	0.94	0.24	0.22	0.41	-2380616.9954	-4734220.5847	3538665.5624
SHIN	2.19	2.17	6.51	0.84	1.12	3.25	-6.59	-18.64	0.18	0.04	0.06	0.16	-2442113.8049	-4191758.6024	4128992.0988
SHN5	2.17	2.15	6.17	0.94	0.78	3.03	16.95	-34.83	4.60	0.73	0.37	2.41	-2620866.4100	-4476633.2871	3699065.8861
SHOS	1.79	1.97	5.54	1.01	0.94	3.12	-8.24	-15.59	-0.05	0.06	0.04	0.14	-2289858.9981	-4633387.0348	3725961.1137
SHP5	2.16	2.16	6.26	1.15	0.91	4.67	23.77	-39.81	5.67	0.31	0.16	1.53	-2659359.7685	-4483993.0741	3662249.6725
SHRC	2.05	2.06	5.98	5.38	2.22	7.87	-8.50	-23.60	6.04	1.43	0.47	1.78	-2448845.1305	-4427740.3679	3873992.0877
SIBE	2.54	2.90	9.26	3.70	1.68	3.47	-8.29	-16.93	0.56	0.94	0.35	0.53	-2304714.3895	-4722107.5573	3603849.5408
SILK	2.07	2.12	6.45	1.75	1.36	3.49	13.36	-38.56	-0.08	0.18	0.12	0.25	-2503547.7797	-4656627.0441	3555959.7785
SIMM	2.11	2.13	6.12	1.83	2.38	3.64	13.36	-35.52	2.71	0.86	1.18	1.35	-2604057.5176	-4510761.5787	3670045.0796
SIO3	1.57	1.67	4.95	2.09	1.85	6.28	18.18	-39.35	-0.35	0.20	0.16	0.47	-2455456.2705	-4767481.4562	3441384.0956
SIO5	1.86	1.96	5.59	0.81	0.72	2.80	18.58	-39.28	-0.62	0.08	0.04	0.20	-2456114.5525	-4768906.8564	3439232.7236
SKUL	1.92	2.06	6.00	1.16	0.96	2.91	-8.78	-15.58	-0.18	0.12	0.06	0.22	-2260888.7485	-4592585.2864	3794201.5312
SKYB	2.19	2.30	7.37	2.21	2.63	4.05	10.78	-34.61	0.75	0.27	0.29	0.37	-2511146.4240	-4629075.2737	3586973.2164
SLAC	2.24	2.38	6.85	1.10	1.39	4.16	16.23	-34.43	0.05	0.10	0.10	0.33	-2703115.3265	-4291768.1464	3854248.1251
SLI4	2.00	2.13	6.77	1.10	1.54	4.50	-4.25	-20.50	0.77	0.33	0.49	1.37	-2463118.7314	-4286216.7216	4021210.7928
SLID	2.17	2.15	6.06	1.97	2.03	4.87	-4.55	-20.43	0.83	0.18	0.14	0.35	-2463118.7294	-4286216.7202	4021210.7842
SLMS	2.21	2.31	6.43	0.93	1.21	3.81	6.34	-24.36	0.03	0.04	0.06	0.20	-2337606.1593	-4797513.6032	3481069.8646
SMYC	1.92	2.00	5.71	1.36	1.48	4.08	-8.87	-15.43	0.22	0.14	0.12	0.35	-2222990.7589	-4642344.7423	3758341.1154
SNHS	2.35	2.64	8.08	0.87	1.08	3.46	15.64	-37.20	-0.04	0.06	0.08	0.22	-2481344.6196	-4680789.7852	3539799.0951
SNI1	2.08	2.01	5.76	1.27	1.58	3.69	23.81	-42.29	-0.78	0.08	0.10	0.22	-2631346.3085	-4646279.6024	3477113.7749
SNOG	1.67	2.99	20.05	2.40	1.77	6.18	4.67	-25.01	-0.72	0.45	0.24	1.02	-2387132.5999	-4724125.7646	3550979.6315
SODB	2.27	2.42	10.26	2.22	1.83	5.99	15.20	-33.60	-2.11	0.20	0.14	0.51	-2691486.1275	-4319765.5412	3832721.3770
SOMT	2.03	1.97	5.16	1.23	0.78	2.90	18.21	-39.20	-1.09	0.12	0.04	0.18	-2561924.2068	-4609621.8592	3576075.0114
SONG	2.11	2.11	5.74	1.12	0.72	3.04	19.13	-38.85	-0.96	0.33	0.14	0.63	-2466717.7821	-4726379.7197	3489296.0287
SPK1	2.12	2.15	5.91	1.12	0.98	3.24	18.26	-39.33	0.69	0.06	0.04	0.14	-2535991.3332	-4642436.0243	3552148.5383
SPMS	2.04	2.09	6.02	1.25	0.78	3.27	13.46	-36.59	-0.47	0.10	0.04	0.20	-2472982.4797	-4680768.0476	3545887.0069
SRB1	2.07	2.00	6.03	2.50	1.54	3.65	12.29	-29.34	-1.44	0.39	0.18	0.45	-2691236.7935	-4262557.5793	3894478.8993
SRS1	3.10	3.07	11.64	1.14	1.03	3.50	24.04	-41.95	-0.45	0.10	0.06	0.22	-2651738.6025	-4580897.6949	3546883.7152
STEA	2.36	2.30	7.08	2.23	1.94	4.98	-5.46	-19.52	0.08	0.37	0.31	0.82	-2451597.5026	-4266273.8730	4047027.6754
STRI	1.79	1.94	5.30	0.97	0.77	2.49	-8.48	-15.46	-0.23	0.12	0.04	0.18	-2273527.8333	-4592507.7794	3786438.0082
SUAA	1.90	1.89	5.72	1.58	1.56	4.48	15.01	-33.70	-0.46	0.55	0.39	1.27	-2700403.4219	-4292606.5856	3855137.5797
SUTB	2.87	2.76	7.52	1.42	1.05	4.05	-4.60	-22.79	-0.68	0.10	0.06	0.25	-2609622.4386	-4205515.6136	4010439.7967
SVIN	1.97	1.93	6.04	1.02	1.16	3.89	12.53	-31.30	-1.08	0.08	0.10	0.35	-2704639.7266	-4241135.6425	3908328.5905
SWEP	2.10	2.07	6.23	1.45	1.41	3.11	20.05	-35.19	-1.50	0.41	0.33	0.67	-2715114.6139	-4268830.4021	3871604.1601
T3RP	2.02	2.05	5.45	2.00	0.90	3.01	16.19	-32.56	-1.87	0.61	0.14	0.57	-2713419.2194	-4244774.1993	3899583.9552
TABL	2.16	2.15	6.27	1.39	1.24	4.00	8.45	-29.99	0.57	0.08	0.06	0.18	-2448549.4600	-4668100.2228	3582741.2165
TABV	2.15	2.14	6.17	1.77	1.34	3.97	8.54	-29.91	0.78	0.67	0.39	1.06	-2448549.4575	-4668100.2225	3582741.2155
TAFT	2.19	2.24	6.44	1.28	1.12	3.89	7.26	-28.59	3.04	0.45	0.35	1.55	-2569609.0705	-4544515.6042	3652245.2912
TATE	1.75	1.89	5.47	1.22	0.82	2.77	-8.67	-15.59	0.03	0.14	0.06	0.22	-2284023.8195	-4566212.6178	3812106.7072
TBLP	2.16	2.23	7.44	1.57	1.31	3.75	6.65	-25.18	1.43	0.14	0.10	0.27	-2614187.4959	-4462852.6270	3721324.1088
TEHA	2.21	2.26	6.25	1.74	1.60	4.10	1.83	-22.34	5.96	0.51	0.45	0.86	-2489430.1897	-4590732.5329	3651532.7712
THAL	1.84	1.90	5.69	0.76	1.31	4.95	12.44	-31.34	2.61	0.24	0.55	2.12	-2685243.1713	-4308075.4364	3848473.0541
THCP	2.07	2.09	5.83	0.90	1.06	2.96	2.19	-23.14	0.42	0.06	0.08	0.20	-2484730.6040	-4592623.5271	3653180.0091
THMG	2.21	2.30	6.34	1.24	0.98	3.78	2.92	-22.24	2.29	0.22	0.12	0.47	-2336317.9106	-4773817.8025	3514273.6426
THMS	2.08	2.23	6.04	1.11	0.87	2.90	19.19	-38.91	-0.09	0.39	0.25	0.69	-2479001.4721	-4708459.0336	3505028.6621
TIBB	1.89	1.91	6.39	1.78	1.27	3.98	13.49	-31.53	-0.90	0.12	0.06	0.20	-2704026.1713	-4253051.0537	3895879.4415
TILC	2.04	2.06	5.98	8.90	3.00	8.66	-5.38	-18.79	5.10	1.04	0.31	0.86	-2442572.5298	-4431503.0272	3873345.9247
TIVA	1.72	1.86	4.89	1.35	1.04	2.95	-9.09	-15.50	-0.26	0.12	0.06	0.22	-2256688.5994	-4580203.5423	3812838.7558
TJRN	2.06	2.03	6.00	2.29	1.24	4.84	22.31	-41.82	0.28	0.12	0.08	0.27	-2642143.6862	-4551974.6280	3590870.2353
TMAP	2.14	2.27	6.28	1.02	0.99	5.43	4.54	-25.09	-4.15	0.08	0.06	0.45	-2343466.1545	-4770862.7497	3513350.5153
TONO	2.01	2.05	5.46	0.92	0.74	2.38	-9.08	-16.17	-0.30	0.06	0.04	0.12	-2296770.5955	-4472098.4521	3915214.3681
TORP	2.16	2.24	6.54	1.08	0.91	3.11	18.46	-39.06	-0.10	0.08	0.04	0.14	-2517893.9487	-4670260.9485	3527827.9083
TOST	2.07	2.09	5.84	1.47	0.86	4.08	19.55	-38.74	-3.12	0.14	0.06	0.31	-2545681.2773	-4623568.3130	3569370.0692
TRAK	2.06	2.24	6.47	0.90	1.00	3.84	17.74	-38.37	0.22	0.04	0.04	0.20	-2480028.7438	-4703111.8037	3511298.9105
TRCP	2.10	2.12	5.91	1.56	1.28	3.46	15.59	-32.01	-1.74	0.43	0.27	0.65	-2712685.7277	-4239125.4137	3905352.7546

STATION	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mn	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
REP2	36	50	25.580540	-116	28	5.913809	1479.738	2.24	-1.37	-1.66	0.118	2006.2562	2010.6507	No	-27.544	1507.282	REP2
REP3	36	50	28.556555	-116	28	5.256582	1478.791	2.27	-1.40	-1.24	0.119	2006.2589	2010.6507	No	-27.541	1506.332	REP3
REP4	36	50	56.906272	-116	27	57.913399	1455.994	2.21	-1.21	-1.34	0.117	2006.2562	2010.6507	No	-27.513	1483.507	REP4
REPO	36	50	25.255470	-116	28	5.984677	1480.135	2.39	-1.55	-1.18	0.119	1999.2233	2010.0644	No	-27.544	1507.679	REPO
RHCG	34	0	3.243190	-118	0	48.017738	339.404	27.37	-23.15	-3.54		2014.3521	2017.8233	Yes	-34.805	374.209	RHCG
RHCL	34	1	8.577281	-118	1	34.171888	177.569	25.74	-24.41	-1.20		1999.0205	2017.8233	Yes	-34.76	212.329	RHCL
RKMG	33	40	26.844844	-117	36	33.894008	378.305	26.10	-28.91	-0.18		2016.0014	2017.8233	Yes	-33.741	412.046	RKMG
RMVJ	33	29	8.912000	-117	33	19.111874	137.105	29.41	-24.82	-1.84		2012.8784	2017.8233	Yes	-34.225	171.330	RMVJ
RNCH	35	53	59.976546	-120	31	29.332610	839.417	31.54	-21.59	0.00	0.525	2001.5986	2017.8233	Yes	-33.393	872.810	RNCH
RNO1	39	32	16.454260	-119	53	8.883477	1531.185	5.79	-5.05	0.07	0.131	2009.1000	2015.4342	No	-23.862	1555.047	RNO1
ROCH	33	36	39.680456	-116	36	35.134942	1394.495	21.13	-16.13	-0.27	0.356	1991.3137	2006.1575	No	-31.124	1425.619	ROCH
ROCK	34	14	8.423512	-118	40	35.110618	554.067	29.62	-24.68	-0.55	0.272	1995.3493	2017.8233	Yes	-34.595	588.662	ROCK
ROCP	37	48	59.093543	-122	3	46.553701	582.542	19.02	-12.52	-2.09		2012.2883	2017.8233	Yes	-32.127	614.669	ROCP
ROGE	36	13	4.345933	-117	5	7.648365	3017.140	5.18	-2.81	-1.33	0.120	1999.2425	2010.0589	No	-28.164	3045.304	ROGE
RSTP	34	52	30.282263	-118	11	34.485566	713.396	16.64	-9.72	-1.48	0.155	1999.4918	2017.8233	Yes	-32.102	745.498	RSTP
RSVY	34	32	29.308634	-119	11	3.922427	988.064	24.49	-25.25	-0.12	0.263	2000.7227	2017.8233	Yes	-32.924	1020.988	RSVY
RTHS	34	5	20.934686	-117	21	11.960361	329.372	22.92	-18.37	-2.17	0.219	1998.1932	2017.8233	Yes	-32.887	362.259	RTHS
RUMP	36	15	24.850261	-115	52	6.404746	1406.849	2.03	-1.18	-0.99	0.117	2005.6890	2010.8479	No	-26.647	1433.496	RUMP
RYAN	36	18	58.607335	-116	39	0.230540	1286.866	3.07	-1.58	-1.57	0.116	1999.2233	2010.6507	No	-28.581	1315.447	RYAN
S300	37	39	59.416218	-121	33	29.716444	496.284	10.63	-9.34	-0.90	0.151	1999.3384	2017.8233	Yes	-31.759	528.043	S300
SA63	32	41	20.032612	-114	29	44.552816	46.404	3.18	0.07	-2.43	0.238	2009.5192	2017.8233	Yes	-33.843	80.247	SA63
SACY	33	44	35.678005	-117	53	44.040061	-10.580	27.77	-24.95	-5.69	0.282	1999.5137	2017.8233	Yes	-35.099	24.519	SACY
SAOB	36	45	55.091639	-121	26	49.824817	360.384	35.75	-26.34	-0.77	0.296	1997.5164	2017.8233	Yes	-32.901	393.285	SAOB
SAWC	37	41	23.616627	-118	57	11.346877	2440.914	9.38	-8.36	2.12	0.166	2000.6817	2017.8233	Yes	-24.813	2465.727	SAWC
SBCC	33	33	10.795341	-117	39	41.310240	89.389	29.30	-24.90	-1.82	0.272	1999.8534	2017.8233	Yes	-34.463	123.852	SBCC
SBRB	37	41	11.210624	-122	24	38.990312	-12.708	30.59	-19.45	-1.99		2008.6380	2017.8233	Yes	-32.599	19.891	SBRB
SBRN	37	41	10.383904	-122	24	37.544972	-1.659	28.28	-19.27	-0.26	0.238	2003.1740	2011.1603	No	-32.599	30.940	SBRN
SCCP	37	39	6.633029	-122	0	7.382582	419.834	20.20	-13.80	-1.59		2012.2883	2017.8233	Yes	-32.255	452.089	SCCP
SCIA	34	36	26.798610	-117	23	17.838636	832.143	15.38	-10.53	-1.52	0.154	1999.1822	2017.8233	Yes	-31.884	864.027	SCIA
SCIP	32	54	51.935319	-118	29	16.538135	453.561	34.56	-28.95	-1.38	0.312	1998.0562	2017.8233	Yes	-36.948	490.509	SCIP
SCMS	33	26	38.899108	-117	38	4.388081	24.010	28.25	-24.61	1.46	0.270	1998.6452	2006.3411	No	-34.762	58.772	SCMS
SDHL	34	15	18.028060	-116	16	43.984403	835.802	9.16	-2.91	0.24	0.111	2001.9630	2017.8233	Yes	-31.43	867.232	SDHL
SFDM	34	27	35.292983	-118	45	16.181300	292.189	24.77	-23.33	0.32	0.252	1999.8233	2017.8233	Yes	-34.058	326.247	SFDM
SGDM	34	12	20.256255	-117	51	42.085934	421.446	22.57	-21.83	-1.07	0.239	1999.8370	2017.2370	No	-32.611	454.057	SGDM
SGHS	34	5	19.047014	-118	6	32.275666	80.536	25.20	-23.98	-2.73	0.259	1999.7904	2008.7117	No	-34.47	115.006	SGHS
SGPS	33	54	45.120897	-116	41	44.424592	477.461	18.33	-12.07	-0.13	0.168	1999.7438	2017.8233	Yes	-31.592	509.053	SGPS
SHIN	40	35	30.030388	-120	13	30.105168	1377.842	5.80	-4.02	-1.08	0.130	1996.5615	2017.8233	Yes	-22.869	1400.711	SHIN
SHN5	35	40	27.268407	-120	20	49.358589	302.268	29.31	-21.44	3.44		2015.9164	2017.8233	Yes	-33.878	336.146	SHN5
SHOS	35	58	16.829369	-116	17	56.296744	583.111	2.70	-1.60	-1.16	0.115	1999.2233	2017.8233	Yes	-29.235	612.346	SHOS
SHP5	35	16	7.071838	-120	40	16.561943	17.224	36.24	-26.56	4.52		2013.1521	2017.8233	Yes	-34.741	51.965	SHP5
SHRC	37	37	29.765253	-118	56	44.207745	2352.756	3.40	-9.52	4.86		2010.0014	2017.8233	Yes	-24.714	2377.470	SHRC
SIBE	34	37	27.317281	-116	0	56.050499	363.253	2.53	-3.27	-0.52	0.132	1999.9685	2007.5603	No	-31.748	395.001	SIBE
SILK	34	6	10.297634	-118	15	49.894438	106.908	24.98	-25.31	-1.18	0.262	2000.3620	2017.8233	Yes	-34.681	141.589	SILK
SIMM	35	21	3.996400	-119	59	52.046909	584.183	25.60	-22.16	1.56		2013.1521	2017.8233	Yes	-33.886	618.069	SIMM
SIO3	32	51	52.927860	-117	15	1.435255	35.597	29.42	-26.31	-1.41	0.283	1993.3438	2012.1844	No	-35.001	70.598	SIO3
SIO5	32	50	26.639773	-117	14	58.842040	186.261	29.82	-26.25	-1.68	0.288	2002.3685	2017.8233	Yes	-35.023	221.284	SIO5
SKUL	36	43	49.623962	-116	12	38.201978	1238.003	2.14	-1.37	-1.31	0.118	1999.2233	2010.9685	No	-27.263	1265.266	SKUL
SKYB	34	26	19.038735	-118	28	43.022917	520.922	22.48	-21.29	-0.36	0.242	2000.1325	2017.8233	Yes	-33.439	554.361	SKYB
SLAC	37	24	59.457424	-122	12	15.302399	64.208	29.25	-20.87	-1.17	0.246	2003.0863	2017.8233	Yes	-32.583	96.791	SLAC
SLI4	39	18	51.386797	-119	53	3.386032	2903.088	8.00	-6.13	-0.46		2004.7418	2009.4918	No	-23.686	2926.774	SLI4
SLID	39	18	51.386626	-119	53	3.385989	2903.081	7.70	-6.06	-0.40	0.148	1997.5603	2017.6781	Yes	-23.686	2926.767	SLID
SLMS	33	17	32.009479	-115	58	40.185868	-45.161	17.13	-11.06	-1.02	0.158	1999.6342	2017.8233	Yes	-33.833	-11.328	SLMS
SMYC	36	19	10.515288	-115	35	14.891797	2563.458	1.82	-1.25	-0.89	0.116	1999.2233	2011.2041	No	-25.446	2588.904	SMYC
SNHS	33	55	38.408600	-117	55	43.019031	67.133	27.14	-23.95	-1.13	0.269	1999.2260	2017.8233	Yes	-34.915	102.048	SNHS
SNI1	33	14	52.347959	-119	31	27.676138	240.327	35.86	-29.42	-1.88	0.324	1995.8918	2017.8233	Yes	-36.983	277.310	SNI1
SNOG	34	2	6.752779	-116	48	27.999476	2315.413	15.77	-11.60	-1.80	0.165	2008.9549	2017.8233	Yes	-30.485	2345.898	SNOG
SODB	37	9	59.052335	-121	55	31.825104	986.075	28.12	-20.06	-3.32	0.242	1999.4014	2017.8178	Yes	-32.259	1018.334	SODB
SOMT	34	19	11.776716	-119	3	51.556989	464.907	30.11	-25.99	-2.20	0.274	2000.8975	2017.8233	Yes	-35.372	500.279	SOMT
SONG	33	22	50.691007	-117	33	36.894934	-2.217	30.49	-25.71	-2.03		2012.8730	2017.8233	Yes	-34.672	32.455	SONG
SPK1	34	3	33.629445	-118	38	46.140235	440.816	30.01	-26.14	-0.41	0.282	1995.2151	2017.8233	Yes	-35.364	476.180	SPK1
SPMS	33	59	33.548900	-117	50	55.549779	207.735	24.93	-23.32	-1.56	0.255	1998.6342	2017.8233	Yes	-34.342	242.077	SPMS
SRB1	37	52	27.680787	-122	16	1.016821	55.167	25.33	-15.68	-2.67		2006.8699	2017.8233	Yes	-32.25	87.417	SRB1
SRS1	34	0	15.606480	-120	3	54.755104	68.855	36.28	-28.95	-1.57	0.316	2000.4549	2017.8233	Yes	-36.122	104.977	SRS1
STEA	39	37	31.942883	-119	53	1.173868	1534.760	6.79	-5.08	-1.16	0.130	2009.1000	2015.4342	No	-23.811	1558.571	STEA
STRI	36	38	40.624017	-116	20	16.006763	1030.542	2.48	-1.29	-1.36	0.115	1999.2233	2011.2781	No	-27.84	1058.382	STRI
SUAA	37	25	36.859501	-122	10	23.797675	20.912	28.02	-20.13	-1.68	0.241	1994.3027	2003.0973	No	-32.615	53.527	SUAA
SUTB	39	12	20.998689	-121	49	14.106759	617.049	8.31	-8.74	-1.93	0.151	1997.2342	2017.8205	Yes	-28.852	645.901	SUTB
SVIN	38	1	59.440008	-122	31	34.702430	-27.058	25.66	-17.64	-2.32	0.218	2003.8890	2017.8233	Yes	-32.107	5.049	SVIN
SWEP	37	36	42.055966	-122	27	27.661256	349.814	33.15	-21.62	-2.73		2012.2883	2017.8233	Yes	-32.68	382.494	SWEP
T3RP	37	55	40.394680	-122	35	17.673699	732.878	29.34	-18.93	-3.10		2012.2883	2017.8233	Yes	-32.206	765.084	T3RP
TABL	34	22	54.648053	-117	40	41.772731	2228.725	19.87	-16.59	-0.53	0.205	1995.7548	2017.8233	Yes	-30.997	2259.722	TABL
TABV	34	22	54.648051	-117	40	41.772651	2228.723	19.96	-16.51	-0.32		2011.3384	2017.8233	Yes	-30.997	2259.720	TABV
TAFT	35	9	23.553339	-119	29	6.557444	287.718	19.32	-15.21	1.90		2013.1575	2017.8233	Yes	-34.202	321.920	TAFT
TATE	36	55	53.803877	-116	34	27.338178	1293.967	2.38	-1.38	-1.11	0.117	1999.2233	2011.2781	No	-27.352	1321.319	TATE
TBLP	35	55	2.670313	-120	21	37.163299	938.121	19.02	-11.73	0.27	0.333	2001.7384	2017.8233	Yes	-33.268	971.389	TBLP
TEHA	35	8	35.003344	-118	28	11.209292	1175.279	13.53	-8.84	4.84		2010.7932	2017.8233	Yes	-30.62	1205.899	TEHA
THAL	37	21	5.345911	-121	56	7.715025	-1.951	25.36	-17.75	1.40	0.224	2003.0068	2007.2205	No	-32.675	30.724	THAL
THCP	35	9	29.447106	-118	24	52.410504	1653.062	13.88	-9.62	-0.70	0.151	2000.9303	2017.8233	Yes	-30.527	1683.589	THCP
THMG	33	39	2.292860	-116	4	38.053378	34.381	13.75	-8.85	1.23	0.139	2009.2671	2017.8233	Yes	-33.175	67.556	THMG
THMS	33	32	58.686321	-117	46	0.422169	189.932	30.63	-25.75	-1.17		2013.5986	2017.8233	Yes	-34.793	224.725	THMS
TIBB	37	53	27.145692	-122	26	51.322913	-20.585	26.59	-17.89	-2.13	0.226	1994.4616	2017.8233	Yes	-32.375	11.790	TIBB
TILC	37	37	7.982959	-118	51	46.225852	2165.904	6.49	-4.70	3.92	0.132	2000.6817	2017.8233	Yes	-24.822	2190.726	TILC
TIVA	36	56	5.442453	-116	13	46.892490	2034.856	1.84	-1.24	-1.39	0.117	1999.2233	2017.8233	Yes	-26.646	2061.502	TIVA
TJRN	34	29	0.503716	-120	7	57.186163	157.802	34.58	-28.70	-0.85	0.308	2000.8183	2017.8233	Yes	-35.923	193.725	TJRN
TMAP	33	38	28.473468	-116	9	37.614681	-66.165	15.40	-11.71	-5.21	0.163	2000.2008	2017.8233	Yes	-33.298	-32.867	TMAP
TONO	38	5	49.883315	-117	11	2.496748	2066.657	2.20	-1.73	-1.47	0.122	1999.2233	2017.8233	Yes	-24.829	2091.486	TONO
TORP	33	47	52.068992	-118	19	50.132727	-4.519	30.10	-25.90	-1.19	0.282	1997.1603	2017.8233	Yes	-35.94	31.422	TORP
TOST	34	14	52.636713	-118	50	11.952052	275.026	31.37	-25.52	-4.23	0.280	1999.4589	2017.8233	Yes	-34.956	309.982	TOST
TRAK	33	37	4.561906	-117	48	12.326052	116.245	29.19	-25.19	-0.86	0.278	1994.4205	2017.8233	Yes	-34.686	150.931	TRAK
TRCP	37	59	50.719093	-122	36	57.036474	218.121	28.75	-18.37	-2.98		2012.2883	2017.8233	Yes	-32.097	250.218	TRCP

CSRS Epoch 2017.50 (NAD83) 29-Dec-17

ITRF2014 and NAD 83 (2011) epoch 2017.5 coordinates, velocities, and uncertainties for 948 CGPS stations in California and border regions

California Spatial Reference System Epoch date is 2017.50 (2017-07-02; 2017, day of year 183; GPS week 1956, GPS day 0)

Computed by SOPAC/CSRC on 11/11/2017 under contract from California Department of Transportation (Caltrans)

Basis: SOPAC filtered position time series up to epoch 2017.8234 (10/28/2017; GPS week 1976, GPS day 6; 2017 doy 301)

All coordinates refer to the geodetic reference mark (monument)

All sigmas are at the 95% confidence level

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STATION	LONG_NAME	ITRF_X(m)	ITRF_Y(m)	ITRF_Z(m)	ITRF_X2sig	ITRF_Y2sig	ITRF_Z2sig	ITRF_Lat(dms)			ITRF_Lon(dms)			ITRF_Hgt(m)	ITRF_Lat2s	ITRF_Lon2s	ITRF_Hgt2	wrms_N((	wrms_E((	wrms_U((	ITRF_N Vel	ITRF_E Ve	ITRF_U Ve	N vel2sig(	E vel2sig((	U velsig2(	NAD_X(m)	NAD_Y(m)	NAD_Z(m)	NAD_Lat(dms)			NAD_Lon(dms)			NAD_hgt(m)	NADvelN(mr	NADvelE(mn	NADvelU(m/	3DposDif(r	Start(year)	End(year)	Op(2017.50)(Y	Geoid12B(m)	Cal_Ortho_Hgt(	STATION
		(m)	(m)	(m)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(m)	(m)	d	m	s	d	m	s	(m)	(mm/yr)	(mm/yr)	(mm/yr)	(m)	(year)	(year)	Yes/No	(m)	(m)	
TRLK	TURLOCK REST ARE	-2597547.7989	-4352477.0307	3858627.7923	0.0035	0.0042	0.0041	37	27	59.913111	-120	49	43.142652	2.5167	2.08	2.06	6.17	1.46	1.38	4.91	-1.26	-22.14	-3.80	0.53	0.49	1.74	-2597546.8958	-4352478.3004	3858627.8918	37	27	59.903293	-120	49	43.084611	3.075	11.29	-8.36	-5.00		2013.1521	2017.8233	Yes	-32.029	35.104	TRLK
TRND	TRND_PNGA_CN1999	-2703982.0630	-3986137.1905	4166989.1099	0.0033	0.0038	0.0039	41	3	13.990614	-124	9	3.124470	78.1704	2.10	1.99	5.65	1.29	1.67	3.87	3.77	-9.98	-0.43	0.12	0.16	0.27	-2703981.1319	-3986138.4142	4166989.1640	41	3	13.981509	-124	9	3.062060	78.575	17.49	4.12	-1.75	0.059	1999.8726	2017.8233	Yes	-30.087	108.662	TRND
TROY	Troy	-2341103.5664	-4689264.7733	3623535.2525	0.0031	0.0039	0.0036	34	50	18.946629	-116	31	49.970224	613.5695	1.79	1.90	5.60	1.00	1.96	3.13	-4.55	-19.62	0.60	0.12	0.29	0.29	-2341102.6875	-4689266.0872	3623535.3889	34	50	18.935754	-116	31	49.916178	614.290	6.46	-5.96	-0.49	0.131	2000.0369	2010.0890	No	-31.432	645.722	TROY
TWMS	Townsend Middle	-2463491.4614	-4687185.1202	3544029.4694	0.0042	0.0051	0.0046	33	58	20.840127	-117	43	31.888353	208.0588	2.10	2.28	7.45	1.40	1.39	3.68	13.72	-35.52	-0.85	0.14	0.12	0.27	-2463490.5846	-4687186.4384	3544029.6092	33	58	20.830130	-117	43	31.834233	208.766	25.15	-22.24	-1.94		2000.4932	2017.8233	Yes	-34.066	242.832	TWMS
UCD1	UC-DAVIS Geology	-2628826.6473	-4247932.0764	3952176.5457	0.0035	0.0043	0.0042	38	32	10.461660	-121	45	4.442071	-0.5294	2.13	2.09	6.30	1.92	1.88	12.92	-3.11	-22.34	-11.43	0.18	0.16	1.18	-2628825.7360	-4247933.3322	3952176.6323	38	32	10.451972	-121	45	4.382789	-0.015	9.77	-8.44	-12.67	0.182	1996.3811	2017.8233	Yes	-31.262	31.247	UCD1
UCLP	UCLA	-2519007.5000	-4650672.0726	3552862.9076	0.0033	0.0042	0.0039	34	4	8.840579	-118	26	30.889709	111.5378	2.09	2.08	5.94	0.88	0.90	3.28	15.70	-37.95	-0.48	0.04	0.04	0.14	-2519006.6211	-4650673.3868	3552863.0442	34	4	8.830857	-118	26	30.835162	112.225	27.38	-24.73	-1.58	0.268	1994.9137	2017.8233	Yes	-35.237	147.462	UCLP
UCSB	UC Santa Barbara	-2621293.6101	-4568930.7092	3584356.9182	0.0039	0.0049	0.0045	34	24	47.907962	-119	50	37.746630	-9.6008	2.27	2.38	6.91	1.51	1.38	4.23	19.17	-41.29	0.56	0.12	0.10	0.25	-2621292.7261	-4568932.0140	3584357.0471	34	24	47.898725	-119	50	37.691179	-8.957	31.34	-28.16	-0.57	0.302	1998.7685	2015.7986	No	-36.009	27.052	UCSB
UCSF	UC San Francisco	-2709557.2168	-4260015.6128	3884773.3635	0.0034	0.0041	0.0041	37	45	46.688137	-122	27	29.353699	154.6059	1.98	1.94	6.11	2.57	1.01	3.47	15.27	-32.08	-0.36	0.47	0.14	0.45	-2709556.3081	-4260016.8734	3884773.4540	37	45	46.679021	-122	27	29.294734	155.117	28.38	-18.47	-1.59		2007.9740	2017.8233	Yes	-32.582	187.699	UCSF
USC1	University of So	-2507565.1658	-4659952.9778	3548661.1286	0.0076	0.0090	0.0084	34	1	26.228254	-118	17	6.427471	21.8866	3.01	3.37	13.76	1.85	1.15	5.02	15.91	-37.24	-2.53	0.14	0.08	0.31	-2507564.2875	-4659954.2931	3548661.2661	34	1	26.218479	-118	17	6.373031	22.579	27.53	-24.01	-3.63	0.265	1994.8397	2015.5110	No	-35.425	58.004	USC1
USGC	USGC_SCGN_CS1998	-2353662.9754	-4807537.4776	3456827.2669	0.0034	0.0045	0.0041	33	1	48.232027	-116	5	7.216173	133.4331	2.18	2.25	6.22	0.91	1.14	3.32	14.50	-35.14	0.21	0.06	0.06	0.14	-2353662.1074	-4807538.8130	3456827.4194	33	1	48.221714	-116	5	7.163508	134.202	25.33	-21.93	-0.84	0.248	1999.6123	2017.8233	Yes	-33.657	167.859	USGC
USLO	USLO_SCGN_CS2000	-2657201.4540	-4482167.0049	3666227.3797	0.0037	0.0045	0.0042	35	18	42.501389	-120	39	39.949936	134.6297	2.09	2.07	6.55	1.10	1.30	3.68	22.75	-39.50	0.77	0.06	0.06	0.20	-2657200.5631	-4482168.2971	3666227.4981	35	18	42.492201	-120	39	39.893516	135.235	35.21	-26.24	-0.39	0.586	2000.7309	2017.8233	Yes	-34.552	169.787	USLO
VAN1	Vandenberg AFB 1	-2665275.5866	-4513292.1029	3622150.3334	0.0046	0.0056	0.0049	34	49	35.819065	-120	33	48.646908	98.9028	2.29	2.41	8.06	1.51	1.55	3.99	23.04	-42.20	0.53	0.24	0.24	0.57	-2665274.6986	-4513293.4005	3622150.4561	34	49	35.810001	-120	33	48.590855	99.520	35.47	-29.05	-0.61	0.314	1999.1493	2008.2691	No	-35.842	135.362	VAN1
VCST	Ventucopa Statio	-2579272.1983	-4561845.4978	3624822.5730	0.0035	0.0043	0.0041	34	51	5.414370	-119	29	1.907160	809.5688	2.06	2.10	6.23	1.48	1.75	3.30	12.78	-36.59	0.25	0.22	0.27	0.31	-2579271.3128	-4561846.7994	3624822.6997	34	51	5.404818	-119	29	1.851604	810.213	24.83	-23.29	-0.88	0.249	2000.8538	2016.4303	No	-32.886	843.099	VCST
VCVL	Vacaville_CA2012	-2648499.1526	-4247231.4045	3939860.3939	0.0036	0.0044	0.0042	38	23	40.308731	-121	56	48.993677	0.3551	2.11	2.24	6.37	1.62	1.03	3.77	-2.09	-23.12	-2.58	0.51	0.24	0.92	-2648498.2416	-4247232.6610	3939860.4810	38	23	40.299181	-121	56	48.934427	0.867	10.85	-9.28	-3.82		2012.4358	2017.8233	Yes	-31.664	32.531	VCVL
VDCY	VDCY_SCGN_CS2000	-2497836.7549	-4654543.0852	3563029.0177	0.0040	0.0048	0.0044	34	10	42.839226	-118	13	12.013563	318.1710	2.03	2.14	7.04	0.99	1.08	4.22	13.40	-37.07	-0.59	0.08	0.08	0.33	-2497835.8759	-4654544.3991	3563029.1542	34	10	42.829365	-118	13	11.959061	318.862	25.00	-23.79	-1.69	0.257	2000.8593	2017.8233	Yes	-33.844	352.706	VDCY
VIMT	VIMT_SCGN_CS2000	-2523363.4681	-4644669.8806	3558376.7562	0.0032	0.0040	0.0038	34	7	35.216423	-118	30	51.902183	553.6955	2.05	2.02	5.64	1.43	1.21	3.11	16.67	-38.86	0.38	0.14	0.10	0.22	-2523362.5887	-4644671.1938	3558376.8922	34	7	35.206712	-118	30	51.847569	554.380	28.38	-25.63	-0.72	0.277	2000.5287	2017.8233	Yes	-34.802	589.182	VIMT
VINE	Grapevine Canyon	-2344508.5799	-4530092.2102	3817375.6315	0.0040	0.0048	0.0044	36	59	43.230390	-117	21	48.308279	656.9925	2.10	2.28	6.97	1.10	0.90	3.50	-8.22	-16.28	-0.19	0.41	0.22	1.20	-2344507.6870	-4530093.4983	3817375.7470	36	59	43.219066	-117	21	48.252273	657.648	3.11	-2.15	-1.34		2006.5493	2012.4959	No	-27.796	685.444	VINE
VINZ	Grapevine	-2532199.0669	-4579698.3350	3634667.4459	0.0035	0.0043	0.0041	34	57	44.614899	-118	56	20.433617	382.0463	2.16	2.19	6.16	1.00	0.92	3.02	7.04	-29.68	3.21	1.10	0.49	2.55	-2532198.1820	-4579699.6377	3634667.5735	34	57	44.605060	-118	56	20.378247	382.703	18.90	-16.28	2.08		2015.9164	2017.8233	Yes	-32.494	415.197	VINZ
VNCO	VNCO_SCGN_CS2000	-2577030.5576	-4603942.2242	3571779.4690	0.0034	0.0042	0.0040	34	16	32.759301	-119	14	15.624550	25.6341	2.06	2.05	6.05	2.40	2.64	4.39	17.86	-41.20	-4.84	0.24	0.25	0.37	-2577029.6758	-4603943.5330	3571779.6011	34	16	32.749849	-119	14	15.569478	26.296	29.82	-28.02	-5.95		2000.8866	2017.8233	Yes	-35.953	62.249	VNCO
VNCX	VNCX_SCGN_CS1998	-2515892.7297	-4636680.3763	3573547.4747	0.0033	0.0042	0.0039	34	17	35.498615	-118	29	4.357319	328.5861	2.06	2.07	5.95	1.13	0.93	3.47	13.91	-37.16	0.54	0.06	0.04	0.18	-2515891.8495	-4636681.6879	3573547.6093	34	17	35.488826	-118	29	4.302611	329.268	25.61	-23.88	-0.57	0.260	1998.9959	2017.8233	Yes	-34.252	363.520	VNCX
VNDP	Vandenberg	-2678090.5235	-4525436.9533	3597431.9500	0.0037	0.0046	0.0044	34	33	22.728485	-120	36	59.238975	-11.5252	2.51	2.30	6.55	2.30	1.85	6.10	23.58	-42.74	0.33	0.12	0.10	0.29	-2678089.6368	-4525438.2535	3597432.0748	34	33	22.719537	-120	36	59.183072	-10.905	36.02	-29.67	-0.81	0.316	1992.3975	2017.8233	Yes	-36.305	25.400	VNDP
VNPS	Vincent Pump Sta	-2480528.8742	-4641491.0910	3592972.2506	0.0036	0.0048	0.0042	34	30	5.334577	-118	7	16.180667	961.8886	2.10	2.25	6.64	1.11	1.08	3.32	9.58	-32.00	0.24	0.06	0.06	0.18	-2480527.9936	-4641492.4018	3592972.3849	34	30	5.324551	-118	7	16.126014	962.575	21.15	-18.62	-0.87	0.218	1999.7630	2017.8233	Yes	-31.874	994.449	VNPS
VONS	Von Schmidt Line	-2297741.6034	-4583901.1149	3781750.7645	0.0042	0.0053	0.0048	36	35	38.751546	-116	37	22.545671	717.1054	2.34	2.56	7.53	0.84	0.76	2.89	-8.49	-15.52	-0.34	0.20	0.10	0.59	-2297740.7144	-4583902.4101	3781750.8857	36	35	38.740019	-116	37	22.490352	717.788	2.57	-1.40	-1.47	0.117	2005.7055	2010.6507	No	-28.119	745.907	VONS
VTIS	Marine Exchange	-2517409.4944	-4676543.7623	3520010.4652	0.0028	0.0035	0.0033	33	42	45.509224	-118	17	37.777288	59.4983	1.89	1.90	4.91	0.69	0.80	3.08	19.31	-39.24	-0.46	0.04	0.04	0.16	-2517408.6178	-4676545.0809	3520010.6052	33	42	45.499576	-118	17	37.723039	60.196	30.93	-26.10	-1.55	0.285	1998.9384	2017.8233	Yes	-35.902	96.098	VTIS
VTOR	Vista_TwinCA2012	-2440868.2342	-4750805.0973	3475069.6716	0.0030	0.0038	0.0034	33	13	30.056514	-117	11	35.477994	379.9164	1.81	1.92	5.33	1.09	0.65	2.67	17.67	-38.60	-0.95	0.31	0.08	0.55	-2440867.3627	-4750806.4257	3475069.8192	33	13	30.046592	-117	11	35.424616	380.653	28.90	-25.46	-2.01		2012.4549	2017.8233	Yes	-33.55	414.203	VTOR
VYAS	Valley Alternati	-2483507.5878	-4672361.5405	3549320.7521	0.0037	0.0049	0.0042	34	1	51.302388	-117	59	31.394481	56.4243	1.92	2.07	6.92	2.08	3.69	3.07	14.14	-35.97	-1.54	0.27	0.53	0.25	-2483506.7101	-4672362.8570	3549320.8905	34	1	51.292483	-117	59	31.340186	57.124	25.66	-22.70	-2.63		1998.5712	2010.8836	No	-34.608	91.732	VYAS
WASG	Alta Sierra GPS	-2478357.8481	-4553761.7021	3705740.8482	0.0066	0.0087	0.0073	35	44	18.200033	-118	33	25.131109	1834.9401	2.89	3.22	12.38	2.13	2.81	9.61	2.56	-25.36	-3.11	2.37	3.31	8.31	-2478356.9598	-4553762.9982	3705740.9708	35	44	18.189742	-118	33	25.075417	1835.591	14.30	-11.71	-4.25		2016.0014	2017.8233	Yes	-29.763	1865.354	WASG
WATC	Waterson	-2424992.5006	-4437814.5694	3877462.4358	0.0031	0.0039	0.0038	37	39	51.593904	-118	39	13.999344	2363.7927	2.06	2.06	5.59	1.13	2.48	3.79	-3.60	-17.45	1.67	0.10	0.27	0.31	-2424991.6012	-4437815.8455	3877462.5414	37	39	51.582977	-118	39	13.942197	2364.402	8.20	-3.32	0.49	0.116	2001.7219	2017.8233	Yes	-24.791	2389.193	WATC
WCHS	West Covina High	-2476020.9260	-4674196.9752	3552192.7120	0.0033	0.0043	0.0039	34	3	42.835812	-117	54	40.011808	100.0739	2.05	2.12	6.02	2.08	2.19	4.13	13.51	-36.99	-1.64	0.16	0.16	0.24	-2476020.0483	-4674198.2916	3552192.8504	34	3	42.825859	-117	54	39.957535	100.775	25.00	-23.71	-2.73	0.257	1999.0589	2017.8233	Yes	-34.224	134.999	WCHS
WDCB	Whiskeytown Dam	-2609477.5284	-4089653.1060	4127288.3113	0.0066	0.0087	0.0085	40	34	48.359126	-122	32	26.347056	259.6338	2.94	2.83	13.21	2.41	1.87	8.54	-5.36	-20.07	-0.14	0.59	0.37	1.16	-2609476.6039	-4089654.3397	4127288.3763	40	34	48.349286	-122	32	26.285702	260.088	7.81	-5.82	-1.43		2011.3438	2017.8233	Yes	-27.38	287.468	WDCB
WGPP	WGPP_SCGN_CS1999	-2534264.1523	-4575004.2185	3639054.7074	0.0038	0.0048	0.0045	35	0	39.055802	-118	59	1.288277	351.9953	2.15	2.22	6.94	1.73	1.06	3.45	6.05	-27.99	-2.00	0.16	0.08	0.24	-2534263.2670	-4575005.5206	3639054.8344	35	0	39.045965	-118	59	1.232854	352.650	17.93	-14.59	-3.13	0.187	1999.8616	2017.8233	Yes	-33.038	385.688	WGPP
WHC1	Whittier College	-2488199.5917	-4673486.8972	3544649.3613	0.0031	0.0040	0.0037	33	58	47.590135	-118	1	52.223223	94.2197	1.97	2.03	5.60	1.07	1.23	3.27	15.23	-37.83	-4.05	0.08	0.08	0.16	-2488198.7142	-4673488.2140	3544649.5000	33	58	47.580268	-118	1	52.168941	94.919	26.76	-24.58	-5.14	0.272	1995.2041	2017.8233	Yes	-35.014	129.933	WHC1
WHYT	Whiting Regional	-2465333.5149	-4707048.3023	3516603.9967	0.0030	0.0038	0.0036	33	40	28.171310	-117	38	36.460256	265.4058	2.02	2.04	5.30	0.92	0.88	3.02	17.13	-37.47	-0.32	0.08	0.06	0.18	-2465332.6400	-4707049.6240	3516604.1392	33	40	28.161397	-117	38	36.406366	266.121	28.52	-24.26	-1.40	0.269	2001.4699	2017.8233	Yes	-33.916	300.037	WHYT
WIDC	Wide Canyon	-2354850.4183	-4745523.8699	3540693.1236	0.0040	0.0050	0.0045	33	56	5.127332	-116	23	30.423302	445.0454	2.42	2.58	6.96	1.65	1.24	4.67	3.55	-22.44	0.96	0.10	0.06	0.22	-2354849.5446	-4745525.1941	3540693.2680	33	56	5.116766	-116	23	30.369915	445.788	14.50	-9.01	-0.11	0.151	1997.7466	2017.8233	Yes	-32.077	477.865	WIDC
WIN2	WIN2_BARD_CN2008	-2689815.0100	-4281185.1698	3874974.9463	0.0035	0.0041	0.0041	37	39	9.547658	-122	8	26.274456	-27.6431	2.07	2.19	6.04	0.75	0.78	2.70	11.77	-31.17	-0.41	0.10	0.08	0.29	-2689814.1027	-4281186.4327	3874975.0391	37	39	9.538419	-122	8	26.215705	-27.122	24.77	-17.54	-1.63	0.221	2008.5396	2017.8233	Yes	-32.516	5.394	WIN2
WINT	WINT_BARD_CN1991	-2689810.3065	-4281187.6418	3874973.5808	0.0039	0.0047	0.0044	37	39	9.520698	-122	8	26.058328	-28.8012	2.15	2.20	6.89	2.01	1.79	5.75	11.56	-31.27	-0.14	0.14	0.10	0.39	-2689809.3991	-4281188.9047	3874973.6735	37	39	9.511459	-122	8	25.999577	-28.280	24.56	-17.64	-1.36	0.214	1993.0014	2017.8233	Yes	-32.516	4.236	WINT
WKPK	WKPK_SCGN_CS1999	-2528708.2650	-4610844.4721	3599237.6672	0.0040	0.0049	0.0044	34	34	6.598668	-118	44	29.475914	1208.9119	2.19	2.26	7.01	1.04	1.47	4.01	10.50	-34.93	1.03	0.06	0.10	0.27	-2528707.3827	-4610845.7797	3599237.7989	34	34	6.588892	-118	44	29.420909	1209.581	22.29	-21.61	-0.08	0.237	1999.7658	2017.8233	Yes	-32.989	1242.570	WKPK
WLSN	Mt. Wilson	-2483641.2228	-4660072.6381	3568172.2791	0.0047	0.0060	0.0049	34	13	34.039408	-118	3	21.298395	1705.2658	2.35	2.49	8.38	2.80	2.61	7.90	10.79	-36.15	0.14	0.20	0.16	0.53	-2483640.3439	-4660073.9521	3568172.4159	34	13	34.029464	-118	3	21.243961	1705.960	22.34	-22.84	-0.96	0.248	1994.5356	2017.8233	Yes	-32.602	1738.562	WLSN
WMAP	Whiteman Airport	-2511186.0455	-4641573.1496	3570417.9230	0.0035	0.0044	0.0041	34	15	33.931153	-118	24	51.461824	268.0901	2.09	2.11	6.31	1.93	1.92	3.88	14.22	-36.98	-0.28	0.16	0.14	0.25	-2511185.1656	-4641574.4618	3570418.0582	34	15	33.921346	-118	24	51.407172	268.774	25.89	-23.70	-1.38	0.261	1998.9932	2017.8233	Yes	-34.183	302.957	WMAP
WMDG	Westmoreland GPS	-2311037.8882	-4827421.9641	3457479.6748	0.0034	0.0044	0.0040	33	2	17.965302	-115	34	54.826661	-78.4632	2.17	2.20	6.13	1.33	1.47	3.81	-1.72	-24.82	-12.33	0.71	0.88	1.76	-2311037.0212	-4827423.3015	3457479.8286	33	2	17.954770	-115	34	54.774268	-77.682	8.93	-11.55	-13.37		2014.4973	2017.8233	Yes	-34.377	-43.305	WMDG
WNRA	Whitter Narrows	-2488620.3174	-4668758.1696	3550444.2161	0.0033	0.0043	0.0039	34	2	35.659883	-118	3	33.341627	40.1134	2.07	2.14	5.92	2.22	1.33	5.59	14.46	-37.12	-2.01	0.22	0.12	0.49	-2488619.4396	-4668759.4857	3550444.3542	34	2	35.650003	-118	3	33.287289	40.811	26.00	-23.86	-3.10	0.261	2000.6653	2017.8233	Yes	-34.726	75.537	WNRA
WOMT	WOMT_SCGN_CS1999	-2379008.1167	-4682864.5207	3608497.6514	0.0033	0.0044	0.0039	34	40	8.451073	-116	55	54.004485	1353.0281	1.84	2.03	6.12	1.43	1.23	3.40	1.56	-22.65	-0.40	0.12	0.08	0.20	-2379007.2378	-4682865.8347	3608497.7881	34	40	8.440451	-116	55	53.950345	1353.742	12.71	-9.08	-1.49	0.140	1999.6726	2017.8233	Yes	-31.084	1384.826	WOMT
WRHS	Westchester High	-2521083.4165	-4657280.5013	3542601.8620	0.0036	0.0047	0.0043	33	57	29.352272	-118	25	39.399016	7.8699	2.25	2.36	6.51	0.74	1.36	4.00	17.99	-39.08	1.03	0.06	0.12	0.35	-2521082.5383	-4657281.8168	3542601.9996	33	57	29.342585	-118	25	39.344545	8.560	29.66	-25.89	-0.07	0.282	1999.7685	2017.8233	Yes	-35.919	44.479	WRHS
WWFG	Wister Waterfowl	-2304470.7685	-4814376.5066	3479801.9403	0.0035	0.0047	0.0042	33	16	43.808171	-115	34	43.608164	-93.5595	2.17	2.29	6.47	1.36	0.95	3.40	-7.31	-18.12	-0.20	0.63	0.29	0.94	-2304469.9002	-4814377.8414	3479802.0922	33	16	43.797531	-115	34	43.555627	-92.783	3.34	-4.78	-1.24		2014.4671	2017.8233	Yes	-33.905	-58.878	WWFG
WWMT	Whitewater Mount	-2376091.6837	-4733825.6771	3542781.1556	0.0035	0.0046	0.0040	33	57	19.129250	-116	39	13.892491	796.6376	2.01	2.21	6.32	1.48	1.35	4.13	6.97	-24.61	1.38	0.12	0.08	0.24	-2376090.8094	-4733826.9999	3542781.2990	33	57	19.118793	-116	39	13.838954	797.373	18.01	-11.20	0.31	0.165	2001.9658	2017.8233	Yes	-31.617	828.990	WWMT
YBHB	Yreka Blue Horn	-2576448.0281	-4011576.3364	4224116.9497	0.0043	0.0054	0.0051	41	43	53.957826	-122	42	38.655966	1065.6841	2.22	2.05	8.03	1.46	1.99	5.45	-4.90	-15.38	-0.13	0.08	0.12	0.27	-2576447.0967	-4011577.5590	4224117.0033	41	43	53.947795	-122	42	38.593478	1066.112	8.35	-0.89	-1.44	0.105	1996.8128	2017.8233	Yes	-23.704	1089.816	YBHB
YUHG	Yuha Desert GPS	-2350031.0729	-4834921.8393	3421195.9349	0.0035	0.0051	0.0045	32	38	51.238325	-115	55	20.046861	152.5788	2.04	2.20	7.01	5.35	11.01	4.13	22.59	-49.30	1.52	7.17	14.76	2.00	-2350030.2074	-4834923.1795	3421196.0909	32	38	51.228110	-115	55	19.994513	153.359	33.36	-36.17	0.48		2016.0014	2017.8233	Yes	-33.689	187.048	YUHG
ZOA1	Oakland 1	-2684436.7717	-4293337.0197	3865351.6167	0.0039	0.0047	0.0045	37	32	34.995134	-122	0	57.416909	-3.9529	2.25	2.19	6.94	1.69	2.18	5.63	11.36	-31.48	0.01	0.18	0.25	0.61	-2684435.8653	-4293338.2842	3865351.7109	37	32	34.985867	-122	0	57.358294	-3.426	24.31	-17.86	-1.21		2002.5027	2017.8233	Yes	-32.489	29.063	ZOA1

LEGEND	
STATION	Station ID
LONG_NAME	Station Name
ITRF2014 Epoch 2017.50	
ITRF_X(m)	ITRF2014 X Earth Centered Earth Fixed Coordinate (meters)
ITRF_Y(m)	ITRF2014 Y Earth Centered Earth Fixed Coordinate (meters)
ITRF_Z(m)	ITRF2014 Z Earth Centered Earth Fixed Coordinate (meters)
ITRF_X2sig(m)	ITRF2014 X 95% Confidence Value - 1.96 Sigma (meters)
ITRF_Y2sig(m)	ITRF2014 Y 95% Confidence Value - 1.96 Sigma (meters)
ITRF_Z2sig(m)	ITRF2014 Z 95% Confidence Value - 1.96 Sigma (meters)
ITRF_Lat(dms)	ITRF2014 Latitude (degrees minutes seconds)
ITRF_Lon(dms)	ITRF2014 Longitude (degrees minutes seconds)
ITRF_Hgt(m)	ITRF2014 Ellipsoid Height meters
Lat2sig(mm)	ITRF2014/NAD83 North Latitude 95% Confidence Value - WGS ellipsoid (millimeters)
Lon2sig(mm)	ITRF2014/NAD83 East Longitude 95% Confidence Value - WGS84 ellipsoid (millimeters)
Hgt2sig(mm)	ITRF2014/NAD83 Ellipsoid Height 95% Confidence Value - WGS84 elipsoid (millimeters)
wrms_N(mm)	ITRF2014 North Weighted Root Mean Square Error (millimeters)
wrms_U(mm)	ITRF2014 East Weighted Root Mean Square Error (millimeters)
wrms_U(mm)	ITRF2014 Vertical Weighted Root Mean Square Error (millimeters)
N Vel(mm/yr)	ITRF2014 North Velocity (millimeters/year)
E Vel(mm/yr)	ITRF2014 East Velocity (millimeters/year)
U Vel(mm/yr)	ITRF2014 Vertical Velocity (millimeters/year)
N vel2sig(mm/yr)	ITRF2014/NAD83 North Velocity 95% Confidence - 1.96 Sigma (millimeters/year)
E vel2sig(mm/yr)	ITRF2014/NAD83 East Velocity 95% Confidence -1.96 Sigma (millimeters/year)
U vel2sig(mm/yr)	ITRF2014/NAD83 Vertical Velocity 95% Confidence - 1.96 Sigma (millimeters/year)
NAD83(2011) Epoch 2017.50	
NAD_X(m)	NAD83(2011) X Earth Centered Earth Fixed Coordinate (meters)
NAD_Y(m)	NAD83(2011) Y Earth Centered Earth Fixed Coordinate (meters)
NAD_Z(m)	NAD83(2011) Z Earth Centered Earth Fixed Coordinate (meters)
NAD_Lat(dms)	NAD83(2011) North Latitude (degrees minutes seconds)
NAD_Lon(dms)	NAD83(2011) East Longitude (degrees minutes seconds)
NAD_Hgt(m)	NAD83(2011) Ellipsoid Height (meters)
NAD_Nvel(mm/yr)	NAD83(2011) North Velocity (millimeters/year)
NAD_Evel(mm/yr)	NAD83(2011) East Velocity (millimeters/year)
NAD_Uvel(mm/yr)	NAD83(2011) Vertical Velocity (millimeters/year)
Geoid12B(m)	Geoid12B Modeled Height (meters)
Cal_Ortho_Hgt(m)	Derived California Orthometric Height (meters)
Other	
3DposDif(m)	3D difference between ITRF2014 and ITRF2008 values (meters)
Start(yr)	Operational Start Time (decimal year)
End(yr)	Operational Stop Time (decimal year)
Op(2017.50)(Y/N)	Is the Station Operational at 2017.50?
STATION	Station ID