

Table 1: Selected earthquake events (*Mnt: Mountain; -999=unknown)

Representative Earthquake	EQID	Magnitude	Hypocenter Latitude (deg)	Hypocenter Longitude (deg)	Hypocentral Depth (km)	Strike (deg)	Dip (deg)	Rake (deg)	Year	Month /Day	Hour/ Minute	Region
NNE of Fontana CA	pw_108	4.43	34.1442	-117.4457	5.2	310	78	-180	2014	115	935	San Bernardino Cluster (Basin)
14383980	1002	5.39	33.9465	-117.7667	14.89	296	66	146	2008	729	1842	Chino Hills Cluster (Non Basin – Mtn* Hill)
10410337	1011	4.7	33.9377	-118.3357	13.86	243	60	25	2009	518	339	Los Angeles Cluster 1 (Basin)
Northridge-06	151	5.28	34.2313	-118.475	13.09	308	40	106	1994	320	2120	San Fernando Cluster (Basin)
14312160	1019	4.66	34.2983	-118.6255	8.038	111	42	97	2007	809	758	Santa Ana Mountains (Non Basin - Mtn Hill)
Big Bear City	170	4.92	34.31	-116.848	6.3	139.1	72	-174	2003	222	-999	Big Bear Cluster (Non Basin - Mtn Hill)
14408052	1005	5.06	34.8118	-116.4227	9.33	172	79	-157	2008	1206	418	Mohave Cluster (Non Basin - Valley)
Anza (Horse Canyon)-01	55	5.19	33.505	-116.514	13.6	308	70	170	1980	225	1047	San Jacinto Mountain Cluster (Non Basin - Mtn Hill)
9171679	1042	4.42	34.8927	-119.0292	16.97	106	87	154	2000	1224	104	Tejon Range Cluster (Non Basin - Mtn Hill/Basin Edge)
Whittier Narrows-02	114	5.27	34.06	-118.1035	13.3	170	70	140	1987	1004	1059	San Gabriel Cluster (Basin Edge, Basin)
9703873	1036	4.24	34.0541	-118.3929	7.289	353	83	-167	2001	909	2359	Los Angeles Cluster 2 (Basin)
14376612	1113	3.99	34.0514	-117.2429	14.998	339	63	-177	2008	623	1414	San Bernardino Cluster 2 (Basin)
NW of Brea CA	pw_102	5.09	33.9325	-117.9158	5.1	240	64	41	2014	329	409	Los Angeles Cluster 3 (Basin Edge)