THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
EARTHQUAKE ENGINEERING
EARTHQUAKES NEAR SANTA CLARA TERMINAL
01 Jan 2003 - 31 Dec 2003

							(----HYPOCENTER----)				(MAG)	
YR	MO	DY	HR	MN	SEC		LAT	LON	DEPTH	Q	MAG	T
2003	1	4	12	18	1.69	PST	36.818	121.303	11.2	B	1.5	A
2003	1	6	2	47	34.55	PST	37.188	121.746	5.4	B	2.8	A
2003	1	7	14	29	27.16	PST	36.813	121.418	6.6	B	4.5	A
2003	1	7	18	32	55.21	PST	36.822	121.369	3.5	C	1.7	A
2003	1	10	15	40	33.82	PST	36.952	121.648	2.7	C	1.9	A
2003	1	11	1	32	18.49	PST	36.831	121.306	7.2	C	1.6	A
2003	1	13	6	47	25.27	PST	36.965	121.650	6.5	C	2.7	A
2003	1	13	6	54	7.04	PST	36.964	121.645	7.1	C	2.1	A
2003	1	14	6	51	48.73	PST	37.212	121.550	12.2	D	2.3	A
2003	1	20	1	10	16.73	PST	36.949	121.615	7.6	B	2.9	A
2003	1	27	15	35	48.29	PST	36.972	121.666	8.7	C	2.0	A
2003	1	30	11	32	33.53	PST	37.045	122.043	7.6	C	3.0	A
2003	2	2	8	19	11.10	PST	37.719	121.998	25.3	C	3.1	A
2003	2	2	8	22	53.29	PST	37.779	122.035	29.7	D	3.7	A
2003	2	2	8	45	19.52	PST	37.756	122.008	29.9	C	2.9	A
2003	2	2	8	50	49.75	PST	37.694	121.971	23.3	C	2.4	A
2003	2	2	10	22	58.88	PST	37.746	121.976	18.7	D	3.9	A
2003	2	2	10	47	39.44	PST	37.747	122.001	19.2	D	3.6	A
2003	2	2	11	2	43.94	PST	37.780	121.978	19.7	D	3.5	A
2003	2	5	0	29	59.24	PST	37.823	122.436	0.2	D	3.2	A
2003	2	8	4	52	31.81	PST	36.805	121.402	0.1	C	1.6	A
2003	2	9	13	12	43.10	PST	36.961	121.630	5.5	C	3.6	A
2003	2	9	13	17	19.69	PST	36.968	121.629	10.1	C	2.2	A
2003	2	9	13	21	35.16	PST	36.973	121.628	11.2	C	1.7	A
2003	2	9	13	22	57.75	PST	36.934	121.586	0.0	C	2.9	A
2003	2	9	13	40	14.27	PST	36.951	121.627	0.0	C	3.0	A
2003	2	9	16	14	8.78	PST	36.972	121.630	10.0	C	2.3	A
2003	2	10	0	55	30.59	PST	37.688	121.644	7.0	D	2.3	A
2003	2	13	17	22	43.02	PST	37.479	121.557	1.7	C	2.6	A
2003	2	15	7	41	25.32	PST	36.821	121.553	7.0	C	1.7	A
2003	2	21	1	8	13.07	PST	36.895	121.519	0.0	C	1.7	A
2003	2	21	14	39	7.51	PST	36.959	121.615	5.1	C	2.1	A
2003	2	21	19	12	24.29	PST	36.942	121.602	0.0	C	2.3	A
2003	2	27	19	10	32.53	PST	37.767	122.054	28.3	D	2.8	A
2003	2	28	21	33	29.67	PST	36.986	121.491	6.3	C	2.2	A
2003	3	1	10	41	59.15	PST	36.957	121.629	6.5	C	2.0	A
2003	3	3	5	24	55.69	PST	37.362	121.719	0.8	C	1.8	A
2003	3	6	10	35	57.16	PST	36.964	121.655	7.4	B	2.0	A
2003	3	9	6	0	43.87	PST	36.966	121.632	6.2	C	1.4	A
2003	3	10	8	12	11.91	PST	37.383	121.695	5.1	C	2.6	A
2003	3	10	8	13	48.15	PST	37.358	121.678	6.3	D	1.4	A
2003	3	11	13	29	42.82	PST	37.333	121.702	2.0	B	2.0	A
2003	3	14	9	44	20.89	PST	37.538	121.809	0.1	D	2.0	A
2003	3	16	10	46	59.85	PST	36.949	121.448	5.1	B	1.8	A
2003	3	16	13	27	54.37	PST	36.848	121.608	3.6	C	2.6	A
2003	3	17	0	13	37.20	PST	37.021	121.474	7.0	C	1.5	A

THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
EARTHQUAKE ENGINEERING
EARTHQUAKES NEAR SANTA CLARA TERMINAL
01 Jan 2003 - 31 Dec 2003

							(----HYPOCENTER----)				(MAG)	
YR	MO	DY	HR	MN	SEC		LAT	LON	DEPTH	Q	MAG	T
2003	3	17	20	42	59.65	PST	36.822	121.336	0.0	C	1.6	A
2003	3	21	16	33	40.38	PST	37.352	121.776	0.0	B	3.0	A
2003	3	23	13	45	9.85	PST	37.367	121.763	4.0	C	2.6	A
2003	3	24	6	45	23.93	PST	36.860	121.349	6.1	C	1.8	A
2003	3	24	15	57	1.51	PST	37.411	121.947	6.8	C	2.1	A
2003	3	25	16	53	33.89	PST	37.319	121.682	5.5	B	2.1	A
2003	3	26	21	35	21.46	PST	37.041	121.389	5.1	C	1.1	A
2003	3	30	15	57	5.04	PST	37.315	121.767	0.0	C	1.7	A
2003	3	30	17	32	0.71	PST	37.494	121.460	5.2	C	2.4	A
2003	3	30	18	27	16.44	PST	37.129	121.598	6.2	D	1.8	A
2003	3	31	8	3	13.55	PST	36.807	121.421	7.7	B	2.6	A
2003	4	1	6	54	22.23	PST	37.373	121.766	2.9	C	3.2	A
2003	4	2	11	55	12.40	PST	37.050	121.470	8.3	C	1.6	A
2003	4	2	16	34	4.46	PST	37.649	121.711	20.3	C	2.4	A
2003	4	4	8	45	12.06	PST	37.215	122.062	5.4	C	2.2	A
2003	4	4	13	58	47.73	PST	36.898	121.648	9.3	C	1.7	A
2003	4	7	3	9	43.51	PDT	36.945	121.627	6.3	C	2.5	A
2003	4	7	7	27	5.64	PDT	36.965	121.645	8.0	B	1.8	A
2003	4	7	16	32	35.86	PDT	36.868	122.414	4.8	C	2.2	A
2003	4	9	17	53	0.03	PDT	36.863	121.297	9.8	C	1.3	A
2003	4	12	7	41	45.70	PDT	36.875	121.319	4.5	C	2.1	A
2003	4	12	20	44	22.06	PDT	36.873	121.319	1.1	D	1.5	A
2003	4	14	1	12	54.23	PDT	36.874	121.314	6.2	C	1.9	A
2003	4	19	3	0	45.43	PDT	37.212	121.642	1.1	D	2.4	A
2003	4	19	5	41	43.73	PDT	36.972	121.669	8.8	C	2.0	A
2003	4	20	3	15	40.75	PDT	36.831	121.272	5.0	C	1.1	A
2003	4	25	10	3	17.04	PDT	36.882	121.628	7.3	B	2.7	A
2003	4	28	16	39	54.33	PDT	37.159	121.517	7.9	C	1.8	A
2003	5	1	5	21	14.43	PDT	36.862	121.605	8.2	B	1.5	A
2003	5	5	19	7	22.61	PDT	36.895	121.319	5.0	C	2.0	A
2003	5	7	14	37	29.39	PDT	37.117	121.195	6.8	C	1.3	A
2003	5	12	8	5	9.75	PDT	37.133	121.466	3.9	D	1.3	A
2003	5	12	19	7	26.05	PDT	36.952	121.635	2.7	C	1.4	A
2003	5	13	3	54	53.68	PDT	36.961	121.614	3.0	B	1.7	A
2003	5	19	17	11	25.24	PDT	36.966	121.636	7.1	B	2.5	A
2003	5	19	22	33	57.46	PDT	37.186	121.168	9.9	D	1.7	A
2003	5	20	3	5	8.55	PDT	37.084	121.947	2.1	C	2.3	A
2003	5	21	15	14	39.76	PDT	37.283	122.208	6.3	C	2.6	A
2003	5	26	3	1	39.43	PDT	37.330	121.678	5.4	C	3.8	A
2003	5	26	19	47	5.20	PDT	36.938	121.587	5.9	B	1.6	A
2003	5	28	11	12	5.36	PDT	37.120	121.998	9.3	C	2.2	A
2003	5	28	15	26	20.89	PDT	37.477	121.877	1.1	D	2.8	A
2003	5	30	15	40	14.55	PDT	37.055	121.940	2.2	C	1.6	A
2003	5	31	14	30	34.02	PDT	37.347	121.673	0.7	C	1.8	A
2003	5	31	19	48	26.12	PDT	36.970	121.430	10.4	C	2.1	A
2003	6	6	11	54	56.60	PDT	37.072	121.461	10.5	C	1.2	A

THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
EARTHQUAKE ENGINEERING
EARTHQUAKES NEAR SANTA CLARA TERMINAL
01 Jan 2003 - 31 Dec 2003

							(----HYPOCENTER----)				(MAG)	
YR	MO	DY	HR	MN	SEC		LAT	LON	DEPTH	Q	MAG	T
2003	6	8	17	51	15.08	PDT	36.821	121.572	5.9	C	2.7	A
2003	6	10	3	39	46.90	PDT	36.955	121.640	2.2	C	2.6	A
2003	6	10	18	40	26.68	PDT	37.336	121.636	7.3	B	2.0	A
2003	6	15	23	37	31.14	PDT	36.890	121.579	8.4	C	1.7	A
2003	6	17	14	37	2.94	PDT	37.082	121.301	14.9	C	1.3	A
2003	6	18	0	43	35.18	PDT	36.857	121.321	7.4	C	2.6	A
2003	6	18	15	43	15.79	PDT	36.870	121.386	9.3	C	1.6	A
2003	6	26	6	39	10.73	PDT	36.934	121.600	1.2	C	2.2	A
2003	6	27	18	23	36.61	PDT	36.826	121.577	0.0	C	2.6	A
2003	7	4	18	28	33.66	PDT	37.222	121.511	3.2	C	2.3	A
2003	7	5	16	52	1.05	PDT	37.228	121.479	4.3	C	2.4	A
2003	7	6	3	44	29.62	PDT	36.873	121.349	26.7	C	1.5	A
2003	7	6	11	23	25.44	PDT	36.930	121.439	8.9	D	1.9	A
2003	7	7	4	44	34.23	PDT	37.079	121.200	10.4	C	0.2	A
2003	7	12	12	45	48.09	PDT	36.813	121.560	0.0	C	3.2	A
2003	7	14	1	47	3.71	PDT	36.912	121.340	6.3	C	2.1	A
2003	7	15	22	38	47.04	PDT	36.984	121.412	12.2	C	1.9	A
2003	7	18	1	31	11.14	PDT	36.813	121.561	23.2	C	1.8	A
2003	7	20	21	26	22.35	PDT	36.940	121.587	3.0	D	2.7	A
2003	7	21	12	10	34.54	PDT	36.897	121.337	9.6	C	2.2	A
2003	7	22	12	56	48.63	PDT	37.074	121.922	3.9	D	2.5	A
2003	7	23	17	48	21.14	PDT	37.836	121.783	4.2	C	2.5	A
2003	7	29	2	37	36.94	PDT	36.930	121.561	10.5	B	1.4	A
2003	7	30	20	50	26.73	PDT	36.951	121.449	7.2	C	1.8	A
2003	7	30	21	0	31.32	PDT	36.980	121.552	3.6	D	2.2	A
2003	7	31	3	12	49.79	PDT	36.967	121.492	5.4	D	2.2	A
2003	7	31	4	33	26.20	PDT	36.926	121.437	5.6	D	2.0	A
2003	8	1	12	11	2.18	PDT	36.929	121.661	7.0	D	1.8	A
2003	8	4	9	36	19.16	PDT	37.916	121.965	7.0	B	2.5	A
2003	8	5	8	44	19.59	PDT	37.286	121.694	0.0	D	2.0	A
2003	8	8	14	50	34.17	PDT	36.834	121.586	9.4	C	1.3	A
2003	8	9	20	29	50.52	PDT	37.043	121.376	4.9	C	1.0	A
2003	8	12	9	54	59.69	PDT	37.084	121.885	0.0	D	2.7	A
2003	8	13	8	25	19.82	PDT	37.013	121.198	47.2	D	0.1	A
2003	8	13	16	13	10.43	PDT	36.801	121.536	0.0	C	2.2	A
2003	8	16	11	33	8.63	PDT	37.755	121.804	10.7	D	2.3	A
2003	8	19	7	57	18.44	PDT	36.801	121.377	8.2	C	1.9	A
2003	8	20	16	51	28.96	PDT	36.938	121.701	7.9	C	1.6	A
2003	8	24	0	45	14.49	PDT	37.276	121.682	0.1	C	1.9	A
2003	8	25	13	55	1.09	PDT	37.584	122.176	0.3	C	1.7	A
2003	8	28	9	2	35.19	PDT	37.356	121.729	2.0	C	2.6	A
2003	8	28	9	6	4.21	PDT	37.293	121.601	7.5	C	1.8	A
2003	8	28	12	25	21.87	PDT	36.935	121.573	7.0	C	1.8	A
2003	8	30	11	0	27.01	PDT	37.348	121.642	17.0	D	2.3	A
2003	8	31	7	43	29.74	PDT	37.013	121.207	3.5	C	0.9	A
2003	9	2	2	31	1.89	PDT	37.628	122.069	0.1	C	2.9	A

THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
EARTHQUAKE ENGINEERING
EARTHQUAKES NEAR SANTA CLARA TERMINAL
01 Jan 2003 - 31 Dec 2003

							(----HYPOCENTER----)				(MAG)	
YR	MO	DY	HR	MN	SEC		LAT	LON	DEPTH	Q	MAG	T
2003	9	4	18	39	53.65	PDT	37.803	122.285	14.4	C	4.1	A
2003	9	9	8	33	57.26	PDT	37.147	121.590	7.3	D	1.4	A
2003	9	9	10	45	57.71	PDT	37.019	121.803	5.8	D	1.6	A
2003	9	11	0	34	52.29	PDT	36.889	121.649	3.5	D	2.1	A
2003	9	16	14	50	27.55	PDT	36.942	121.608	8.2	C	2.4	A
2003	9	21	7	4	8.13	PDT	37.059	121.156	2.9	A	1.1	A
2003	9	24	8	48	34.91	PDT	36.970	121.289	8.7	C	1.7	A
2003	9	25	7	33	47.99	PDT	36.905	121.252	11.8	C	3.5	A
2003	9	27	9	56	8.84	PDT	36.816	121.386	5.2	C	2.2	A
2003	9	29	20	24	59.64	PDT	36.814	121.386	4.7	C	2.0	A
2003	9	29	21	6	8.82	PDT	37.315	121.322	2.3	D	2.9	A
2003	10	10	22	16	40.88	PDT	37.698	122.340	5.8	C	3.1	A
2003	10	19	8	32	56.26	PDT	37.712	122.086	20.0	C	3.3	A
2003	10	20	10	50	10.02	PDT	37.894	122.181	10.9	C	3.2	A
2003	10	26	10	36	15.66	PST	37.133	122.168	4.3	D	2.6	A
2003	11	1	10	10	55.52	PST	37.200	121.605	3.0	D	1.6	A
2003	11	1	14	2	30.96	PST	37.357	121.723	2.6	C	1.3	A
2003	11	4	23	28	44.30	PST	36.964	121.643	6.3	D	1.6	A
2003	11	6	14	4	12.93	PST	37.231	121.677	5.2	C	3.7	A
2003	11	6	16	38	47.85	PST	37.235	121.692	1.0	C	1.8	A
2003	11	7	16	24	23.60	PST	37.174	122.125	8.4	C	2.7	A
2003	11	7	18	44	12.49	PST	37.418	121.313	0.3	D	1.9	A
2003	11	13	15	31	45.96	PST	37.629	121.710	9.1	D	2.3	A
2003	11	13	17	0	36.29	PST	37.687	121.865	12.0	D	2.7	A
2003	11	14	17	28	39.02	PST	37.161	121.557	7.3	D	1.7	A
2003	11	23	5	43	3.80	PST	36.878	121.335	6.5	C	1.8	A
2003	11	24	17	34	7.69	PST	36.954	121.440	8.3	C	1.9	A
2003	11	27	10	13	2.62	PST	36.921	121.591	3.5	D	2.0	A
2003	11	27	10	16	1.14	PST	36.982	121.636	4.4	D	2.1	A
2003	11	30	18	57	34.63	PST	37.015	121.185	3.0	B	1.7	A
2003	12	2	9	16	28.11	PST	36.875	121.375	3.5	D	1.2	A
2003	12	3	7	48	32.06	PST	37.187	121.605	5.9	C	1.4	A
2003	12	5	23	7	57.32	PST	37.526	121.670	5.3	B	2.0	A
2003	12	6	9	25	0.23	PST	37.451	121.738	3.4	C	2.0	A
2003	12	11	15	7	5.39	PST	37.213	121.497	4.6	C	1.6	A
2003	12	12	1	29	13.43	PST	37.175	121.534	8.7	C	1.4	A
2003	12	13	2	7	33.62	PST	36.893	121.642	1.8	C	2.2	A
2003	12	13	11	14	14.37	PST	36.895	121.534	7.8	C	2.5	A
2003	12	13	15	9	13.72	PST	37.139	121.556	3.5	D	1.6	A
2003	12	14	21	48	50.05	PST	37.135	121.553	1.9	D	1.6	A
2003	12	15	13	11	36.61	PST	37.472	121.703	1.6	C	1.6	A
2003	12	17	8	55	30.24	PST	37.315	121.644	4.6	C	1.7	A
2003	12	17	16	22	43.50	PST	37.899	122.088	2.2	D	3.0	A
2003	12	18	6	49	14.87	PST	37.338	122.175	0.0	D	2.8	A
2003	12	18	23	31	17.15	PST	36.960	121.641	7.0	C	1.0	A
2003	12	19	16	18	48.98	PST	36.892	121.525	6.1	C	1.7	A

THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
EARTHQUAKE ENGINEERING
EARTHQUAKES NEAR SANTA CLARA TERMINAL
01 Jan 2003 - 31 Dec 2003

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YR	MO	DY	HR	MN	SEC		LAT	LON	DEPTH	Q	MAG	T
2003	12	21	4	35	45.56	PST	37.383	121.820	7.9	C	1.6	A
2003	12	24	4	53	58.67	PST	36.821	121.555	3.3	B	1.9	A
2003	12	24	8	2	27.69	PST	36.815	121.550	0.2	C	1.9	A
2003	12	24	8	9	41.01	PST	36.822	121.554	0.3	C	1.7	A
2003	12	24	15	24	29.47	PST	36.954	121.689	7.9	C	2.7	A
2003	12	25	14	58	2.54	PST	36.934	121.685	2.2	D	2.6	A
2003	12	26	9	32	9.66	PST	36.933	121.697	9.4	B	2.0	A
2003	12	30	16	30	37.33	PST	36.894	121.630	0.4	B	2.4	A
2003	12	30	19	28	22.70	PST	36.922	121.437	6.5	C	3.2	A
2003	12	31	9	7	24.82	PST	37.630	121.780	3.5	D	1.9	A