

BSLP

BSLP - Lake Pilsbury Bartlett Springs fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.00	0.5	0.000	2005.847	11/05/05	
-1.15	0.2	0.268	2006.115	02/11/06	
-0.69	0.5	0.805	2006.652	08/26/06	-0.86
0.89	0.5	1.112	2006.959	12/16/06	0.80

CASH

CASH - Ashbury Drive, Concord Concord fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.7	0.000	1979.742	09/28/79	
3.3	1.2	0.042	1979.784	10/13/79	
9.8	0.8	0.173	1979.915	11/30/79	
11.0	1.2	0.283	1980.025	01/09/80	
10.1	1.5	0.332	1980.074	01/27/80	
10.5	1.6	0.351	1980.093	02/03/80	
9.4	1.4	0.774	1980.516	07/07/80	
10.7	1.2	0.963	1980.705	09/14/80	11.1
11.7	1.4	1.116	1980.858	11/09/80	10.5
13.4	2.3	1.250	1980.992	12/28/80	10.7
12.7	0.6	1.365	1981.107	02/08/81	9.3
10.6	0.7	1.631	1981.373	05/16/81	6.5
10.7	0.5	1.710	1981.452	06/14/81	6.3
14.6	1.2	1.863	1981.605	08/09/81	7.8
12.7	1.2	2.305	1982.047	01/17/82	5.5
13.7	1.9	2.496	1982.238	03/28/82	5.5
13.1	0.5	2.707	1982.449	06/13/82	4.8
14.6	1.0	2.822	1982.564	07/25/82	5.2
10.3	1.3	2.976	1982.718	09/19/82	3.5
10.5	0.9	3.053	1982.795	10/17/82	3.4
14.6	2.1	3.206	1982.948	12/12/82	4.6
14.4	1.2	3.417	1983.159	02/27/83	4.2
14.2	1.3	3.647	1983.389	05/22/83	3.9
13.9	1.4	3.858	1983.600	08/07/83	3.6
14.5	1.1	4.028	1983.770	10/08/83	3.6
15.5	1.3	4.184	1983.926	12/04/83	3.7
15.1	1.3	4.318	1984.060	01/22/84	3.5
14.1	2.3	4.490	1984.232	03/25/84	3.1
17.0	0.7	4.720	1984.462	06/17/84	3.6
21.6	2.1	4.911	1984.653	08/26/84	4.4
21.1	1.9	4.949	1984.691	09/09/84	4.3
23.5	0.7	5.045	1984.787	10/14/84	4.7
24.2	0.6	5.141	1984.883	11/18/84	4.7
23.3	0.4	5.318	1985.060	01/22/85	4.4
20.4	0.7	5.466	1985.208	03/17/85	3.7
22.4	0.1	5.677	1985.419	06/02/85	3.9
23.0	0.8	5.792	1985.534	07/14/85	4.0
25.7	0.3	6.022	1985.764	10/06/85	4.3
25.7	0.8	6.483	1986.225	03/23/86	4.0
25.4	1.4	6.713	1986.455	06/15/86	3.8
27.9	0.7	6.847	1986.589	08/03/86	4.1
23.7	1.5	7.077	1986.819	10/26/86	3.3
27.1	0.8	7.346	1987.088	02/01/87	3.7
27.1	0.5	7.710	1987.452	06/14/87	3.5
26.7	0.9	7.902	1987.644	08/23/87	3.4

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27.3	0.4	8.170	1987.912	11/29/87	3.3
35.2	1.2	8.400	1988.142	02/21/88	4.2
35.3	0.9	8.477	1988.219	03/20/88	4.2
36.1	1.4	8.572	1988.314	04/24/88	4.2
37.0	0.9	8.783	1988.525	07/10/88	4.2
37.0	0.6	8.955	1988.697	09/11/88	4.1
39.3	0.5	9.184	1988.926	12/04/88	4.3
40.2	0.7	9.337	1989.079	01/29/89	4.3
42.0	1.4	9.529	1989.271	04/09/89	4.4
42.0	1.6	9.776	1989.518	07/08/89	4.3
37.8	1.0	9.894	1989.636	08/20/89	3.8
42.8	1.4	10.162	1989.904	11/26/89	4.2
44.2	0.6	10.354	1990.096	02/04/90	4.3
44.4	1.1	10.450	1990.192	03/11/90	4.2
45.5	0.6	10.524	1990.266	04/07/90	4.3
44.5	0.6	10.603	1990.345	05/06/90	4.2
45.3	1.0	10.737	1990.479	06/24/90	4.2
42.7	1.2	10.891	1990.633	08/19/90	3.9
41.3	0.4	11.025	1990.767	10/07/90	3.7
41.9	0.4	11.198	1990.940	12/09/90	3.7
44.3	0.6	11.370	1991.112	02/10/91	3.9
44.8	0.9	11.524	1991.266	04/07/91	3.9
43.7	0.9	11.735	1991.477	06/23/91	3.7
43.1	1.1	11.869	1991.611	08/11/91	3.6
44.0	0.6	12.003	1991.745	09/29/91	3.7
46.4	1.0	12.233	1991.975	12/22/91	3.8
48.0	0.6	12.444	1992.186	03/08/92	3.9
49.0	1.7	12.597	1992.339	05/03/92	3.9
48.3	0.7	12.788	1992.530	07/12/92	3.8
43.6	2.0	13.037	1992.779	10/11/92	3.3
47.6	2.1	13.285	1993.027	01/10/93	3.6
53.8	2.6	13.439	1993.181	03/07/93	4.0
55.6	1.1	13.631	1993.373	05/16/93	4.1
53.1	2.4	13.880	1993.622	08/15/93	3.8
50.8	0.6	14.033	1993.775	10/10/93	3.6
56.9	1.2	14.222	1993.964	12/18/93	4.0
56.4	1.9	14.455	1994.197	03/13/94	3.9
59.4	0.8	14.628	1994.370	05/15/94	4.1
56.9	1.4	14.820	1994.562	07/24/94	3.8
53.0	0.6	15.009	1994.751	10/01/94	3.5
59.0	0.5	15.200	1994.942	12/10/94	3.9
61.9	0.9	15.357	1995.099	02/05/95	4.0
61.5	2.0	15.433	1995.175	03/05/95	4.0
60.9	1.7	15.721	1995.463	06/18/95	3.9
60.4	1.3	15.951	1995.693	09/10/95	3.8
62.7	1.2	16.294	1996.036	01/13/96	3.8
63.9	1.7	16.507	1996.249	03/31/96	3.9
63.5	2.0	16.736	1996.478	06/23/96	3.8
61.8	0.2	16.908	1996.650	08/25/96	3.7

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61.9	1.0	17.080	1996.822	10/27/96	3.6
71.6	0.9	17.214	1996.956	12/15/96	4.2
72.7	1.4	17.288	1997.030	01/11/97	4.2
74.2	1.4	17.463	1997.205	03/16/97	4.2
72.9	0.5	17.636	1997.378	05/18/97	4.1
70.4	0.7	17.770	1997.512	07/06/97	4.0
69.6	0.7	18.000	1997.742	09/28/97	3.9
72.2	0.7	18.173	1997.915	11/30/97	4.0
72.5	0.7	18.307	1998.049	01/18/98	4.0
73.3	0.2	18.461	1998.203	03/15/98	4.0
76.1	1.4	18.691	1998.433	06/07/98	4.1
77.2	0.5	18.844	1998.586	08/02/98	4.1
72.7	0.5	19.074	1998.816	10/25/98	3.8
74.5	0.7	19.228	1998.970	12/20/98	3.9
76.6	1.6	19.362	1999.104	02/07/99	4.0
77.6	1.7	19.516	1999.258	04/04/99	4.0
76.0	0.8	19.688	1999.430	06/06/99	3.9
73.9	1.8	19.861	1999.603	08/08/99	3.7
71.6	1.8	20.072	1999.814	10/24/99	3.6
74.1	0.9	20.225	1999.967	12/19/99	3.7
77.1	1.7	20.416	2000.158	02/27/00	3.8
79.6	1.2	20.569	2000.311	04/23/00	3.9
80.0	1.1	20.742	2000.484	06/25/00	3.9
77.2	0.9	20.914	2000.656	08/27/00	3.7
76.6	1.5	21.048	2000.790	10/15/00	3.6
78.9	1.3	21.201	2000.943	12/10/00	3.7
81.9	1.3	21.373	2001.115	02/11/01	3.8
87.7	1.3	21.661	2001.403	05/27/01	4.0
85.2	1.4	21.814	2001.556	07/22/01	3.9
85.2	1.4	21.987	2001.729	09/23/01	3.9
86.3	1.0	22.159	2001.901	11/25/01	3.9
86.9	0.7	22.370	2002.112	02/10/02	3.9
88.9	1.5	22.562	2002.304	04/21/02	3.9
85.8	0.5	22.828	2002.570	07/27/02	3.8
87.0	1.1	22.965	2002.707	09/15/02	3.8
90.0	1.1	23.157	2002.899	11/24/02	3.9
91.0	0.6	23.425	2003.167	03/02/03	3.9
90.4	0.7	23.713	2003.455	06/15/03	3.8
90.8	0.6	23.866	2003.608	08/10/03	3.8
88.2	1.3	24.154	2003.896	11/23/03	3.7
90.5	1.8	24.288	2004.030	01/11/04	3.7
96.8	0.4	24.479	2004.221	03/21/04	4.0
96.2	1.2	24.613	2004.355	05/09/04	3.9
96.4	0.8	24.824	2004.566	07/25/04	3.9
95.2	1.0	24.938	2004.680	09/05/04	3.8
93.2	0.9	25.168	2004.910	11/28/04	3.7
98.1	0.7	25.299	2005.041	01/15/05	3.9
97.8	1.3	25.436	2005.178	03/06/05	3.8
96.7	0.4	25.628	2005.370	05/15/05	3.8

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97.0	0.4	25.820	2005.562	07/24/05	3.8
94.1	2.0	26.146	2005.888	11/20/05	3.6
101.7	2.4	26.376	2006.118	02/12/06	3.9
102.4	1.3	26.584	2006.326	04/29/06	3.9
104.3	0.8	26.721	2006.463	06/18/06	3.9
99.1	0.3	26.990	2006.732	09/24/06	3.7
103.5	0.5	27.296	2007.038	01/04/07	3.8

CSAL

CSAL - Salvio Street, Concord Concord fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.5	0.000	1979.748	09/30/79	
8.8	1.8	0.173	1979.921	12/02/79	
8.5	1.3	0.307	1980.055	01/20/80	
10.0	0.9	0.326	1980.074	01/27/80	
8.8	1.9	0.345	1980.093	02/03/80	
9.2	0.6	0.785	1980.533	07/13/80	
8.7	0.6	0.957	1980.705	09/14/80	9.1
8.3	0.5	1.110	1980.858	11/09/80	7.5
8.6	1.4	1.301	1981.049	01/18/81	6.6
9.8	0.5	1.359	1981.107	02/08/81	7.2
9.2	0.5	1.704	1981.452	06/14/81	5.4
9.3	0.3	1.857	1981.605	08/09/81	5.0
9.6	0.6	2.184	1981.932	12/06/81	4.4
11.9	1.0	2.490	1982.238	03/28/82	4.8
12.2	1.4	2.701	1982.449	06/13/82	4.5
11.9	0.6	2.816	1982.564	07/25/82	4.2
12.3	0.5	2.970	1982.718	09/19/82	4.1
10.6	0.7	3.047	1982.795	10/17/82	3.5
11.6	0.7	3.200	1982.948	12/12/82	3.6
13.0	0.4	3.411	1983.159	02/27/83	3.8
12.4	0.4	3.641	1983.389	05/22/83	3.4
12.1	0.7	3.794	1983.542	07/17/83	3.2
11.5	0.7	4.005	1983.753	10/02/83	2.9
11.1	0.6	4.178	1983.926	12/04/83	2.7
12.3	1.2	4.331	1984.079	01/29/84	2.8
12.7	1.3	4.484	1984.232	03/25/84	2.8
13.5	1.4	4.714	1984.462	06/17/84	2.9
20.0	0.7	4.905	1984.653	08/26/84	4.1
20.0	1.6	4.943	1984.691	09/09/84	4.0
20.1	0.3	5.039	1984.787	10/14/84	4.0
20.8	0.3	5.135	1984.883	11/18/84	4.0
21.2	0.3	5.307	1985.055	01/20/85	4.0
21.2	0.3	5.460	1985.208	03/17/85	3.9
20.4	0.6	5.671	1985.419	06/02/85	3.6
20.8	0.2	5.786	1985.534	07/14/85	3.6
19.5	0.9	6.016	1985.764	10/06/85	3.2
20.0	0.7	6.323	1986.071	01/26/86	3.2
22.0	0.4	6.477	1986.225	03/23/86	3.4
20.8	0.6	6.707	1986.455	06/15/86	3.1
22.0	1.0	6.841	1986.589	08/03/86	3.2
20.3	0.4	7.071	1986.819	10/26/86	2.9
20.6	0.3	7.340	1987.088	02/01/87	2.8
22.4	1.2	7.531	1987.279	04/12/87	3.0
21.9	1.0	7.704	1987.452	06/14/87	2.8
21.0	0.8	7.896	1987.644	08/23/87	2.7

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21.3	1.1	8.164	1987.912	11/29/87	2.6
29.0	0.8	8.394	1988.142	02/21/88	3.5
28.8	0.5	8.471	1988.219	03/20/88	3.4
29.2	0.9	8.566	1988.314	04/24/88	3.4
30.3	0.6	8.777	1988.525	07/10/88	3.5
29.7	0.9	8.949	1988.697	09/11/88	3.3
28.9	0.5	9.121	1988.869	11/13/88	3.2
28.3	0.4	9.331	1989.079	01/29/89	3.0
31.0	0.2	9.523	1989.271	04/09/89	3.3
31.5	1.2	9.715	1989.463	06/18/89	3.2
31.9	0.6	9.888	1989.636	08/20/89	3.2
33.0	1.3	10.156	1989.904	11/26/89	3.2
33.8	0.8	10.348	1990.096	02/04/90	3.3
34.5	1.0	10.444	1990.192	03/11/90	3.3
35.0	0.3	10.518	1990.266	04/07/90	3.3
35.9	0.3	10.578	1990.326	04/29/90	3.4
35.2	0.9	10.731	1990.479	06/24/90	3.3
33.9	1.6	10.885	1990.633	08/19/90	3.1
35.0	0.9	11.019	1990.767	10/07/90	3.2
33.3	0.5	11.192	1990.940	12/09/90	3.0
34.2	1.1	11.364	1991.112	02/10/91	3.0
35.8	0.9	11.518	1991.266	04/07/91	3.1
36.1	1.1	11.729	1991.477	06/23/91	3.1
35.8	1.3	11.863	1991.611	08/11/91	3.0
35.2	0.7	11.997	1991.745	09/29/91	2.9
36.7	0.1	12.227	1991.975	12/22/91	3.0
35.9	0.3	12.438	1992.186	03/08/92	2.9
38.1	0.9	12.591	1992.339	05/03/92	3.0
38.1	0.3	12.782	1992.530	07/12/92	3.0
35.2	1.3	13.031	1992.779	10/11/92	2.7
35.3	1.0	13.184	1992.932	12/06/92	2.7
41.4	1.5	13.433	1993.181	03/07/93	3.1
45.5	0.8	13.625	1993.373	05/16/93	3.3
44.7	0.8	13.874	1993.622	08/15/93	3.2
45.3	0.6	14.027	1993.775	10/10/93	3.2
45.2	1.3	14.216	1993.964	12/18/93	3.2
45.9	2.4	14.449	1994.197	03/13/94	3.2
47.0	1.1	14.622	1994.370	05/15/94	3.2
45.1	1.3	14.814	1994.562	07/24/94	3.0
45.5	5.4	15.003	1994.751	10/01/94	3.0
45.5	1.0	15.194	1994.942	12/10/94	3.0
47.7	1.8	15.351	1995.099	02/05/95	3.1
47.5	0.9	15.427	1995.175	03/05/95	3.1
46.6	0.5	15.715	1995.463	06/18/95	3.0
46.1	1.1	15.945	1995.693	09/10/95	2.9
45.7	1.0	16.156	1995.904	11/26/95	2.8
45.9	2.3	16.288	1996.036	01/13/96	2.8
47.5	2.6	16.501	1996.249	03/31/96	2.9
47.3	2.4	16.730	1996.478	06/23/96	2.8

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46.8	1.5	16.902	1996.650	08/25/96	2.8
46.1	1.3	17.074	1996.822	10/27/96	2.7
54.3	1.0	17.208	1996.956	12/15/96	3.2
55.3	1.0	17.457	1997.205	03/16/97	3.2
54.3	0.3	17.630	1997.378	05/18/97	3.1
55.3	0.5	17.764	1997.512	07/06/97	3.1
54.8	0.6	17.994	1997.742	09/28/97	3.0
55.4	0.8	18.167	1997.915	11/30/97	3.0
56.0	0.4	18.301	1998.049	01/18/98	3.1
55.7	0.2	18.455	1998.203	03/15/98	3.0
57.8	0.6	18.685	1998.433	06/07/98	3.1
58.0	0.6	18.838	1998.586	08/02/98	3.1
56.8	0.9	19.068	1998.816	10/25/98	3.0
55.4	0.7	19.222	1998.970	12/20/98	2.9
57.2	0.2	19.392	1999.140	02/20/99	3.0
57.6	0.3	19.510	1999.258	04/04/99	3.0
58.2	0.7	19.682	1999.430	06/06/99	3.0
58.0	1.4	19.855	1999.603	08/08/99	2.9
56.5	2.4	20.036	1999.814	10/24/99	2.8
57.3	2.8	20.189	1999.967	12/19/99	2.8
57.6	2.4	20.410	2000.158	02/27/00	2.8
58.2	1.6	20.563	2000.311	04/23/00	2.8
58.4	1.8	20.736	2000.484	06/25/00	2.8
56.7	0.8	20.908	2000.656	08/27/00	2.7
57.7	1.8	21.042	2000.790	10/15/00	2.7
58.8	0.9	21.195	2000.943	12/10/00	2.8
59.4	1.2	21.367	2001.115	02/11/01	2.8
68.1	1.7	21.655	2001.403	05/27/01	3.1
68.0	3.0	21.808	2001.556	07/22/01	3.1
67.0	1.8	21.981	2001.729	09/23/01	3.1
67.3	4.5	22.153	2001.901	11/25/01	3.0
68.6	2.0	22.364	2002.112	02/10/02	3.1
70.1	4.7	22.556	2002.304	04/21/02	3.1
68.2	1.4	22.748	2002.496	06/30/02	3.0
67.0	0.7	22.959	2002.707	09/15/02	2.9
69.2	0.5	23.151	2002.899	11/24/02	3.0
69.2	1.0	23.419	2003.167	03/02/03	3.0
70.3	0.8	23.707	2003.455	06/15/03	3.0
70.1	0.5	23.866	2003.614	08/12/03	2.9
68.5	3.7	24.148	2003.896	11/23/03	2.8
70.3	2.3	24.282	2004.030	01/11/04	2.9
78.0	0.6	24.473	2004.221	03/21/04	3.2
77.8	2.2	24.607	2004.355	05/09/04	3.2
77.0	0.6	24.818	2004.566	07/25/04	3.1
76.4	1.7	24.932	2004.680	09/05/04	3.1
78.4	2.1	25.162	2004.910	11/28/04	3.1
77.8	1.3	25.293	2005.041	01/15/05	3.1
78.9	2.5	25.430	2005.178	03/06/05	3.1
79.2	2.3	25.622	2005.370	05/15/05	3.1

CSAL

79.4	1.3	26.140	2005.888	11/20/05	3.0
83.7	2.1	26.482	2006.230	03/25/06	3.2
83.5	0.7	26.715	2006.463	06/18/06	3.1
81.6	0.5	26.984	2006.732	09/24/06	3.0
83.6	0.8	27.290	2007.038	01/14/07	3.1

CV7S

CV7S - Seventh Street, Hollister Calaveras fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	2.1	0.000	1979.745	09/29/79	
-0.8	1.0	0.077	1979.822	10/27/79	
-2.2	0.8	0.296	1980.041	01/15/80	
4.2	1.0	0.422	1980.167	03/01/80	
3.3	0.6	0.441	1980.186	03/08/80	
2.9	0.6	0.594	1980.339	05/03/80	
3.7	0.9	0.728	1980.473	06/21/80	5.1
5.2	1.2	1.302	1981.047	01/17/81	4.0
14.7	0.7	1.723	1981.468	06/20/81	8.5
23.0	0.8	1.896	1981.641	08/22/81	12.1
21.7	0.6	2.203	1981.948	12/12/81	9.9
20.1	0.5	2.567	1982.312	04/24/82	7.8
18.0	0.3	2.836	1982.581	07/31/82	6.3
28.9	1.0	2.970	1982.715	09/18/82	9.7
27.6	0.5	3.162	1982.907	11/27/82	8.7
29.3	0.3	3.411	1983.156	02/26/83	8.6
34.3	0.5	3.608	1983.353	05/09/83	9.5
33.6	0.5	3.702	1983.447	06/12/83	9.1
32.7	0.5	3.841	1983.586	08/02/83	8.5
32.4	0.2	4.063	1983.808	10/22/83	8.0
30.0	0.6	4.332	1984.077	01/28/84	6.9
30.0	0.6	4.572	1984.317	04/25/84	6.6
37.4	0.7	4.676	1984.421	06/02/84	8.0
41.4	0.4	4.774	1984.519	07/08/84	8.7
40.6	0.3	4.864	1984.609	08/10/84	8.3
39.7	0.4	5.023	1984.768	10/07/84	7.9
39.6	0.5	5.192	1984.937	12/08/84	7.6
38.3	0.8	5.326	1985.071	01/26/85	7.2
43.9	0.3	5.518	1985.263	04/06/85	8.0
44.7	0.9	5.748	1985.493	06/29/85	7.8
44.8	0.5	6.000	1985.745	09/29/85	7.5
43.3	0.3	6.189	1985.934	12/07/85	7.0
47.8	0.5	6.334	1986.079	01/29/86	7.5
47.9	0.8	6.381	1986.126	02/15/86	7.5
48.3	0.6	6.592	1986.337	05/03/86	7.3
47.4	0.4	6.682	1986.427	06/05/86	7.1
49.3	0.7	6.860	1986.605	08/09/86	7.2
49.2	0.6	7.033	1986.778	10/11/86	7.0
49.1	1.2	7.187	1986.932	12/06/86	6.8
47.7	0.8	7.417	1987.162	02/28/87	6.4
47.1	1.0	7.669	1987.414	05/31/87	6.1
48.4	0.6	7.877	1987.622	08/15/87	6.1
49.4	0.4	8.145	1987.890	11/21/87	6.1
49.6	0.4	8.337	1988.082	01/30/88	5.9
55.5	0.4	8.416	1988.161	02/28/88	6.6

CV7S

56.8	0.4	8.586	1988.331	04/30/88	6.6
57.5	0.7	8.709	1988.454	06/14/88	6.6
57.0	0.6	8.777	1988.522	07/09/88	6.5
63.6	1.1	9.009	1988.754	10/02/88	7.1
64.9	1.0	9.178	1988.923	12/03/88	7.1
63.4	0.7	9.370	1989.115	02/11/89	6.8
64.4	1.1	9.523	1989.268	04/08/89	6.8
66.0	0.8	9.715	1989.460	06/17/89	6.8
67.5	1.1	9.888	1989.633	08/19/89	6.8
81.1	0.8	10.060	1989.805	10/21/89	8.1
78.6	0.3	10.118	1989.863	11/11/89	7.8
80.8	0.6	10.195	1989.940	12/09/89	7.9
81.5	0.6	10.291	1990.036	01/13/90	7.9
79.9	0.2	10.406	1990.151	02/24/90	7.7
80.6	0.4	10.540	1990.285	04/14/90	7.6
81.4	0.8	10.636	1990.381	05/19/90	7.7
81.7	0.6	10.773	1990.518	07/08/90	7.6
82.2	0.7	10.869	1990.614	08/12/90	7.6
83.7	0.5	10.984	1990.729	09/23/90	7.6
84.4	0.2	11.096	1990.841	11/03/90	7.6
84.4	0.9	11.326	1991.071	01/26/91	7.5
84.8	0.7	11.518	1991.263	04/06/91	7.4
85.9	0.7	11.748	1991.493	06/29/91	7.3
86.8	0.4	11.940	1991.685	09/07/91	7.3
89.4	1.0	12.132	1991.877	11/16/91	7.4
89.1	1.3	12.310	1992.055	01/20/92	7.2
88.7	0.9	12.534	1992.279	04/11/92	7.1
91.7	0.5	12.725	1992.470	06/20/92	7.2
89.9	1.9	12.881	1992.626	08/16/92	7.0
92.9	1.0	13.053	1992.798	10/18/92	7.1
92.8	1.3	13.225	1992.970	12/20/92	7.0
92.9	0.8	13.299	1993.044	01/16/93	7.0
93.0	1.9	13.452	1993.197	03/13/93	6.9
93.6	1.5	13.608	1993.353	05/09/93	6.9
94.0	0.7	13.817	1993.562	07/24/93	6.8
95.6	1.7	13.913	1993.658	08/28/93	6.9
96.8	1.4	14.085	1993.830	10/30/93	6.9
95.9	0.4	14.296	1994.041	01/15/94	6.7
94.8	1.6	14.488	1994.233	03/26/94	6.5
95.7	0.4	14.680	1994.425	06/04/94	6.5
96.1	0.2	14.858	1994.603	08/08/94	6.5
101.3	0.9	15.121	1994.866	11/12/94	6.7
99.2	0.3	15.315	1995.060	01/22/95	6.5
98.4	1.4	15.562	1995.307	04/22/95	6.3
98.6	0.9	15.584	1995.329	04/30/95	6.3
104.8	0.4	15.792	1995.537	07/15/95	6.6
106.9	0.7	16.025	1995.770	10/08/95	6.7
115.1	0.4	16.252	1995.997	12/30/95	7.1
113.3	1.4	16.444	1996.189	03/09/96	6.9

CV7S

113.8	2.7	16.580	1996.325	04/28/96	6.9
112.8	1.0	16.654	1996.399	05/25/96	6.8
113.4	0.9	16.826	1996.571	07/27/96	6.7
111.7	0.7	16.998	1996.743	09/28/96	6.6
111.6	0.6	17.132	1996.877	11/16/96	6.5
113.9	0.3	17.304	1997.049	01/18/97	6.6
113.2	0.7	17.477	1997.222	03/22/97	6.5
112.3	1.1	17.611	1997.356	05/10/97	6.4
112.8	0.6	17.784	1997.529	07/12/97	6.3
124.1	0.9	17.978	1997.723	09/21/97	6.9
124.6	0.7	18.167	1997.912	11/29/97	6.9
124.7	1.1	18.340	1998.085	01/31/98	6.8
124.5	0.9	18.496	1998.241	03/29/98	6.7
123.0	1.1	18.666	1998.411	05/30/98	6.6
122.4	1.4	18.819	1998.564	07/25/98	6.5
124.6	0.4	18.877	1998.622	08/15/98	6.6
127.2	0.9	19.088	1998.833	10/31/98	6.7
128.0	0.5	19.280	1999.025	01/09/99	6.6
127.1	0.8	19.436	1999.181	03/07/99	6.5
126.7	1.1	19.606	1999.351	05/08/99	6.5
127.3	0.2	19.778	1999.523	07/10/99	6.4
127.2	0.6	19.989	1999.734	09/25/99	6.4
127.3	0.3	20.162	1999.907	11/27/99	6.3
139.1	0.3	20.353	2000.098	02/05/00	6.8
140.1	0.6	20.525	2000.270	04/08/00	6.8
138.9	0.1	20.698	2000.443	06/10/00	6.7
138.8	0.2	20.889	2000.634	08/19/00	6.6
141.1	0.2	21.042	2000.787	10/14/00	6.7
141.6	0.3	21.214	2000.959	12/16/00	6.7
141.9	1.5	21.408	2001.153	02/25/01	6.6
143.5	0.7	21.559	2001.304	04/21/01	6.7
142.4	0.5	21.770	2001.515	07/07/01	6.5
144.2	0.5	21.943	2001.688	09/08/01	6.6
153.6	0.4	22.192	2001.937	12/08/01	6.9
155.6	0.2	22.365	2002.110	02/09/02	7.0
154.5	0.8	22.595	2002.340	05/04/02	6.8
155.0	0.7	22.806	2002.551	07/20/02	6.8
159.9	0.9	22.998	2002.743	09/28/02	7.0
162.7	1.0	23.132	2002.877	11/16/02	7.0
162.1	0.8	23.343	2003.088	02/01/03	6.9
161.7	0.9	23.554	2003.299	04/19/03	6.9
161.8	0.5	23.688	2003.433	06/07/03	6.8
173.2	1.2	23.924	2003.669	09/01/03	7.2
172.8	0.4	24.170	2003.915	12/21/03	7.1
172.5	1.4	24.378	2004.123	03/20/04	7.1
172.5	1.0	24.572	2004.317	04/25/04	7.0
172.8	0.6	24.780	2004.525	07/10/04	7.0
171.6	1.5	24.990	2004.735	09/25/04	6.9
171.0	2.0	25.146	2004.891	11/21/04	6.8

CV7S

174.3	0.5	25.335	2005.080	01/29/05	6.9
182.5	1.6	25.529	2005.274	04/23/05	7.2
181.4	0.5	25.737	2005.482	06/25/05	7.0
181.5	0.4	25.929	2005.674	09/03/05	7.0
181.3	1.0	26.104	2005.849	11/06/05	6.9
183.2	1.2	26.351	2006.096	02/04/06	7.0
189.2	0.5	26.562	2006.307	04/22/06	7.1
189.1	0.9	26.696	2006.441	06/10/06	7.1
192.2	0.8	26.869	2006.614	08/12/06	7.2
193.0	1.6	27.044	2006.789	10/15/06	7.1
194.9	0.2	27.310	2007.055	01/20/07	7.1

CVCP

CVCP - Corey Place, San Ramon Calaveras fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average	after 1992.852 mm/yr-simple average
0.0	1.2	0.000	1980.896	11/23/80		
-0.6	0.8	0.137	1981.033	01/12/81		
-0.5	0.8	0.156	1981.052	01/19/81		
-0.4	0.6	0.381	1981.277	04/11/81		
0.6	0.3	0.657	1981.553	07/21/81		
0.5	0.6	0.729	1981.625	08/16/81	0.7	
0.3	0.8	1.156	1982.052	01/19/82	0.3	
0.8	0.7	1.419	1982.315	04/25/82	0.6	
0.9	1.0	1.564	1982.460	06/17/82	0.6	
2.6	1.0	1.688	1982.584	08/01/82	1.5	
3.0	1.1	1.742	1982.638	08/21/82	1.7	
2.2	0.1	2.129	1983.025	01/09/83	1.0	
2.4	0.5	2.490	1983.386	05/21/83	1.0	
3.5	0.7	2.559	1983.455	06/15/83	1.4	
4.6	1.5	2.652	1983.548	07/19/83	1.7	
3.3	0.8	2.704	1983.600	08/07/83	1.2	
3.2	0.9	3.156	1984.052	01/19/84	1.0	
3.5	0.9	3.432	1984.328	04/29/84	1.0	
4.0	0.5	3.527	1984.423	06/03/84	1.1	
1.6	0.8	3.752	1984.648	08/24/84	0.4	
3.8	0.9	3.888	1984.784	10/13/84	1.0	
4.4	0.5	4.238	1985.134	02/18/85	1.0	
4.8	0.8	4.468	1985.364	05/13/85	1.1	
6.3	0.6	4.603	1985.499	07/01/85	1.4	
5.5	0.1	4.679	1985.575	07/29/85	1.2	
4.4	0.4	4.885	1985.781	10/12/85	0.9	
2.2	0.2	5.172	1986.068	01/25/86	0.4	
2.8	0.7	5.367	1986.263	04/06/86	0.5	
2.0	0.7	5.885	1986.781	10/12/86	0.3	
2.6	1.2	6.172	1987.068	01/25/87	0.4	
1.4	0.6	6.364	1987.260	04/05/87	0.2	
4.3	0.3	6.638	1987.534	07/14/87	0.6	
1.1	1.0	7.014	1987.910	11/28/87	0.2	
2.7	0.8	7.208	1988.104	02/07/88	0.4	
3.9	1.4	7.437	1988.333	05/01/88	0.5	
1.5	0.4	7.601	1988.497	06/30/88	0.2	
0.2	0.8	7.932	1988.828	10/29/88	0.0	
1.1	0.9	8.181	1989.077	01/28/89	0.1	
3.0	0.5	8.394	1989.290	04/16/89	0.4	
2.3	0.5	8.622	1989.518	07/08/89	0.3	
2.0	1.2	8.970	1989.866	11/12/89	0.2	
1.2	1.0	9.162	1990.058	01/21/90	0.1	
2.7	0.4	9.312	1990.208	03/17/90	0.3	
3.0	1.0	9.370	1990.266	04/07/90	0.3	
3.3	0.9	9.463	1990.359	05/11/90	0.3	

CVCP

2.3	1.3	9.660	1990.556	07/22/90	0.2	
3.1	1.3	9.819	1990.715	09/18/90	0.3	
0.1	0.6	9.983	1990.879	11/17/90	0.0	
4.8	1.0	10.236	1991.132	02/17/91	0.5	
4.5	0.7	10.400	1991.296	04/18/91	0.4	
3.2	0.9	10.559	1991.455	06/15/91	0.3	
3.2	0.6	10.657	1991.553	07/21/91	0.3	
3.2	0.6	10.846	1991.742	09/28/91	0.3	
3.0	0.6	11.003	1991.899	11/24/91	0.3	
4.3	0.8	11.156	1992.052	01/19/92	0.4	
5.7	1.3	11.424	1992.320	04/26/92	0.5	
1.1	2.0	11.765	1992.661	08/29/92	0.1	
2.7	0.5	11.956	1992.852	11/07/92	0.2	
6.7	1.0	12.208	1993.104	02/07/93	0.5	
8.1	1.1	12.764	1993.660	08/29/93	0.6	
9.4	1.2	13.030	1993.926	12/04/93	0.7	6.2
9.7	0.6	13.282	1994.178	03/06/94	0.7	5.3
12.7	0.8	13.433	1994.329	04/30/94	0.9	6.8
11.5	0.6	13.699	1994.595	08/05/94	0.8	5.0
11.5	1.7	14.008	1994.904	11/26/94	0.8	4.3
17.5	0.9	14.200	1995.096	02/04/95	1.2	6.6
16.6	0.7	14.488	1995.384	05/20/95	1.1	5.5
17.7	0.3	14.759	1995.655	08/27/95	1.2	5.4
17.5	0.9	14.970	1995.866	11/12/95	1.2	4.9
20.1	1.0	15.120	1996.016	01/06/96	1.3	5.5
19.8	0.8	15.312	1996.208	03/16/96	1.3	5.1
20.1	2.9	15.522	1996.418	06/01/96	1.3	4.9
20.3	0.9	15.754	1996.650	08/25/96	1.3	4.6
21.3	0.4	16.003	1996.899	11/24/96	1.3	4.6
22.0	0.6	16.134	1997.030	01/11/97	1.4	4.6
20.9	0.8	16.345	1997.241	03/29/97	1.3	4.1
22.2	0.3	16.501	1997.397	05/25/97	1.3	4.3
21.6	0.9	16.652	1997.548	07/19/97	1.3	4.0
22.7	1.2	16.805	1997.701	09/13/97	1.4	4.1
24.4	0.9	16.997	1997.893	11/22/97	1.4	4.3
23.9	1.0	17.249	1998.145	02/22/98	1.4	4.0
25.8	0.8	17.400	1998.296	04/18/98	1.5	4.2
23.9	1.4	17.688	1998.584	08/01/98	1.4	3.7
24.6	0.6	17.860	1998.756	10/03/98	1.4	3.7
24.4	0.5	18.036	1998.932	12/06/98	1.4	3.6
27.9	0.4	18.244	1999.140	02/20/99	1.5	4.0
31.0	0.2	18.416	1999.312	04/24/99	1.7	4.4
31.7	1.1	18.551	1999.447	06/12/99	1.7	4.4
31.2	1.7	18.742	1999.638	08/21/99	1.7	4.2
31.8	0.5	18.899	1999.795	10/17/99	1.7	4.2
32.6	0.5	19.052	1999.948	12/12/99	1.7	4.2
31.9	1.1	19.205	2000.101	02/06/00	1.7	4.0
32.5	0.6	19.413	2000.309	04/22/00	1.7	4.0
33.1	1.3	19.566	2000.462	06/17/00	1.7	4.0

CVCP

32.9	1.1	19.721	2000.617	08/13/00	1.7	3.9
34.3	1.0	20.044	2000.940	12/09/00	1.7	3.9
34.9	0.4	20.216	2001.112	02/10/01	1.7	3.9
36.0	0.8	20.447	2001.343	05/05/01	1.8	3.9
33.9	0.4	20.636	2001.532	07/14/01	1.6	3.6
33.9	0.5	20.814	2001.710	09/16/01	1.6	3.5
35.0	1.4	21.005	2001.901	11/25/01	1.7	3.6
34.6	1.0	21.194	2002.090	02/02/02	1.6	3.4
34.3	1.3	21.389	2002.285	04/14/02	1.6	3.4
35.0	2.1	21.559	2002.455	06/15/02	1.6	3.4
35.4	0.8	21.789	2002.685	09/07/02	1.6	3.3
34.8	0.9	22.003	2002.899	11/24/02	1.6	3.2
36.1	0.7	22.016	2002.912	11/30/02	1.6	3.3
35.9	0.7	22.173	2003.069	01/25/03	1.6	3.3
36.5	0.7	22.214	2003.110	02/09/03	1.6	3.3
36.6	0.5	22.329	2003.225	03/23/03	1.6	3.3
35.8	1.0	22.517	2003.413	05/31/03	1.6	3.1
34.6	1.1	22.693	2003.589	08/03/03	1.5	3.0
35.7	0.8	22.959	2003.855	11/08/03	1.6	3.0
37.5	1.0	23.170	2004.066	01/24/04	1.6	3.1
37.7	0.5	23.342	2004.238	03/27/04	1.6	3.1
37.9	0.9	23.536	2004.432	06/06/04	1.6	3.0
36.5	0.6	23.743	2004.639	08/21/04	1.5	2.9
35.5	0.5	23.877	2004.773	10/09/04	1.5	2.8
35.8	1.4	24.033	2004.929	12/05/04	1.5	2.7
36.7	0.9	24.225	2005.121	02/13/05	1.5	2.8
40.5	0.8	24.455	2005.351	05/08/05	1.7	3.0
38.4	1.4	24.605	2005.501	07/02/05	1.6	2.8
39.8	1.0	24.915	2005.811	10/23/05	1.6	2.9
40.0	0.7	25.123	2006.019	01/07/06	1.6	2.8
40.4	0.6	25.507	2006.403	05/27/06	1.6	2.8
40.8	0.8	25.701	2006.597	08/06/06	1.6	2.8

CVCR

CVCR - Coyote Ranch near Gilroy Calaveras fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.0	0.000	1968.339	05/03/68	
1.7	0.0	1.031	1969.370	05/15/69	1.6
12.8	0.0	2.239	1970.578	07/30/70	5.7
31.2	0.0	4.205	1972.544	07/17/72	7.4
31.2	1.2	4.232	1972.571	07/27/72	7.4
33.8	0.4	4.998	1973.337	05/03/73	6.8
102.2	0.0	11.258	1979.597	08/06/79	9.1
106.5	0.0	11.286	1979.625	08/16/79	9.4
107.5	0.0	11.299	1979.638	08/21/79	9.5
113.3	0.0	11.327	1979.666	08/31/79	10.0
240.1	0.4	16.207	1984.546	07/18/84	14.8
302.3	0.4	18.165	1986.504	07/03/86	16.6
344.6	1.1	20.022	1988.361	05/11/88	17.2
474.3	1.2	28.727	1997.066	01/24/97	16.5
475.7	0.6	28.886	1997.225	03/23/97	16.5
484.4	0.6	29.075	1997.414	05/31/97	16.7
494.1	0.7	29.250	1997.589	08/03/97	16.9
488.3	1.3	29.423	1997.762	10/05/97	16.6
486.3	0.3	29.593	1997.932	12/06/97	16.4
486.0	0.9	29.883	1998.222	03/22/98	16.3
505.2	0.4	30.146	1998.485	06/26/98	16.8
501.6	0.8	30.398	1998.737	09/26/98	16.5
500.7	0.6	30.573	1998.912	11/29/98	16.4
501.8	0.3	30.762	1999.101	02/06/99	16.3
504.4	0.7	30.954	1999.293	04/17/99	16.3
509.0	1.1	31.127	1999.466	06/19/99	16.4
516.2	1.4	31.302	1999.641	08/22/99	16.5
520.6	1.1	31.472	1999.811	10/23/99	16.5
514.0	0.5	31.625	1999.964	12/18/99	16.3
516.8	0.6	31.817	2000.156	02/26/00	16.2
521.3	0.9	31.989	2000.328	04/29/00	16.3
528.9	0.6	32.180	2000.519	07/08/00	16.4
534.1	0.2	32.393	2000.732	09/24/00	16.5
527.2	0.5	32.563	2000.902	11/25/00	16.2
531.7	0.8	32.735	2001.074	01/27/01	16.2
531.7	0.4	32.930	2001.269	04/08/01	16.1
540.2	0.6	33.138	2001.477	06/23/01	16.3
544.3	0.6	33.253	2001.592	08/04/01	16.4
546.2	1.6	33.420	2001.759	10/04/01	16.3
539.5	0.3	33.694	2002.033	01/12/02	16.0
542.2	1.9	33.867	2002.206	03/16/02	16.0
548.6	0.8	34.058	2002.397	05/25/02	16.1
553.8	0.7	34.214	2002.553	07/21/02	16.2
558.6	0.8	34.423	2002.762	10/05/02	16.2
552.6	0.4	34.576	2002.915	11/30/02	16.0

CVCR

554.7	0.6	34.787	2003.126	02/15/03	15.9
559.3	0.9	35.036	2003.375	05/17/03	16.0
568.4	0.7	35.231	2003.570	07/27/03	16.1
576.6	0.5	35.439	2003.778	10/11/03	16.3
574.4	0.9	35.634	2003.973	12/21/03	16.1
574.0	0.6	35.844	2004.183	03/07/04	16.0
577.7	0.9	35.994	2004.333	05/01/04	16.1
588.1	0.7	36.224	2004.563	07/24/04	16.2
591.5	1.5	36.415	2004.754	10/02/04	16.2
590.8	0.5	36.626	2004.965	12/18/04	16.1
589.5	1.0	36.894	2005.233	03/26/05	16.0
592.5	0.9	37.105	2005.444	06/11/05	16.0
595.3	1.3	37.316	2005.655	08/27/05	16.0
599.6	0.7	37.527	2005.866	11/12/05	16.0
599.0	0.6	37.741	2006.080	01/29/06	15.9
601.3	0.9	37.990	2006.329	04/30/06	15.8
602.5	0.5	38.121	2006.460	06/17/06	15.8
611.4	0.9	38.409	2006.748	09/30/06	15.9
614.1	1.1	38.718	2007.058	01/21/07	15.9

CVSP

CVSP - Shannon Park, Dublin Calaveras fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average	mm/yr linear regression
0.0	0.3	0.000	2002.005	1/2/02		
-1.6	0.3	0.896	2002.901	11/25/02		
-4.3	0.3	1.850	2003.855	11/8/03	-2.3	
-5.6	1.0	2.768	2004.773	10/9/04	-2.0	
4.5	0.3	3.806	2005.811	10/23/05	1.2	
3.2	0.7	5.055	2007.060	01/22/07	0.6	1.0 ± 0.9

CVSU

CVSU - Sunol Calaveras fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average	mm/yr linear regression
0.0	0.6	0.000	2002.896	11/23/02		
1.1	0.8	0.992	2003.888	11/20/03		
2.7	0.8	1.935	2004.831	10/30/04	1.4	
3.2	0.6	2.915	2005.811	10/23/05	1.1	
-0.1	0.3	4.164	2007.060	01/22/07	0.0	0.1

CVWC

CVWC -Welch Creek Road Calaveras fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.8	0.000	1997.066	01/24/97	
-1.0	1.9	0.159	1997.225	03/23/97	
4.1	1.6	0.348	1997.414	05/31/97	
6.8	0.5	0.523	1997.589	08/03/97	
3.4	1.4	0.696	1997.762	10/05/97	
3.4	1.7	0.866	1997.932	12/06/97	3.9
-1.4	1.3	1.156	1998.222	03/22/98	-1.2
2.7	2.7	1.419	1998.485	06/26/98	1.9
6.6	1.1	1.671	1998.737	09/26/98	3.9
8.9	1.3	1.846	1998.912	11/29/98	4.8
5.0	0.7	2.074	1999.140	02/20/99	2.4
7.5	0.7	2.227	1999.293	04/17/99	3.4
8.9	0.8	2.400	1999.466	06/19/99	3.7
13.5	0.7	2.745	1999.811	10/23/99	4.9
12.7	2.8	2.898	1999.964	12/18/99	4.4
10.4	1.0	3.090	2000.156	02/26/00	3.4
7.4	2.1	3.262	2000.328	04/29/00	2.3
14.9	0.3	3.453	2000.519	07/08/00	4.3
14.8	1.9	3.666	2000.732	09/24/00	4.0
14.1	1.3	3.836	2000.902	11/25/00	3.7
13.9	1.1	4.008	2001.074	01/27/01	3.5
13.8	0.7	4.202	2001.269	04/08/01	3.29
16.2	0.7	4.411	2001.477	06/23/01	3.68
18.8	0.4	4.526	2001.592	08/04/01	4.14
20.5	1.2	4.687	2001.753	10/02/01	4.36
18.2	0.2	4.967	2002.033	01/12/02	3.66
17.8	0.8	5.140	2002.206	03/16/02	3.47
18.6	0.7	5.331	2002.397	05/25/02	3.49
25.9	0.7	5.487	2002.553	07/21/02	4.71
25.4	0.2	5.696	2002.762	10/05/02	4.46
26.0	0.5	5.849	2002.915	11/30/02	4.44
23.2	0.6	6.060	2003.126	02/15/03	3.83
22.8	0.7	6.309	2003.375	05/17/03	3.61
26.5	0.8	6.504	2003.570	07/27/03	4.07
29.4	0.8	6.712	2003.778	10/11/03	4.39
32.0	0.4	6.789	2003.855	11/08/03	4.71
30.1	0.8	7.002	2004.068	01/25/04	4.30
28.6	0.2	7.117	2004.183	03/07/04	4.01
30.8	0.4	7.267	2004.333	05/01/04	4.24
35.3	0.9	7.497	2004.563	07/24/04	4.71
33.2	1.3	7.707	2004.773	10/09/04	4.30
34.8	1.0	7.899	2004.965	12/18/04	4.40
31.5	0.6	8.186	2005.252	04/02/05	3.85
31.6	1.2	8.378	2005.444	06/11/05	3.77
36.0	1.0	8.589	2005.655	08/27/05	4.20

CVWC

37.9	0.6	8.745	2005.811	10/23/05	4.33
35.3	0.3	9.014	2006.080	01/29/06	3.92
35.8	0.4	9.263	2006.329	04/30/06	3.86
36.6	1.2	9.353	2006.419	06/02/06	3.91
42.2	0.3	9.682	2006.748	09/30/06	4.36
40.6	0.9	9.991	2007.058	01/21/07	4.07

CVWR

CVWR - Wright Road Calaveras fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.5	0.000	1979.805	10/21/79	
-0.1	0.4	0.255	1980.060	01/22/80	
4.3	0.6	0.362	1980.167	03/01/80	
3.7	0.9	0.381	1980.186	03/08/80	
4.8	1.1	0.534	1980.339	05/03/80	
8.0	1.6	0.668	1980.473	06/21/80	12.0
19.3	1.2	1.242	1981.047	01/17/81	15.5
20.3	0.5	1.663	1981.468	06/20/81	12.2
30.7	0.5	1.836	1981.641	08/22/81	16.7
31.6	0.6	2.143	1981.948	12/12/81	14.7
31.7	0.1	2.507	1982.312	04/24/82	12.6
38.8	0.3	2.776	1982.581	07/31/82	14.0
45.2	0.5	3.102	1982.907	11/27/82	14.6
45.8	0.6	3.351	1983.156	02/26/83	13.7
51.5	0.2	3.548	1983.353	05/09/83	14.5
51.9	0.1	3.642	1983.447	06/12/83	14.3
52.8	0.2	3.781	1983.586	08/02/83	14.0
53.9	0.5	4.003	1983.808	10/22/83	13.5
58.2	0.4	4.272	1984.077	01/28/84	13.6
59.2	0.4	4.512	1984.317	04/25/84	13.1
59.6	0.5	4.616	1984.421	06/02/84	12.9
70.0	0.7	4.673	1984.478	06/23/84	15.0
66.3	0.3	4.714	1984.519	07/08/84	14.1
72.5	0.4	4.804	1984.609	08/10/84	15.1
72.2	0.4	4.963	1984.768	10/07/84	14.5
72.6	0.7	5.132	1984.937	12/08/84	14.1
72.0	0.6	5.266	1985.071	01/26/85	13.7
76.2	0.8	5.458	1985.263	04/06/85	14.0
83.4	0.3	5.688	1985.493	06/29/85	14.7
86.8	0.4	5.940	1985.745	09/29/85	14.6
86.4	0.1	6.129	1985.934	12/07/85	14.1
86.9	0.7	6.274	1986.079	01/29/86	13.9
87.1	0.8	6.321	1986.126	02/15/86	13.8
86.7	0.4	6.532	1986.337	05/03/86	13.3
87.7	0.5	6.622	1986.427	06/05/86	13.2
86.7	0.7	6.800	1986.605	08/09/86	12.8
87.3	0.4	6.973	1986.778	10/11/86	12.5
88.3	0.9	7.127	1986.932	12/06/86	12.4
94.2	0.8	7.357	1987.162	02/28/87	12.8
94.5	1.2	7.609	1987.414	05/31/87	12.4
99.7	0.8	7.724	1987.529	07/12/87	12.9
100.8	0.6	7.817	1987.622	08/15/87	12.9
100.2	1.0	8.085	1987.890	11/21/87	12.4
103.9	0.3	8.277	1988.082	01/30/88	12.6
104.4	0.7	8.356	1988.161	02/28/88	12.5

CVWR

103.6	0.4	8.526	1988.331	04/30/88	12.2
105.1	0.6	8.649	1988.454	06/14/88	12.2
104.2	0.6	8.717	1988.522	07/09/88	12.0
111.8	0.2	8.949	1988.754	10/02/88	12.5
116.0	0.4	9.118	1988.923	12/03/88	12.7
116.2	0.6	9.310	1989.115	02/11/89	12.5
116.4	0.6	9.463	1989.268	04/08/89	12.3
115.9	0.4	9.655	1989.460	06/17/89	12.0
119.2	0.2	9.828	1989.633	08/19/89	12.1
131.4	0.1	10.000	1989.805	10/21/89	13.1
132.1	0.6	10.058	1989.863	11/11/89	13.1
132.0	0.4	10.135	1989.940	12/09/89	13.0
131.8	0.4	10.231	1990.036	01/13/90	12.9
132.5	0.4	10.346	1990.151	02/24/90	12.8
131.4	0.4	10.480	1990.285	04/14/90	12.5
131.7	0.3	10.576	1990.381	05/19/90	12.5
132.9	0.3	10.713	1990.518	07/08/90	12.4
132.5	0.5	10.809	1990.614	08/12/90	12.3
133.1	0.3	10.924	1990.729	09/23/90	12.2
133.6	0.3	11.036	1990.841	11/03/90	12.1
132.9	0.5	11.266	1991.071	01/26/91	11.8
132.9	0.2	11.458	1991.263	04/06/91	11.6
133.1	0.4	11.631	1991.436	06/08/91	11.4
132.2	0.6	11.880	1991.685	09/07/91	11.1
133.0	0.5	12.072	1991.877	11/16/91	11.0
132.9	0.4	12.250	1992.055	01/20/92	10.8
131.3	0.6	12.474	1992.279	04/11/92	10.5
132.6	0.5	12.665	1992.470	06/20/92	10.5
132.4	2.0	12.821	1992.626	08/16/92	10.3
132.4	0.2	12.993	1992.798	10/18/92	10.2
130.7	0.6	13.165	1992.970	12/20/92	9.9
131.1	0.9	13.239	1993.044	01/16/93	9.9
132.9	1.3	13.392	1993.197	03/13/93	9.9
131.3	1.3	13.548	1993.353	05/09/93	9.7
131.2	0.7	13.757	1993.562	07/24/93	9.5
140.1	0.8	13.853	1993.658	08/28/93	10.1
140.3	1.6	14.025	1993.830	10/30/93	10.0
141.2	1.1	14.236	1994.041	01/15/94	9.9
141.9	0.6	14.428	1994.233	03/26/94	9.8
144.0	0.5	14.620	1994.425	06/04/94	9.8
147.3	1.4	14.798	1994.603	08/08/94	10.0
149.3	1.0	15.061	1994.866	11/12/94	9.9
147.5	0.9	15.255	1995.060	01/22/95	9.7
149.1	1.0	15.310	1995.115	02/11/95	9.7
150.9	1.6	15.502	1995.307	04/22/95	9.7
148.2	0.6	15.524	1995.329	04/30/95	9.5
156.0	0.8	15.732	1995.537	07/15/95	9.9
160.2	1.3	15.965	1995.770	10/08/95	10.0
162.8	0.8	16.192	1995.997	12/30/95	10.1

CVWR

166.5	2.6	16.384	1996.189	03/09/96	10.2
163.8	0.7	16.520	1996.325	04/28/96	9.9
165.8	3.7	16.594	1996.399	05/25/96	10.0
166.4	0.8	16.766	1996.571	07/27/96	9.9
167.5	1.0	16.938	1996.743	09/28/96	9.9
172.6	0.7	17.072	1996.877	11/16/96	10.1
172.8	1.5	17.244	1997.049	01/18/97	10.0
175.0	1.0	17.417	1997.222	03/22/97	10.0
174.1	0.4	17.551	1997.356	05/10/97	9.9
175.7	1.2	17.724	1997.529	07/12/97	9.9
185.4	0.6	17.918	1997.723	09/21/97	10.3
186.0	0.3	18.107	1997.912	11/29/97	10.3
185.0	0.7	18.280	1998.085	01/31/98	10.1
187.3	0.7	18.436	1998.241	03/29/98	10.2
187.4	0.7	18.606	1998.411	05/30/98	10.1
187.2	0.7	18.759	1998.564	07/25/98	10.0
186.8	0.6	18.817	1998.622	08/15/98	9.9
195.7	0.4	19.028	1998.833	10/31/98	10.3
196.7	1.0	19.220	1999.025	01/09/99	10.2
198.2	1.4	19.376	1999.181	03/07/99	10.2
197.1	0.8	19.546	1999.351	05/08/99	10.1
197.3	0.6	19.718	1999.523	07/10/99	10.0
196.9	0.9	19.929	1999.734	09/25/99	9.9
202.2	0.7	20.102	1999.907	11/27/99	10.1
203.4	0.7	20.293	2000.098	02/05/00	10.0
209.1	0.6	20.465	2000.270	04/08/00	10.2
208.0	0.8	20.638	2000.443	06/10/00	10.1
205.3	0.8	20.829	2000.634	08/19/00	9.9
207.2	1.3	20.982	2000.787	10/14/00	9.9
206.9	1.0	21.154	2000.959	12/16/00	9.8
211.1	0.4	21.348	2001.153	02/25/01	9.9
209.5	0.5	21.499	2001.304	04/21/01	9.7
211.8	0.7	21.710	2001.515	07/07/01	9.8
211.4	0.5	21.883	2001.688	09/08/01	9.7
220.8	0.9	22.132	2001.937	12/08/01	10.0
220.0	0.3	22.305	2002.110	02/09/02	9.9
220.5	0.8	22.535	2002.340	05/04/02	9.8
223.5	0.7	22.746	2002.551	07/20/02	9.8
227.8	0.7	22.938	2002.743	09/28/02	9.9
225.7	0.8	23.072	2002.877	11/16/02	9.8
228.3	0.5	23.283	2003.088	02/01/03	9.8
226.8	0.4	23.494	2003.299	04/19/03	9.7
228.4	0.4	23.628	2003.433	06/07/03	9.7
236.5	0.5	23.863	2003.669	09/01/03	9.9
236.5	0.8	24.168	2003.973	12/21/03	9.8
238.9	0.9	24.318	2004.123	02/14/04	9.8
237.5	0.3	24.512	2004.317	04/25/04	9.7
244.0	0.9	24.720	2004.525	07/10/04	9.9
241.8	1.1	24.930	2004.735	09/25/04	9.7

CVWR

241.8	1.5	25.086	2004.891	11/21/04	9.6
239.1	0.5	25.294	2005.099	02/05/05	9.5
248.3	0.8	25.505	2005.310	04/23/05	9.7
249.2	1.0	25.677	2005.482	06/25/05	9.7
252.6	0.3	25.869	2005.674	09/03/05	9.8
254.2	0.8	26.044	2005.849	11/06/05	9.8
254.2	0.4	26.291	2006.096	02/04/06	9.7
254.9	0.4	26.502	2006.307	04/22/06	9.6
256.8	0.3	26.636	2006.441	06/10/06	9.6
264.4	0.7	26.809	2006.614	08/12/06	9.9
267.7	1.9	26.984	2006.789	10/15/06	9.9
267.3	0.7	27.250	2007.055	01/20/07	9.8

GVMR

GVMR - Mason Road, Fairfield Green Valley fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.7	0.000	2005.0603	01/22/05	
1.2	0.5	0.192	2005.2521	04/02/05	
0.5	0.6	0.402	2005.4630	06/18/05	1.31
-0.3	1.5	0.575	2005.6356	08/20/05	-0.49
-2.9	1.2	0.844	2005.9041	11/26/05	-3.43
1.2	0.6	1.093	2006.1534	02/25/06	1.10
2.5	0.5	1.285	2006.3452	05/06/06	1.97
2.5	0.2	1.707	2006.7671	10/07/06	1.49
4.9	0.8	1.901	2006.9616	12/17/06	2.59
6.6	0.7	2.093	2007.1534	02/25/07	3.18

GVRT

GVRT - Red Top Road, Fairfield Green Valley fault

movement (mm)	std. dev.	# of years	year	date	mm/yr simple average	mm/yr linear regression
4.7	2.2	0.347	1984.803	10/20/84		
8.1	1.1	0.618	1985.074	01/27/85		
3.9	2.0	0.829	1985.285	04/14/85		
5.4	1.1	0.980	1985.436	06/08/85	5.5	
9.4	2.2	1.174	1985.630	08/18/85	8.0	
9.4	0.3	1.385	1985.841	11/03/85	6.8	
4.9	0.8	1.634	1986.090	02/02/86	3.0	
19.0	2.7	2.130	1986.586	08/02/86	8.9	
22.5	6.7	2.210	1986.666	08/31/86	10.2	
20.2	2.1	2.284	1986.740	09/27/86	8.8	
19.5	3.5	2.456	1986.912	11/29/86	7.9	
14.0	2.0	2.708	1987.164	03/01/87	5.2	
20.0	3.4	3.015	1987.471	06/21/87	6.6	
17.9	1.1	3.207	1987.663	08/30/87	5.6	
17.3	1.5	3.571	1988.027	01/10/88	4.8	
18.9	2.4	3.839	1988.295	04/17/88	4.9	
22.0	2.7	3.992	1988.448	06/12/88	5.5	
30.9	1.5	4.372	1988.828	10/29/88	7.1	
20.4	2.8	4.621	1989.077	01/28/89	4.4	
20.2	1.0	4.834	1989.290	04/16/89	4.2	
21.7	2.0	5.141	1989.597	08/06/89	4.2	
28.2	2.2	5.465	1989.921	12/02/89	5.2	
34.5	1.8	5.590	1990.041	01/15/90	6.2	
33.2	1.2	5.733	1990.189	03/10/90	5.8	
36.8	2.8	5.851	1990.307	04/22/90	6.3	
37.8	2.3	5.985	1990.441	06/10/90	6.3	
41.0	2.8	6.174	1990.630	08/18/90	6.6	
42.8	1.4	6.289	1990.745	09/29/90	6.8	
42.2	2.7	6.426	1990.882	11/18/90	6.6	
37.3	4.7	6.654	1991.110	02/09/91	5.6	
37.6	1.4	6.791	1991.247	03/31/91	5.5	
42.0	3.2	6.999	1991.455	06/15/91	6.0	
37.6	1.5	7.152	1991.608	08/10/91	5.3	
44.1	5.6	7.328	1991.784	10/13/91	6.0	
37.4	1.9	7.481	1991.937	12/08/91	5.0	
38.9	2.2	7.615	1992.071	01/26/92	5.1	
41.5	2.0	7.787	1992.243	03/29/92	5.3	
42.2	2.5	7.978	1992.434	06/07/92	5.3	
40.9	3.6	8.148	1992.604	08/08/92	5.0	
44.8	1.3	8.377	1992.833	10/31/92	5.3	
43.0	2.9	8.626	1993.082	01/30/93	5.0	
42.8	2.9	8.856	1993.312	04/24/93	4.8	
47.0	3.7	9.067	1993.523	07/10/93	5.2	
53.9	1.3	9.278	1993.734	09/25/93	5.8	
51.8	2.0	9.470	1993.926	12/04/93	5.5	

GVRT

52.3	3.4	9.722	1994.178	03/06/94	5.4
58.4	2.4	9.873	1994.329	04/30/94	5.9
56.2	2.0	10.139	1994.595	08/05/94	5.5
56.5	12.3	10.295	1994.751	10/01/94	5.5
53.6	1.4	10.486	1994.942	12/10/94	5.1
49.3	2.1	10.643	1995.099	02/05/95	4.6
52.4	1.0	10.717	1995.173	03/04/95	4.9
52.3	2.8	10.928	1995.384	05/20/95	4.8
55.5	3.8	11.199	1995.655	08/27/95	5.0
57.1	1.4	11.407	1995.863	11/11/95	5.0
52.6	1.1	11.580	1996.036	01/13/96	4.5
49.8	3.5	11.793	1996.249	03/31/96	4.2
54.4	2.7	11.981	1996.437	06/08/96	4.5
58.9	1.4	12.230	1996.686	09/07/96	4.8
54.7	3.4	12.443	1996.899	11/24/96	4.4
58.1	1.2	12.654	1997.110	02/09/97	4.6
58.6	4.5	12.922	1997.378	05/18/97	4.5
62.7	2.3	13.092	1997.548	07/19/97	4.8
62.5	0.7	13.245	1997.701	09/13/97	4.7
60.4	1.9	13.536	1997.992	12/28/97	4.5
63.3	0.8	13.747	1998.203	03/15/98	4.6
67.9	2.8	13.977	1998.433	06/07/98	4.9
66.1	2.9	14.130	1998.586	08/02/98	4.7
63.0	3.8	14.300	1998.756	10/03/98	4.4
64.1	1.3	14.476	1998.932	12/06/98	4.4
74.6	2.8	14.706	1999.162	02/28/99	5.1
79.8	3.9	15.741	2000.197	03/12/00	5.1
84.9	1.0	15.967	2000.423	06/03/00	5.3
70.5	2.9	16.200	2000.656	08/27/00	4.4
66.9	2.5	16.334	2000.790	10/15/00	4.1
67.5	1.4	16.487	2000.943	12/10/00	4.1
69.6	2.1	16.659	2001.115	02/11/01	4.2
79.7	0.2	16.887	2001.343	05/05/01	4.7
68.6	0.9	17.078	2001.534	07/14/01	4.0
77.0	0.5	17.254	2001.710	09/16/01	4.5
66.5	0.3	17.522	2001.978	12/23/01	3.8
68.6	0.5	17.637	2002.093	02/03/02	3.9
71.5	0.4	17.851	2002.307	04/22/02	4.0
77.7	0.7	18.114	2002.570	07/27/02	4.3
76.9	0.4	18.248	2002.704	09/14/02	4.2
71.4	0.5	18.366	2002.822	10/27/02	3.9
72.7	0.4	18.517	2002.973	12/21/02	3.9
74.4	0.7	18.692	2003.148	02/23/03	4.0
74.4	0.7	19.034	2003.490	06/28/03	3.9
82.4	0.2	19.207	2003.663	08/30/03	4.3
83.3	0.7	19.437	2003.893	11/22/03	4.3
72.8	1.1	19.629	2004.085	01/31/04	3.7
77.2	0.8	19.782	2004.238	03/27/04	3.9
89.0	0.5	20.129	2004.585	08/01/04	4.4

GVRT

76.6	1.1	20.741	2005.197	03/13/05	3.7
86.1	1.8	21.004	2005.460	06/17/05	4.1
89.8	0.8	21.180	2005.636	08/20/05	4.2
87.1	1.3	21.448	2005.904	11/26/05	4.1
80.0	0.9	21.697	2006.153	02/25/06	3.7
85.0	1.1	21.889	2006.345	05/06/06	3.9
101.9	1.5	22.311	2006.767	10/07/06	4.6
91.1	1.0	22.506	2006.962	12/17/06	4.0
90.2	0.6	22.697	2007.153	02/25/07	4.0

HAPP

HAPP - Appian Way, Union City Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.7	0.000	1979.729	09/23/79	
-2.0	3.0	0.131	1979.860	11/10/79	
-4.4	1.5	0.421	1980.150	02/24/80	
-4.7	1.9	0.555	1980.284	04/13/80	
2.2	2.5	0.807	1980.536	07/14/80	
2.7	2.2	0.990	1980.719	09/19/80	2.7
3.7	2.5	1.203	1980.932	12/06/80	3.1
5.0	2.9	1.307	1981.036	01/13/81	3.8
2.8	0.9	1.452	1981.181	03/07/81	1.9
5.2	1.5	1.709	1981.438	06/09/81	3.0
5.9	0.6	1.868	1981.597	08/06/81	3.2
9.9	1.2	2.200	1981.929	12/05/81	4.5
9.9	1.4	2.353	1982.082	01/30/82	4.2
10.8	1.0	2.468	1982.197	03/13/82	4.4
10.8	0.7	2.709	1982.438	06/09/82	4.0
12.3	0.7	2.838	1982.567	07/26/82	4.3
12.0	1.0	2.915	1982.644	08/23/82	4.1
16.4	1.2	3.181	1982.910	11/28/82	5.2
16.6	0.9	3.318	1983.047	01/17/83	5.0
14.7	1.5	3.657	1983.386	05/21/83	4.0
16.1	0.7	3.715	1983.444	06/11/83	4.3
17.6	1.1	3.868	1983.597	08/06/83	4.5
19.1	1.4	4.118	1983.847	11/05/83	4.6
18.5	1.4	4.369	1984.098	02/05/84	4.2
20.5	1.0	4.621	1984.350	05/07/84	4.4
22.4	0.4	4.711	1984.440	06/09/84	4.8
22.7	1.8	4.864	1984.593	08/04/84	4.7
22.4	0.3	5.036	1984.765	10/06/84	4.4
23.4	0.4	5.189	1984.918	12/01/84	4.5
22.7	0.8	5.364	1985.093	02/03/85	4.2
25.3	0.6	5.597	1985.326	04/29/85	4.5
26.7	0.8	5.770	1985.499	07/01/85	4.6
28.7	0.1	5.994	1985.723	09/21/85	4.8
28.3	0.8	6.222	1985.951	12/13/85	4.5
30.3	0.3	6.457	1986.186	03/09/86	4.7
30.1	0.5	6.518	1986.247	03/31/86	4.6
29.4	0.8	6.592	1986.321	04/27/86	4.5
32.8	1.6	6.693	1986.422	06/03/86	4.9
31.0	1.0	6.803	1986.532	07/13/86	4.6
28.4	1.1	6.953	1986.682	09/06/86	4.1
30.4	1.7	7.087	1986.816	10/25/86	4.3
29.9	1.1	7.222	1986.951	12/13/86	4.1
34.2	1.9	7.509	1987.238	03/28/87	4.6
36.0	2.3	7.627	1987.356	05/10/87	4.7
32.2	1.0	7.797	1987.526	07/11/87	4.1

HAPP

33.2	1.5	8.123	1987.852	11/07/87	4.1
35.9	1.1	8.337	1988.066	01/24/88	4.3
36.2	1.0	8.563	1988.292	04/16/88	4.2
37.4	1.0	8.681	1988.410	05/29/88	4.3
36.0	1.2	8.716	1988.445	06/11/88	4.1
37.9	1.4	8.869	1988.598	08/06/88	4.3
37.0	0.7	9.080	1988.809	10/22/88	4.1
36.6	1.0	9.216	1988.945	12/11/88	4.0
42.8	1.0	9.389	1989.118	02/12/89	4.6
45.3	1.6	9.520	1989.249	04/01/89	4.8
46.6	0.6	9.712	1989.441	06/10/89	4.8
45.3	1.2	9.866	1989.595	08/05/89	4.6
44.7	0.6	10.079	1989.808	10/22/89	4.4
45.9	1.3	10.268	1989.997	12/30/89	4.5
46.3	0.9	10.383	1990.112	02/10/90	4.5
47.0	0.4	10.498	1990.227	03/24/90	4.5
51.9	1.2	10.613	1990.342	05/05/90	4.9
50.1	1.0	10.767	1990.496	06/30/90	4.7
49.4	1.2	10.846	1990.575	07/29/90	4.6
47.9	1.2	10.972	1990.701	09/13/90	4.4
50.0	1.4	11.076	1990.805	10/21/90	4.5
45.9	1.6	11.320	1991.049	01/18/91	4.1
48.8	0.4	11.512	1991.241	03/29/91	4.2
51.9	1.0	11.630	1991.359	05/11/91	4.5
51.3	1.1	11.939	1991.668	09/01/91	4.3
53.5	1.4	12.129	1991.858	11/09/91	4.4
52.8	1.0	12.317	1992.046	01/17/92	4.3
59.1	1.2	12.511	1992.240	03/28/92	4.7
59.6	0.6	12.686	1992.415	05/31/92	4.7
60.4	1.2	12.839	1992.568	07/26/92	4.7
58.2	1.6	13.011	1992.740	09/27/92	4.5
61.0	1.4	13.162	1992.891	11/21/92	4.6
61.6	1.6	13.312	1993.041	01/15/93	4.6
61.7	1.2	13.449	1993.178	03/06/93	4.6
60.7	1.9	13.622	1993.351	05/08/93	4.5
62.5	1.5	13.709	1993.438	06/09/93	4.6
64.1	0.9	13.909	1993.638	08/21/93	4.6
65.6	1.3	14.044	1993.773	10/09/93	4.7
66.9	4.7	14.233	1993.962	12/17/93	4.7
71.5	1.4	14.430	1994.159	02/27/94	5.0
71.3	1.3	14.583	1994.312	04/24/94	4.9
74.1	3.8	14.813	1994.542	07/17/94	5.0
73.2	2.9	15.079	1994.808	10/22/94	4.9
73.2	3.6	15.348	1995.007	01/28/95	4.8
76.2	1.6	15.539	1995.268	04/08/95	4.9
77.4	1.4	15.731	1995.460	06/17/95	4.9
77.7	4.6	15.918	1995.647	08/24/95	4.9
79.1	1.6	16.096	1995.825	10/28/95	4.9
82.1	1.6	16.249	1995.978	12/23/95	5.1

HAPP

79.8	1.7	16.386	1996.115	02/11/96	4.9
81.1	1.0	16.424	1996.153	02/25/96	4.9
80.0	0.9	16.536	1996.265	04/06/96	4.8
84.9	3.5	16.766	1996.495	06/29/96	5.1
83.3	0.5	16.910	1996.639	08/21/96	4.9
85.7	1.4	17.091	1996.820	10/22/96	5.0
88.0	1.4	17.244	1996.973	12/21/96	5.1
86.0	1.4	17.400	1997.129	02/16/97	4.9
87.6	0.8	17.589	1997.318	04/26/97	5.0
90.1	0.4	17.742	1997.471	06/21/97	5.1
91.4	0.7	17.915	1997.644	08/23/97	5.1
91.3	0.7	18.126	1997.855	11/08/97	5.0
95.6	1.1	18.298	1998.027	01/10/98	5.2
89.7	2.3	18.471	1998.200	03/14/98	4.9
93.7	1.4	18.759	1998.488	06/27/98	5.0
96.1	4.1	18.953	1998.682	09/06/98	5.1
99.6	0.9	19.126	1998.855	11/08/98	5.2
99.5	0.9	19.413	1999.142	02/21/99	5.1
101.5	0.5	19.586	1999.315	04/25/99	5.2
100.1	1.1	19.718	1999.447	06/12/99	5.1
102.9	0.6	19.929	1999.658	08/28/99	5.2
98.8	1.4	20.101	1999.830	10/30/99	4.9
105.7	0.8	20.312	2000.041	01/15/00	5.2
105.8	1.5	20.484	2000.213	03/18/00	5.2
107.4	1.3	20.675	2000.404	05/27/00	5.2
107.5	0.6	20.850	2000.579	07/30/00	5.2
112.4	1.6	21.099	2000.828	10/29/00	5.3
115.5	0.9	21.268	2000.997	12/30/00	5.4
116.6	1.2	21.441	2001.170	03/03/01	5.4
119.1	0.3	21.652	2001.381	05/19/01	5.5
118.2	1.8	21.824	2001.553	07/21/01	5.4
119.7	0.9	22.096	2001.825	10/28/01	5.4
120.8	0.7	22.323	2002.052	01/19/02	5.4
121.1	2.0	22.537	2002.266	04/07/02	5.4
120.7	0.9	22.707	2002.436	06/08/02	5.3
122.0	1.0	22.805	2002.534	07/14/02	5.4
125.4	0.9	22.956	2002.685	09/07/02	5.5
126.4	0.8	23.131	2002.860	11/10/02	5.5
128.4	1.5	23.340	2003.069	01/25/03	5.5
131.3	1.5	23.512	2003.241	03/29/03	5.6
128.4	1.4	23.685	2003.414	05/31/03	5.4
131.6	1.5	23.860	2003.589	08/03/03	5.5
134.6	1.0	24.014	2003.743	09/28/03	5.6
130.5	0.7	24.090	2003.819	10/26/03	5.4
133.2	1.2	24.202	2003.932	12/06/03	5.5
134.4	1.0	24.470	2004.200	03/13/04	5.5
135.7	2.7	24.664	2004.393	05/23/04	5.5
135.5	2.5	24.703	2004.432	06/06/04	5.5
135.5	0.7	24.910	2004.639	08/21/04	5.4

HAPP

139.9	1.6	25.085	2004.814	10/24/04	5.6
138.8	1.8	25.238	2004.967	12/19/04	5.5
139.6	1.4	25.446	2005.175	03/05/05	5.5
139.6	0.8	25.622	2005.351	05/08/05	5.4
141.0	1.3	25.772	2005.501	07/02/05	5.5
140.5	1.0	26.060	2005.789	10/15/05	5.4
139.7	2.1	26.290	2006.019	01/07/06	5.3
145.1	2.0	26.559	2006.288	04/15/06	5.5
146.2	1.4	26.830	2006.559	07/23/06	5.4
148.1	0.6	27.098	2006.827	10/29/06	5.5
148.2	0.5	27.293	2007.022	01/08/07	5.4

HCAM

HCAM - Camellia Drive, Fremont Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.6	0.000	1990.115	02/11/90	
0.5	0.7	0.134	1990.249	04/01/90	
-0.4	1.0	0.263	1990.378	05/18/90	
-0.3	0.8	0.362	1990.477	06/23/90	
-1.0	0.7	0.463	1990.578	07/30/90	
-1.2	0.6	0.595	1990.710	09/16/90	
-0.2	0.5	0.710	1990.825	10/28/90	
0.2	0.7	0.959	1991.074	01/27/91	0.2
-0.9	0.8	1.126	1991.241	03/29/91	-0.8
0.0	0.5	1.181	1991.296	04/18/91	0.0
-1.6	0.3	1.244	1991.359	05/11/91	-1.3
-0.8	0.3	1.436	1991.551	07/20/91	-0.6
-2.7	0.5	1.627	1991.742	09/28/91	-1.7
-1.7	0.5	1.784	1991.899	11/24/91	-1.0
-1.5	1.4	1.937	1992.052	01/19/92	-0.8
-0.9	0.7	2.147	1992.262	04/05/92	-0.4
-1.5	0.9	2.317	1992.432	06/06/92	-0.6
-4.0	1.4	2.489	1992.604	08/08/92	-1.6
-2.1	1.3	2.661	1992.776	10/10/92	-0.8
-2.6	1.1	2.808	1992.923	12/03/92	-0.9
-2.4	1.1	3.008	1993.123	02/14/93	-0.8
-1.8	2.2	3.159	1993.274	04/10/93	-0.6
-3.9	0.8	3.255	1993.370	05/15/93	-1.2
-3.7	2.0	3.523	1993.638	08/21/93	-1.1
-3.4	1.3	3.658	1993.773	10/09/93	-0.9
-2.1	0.8	3.847	1993.962	12/17/93	-0.5
-2.4	0.7	4.044	1994.159	02/27/94	-0.6
-3.0	1.4	4.197	1994.312	04/24/94	-0.7
-2.8	0.8	4.427	1994.542	07/17/94	-0.6
-1.2	0.7	4.655	1994.770	10/08/94	-0.3
-1.5	0.6	4.847	1994.962	12/17/94	-0.3
-1.5	0.8	5.038	1995.153	02/25/95	-0.3
1.9	0.5	5.211	1995.326	04/29/95	0.4
-0.8	1.0	5.367	1995.482	06/25/95	-0.1
1.0	0.5	5.537	1995.652	08/26/95	0.2
2.4	0.5	5.575	1995.690	09/09/95	0.4
4.1	1.4	5.693	1995.808	10/22/95	0.7
3.3	0.3	5.844	1995.959	12/16/95	0.6
21.3	2.2	6.016	1996.131	02/17/96	3.5
24.5	1.2	6.038	1996.153	02/25/96	4.1
23.3	4.0	6.076	1996.191	03/10/96	3.8
23.4	1.3	6.246	1996.361	05/11/96	3.7
24.7	2.9	6.418	1996.533	07/13/96	3.8
23.3	1.9	6.527	1996.642	08/22/96	3.6
24.4	1.1	6.686	1996.801	10/19/96	3.6

HCAM

24.1	0.3	6.839	1996.954	12/14/96	3.5
23.5	1.0	6.992	1997.107	02/08/97	3.4
24.2	0.6	7.164	1997.279	04/12/97	3.4
23.7	1.0	7.340	1997.455	06/15/97	3.2
25.0	0.7	7.532	1997.647	08/24/97	3.3
23.8	0.8	7.682	1997.797	10/18/97	3.1
24.6	1.1	7.874	1997.989	12/27/97	3.1
23.4	1.2	8.047	1998.162	02/28/98	2.9
24.0	0.9	8.200	1998.315	04/25/98	2.9
23.5	1.2	8.373	1998.488	06/27/98	2.8
26.3	2.8	8.570	1998.685	09/07/98	3.1
25.5	0.5	8.775	1998.890	11/21/98	2.9
25.0	1.1	8.967	1999.082	01/30/99	2.8
26.1	0.9	9.104	1999.219	03/21/99	2.9
26.5	1.3	9.274	1999.389	05/22/99	2.9
28.0	0.5	9.581	1999.696	09/11/99	2.9
31.3	1.5	9.734	1999.849	11/06/99	3.2
31.2	0.4	9.964	2000.079	01/29/00	3.1
30.3	0.7	10.117	2000.232	03/25/00	3.0
31.4	1.7	10.273	2000.388	05/21/00	3.1
32.1	0.6	10.462	2000.577	07/29/00	3.1
33.8	0.8	10.691	2000.806	10/21/00	3.2
35.2	0.6	10.825	2000.940	12/09/00	3.3
35.3	0.2	10.997	2001.1123	02/10/01	3.2
35.1	0.3	11.208	2001.3233	04/28/01	3.1
36.4	1.6	11.403	2001.5178	07/08/01	3.2
36.9	1.4	11.575	2001.6904	09/09/01	3.2
39.6	0.5	11.707	2001.8219	10/27/01	3.4
38.7	0.8	11.940	2002.0548	01/20/02	3.2
41.3	0.6	12.148	2002.2630	04/06/02	3.4
39.6	2.0	12.301	2002.4164	06/01/02	3.2
42.3	0.6	12.515	2002.6301	08/18/02	3.4
43.6	1.1	12.669	2002.7836	10/13/02	3.4
44.3	1.3	12.743	2002.8575	11/09/02	3.5
46.3	1.0	12.918	2003.0329	01/12/03	3.6
46.2	1.0	13.069	2003.1836	03/08/03	3.5
46.5	1.1	13.356	2003.4712	06/21/03	3.5
48.5	0.6	13.567	2003.6822	09/06/03	3.6
49.5	0.8	13.701	2003.8164	10/25/03	3.6
50.2	0.7	13.855	2003.9699	12/20/03	3.6
50.5	1.5	14.027	2004.1421	02/21/04	3.6
51.4	1.2	14.084	2004.1995	03/13/04	3.6
51.4	2.0	14.257	2004.3716	05/15/04	3.6
53.5	0.8	14.544	2004.6585	08/28/04	3.7
53.9	0.7	14.716	2004.8306	10/30/04	3.7
53.4	0.9	14.871	2004.9863	12/26/04	3.6
55.2	0.4	15.044	2005.1589	02/27/05	3.7
56.3	0.5	15.291	2005.4055	05/28/05	3.7
57.2	2.3	15.408	2005.5233	07/10/05	3.7

HCAM

57.9	0.6	15.674	2005.7890	10/15/05	3.7
58.2	1.8	15.942	2006.0575	01/21/06	3.7
60.5	0.3	16.118	2006.2329	03/26/06	3.8
59.0	0.7	16.307	2006.4219	06/03/06	3.6
63.9	0.5	16.521	2006.6356	08/20/06	3.9
63.3	0.4	16.729	2006.8438	11/04/06	3.8
66.0	0.4	16.910	2007.0247	01/09/07	3.9

HCCC

HCCC - Contra Costa College, San Pablo Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.8	0.000	1980.609	08/10/80	
2.0	1.1	0.287	1980.896	11/23/80	
1.2	1.8	0.440	1981.049	01/18/81	
3.4	0.7	0.975	1981.584	08/01/81	3.5
-5.6	0.5	1.323	1981.932	12/06/81	-4.2
-7.8	0.4	1.438	1982.047	01/17/82	-5.4
-6.8	0.4	1.706	1982.315	04/25/82	-4.0
-1.0	0.5	1.851	1982.460	06/17/82	-0.5
1.9	0.1	1.975	1982.584	08/01/82	1.0
-0.1	0.4	2.416	1983.025	01/09/83	0.0
4.1	0.7	2.780	1983.389	05/22/83	1.5
11.7	1.2	2.933	1983.542	07/17/83	4.0
12.0	0.5	2.991	1983.600	08/07/83	4.0
9.4	0.6	3.336	1983.945	12/11/83	2.8
6.2	0.8	3.451	1984.060	01/22/84	1.8
15.5	1.1	3.642	1984.251	04/01/84	4.3
23.0	0.7	3.948	1984.557	07/22/84	5.8
20.3	0.4	4.216	1984.825	10/28/84	4.8
15.1	0.1	4.465	1985.074	01/27/85	3.4
20.9	0.2	4.657	1985.266	04/07/85	4.5
24.6	0.1	4.829	1985.438	06/09/85	5.1
22.2	0.2	5.021	1985.630	08/18/85	4.4
22.5	0.5	5.232	1985.841	11/03/85	4.3
16.5	0.7	5.481	1986.090	02/02/86	3.0
18.8	0.7	5.654	1986.263	04/06/86	3.3
26.8	0.7	5.846	1986.455	06/15/86	4.6
28.1	0.9	6.057	1986.666	08/31/86	4.6
27.1	0.1	6.172	1986.781	10/12/86	4.4
24.5	0.7	6.459	1987.068	01/25/87	3.8
25.9	0.9	6.555	1987.164	03/01/87	3.9
29.6	0.8	6.862	1987.471	06/21/87	4.3
29.7	0.6	7.054	1987.663	08/30/87	4.2
27.1	0.8	7.301	1987.910	11/28/87	3.7
25.1	0.5	7.495	1988.104	02/07/88	3.4
29.4	0.4	7.705	1988.314	04/24/88	3.8
32.6	0.6	7.916	1988.525	07/10/88	4.1
34.1	1.1	8.107	1988.716	09/18/88	4.2
33.2	1.0	8.317	1988.926	12/04/88	4.0
32.5	1.0	8.470	1989.079	01/29/89	3.8
33.4	0.9	8.662	1989.271	04/09/89	3.9
36.6	0.5	8.854	1989.463	06/18/89	4.1
38.0	0.8	8.988	1989.597	08/06/89	4.2
40.5	0.5	9.257	1989.866	11/12/89	4.4
38.8	0.5	9.449	1990.058	01/21/90	4.1
37.7	0.3	9.564	1990.173	03/04/90	3.9

HCCC

38.8	0.6	9.698	1990.307	04/22/90	4.1
39.4	0.6	9.832	1990.441	06/10/90	4.0
40.9	0.8	9.966	1990.575	07/29/90	4.1
42.3	0.4	10.101	1990.710	09/16/90	4.2
42.6	0.9	10.216	1990.825	10/28/90	4.2
43.5	0.3	10.465	1991.074	01/27/91	4.2
38.7	0.7	10.638	1991.247	03/31/91	3.6
39.1	1.2	10.753	1991.362	05/12/91	3.6
41.1	0.7	10.999	1991.608	08/10/91	3.7
41.5	1.8	11.175	1991.784	10/13/91	3.7
41.6	1.3	11.328	1991.937	12/08/91	3.7
42.5	0.9	11.462	1992.071	01/26/92	3.7
43.0	1.0	11.634	1992.243	03/29/92	3.7
47.7	1.0	11.825	1992.434	06/07/92	4.0
46.8	0.9	12.093	1992.702	09/13/92	3.9
45.9	0.9	12.246	1992.855	11/08/92	3.7
44.9	0.8	12.418	1993.027	01/10/93	3.6
45.6	0.9	12.591	1993.200	03/14/93	3.6
49.4	0.8	12.821	1993.430	06/06/93	3.9
53.8	1.1	13.070	1993.679	09/05/93	4.1
54.4	1.0	13.243	1993.852	11/07/93	4.1
55.7	1.0	13.435	1994.044	01/16/94	4.2
55.0	1.4	13.627	1994.236	03/27/94	4.0
62.1	0.5	13.857	1994.466	06/19/94	4.5
61.4	0.6	13.969	1994.578	07/30/94	4.4
64.4	0.4	14.183	1994.792	10/16/94	4.5
58.5	1.2	14.364	1994.973	12/21/94	4.1
59.3	0.9	14.566	1995.175	03/05/95	4.1
61.6	1.1	14.854	1995.463	06/18/95	4.1
69.1	0.1	15.027	1995.636	08/20/95	4.6
70.3	2.4	15.257	1995.866	11/12/95	4.6
71.3	0.5	15.331	1995.940	12/09/95	4.7
64.2	1.6	15.506	1996.115	02/11/96	4.1
65.8	1.2	15.697	1996.306	04/21/96	4.2
71.0	1.6	15.869	1996.478	06/23/96	4.5
74.2	0.7	16.022	1996.631	08/18/96	4.6
76.9	0.5	16.213	1996.822	10/27/96	4.7
74.0	0.7	16.347	1996.956	12/15/96	4.5
73.8	0.6	16.520	1997.129	02/16/97	4.5
81.5	0.9	16.712	1997.321	04/27/97	4.9
85.6	1.5	16.846	1997.455	06/15/97	5.1
85.3	0.9	17.018	1997.627	08/17/97	5.0
85.2	2.0	17.210	1997.819	10/26/97	5.0
78.9	0.4	17.364	1997.973	12/21/97	4.5
77.7	0.5	17.517	1998.126	02/15/98	4.4
77.9	0.6	17.651	1998.260	04/05/98	4.4
78.2	0.7	17.843	1998.452	06/14/98	4.4
83.2	1.4	18.054	1998.663	08/30/98	4.6
86.8	1.3	18.207	1998.816	10/25/98	4.8

HCCC

80.8	0.4	18.323	1998.932	12/06/98	4.4
82.0	0.8	18.495	1999.104	02/07/99	4.4
81.8	1.9	18.649	1999.258	04/04/99	4.4
85.8	1.4	18.821	1999.430	06/06/99	4.6
92.3	1.7	19.051	1999.660	08/29/99	4.8
92.6	1.7	19.281	1999.890	11/21/99	4.8
92.7	0.5	19.435	2000.044	01/16/00	4.8
89.7	1.5	19.626	2000.235	03/26/00	4.6
92.8	0.7	19.875	2000.484	06/25/00	4.7
94.9	1.7	20.008	2000.617	08/13/00	4.7
94.7	0.6	20.219	2000.828	10/29/00	4.7
94.0	0.6	20.449	2001.058	01/21/01	4.6
92.9	0.5	20.621	2001.230	03/25/01	4.5
99.7	1.4	20.851	2001.460	06/17/01	4.8
97.5	2.5	21.043	2001.652	08/26/01	4.6
100.9	0.3	21.197	2001.806	10/21/01	4.8
98.4	0.2	21.427	2002.036	01/13/02	4.6
98.4	1.4	21.659	2002.268	04/07/02	4.5
106.9	0.9	21.983	2002.592	08/04/02	4.9
108.9	0.5	22.232	2002.841	11/03/02	4.9
103.7	0.5	22.386	2002.995	12/29/02	4.6
105.1	1.0	22.539	2003.148	02/23/03	4.7
107.0	1.7	22.768	2003.377	05/18/03	4.7
113.7	0.9	22.923	2003.532	07/13/03	5.0
117.9	0.5	23.191	2003.800	10/19/03	5.1
113.4	0.4	23.344	2003.953	12/14/03	4.9
112.8	1.8	23.517	2004.126	02/15/04	4.8
113.0	1.6	23.670	2004.279	04/11/04	4.8
131.4	0.6	23.957	2004.566	07/25/04	5.5
134.3	0.5	24.186	2004.795	10/17/04	5.6
130.7	0.4	24.320	2004.929	12/05/04	5.4
122.8	0.3	24.547	2005.156	02/26/05	5.0
120.2	1.2	24.739	2005.348	05/07/05	4.9
121.9	0.7	25.029	2005.638	08/21/05	4.9
124.7	0.8	25.164	2005.773	10/09/05	5.0
125.8	0.4	25.468	2006.077	01/28/06	4.9
126.0	0.9	25.621	2006.230	03/25/06	4.9
126.4	0.8	25.794	2006.403	05/27/06	4.9
125.7	0.6	25.988	2006.597	08/06/06	4.8
128.8	0.3	26.199	2006.808	10/22/06	4.9
131.0	0.8	26.465	2007.074	01/27/07	5.0

HDST

HDST -D Street, Hayward Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.9	0.000	1980.478	06/23/80	
0.5	1.0	0.115	1980.593	08/04/80	
0.2	1.8	0.235	1980.713	09/17/80	
-0.3	0.8	0.383	1980.861	11/10/80	
0.0	1.0	0.538	1981.016	01/06/81	
1.8	0.6	0.667	1981.145	02/22/81	
1.8	0.9	0.736	1981.214	03/19/81	
4.6	0.8	1.023	1981.501	07/02/81	4.5
4.0	0.8	1.108	1981.586	08/02/81	3.6
5.3	1.3	1.358	1981.836	11/01/81	3.9
6.5	0.6	1.541	1982.019	01/07/82	4.2
6.3	0.5	1.697	1982.175	03/05/82	3.7
7.4	0.3	1.938	1982.416	06/01/82	3.8
8.7	1.2	2.100	1982.578	07/30/82	4.1
9.1	1.0	2.180	1982.658	08/28/82	4.2
9.1	0.3	2.355	1982.833	10/31/82	3.9
9.7	0.5	2.544	1983.022	01/08/83	3.8
11.0	0.4	2.793	1983.271	04/09/83	3.9
13.3	1.7	2.938	1983.416	06/01/83	4.5
11.9	0.4	2.966	1983.444	06/11/83	4.0
13.7	1.9	3.114	1983.592	08/04/83	4.4
16.4	1.7	3.237	1983.715	09/18/83	5.1
14.3	0.7	3.333	1983.811	10/23/83	4.3
12.8	0.9	3.618	1984.096	02/04/84	3.5
16.3	0.8	3.773	1984.251	04/01/84	4.3
16.5	0.4	3.959	1984.437	06/08/84	4.2
18.5	1.1	4.172	1984.650	08/25/84	4.4
20.3	0.7	4.328	1984.806	10/21/84	4.7
19.8	0.7	4.544	1985.022	01/08/85	4.4
20.9	0.4	4.673	1985.151	02/24/85	4.5
22.6	0.7	4.845	1985.323	04/28/85	4.7
25.2	0.4	4.960	1985.438	06/09/85	5.1
25.5	0.6	5.226	1985.704	09/14/85	4.9
25.6	1.4	5.495	1985.973	12/21/85	4.7
27.2	1.2	5.744	1986.222	03/22/86	4.7
27.9	0.8	5.821	1986.299	04/19/86	4.8
25.6	0.7	5.947	1986.425	06/04/86	4.3
28.7	1.2	6.089	1986.567	07/26/86	4.7
29.6	1.4	6.245	1986.723	09/21/86	4.7
29.7	0.8	6.380	1986.858	11/09/86	4.7
30.1	0.8	6.549	1987.027	01/10/87	4.6
31.3	0.8	6.763	1987.241	03/29/87	4.6
32.0	1.8	6.952	1987.430	06/06/87	4.6
33.2	0.4	7.127	1987.605	08/09/87	4.7
33.5	1.6	7.319	1987.797	10/18/87	4.6

HDST

33.3	1.2	7.585	1988.063	01/23/88	4.4
34.8	0.6	7.738	1988.216	03/19/88	4.5
38.1	1.3	7.894	1988.372	05/15/88	4.8
38.5	0.6	8.085	1988.563	06/24/88	4.8
40.6	1.4	8.197	1988.675	09/03/88	5.0
38.5	0.7	8.372	1988.850	11/06/88	4.6
38.8	0.7	8.580	1989.058	01/21/89	4.5
42.0	0.9	8.848	1989.326	04/29/89	4.7
44.0	1.5	9.095	1989.573	07/28/89	4.8
45.1	0.6	9.270	1989.748	09/30/89	4.9
44.5	0.8	9.369	1989.847	11/05/89	4.7
43.8	0.5	9.541	1990.019	01/07/90	4.6
45.0	1.1	9.659	1990.137	02/19/90	4.7
45.3	1.1	9.804	1990.282	04/13/90	4.6
45.6	1.1	9.919	1990.397	05/25/90	4.6
46.6	0.9	10.034	1990.512	07/06/90	4.6
45.7	1.7	10.133	1990.611	08/11/90	4.5
45.5	1.3	10.281	1990.759	10/04/90	4.4
44.1	0.8	10.440	1990.918	12/01/90	4.2
46.7	0.7	10.651	1991.129	02/16/91	4.4
46.8	1.1	10.760	1991.238	03/28/91	4.3
47.3	0.4	10.862	1991.340	05/04/91	4.4
47.8	0.9	11.056	1991.534	07/14/91	4.3
49.5	1.1	11.245	1991.723	09/21/91	4.4
49.5	1.0	11.418	1991.896	11/23/91	4.3
50.4	0.6	11.590	1992.068	01/25/92	4.3
54.4	0.4	11.782	1992.260	04/04/92	4.6
53.1	0.9	11.858	1992.336	05/02/92	4.5
54.7	1.1	12.049	1992.527	07/11/92	4.5
54.4	1.8	12.221	1992.699	09/12/92	4.5
52.8	0.6	12.394	1992.872	11/14/92	4.3
53.3	1.0	12.588	1993.066	01/24/93	4.2
56.5	1.7	12.738	1993.216	03/20/93	4.4
59.1	2.2	13.103	1993.581	07/31/93	4.5
57.4	1.2	13.390	1993.868	11/13/93	4.3
58.7	0.8	13.582	1994.060	01/22/94	4.3
61.1	1.1	13.774	1994.252	04/02/94	4.4
60.5	1.0	13.985	1994.463	06/18/94	4.3
61.7	0.7	14.111	1994.589	08/03/94	4.4
63.0	0.7	14.330	1994.808	10/22/94	4.4
64.2	1.7	14.599	1995.077	01/28/95	4.4
67.0	0.5	14.790	1995.268	04/08/95	4.5
66.9	0.8	14.982	1995.460	06/17/95	4.5
66.9	0.5	15.166	1995.644	08/23/95	4.4
67.0	0.8	15.347	1995.825	10/28/95	4.4
68.1	1.7	15.538	1996.016	01/06/96	4.4
69.0	2.2	15.730	1996.208	03/16/96	4.4
70.8	1.5	15.940	1996.418	06/01/96	4.4
70.6	1.7	16.161	1996.639	08/21/96	4.4

HDST

71.5	0.8	16.342	1996.820	10/26/96	4.4
69.8	0.9	16.495	1996.973	12/21/96	4.2
73.3	0.4	16.651	1997.129	02/16/97	4.4
73.9	0.8	16.919	1997.397	05/25/97	4.4
76.2	1.2	17.054	1997.532	07/13/97	4.5
84.7	0.3	18.969	1999.447	06/12/99	4.5
85.0	0.8	19.180	1999.658	08/28/99	4.4
82.9	0.8	19.352	1999.830	10/30/99	4.3
82.8	1.4	19.563	2000.041	01/15/00	4.2
83.5	1.0	19.735	2000.213	03/18/00	4.2
88.0	1.5	19.926	2000.404	05/27/00	4.4
85.2	2.2	20.101	2000.579	07/30/00	4.2
88.1	0.5	20.347	2000.825	10/28/00	4.3
91.4	0.8	20.538	2001.016	01/06/01	4.5
95.2	0.9	20.749	2001.227	03/24/01	4.6
95.0	0.5	20.903	2001.381	05/19/01	4.5
94.1	2.0	21.075	2001.553	07/21/01	4.5
95.6	0.3	21.248	2001.726	09/22/01	4.5
95.7	1.1	21.327	2001.806	10/21/01	4.5
97.9	0.5	21.574	2002.052	01/19/02	4.5
98.2	1.6	21.788	2002.266	04/07/02	4.5
99.2	1.0	21.958	2002.436	06/08/02	4.5
99.5	1.1	22.169	2002.647	08/24/02	4.5
99.8	1.0	22.363	2002.841	11/03/02	4.5
102.8	0.6	22.517	2002.995	12/29/02	4.6
102.8	0.6	22.689	2003.167	03/02/03	4.5
106.3	0.8	22.900	2003.378	05/18/03	4.6
106.8	0.7	23.054	2003.532	07/13/03	4.6
106.1	1.2	23.265	2003.743	09/28/03	4.6
104.3	0.8	23.322	2003.800	10/19/03	4.5
105.9	0.6	23.514	2003.992	12/28/03	4.5
107.7	1.0	23.667	2004.145	02/22/04	4.6
109.0	1.6	23.798	2004.276	04/10/04	4.6
108.4	0.9	23.951	2004.429	06/05/04	4.5
110.6	0.6	24.145	2004.623	08/15/04	4.6
109.2	0.7	24.317	2004.795	10/17/04	4.5
109.9	1.4	24.566	2005.044	01/16/05	4.5
112.2	1.1	24.758	2005.236	03/27/05	4.5
115.6	0.9	24.988	2005.466	06/19/05	4.6
114.0	0.5	25.180	2005.658	08/28/05	4.5
113.5	0.6	25.295	2005.773	10/09/05	4.5
116.9	8.6	25.544	2006.022	01/08/06	4.6
117.3	0.4	25.733	2006.211	03/18/06	4.6
117.5	0.4	25.906	2006.384	05/20/06	4.5
118.7	1.2	26.043	2006.521	07/09/06	4.6
117.9	1.2	26.349	2006.827	10/29/06	4.5
120.4	0.4	26.596	2007.074	01/27/07	4.5

HENC

HENC -Encina Way, Oakland Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.6	0.000	1989.693	09/10/89	
10.7	1.1	2.927	1992.620	08/14/92	3.7
19.5	0.5	3.365	1993.058	01/21/93	5.8
18.2	3.2	3.581	1993.274	04/10/93	5.1
25.0	1.9	3.948	1993.641	08/22/93	6.3
24.9	0.9	4.099	1993.792	10/16/93	6.1
25.9	1.3	4.332	1994.025	01/09/94	6.0
25.4	2.7	4.523	1994.216	03/20/94	5.6
28.5	1.2	4.734	1994.427	06/05/94	6.0
27.4	1.1	4.888	1994.581	07/31/94	5.6
27.0	0.5	5.096	1994.789	10/15/94	5.3
28.0	2.3	5.271	1994.964	12/18/94	5.3
28.2	0.7	5.463	1995.156	02/26/95	5.2
29.2	0.4	5.671	1995.364	05/13/95	5.1
27.7	1.7	5.847	1995.540	07/16/95	4.7
30.6	0.6	5.948	1995.641	08/22/95	5.1
24.7	0.8	6.192	1995.885	11/19/95	4.0
30.6	1.0	6.285	1995.978	12/23/95	4.9
32.0	0.7	6.572	1996.265	04/06/96	4.9
31.1	3.0	6.802	1996.495	06/29/96	4.6
32.1	1.5	6.944	1996.637	08/20/96	4.6
31.1	2.2	7.110	1996.803	10/20/96	4.4
31.5	1.3	7.244	1996.937	12/08/96	4.3
32.0	0.3	7.397	1997.090	02/02/97	4.3
33.4	1.5	7.608	1997.301	04/20/97	4.4
31.0	0.6	7.743	1997.436	06/08/97	4.0
30.6	0.8	7.937	1997.630	08/18/97	3.9
27.5	2.8	8.143	1997.836	11/01/97	3.4
33.0	0.6	8.433	1998.126	02/15/98	3.9
35.7	0.7	8.567	1998.260	04/05/98	4.2
35.7	0.7	8.721	1998.414	05/31/98	4.1
33.4	0.7	8.986	1998.679	09/05/98	3.7
39.2	0.8	9.162	1998.855	11/08/98	4.3
39.3	0.6	9.370	1999.063	01/23/99	4.2
41.9	0.5	9.507	1999.200	03/14/99	4.4
41.6	1.0	9.775	1999.468	06/20/99	4.3
39.6	1.7	9.986	1999.679	09/05/99	4.0
36.3	0.5	10.195	1999.888	11/20/99	3.6
39.9	1.9	10.408	2000.101	02/06/00	3.8
41.6	1.5	10.616	2000.309	04/22/00	3.9
41.7	1.2	10.829	2000.522	07/09/00	3.9
41.7	1.3	11.017	2000.710	09/16/00	3.8
41.8	0.8	11.173	2000.866	11/12/00	3.7
43.0	0.8	11.362	2001.055	01/20/01	3.8
44.7	0.3	11.537	2001.230	03/25/01	3.9

HENC

42.3	0.4	11.726	2001.419	06/02/01	3.6
44.2	0.9	11.937	2001.630	08/18/01	3.7
44.9	0.3	12.132	2001.825	10/28/01	3.7
45.3	0.5	12.397	2002.090	02/02/02	3.7
47.4	0.4	12.592	2002.285	04/14/02	3.8
48.4	0.9	12.762	2002.455	06/15/02	3.8
46.1	0.7	12.954	2002.647	08/24/02	3.6
45.0	0.8	13.167	2002.860	11/10/02	3.4
50.6	0.5	13.376	2003.069	01/25/03	3.8
51.6	0.4	13.548	2003.241	03/29/03	3.8
52.5	0.4	13.721	2003.414	05/31/03	3.8
46.9	0.3	13.896	2003.589	08/03/03	3.4
52.8	0.4	14.126	2003.819	10/26/03	3.7
52.4	0.7	14.299	2003.992	12/28/03	3.7
53.5	0.7	14.452	2004.145	02/22/04	3.7
53.5	1.2	14.580	2004.273	04/09/04	3.7
53.0	0.8	14.736	2004.429	06/05/04	3.6
54.9	0.5	14.946	2004.639	08/21/04	3.7
54.9	0.6	15.236	2004.929	12/05/04	3.6
56.7	1.0	15.428	2005.121	02/13/05	3.7
56.3	0.7	15.658	2005.351	05/08/05	3.6
53.4	1.3	15.808	2005.501	07/02/05	3.4
48.3	0.6	16.096	2005.789	10/15/05	3.0
54.3	0.7	16.384	2006.077	01/28/06	3.3
56.0	0.5	16.595	2006.288	04/15/06	3.4
48.3	0.7	16.866	2006.559	07/23/06	2.9
47.5	0.5	17.132	2006.825	10/28/06	2.8
52.3	1.0	17.329	2007.022	01/08/07	3.0

HLSA

HLSA -LaSalle, Oakland Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.5	0.000	1993.112	02/10/93	
3.8	1.3	0.184	1993.296	04/18/93	
3.1	1.3	0.529	1993.641	08/22/93	
1.3	1.2	0.680	1993.792	10/16/93	
5.8	1.8	0.913	1994.025	01/09/94	
5.8	2.6	1.104	1994.216	03/20/94	5.3
6.1	3.4	1.315	1994.427	06/05/94	4.6
8.6	1.7	1.469	1994.581	07/31/94	5.9
9.2	1.6	1.677	1994.789	10/15/94	5.5
9.9	1.3	1.852	1994.964	12/18/94	5.3
7.8	2.1	2.044	1995.156	02/26/95	3.8
9.9	1.0	2.252	1995.364	05/13/95	4.4
10.6	1.8	2.428	1995.540	07/16/95	4.4
11.2	0.6	2.524	1995.636	08/20/95	4.4
10.4	9.0	2.773	1995.885	11/19/95	3.8
12.1	1.6	2.828	1995.940	12/09/95	4.3
12.3	1.9	3.000	1996.112	02/10/96	4.1
14.2	0.8	3.194	1996.306	04/21/96	4.4
14.6	2.5	3.325	1996.437	06/08/96	4.4
14.6	0.7	3.519	1996.631	08/18/96	4.2
19.0	0.9	3.691	1996.803	10/20/96	5.1
14.4	1.4	3.825	1996.937	12/08/96	3.8
17.5	1.0	3.978	1997.090	02/02/97	4.4
16.0	1.2	4.189	1997.301	04/20/97	3.8
16.5	2.2	4.324	1997.436	06/08/97	3.8
18.0	0.7	4.515	1997.627	08/17/97	4.0
20.5	0.5	4.707	1997.819	10/26/97	4.4
21.1	1.9	4.861	1997.973	12/21/97	4.3
20.3	1.1	5.088	1998.200	03/14/98	4.0
22.6	1.5	5.302	1998.414	05/31/98	4.3
20.7	0.6	5.551	1998.663	08/30/98	3.7
22.8	1.7	5.683	1998.795	10/17/98	4.0
23.4	1.1	5.855	1998.967	12/19/98	4.0
23.3	0.9	6.030	1999.142	02/21/99	3.9
25.0	0.6	6.203	1999.315	04/25/99	4.0
25.2	1.4	6.356	1999.468	06/20/99	4.0
23.3	0.8	6.548	1999.660	08/29/99	3.6
25.6	1.2	6.778	1999.890	11/21/99	3.8
27.9	0.8	6.932	2000.044	01/16/00	4.0
29.8	1.3	7.410	2000.522	07/09/00	4.0
28.4	1.7	7.598	2000.710	09/16/00	3.7
33.8	0.9	7.754	2000.866	11/12/00	4.4
33.0	1.2	7.943	2001.055	01/20/01	4.2
33.1	0.7	8.118	2001.230	03/25/01	4.1
32.8	0.4	8.348	2001.460	06/17/01	3.9

HLSA

30.2	0.4	8.540	2001.652	08/26/01	3.5
35.2	0.2	8.712	2001.824	10/28/01	4.0
33.8	0.8	9.017	2002.129	02/16/02	3.7
35.7	0.5	9.173	2002.285	04/14/02	3.9
40.0	1.3	9.633	2002.745	09/29/02	4.2
38.0	1.0	9.748	2002.860	11/10/02	3.9
41.1	1.1	9.998	2003.110	02/09/03	4.1
40.7	0.7	10.113	2003.225	03/23/03	4.0
40.1	0.7	10.378	2003.490	06/28/03	3.9
41.4	0.8	10.707	2003.819	10/26/03	3.9
42.9	1.6	10.880	2003.992	12/28/03	3.9
42.7	0.5	11.033	2004.145	02/22/04	3.9
47.4	1.5	11.281	2004.393	05/23/04	4.2
45.1	0.2	11.511	2004.623	08/15/04	3.9
48.4	0.7	11.702	2004.814	10/24/04	4.1
51.8	0.9	11.932	2005.044	01/16/05	4.3
45.9	0.5	12.124	2005.236	03/27/05	3.8
48.4	0.8	12.354	2005.466	06/19/05	3.9
48.5	1.4	12.545	2005.658	08/28/05	3.9
50.2	0.7	12.661	2005.773	10/09/05	4.0
47.2	0.9	12.910	2006.022	01/08/06	3.7
52.8	0.6	13.099	2006.211	03/18/06	4.0
50.6	1.2	13.272	2006.384	05/20/06	3.8
51.4	0.6	13.485	2006.597	08/06/06	3.8
51.2	0.5	13.696	2006.808	10/22/06	3.7
54.2	0.8	13.981	2007.093	02/03/07	3.9

HPMD

HPMD -Parkmeadow Drive, Fremont Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.3	0.000	1992.262	04/05/92	
0.8	0.9	0.170	1992.432	06/06/92	
-5.0	1.0	0.514	1992.776	10/10/92	
-4.6	2.1	0.661	1992.923	12/03/92	
-0.9	2.3	0.861	1993.123	02/14/93	
0.1	1.9	1.034	1993.296	04/18/93	0.1
0.9	0.8	1.108	1993.370	05/15/93	0.8
-3.2	0.9	1.376	1993.638	08/21/93	-2.3
-3.6	1.5	1.606	1993.868	11/13/93	-2.2
-1.0	1.6	1.798	1994.060	01/22/94	-0.6
0.2	1.0	1.990	1994.252	04/02/94	0.1
0.3	1.7	2.204	1994.466	06/19/94	0.1
-1.7	1.8	2.330	1994.592	08/04/94	-0.7
1.1	0.8	2.508	1994.770	10/08/94	0.4
3.3	3.2	2.700	1994.962	12/17/94	1.2
1.8	1.5	2.891	1995.153	02/25/95	0.6
7.3	1.8	3.064	1995.326	04/29/95	2.4
4.4	0.7	3.220	1995.482	06/25/95	1.4
4.2	0.8	3.390	1995.652	08/26/95	1.2
4.6	2.9	3.546	1995.808	10/22/95	1.3
6.8	0.8	3.697	1995.959	12/16/95	1.8
23.4	3.4	3.869	1996.131	02/17/96	6.0
26.4	3.8	3.888	1996.150	02/24/96	6.8
23.6	3.8	3.929	1996.191	03/10/96	6.0
23.0	1.0	4.099	1996.361	05/11/96	5.6
25.7	4.2	4.271	1996.533	07/13/96	6.0
21.5	1.9	4.380	1996.642	08/22/96	4.9
23.0	1.7	4.539	1996.801	10/19/96	5.1
25.6	1.1	4.692	1996.954	12/14/96	5.5
25.8	2.3	4.845	1997.107	02/08/97	5.3
25.2	2.0	5.017	1997.279	04/12/97	5.0
24.9	1.3	5.193	1997.455	06/15/97	4.8
24.0	1.3	5.385	1997.647	08/24/97	4.5
25.7	1.0	5.535	1997.797	10/18/97	4.6
27.0	1.8	5.727	1997.989	12/27/97	4.7
27.8	0.4	5.900	1998.162	02/28/98	4.7
26.5	1.4	6.053	1998.315	04/25/98	4.4
28.3	1.1	6.226	1998.488	06/27/98	4.5
26.7	1.2	6.423	1998.685	09/07/98	4.2
27.8	1.0	6.628	1998.890	11/21/98	4.2
32.2	0.3	6.820	1999.082	01/30/99	4.7
32.8	1.1	6.957	1999.219	03/21/99	4.7
33.3	1.2	7.127	1999.389	05/22/99	4.7
31.1	3.8	7.300	1999.562	07/24/99	4.3
30.6	1.8	7.434	1999.696	09/11/99	4.1

HPMD

32.8	3.8	7.587	1999.849	11/06/99	4.3
35.1	3.7	7.817	2000.079	01/29/00	4.5
34.3	1.8	7.970	2000.232	03/25/00	4.3
38.3	2.3	8.126	2000.388	05/21/00	4.7
39.3	1.9	8.315	2000.577	07/29/00	4.7
42.8	3.0	8.544	2000.806	10/21/00	5.0
45.2	4.5	8.678	2000.940	12/09/00	5.2
42.9	3.3	8.850	2001.112	02/10/01	4.8
44.1	0.4	9.061	2001.323	04/28/01	4.9
43.9	0.8	9.256	2001.518	07/08/01	4.7
52.0	1.9	9.428	2001.690	09/09/01	5.5
46.9	0.8	9.560	2001.822	10/27/01	4.9
51.4	1.0	9.793	2002.055	01/20/02	5.3
47.9	1.9	10.001	2002.263	04/06/02	4.8
50.5	1.9	10.154	2002.416	06/01/02	5.0
52.5	1.1	10.368	2002.630	08/18/02	5.1
54.1	0.4	10.522	2002.784	10/13/02	5.1
55.2	0.2	10.596	2002.858	11/09/02	5.2
56.8	0.5	10.771	2003.033	01/12/03	5.3
55.1	0.8	10.922	2003.184	03/08/03	5.0
57.7	0.4	11.209	2003.471	06/21/03	5.2
58.2	1.4	11.420	2003.682	09/06/03	5.1
61.2	0.6	11.557	2003.819	10/26/03	5.3
62.5	0.2	11.708	2003.970	12/20/03	5.3
62.4	0.5	11.938	2004.200	03/13/04	5.2
62.3	0.9	12.110	2004.372	05/15/04	5.1
64.1	0.4	12.397	2004.659	08/28/04	5.2
66.3	0.6	12.569	2004.831	10/30/04	5.3
69.9	1.8	12.724	2004.986	12/26/04	5.5
68.4	0.7	12.897	2005.159	02/27/05	5.3
68.1	0.8	13.144	2005.406	05/28/05	5.2
73.1	0.6	13.261	2005.523	07/10/05	5.5
75.2	0.5	13.527	2005.789	10/15/05	5.6
73.2	0.6	13.604	2005.866	11/12/05	5.4
77.5	1.0	13.795	2006.058	01/21/06	5.6
76.5	1.7	13.971	2006.233	03/26/06	5.5
77.0	0.9	14.160	2006.422	06/03/06	5.4
77.6	1.1	14.374	2006.636	08/20/06	5.4
83.3	0.4	14.582	2006.844	11/04/06	5.7
83.6	0.5	14.763	2007.025	01/09/07	5.7

HRKT

HRKT -Rockett Drive, Fremont Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	2.9	0.000	1979.726	09/22/79	
-7.0	1.3	0.192	1979.918	12/01/79	
-3.2	4.5	0.383	1980.109	02/09/80	
1.1	4.3	0.498	1980.224	03/22/80	
3.7	1.4	0.777	1980.503	07/02/80	
3.7	1.4	0.982	1980.708	09/15/80	3.8
3.4	2.9	1.072	1980.798	10/18/80	3.2
2.5	2.4	1.269	1980.995	12/29/80	2.0
4.5	1.5	1.403	1981.129	02/16/81	3.2
5.0	1.6	1.455	1981.181	03/07/81	3.4
6.8	1.6	1.712	1981.438	06/09/81	4.0
4.4	2.0	1.858	1981.584	08/01/81	2.4
6.2	1.3	2.203	1981.929	12/05/81	2.8
7.3	0.9	2.356	1982.082	01/30/82	3.1
8.3	3.4	2.471	1982.197	03/13/82	3.4
9.6	1.1	2.712	1982.438	06/09/82	3.5
9.2	1.5	2.841	1982.567	07/26/82	3.2
8.5	1.9	2.918	1982.644	08/23/82	2.9
10.4	1.1	3.321	1983.047	01/17/83	3.1
21.0	1.1	3.660	1983.386	05/21/83	5.7
19.0	1.0	3.690	1983.416	06/01/83	5.1
20.0	0.7	3.718	1983.444	06/11/83	5.4
19.3	1.1	3.871	1983.597	08/06/83	5.0
20.4	1.9	4.121	1983.847	11/05/83	5.0
22.2	1.3	4.370	1984.096	02/04/84	5.1
23.9	0.7	4.624	1984.350	05/07/84	5.2
23.5	0.3	4.714	1984.440	06/09/84	5.0
22.9	1.3	4.867	1984.593	08/04/84	4.7
23.3	1.0	5.039	1984.765	10/06/84	4.6
24.0	0.8	5.192	1984.918	12/01/84	4.6
26.9	0.4	5.367	1985.093	02/03/85	5.0
25.5	0.2	5.600	1985.326	04/29/85	4.6
26.3	0.3	5.732	1985.458	06/16/85	4.6
26.0	0.2	6.082	1985.808	10/22/85	4.3
29.0	0.2	6.225	1985.951	12/13/85	4.7
37.0	1.6	6.458	1986.184	03/08/86	5.7
39.0	0.6	6.521	1986.247	03/31/86	6.0
37.8	0.5	6.696	1986.422	06/03/86	5.6
38.5	0.5	6.806	1986.532	07/13/86	5.7
34.5	1.0	6.956	1986.682	09/06/86	5.0
34.7	1.7	7.090	1986.816	10/25/86	4.9
34.0	1.9	7.225	1986.951	12/13/86	4.7
38.1	1.3	7.512	1987.238	03/28/87	5.1
38.9	1.8	7.630	1987.356	05/10/87	5.1
40.3	1.7	7.800	1987.526	07/11/87	5.2

HRKT

35.3	1.8	8.126	1987.852	11/07/87	4.3
39.8	0.8	8.340	1988.066	01/24/88	4.8
40.5	0.6	8.566	1988.292	04/16/88	4.7
48.6	1.2	8.684	1988.410	05/29/88	5.6
47.8	1.0	8.719	1988.445	06/11/88	5.5
47.8	2.5	8.872	1988.598	08/06/88	5.4
45.4	2.1	9.083	1988.809	10/22/88	5.0
45.2	2.3	9.219	1988.945	12/11/88	4.9
47.9	1.5	9.392	1989.118	02/12/89	5.1
48.6	0.3	9.523	1989.249	04/01/89	5.1
47.4	1.2	9.715	1989.441	06/10/89	4.9
44.7	0.9	9.869	1989.595	08/05/89	4.5
46.8	1.0	10.082	1989.808	10/22/89	4.6
47.6	0.9	10.271	1989.997	12/30/89	4.6
47.8	1.2	10.386	1990.112	02/10/90	4.6
51.1	1.0	10.501	1990.227	03/24/90	4.9
53.3	1.3	10.616	1990.342	05/05/90	5.0
53.4	1.7	10.770	1990.496	06/30/90	5.0
51.2	1.5	10.852	1990.578	07/30/90	4.7
51.8	1.5	10.975	1990.701	09/13/90	4.7
49.8	1.8	11.079	1990.805	10/21/90	4.5
50.7	1.5	11.323	1991.049	01/18/91	4.5
50.7	1.8	11.463	1991.189	03/10/91	4.4
50.2	1.9	11.633	1991.359	05/11/91	4.3
53.2	0.8	11.825	1991.551	07/20/91	4.5
49.9	0.6	11.942	1991.668	09/01/91	4.2
53.2	0.6	12.132	1991.858	11/09/91	4.4
54.3	1.8	12.320	1992.046	01/17/92	4.4
55.9	1.4	12.514	1992.240	03/28/92	4.5
55.8	1.5	12.689	1992.415	05/31/92	4.4
55.0	2.3	12.842	1992.568	07/26/92	4.3
50.3	0.9	13.014	1992.740	09/27/92	3.9
48.4	0.9	13.165	1992.891	11/21/92	3.7
52.1	1.8	13.315	1993.041	01/15/93	3.9
53.2	0.8	13.452	1993.178	03/06/93	4.0
65.1	1.1	13.625	1993.351	05/08/93	4.8
63.8	0.9	13.836	1993.562	07/24/93	4.6
59.3	0.9	14.027	1993.753	10/02/93	4.2
60.3	0.7	14.219	1993.945	12/11/93	4.2
63.8	0.8	14.395	1994.121	02/13/94	4.4
63.4	0.9	14.548	1994.274	04/10/94	4.4
69.9	0.5	14.718	1994.444	06/11/94	4.7
69.8	1.3	14.866	1994.592	08/04/94	4.7
68.4	0.8	15.044	1994.770	10/08/94	4.5
70.3	1.9	15.236	1994.962	12/17/94	4.6
69.6	1.0	15.427	1995.153	02/25/95	4.5
73.4	1.1	15.600	1995.326	04/29/95	4.7
72.3	1.1	15.756	1995.482	06/25/95	4.6
71.9	0.8	15.921	1995.647	08/24/95	4.5

HRKT

70.5	3.4	16.082	1995.808	10/22/95	4.4
71.4	1.2	16.233	1995.959	12/16/95	4.4
76.4	1.3	16.405	1996.131	02/17/96	4.7
80.5	3.5	16.635	1996.361	05/11/96	4.8
74.8	3.0	16.807	1996.533	07/13/96	4.5
72.9	0.3	16.913	1996.639	08/21/96	4.3
75.2	1.1	17.075	1996.801	10/19/96	4.4
75.8	0.9	17.228	1996.954	12/14/96	4.4
79.5	0.9	17.381	1997.107	02/08/97	4.6
78.8	0.8	17.592	1997.318	04/26/97	4.5
86.7	1.5	17.745	1997.471	06/21/97	4.9
84.2	0.3	17.918	1997.644	08/23/97	4.7
83.3	1.6	18.071	1997.797	10/18/97	4.6
87.7	2.0	18.263	1997.989	12/27/97	4.8
90.5	0.9	18.419	1998.145	02/22/98	4.9
91.1	1.7	18.589	1998.315	04/25/98	4.9
90.0	0.9	18.726	1998.452	06/14/98	4.8
91.1	0.4	18.956	1998.682	09/06/98	4.8
88.7	0.5	19.164	1998.890	11/21/98	4.6
94.5	0.3	19.356	1999.082	01/30/99	4.9
96.9	1.2	19.493	1999.219	03/21/99	5.0
95.9	2.2	19.663	1999.389	05/22/99	4.9
92.2	0.7	19.836	1999.562	07/24/99	4.6
91.2	1.2	19.973	1999.699	09/12/99	4.6
92.4	0.8	20.162	1999.888	11/20/99	4.6
94.4	0.8	20.334	2000.060	01/22/00	4.6
107.1	0.6	20.506	2000.232	03/25/00	5.2
107.2	0.6	20.662	2000.388	05/21/00	5.2
108.2	1.7	20.851	2000.577	07/29/00	5.2
106.2	2.4	21.080	2000.806	10/21/00	5.0
107.0	1.2	21.271	2000.997	12/30/00	5.0
112.0	0.6	21.444	2001.170	03/03/01	5.2
115.3	0.5	21.597	2001.323	04/28/01	5.3
112.0	0.2	21.792	2001.518	07/08/01	5.1
108.6	0.4	21.964	2001.690	09/09/01	4.9
109.0	0.5	22.096	2001.822	10/27/01	4.9
115.3	0.8	22.403	2002.129	02/16/02	5.1
115.7	0.6	22.537	2002.263	04/06/02	5.1
118.0	0.8	22.690	2002.416	06/01/02	5.2
113.2	1.3	22.904	2002.630	08/18/02	4.9
116.0	0.4	23.058	2002.784	10/13/02	5.0
112.6	0.5	23.132	2002.858	11/09/02	4.9
125.4	0.6	23.304	2003.030	01/11/03	5.4
124.4	0.8	23.458	2003.184	03/08/03	5.3
126.6	0.4	23.745	2003.471	06/21/03	5.3
124.8	0.6	23.956	2003.682	09/06/03	5.2
122.2	0.3	24.090	2003.816	10/25/03	5.1
124.1	0.4	24.244	2003.970	12/20/03	5.1
129.7	0.7	24.416	2004.142	02/21/04	5.3

HRKT

127.4	1.4	24.646	2004.372	05/15/04	5.2
127.4	1.1	24.932	2004.659	08/28/04	5.1
128.1	0.4	25.105	2004.831	10/30/04	5.1
130.7	1.0	25.260	2004.986	12/26/04	5.2
142.4	0.5	25.449	2005.175	03/05/05	5.6
143.9	0.3	25.680	2005.406	05/28/05	5.6
139.5	0.7	25.797	2005.523	07/10/05	5.4
136.2	0.5	26.140	2005.866	11/12/05	5.2
144.3	0.9	26.331	2006.058	01/21/06	5.5
146.3	1.2	26.507	2006.233	03/26/06	5.5
145.1	1.0	26.696	2006.422	06/03/06	5.4
148.1	0.7	26.910	2006.636	08/20/06	5.5
147.9	0.8	27.118	2006.844	11/04/06	5.5
152.3	0.9	27.299	2007.025	01/09/07	5.6

HROS

HROS -Rose Street, Hayward Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.2	0.000	1980.481	06/24/80	
-1.5	1.1	0.112	1980.593	08/04/80	
-0.9	1.2	0.284	1980.765	10/06/80	
-2.3	1.6	0.380	1980.861	11/10/80	
0.2	1.1	0.535	1981.016	01/06/81	
2.7	0.4	0.733	1981.214	03/19/81	
3.5	0.5	1.020	1981.501	07/02/81	3.4
2.6	0.8	1.105	1981.586	08/02/81	2.4
5.4	0.8	1.355	1981.836	11/01/81	4.0
12.6	0.6	1.538	1982.019	01/07/82	8.2
9.6	0.2	1.694	1982.175	03/05/82	5.7
11.9	1.6	1.738	1982.219	03/21/82	6.8
10.3	0.9	1.935	1982.416	06/01/82	5.3
9.4	0.6	2.097	1982.578	07/30/82	4.5
9.2	0.5	2.177	1982.658	08/28/82	4.2
7.2	0.6	2.352	1982.833	10/31/82	3.1
9.9	1.2	2.541	1983.022	01/08/83	3.9
13.5	0.6	2.790	1983.271	04/09/83	4.8
14.6	1.1	2.933	1983.414	05/31/83	5.0
12.2	0.6	2.963	1983.444	06/11/83	4.1
14.2	3.1	3.111	1983.592	08/04/83	4.6
13.4	1.3	3.234	1983.715	09/18/83	4.1
13.4	1.7	3.330	1983.811	10/23/83	4.0
15.4	0.4	3.585	1984.066	01/24/84	4.3
19.3	0.9	3.768	1984.249	03/31/84	5.1
19.9	0.5	3.956	1984.437	06/08/84	5.0
19.2	1.0	4.169	1984.650	08/25/84	4.6
18.0	1.0	4.325	1984.806	10/21/84	4.2
20.8	0.8	4.541	1985.022	01/08/85	4.6
22.3	0.6	4.670	1985.151	02/24/85	4.8
23.5	0.4	4.842	1985.323	04/28/85	4.9
24.4	1.6	4.957	1985.438	06/09/85	4.9
22.0	1.2	5.223	1985.704	09/14/85	4.2
23.9	1.3	5.492	1985.973	12/21/85	4.4
34.9	0.8	5.741	1986.222	03/22/86	6.1
34.3	1.2	5.818	1986.299	04/19/86	5.9
33.0	0.1	5.944	1986.425	06/04/86	5.6
30.8	0.3	6.086	1986.567	07/26/86	5.1
30.2	1.4	6.242	1986.723	09/21/86	4.8
31.0	0.8	6.377	1986.858	11/09/86	4.9
30.0	1.3	6.546	1987.027	01/10/87	4.6
35.5	1.6	6.760	1987.241	03/29/87	5.3
36.5	0.9	6.949	1987.430	06/06/87	5.3
34.7	1.4	7.124	1987.605	08/09/87	4.9
34.9	1.5	7.316	1987.797	10/18/87	4.8

HROS

34.8	1.3	7.582	1988.063	01/23/88	4.6
34.5	1.2	7.735	1988.216	03/19/88	4.5
32.9	1.3	7.891	1988.372	05/15/88	4.2
35.8	1.7	8.082	1988.563	07/24/88	4.4
37.9	1.7	8.194	1988.675	09/03/88	4.6
38.4	1.3	8.369	1988.850	11/06/88	4.6
39.5	1.1	8.577	1989.058	01/21/89	4.6
44.9	1.4	8.845	1989.326	04/29/89	5.1
42.7	1.4	9.092	1989.573	07/28/89	4.7
42.8	0.9	9.267	1989.748	09/30/89	4.6
44.9	0.8	9.366	1989.847	11/05/89	4.8
43.6	0.4	9.538	1990.019	01/07/90	4.6
46.3	0.8	9.656	1990.137	02/19/90	4.8
47.1	0.5	9.801	1990.282	04/13/90	4.8
44.0	1.1	9.916	1990.397	05/25/90	4.4
43.5	0.3	10.031	1990.512	07/06/90	4.3
43.5	0.6	10.130	1990.611	08/11/90	4.3
44.9	1.6	10.278	1990.759	10/04/90	4.4
46.3	0.8	10.437	1990.918	12/01/90	4.4
46.8	0.5	10.648	1991.129	02/16/91	4.4
48.8	0.7	10.757	1991.238	03/28/91	4.5
50.3	0.8	10.859	1991.340	05/04/91	4.6
54.6	0.6	11.053	1991.534	07/14/91	4.9
54.7	1.0	11.242	1991.723	09/21/91	4.9
57.0	0.6	11.415	1991.896	11/23/91	5.0
60.0	0.5	11.587	1992.068	01/25/92	5.2
61.5	0.8	11.779	1992.260	04/04/92	5.2
61.4	0.4	11.855	1992.336	05/02/92	5.2
59.3	0.7	12.046	1992.527	07/11/92	4.9
59.3	1.9	12.251	1992.732	09/24/92	4.8
59.6	1.7	12.391	1992.872	11/14/92	4.8
62.1	1.2	12.585	1993.066	01/24/93	4.9
65.0	2.1	12.735	1993.216	03/20/93	5.1
65.9	1.8	12.949	1993.430	06/06/93	5.1
67.6	0.4	13.198	1993.679	09/05/93	5.1
62.1	2.7	13.371	1993.852	11/07/93	4.6
65.1	1.0	13.563	1994.044	01/16/94	4.8
65.6	1.5	13.755	1994.236	03/27/94	4.8
72.3	0.9	13.982	1994.463	06/18/94	5.2
67.1	0.7	14.108	1994.589	08/03/94	4.8
67.3	0.9	14.327	1994.808	10/22/94	4.7
76.0	0.9	14.596	1995.077	01/28/95	5.2
74.1	1.6	14.787	1995.268	04/08/95	5.0
73.4	1.1	14.979	1995.460	06/17/95	4.9
72.8	0.7	15.163	1995.644	08/23/95	4.8
75.7	2.2	15.344	1995.825	10/28/95	4.9
76.0	2.1	15.497	1995.978	12/23/95	4.9
75.0	0.9	15.634	1996.115	02/11/96	4.8
75.8	0.7	15.784	1996.265	04/06/96	4.8

HROS

78.8	1.5	16.014	1996.495	06/29/96	4.9
80.5	1.1	16.153	1996.634	08/19/96	5.0
78.1	0.7	16.339	1996.820	10/26/96	4.8
82.8	1.0	16.549	1997.030	01/11/97	5.0
79.0	2.2	16.760	1997.241	03/29/97	4.7
83.7	0.7	16.916	1997.397	05/25/97	4.9
82.9	0.9	17.051	1997.532	07/13/97	4.9
86.1	0.9	17.152	1997.633	08/19/97	5.0
82.9	0.9	17.355	1997.836	11/01/97	4.8
88.5	0.8	17.546	1998.027	01/10/98	5.0
85.7	0.8	17.719	1998.200	03/14/98	4.8
87.9	0.6	17.933	1998.414	05/31/98	4.9
88.6	0.8	18.218	1998.699	09/12/98	4.9
91.3	0.4	18.374	1998.855	11/08/98	5.0
92.3	0.7	18.582	1999.063	01/23/99	5.0
96.0	1.3	18.719	1999.200	03/14/99	5.1
94.1	1.2	18.892	1999.373	05/16/99	5.0
92.9	1.8	19.177	1999.658	08/28/99	4.8
92.3	0.6	19.349	1999.830	10/30/99	4.8
98.9	0.4	19.560	2000.041	01/15/00	5.1
98.2	0.5	19.770	2000.251	04/01/00	5.0
99.0	0.8	19.981	2000.462	06/17/00	5.0
99.1	1.1	20.136	2000.617	08/13/00	4.9
103.1	1.1	20.344	2000.825	10/28/00	5.1
98.3	1.2	20.535	2001.016	01/06/01	4.8
98.1	0.6	20.746	2001.227	03/24/01	4.7
98.3	0.4	20.900	2001.381	05/19/01	4.7
100.1	0.5	21.072	2001.553	07/21/01	4.7
99.9	0.4	21.245	2001.726	09/22/01	4.7
103.4	1.2	21.324	2001.806	10/21/01	4.8
105.9	0.8	21.700	2002.181	03/07/02	4.9
103.0	1.0	21.878	2002.359	05/11/02	4.7
105.1	0.9	22.053	2002.534	07/14/02	4.8
105.1	0.4	22.264	2002.745	09/29/02	4.7
106.9	0.8	22.360	2002.841	11/03/02	4.8
107.3	0.6	22.629	2003.110	02/09/03	4.7
110.1	1.4	22.760	2003.241	03/29/03	4.8
113.6	0.5	22.974	2003.455	06/15/03	4.9
114.0	1.0	23.262	2003.743	09/28/03	4.9
113.4	1.0	23.319	2003.800	10/19/03	4.9
116.7	0.5	23.585	2004.066	01/24/04	4.9
114.6	1.1	23.740	2004.221	03/21/04	4.8
114.4	1.0	23.912	2004.393	05/23/04	4.8
116.2	0.6	24.197	2004.678	09/04/04	4.8
120.1	0.9	24.314	2004.795	10/17/04	4.9
114.6	1.1	24.486	2004.967	12/19/04	4.7
122.0	0.8	24.694	2005.175	03/05/05	4.9
117.1	0.8	24.985	2005.466	06/19/05	4.7
117.6	0.7	25.177	2005.658	08/28/05	4.7

HROS

118.5	0.9	25.292	2005.773	10/09/05	4.7
118.5	0.9	25.541	2006.022	01/08/06	4.6
115.1	0.4	25.730	2006.211	03/18/06	4.5
115.2	0.3	25.903	2006.384	05/20/06	4.4
115.8	0.7	26.040	2006.521	07/09/06	4.4
115.6	0.5	26.343	2006.824	10/29/06	4.4
112.4	0.6	26.563	2007.044	01/16/07	4.2

HTBR

HTBR -Thors Bay Road, El Cerrito Hayward fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.0	0.000	1989.748	09/30/89	
14.5	1.0	2.867	1992.615	08/12/92	5.1
21.3	1.0	3.304	1993.052	01/19/93	6.4
23.7	1.0	4.830	1994.578	07/30/94	4.9
29.0	0.4	5.885	1995.633	08/19/95	4.9
32.9	0.9	6.880	1996.628	08/17/96	4.8
35.7	2.1	7.688	1997.436	06/08/97	4.6
37.3	0.5	7.877	1997.625	08/16/97	4.7
37.6	1.1	8.071	1997.819	10/26/97	4.7
40.4	1.1	8.225	1997.973	12/21/97	4.9
40.2	0.7	8.378	1998.126	02/15/98	4.8
40.4	0.7	8.512	1998.260	04/05/98	4.7
42.2	0.3	8.704	1998.452	06/14/98	4.8
41.0	0.4	8.912	1998.660	08/29/98	4.6
39.7	0.6	9.047	1998.795	10/17/98	4.4
45.4	0.4	9.181	1998.929	12/05/98	4.9
45.5	1.0	9.394	1999.142	02/21/99	4.8
45.8	1.5	9.567	1999.315	04/25/99	4.8
45.3	0.1	9.720	1999.468	06/20/99	4.7
45.9	0.6	9.929	1999.677	09/04/99	4.6
44.5	0.4	10.120	1999.868	11/13/99	4.4
47.2	1.6	10.296	2000.044	01/16/00	4.6
48.0	0.5	10.487	2000.235	03/26/00	4.6
49.6	1.1	10.656	2000.404	05/27/00	4.7
45.6	0.6	10.831	2000.579	07/30/00	4.2
48.9	0.8	11.080	2000.828	10/29/00	4.4
51.3	2.0	11.310	2001.058	01/21/01	4.5
51.2	1.4	11.479	2001.227	03/24/01	4.5
49.1	0.9	11.671	2001.419	06/02/01	4.2
48.2	0.5	11.882	2001.630	08/18/01	4.1
45.7	0.5	12.055	2001.803	10/20/01	3.8
51.9	1.9	12.288	2002.036	01/13/02	4.2
53.6	1.0	12.438	2002.186	03/09/02	4.3
50.3	0.6	12.611	2002.359	05/11/02	4.0
52.1	1.1	12.795	2002.543	07/14/02	4.1
50.1	1.1	12.956	2002.704	09/14/02	3.9
49.9	0.6	13.090	2002.838	11/02/02	3.8
56.9	1.1	13.247	2002.995	12/29/02	4.3
57.5	1.1	13.477	2003.225	03/23/03	4.3
55.1	0.7	13.630	2003.378	05/18/03	4.0
56.2	1.0	13.784	2003.532	07/13/03	4.1
54.8	0.4	14.049	2003.797	10/18/03	3.9
58.7	0.7	14.205	2003.953	12/14/03	4.1
57.8	1.5	14.378	2004.126	02/15/04	4.0
57.3	1.0	14.525	2004.273	04/09/04	3.9
56.2	1.3	14.681	2004.429	06/05/04	3.8
56.6	1.2	14.875	2004.623	08/15/04	3.8
58.5	0.6	15.044	2004.792	10/16/04	3.9
61.6	1.1	15.296	2005.044	01/16/05	4.0
62.8	0.4	15.488	2005.236	03/27/05	4.1

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61.3	1.5	15.600	2005.348	05/07/05	3.9
60.7	1.2	15.890	2005.638	08/21/05	3.8
61.0	1.0	16.022	2005.770	10/08/05	3.8
64.5	1.6	16.329	2006.077	01/28/06	4.0
64.6	1.7	16.578	2006.326	04/29/06	3.9
60.6	1.0	16.811	2006.559	07/23/06	3.6
63.5	1.3	17.060	2006.808	10/22/06	3.7
69.8	0.6	17.326	2007.074	01/27/07	4.0

MUKI

MUKI - Sanford Ranch Road, Ukiah Maacama fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.8	0.000	1993.389	05/22/93	
-1.3	1.3	0.230	1993.619	08/14/93	
1.1	1.4	0.422	1993.811	10/23/93	
2.3	3.6	0.825	1994.214	03/19/94	
1.9	1.4	0.962	1994.351	05/08/94	2.0
8.4	3.4	1.132	1994.521	07/09/94	7.4
8.0	7.4	1.304	1994.693	09/10/94	6.1
8.8	3.1	1.496	1994.885	11/19/94	5.9
12.2	2.1	1.669	1995.058	01/21/95	7.3
11.5	2.0	1.841	1995.230	03/25/95	6.2
14.4	2.1	2.052	1995.441	06/10/95	7.0
8.4	0.9	2.225	1995.614	08/12/95	3.8
8.8	2.8	2.438	1995.827	10/29/95	3.6
13.4	1.2	2.666	1996.055	01/20/96	5.0
9.3	9.6	2.857	1996.246	03/30/96	3.3
9.4	4.0	3.067	1996.456	06/15/96	3.1
10.1	1.5	3.278	1996.667	08/31/96	3.1
13.5	2.2	3.453	1996.842	11/03/96	3.9
16.7	1.0	3.699	1997.088	02/01/97	4.5
13.0	2.7	3.871	1997.260	04/05/97	3.4
13.8	2.4	4.063	1997.452	06/14/97	3.4
17.7	4.6	4.216	1997.605	08/09/97	4.2
18.0	0.9	4.427	1997.816	10/25/97	4.1
20.5	3.2	4.581	1997.970	12/20/97	4.5
24.0	4.0	4.792	1998.181	03/07/98	5.0
23.4	2.9	4.964	1998.353	05/09/98	4.7
22.3	2.6	5.137	1998.526	07/11/98	4.3
20.5	3.4	5.329	1998.718	09/19/98	3.8
25.3	2.1	5.504	1998.893	11/22/98	4.6
23.0	2.2	5.677	1999.066	01/24/99	4.1
25.4	2.3	5.827	1999.216	03/20/99	4.4
23.5	2.3	5.981	1999.370	05/15/99	3.9
25.1	3.5	6.175	1999.564	07/25/99	4.1
24.6	2.9	6.386	1999.775	10/10/99	3.9
25.3	5.2	6.556	1999.945	12/11/99	3.9
26.1	3.8	6.805	2000.194	03/11/00	3.8
34.2	3.7	6.977	2000.366	05/13/00	4.9
33.4	1.6	7.149	2000.538	07/15/00	4.7
38.4	1.8	7.362	2000.751	10/01/00	5.2
38.7	4.8	7.532	2000.921	12/02/00	5.1
35.0	4.3	7.762	2001.151	02/24/01	4.5
32.8	0.7	7.901	2001.290	04/16/01	4.1
33.9	1.5	8.107	2001.496	06/30/01	4.2
38.5	1.4	8.260	2001.649	08/25/01	4.7
34.3	1.3	8.455	2001.844	11/04/01	4.1

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41.1	1.5	8.625	2002.014	01/05/02	4.8
38.2	1.2	8.855	2002.244	03/30/02	4.3
36.0	1.4	9.030	2002.419	06/02/02	4.0
48.1	1.0	9.277	2002.666	08/31/02	5.2
47.5	0.5	9.430	2002.819	10/26/02	5.0
47.6	0.4	9.545	2002.934	12/07/02	5.0
45.9	0.4	9.756	2003.145	02/22/03	4.7
47.5	0.8	9.948	2003.337	05/03/03	4.8
45.0	0.7	10.159	2003.548	07/19/03	4.4
47.9	0.9	10.312	2003.701	09/13/03	4.6
50.6	0.4	10.559	2003.948	12/12/03	4.8
49.0	0.6	10.772	2004.161	02/28/04	4.5
48.6	0.7	10.925	2004.314	04/24/04	4.5
51.7	0.5	11.059	2004.448	06/12/04	4.7
45.1	0.4	11.327	2004.716	09/18/04	4.0
51.3	2.4	11.499	2004.888	11/20/04	4.5
51.0	0.9	11.693	2005.082	01/30/05	4.4
48.2	0.5	11.997	2005.386	05/21/05	4.0
51.6	0.9	12.170	2005.559	07/23/05	4.2
51.5	1.2	12.323	2005.712	09/17/05	4.2
55.4	0.7	12.573	2005.962	12/17/05	4.4
58.3	1.1	12.803	2006.192	03/11/06	4.6
58.6	1.4	12.948	2006.337	05/14/06	4.5
59.5	0.8	13.263	2006.652	08/26/06	4.5
62.2	1.0	13.551	2006.940	12/09/06	4.6

MWIL

MWIL - W. Commercial Ave., Willits Maacama fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.3	0.000	1991.871	11/14/91	
3.5	1.3	0.430	1992.301	04/19/92	
6.3	1.4	0.580	1992.451	06/13/92	
3.8	1.1	0.793	1992.664	08/30/92	
6.0	2.2	0.976	1992.847	11/05/92	6.1
7.7	3.1	1.184	1993.055	01/20/93	6.5
7.9	2.0	1.518	1993.389	05/22/93	5.2
8.1	2.7	1.748	1993.619	08/14/93	4.6
7.8	3.0	1.940	1993.811	10/23/93	4.0
11.3	1.1	2.151	1994.022	01/08/94	5.3
16.7	2.1	2.343	1994.214	03/19/94	7.1
18.8	1.7	2.480	1994.351	05/08/94	7.6
19.8	0.8	2.650	1994.521	07/09/94	7.5
20.8	1.5	2.822	1994.693	09/10/94	7.4
24.3	1.3	3.014	1994.885	11/19/94	8.1
26.5	1.0	3.187	1995.058	01/21/95	8.3
27.6	1.6	3.359	1995.230	03/25/95	8.2
25.4	1.1	3.570	1995.441	06/10/95	7.1
26.5	2.4	3.743	1995.614	08/12/95	7.1
25.4	1.0	3.956	1995.827	10/29/95	6.4
29.4	2.6	4.184	1996.055	01/20/96	7.0
30.0	4.4	4.375	1996.246	03/30/96	6.9
30.2	4.1	4.585	1996.456	06/15/96	6.6
29.2	1.0	4.796	1996.667	08/31/96	6.1
32.0	2.1	4.971	1996.842	11/03/96	6.4
40.2	1.4	5.217	1997.088	02/01/97	7.7
37.9	0.7	5.389	1997.260	04/05/97	7.0
39.9	1.2	5.581	1997.452	06/14/97	7.1
37.6	0.4	5.734	1997.605	08/09/97	6.6
39.8	1.2	5.945	1997.816	10/25/97	6.7
44.2	2.1	6.099	1997.970	12/20/97	7.2
45.5	0.9	6.310	1998.181	03/07/98	7.2
45.6	1.1	6.482	1998.353	05/09/98	7.0
43.5	0.4	6.655	1998.526	07/11/98	6.5
44.2	1.2	6.847	1998.718	09/19/98	6.5
46.1	0.9	7.022	1998.893	11/22/98	6.6
49.2	2.0	7.195	1999.066	01/24/99	6.8
50.9	1.0	7.345	1999.216	03/20/99	6.9
50.9	1.0	7.499	1999.370	05/15/99	6.8
48.7	3.3	7.693	1999.564	07/25/99	6.3
48.8	3.4	7.904	1999.775	10/10/99	6.2
50.9	1.4	8.074	1999.945	12/11/99	6.3
53.5	2.7	8.323	2000.194	03/11/00	6.4
54.0	2.8	8.495	2000.366	05/13/00	6.4
56.5	1.4	8.880	2000.751	10/01/00	6.4
57.8	3.0	9.050	2000.921	12/02/00	6.4
61.2	2.2	9.280	2001.151	02/24/01	6.6
60.9	1.2	9.419	2001.290	04/16/01	6.5
61.1	0.3	9.625	2001.496	06/30/01	6.3
61.4	2.1	9.778	2001.649	08/25/01	6.3

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63.0	1.8	9.973	2001.844	11/04/01	6.3
63.1	1.6	10.143	2002.014	01/05/02	6.2
65.2	1.8	10.373	2002.244	03/30/02	6.3
70.7	2.6	10.548	2002.419	06/02/02	6.7
72.6	1.8	10.795	2002.666	08/31/02	6.7
74.0	0.8	10.948	2002.819	10/26/02	6.8
74.1	0.6	11.063	2002.934	12/07/02	6.7
75.8	0.7	11.274	2003.145	02/22/03	6.7
77.1	0.6	11.466	2003.337	05/03/03	6.7
77.4	0.8	11.677	2003.548	07/19/03	6.6
78.0	1.7	11.830	2003.701	09/13/03	6.6
78.6	1.0	12.077	2003.948	12/12/03	6.5
83.0	0.3	12.290	2004.161	02/28/04	6.8
82.3	0.5	12.443	2004.314	04/24/04	6.6
79.9	0.4	12.577	2004.448	06/12/04	6.4
82.7	0.6	12.845	2004.716	09/18/04	6.4
82.0	2.1	13.017	2004.888	11/20/04	6.3
85.7	2.2	13.211	2005.082	01/30/05	6.5
88.3	0.5	13.515	2005.386	05/21/05	6.5
84.1	0.7	13.688	2005.559	07/23/05	6.1
83.7	1.1	13.841	2005.712	09/17/05	6.0
88.2	0.8	14.091	2005.962	12/17/05	6.3
88.3	1.4	14.321	2006.192	03/11/06	6.2
88.0	1.3	14.466	2006.337	05/14/06	6.1
90.4	1.5	14.784	2006.655	08/27/06	6.1
90.4	0.4	15.069	2006.940	12/09/06	6.0

RCS D

RCS D - Solano Drive Rodgers Creek fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.00	0.6	0.000	2002.630	08/18/02	
-0.70	0.6	0.400	2003.030	01/11/03	-1.7
1.03	0.3	0.630	2003.260	04/05/03	1.6
1.80	0.3	0.786	2003.416	06/01/03	2.3
3.12	0.4	1.033	2003.663	08/30/03	3.0
5.42	0.7	1.247	2003.877	11/16/03	4.3
4.82	1.4	1.419	2004.049	01/18/04	3.4
5.53	1.0	1.572	2004.202	03/14/04	3.5
4.36	0.4	1.761	2004.391	05/22/04	2.5
5.25	1.1	2.067	2004.697	09/11/04	2.5
6.84	0.9	2.222	2004.853	11/07/04	3.1
5.75	1.4	2.430	2005.060	01/22/05	2.4
5.92	0.5	2.641	2005.271	04/09/05	2.2
4.34	0.8	2.855	2005.485	06/26/05	1.5
5.08	1.3	3.066	2005.696	09/11/05	1.7
7.28	0.6	3.312	2005.943	12/10/05	2.2
6.69	1.6	3.619	2006.249	04/01/06	1.8
7.24	2.4	3.926	2006.556	07/22/06	1.8
7.29	0.9	4.271	2006.901	11/25/06	1.7
7.83	0.1	4.482	2007.112	02/10/07	1.7

RCSM

RCSM - Sonoma Mountain Rd. Rodgers Creek fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.4	0.000	2002.630	08/18/02	0.0
-1.4	0.6	0.400	2003.030	01/11/03	-3.4
-2.6	0.8	0.630	2003.260	04/05/03	-4.2
-3.7	1.0	0.786	2003.416	06/01/03	-4.7
-4.8	0.3	1.033	2003.663	08/30/03	-4.6
-4.6	0.6	1.247	2003.877	11/16/03	-3.7
-6.1	0.4	1.419	2004.049	01/18/04	-4.3
-6.7	0.5	1.572	2004.202	03/14/04	-4.2
-6.7	0.6	1.572	2004.202	03/14/04	-4.2
-4.0	0.7	1.761	2004.391	05/22/04	-2.3
0.4	0.9	2.067	2004.697	09/11/04	0.2
-0.1	0.6	2.222	2004.853	11/07/04	0.0
-3.6	0.8	2.430	2005.060	01/22/05	-1.5
-3.2	0.3	2.641	2005.271	04/09/05	-1.2
-3.1	0.4	2.855	2005.485	06/26/05	-1.1
-0.7	1.2	3.066	2005.696	09/11/05	-0.2
-5.3	1.7	3.312	2005.943	12/10/05	-1.6
-3.6	0.8	3.619	2006.249	04/01/06	-1.0
-6.6	0.7	3.926	2006.556	07/22/06	-1.7
-8.2	0.4	4.271	2006.901	11/25/06	-1.9

SAAC

SAAC - Alder Creek near Point Arena San Andreas fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.4	0.000	1981.025	01/09/81	
1.3	3.3	1.013	1982.038	01/14/82	1.3
2.6	4.1	2.112	1983.137	02/19/83	1.2
3.5	4.2	3.013	1984.038	01/14/84	1.2
4.3	1.5	4.005	1985.030	01/11/85	1.1
6.4	0.9	5.022	1986.047	01/17/86	1.3
5.2	0.9	6.022	1987.047	01/17/87	0.9
6.7	0.9	7.019	1988.044	01/16/88	1.0
7.4	1.9	8.013	1989.038	01/14/89	0.9
7.8	1.5	9.057	1990.082	01/30/90	0.9
10.8	1.3	10.008	1991.033	01/12/91	1.1
12.2	1.7	11.060	1992.085	01/31/92	1.1
11.3	3.2	12.005	1993.030	01/11/93	0.9
6.4	2.0	12.970	1993.995	12/29/93	0.5
8.4	2.4	13.967	1994.992	12/28/94	0.6
9.6	2.6	15.434	1996.459	06/16/96	0.6
9.5	1.6	16.561	1997.586	08/02/97	0.6
10.1	1.4	17.578	1998.603	08/08/98	0.6
11.7	1.7	18.575	1999.600	08/07/99	0.6
11.5	1.2	19.571	2000.596	08/05/00	0.6
11.7	0.9	20.4325	2001.458	06/16/01	0.6
11.2	0.9	21.4490	2002.474	06/22/02	0.5
9.4	2.0	22.5038	2003.529	07/12/03	0.4
11.9	1.3	23.4613	2004.486	06/26/04	0.5
8.1	2.6	24.5723	2005.597	08/06/05	0.3
16.4	3.6	25.6298	2006.655	08/27/06	0.6

SACR

SACR -Cannon Rd San Andreas fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.6	0.000	1989.882	11/18/89	
-0.1	0.5	0.077	1989.959	12/16/89	
1.0	1.3	0.173	1990.055	01/20/90	
-0.5	1.1	0.288	1990.170	03/03/90	
0.8	0.5	0.406	1990.288	04/15/90	
0.5	0.6	0.523	1990.405	05/28/90	
-0.4	0.8	0.671	1990.553	07/21/90	
0.4	0.5	0.786	1990.668	09/01/90	
2.0	1.3	0.902	1990.784	10/13/90	
0.6	1.1	1.055	1990.937	12/08/90	0.6
1.8	1.1	1.304	1991.186	03/09/91	1.4
0.8	0.7	1.433	1991.315	04/25/91	0.6
-2.3	0.7	1.614	1991.496	06/30/91	-1.4
-0.9	0.8	1.784	1991.666	08/31/91	-0.5
0.3	0.8	1.899	1991.781	10/12/91	0.2
1.5	1.1	2.074	1991.956	12/15/91	0.7
1.1	0.3	2.339	1992.221	03/21/92	0.5
1.5	0.5	2.492	1992.374	05/16/92	0.6
0.9	1.0	2.667	1992.549	07/19/92	0.3
-1.4	1.2	2.837	1992.719	09/19/92	-0.5
-2.6	0.6	3.047	1992.929	12/05/92	-0.9
0.5	0.6	3.258	1993.140	02/20/93	0.2
0.5	1.8	3.450	1993.332	05/01/93	0.1
1.0	0.6	3.584	1993.466	06/19/93	0.3
-0.3	0.4	3.795	1993.677	09/04/93	-0.1
-2.9	0.9	4.008	1993.890	11/21/93	-0.7
0.8	0.7	4.274	1994.156	02/26/94	0.2
0.8	2.4	4.428	1994.310	04/23/94	0.2
-5.0	1.1	4.658	1994.540	07/16/94	-1.1
-2.0	0.4	4.945	1994.827	10/29/94	-0.4
-1.6	0.1	5.156	1995.038	01/14/95	-0.3
-0.6	1.0	5.310	1995.192	03/11/95	-0.1
0.7	0.8	5.540	1995.422	06/03/95	0.1
-2.6	1.5	5.828	1995.710	09/16/95	-0.4
-3.8	0.7	6.000	1995.882	11/18/95	-0.6
2.2	1.7	6.402	1996.284	04/13/96	0.3
2.2	2.3	6.670	1996.552	07/20/96	0.3
0.7	0.5	6.957	1996.839	11/02/96	0.1
3.7	1.1	7.244	1997.126	02/15/97	0.5
2.4	0.4	7.458	1997.340	05/04/97	0.3
2.4	0.6	7.726	1997.608	08/10/97	0.3
2.4	0.4	7.992	1997.874	11/15/97	0.3
1.6	0.5	8.241	1998.123	02/14/98	0.2

SADW

SADW - Duhallow Way (E&W), Daly City San Andreas fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.5	0.000	1980.227	03/23/80	
0.5	1.4	0.273	1980.500	07/01/80	
2.2	2.1	0.505	1980.732	09/24/80	
1.4	2.0	0.571	1980.798	10/18/80	
1.3	1.0	0.664	1980.891	11/21/80	
3.1	1.2	0.768	1980.995	12/29/80	
1.8	0.8	0.828	1981.055	01/20/81	
2.9	0.4	0.981	1981.208	03/17/81	
2.2	0.7	1.061	1981.288	04/15/81	2.1
1.6	1.0	1.299	1981.526	07/11/81	1.2
1.7	1.2	1.376	1981.603	08/08/81	1.2
2.7	1.6	1.606	1981.833	10/31/81	1.7
2.7	1.0	1.743	1981.970	12/20/81	1.5
1.5	0.9	1.863	1982.090	02/02/82	0.8
2.4	1.9	1.992	1982.219	03/21/82	1.2
0.8	1.3	2.261	1982.488	06/27/82	0.4
-0.3	1.2	2.411	1982.638	08/21/82	-0.1
2.1	0.7	2.617	1982.844	11/04/82	0.8
1.0	1.9	2.814	1983.041	01/15/83	0.4
1.7	0.5	3.110	1983.337	05/03/83	0.5
-0.5	3.0	3.294	1983.521	07/09/83	-0.2
-1.3	1.6	3.526	1983.753	10/02/83	-0.4
-1.4	0.8	3.825	1984.052	01/19/84	-0.4
-1.6	2.2	3.983	1984.210	03/17/84	-0.4
-0.7	1.2	4.101	1984.328	04/29/84	-0.2
-0.5	1.2	4.196	1984.423	06/03/84	-0.1
-1.3	1.6	4.421	1984.648	08/24/84	-0.3
-0.5	0.4	4.598	1984.825	10/28/84	-0.1
-0.8	0.6	4.713	1984.940	12/09/84	-0.2
-1.0	0.6	4.825	1985.052	01/19/85	-0.2
-0.8	0.6	5.039	1985.266	04/07/85	-0.2
0.6	1.0	5.231	1985.458	06/16/85	0.1
1.6	0.6	5.362	1985.589	08/03/85	0.3
0.3	0.4	5.554	1985.781	10/12/85	0.1
-1.4	0.6	5.841	1986.068	01/25/86	-0.2
0.2	0.3	5.959	1986.186	03/09/86	0.0
-0.8	0.8	6.222	1986.449	06/13/86	-0.1
-0.4	1.4	6.343	1986.570	07/27/86	-0.1
-1.3	1.0	6.587	1986.814	10/24/86	-0.2
-2.4	1.3	6.743	1986.970	12/20/86	-0.4
-0.4	0.4	6.954	1987.181	03/07/87	-0.1
-1.7	1.0	7.294	1987.521	07/09/87	-0.2
-0.6	1.2	7.376	1987.603	08/08/87	-0.1
-1.1	0.9	7.568	1987.795	10/17/87	-0.1
-3.2	0.5	7.858	1988.085	01/31/88	-0.4

SADW

-0.8	0.8	8.084	1988.311	04/23/88	-0.1
0.3	0.8	8.268	1988.495	06/29/88	0.0
-0.3	1.2	8.467	1988.694	09/10/88	0.0
0.6	1.0	8.639	1988.866	11/12/88	0.1
-1.3	1.1	8.869	1989.096	02/04/89	-0.1
-2.2	0.8	8.935	1989.162	02/28/89	-0.2
-0.4	1.2	9.118	1989.345	05/06/89	0.0
-0.7	1.7	9.313	1989.540	07/16/89	-0.1
-0.2	0.8	9.387	1989.614	08/12/89	0.0
-1.6	2.1	9.546	1989.773	10/09/89	-0.2
-4.7	1.9	9.573	1989.800	10/19/89	-0.5
-3.5	0.9	9.584	1989.811	10/23/89	-0.4
-2.0	1.2	9.614	1989.841	11/03/89	-0.2
-2.0	0.9	9.647	1989.874	11/15/89	-0.2
0.0	1.2	9.820	1990.047	01/17/90	0.0
0.6	0.9	9.921	1990.148	02/23/90	0.1
-1.5	0.8	9.998	1990.225	03/23/90	-0.2
1.4	1.0	10.113	1990.340	05/04/90	0.1
-0.2	0.6	10.255	1990.482	06/25/90	0.0
-0.3	1.0	10.346	1990.573	07/28/90	0.0
0.3	1.5	10.455	1990.682	09/06/90	0.0
0.0	1.0	10.570	1990.797	10/18/90	0.0
0.6	1.6	10.825	1991.052	01/19/91	0.1
0.6	1.1	11.017	1991.244	03/30/91	0.1
0.9	0.9	11.170	1991.397	05/25/91	0.1
1.4	1.6	11.305	1991.532	07/13/91	0.1
2.4	1.9	11.573	1991.800	10/19/91	0.2
0.9	1.2	11.746	1991.973	12/21/91	0.1
1.3	1.5	11.956	1992.183	03/07/92	0.1
1.4	0.7	12.150	1992.377	05/17/92	0.1
0.9	1.5	12.339	1992.566	07/25/92	0.1
0.3	0.9	12.511	1992.738	09/26/92	0.0
0.5	1.0	12.683	1992.910	11/28/92	0.0
-3.0	1.8	12.894	1993.121	02/13/93	-0.2
-1.1	0.9	13.200	1993.427	06/05/93	-0.1
-1.9	0.9	13.488	1993.715	09/18/93	-0.1
-2.2	0.8	13.836	1994.063	01/23/94	-0.2
-1.2	1.2	13.968	1994.195	03/12/94	-0.1
-0.6	1.4	14.181	1994.408	05/29/94	0.0
-0.8	0.9	14.370	1994.597	08/06/94	-0.1
-4.9	1.0	14.674	1994.901	11/25/94	-0.3
-5.4	1.3	14.891	1995.118	02/12/95	-0.4
-2.3	1.0	15.173	1995.400	05/26/95	-0.2
-2.5	1.8	15.518	1995.745	09/29/95	-0.2
-1.9	0.9	15.792	1996.019	01/07/96	-0.1
-4.6	1.1	15.981	1996.208	03/16/96	-0.3
-4.2	0.6	16.287	1996.514	07/06/96	-0.3
-4.2	0.5	16.497	1996.724	09/21/96	-0.3
-3.8	1.6	16.707	1996.934	12/07/96	-0.2

SADW

-3.4	0.9	16.976	1997.203	03/15/97	-0.2
-4.2	0.8	17.283	1997.510	07/05/97	-0.2
-3.4	1.1	17.551	1997.778	10/11/97	-0.2
-4.7	0.6	17.839	1998.066	01/24/98	-0.3
-4.7	0.5	18.069	1998.296	04/18/98	-0.3
-4.6	0.6	18.357	1998.584	08/01/98	-0.3
-6.5	0.9	18.740	1998.967	12/19/98	-0.3
-3.5	0.4	18.970	1999.197	03/13/99	-0.2
-3.5	0.6	19.222	1999.449	06/13/99	-0.2
-4.5	1.7	19.565	1999.792	10/16/99	-0.2
-3.5	0.9	19.798	2000.025	01/09/00	-0.2
-3.4	1.1	20.142	2000.369	05/14/00	-0.2
-4.8	1.2	20.254	2000.481	06/24/00	-0.2
-1.4	1.4	20.522	2000.749	09/30/00	-0.1
-3.2	1.1	20.809	2001.036	01/13/01	-0.2
-10.8	3.5	21.039	2001.266	04/07/01	-0.5
-6.5	2.7	21.179	2001.406	05/28/01	-0.3
-5.6	2.3	21.384	2001.611	08/11/01	-0.3
-5.9	0.6	21.732	2001.959	12/16/01	-0.3
-7.3	1.8	21.940	2002.167	03/02/02	-0.3
-5.3	1.4	22.288	2002.515	07/07/02	-0.2
-5.2	1.3	22.573	2002.800	10/19/02	-0.2
-4.2	1.4	22.784	2003.011	01/04/03	-0.2
-2.9	1.2	23.055	2003.282	04/13/03	-0.1
-6.1	1.8	23.283	2003.510	07/05/03	-0.3
-6.7	0.5	23.513	2003.740	09/27/03	-0.3
-3.5	2.0	23.781	2004.008	01/03/04	-0.1
-3.6	1.6	24.030	2004.257	04/03/04	-0.1
-4.4	1.1	24.451	2004.678	09/04/04	-0.2
-2.6	0.8	24.699	2004.926	12/04/04	-0.1
-2.8	1.4	25.085	2005.312	04/24/05	-0.1
-1.1	1.4	25.354	2005.581	07/31/05	0.0
-3.7	0.4	25.696	2005.923	12/03/05	-0.1
-6.4	1.7	25.946	2006.173	03/04/06	-0.2
-4.3	0.6	26.274	2006.501	07/02/06	-0.2
-4.5	0.7	26.658	2006.885	11/19/06	-0.2
-5.5	0.6	26.866	2007.093	02/03/07	-0.2

SAMV

SAMV - Mission Vineyard near San Juan Bautista San Andreas fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.4	0.000	1990.553	07/21/90	
5.6	1.1	0.115	1990.668	09/01/90	
6.4	2.4	0.231	1990.784	10/13/90	
9.0	1.9	0.384	1990.937	12/08/90	
9.8	1.5	0.633	1991.186	03/09/91	
11.8	1.1	0.762	1991.315	04/25/91	
14.6	0.9	0.979	1991.532	07/13/91	14.9
27.3	1.4	1.228	1991.781	10/12/91	22.2
20.3	0.5	1.403	1991.956	12/15/91	14.5
22.2	0.6	1.668	1992.221	03/21/92	13.3
29.1	1.3	1.821	1992.374	05/16/92	16.0
35.3	1.3	1.996	1992.549	07/19/92	17.7
31.3	2.1	2.166	1992.719	09/19/92	14.5
31.8	2.7	2.376	1992.929	12/05/92	13.4
36.1	2.8	2.587	1993.140	02/20/93	14.0
44.0	3.2	2.779	1993.332	05/01/93	15.8
48.7	1.3	2.913	1993.466	06/19/93	16.7
50.2	1.1	3.124	1993.677	09/04/93	16.1
49.0	0.6	3.337	1993.890	11/21/93	14.7
51.8	2.7	3.603	1994.156	02/26/94	14.4
52.2	3.9	3.757	1994.310	04/23/94	13.9
60.9	1.9	3.987	1994.540	07/16/94	15.3
57.4	2.8	4.313	1994.866	11/12/94	13.3
58.3	0.5	4.562	1995.115	02/11/95	12.8
62.8	1.1	4.754	1995.307	04/22/95	13.2
64.8	0.8	4.776	1995.329	04/30/95	13.6
68.2	0.7	4.984	1995.537	07/15/95	13.7
73.7	1.4	5.157	1995.710	09/16/95	14.3
71.5	1.1	5.329	1995.882	11/18/95	13.4
71.5	1.9	5.444	1995.997	12/30/95	13.1
71.4	3.3	5.636	1996.189	03/09/96	12.7
71.6	4.0	5.772	1996.325	04/28/96	12.4
79.7	1.8	5.846	1996.399	05/25/96	13.6
78.5	0.9	6.018	1996.571	07/27/96	13.0
79.2	1.0	6.190	1996.743	09/28/96	12.8
77.8	1.9	6.324	1996.877	11/16/96	12.3
76.2	0.8	6.496	1997.049	01/18/97	11.7
80.2	1.9	6.669	1997.222	03/22/97	12.0
78.9	0.4	6.803	1997.356	05/10/97	11.6
81.8	0.9	6.976	1997.529	07/12/97	11.7
88.3	1.1	7.170	1997.723	09/21/97	12.3
84.5	2.6	7.321	1997.874	11/15/97	11.5
81.6	1.1	7.532	1998.085	01/31/98	10.8
83.9	0.6	7.688	1998.241	03/29/98	10.9
83.6	1.2	7.858	1998.411	05/30/98	10.6

SAMV

82.3	0.3	8.011	1998.564	07/25/98	10.3
87.2	0.7	8.069	1998.622	08/15/98	10.8
92.7	1.1	8.280	1998.833	10/31/98	11.2
96.0	0.6	8.472	1999.025	01/09/99	11.3
96.1	0.8	8.628	1999.181	03/07/99	11.1
98.3	1.1	8.798	1999.351	05/08/99	11.2
107.8	1.3	8.970	1999.523	07/10/99	12.0
106.2	2.4	9.181	1999.734	09/25/99	11.6
106.1	3.3	9.354	1999.907	11/27/99	11.3
109.4	1.4	9.545	2000.098	02/05/00	11.5
108.6	2.1	9.717	2000.270	04/08/00	11.2
111.4	3.5	9.890	2000.443	06/10/00	11.3
116.1	1.3	10.081	2000.634	08/19/00	11.5
118.9	2.6	10.234	2000.787	10/14/00	11.6
118.1	1.3	10.406	2000.959	12/16/00	11.3
118.3	1.6	10.600	2001.153	02/25/01	11.2
122.0	1.6	10.751	2001.3041	04/21/01	11.3
122.8	1.1	10.962	2001.5151	07/07/01	11.2
124.6	2.5	11.135	2001.6877	09/08/01	11.2
131.2	1.8	11.384	2001.9370	12/08/01	11.5
131.6	0.2	11.557	2002.1096	02/09/02	11.4
132.9	1.8	11.787	2002.3397	05/04/02	11.3
142.2	1.0	11.998	2002.5507	07/20/02	11.9
141.7	1.0	12.190	2002.7425	09/28/02	11.6
142.5	0.6	12.324	2002.8767	11/16/02	11.6
145.7	1.0	12.535	2003.0877	02/01/03	11.6
146.6	1.6	12.746	2003.2986	04/19/03	11.5
148.5	0.4	12.880	2003.4329	06/07/03	11.5
151.5	1.4	13.115	2003.6685	09/01/03	11.6
150.6	3.9	13.362	2003.9151	11/30/03	11.3
154.5	0.4	13.570	2004.1230	02/14/04	11.4
164.4	0.6	13.764	2004.3169	04/25/04	11.9
172.1	1.0	13.972	2004.5246	07/10/04	12.3
172.4	0.8	14.182	2004.7350	09/25/04	12.2
176.6	1.7	14.338	2004.8907	11/21/04	12.3
176.3	0.7	14.526	2005.0795	01/29/05	12.1
178.7	0.6	14.721	2005.2740	04/10/05	12.1
191.5	1.2	14.929	2005.4822	06/25/05	12.8
189.5	0.4	15.121	2005.6740	09/03/05	12.5
190.0	0.9	15.296	2005.8493	11/06/05	12.4
189.8	1.3	15.543	2006.0959	02/04/06	12.2
192.7	0.4	15.754	2006.3068	04/22/06	12.2
195.4	1.0	15.888	2006.4411	06/10/06	12.3
197.2	1.2	16.061	2006.6137	08/12/06	12.3
200.5	0.9	16.236	2006.7890	10/15/06	12.3
205.1	0.4	16.502	2007.0548	01/20/07	12.4

SAPR

SAPR - Point Reyes National Seashore Headquarters San Andreas fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.1	0.000	1985.096	02/04/85	
0.1	0.8	0.211	1985.307	04/22/85	
0.3	0.5	0.364	1985.460	06/17/85	
0.6	0.1	0.479	1985.575	07/29/85	
0.3	0.0	0.731	1985.827	10/29/85	
1.3	0.3	1.005	1986.101	02/06/86	1.3
-0.1	0.5	1.255	1986.351	05/08/86	-0.1
1.2	0.4	1.353	1986.449	06/13/86	0.9
1.1	0.6	1.474	1986.570	07/27/86	0.7
-0.4	0.3	1.701	1986.797	10/18/86	-0.2
0.6	0.6	2.085	1987.181	03/07/87	0.3
0.9	0.6	2.372	1987.468	06/20/87	0.4
1.3	0.8	2.507	1987.603	08/08/87	0.5
0.5	1.5	2.699	1987.795	10/17/87	0.2
1.5	0.8	2.989	1988.085	01/31/88	0.5
1.0	0.9	3.215	1988.311	04/23/88	0.3
1.1	0.4	3.464	1988.560	07/23/88	0.3
1.3	1.1	3.598	1988.694	09/10/88	0.4
1.3	0.7	3.770	1988.866	11/12/88	0.3
1.4	0.5	4.000	1989.096	02/04/89	0.3
1.9	1.4	4.057	1989.153	02/25/89	0.5
2.5	0.8	4.249	1989.345	05/06/89	0.6
1.3	0.7	4.444	1989.540	07/16/89	0.3
3.2	0.6	4.518	1989.614	08/12/89	0.7
2.0	0.8	4.655	1989.751	10/01/89	0.4
2.6	0.7	4.726	1989.822	10/27/89	0.5
2.7	0.8	4.931	1990.027	01/10/90	0.5
2.7	0.7	5.115	1990.211	03/18/90	0.5
4.3	0.8	5.225	1990.321	04/27/90	0.8
3.5	0.7	5.405	1990.501	07/02/90	0.6
2.5	1.6	5.534	1990.630	08/18/90	0.5
3.5	1.0	5.649	1990.745	09/29/90	0.6
3.7	1.0	5.786	1990.882	11/18/90	0.6
3.5	1.0	6.014	1991.110	02/09/91	0.6
3.6	0.8	6.205	1991.301	04/20/91	0.6
3.1	0.2	6.378	1991.474	06/22/91	0.5
3.7	0.7	6.531	1991.627	08/17/91	0.6
5.4	1.5	6.723	1991.819	10/26/91	0.8
5.2	0.5	6.953	1992.049	01/18/92	0.7
5.6	0.6	7.221	1992.317	04/25/92	0.8
5.6	1.2	7.412	1992.508	07/04/92	0.8
3.6	0.2	7.661	1992.757	10/03/92	0.5
2.6	0.3	7.967	1993.063	01/23/93	0.3
4.5	0.7	8.389	1993.485	06/26/93	0.5
4.5	0.3	8.600	1993.696	09/11/93	0.5
3.3	0.9	8.986	1994.082	01/30/94	0.4
5.7	0.4	9.194	1994.290	04/16/94	0.6
6.3	0.5	9.427	1994.523	07/10/94	0.7

SARD

SARD - Roberta Drive, Woodside San Andreas fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	1.1	0.000	1989.844	11/04/89	
1.3	1.8	0.035	1989.879	11/17/89	
1.2	0.8	0.115	1989.959	12/16/89	
2.1	0.9	0.211	1990.055	01/20/90	
0.9	1.8	0.249	1990.093	02/03/90	
3.2	0.3	0.326	1990.170	03/03/90	
4.0	0.6	0.444	1990.288	04/15/90	
4.0	0.5	0.457	1990.301	04/20/90	
2.3	2.5	0.561	1990.405	05/28/90	
3.7	0.8	0.638	1990.482	06/25/90	
1.4	0.5	0.729	1990.573	07/28/90	
1.5	1.4	0.838	1990.682	09/06/90	
0.0	1.8	0.953	1990.797	10/18/90	0.0
-1.3	1.4	1.208	1991.052	01/19/91	-1.1
0.3	1.7	1.400	1991.244	03/30/91	0.2
3.5	2.2	1.553	1991.397	05/25/91	2.3
4.6	1.6	1.649	1991.493	06/29/91	2.8
4.2	0.9	1.822	1991.666	08/31/91	2.3
3.1	2.4	1.956	1991.800	10/19/91	1.6
3.3	1.0	2.129	1991.973	12/21/91	1.6
3.0	2.1	2.339	1992.183	03/07/92	1.3
5.3	1.6	2.533	1992.377	05/17/92	2.1
6.5	1.6	2.722	1992.566	07/25/92	2.4
4.0	0.9	2.894	1992.738	09/26/92	1.4
3.3	1.4	3.066	1992.910	11/28/92	1.1
2.8	1.0	3.277	1993.121	02/13/93	0.9
2.4	0.5	3.583	1993.427	06/05/93	0.7
1.4	0.8	3.871	1993.715	09/18/93	0.4
2.7	0.4	4.219	1994.063	01/23/94	0.6
3.5	1.1	4.351	1994.195	03/12/94	0.8
5.3	0.6	4.564	1994.408	05/29/94	1.2
7.1	0.8	4.753	1994.597	08/06/94	1.5
3.7	0.4	4.983	1994.827	10/29/94	0.7
3.9	0.7	5.194	1995.038	01/14/95	0.8
2.6	0.9	5.348	1995.192	03/11/95	0.5
3.1	1.0	5.578	1995.422	06/03/95	0.6
6.9	1.6	5.926	1995.770	10/08/95	1.2
6.9	1.1	5.942	1995.786	10/14/95	1.2
4.6	1.6	6.175	1996.019	01/07/96	0.7
3.3	2.7	6.440	1996.284	04/13/96	0.5
5.3	1.3	6.708	1996.552	07/20/96	0.8
3.4	0.3	6.995	1996.839	11/02/96	0.5
2.2	0.3	7.282	1997.126	02/15/97	0.3
5.2	0.2	7.496	1997.340	05/04/97	0.7
4.4	0.5	7.764	1997.608	08/10/97	0.6

SAPR

5.9	0.3	9.805	1994.901	11/25/94	0.6
4.7	0.3	10.022	1995.118	02/12/95	0.5
4.3	1.0	10.304	1995.400	05/26/95	0.4
4.0	0.7	10.594	1995.690	09/09/95	0.4
3.8	0.4	10.805	1995.901	11/25/95	0.4
3.9	1.1	10.997	1996.093	02/03/96	0.4
4.0	1.0	11.284	1996.380	05/18/96	0.4
3.0	3.0	11.418	1996.514	07/06/96	0.3
3.0	1.0	11.628	1996.724	09/21/96	0.3
4.7	0.8	11.838	1996.934	12/07/96	0.4
6.5	0.8	12.068	1997.164	03/01/97	0.5
3.9	0.4	12.320	1997.416	06/01/97	0.3
3.3	1.0	12.625	1997.721	09/20/97	0.3
3.6	0.3	12.896	1997.992	12/28/97	0.3
3.2	1.5	13.296	1998.392	05/23/98	0.2
2.3	1.3	13.545	1998.641	08/22/98	0.2
3.4	0.9	13.833	1998.929	12/05/98	0.2
3.0	0.8	14.066	1999.162	02/28/99	0.2
1.6	0.5	14.236	1999.332	05/01/99	0.1
2.6	0.4	14.542	1999.638	08/21/99	0.2
3.3	0.4	14.852	1999.948	12/12/99	0.2
3.3	1.2	15.155	2000.251	04/01/00	0.2
2.4	1.2	15.385	2000.481	06/24/00	0.2
1.9	1.8	15.653	2000.749	09/30/00	0.1
0.9	2.0	15.940	2001.036	01/13/01	0.1
1.1	0.8	16.170	2001.2658	04/07/01	0.1
0.0	0.8	16.342	2001.4384	06/09/01	0.0
-0.2	0.3	16.611	2001.7069	09/15/01	0.0
0.0	0.9	16.899	2001.9945	12/29/01	0.0
-1.2	0.5	17.093	2002.1890	03/10/02	-0.1
1.5	1.1	17.496	2002.5918	08/04/02	0.1
-0.7	1.2	17.726	2002.8219	10/27/02	0.0
0.1	1.0	17.877	2002.9726	12/21/02	0.0
0.1	1.0	18.164	2003.2603	04/05/03	0.0
-2.3	1.4	18.512	2003.6082	08/10/03	-0.1
-2.5	1.8	18.797	2003.8931	11/22/03	-0.1
-2.0	1.2	18.989	2004.0847	01/31/04	-0.1
-1.6	1.6	19.181	2004.2767	04/11/04	-0.1
-2.6	0.5	19.489	2004.5847	08/01/04	-0.1
-0.3	1.1	19.849	2004.9454	12/11/04	0.0
-0.7	1.6	20.101	2005.1973	03/13/05	0.0
-1.8	1.9	20.485	2005.5808	07/31/05	-0.1
-3.4	1.1	20.827	2005.9233	12/03/05	-0.2
-1.0	2.0	21.077	2006.1726	03/04/06	0.0
-0.2	0.5	21.460	2006.5562	07/22/06	0.0
0.3	0.4	21.789	2006.8849	11/19/06	0.0
0.9	0.4	22.016	2007.1123	02/10/07	0.0

SARD

3.1	0.5	8.011	1997.855	11/08/97	0.4
2.0	0.4	8.318	1998.162	02/28/98	0.2
4.1	1.1	8.548	1998.392	05/23/98	0.5
4.3	0.5	8.797	1998.641	08/22/98	0.5
5.6	0.8	9.123	1998.967	12/19/98	0.6
4.5	1.3	9.353	1999.197	03/13/99	0.5
5.3	0.6	9.605	1999.449	06/13/99	0.6
4.9	0.3	9.951	1999.795	10/17/99	0.5
6.0	0.6	10.216	2000.060	01/22/00	0.6
6.0	0.4	10.525	2000.369	05/14/00	0.6
6.2	1.1	10.771	2000.615	08/12/00	0.6
7.2	0.9	11.060	2000.904	11/26/00	0.7
7.2	1.6	11.403	2001.247	03/31/01	0.6
7.7	1.0	11.562	2001.406	05/28/01	0.7
7.1	0.4	11.767	2001.611	08/11/01	0.6
7.2	0.6	12.115	2001.959	12/16/01	0.6
7.4	1.7	12.323	2002.167	03/02/02	0.6
8.5	0.9	12.671	2002.515	07/07/02	0.7
8.4	1.1	12.956	2002.800	10/19/02	0.6
6.3	1.0	13.205	2003.049	01/18/03	0.5
9.4	1.0	13.474	2003.318	04/26/03	0.7
10.4	0.6	13.666	2003.510	07/05/03	0.8
12.0	1.0	13.896	2003.740	09/27/03	0.9
12.7	0.7	14.164	2004.008	01/03/04	0.9
10.5	0.5	14.413	2004.257	04/03/04	0.7
14.0	0.3	14.702	2004.546	07/18/04	0.9
14.9	1.0	15.082	2004.926	12/04/04	1.0
8.2	1.1	15.468	2005.312	04/24/05	0.5
8.8	1.4	15.734	2005.578	07/30/05	0.6
13.7	0.9	16.041	2005.885	11/19/05	0.9
8.1	0.5	16.293	2006.137	02/19/06	0.5
9.1	0.3	16.657	2006.501	07/02/06	0.5
14.0	0.9	17.200	2007.044	01/16/07	0.8

SASR

SASR - Searle Road San Andreas fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.3	0.000	2002.781	10/12/02	
-2.3	0.5	0.326	2003.107	02/08/03	
0.7	0.6	0.863	2003.644	08/23/03	0.8
-0.8	0.6	1.107	2003.888	11/20/03	-0.7
-2.1	1.1	1.287	2004.068	01/25/04	-1.7
0.3	0.6	1.438	2004.219	03/20/04	0.2
-5.5	1.4	1.765	2004.546	07/18/04	-3.1
-1.4	1.0	1.973	2004.754	10/02/04	-0.7
-2.0	0.4	2.318	2005.099	02/05/05	-0.9
4.3	0.7	2.493	2005.274	04/10/05	1.7
-0.8	0.4	2.797	2005.578	07/30/05	-0.3
6.0	0.6	3.104	2005.885	11/19/05	1.9
3.5	0.9	3.356	2006.137	02/19/06	1.0
2.7	0.6	3.679	2006.460	06/17/06	0.7
7.8	0.3	4.255	2007.036	01/13/07	1.8

SGPR

SGPR - Pescadero Rd San Gregorio fault

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	0.7	0.000	1982.384	05/20/82	
-4.3	1.0	0.186	1982.570	07/27/82	
5.0	1.0	0.561	1982.945	12/11/82	
4.4	4.2	1.684	1984.068	01/25/84	2.6
4.4	2.9	2.012	1984.396	05/24/84	2.2
0.0	2.2	2.113	1984.497	06/30/84	0.0
14.6	2.2	2.668	1985.052	01/19/85	5.5
-8.4	1.5	2.901	1985.285	04/14/85	-2.9
2.4	0.8	3.052	1985.436	06/08/85	0.8
7.6	4.0	3.205	1985.589	08/03/85	2.4
0.9	2.2	3.572	1985.956	12/15/85	0.3
7.6	2.0	3.723	1986.107	02/08/86	2.0
4.8	2.5	4.063	1986.447	06/12/86	1.2
4.8	1.0	4.701	1987.085	01/31/87	1.0
9.4	1.2	4.893	1987.277	04/11/87	1.9
-5.5	4.2	5.257	1987.641	08/22/87	-1.0
-3.5	2.6	5.487	1987.871	11/14/87	-0.6
0.6	1.9	5.736	1988.120	02/13/88	0.1
-1.6	2.3	6.007	1988.391	05/22/88	-0.3
-3.6	2.0	6.367	1988.751	10/01/88	-0.6
-4.6	4.3	6.580	1988.964	12/18/88	-0.7
-6.5	3.8	7.153	1989.537	07/15/89	-0.9
-2.1	1.8	7.441	1989.825	10/28/89	-0.3
2.7	2.2	7.690	1990.074	01/27/90	0.4
-0.9	4.6	7.824	1990.208	03/17/90	-0.1
0.0	2.0	8.054	1990.438	06/09/90	0.0
-5.0	1.3	8.265	1990.649	08/25/90	-0.6
-0.2	1.2	8.476	1990.860	11/10/90	0.0
-4.2	2.7	8.767	1991.151	02/24/91	-0.5
-2.7	3.6	8.898	1991.282	04/13/91	-0.3
2.3	2.6	9.074	1991.458	06/16/91	0.3
4.6	3.1	9.265	1991.649	08/25/91	0.5
5.0	3.7	9.320	1991.704	09/14/91	0.5
6.9	3.4	9.550	1991.934	12/07/91	0.7
10.2	3.5	9.936	1992.320	04/26/92	1.0
10.9	5.4	10.127	1992.511	07/05/92	1.1
3.1	3.9	10.430	1992.814	10/24/92	0.3
6.4	1.5	10.717	1993.101	02/06/93	0.6
6.4	2.4	11.315	1993.699	09/12/93	0.6
3.1	1.2	11.715	1994.099	02/05/94	0.3
7.8	1.6	11.983	1994.367	05/14/94	0.7
9.9	1.5	12.224	1994.608	08/10/94	0.8
6.3	1.2	12.586	1994.970	12/20/94	0.5
14.2	1.3	12.849	1995.233	03/26/95	1.1
12.2	1.3	13.095	1995.479	06/24/95	0.9

SGPR

12.6	2.1	13.421	1995.805	10/21/95	0.9
11.0	1.8	13.673	1996.057	01/21/96	0.8
12.7	1.5	13.958	1996.342	05/04/96	0.9
15.4	1.6	14.209	1996.593	08/04/96	1.1
10.9	1.0	14.512	1996.896	11/23/96	0.7
10.0	1.2	14.761	1997.145	02/22/97	0.7
16.9	2.6	15.011	1997.395	05/24/97	1.1
14.0	3.4	15.298	1997.682	09/06/97	0.9
10.4	2.4	15.550	1997.934	12/07/97	0.7
12.5	0.6	15.835	1998.219	03/21/98	0.8
15.6	0.7	16.065	1998.449	06/13/98	1.0
20.8	2.3	16.317	1998.701	09/13/98	1.3
14.7	1.9	16.665	1999.049	01/18/99	0.9
17.5	1.5	16.890	1999.274	04/10/99	1.0
12.1	2.8	17.142	1999.526	07/11/99	0.7
14.2	1.6	17.389	1999.773	10/09/99	0.8
7.6	1.1	17.638	2000.022	01/08/00	0.4
8.3	2.4	17.889	2000.273	04/09/00	0.5
8.2	1.0	18.157	2000.541	07/16/00	0.5
7.7	0.9	18.499	2000.883	11/18/00	0.4
10.4	0.5	18.824	2001.208	03/17/01	0.6
16.2	1.0	18.978	2001.362	05/12/01	0.9
15.4	0.9	19.189	2001.573	07/28/01	0.8
14.5	0.4	19.361	2001.745	09/29/01	0.7
10.7	0.5	19.572	2001.956	12/15/01	0.5
12.5	1.4	19.764	2002.148	02/23/02	0.6
14.0	1.1	19.994	2002.378	05/18/02	0.7
14.0	1.0	20.304	2002.688	09/08/02	0.7
17.8	1.1	20.627	2003.011	01/04/03	0.9
16.8	0.6	20.975	2003.359	05/11/03	0.8
20.5	1.3	21.180	2003.564	07/25/03	1.0
21.0	0.9	21.452	2003.836	11/01/03	1.0
18.5	0.8	21.720	2004.104	02/07/04	0.9
28.0	4.7	22.026	2004.410	05/29/04	1.3
22.0	0.4	22.466	2004.850	11/06/04	1.0
17.4	0.9	22.734	2005.118	02/12/05	0.8
15.2	0.8	23.063	2005.447	06/12/05	0.7
20.1	1.1	23.331	2005.715	09/18/05	0.9
20.5	1.2	23.657	2006.041	01/15/06	0.9
24.1	1.0	23.884	2006.269	04/08/06	1.0
22.6	0.4	24.249	2006.633	08/19/06	0.9
17.3	8.1	24.630	2007.014	01/05/07	0.7

SGWP

SGWP - West Point Avenue, Princeton San Gregorio fault (Seal Cove fault)

movement (mm)	std. dev.	# of years	year	date	mm/yr-simple average
0.0	3.4	0.000	1979.858	11/09/79	
-3.9	1.8	0.290	1980.148	02/23/80	
-3.0	1.8	0.500	1980.358	05/10/80	
-0.3	1.5	0.729	1980.587	08/02/80	
1.6	1.1	0.869	1980.727	09/22/80	1.8
-0.3	2.8	1.038	1980.896	11/23/80	-0.3
2.1	1.2	1.200	1981.058	01/20/81	1.8
6.0	0.5	1.394	1981.252	04/02/81	4.3
6.0	1.7	1.660	1981.518	07/08/81	3.6
6.7	0.9	1.745	1981.603	08/08/81	3.8
4.8	1.4	1.975	1981.833	10/31/81	2.4
8.5	0.6	2.216	1982.074	01/27/82	3.8
7.9	0.8	2.526	1982.384	05/20/82	3.1
6.8	0.8	2.712	1982.570	07/27/82	2.5
5.1	1.2	3.087	1982.945	12/11/82	1.7
5.3	0.9	3.416	1983.274	04/10/83	1.6
3.8	1.6	3.597	1983.455	06/15/83	1.1
1.3	0.8	3.739	1983.597	08/06/83	0.3
4.6	1.1	3.912	1983.770	10/08/83	1.2
3.5	1.7	4.221	1984.079	01/29/84	0.8
4.4	1.1	4.538	1984.396	05/24/84	1.0
2.3	1.2	4.639	1984.497	06/30/84	0.5
2.9	1.1	4.964	1984.822	10/27/84	0.6
5.3	0.3	5.257	1985.115	02/11/85	1.0
2.7	0.2	5.487	1985.345	05/06/85	0.5
5.8	0.1	5.602	1985.460	06/17/85	1.0
6.8	0.9	5.731	1985.589	08/03/85	1.2
3.0	1.1	6.098	1985.956	12/15/85	0.5
3.2	0.7	6.249	1986.107	02/08/86	0.5
1.5	0.4	6.421	1986.279	04/12/86	0.2
4.1	1.3	6.589	1986.447	06/12/86	0.6
4.4	0.8	6.901	1986.759	10/04/86	0.6
3.9	1.1	7.227	1987.085	01/31/87	0.5
6.3	1.2	7.419	1987.277	04/11/87	0.8
3.0	1.3	7.783	1987.641	08/22/87	0.4
3.0	2.0	8.013	1987.871	11/14/87	0.4
4.9	1.1	8.262	1988.120	02/13/88	0.6
3.7	1.0	8.533	1988.391	05/22/88	0.4
2.3	1.4	8.893	1988.751	10/01/88	0.3
4.3	1.0	9.106	1988.964	12/18/88	0.5
4.2	1.7	9.679	1989.537	07/15/89	0.4
2.2	1.3	9.967	1989.825	10/28/89	0.2
5.9	1.1	10.216	1990.074	01/27/90	0.6
5.9	2.1	10.372	1990.230	03/25/90	0.6
0.3	0.8	10.580	1990.438	06/09/90	0.0

SGWP

1.2	1.7	10.791	1990.649	08/25/90	0.1
-5.7	3.6	11.002	1990.860	11/10/90	-0.5
4.2	2.1	11.293	1991.151	02/24/91	0.4
9.4	3.5	11.424	1991.282	04/13/91	0.8
5.1	2.1	11.600	1991.458	06/16/91	0.4
1.2	1.6	11.791	1991.649	08/25/91	0.1
0.0	1.9	11.846	1991.704	09/14/91	0.0
-0.3	1.9	12.076	1991.934	12/07/91	0.0
7.5	0.9	12.347	1992.205	03/15/92	0.6
2.7	2.3	12.653	1992.511	07/05/92	0.2
-9.3	1.7	12.956	1992.814	10/24/92	-0.7
3.9	1.3	13.243	1993.101	02/06/93	0.3
2.2	1.8	13.610	1993.468	06/20/93	0.2
-5.2	1.7	13.841	1993.699	09/12/93	-0.4
4.3	1.3	14.241	1994.099	02/05/94	0.3
3.8	2.1	14.509	1994.367	05/14/94	0.3
-1.0	1.0	14.750	1994.608	08/10/94	-0.1
1.7	1.4	15.112	1994.970	12/20/94	0.1
3.3	1.2	15.375	1995.233	03/26/95	0.2
-2.8	3.2	15.621	1995.479	06/24/95	-0.2
-2.8	2.1	15.947	1995.805	10/21/95	-0.2
6.2	1.3	16.199	1996.057	01/21/96	0.4
4.1	1.5	16.484	1996.342	05/04/96	0.2
2.5	3.1	16.735	1996.593	08/04/96	0.1
3.1	0.5	17.038	1996.896	11/23/96	0.2
5.0	0.4	17.287	1997.145	02/22/97	0.3
1.0	1.5	17.537	1997.395	05/24/97	0.1
-0.7	0.8	17.824	1997.682	09/06/97	0.0
3.9	1.8	18.076	1997.934	12/07/97	0.2
3.7	2.8	18.361	1998.219	03/21/98	0.2
3.9	2.7	18.591	1998.449	06/13/98	0.2
6.6	2.8	18.843	1998.701	09/13/98	0.4
6.4	3.3	19.191	1999.049	01/18/99	0.3
5.4	0.6	19.416	1999.274	04/10/99	0.3
0.8	2.2	19.668	1999.526	07/11/99	0.0
-4.0	3.6	19.915	1999.773	10/09/99	-0.2
5.3	1.5	20.164	2000.022	01/08/00	0.3
0.7	0.9	20.415	2000.273	04/09/00	0.0
2.3	1.1	20.683	2000.541	07/16/00	0.1
-1.1	1.2	21.025	2000.883	11/18/00	-0.1
-1.1	0.2	21.350	2001.2082	03/17/01	-0.1
5.7	1.1	21.504	2001.3616	05/12/01	0.3
2.4	0.8	21.715	2001.5726	07/28/01	0.1
-2.1	0.4	21.890	2001.7479	09/30/01	-0.1
5.2	0.7	22.098	2001.9562	12/15/01	0.2
7.7	2.0	22.290	2002.1479	02/23/02	0.3
4.5	0.8	22.520	2002.3781	05/18/02	0.2
1.3	0.4	22.830	2002.6877	09/08/02	0.1
7.0	0.6	23.191	2003.0493	01/18/03	0.3

SGWP

11.8	0.7	23.501	2003.3589	05/11/03	0.5
5.1	0.6	23.709	2003.5671	07/26/03	0.2
-4.0	0.5	23.978	2003.8356	11/01/03	-0.2
-4.0	0.7	24.156	2004.0138	02/07/04	-0.2
-7.1	1.2	24.552	2004.4098	05/29/04	-0.3
0.5	0.2	24.880	2004.7377	09/26/04	0.0
-3.2	1.5	24.992	2004.8497	11/06/04	-0.1
-5.2	0.9	25.260	2005.1178	02/12/05	-0.2
-4.9	0.7	25.589	2005.4466	06/12/05	-0.2
1.6	1.0	25.857	2005.7151	09/18/05	0.1
-8.9	1.1	26.183	2006.0411	01/15/06	-0.3
-8.9	0.8	26.411	2006.2685	04/08/06	-0.3
-1.1	0.5	26.775	2006.6329	08/19/06	0.0
-8.2	0.5	27.156	2007.0137	01/05/07	-0.3

**Hayward Fault USGS-SFSU Afterslip Site
08.37 km-Olive Ave.**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0	0.0	0.000	1989.748	30-Sep-89		
14.3	0.8	2.867	1992.615	12-Aug-92	5.0	
26.9	0.9	4.830	1994.578	30-Jul-94	5.6	
31.1	1.5	5.885	1995.633	19-Aug-95	5.3	
34.1	0.6	6.880	1996.628	17-Aug-96	5.0	
40.7	0.8	7.877	1997.625	16-Aug-97	5.2	
42.6	1.2	8.912	1998.660	29-Aug-98	4.8	
50.3	0.6	9.929	1999.677	4-Sep-99	5.1	
57.4	1.0	11.118	2000.866	12-Nov-00	5.2	
62.1	0.6	12.055	2001.803	20-Oct-01	5.2	
67.0	0.6	13.089	2002.837	2-Nov-02	5.1	
69.8	1.4	14.064	2003.812	24-Oct-03	5.0	
74.7	0.5	15.046	2004.794	17-Oct-04	5.0	
84.0	0.5	16.040	2005.788	15-Oct-05	5.2	
91.6	0.6	17.059	2006.807	22-Oct-06	5.4	5.16 ± 0.10

**Hayward Fault USGS-SFSU Afterslip Site
14.05 - Florida Ave.**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0	0.3	0.000	1997.624	16-Aug-97		
2.3	0.4	1.035	1998.659	29-Aug-98	2.2	
4.9	0.4	2.051	1999.675	4-Sep-99	2.4	
9.0	1.1	3.242	2000.866	12-Nov-00	2.8	
10.7	0.7	4.178	2001.802	20-Oct-01	2.6	
15.3	0.6	5.213	2002.837	2-Nov-02	2.9	
17.4	1.2	6.171	2003.795	18-Oct-03	2.8	
21.2	0.5	7.168	2004.792	16-Oct-04	3.0	2.98 ± 0.10
				8-Oct-05		

New ES

**Hayward Fault USGS-SFSU Afterslip Site
17.82 km-Cal Stadium**

movement (mm)	std. dev.*	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0	--	0.000	1966.912	29-Nov-66		
101.5	--	21.503	1988.415	31-May-88	4.7	
120.4	1.9	25.755	1992.667	31-Aug-92	4.7	
124.0	1.4	26.576	1993.488	27-Jun-93	4.7	
141.1	0.6	30.521	1997.433	7-Jun-97	4.6	
148.4	1.0	31.748	1998.660	29-Aug-98	4.7	
153.8	0.4	32.746	1999.658	28-Aug-99	4.7	
158.9	1.1	33.916	2000.828	29-Oct-00	4.7	
162.7	1.6	34.891	2001.803	20-Oct-01	4.7	
168.5	0.8	35.925	2002.837	2-Nov-02	4.7	
175.8	0.8	36.883	2003.795	18-Oct-03	4.8	
175.9	0.6	37.902	2004.814	24-Oct-04	4.6	
182.0	0.4	38.879	2005.791	16-Oct-05	4.7	
188.0	0.5	39.895	2006.807	22-Oct-06	4.7	4.69 ± 0.03

**Hayward Fault USGS-SFSU Afterslip Site
km 18.43 - Dwight Way**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0	0.7	0	1997.624	16-Aug-97	--	
-0.2	0.3	1.035	1998.659	29-Aug-98	-0.2	
7.6	0.3	2.032	1999.656	28-Aug-99	3.8	
16.3	0.8	3.203	2000.827	29-Oct-00	5.1	
14.7	0.6	4.178	2001.802	20-Oct-01	3.5	
24.2	1.2	5.213	2002.837	02-Nov-02	4.6	
31.1	0.6	6.171	2003.795	18-Oct-03	5.0	
30.0	0.6	7.170	2004.794	17-Oct-04	4.2	
33.9	0.4	8.145	2005.769	08-Oct-05	4.2	
34.0	0.3	9.183	2006.807	22-Oct-06	3.7	4.23 ± 0.36

**Hayward Fault USGS-SFSU Afterslip Site
20.84 km-Temescal**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0		0.000	1974.258	4-Apr-74		
74.8	1.2	19.860	1994.118	12-Feb-94	3.8	
74.9	0.3	20.326	1994.584	1-Aug-94	3.7	
80.3	0.4	21.383	1995.641	22-Aug-95	3.8	
92.1	1.1	24.482	1998.740	27-Sep-98	3.8	
97.5	1.4	25.438	1999.696	11-Sep-99	3.8	
102.8	0.8	26.608	2000.866	12-Nov-00	3.9	
108.2	0.6	28.579	2002.837	2-Nov-02	3.8	
114.4	0.8	29.537	2003.795	18-Oct-03	3.9	
118.7	0.3	30.553	2004.811	23-Oct-04	3.9	
119.2	0.4	31.514	2005.772	9-Oct-05	3.8	
126.9	0.7	32.565	2006.823	28-Oct-06	3.9	3.88 ± 0.06

**Hayward Fault USGS-SFSU Afterslip Site
25.98 km-Lincoln Ave.**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)		
					simple average	linear regression	simple average, after 1988.35 8
0.0		0.000	1970.290	16-Apr-70			
72.0		18.068	1988.358	10-May-88	4.0		
82.9		22.330	1992.620	14-Aug-92	3.7		2.6
90.7	1.9	24.294	1994.584	1-Aug-94	3.7		3.0
93.6	2.5	25.351	1995.641	22-Aug-95	3.7		3.0
98.5	1.4	26.347	1996.637	20-Aug-96	3.7		3.2
101.2	0.5	27.340	1997.630	18-Aug-97	3.7		3.1
103.5	3.1	28.395	1998.685	7-Sep-98	3.6		3.1
107.1	0.7	29.406	1999.696	11-Sep-99	3.6		3.1
110.5	0.7	30.576	2000.866	12-Nov-00	3.6		3.1
112.1	0.4	31.515	2001.805	21-Oct-01	3.6		3.2
115.2	0.6	32.558	2002.848	6-Nov-02	3.5		3.2
118.3	0.4	33.522	2003.812	24-Oct-03	3.5		3.2
119.8	0.3	34.502	2004.792	16-Oct-04	3.5		3.0
123.6	0.6	35.485	2005.775	10-Oct-05	3.5		3.1
127.0	0.4	36.533	2006.823	28-Oct-06	3.5	3.4 ± 0.08	3.1

**Hayward Fault USGS-SFSU Afterslip Site
27.81 km-39th Ave.**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0			1974.274	10-Apr-74		
52.0	0.3	14.084	1988.358	10-May-88	3.7	
58.6	0.9	18.343	1992.617	13-Aug-92	3.2	
75.2	0.9	19.701	1993.975	22-Dec-93	3.8	
68.1	1.2	20.310	1994.584	1-Aug-94	3.4	
78.0	0.6	21.362	1995.636	20-Aug-95	3.7	
80.0	0.7	22.357	1996.631	18-Aug-96	3.6	
84.6	1.1	23.353	1997.627	17-Aug-97	3.6	
89.9	0.4	24.389	1998.663	30-Aug-98	3.7	
93.4	0.3	25.386	1999.660	29-Aug-99	3.7	
98.4	0.8	26.589	2000.863	11-Nov-00	3.7	
102.0	0.6	27.544	2001.818	26-Oct-01	3.7	
105.1	0.9	28.560	2002.834	1-Nov-02	3.7	
108.5	0.7	29.521	2003.795	18-Oct-03	3.7	
114.0	0.9	30.518	2004.792	16-Oct-04	3.7	
118.4	0.9	31.495	2005.769	8-Oct-05	3.8	
126.3	0.6	32.533	2006.807	22-Oct-06	3.9	3.84 ± 0.11

**Hayward Fault USGS-SFSU Afterslip Site
30.68 km-73rd Ave.**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0	0.3	0.000	1993.389	22-May-93		
4.1	0.3	1.195	1994.584	1-Aug-94	3.4	
5.5	0.6	2.247	1995.636	20-Aug-95	2.4	
7.6	1.2	3.242	1996.631	18-Aug-96	2.3	
11.8	0.7	4.238	1997.627	17-Aug-97	2.8	
12.2	0.2	5.310	1998.699	12-Sep-98	2.3	
17.5	1.0	6.271	1999.660	29-Aug-99	2.8	
21.3	0.3	7.436	2000.825	28-Oct-00	2.9	
23.2	0.2	8.413	2001.802	20-Oct-01	2.8	
26.2	0.4	9.448	2002.837	2-Nov-02	2.8	
31.0	0.2	10.420	2003.809	23-Oct-03	3.0	
34.4	0.2	11.403	2004.792	16-Oct-04	3.0	
36.0	0.2	12.380	2005.769	8-Oct-05	2.9	
39.1	0.7	13.434	2006.823	28-Oct-06	2.9	2.98 ± 0.07

**Hayward Fault USGS-SFSU Afterslip Site
36.55 km-Chabot Park**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0	0.9	0.000	1993.389	22-May-93		
5.2	0.4	1.197	1994.586	02-Aug-94	4.3	
12.7	1.0	2.255	1995.644	23-Aug-95	5.6	
18.3	0.3	3.245	1996.634	19-Aug-96	5.6	
23.0	0.7	4.244	1997.633	19-Aug-97	5.4	
28.7	0.5	5.290	1998.679	05-Sep-98	5.4	
37.9	0.4	6.290	1999.679	05-Sep-99	6.0	
37.3	0.5	7.436	2000.825	28-Oct-00	5.0	
36.6	0.6	8.413	2001.802	20-Oct-01	4.4	
37.0	0.4	9.445	2002.834	1-Nov-02	3.9	
43.7	0.6	10.423	2003.812	24-Oct-03	4.2	
48.0	0.3	11.403	2004.792	16-Oct-04	4.2	
52.6	0.5	12.386	2005.775	10-Oct-05	4.2	
59.1	0.9	13.434	2006.823	28-Oct-06	4.4	4.03 ± 0.24

**Hayward Fault USGS-SFSU Afterslip Site
38.28 km-Fairmont Dr.**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0	0.4	0.000	1997.627	17-Aug-97		
2.0	0.3	1.036	1998.663	30-Aug-98	1.9	
7.6	0.7	2.033	1999.660	29-Aug-99	3.7	
12.7	0.7	3.198	2000.825	28-Oct-00	4.0	
14.3	0.6	4.191	2001.818	26-Oct-01	3.4	
17.6	0.4	5.221	2002.848	6-Nov-02	3.4	
20.5	0.7	6.182	2003.809	23-Oct-03	3.3	
22.9	0.7	7.165	2004.792	16-Oct-04	3.2	
27.1	1.3	8.142	2005.769	8-Oct-05	3.3	
27.5	0.5	9.196	2006.823	28-Oct-06	3.0	3.13 ± 0.14

**Hayward Fault USGS-SFSU Afterslip Site
41.11 km-167th Ave.**

move- ment (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)		
					simple aver- age	linear regression	
0.0	0.5	0.000	1992.620	14-Aug-92			
18.2	0.6	1.966	1994.586	2-Aug-94	9.3		
22.9	0.2	3.016	1995.636	20-Aug-95	7.6		
26.3	0.3	4.011	1996.631	18-Aug-96	6.6		
30.5	0.2	5.007	1997.627	17-Aug-97	6.1		
36.1	0.2	6.043	1998.663	30-Aug-98	6.0		
40.6	0.3	7.040	1999.660	29-Aug-99	5.8		
44.9	0.4	8.205	2000.825	28-Oct-00	5.5		
48.9	1.0	9.198	2001.818	26-Oct-01	5.3		
54.2	0.3	10.214	2002.834	1-Nov-02	5.3		
59.3	--	11.178	2003.798	19-Oct-03	5.3		New IS, project longterm rate
62.6	0.2	12.174	2004.794	17-Oct-04	5.1		
67.3	0.4	13.149	2005.769	8-Oct-05	5.1		
71.5	0.3	14.203	2006.823	28-Oct-06	5.0	4.67 ± 0.14	

**Hayward Fault USGS-SFSU Afterslip Site
45.64 km-Palisade Dr.**

move- ment (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple aver- age	linear regres sion
0.0		0.000	1977.074	27-Jan-77		
73.1	0.3	15.735	1992.809	22-Oct-92	4.6	
78.5	0.9	20.556	1997.630	18-Aug-97	3.8	
86.2	1.1	21.589	1998.663	30-Aug-98	4.0	
92.3	0.8	22.603	1999.677	4-Sep-99	4.1	
100.0	0.8	23.732	2000.806	21-Oct-00	4.2	
110.1	0.8	24.731	2001.805	21-Oct-01	4.5	
114.7	0.6	25.766	2002.840	3-Nov-02	4.5	New IS, assume long-term rate since last survey
122.7	0.7	26.724	2003.798	19-Oct-03	4.6	
127.4	0.2	27.737	2004.811	23-Oct-04	4.6	
131.9	0.5	28.701	2005.775	10-Oct-05	4.6	
136.1	0.2	29.766	2006.840	3-Nov-06	4.6	4.58 ± 0.24

**Hayward Fault USGS-SFSU Afterslip Site
47.72 km-Holy Sepulchre Cemetery**

move- ment (mm)	std. dev.	# of years	year	date	<u>creep rate (mm/yr)</u>	
					simple aver- age	linear regression
0.0	0.4	0.000	1994.589	3-Aug-94		
9.2	0.5	1.052	1995.641	22-Aug-95	8.7	
15.7	1.2	2.045	1996.634	19-Aug-96	7.7	
22.5	0.4	3.041	1997.630	18-Aug-97	7.4	
28.3	0.2	4.090	1998.679	5-Sep-98	6.9	
34.8	0.4	5.088	1999.677	4-Sep-99	6.8	
41.5	0.4	6.217	2000.806	21-Oct-00	6.7	
44.5	0.5	7.216	2001.805	21-Oct-01	6.2	
50.6	0.3	8.251	2002.840	3-Nov-02	6.1	
55.8	0.6	9.209	2003.798	19-Oct-03	6.1	
61.9	0.5	10.222	2004.811	23-Oct-04	6.1	New IS, assume long-term rate
63.3	0.3	11.186	2005.775	10-Oct-05	5.7	
71.2	0.8	12.237	2006.826	29-Oct-06	5.8	5.58 ± 0.15

**Hayward Fault USGS-SFSU Afterslip Site
50.15 km-Woodland Ave.**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0		0.000	1970.074	27-Jan-70		
104.6	2.6	22.792	1992.866	12-Nov-92	4.6	
119.0	0.8	27.562	1997.636	20-Aug-97	4.3	
125.0	1.0	28.605	1998.679	5-Sep-98	4.4	
129.2	0.4	29.603	1999.677	4-Sep-99	4.4	
141.1	2.7	30.732	2000.806	21-Oct-00	4.6	
141.2	0.4	31.744	2001.818	26-Oct-01	4.4	
140.3	0.4	32.766	2002.840	3-Nov-02	4.3	
142.2	0.3	33.735	2003.809	23-Oct-03	4.2	
153.3	0.3	34.737	2004.811	23-Oct-04	4.4	
156.7	0.2	35.698	2005.772	9-Oct-05	4.4	
159.0	0.6	36.752	2006.826	29-Oct-06	4.3	4.33 ± 0.10

Hayward Fault USGS-SFSU Afterslip Site

52.60 km-Chapel of the Chimes Cemetery

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0	0.5	0.000	1994.592	4-Aug-94		
5.9	0.8	1.052	1995.644	23-Aug-95	5.6	
7.2	0.4	2.042	1996.634	19-Aug-96	3.5	
14.6	0.3	3.041	1997.633	19-Aug-97	4.8	
20.8	0.3	4.104	1998.696	11-Sep-98	5.1	
26.1	0.3	5.104	1999.696	11-Sep-99	5.1	
34.5	0.5	6.271	2000.863	11-Nov-00	5.5	
39.9	0.5	7.226	2001.818	26-Oct-01	5.5	
45.3	0.4	8.256	2002.848	6-Nov-02	5.5	
49.8	0.4	9.217	2003.809	23-Oct-03	5.4	
56.1	1.0	10.219	2004.811	23-Oct-04	5.5	
61.5	0.5	11.180	2005.772	9-Oct-05	5.5	
76.0	1.0	12.234	2006.826	29-Oct-06	6.2	5.91 ± 0.19

Hayward Fault USGS-SFSU Afterslip Site

59.09 km-Gilbert Ave.

creep rate (mm/yr)

move- ment (mm)	std. dev.	# of years	year	date	simple average	linear regression	Notes:
0.0	0.2	0.000	1983.759	4-Oct-83			angle 1
0.3	0.1	0.063	1983.820	27-Oct-83	5.2		angle 1
1.0	0.1	0.468	1984.225	23-Mar-84	2.0		angle 1
1.4	0.1	0.476	1984.233	26-Mar-84	3.0		angle 1
0.3	0.2	0.487	1984.244	30-Mar-84	0.7		angle 1
0.0	0.2	0.862	1984.619	14-Aug-84	0.0		angle 1
0.5	0.3	1.322	1985.079	29-Jan-85	0.4		angle 1
1.6	0.1	1.771	1985.528	12-Jul-85	0.9		angle 1
14.9	0.1	2.710	1986.467	20-Jun-86	5.5		angle 1; 13 mm creep event
14.6	0.2	3.255	1987.012	5-Jan-87	4.5		angle 1
17.4	0.1	4.277	1988.036	13-Jan-88	4.1		angle 1; 11 mm creep event
28.7	0.1	4.809	1988.568	26-Jul-88	6.0		angle 1
28.7	0.5	6.088	1989.847	5-Nov-89	4.7		angle 2
27.5	0.2	8.869	1992.628	17-Aug-92	3.1		angle 2
30.6	0.4	9.126	1992.885	19-Nov-92	3.4		both angles
42.7	0.3	10.833	1994.592	4-Aug-94	3.9		angle 2; 12 mm event early '93, see Rockett
54.3	0.2	11.885	1995.644	23-Aug-95	4.6		angle 2
58.9	0.2	12.886	1996.645	23-Aug-96	4.6		angle 3 (patched using rate; centerpunched new ES.)
~66	0.1	13.885	1997.644	23-Aug-97	--		angle 3 (wrong punch on ES?)
67.4	0.4	14.920	1998.679	5-Sep-98	4.5		angle 3
76.2	0.2	15.920	1999.679	5-Sep-99	4.8		angle 3
86.6	0.1	17.085	2000.844	4-Nov-00	5.1		angle 3; 10 mm creep event
87.2	0.3	18.046	2001.805	21-Oct-01	4.8		angle 3
93.9	0.4	19.089	2002.848	6-Nov-02	4.9		angle 3; 7 mm, begin event
105.4	0.4	20.050	2003.809	23-Oct-03	5.3		angle 3; 11 mm, end event
104.9	0.3	21.052	2004.811	23-Oct-04	5.0		angle 3
~105	0.5	22.013	2005.772	9-Oct-05	--		angle 3 (wrong punch on ES?)
116.2	0.4	23.081	2006.840	3-Nov-06	5.0	5.05±.14	angle 3; 11 mm creep event

**Hayward Fault USGS-SFSU After
62.64 km-Hancock Ave.**

move- ment (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)			
					simple average	linear regression	simple average after 1994.627	linear regression after 1994.627
0.0		0.000	1982.041	15-Jan-82				
61.6	0.7	12.586	1994.627	17-Aug-94	4.9			
73.0	0.4	14.604	1996.645	23-Aug-96	5.0		5.6	
81.7	0.3	15.603	1997.644	23-Aug-97	5.2		6.7	
83.8	0.2	16.641	1998.682	6-Sep-98	5.0		5.5	
88.1	0.3	17.638	1999.679	5-Sep-99	5.0		5.2	
98.1	0.3	18.803	2000.844	4-Nov-00	5.2		5.9	
103.8	0.6	19.780	2001.821	27-Oct-01	5.2		5.9	
110.6	0.3	20.815	2002.856	9-Nov-02	5.3		6.0	
117.9	0.3	21.773	2003.814	25-Oct-03	5.4		6.1	
124.2	0.5	22.789	2004.830	30-Oct-04	5.4		6.1	
131.0	0.2	23.736	2005.777	11-Oct-05	5.5		6.2	
141.4	0.2	24.801	2006.842	4-Nov-06	5.7	5.65 ± 0.18	6.5	6.39 ± 0.18

**Hayward Fault USGS-SFSU Afterslip Site
63.10 km-Union St.**

movement (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)	
					simple average	linear regression
0.0	0.2	0.000	1993.019	7-Jan-93		
4.8	0.3	0.869	1993.888	20-Nov-93	5.5	
9.4	0.5	1.573	1994.592	4-Aug-94	6.0	
16.7	0.4	2.628	1995.647	24-Aug-95	6.4	
20.7	0.3	3.131	1996.150	24-Feb-96	6.6	
20.4	0.7	3.191	1996.210	17-Mar-96	6.4	
20.3	0.8	3.629	1996.648	24-Aug-96	5.6	
36.6	0.2	4.628	1997.647	24-Aug-97	7.9	
42.5	0.6	5.663	1998.682	6-Sep-98	7.5	
43.4	0.4	6.660	1999.679	5-Sep-99	6.5	
52.8	0.3	7.825	2000.844	4-Nov-00	6.7	
60.5	0.4	8.799	2001.818	26-Oct-01	6.9	
70.3	0.3	9.837	2002.856	9-Nov-02	7.1	
73.6	0.2	10.795	2003.814	25-Oct-03	6.8	
80.2	1.4	11.811	2004.830	30-Oct-04	6.8	
85.6	0.6	12.758	2005.777	11-Oct-05	6.7	
94.5	0.8	13.823	2006.842	4-Nov-06	6.8	6.90 ± 0.13

**Hayward Fault USGS-SFSU Afterslip Site
65.29 km-Pine St.**

move- ment (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)			
					simple average	linear regression	simple average after 1999.696	linear regression after 1999.696
0.0		0.000	1989.216	20-Mar-89				
19.0	0.2	3.806	1993.022	8-Jan-93	5.0			
19.2	0.3	4.672	1993.888	20-Nov-93	4.1			
20.6	0.3	5.376	1994.592	4-Aug-94	3.8			
25.4	0.2	6.436	1995.652	26-Aug-95	3.9			
39.1	0.3	6.934	1996.150	24-Feb-96	5.6			
40.9	0.8	6.975	1996.191	10-Mar-96	5.9			
41.9	0.3	7.426	1996.642	22-Aug-96	5.6			
44.9	0.2	8.431	1997.647	24-Aug-97	5.3			
45.1	0.5	9.466	1998.682	6-Sep-98	4.8			
49.4	0.2	10.480	1999.696	11-Sep-99	4.7			
58.6	0.3	11.647	2000.863	11-Nov-00	5.0		7.9	
67.2	0.3	12.605	2001.821	27-Oct-01	5.3		8.4	
73.6	0.3	13.640	2002.856	9-Nov-02	5.4		7.7	
82.3	0.3	14.593	2003.809	23-Oct-03	5.6		8.0	
86.5	0.4	15.614	2004.830	30-Oct-04	5.5		7.2	
94.5	0.3	16.561	2005.777	11-Oct-05	5.7		7.4	
101.8	0.4	17.629	2006.845	5-Nov-06	5.8	5.87 ± 0.21	7.3	7.25 ± 0.18

**Hayward Fault USGS-SFSU Afterslip Site
67.02 km-South Grimmer Blvd.**

move- ment (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)			
					simple average	linear regression	simple average since 2003	linear regres-sion after 2003.817
0.0		0.000	1982.460	17-Jun-82				
77.7	1.4	10.978	1993.438	9-Jun-93	7.1			
76.2	1.0	12.167	1994.627	17-Aug-94	6.3			
103.4	0.4	13.690	1996.150	24-Feb-96	7.6			
105.8	0.4	13.750	1996.210	17-Mar-96	7.7			
104.1	1.3	14.188	1996.648	24-Aug-96	7.3			
106.7	0.4	15.187	1997.647	24-Aug-97	7.0			
106.8	0.3	16.225	1998.685	7-Sep-98	6.6			
109.7	1.3	17.239	1999.699	12-Sep-99	6.4			
117.8	1.1	18.403	2000.863	11-Nov-00	6.4			
120.3	0.9	19.364	2001.824	28-Oct-01	6.2			
126.8	0.4	20.399	2002.859	10-Nov-02	6.2			
131.8	0.4	21.357	2003.817	26-Oct-03	6.2			
141.2	0.4	22.354	2004.814	24-Oct-04	6.3		9.4	
144.7	0.3	23.328	2005.788	15-Oct-05	6.2		6.5	
154.1	0.9	24.385	2006.845	5-Nov-06	6.3	5.89 ± 0.31	7.4	7.01 ± 0.78

Wrong centerpunch used;
interpolate Parkmeadow &
Onondaga

**Hayward Fault USGS-SFSU Afterslip Site
67.02 km-South Grimmer Blvd.**

move- ment (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)			
					simple average	linear regression	simple average since 2003	linear regres-sion after 2003.817
0.0		0.000	1982.460	17-Jun-82				
77.7	1.4	10.978	1993.438	9-Jun-93	7.1			
76.2	1.0	12.167	1994.627	17-Aug-94	6.3			
103.4	0.4	13.690	1996.150	24-Feb-96	7.6			
105.8	0.4	13.750	1996.210	17-Mar-96	7.7			
104.1	1.3	14.188	1996.648	24-Aug-96	7.3			
106.7	0.4	15.187	1997.647	24-Aug-97	7.0			
106.8	0.3	16.225	1998.685	7-Sep-98	6.6			
109.7	1.3	17.239	1999.699	12-Sep-99	6.4			
117.8	1.1	18.403	2000.863	11-Nov-00	6.4			
120.3	0.9	19.364	2001.824	28-Oct-01	6.2			
126.8	0.4	20.399	2002.859	10-Nov-02	6.2			
131.8	0.4	21.357	2003.817	26-Oct-03	6.2			
141.2	0.4	22.354	2004.814	24-Oct-04	6.3		9.4	
144.7	0.3	23.328	2005.788	15-Oct-05	6.2		6.5	
154.1	0.9	24.385	2006.845	5-Nov-06	6.3	5.89 ± 0.31	7.4	7.01 ± 0.78

Wrong centerpunch used;
interpolate Parkmeadow &
Onondaga

**Hayward Fault USGS-SFSU Afterslip Site
68.45 km-Mission Blvd**

movem ent (mm)	std. dev.	# of years	year	date	creep rate (mm/yr)			
					simple average	linear regression	simple average after 1997.644	linear regression after 1997.644
0.0	0.7	0.000	1993.189	10-Mar-93				
-0.5	0.5	1.400	1994.589	3-Aug-94	-0.4			
-3.6	0.9	2.458	1995.647	24-Aug-95	-1.5			
4.2	0.4	2.961	1996.150	24-Feb-96	1.4			
3.5	0.4	3.021	1996.210	17-Mar-96	1.2			
4.0	0.4	3.459	1996.648	24-Aug-96	1.2			
6.3	0.2	4.455	1997.644	23-Aug-97	1.4			
12.3	0.6	5.493	1998.682	6-Sep-98	2.2		5.8	
17.3	0.4	6.510	1999.699	12-Sep-99	2.7		5.4	
22.7	0.7	7.674	2000.863	11-Nov-00	3.0		5.1	
33.8	0.2	8.635	2001.824	28-Oct-01	3.9		6.6	
38.9	0.2	9.670	2002.859	10-Nov-02	4.0		6.3	
46.6	0.6	10.628	2003.817	26-Oct-03	4.4		6.5	
48.1	0.1	11.625	2004.814	24-Oct-04	4.1		5.8	
52.2	0.6	12.597	2005.786	14-Oct-05	4.1		5.6	
57.1	0.4	13.653	2006.842	4-Nov-06	4.2	4.92 ± 0.27	5.5	5.76 ± 0.27