

S1. Supplementary Data for the 320 Ground Motions

List of the 320 ground motions (each contains two components) and the supporting data including the NGA record sequence number (RSN), event name (Event), year of earthquake (Year), closest distance (R_{RUP}), File ID (component), peak ground velocity (PGV), energy of velocity pulse (EVP), energy of acceleration pulse (EAP), and pulse period (T_p).

RSN	Event	Year	M_w	R_{RUP} (km)	File ID (component)	PGV (cm/s)	EVP	EAP	T_p (s)
125	Friuli, Italy-01	1976	6.5	15.82	RSN125_FRIULI_A_A-TMZ000	22.8	0.4481	0.5982	1.03
					RSN125_FRIULI_A_A-TMZ270	30.5	0.2048	0.7327	0.61
143	Tabas, Iran	1979	7.35	2.05	RSN143_TABAS_TAB-L1	99.1	0.3200	0.1476	2.34
					RSN143_TABAS_TAB-T1	123.6	0.6631	0.1043	4.98
147	Coyote Lake	1979	5.74	9.02	RSN147_COYOTELK_G02050	10.3	0.2111	0.3360	0.84
					RSN147_COYOTELK_G02140	32.0	0.6845	0.2692	1.19
149	Coyote Lake	1979	5.74	5.7	RSN149_COYOTELK_G04270	25.8	0.3061	0.5246	0.71
					RSN149_COYOTELK_G04360	31.9	0.3802	0.5811	0.91
150	Coyote Lake	1979	5.74	3.11	RSN150_COYOTELK_G06230	44.4	0.7431	0.5333	1.05
					RSN150_COYOTELK_G06320	25.4	0.3475	0.5443	0.41
338	Coalinga-01	1983	6.36	29.48	RSN338_COALINGA_H_H-Z14000	34.9	0.2546	0.6067	1.13
					RSN338_COALINGA_H_H-Z14090	28.2	0.2033	0.6341	0.93
368	Coalinga-01	1983	6.36	8.41	RSN368_COALINGA_H_H-PVY045	60.5	0.2684	0.8014	0.66
					RSN368_COALINGA_H_H-PVY135	39.3	0.1330	0.5601	0.34
451	Morgan Hill	1984	6.19	0.53	RSN451_MORGAN_CYC195	52.9	0.5511	0.7422	0.78
					RSN451_MORGAN_CYC285	78.5	0.5512	0.7010	0.77
459	Morgan Hill	1984	6.19	9.87	RSN459_MORGAN_G06000	11.2	0.2734	0.5068	0.77
					RSN459_MORGAN_G06090	36.5	0.5240	0.6097	0.97
461	Morgan Hill	1984	6.19	3.48	RSN461_MORGAN_HVR150	12.8	0.1322	0.5950	0.79
					RSN461_MORGAN_HVR240	39.4	0.4865	0.5818	0.82
527	N. Palm Springs	1986	6.06	12.03	RSN527_PALMSPR_MVH045	31.0	0.2619	0.6635	1.17
					RSN527_PALMSPR_MVH135	40.0	0.4770	0.4907	1.84
529	N. Palm Springs	1986	6.06	4.04	RSN529_PALMSPR_NPS210	66.0	0.6025	0.5330	0.93
					RSN529_PALMSPR_NPS300	28.0	0.3088	0.6405	0.63
540	N. Palm Springs	1986	6.06	6.04	RSN540_PALMSPR_WWT180	38.5	0.3947	0.6349	0.90
					RSN540_PALMSPR_WWT270	30.8	0.3306	0.7788	0.43
614	Whittier Narrows-01	1987	5.99	20.79	RSN614_WHITTIER_A_A-BIR090	15.6	0.3079	0.4444	0.41
					RSN614_WHITTIER_A_A-BIR180	39.9	0.4978	0.7048	0.61
615	Whittier Narrows-01	1987	5.99	20.82	RSN615_WHITTIER_A_A-DWN180	30.7	0.6760	0.6260	0.77
					RSN615_WHITTIER_A_A-DWN270	12.8	0.3673	0.5517	0.80
645	Whittier Narrows-01	1987	5.99	24.54	RSN645_WHITTIER_A_A-OR2010	31.5	0.5459	0.6397	0.78
					RSN645_WHITTIER_A_A-OR2280	10.9	0.2994	0.4632	1.06
652	Whittier Narrows-01	1987	5.99	26.68	RSN652_WHITTIER_A_A-DEL000	32.4	0.5225	0.5325	0.71
					RSN652_WHITTIER_A_A-DEL090	11.2	0.2220	0.6363	0.44
692	Whittier Narrows-01	1987	5.99	18.49	RSN692_WHITTIER_A_A-EJS048	34.4	0.6261	0.4919	0.56
					RSN692_WHITTIER_A_A-EJS318	31.6	0.3896	0.4616	0.56

732	Loma Prieta	1989	6.93	43.23	RSN732_LOMAP_A02043	53.7	0.4034	0.6033	1.12
					RSN732_LOMAP_A02133	34.1	0.3099	0.5233	0.90
737	Loma Prieta	1989	6.93	24.57	RSN737_LOMAP_AGW000	33.5	0.3288	0.1592	3.63
					RSN737_LOMAP_AGW090	18.7	0.2292	0.5093	2.50
752	Loma Prieta	1989	6.93	15.23	RSN752_LOMAP_CAP000	38.0	0.1526	0.5118	0.88
					RSN752_LOMAP_CAP090	29.6	0.1699	0.6512	0.67
753	Loma Prieta	1989	6.93	3.85	RSN753_LOMAP_CLS000	56.0	0.2505	0.5053	0.44
					RSN753_LOMAP_CLS090	47.6	0.2567	0.5745	0.70
755	Loma Prieta	1989	6.93	20.34	RSN755_LOMAP_CYC195	15.8	0.1928	0.2908	1.27
					RSN755_LOMAP_CYC285	40.6	0.2611	0.5616	0.67
758	Loma Prieta	1989	6.93	76.97	RSN758_LOMAP_EMY260	42.7	0.3283	0.5650	1.24
					RSN758_LOMAP_EMY350	21.5	0.1743	0.5731	1.33
759	Loma Prieta	1989	6.93	43.94	RSN759_LOMAP_A01000	32.0	0.1280	0.6424	0.74
					RSN759_LOMAP_A01090	46.3	0.2395	0.4557	2.04
763	Loma Prieta	1989	6.93	9.96	RSN763_LOMAP_GIL067	31.1	0.5451	0.3143	1.36
					RSN763_LOMAP_GIL337	23.5	0.4469	0.4805	0.64
764	Loma Prieta	1989	6.93	10.97	RSN764_LOMAP_GOF160	43.4	0.4807	0.4678	1.25
					RSN764_LOMAP_GOF250	23.8	0.2170	0.5187	0.89
765	Loma Prieta	1989	6.93	9.64	RSN765_LOMAP_G01000	33.7	0.3258	0.6910	0.39
					RSN765_LOMAP_G01090	32.5	0.1834	0.5970	0.40
766	Loma Prieta	1989	6.93	11.07	RSN766_LOMAP_G02000	34.8	0.3283	0.6970	1.30
					RSN766_LOMAP_G02090	40.4	0.4683	0.2924	1.44
767	Loma Prieta	1989	6.93	12.82	RSN767_LOMAP_G03000	36.3	0.1893	0.7330	0.90
					RSN767_LOMAP_G03090	45.4	0.4387	0.3724	1.54
768	Loma Prieta	1989	6.93	14.34	RSN768_LOMAP_G04000	40.2	0.2573	0.6662	0.93
					RSN768_LOMAP_G04090	38.9	0.1840	0.4109	1.10
771	Loma Prieta	1989	6.93	79.81	RSN771_LOMAP_GGB270	40.1	0.5208	0.6807	1.21
					RSN771_LOMAP_GGB360	18.1	0.2864	0.6709	0.83
776	Loma Prieta	1989	6.93	27.93	RSN776_LOMAP_HSP000	63.0	0.2730	0.5555	1.19
					RSN776_LOMAP_HSP090	30.9	0.2620	0.2941	4.58
778	Loma Prieta	1989	6.93	24.82	RSN778_LOMAP_HDA165	44.3	0.3540	0.3852	3.89
					RSN778_LOMAP_HDA255	35.8	0.1749	0.4818	2.82
783	Loma Prieta	1989	6.93	74.26	RSN783_LOMAP_OHW000	41.8	0.4554	0.4482	1.07
					RSN783_LOMAP_OHW270	41.4	0.3436	0.6236	0.88
784	Loma Prieta	1989	6.93	72.2	RSN784_LOMAP_TIB200	20.0	0.2329	0.6246	1.18
					RSN784_LOMAP_TIB290	36.9	0.2858	0.6397	1.20
786	Loma Prieta	1989	6.93	30.81	RSN786_LOMAP_PAE055	41.6	0.2381	0.3907	2.47
					RSN786_LOMAP_PAE325	22.4	0.2151	0.3837	2.94
787	Loma Prieta	1989	6.93	30.86	RSN787_LOMAP_SLC270	41.6	0.3554	0.6052	1.30
					RSN787_LOMAP_SLC360	31.3	0.3260	0.3414	2.05
796	Loma Prieta	1989	6.93	77.43	RSN796_LOMAP_PRS000	12.9	0.2875	0.5658	1.27
					RSN796_LOMAP_PRS090	32.8	0.4784	0.6728	1.06

802	Loma Prieta	1989	6.93	8.5	RSN802_LOMAP_STG000	41.6	0.3916	0.4561	1.70
					RSN802_LOMAP_STG090	46.0	0.6633	0.1760	3.46
806	Loma Prieta	1989	6.93	24.23	RSN806_LOMAP_SVL270	38.7	0.3061	0.5750	3.04
					RSN806_LOMAP_SVL360	37.0	0.2403	0.4793	3.03
808	Loma Prieta	1989	6.93	77.42	RSN808_LOMAP_TRI000	15.6	0.2993	0.7215	1.18
					RSN808_LOMAP_TRI090	33.2	0.5380	0.4887	1.86
811	Loma Prieta	1989	6.93	17.47	RSN811_LOMAP_WAH000	27.4	0.1692	0.4288	0.75
					RSN811_LOMAP_WAH090	38.2	0.2020	0.2534	1.14
825	Cape Mendocino	1992	7.01	6.96	RSN825_CAPEMEND_CPM000	122.6	0.6653	0.6049	2.38
					RSN825_CAPEMEND_CPM090	42.5	0.4867	0.4564	2.16
828	Cape Mendocino	1992	7.01	8.18	RSN828_CAPEMEND_PET000	49.6	0.2781	0.5191	0.72
					RSN828_CAPEMEND_PET090	89.0	0.6734	0.2979	1.72
848	Landers	1992	7.28	19.74	RSN848 LANDERS_CLW-LN	27.6	0.4203	0.2455	3.58
					RSN848 LANDERS_CLW-TR	43.4	0.2407	0.7476	0.65
864	Landers	1992	7.28	11.03	RSN864 LANDERS_JOS000	27.1	0.1045	0.6165	0.98
					RSN864 LANDERS_JOS090	43.0	0.1070	0.5205	0.88
879	Landers	1992	7.28	2.19	RSN879 LANDERS_LCN260	133.6	0.7461	0.1431	5.08
					RSN879 LANDERS_LCN345	28.2	0.1967	0.2129	2.05
900	Landers	1992	7.28	23.62	RSN900 LANDERS_YER270	51.2	0.5922	0.3846	5.54
					RSN900 LANDERS_YER360	29.1	0.5956	0.2794	4.40
901	Big Bear-01	1992	6.46	8.3	RSN901_BIGBEAR_BLC270	28.4	0.1558	0.6313	0.33
					RSN901_BIGBEAR_BLC360	34.7	0.2491	0.5983	0.35
949	Northridge-01	1994	6.69	8.66	RSN949_NORTHTR_ARL090	41.4	0.2784	0.4586	1.00
					RSN949_NORTHTR_ARL360	23.3	0.3000	0.2048	2.68
952	Northridge-01	1994	6.69	18.36	RSN952_NORTHTR_MU2035	28.8	0.3093	0.7317	0.85
					RSN952_NORTHTR_MU2125	31.5	0.2248	0.6439	0.44
953	Northridge-01	1994	6.69	17.15	RSN953_NORTHTR_MUL009	59.3	0.4252	0.5190	1.08
					RSN953_NORTHTR_MUL279	66.8	0.4088	0.5089	1.05
959	Northridge-01	1994	6.69	14.7	RSN959_NORTHTR_CNP106	33.8	0.2072	0.7108	0.81
					RSN959_NORTHTR_CNP196	63.4	0.0887	0.5317	0.76
960	Northridge-01	1994	6.69	12.44	RSN960_NORTHTR_LOS000	44.4	0.3958	0.4020	1.34
					RSN960_NORTHTR_LOS270	41.6	0.2990	0.6426	0.87
963	Northridge-01	1994	6.69	20.72	RSN963_NORTHTR_ORR090	52.3	0.2507	0.3813	0.84
					RSN963_NORTHTR_ORR360	52.4	0.3060	0.4260	1.18
983	Northridge-01	1994	6.69	5.43	RSN983_NORTHTR_JGB022	76.2	0.5903	0.5029	2.87
					RSN983_NORTHTR_JGB292	67.4	0.2738	0.7342	1.08
989	Northridge-01	1994	6.69	20.45	RSN989_NORTHTR_CHL070	19.2	0.1969	0.5091	0.76
					RSN989_NORTHTR_CHL160	30.1	0.3703	0.5338	0.83
1003	Northridge-01	1994	6.69	27.01	RSN1003_NORTHTR_STN020	37.5	0.3681	0.5289	0.59
					RSN1003_NORTHTR_STN110	41.7	0.4148	0.5542	0.64
1007	Northridge-01	1994	6.69	34.2	RSN1007_NORTHTR_UNI005	31.1	0.3851	0.6411	0.46
					RSN1007_NORTHTR_UNI095	10.8	0.0994	0.4775	0.46

1012	Northridge-01	1994	6.69	19.07	RSN1012_NORTHR_LA0180	25.9	0.2706	0.6091	0.56
					RSN1012_NORTHR_LA0270	38.0	0.4317	0.5109	0.89
1013	Northridge-01	1994	6.69	5.92	RSN1013_NORTHR_LDM064	74.8	0.4099	0.5937	1.21
					RSN1013_NORTHR_LDM334	47.4	0.2181	0.8476	1.91
1042	Northridge-01	1994	6.69	12.51	RSN1042_NORTHR_CWC180	21.5	0.1733	0.7482	1.76
					RSN1042_NORTHR_CWC270	30.8	0.3890	0.4534	2.63
1044	Northridge-01	1994	6.69	5.92	RSN1044_NORTHR_NWH090	75.8	0.2392	0.5095	0.94
					RSN1044_NORTHR_NWH360	97.4	0.3237	0.3794	1.38
1045	Northridge-01	1994	6.69	5.48	RSN1045_NORTHR_WPI046	118.2	0.4845	0.8402	1.77
					RSN1045_NORTHR_WPI316	59.2	0.4770	0.7625	1.41
1049	Northridge-01	1994	6.69	24.08	RSN1049_NORTHR_SUN190	33.2	0.2966	0.5507	0.38
					RSN1049_NORTHR_SUN280	14.0	0.1992	0.1982	1.48
1050	Northridge-01	1994	6.69	7.01	RSN1050_NORTHR_PAC175	45.0	0.5042	0.5524	0.52
					RSN1050_NORTHR_PAC265	31.5	0.4252	0.5962	1.10
1052	Northridge-01	1994	6.69	7.26	RSN1052_NORTHR_PKC090	30.9	0.1596	0.6245	1.26
					RSN1052_NORTHR_PKC360	51.7	0.2789	0.6773	0.70
1054	Northridge-01	1994	6.69	7.46	RSN1054_NORTHR_PAR--L	76.1	0.4604	0.5111	0.99
					RSN1054_NORTHR_PAR--T	54.1	0.2682	0.5242	1.56
1063	Northridge-01	1994	6.69	6.5	RSN1063_NORTHR_RRS228	148.2	0.6478	0.7833	1.06
					RSN1063_NORTHR_RRS318	75.0	0.3851	0.3237	2.39
1077	Northridge-01	1994	6.69	26.45	RSN1077_NORTHR_STM090	41.8	0.2940	0.5608	1.78
					RSN1077_NORTHR_STM360	25.1	0.1452	0.2919	1.50
1080	Northridge-01	1994	6.69	13.42	RSN1080_NORTHR_KAT000	50.3	0.2408	0.5473	0.61
					RSN1080_NORTHR_KAT090	44.5	0.2045	0.5507	0.63
1082	Northridge-01	1994	6.69	10.05	RSN1082_NORTHR_RO3000	25.5	0.1554	0.5348	1.26
					RSN1082_NORTHR_RO3090	42.8	0.2338	0.7231	0.96
1084	Northridge-01	1994	6.69	5.35	RSN1084_NORTHR_SCS052	116.3	0.4332	0.3050	2.21
					RSN1084_NORTHR_SCS142	88.5	0.3404	0.6641	1.39
1085	Northridge-01	1994	6.69	5.19	RSN1085_NORTHR_SCE011	121.0	0.5368	0.4482	2.37
					RSN1085_NORTHR_SCE281	60.4	0.4544	0.6128	1.34
1086	Northridge-01	1994	6.69	5.3	RSN1086_NORTHR_SYL090	77.8	0.5170	0.5331	1.94
					RSN1086_NORTHR_SYL360	130.4	0.6511	0.3516	1.76
1101	Kobe, Japan	1995	6.9	11.34	RSN1101_KOBE_AMA000	33.6	0.1897	0.6434	1.83
					RSN1101_KOBE_AMA090	44.7	0.2347	0.4304	1.77
1104	Kobe, Japan	1995	6.9	17.85	RSN1104_KOBE_FKS000	31.5	0.0952	0.6206	2.51
					RSN1104_KOBE_FKS090	30.5	0.0916	0.5293	1.21
1108	Kobe, Japan	1995	6.9	0.92	RSN1108_KOBE_KBU000	55.5	0.2656	0.7297	1.28
					RSN1108_KOBE_KBU090	30.4	0.3532	0.4825	1.46
1111	Kobe, Japan	1995	6.9	7.08	RSN1111_KOBE_NIS000	46.9	0.1687	0.5964	0.56
					RSN1111_KOBE_NIS090	38.4	0.1167	0.6757	0.93
1116	Kobe, Japan	1995	6.9	19.15	RSN1116_KOBE_SHI000	31.4	0.2737	0.7305	1.36
					RSN1116_KOBE_SHI090	21.8	0.2409	0.6728	1.23

1119	Kobe, Japan	1995	6.9	0.27	RSN1119_KOBE_TAZ000	68.5	0.3501	0.4371	1.51
					RSN1119_KOBE_TAZ090	86.3	0.3842	0.4008	1.13
1147	Kocaeli, Turkey	1999	7.51	69.62	RSN1147_KOCAELI_ATS000	36.5	0.2605	0.3615	3.92
					RSN1147_KOCAELI_ATS090	35.1	0.1851	0.4913	1.94
1148	Kocaeli, Turkey	1999	7.51	13.49	RSN1148_KOCAELI_ARE000	14.0	0.4817	0.1091	4.56
					RSN1148_KOCAELI_ARE090	40.1	0.6109	0.1736	4.11
1158	Kocaeli, Turkey	1999	7.51	15.37	RSN1158_KOCAELI_DZC180	58.9	0.5178	0.4551	4.16
					RSN1158_KOCAELI_DZC270	55.7	0.4489	0.2590	2.01
1164	Kocaeli, Turkey	1999	7.51	7.21	RSN1165_KOCAELI_IJT090	38.3	0.6403	0.2426	3.94
					RSN1165_KOCAELI_IJT180	22.3	0.2841	0.5035	1.16
1180	Chi-Chi, Taiwan	1999	7.62	24.96	RSN1180_CHICHI_CHY002-N	56.2	0.3310	0.5376	6.28
					RSN1180_CHICHI_CHY002-W	42.8	0.1881	0.5869	4.18
1182	Chi-Chi, Taiwan	1999	7.62	9.76	RSN1182_CHICHI_CHY006-N	42.3	0.1694	0.6246	1.19
					RSN1182_CHICHI_CHY006-W	60.3	0.3662	0.6101	1.80
1183	Chi-Chi, Taiwan	1999	7.62	40.43	RSN1183_CHICHI_CHY008-N	23.4	0.1294	0.5807	2.74
					RSN1183_CHICHI_CHY008-W	31.1	0.2399	0.5185	3.46
1193	Chi-Chi, Taiwan	1999	7.62	9.62	RSN1193_CHICHI_CHY024-E	51.1	0.3024	0.4072	3.68
					RSN1193_CHICHI_CHY024-N	43.5	0.2364	0.1847	3.89
1194	Chi-Chi, Taiwan	1999	7.62	19.07	RSN1194_CHICHI_CHY025-E	50.9	0.1800	0.3177	3.56
					RSN1194_CHICHI_CHY025-N	32.9	0.1600	0.3455	3.24
1195	Chi-Chi, Taiwan	1999	7.62	29.52	RSN1195_CHICHI_CHY026-E	41.0	0.2372	0.3652	4.45
					RSN1195_CHICHI_CHY026-N	26.4	0.2035	0.7526	4.73
1197	Chi-Chi, Taiwan	1999	7.62	3.12	RSN1197_CHICHI_CHY028-E	61.4	0.1483	0.4982	0.73
					RSN1197_CHICHI_CHY028-N	85.8	0.2888	0.6503	0.97
1198	Chi-Chi, Taiwan	1999	7.62	10.96	RSN1198_CHICHI_CHY029-E	35.3	0.1192	0.6536	0.74
					RSN1198_CHICHI_CHY029-N	39.7	0.3870	0.2582	5.21
1201	Chi-Chi, Taiwan	1999	7.62	14.82	RSN1201_CHICHI_CHY034-N	45.2	0.1827	0.5459	1.12
					RSN1201_CHICHI_CHY034-W	35.0	0.2406	0.4371	1.52
1202	Chi-Chi, Taiwan	1999	7.62	12.65	RSN1202_CHICHI_CHY035-E	43.7	0.3093	0.7108	1.65
					RSN1202_CHICHI_CHY035-N	31.0	0.1465	0.5887	1.08
1203	Chi-Chi, Taiwan	1999	7.62	16.04	RSN1203_CHICHI_CHY036-E	41.7	0.1429	0.4171	1.96
					RSN1203_CHICHI_CHY036-N	44.8	0.2951	0.2699	5.64
1205	Chi-Chi, Taiwan	1999	7.62	19.83	RSN1205_CHICHI_CHY041-E	20.4	0.0777	0.5281	0.63
					RSN1205_CHICHI_CHY041-N	37.4	0.1615	0.7615	0.48
1227	Chi-Chi, Taiwan	1999	7.62	10.8	RSN1227_CHICHI_CHY074-E	31.4	0.2155	0.7051	1.95
					RSN1227_CHICHI_CHY074-N	21.1	0.1508	0.5074	1.35
1231	Chi-Chi, Taiwan	1999	7.62	2.69	RSN1231_CHICHI_CHY080-E	106.8	0.2774	0.5608	0.89
					RSN1231_CHICHI_CHY080-N	92.7	0.2363	0.7257	0.93
1238	Chi-Chi, Taiwan	1999	7.62	22.69	RSN1238_CHICHI_CHY092-N	34.7	0.1907	0.4042	6.26
					RSN1238_CHICHI_CHY092-W	53.2	0.2747	0.4092	3.98
1244	Chi-Chi, Taiwan	1999	7.62	9.94	RSN1244_CHICHI_CHY101-E	65.0	0.3634	0.4091	3.25
					RSN1244_CHICHI_CHY101-N	109.2	0.5387	0.3054	4.40

1246	Chi-Chi, Taiwan	1999	7.62	18.02	RSN1246_CHICHI_CHY104-N	52.6	0.2606	0.4935	5.74
					RSN1246_CHICHI_CHY104-W	56.3	0.1174	0.4649	2.53
1292	Chi-Chi, Taiwan	1999	7.62	63.43	RSN1292_CHICHI_HWA045-N	31.3	0.3243	0.6116	0.97
					RSN1292_CHICHI_HWA045-W	15.9	0.2527	0.5772	1.17
1331	Chi-Chi, Taiwan	1999	7.62	87.97	RSN1331_CHICHI_ILA041-N	21.8	0.2657	0.6096	5.10
					RSN1331_CHICHI_ILA041-W	30.0	0.1780	0.3962	3.41
1343	Chi-Chi, Taiwan	1999	7.62	92.04	RSN1343_CHICHI_ILA056-N	31.0	0.2499	0.5493	5.10
					RSN1343_CHICHI_ILA056-W	32.7	0.2285	0.5199	5.74
1402	Chi-Chi, Taiwan	1999	7.62	38.42	RSN1402_CHICHI_NST-E	20.9	0.5417	0.1521	6.40
					RSN1402_CHICHI_NST-N	30.9	0.5158	0.2159	2.83
1410	Chi-Chi, Taiwan	1999	7.62	102.39	RSN1410_CHICHI_TAP003-E	28.8	0.1931	0.8104	1.57
					RSN1410_CHICHI_TAP003-N	31.7	0.1962	0.5924	1.72
1411	Chi-Chi, Taiwan	1999	7.62	106.87	RSN1411_CHICHI_TAP005-E	31.3	0.2397	0.6345	1.21
					RSN1411_CHICHI_TAP005-N	20.7	0.1969	0.4785	1.65
1454	Chi-Chi, Taiwan	1999	7.62	105.56	RSN1454_CHICHI_TAP090-E	32.4	0.3040	0.6807	1.33
					RSN1454_CHICHI_TAP090-N	19.3	0.2693	0.6280	1.51
1463	Chi-Chi, Taiwan	1999	7.62	86.57	RSN1463_CHICHI_TCU003-E	34.9	0.2453	0.6455	5.53
					RSN1463_CHICHI_TCU003-N	19.2	0.3362	0.3448	7.27
1464	Chi-Chi, Taiwan	1999	7.62	72.61	RSN1464_CHICHI_TCU006-E	33.9	0.4746	0.3649	9.26
					RSN1464_CHICHI_TCU006-N	18.5	0.1791	0.4019	2.89
1467	Chi-Chi, Taiwan	1999	7.62	81.08	RSN1467_CHICHI_TCU009-E	30.2	0.2691	0.6384	4.99
					RSN1467_CHICHI_TCU009-N	18.9	0.4238	0.3661	7.20
1468	Chi-Chi, Taiwan	1999	7.62	82.27	RSN1468_CHICHI_TCU010-E	33.2	0.1509	0.8817	3.87
					RSN1468_CHICHI_TCU010-N	20.3	0.3163	0.4098	4.10
1471	Chi-Chi, Taiwan	1999	7.62	49.81	RSN1471_CHICHI_TCU015-E	41.8	0.4455	0.3078	6.32
					RSN1471_CHICHI_TCU015-N	24.9	0.3523	0.3006	5.58
1472	Chi-Chi, Taiwan	1999	7.62	54.28	RSN1472_CHICHI_TCU017-E	36.7	0.5525	0.3140	7.46
					RSN1472_CHICHI_TCU017-N	34.4	0.4000	0.3450	5.40
1473	Chi-Chi, Taiwan	1999	7.62	66.25	RSN1473_CHICHI_TCU018-E	37.8	0.3139	0.5716	3.29
					RSN1473_CHICHI_TCU018-N	23.3	0.4526	0.5299	5.49
1475	Chi-Chi, Taiwan	1999	7.62	56.12	RSN1475_CHICHI_TCU026-E	37.9	0.5829	0.2192	6.75
					RSN1475_CHICHI_TCU026-N	26.8	0.6140	0.1692	6.91
1476	Chi-Chi, Taiwan	1999	7.62	28.04	RSN1476_CHICHI_TCU029-E	37.5	0.3888	0.2293	5.72
					RSN1476_CHICHI_TCU029-N	51.9	0.4252	0.5360	4.04
1477	Chi-Chi, Taiwan	1999	7.62	30.17	RSN1477_CHICHI_TCU031-E	53.9	0.5566	0.5347	5.80
					RSN1477_CHICHI_TCU031-N	47.0	0.2914	0.4604	4.85
1478	Chi-Chi, Taiwan	1999	7.62	40.88	RSN1478_CHICHI_TCU033-E	41.6	0.4561	0.2837	6.10
					RSN1478_CHICHI_TCU033-N	24.0	0.1469	0.4028	2.27
1479	Chi-Chi, Taiwan	1999	7.62	35.68	RSN1479_CHICHI_TCU034-E	43.7	0.4382	0.3284	5.40
					RSN1479_CHICHI_TCU034-N	24.3	0.3030	0.2879	4.51
1480	Chi-Chi, Taiwan	1999	7.62	19.83	RSN1480_CHICHI_TCU036-E	57.6	0.6096	0.2493	5.58
					RSN1480_CHICHI_TCU036-N	47.5	0.4373	0.2411	6.33

1481	Chi-Chi, Taiwan	1999	7.62	25.42	RSN1481_CHICHI_TCU038-E	56.8	0.4562	0.3280	4.56
					RSN1481_CHICHI_TCU038-N	38.8	0.4593	0.1178	6.54
1482	Chi-Chi, Taiwan	1999	7.62	19.89	RSN1482_CHICHI_TCU039-E	55.3	0.2071	0.4170	3.20
					RSN1482_CHICHI_TCU039-N	56.6	0.5025	0.4768	4.57
1483	Chi-Chi, Taiwan	1999	7.62	22.06	RSN1483_CHICHI_TCU040-E	56.8	0.5630	0.1999	4.94
					RSN1483_CHICHI_TCU040-N	47.3	0.5044	0.3366	4.91
1484	Chi-Chi, Taiwan	1999	7.62	26.31	RSN1484_CHICHI_TCU042-E	37.0	0.3432	0.1689	4.60
					RSN1484_CHICHI_TCU042-N	36.2	0.2733	0.3597	4.84
1485	Chi-Chi, Taiwan	1999	7.62	26	RSN1485_CHICHI_TCU045-E	50.1	0.5357	0.3726	3.21
					RSN1485_CHICHI_TCU045-N	46.4	0.2669	0.6495	0.74
1487	Chi-Chi, Taiwan	1999	7.62	35	RSN1487_CHICHI_TCU047-E	42.0	0.4078	0.4490	4.62
					RSN1487_CHICHI_TCU047-N	34.4	0.2386	0.2302	2.73
1488	Chi-Chi, Taiwan	1999	7.62	13.53	RSN1488_CHICHI_TCU048-E	34.3	0.2157	0.1904	4.29
					RSN1488_CHICHI_TCU048-N	47.3	0.3472	0.5197	5.67
1489	Chi-Chi, Taiwan	1999	7.62	3.76	RSN1489_CHICHI_TCU049-E	53.6	0.5869	0.1604	6.30
					RSN1489_CHICHI_TCU049-N	62.3	0.3162	0.2059	4.50
1490	Chi-Chi, Taiwan	1999	7.62	9.49	RSN1490_CHICHI_TCU050-E	36.7	0.4819	0.1574	6.52
					RSN1490_CHICHI_TCU050-N	43.3	0.2978	0.4114	5.14
1491	Chi-Chi, Taiwan	1999	7.62	7.64	RSN1491_CHICHI_TCU051-E	53.9	0.5188	0.1611	5.50
					RSN1491_CHICHI_TCU051-N	41.8	0.4003	0.2855	7.19
1492	Chi-Chi, Taiwan	1999	7.62	0.66	RSN1492_CHICHI_TCU052-E	151.2	0.7985	0.5362	5.69
					RSN1492_CHICHI_TCU052-N	172.3	0.6828	0.4531	6.55
1493	Chi-Chi, Taiwan	1999	7.62	5.95	RSN1493_CHICHI_TCU053-E	39.6	0.4188	0.1899	4.32
					RSN1493_CHICHI_TCU053-N	46.3	0.2537	0.2725	4.42
1494	Chi-Chi, Taiwan	1999	7.62	5.28	RSN1494_CHICHI_TCU054-E	46.0	0.5301	0.1951	6.10
					RSN1494_CHICHI_TCU054-N	41.4	0.2494	0.3308	5.52
1495	Chi-Chi, Taiwan	1999	7.62	6.34	RSN1495_CHICHI_TCU055-E	33.1	0.1130	0.2999	3.00
					RSN1495_CHICHI_TCU055-N	49.0	0.2670	0.1752	4.05
1496	Chi-Chi, Taiwan	1999	7.62	10.48	RSN1496_CHICHI_TCU056-E	42.9	0.4761	0.1190	6.52
					RSN1496_CHICHI_TCU056-N	39.6	0.3536	0.4792	5.47
1497	Chi-Chi, Taiwan	1999	7.62	11.83	RSN1497_CHICHI_TCU057-E	38.2	0.3453	0.1641	6.58
					RSN1497_CHICHI_TCU057-N	49.3	0.3817	0.5774	4.74
1498	Chi-Chi, Taiwan	1999	7.62	17.11	RSN1498_CHICHI_TCU059-E	51.4	0.4497	0.2486	6.25
					RSN1498_CHICHI_TCU059-N	53.5	0.3386	0.3294	5.43
1499	Chi-Chi, Taiwan	1999	7.62	8.51	RSN1499_CHICHI_TCU060-E	33.4	0.2549	0.2279	4.59
					RSN1499_CHICHI_TCU060-N	44.0	0.3426	0.2876	5.01
1500	Chi-Chi, Taiwan	1999	7.62	17.17	RSN1500_CHICHI_TCU061-E	40.8	0.3623	0.2288	5.77
					RSN1500_CHICHI_TCU061-N	38.0	0.1625	0.3329	3.47
1501	Chi-Chi, Taiwan	1999	7.62	9.78	RSN1501_CHICHI_TCU063-E	44.0	0.2913	0.4520	4.59
					RSN1501_CHICHI_TCU063-N	82.8	0.4475	0.5209	3.99
1502	Chi-Chi, Taiwan	1999	7.62	16.59	RSN1502_CHICHI_TCU064-E	42.7	0.3078	0.7811	4.44
					RSN1502_CHICHI_TCU064-N	55.3	0.3774	0.5036	5.24

1503	Chi-Chi, Taiwan	1999	7.62	0.57	RSN1503_CHICHI_TCU065-E	125.4	0.3420	0.2895	4.13
					RSN1503_CHICHI_TCU065-N	92.1	0.0993	0.7410	1.57
1504	Chi-Chi, Taiwan	1999	7.62	0.62	RSN1504_CHICHI_TCU067-E	92.1	0.3988	0.6330	2.15
					RSN1504_CHICHI_TCU067-N	51.3	0.2020	0.3278	2.70
1505	Chi-Chi, Taiwan	1999	7.62	0.32	RSN1505_CHICHI_TCU068-E	249.6	0.7244	0.4828	5.18
					RSN1505_CHICHI_TCU068-N	264.1	0.7201	0.3883	6.03
1506	Chi-Chi, Taiwan	1999	7.62	19	RSN1506_CHICHI_TCU070-E	47.6	0.3310	0.2451	5.84
					RSN1506_CHICHI_TCU070-N	60.2	0.3346	0.4954	3.83
1507	Chi-Chi, Taiwan	1999	7.62	5.8	RSN1507_CHICHI_TCU071-E	52.3	0.1004	0.6942	0.99
					RSN1507_CHICHI_TCU071-N	67.6	0.0824	0.4105	1.19
1508	Chi-Chi, Taiwan	1999	7.62	7.08	RSN1508_CHICHI_TCU072-E	72.0	0.1711	0.5648	0.75
					RSN1508_CHICHI_TCU072-N	52.5	0.1828	0.4401	1.40
1509	Chi-Chi, Taiwan	1999	7.62	13.46	RSN1509_CHICHI_TCU074-E	70.4	0.1950	0.6701	0.94
					RSN1509_CHICHI_TCU074-N	45.0	0.2040	0.6452	1.20
1510	Chi-Chi, Taiwan	1999	7.62	0.89	RSN1510_CHICHI_TCU075-E	109.6	0.6806	0.5216	3.87
					RSN1510_CHICHI_TCU075-N	36.1	0.2681	0.4094	3.66
1511	Chi-Chi, Taiwan	1999	7.62	2.74	RSN1511_CHICHI_TCU076-E	51.9	0.4326	0.2418	3.17
					RSN1511_CHICHI_TCU076-N	59.8	0.2959	0.5130	2.40
1512	Chi-Chi, Taiwan	1999	7.62	8.2	RSN1512_CHICHI_TCU078-E	40.2	0.1253	0.3959	1.77
					RSN1512_CHICHI_TCU078-N	31.6	0.1472	0.2716	1.22
1513	Chi-Chi, Taiwan	1999	7.62	10.97	RSN1513_CHICHI_TCU079-E	70.6	0.1996	0.5020	0.67
					RSN1513_CHICHI_TCU079-N	33.7	0.1206	0.4453	0.77
1515	Chi-Chi, Taiwan	1999	7.62	5.16	RSN1515_CHICHI_TCU082-E	54.9	0.5628	0.2224	6.16
					RSN1515_CHICHI_TCU082-N	40.8	0.1469	0.5455	2.70
1516	Chi-Chi, Taiwan	1999	7.62	80.32	RSN1516_CHICHI_TCU083-E	30.1	0.3233	0.1993	7.29
					RSN1516_CHICHI_TCU083-N	21.9	0.1880	0.5004	3.73
1517	Chi-Chi, Taiwan	1999	7.62	11.48	RSN1517_CHICHI_TCU084-E	128.8	0.1788	0.5214	1.33
					RSN1517_CHICHI_TCU084-N	48.1	0.1191	0.5626	1.17
1519	Chi-Chi, Taiwan	1999	7.62	6.98	RSN1519_CHICHI_TCU087-E	45.0	0.4054	0.1793	5.30
					RSN1519_CHICHI_TCU087-N	40.5	0.4789	0.5377	3.80
1520	Chi-Chi, Taiwan	1999	7.62	18.16	RSN1520_CHICHI_TCU088-E	14.2	0.1909	0.1698	1.70
					RSN1520_CHICHI_TCU088-N	34.8	0.4357	0.0500	4.94
1521	Chi-Chi, Taiwan	1999	7.62	9	RSN1521_CHICHI_TCU089-E	35.0	0.0993	0.3533	1.18
					RSN1521_CHICHI_TCU089-N	33.2	0.3097	0.2216	3.10
1523	Chi-Chi, Taiwan	1999	7.62	54.53	RSN1523_CHICHI_TCU094-E	38.8	0.5997	0.4214	7.46
					RSN1523_CHICHI_TCU094-N	24.1	0.5163	0.3257	6.08
1524	Chi-Chi, Taiwan	1999	7.62	45.18	RSN1524_CHICHI_TCU095-E	48.7	0.5059	0.2467	5.45
					RSN1524_CHICHI_TCU095-N	49.2	0.2586	0.2394	2.17
1525	Chi-Chi, Taiwan	1999	7.62	54.45	RSN1525_CHICHI_TCU096-E	38.1	0.5085	0.3053	7.73
					RSN1525_CHICHI_TCU096-N	26.5	0.5335	0.1525	7.38
1526	Chi-Chi, Taiwan	1999	7.62	47.67	RSN1526_CHICHI_TCU098-E	45.7	0.5193	0.1793	8.19
					RSN1526_CHICHI_TCU098-N	27.3	0.1811	0.7030	2.89

1527	Chi-Chi, Taiwan	1999	7.62	11.37	RSN1527_CHICHI_TCU100-E	38.0	0.3680	0.1514	6.41
					RSN1527_CHICHI_TCU100-N	42.9	0.2859	0.3521	5.67
1528	Chi-Chi, Taiwan	1999	7.62	2.11	RSN1528_CHICHI_TCU101-E	76.8	0.5862	0.4125	4.73
					RSN1528_CHICHI_TCU101-N	51.0	0.3856	0.1701	4.37
1529	Chi-Chi, Taiwan	1999	7.62	1.49	RSN1529_CHICHI_TCU102-E	91.7	0.4880	0.8180	2.94
					RSN1529_CHICHI_TCU102-N	66.4	0.3150	0.6000	2.70
1530	Chi-Chi, Taiwan	1999	7.62	6.08	RSN1530_CHICHI_TCU103-E	70.3	0.4851	0.3133	4.00
					RSN1530_CHICHI_TCU103-N	24.2	0.1327	0.4890	3.19
1531	Chi-Chi, Taiwan	1999	7.62	12.87	RSN1531_CHICHI_TCU104-E	31.0	0.3932	0.2021	6.58
					RSN1531_CHICHI_TCU104-N	47.5	0.3658	0.4906	5.51
1532	Chi-Chi, Taiwan	1999	7.62	17.16	RSN1532_CHICHI_TCU105-E	33.0	0.3254	0.1843	4.97
					RSN1532_CHICHI_TCU105-N	42.6	0.2572	0.4798	5.30
1533	Chi-Chi, Taiwan	1999	7.62	14.97	RSN1533_CHICHI_TCU106-E	38.4	0.3430	0.2394	6.66
					RSN1533_CHICHI_TCU106-N	38.3	0.1465	0.3561	4.30
1534	Chi-Chi, Taiwan	1999	7.62	15.99	RSN1534_CHICHI_TCU107-E	34.2	0.0767	0.5976	2.03
					RSN1534_CHICHI_TCU107-N	45.1	0.1759	0.4961	3.57
1535	Chi-Chi, Taiwan	1999	7.62	13.06	RSN1535_CHICHI_TCU109-E	56.9	0.3435	0.3247	6.12
					RSN1535_CHICHI_TCU109-N	56.4	0.2495	0.3784	3.81
1536	Chi-Chi, Taiwan	1999	7.62	11.58	RSN1536_CHICHI_TCU110-E	56.6	0.1864	0.5874	2.22
					RSN1536_CHICHI_TCU110-N	48.7	0.1647	0.6051	2.10
1537	Chi-Chi, Taiwan	1999	7.62	22.12	RSN1537_CHICHI_TCU111-E	53.3	0.3229	0.5027	4.47
					RSN1537_CHICHI_TCU111-N	32.2	0.1197	0.5834	3.34
1538	Chi-Chi, Taiwan	1999	7.62	27.48	RSN1538_CHICHI_TCU112-E	35.9	0.1862	0.5845	3.43
					RSN1538_CHICHI_TCU112-N	40.2	0.2552	0.4931	3.83
1540	Chi-Chi, Taiwan	1999	7.62	21.76	RSN1540_CHICHI_TCU115-E	48.7	0.3618	0.6513	4.04
					RSN1540_CHICHI_TCU115-N	42.5	0.1979	0.5460	4.38
1541	Chi-Chi, Taiwan	1999	7.62	12.38	RSN1541_CHICHI_TCU116-E	42.1	0.2557	0.2402	3.16
					RSN1541_CHICHI_TCU116-N	52.3	0.2809	0.4100	3.63
1542	Chi-Chi, Taiwan	1999	7.62	25.42	RSN1542_CHICHI_TCU117-E	56.3	0.2912	0.4691	4.24
					RSN1542_CHICHI_TCU117-N	56.6	0.2917	0.4482	3.91
1543	Chi-Chi, Taiwan	1999	7.62	26.82	RSN1543_CHICHI_TCU118-E	29.9	0.2098	0.7196	4.04
					RSN1543_CHICHI_TCU118-N	35.7	0.2547	0.5122	6.22
1545	Chi-Chi, Taiwan	1999	7.62	7.4	RSN1545_CHICHI_TCU120-E	59.8	0.3356	0.6424	4.24
					RSN1545_CHICHI_TCU120-N	34.7	0.3126	0.1763	5.61
1546	Chi-Chi, Taiwan	1999	7.62	9.34	RSN1546_CHICHI_TCU122-E	42.2	0.3193	0.1923	5.48
					RSN1546_CHICHI_TCU122-N	43.5	0.3013	0.6736	2.97
1547	Chi-Chi, Taiwan	1999	7.62	14.91	RSN1547_CHICHI_TCU123-E	47.9	0.1393	0.4242	2.68
					RSN1547_CHICHI_TCU123-N	36.7	0.1804	0.6618	3.50
1548	Chi-Chi, Taiwan	1999	7.62	13.13	RSN1548_CHICHI_TCU128-E	63.8	0.4759	0.5449	5.45
					RSN1548_CHICHI_TCU128-N	62.7	0.5164	0.4201	5.24
1549	Chi-Chi, Taiwan	1999	7.62	1.83	RSN1549_CHICHI_TCU129-E	62.8	0.5696	0.3602	3.03
					RSN1549_CHICHI_TCU129-N	53.0	0.2690	0.7240	1.98

1550	Chi-Chi, Taiwan	1999	7.62	8.27	RSN1550_CHICHI_TCU136-N	51.5	0.3886	0.6772	3.40
					RSN1550_CHICHI_TCU136-W	45.4	0.5690	0.2493	6.94
1551	Chi-Chi, Taiwan	1999	7.62	9.78	RSN1551_CHICHI_TCU138-N	39.0	0.1827	0.5665	3.20
					RSN1551_CHICHI_TCU138-W	35.7	0.1905	0.2622	3.68
1553	Chi-Chi, Taiwan	1999	7.62	24.19	RSN1553_CHICHI_TCU141-N	28.1	0.1162	0.7822	3.04
					RSN1553_CHICHI_TCU141-W	45.8	0.2687	0.5201	4.41
1555	Chi-Chi, Taiwan	1999	7.62	71.27	RSN1555_CHICHI_TCU147-E	31.4	0.4934	0.3681	7.46
					RSN1555_CHICHI_TCU147-N	24.2	0.2429	0.7153	2.11
1605	Duzce, Turkey	1999	7.14	6.58	RSN1605_DUZCE_DZC180	71.2	0.3645	0.2493	3.82
					RSN1605_DUZCE_DZC270	84.3	0.4745	0.3994	2.97
1633	Manjil, Iran	1990	7.37	12.55	RSN1633_MANJIL_ABBAR--L	43.2	0.3390	0.1241	2.50
					RSN1633_MANJIL_ABBAR--T	52.7	0.2648	0.1652	2.38
1634	Manjil, Iran	1990	7.37	75.58	RSN1634_MANJIL_184057	20.7	0.1898	0.4778	2.83
					RSN1634_MANJIL_184327	55.1	0.2422	0.5345	3.25
1787	Hector Mine	1999	7.13	11.66	RSN1787_HECTOR_HEC000	26.0	0.4718	0.1826	4.98
					RSN1787_HECTOR_HEC090	44.8	0.3314	0.4011	1.47
3548	Loma Prieta	1989	6.93	5.02	RSN3548_LOMAP_LEX000	85.8	0.5999	0.5381	1.09
					RSN3548_LOMAP_LEX090	95.9	0.6608	0.5380	1.24
3744	Cape Mendocino	1992	7.01	12.24	RSN3744_CAPEMEND_BNH270	67.9	0.7093	0.3532	3.25
					RSN3744_CAPEMEND_BNH360	48.3	0.5936	0.5172	1.89
3746	Cape Mendocino	1992	7.01	18.31	RSN3746_CAPEMEND_CBF270	49.5	0.4300	0.3111	1.58
					RSN3746_CAPEMEND_CBF360	51.2	0.4944	0.3989	1.80
3748	Cape Mendocino	1992	7.01	19.32	RSN3748_CAPEMEND_FFS270	89.6	0.4324	0.5919	1.41
					RSN3748_CAPEMEND_FFS360	52.2	0.4263	0.5482	1.03
3749	Cape Mendocino	1992	7.01	20.41	RSN3749_CAPEMEND_FFT270	33.9	0.4442	0.2099	2.88
					RSN3749_CAPEMEND_FFT360	38.1	0.3757	0.3071	1.95
3750	Cape Mendocino	1992	7.01	25.91	RSN3750_CAPEMEND_LFS270	35.5	0.2881	0.3644	3.25
					RSN3750_CAPEMEND_LFS360	30.1	0.4797	0.1689	5.15
3754	Landers	1992	7.28	48.84	RSN3754 LANDERS_INJ090	35.7	0.1280	0.7065	0.68
					RSN3754 LANDERS_INJ180	14.0	0.0695	0.5504	1.30
3947	Tottori, Japan	2000	6.61	5.86	RSN3947_TOTTORI_SMNH01EW	35.5	0.5492	0.1622	3.75
					RSN3947_TOTTORI_SMNH01NS	35.7	0.3044	0.3706	0.75
3964	Tottori, Japan	2000	6.61	11.29	RSN3964_TOTTORI_TTR007EW	26.1	0.1453	0.5616	0.40
					RSN3964_TOTTORI_TTR007NS	42.9	0.2030	0.6309	0.42
3965	Tottori, Japan	2000	6.61	6.88	RSN3965_TOTTORI_TTR008EW	54.2	0.2518	0.7539	1.35
					RSN3965_TOTTORI_TTR008NS	35.5	0.1702	0.3565	1.35
3966	Tottori, Japan	2000	6.61	8.83	RSN3966_TOTTORI_TTR009EW	26.0	0.1237	0.6106	0.66
					RSN3966_TOTTORI_TTR009NS	39.9	0.6084	0.2993	2.09
3968	Tottori, Japan	2000	6.61	0.97	RSN3968_TOTTORI_TTRH02EW	86.6	0.1874	0.6894	0.82
					RSN3968_TOTTORI_TTRH02NS	122.2	0.4275	0.5555	0.81
4031	San Simeon, CA	2003	6.52	6.22	RSN4031_SANSIMEO_36695090	39.3	0.3914	0.2298	2.35
					RSN4031_SANSIMEO_36695360	23.0	0.2959	0.3892	1.70

4040	Bam, Iran	2003	6.6	1.7	RSN4040_BAM_BAM-L	124.1	0.6903	0.5400	1.53
					RSN4040_BAM_BAM-T	60.2	0.6512	0.5164	1.54
4070	Parkfield-02, CA	2004	6	4.57	RSN4070_PARK2004_JOAQU021	25.4	0.1303	0.4839	0.27
					RSN4070_PARK2004_JOAQU111	30.6	0.2753	0.4902	0.64
4097	Parkfield-02, CA	2004	6	2.99	RSN4097_PARK2004_SCN090	26.0	0.2109	0.6264	0.74
					RSN4097_PARK2004_SCN360	53.2	0.4405	0.5166	0.76
4098	Parkfield-02, CA	2004	6	3	RSN4098_PARK2004_C01090	40.2	0.6234	0.6010	1.35
					RSN4098_PARK2004_C01360	39.3	0.3941	0.7933	1.06
4100	Parkfield-02, CA	2004	6	3.01	RSN4100_PARK2004_C02090	64.0	0.5372	0.5156	0.73
					RSN4100_PARK2004_C02360	44.8	0.4703	0.5467	0.75
4102	Parkfield-02, CA	2004	6	3.63	RSN4102_PARK2004_C03090	28.9	0.4777	0.7092	0.71
					RSN4102_PARK2004_C03360	37.8	0.5375	0.7713	0.79
4103	Parkfield-02, CA	2004	6	4.23	RSN4103_PARK2004_C04090	32.3	0.4853	0.7241	0.56
					RSN4103_PARK2004_C04360	26.9	0.4782	0.8493	0.50
4107	Parkfield-02, CA	2004	6	2.51	RSN4107_PARK2004_COW090	63.8	0.3055	0.6281	0.93
					RSN4107_PARK2004_COW360	81.4	0.6342	0.6024	0.97
4115	Parkfield-02, CA	2004	6	2.65	RSN4115_PARK2004_PRK090	39.9	0.4972	0.4714	1.16
					RSN4115_PARK2004_PRK360	46.9	0.6508	0.5927	1.13
4116	Parkfield-02, CA	2004	6	8.81	RSN4116_PARK2004_Z14090	83.6	0.3644	0.7302	0.71
					RSN4116_PARK2004_Z14360	42.3	0.4019	0.5588	0.70
4126	Parkfield-02, CA	2004	6	3.79	RSN4126_PARK2004_SC1090	36.0	0.6638	0.5405	0.77
					RSN4126_PARK2004_SC1360	39.9	0.5471	0.6306	0.45
4207	Niigata, Japan	2004	6.63	12.81	RSN4207_NIIGATA_NIG017EW	22.6	0.0683	0.3045	0.70
					RSN4207_NIIGATA_NIG017NS	48.7	0.2485	0.2434	1.16
4208	Niigata, Japan	2004	6.63	25.84	RSN4208_NIIGATA_NIG018EW	31.4	0.2433	0.5112	2.00
					RSN4208_NIIGATA_NIG018NS	13.6	0.0854	0.5051	1.80
4209	Niigata, Japan	2004	6.63	9.88	RSN4209_NIIGATA_NIG019EW	127.5	0.2393	0.6078	0.78
					RSN4209_NIIGATA_NIG019NS	98.6	0.2388	0.5426	0.75
4210	Niigata, Japan	2004	6.63	8.47	RSN4210_NIIGATA_NIG020EW	27.4	0.2019	0.3625	1.20
					RSN4210_NIIGATA_NIG020NS	30.9	0.1910	0.2883	1.02
4211	Niigata, Japan	2004	6.63	11.26	RSN4211_NIIGATA_NIG021EW	50.0	0.2876	0.5925	0.32
					RSN4211_NIIGATA_NIG021NS	54.5	0.1463	0.5751	0.24
4218	Niigata, Japan	2004	6.63	9.79	RSN4218_NIIGATA_NIG028EW	41.3	0.2522	0.3837	0.82
					RSN4218_NIIGATA_NIG028NS	31.4	0.0746	0.4679	0.42
4219	Niigata, Japan	2004	6.63	9.46	RSN4219_NIIGATA_NIGH01EW	62.0	0.2246	0.7146	0.63
					RSN4219_NIIGATA_NIGH01NS	60.6	0.2442	0.5178	0.79
4228	Niigata, Japan	2004	6.63	8.93	RSN4228_NIIGATA_NIGH11EW	58.1	0.4668	0.6535	0.85
					RSN4228_NIIGATA_NIGH11NS	36.5	0.3437	0.5382	1.32
4352	Umbria Marche, Italy	1997	6	8.92	RSN4352_UBMARCHE_P_A-NCR000	32.7	0.3782	0.3462	0.70
					RSN4352_UBMARCHE_P_A-NCR270	28.3	0.2392	0.6195	0.46
4451	Montenegro, Yugo	1979	7.1	6.98	RSN4451_MONTENE_GRO_BSO000	41.3	0.3113	0.5457	1.11
					RSN4451_MONTENE_GRO_BSO090	52.9	0.4167	0.4200	1.43

4456	Montenegro, Yugo	1979	7.1	8.01	RSN4456_MONTENE_GRO_PHO000	38.7	0.1289	0.5044	0.88
					RSN4456_MONTENE_GRO_PHO090	25.3	0.0635	0.6827	0.53
4458	Montenegro, Yugo	1979	7.1	5.76	RSN4458_MONTENE_GRO_ULO000	43.6	0.3153	0.5360	1.41
					RSN4458_MONTENE_GRO_ULO090	51.6	0.5346	0.4973	1.54
4480	L'Aquila, Italy	2009	6.3	6.27	RSN4480_L-AQUILA_GX066XTE	40.5	0.4881	0.5989	0.78
					RSN4480_L-AQUILA_GX066YLN	42.9	0.3413	0.6011	0.47
4482	L'Aquila, Italy	2009	6.3	6.55	RSN4482_L-AQUILA_CU104XTE	32.1	0.5912	0.2562	0.93
					RSN4482_L-AQUILA_CU104YLN	27.0	0.2892	0.6334	0.53
4846	Chuetsu-oki	2007	6.8	31.43	RSN4846_CHUETSU_65009EW	17.5	0.1471	0.6349	0.74
					RSN4846_CHUETSU_65009NS	30.4	0.3230	0.5758	0.66
4847	Chuetsu-oki	2007	6.8	11.94	RSN4847_CHUETSU_65010EW	89.2	0.4239	0.6865	1.40
					RSN4847_CHUETSU_65010NS	49.0	0.4218	0.5425	2.32
4849	Chuetsu-oki	2007	6.8	22.18	RSN4849_CHUETSU_65012EW	38.6	0.1993	0.5644	1.44
					RSN4849_CHUETSU_65012NS	43.9	0.1731	0.5618	1.49
4850	Chuetsu-oki	2007	6.8	16.86	RSN4850_CHUETSU_65013EW	47.6	0.2998	0.6240	1.06
					RSN4850_CHUETSU_65013NS	52.0	0.3747	0.6013	1.67
4853	Chuetsu-oki	2007	6.8	27.9	RSN4853_CHUETSU_65019EW	40.4	0.1354	0.7983	1.09
					RSN4853_CHUETSU_65019NS	34.9	0.1952	0.6104	1.61
4856	Chuetsu-oki	2007	6.8	11.09	RSN4856_CHUETSU_65025EW	95.6	0.4924	0.6394	2.27
					RSN4856_CHUETSU_65025NS	94.8	0.4701	0.6123	2.45
4861	Chuetsu-oki	2007	6.8	19.89	RSN4861_CHUETSU_65034EW	30.0	0.0924	0.3918	1.78
					RSN4861_CHUETSU_65034NS	32.5	0.1544	0.7568	1.17
4863	Chuetsu-oki	2007	6.8	16.27	RSN4863_CHUETSU_65036EW	30.9	0.1249	0.4438	1.09
					RSN4863_CHUETSU_65036NS	35.6	0.1197	0.5560	0.76
4864	Chuetsu-oki	2007	6.8	16.1	RSN4864_CHUETSU_65037EW	20.6	0.0702	0.5334	0.70
					RSN4864_CHUETSU_65037NS	30.8	0.1741	0.4039	1.12
4865	Chuetsu-oki	2007	6.8	13.75	RSN4865_CHUETSU_65038EW	30.9	0.1985	0.4558	1.34
					RSN4865_CHUETSU_65038NS	35.4	0.1983	0.4758	1.40
4866	Chuetsu-oki	2007	6.8	11.75	RSN4866_CHUETSU_65039EW	35.1	0.2883	0.1760	2.60
					RSN4866_CHUETSU_65039NS	38.6	0.2827	0.4007	1.32
4868	Chuetsu-oki	2007	6.8	28.12	RSN4868_CHUETSU_65041EW	35.7	0.0510	0.5394	0.67
					RSN4868_CHUETSU_65041NS	31.9	0.1625	0.5962	0.67
4873	Chuetsu-oki	2007	6.8	20.03	RSN4873_CHUETSU_65056EW	22.8	0.0973	0.3984	0.94
					RSN4873_CHUETSU_65056NS	54.3	0.3492	0.3135	1.27
4874	Chuetsu-oki	2007	6.8	20	RSN4874_CHUETSU_65057EW	79.2	0.2871	0.5706	0.75
					RSN4874_CHUETSU_65057NS	50.3	0.2225	0.5859	0.62
4875	Chuetsu-oki	2007	6.8	12	RSN4875_CHUETSU_65058EW	102.6	0.3997	0.6389	2.43
					RSN4875_CHUETSU_65058NS	122.0	0.2765	0.5883	2.64
4876	Chuetsu-oki	2007	6.8	12.63	RSN4876_CHUETSU_65059EW	67.2	0.1162	0.6460	0.68
					RSN4876_CHUETSU_65059NS	73.6	0.1544	0.7607	0.65
4879	Chuetsu-oki	2007	6.8	18.97	RSN4879_CHUETSU_65084EW	33.8	0.3632	0.6436	1.15
					RSN4879_CHUETSU_65084NS	35.0	0.3354	0.5558	1.17

4886	Chuetsu-oki	2007	6.8	11.48	RSN4886_CHUETSU_6CB51EW	48.6	0.1993	0.5846	0.91
					RSN4886_CHUETSU_6CB51NS	43.3	0.2402	0.5660	0.79
4891	Chuetsu-oki	2007	6.8	66.44	RSN4891_CHUETSU_70026EW	40.6	0.2620	0.6182	0.88
					RSN4891_CHUETSU_70026NS	77.0	0.3331	0.5711	0.67
4894	Chuetsu-oki	2007	6.8	10.97	RSN4894_CHUETSU_1-G1EW	136.4	0.3003	0.6963	1.26
					RSN4894_CHUETSU_1-G1NS	110.5	0.3908	0.7167	1.42
4895	Chuetsu-oki	2007	6.8	10.97	RSN4895_CHUETSU_5-G1EW	92.4	0.2685	0.5554	1.26
					RSN4895_CHUETSU_5-G1NS	65.1	0.3075	0.4915	1.60
4896	Chuetsu-oki	2007	6.8	10.97	RSN4896_CHUETSU_SG01EW	125.3	0.4141	0.5157	2.36
					RSN4896_CHUETSU_SG01NS	90.0	0.3946	0.5550	1.62
5264	Chuetsu-oki	2007	6.8	10.78	RSN5264_CHUETSU_NIG018EW	83.9	0.4413	0.6675	2.13
					RSN5264_CHUETSU_NIG018NS	109.4	0.4273	0.6824	2.26
5265	Chuetsu-oki	2007	6.8	23.36	RSN5265_CHUETSU_NIG019EW	46.5	0.3136	0.4558	1.87
					RSN5265_CHUETSU_NIG019NS	21.3	0.0402	0.5771	0.44
5286	Chuetsu-oki	2007	6.8	33.57	RSN5286_CHUETSU_NIGH13EW	13.1	0.1093	0.4670	0.66
					RSN5286_CHUETSU_NIGH13NS	30.3	0.2992	0.5554	0.60
5482	Iwate	2008	6.9	17.94	RSN5482_IWATE_AKTH04EW	82.3	0.1615	0.5005	0.35
					RSN5482_IWATE_AKTH04NS	53.0	0.1915	0.7161	0.34
5656	Iwate	2008	6.9	5.18	RSN5656_IWATE_IWTH24EW	27.8	0.2221	0.5044	3.19
					RSN5656_IWATE_IWTH24NS	37.6	0.2325	0.5089	2.88
5657	Iwate	2008	6.9	4.8	RSN5657_IWATE_IWTH25EW	62.7	0.1159	0.2255	1.02
					RSN5657_IWATE_IWTH25NS	72.8	0.3347	0.2069	2.38
5658	Iwate	2008	6.9	6.02	RSN5658_IWATE_IWTH26EW	42.9	0.0735	0.5012	0.31
					RSN5658_IWATE_IWTH26NS	58.4	0.3768	0.1566	1.63
5663	Iwate	2008	6.9	20.18	RSN5663_IWATE_MYG004EW	40.2	0.1722	0.1383	3.46
					RSN5663_IWATE_MYG004NS	45.4	0.4184	0.0956	3.87
5664	Iwate	2008	6.9	13.47	RSN5664_IWATE_MYG005EW	33.2	0.0974	0.5837	2.45
					RSN5664_IWATE_MYG005NS	69.6	0.2017	0.5593	2.83
5665	Iwate	2008	6.9	30.39	RSN5665_IWATE_MYG006EW	41.0	0.0951	0.3284	2.41
					RSN5665_IWATE_MYG006NS	35.1	0.0911	0.2948	3.55
5774	Iwate	2008	6.9	29.38	RSN5774_IWATE_54008EW	22.7	0.1327	0.2344	3.49
					RSN5774_IWATE_54008NS	33.6	0.2860	0.5012	2.49
5778	Iwate	2008	6.9	40.98	RSN5778_IWATE_54012EW	37.1	0.1805	0.6427	0.78
					RSN5778_IWATE_54012NS	29.7	0.1807	0.6478	0.85
5780	Iwate	2008	6.9	20.78	RSN5780_IWATE_54015EW	37.0	0.2378	0.1907	2.51
					RSN5780_IWATE_54015NS	49.1	0.4706	0.2730	2.69
5786	Iwate	2008	6.9	34.52	RSN5786_IWATE_54038EW	47.9	0.2862	0.4100	3.61
					RSN5786_IWATE_54038NS	37.0	0.2190	0.4678	3.01
5801	Iwate	2008	6.9	36.87	RSN5801_IWATE_55442EW	38.8	0.3209	0.5260	3.24
					RSN5801_IWATE_55442NS	29.1	0.2171	0.6545	3.33
5810	Iwate	2008	6.9	24.1	RSN5810_IWATE_56362EW	40.0	0.3888	0.2354	4.02
					RSN5810_IWATE_56362NS	21.9	0.2155	0.5847	2.71

5813	Iwate	2008	6.9	7.85	RSN5813_IWATE_44B71EW	19.8	0.0664	0.8163	2.14
					RSN5813_IWATE_44B71NS	33.9	0.1666	0.6671	2.64
5814	Iwate	2008	6.9	31.08	RSN5814_IWATE_44B91EW	46.5	0.1573	0.2185	3.23
					RSN5814_IWATE_44B91NS	33.3	0.1051	0.4973	3.37
5818	Iwate	2008	6.9	12.85	RSN5818_IWATE_48A61EW	48.9	0.1039	0.3139	1.68
					RSN5818_IWATE_48A61NS	43.1	0.1617	0.1426	2.21
5823	El Mayor-Cucapah	2010	7.2	19.47	RSN5823_SIERRA_MEX_CHI000	38.3	0.2126	0.1201	7.57
					RSN5823_SIERRA_MEX_CHI090	34.0	0.1827	0.2954	4.93
5825	El Mayor-Cucapah	2010	7.2	10.92	RSN5825_SIERRA_MEX_GEO000	42.1	0.1408	0.3498	3.36
					RSN5825_SIERRA_MEX_GEO090	49.6	0.1627	0.1405	3.97
5827	El Mayor-Cucapah	2010	7.2	15.91	RSN5827_SIERRA_MEX_MDO000	61.6	0.2199	0.4073	2.60
					RSN5827_SIERRA_MEX_MDO090	43.5	0.1707	0.2398	2.44
5829	El Mayor-Cucapah	2010	7.2	13.71	RSN5829_SIERRA_MEX_RII000	52.5	0.3478	0.0917	4.81
					RSN5829_SIERRA_MEX_RII090	37.9	0.0442	0.7173	0.63
5831	El Mayor-Cucapah	2010	7.2	17.32	RSN5831_SIERRA_MEX_SAL000	45.7	0.0958	0.3782	3.20
					RSN5831_SIERRA_MEX_SAL090	36.8	0.2261	0.1489	5.68
5832	El Mayor-Cucapah	2010	7.2	26.55	RSN5832_SIERRA_MEX_TAM000	35.0	0.1180	0.6338	2.96
					RSN5832_SIERRA_MEX_TAM090	52.8	0.3909	0.4085	6.35
5837	El Mayor-Cucapah	2010	7.2	20.08	RSN5837_SIERRA_MEX_01711-90	47.6	0.2313	0.1898	5.88
					RSN5837_SIERRA_MEX_01711360	47.5	0.1887	0.3918	1.53
5975	El Mayor-Cucapah	2010	7.2	20.46	RSN5975_SIERRA_MEX_CXO090	40.5	0.2067	0.4724	6.17
					RSN5975_SIERRA_MEX_CXO360	38.4	0.1887	0.2883	4.36
5985	El Mayor-Cucapah	2010	7.2	23.42	RSN5985_SIERRA_MEX_EDA090	38.9	0.0667	0.4860	1.14
					RSN5985_SIERRA_MEX_EDA360	29.3	0.0562	0.4757	0.69
5988	El Mayor-Cucapah	2010	7.2	30.63	RSN5988_SIERRA_MEX_DRE-90	31.4	0.1482	0.1905	6.50
					RSN5988_SIERRA_MEX_DRE360	30.0	0.1741	0.6137	4.79
5991	El Mayor-Cucapah	2010	7.2	20.05	RSN5991_SIERRA_MEX_E10230	47.7	0.1646	0.1909	3.25
					RSN5991_SIERRA_MEX_E10320	45.6	0.0680	0.5155	0.57
5992	El Mayor-Cucapah	2010	7.2	16.21	RSN5992_SIERRA_MEX_E11090	63.2	0.1050	0.2840	2.69
					RSN5992_SIERRA_MEX_E11360	57.8	0.2513	0.1833	3.13
6005	El Mayor-Cucapah	2010	7.2	36.52	RSN6005_SIERRA_MEX_HVP090	22.7	0.2251	0.1768	6.26
					RSN6005_SIERRA_MEX_HVP360	33.1	0.1843	0.3255	6.36
6888	Darfield, New Zealand	2010	7	19.89	RSN6888_DARFIELD_CCCCN26W	59.2	0.2010	0.4785	2.23
					RSN6888_DARFIELD_CCCCN64E	33.5	0.3548	0.3897	2.50
6889	Darfield, New Zealand	2010	7	18.4	RSN6889_DARFIELD_CHHCN01W	67.2	0.3888	0.5828	4.61
					RSN6889_DARFIELD_CHHCS89W	21.6	0.2019	0.6367	2.97
6893	Darfield, New Zealand	2010	7	11.86	RSN6893_DARFIELD_DFHSS17E	40.0	0.2866	0.2864	3.32
					RSN6893_DARFIELD_DFHSS73W	29.8	0.2909	0.1247	5.78
6897	Darfield, New Zealand	2010	7	8.46	RSN6897_DARFIELD_DSLCN27W	39.4	0.5666	0.0783	5.98
					RSN6897_DARFIELD_DSLCN63E	67.3	0.4482	0.1483	5.40
6911	Darfield, New Zealand	2010	7	7.29	RSN6911_DARFIELD_HORCN18E	106.0	0.4357	0.5329	2.51
					RSN6911_DARFIELD_HORCS72E	69.9	0.3552	0.5001	1.35

6915	Darfield, New Zealand	2010	7	24.47	RSN6915_DARFIELD_HVSCS26W	42.4	0.4561	0.1901	3.42
					RSN6915_DARFIELD_HVSCS64E	22.7	0.0573	0.6367	0.28
6923	Darfield, New Zealand	2010	7	30.53	RSN6923_DARFIELD_KPOCN15E	40.2	0.3043	0.2880	6.92
					RSN6923_DARFIELD_KPOCS75E	32.8	0.1536	0.4597	2.51
6927	Darfield, New Zealand	2010	7	7.11	RSN6927_DARFIELD_LINC�23E	108.8	0.5862	0.1542	5.01
					RSN6927_DARFIELD_LINC�67W	57.0	0.2520	0.1451	2.03
6928	Darfield, New Zealand	2010	7	25.67	RSN6928_DARFIELD_LPCCN80E	17.7	0.2278	0.4669	1.04
					RSN6928_DARFIELD_LPCCS10E	30.3	0.5701	0.1089	5.54
6942	Darfield, New Zealand	2010	7	26.76	RSN6942_DARFIELD_NNBSS13E	56.5	0.5149	0.4774	3.71
					RSN6942_DARFIELD_NNBSS77W	26.3	0.2846	0.1164	3.99
6952	Darfield, New Zealand	2010	7	18.73	RSN6952_DARFIELD_PPHSS33W	51.3	0.2607	0.2597	3.49
					RSN6952_DARFIELD_PPHSS57E	78.1	0.2877	0.3520	3.53
6953	Darfield, New Zealand	2010	7	24.55	RSN6953_DARFIELD_PRPCS	56.2	0.4589	0.3121	3.73
					RSN6953_DARFIELD_PRPCW	29.4	0.3542	0.2348	3.71
6959	Darfield, New Zealand	2010	7	19.48	RSN6959_DARFIELD_REHSN02E	62.2	0.4051	0.3823	3.43
					RSN6959_DARFIELD_REHSS88E	26.6	0.0572	0.4795	0.79
6960	Darfield, New Zealand	2010	7	13.64	RSN6960_DARFIELD_RHSCN86W	30.5	0.2250	0.1783	4.06
					RSN6960_DARFIELD_RHSCS04W	62.7	0.3451	0.1774	3.56
6962	Darfield, New Zealand	2010	7	1.54	RSN6962_DARFIELD_ROLCS29E	85.8	0.6431	0.3520	4.52
					RSN6962_DARFIELD_ROLCS61W	57.0	0.3701	0.4553	2.63
6966	Darfield, New Zealand	2010	7	22.33	RSN6966_DARFIELD_SHLCS40W	37.6	0.3153	0.3323	3.55
					RSN6966_DARFIELD_SHLCS50E	57.8	0.3709	0.3287	3.38
6969	Darfield, New Zealand	2010	7	20.86	RSN6969_DARFIELD_SMTCN88W	38.7	0.1901	0.1855	3.50
					RSN6969_DARFIELD_SMTCS02W	60.2	0.3364	0.2083	6.02
6975	Darfield, New Zealand	2010	7	6.11	RSN6975_DARFIELD_TPLCN27W	76.3	0.3820	0.1495	7.59
					RSN6975_DARFIELD_TPLCS63W	45.8	0.4622	0.1357	5.76
8063	Christchurch, New Zealand	2011	6.2	5.55	RSN8063_CCHURCH_CBGSN89W	56.6	0.2170	0.3220	3.10
					RSN8063_CCHURCH_CBGSS01W	46.8	0.3141	0.4622	1.27
8064	Christchurch, New Zealand	2011	6.2	3.26	RSN8064_CCHURCH_CCCCN26W	54.5	0.3167	0.5720	1.73
					RSN8064_CCHURCH_CCCCN64E	68.3	0.3159	0.7688	1.26
8066	Christchurch, New Zealand	2011	6.2	4.85	RSN8066_CCHURCH_CHHCN01W	57.4	0.3142	0.4846	1.82
					RSN8066_CCHURCH_CHHCS89W	61.3	0.1998	0.7152	1.54
8090	Christchurch, New Zealand	2011	6.2	4.35	RSN8090_CCHURCH_HPSCN04W	26.9	0.3855	0.3620	3.39
					RSN8090_CCHURCH_HPSCS86W	49.2	0.5761	0.5045	4.93
8118	Christchurch, New Zealand	2011	6.2	9.06	RSN8118_CCHURCH_PPHSS33W	37.6	0.1843	0.5045	0.77
					RSN8118_CCHURCH_PPHSS57E	48.7	0.3536	0.4175	2.38
8119	Christchurch, New Zealand	2011	6.2	1.98	RSN8119_CCHURCH_PRPCS	81.3	0.6896	0.3721	2.76
					RSN8119_CCHURCH_PRPCW	96.7	0.7220	0.3841	2.84
8123	Christchurch, New Zealand	2011	6.2	5.13	RSN8123_CCHURCH_REHSN02E	48.3	0.2205	0.4765	1.43
					RSN8123_CCHURCH_REHSS88E	86.6	0.3486	0.5623	1.17
8124	Christchurch, New Zealand	2011	6.2	9.44	RSN8124_CCHURCH_RHSCN86W	33.5	0.4060	0.2439	2.12
					RSN8124_CCHURCH_RHSCS04W	25.2	0.1258	0.4622	0.56

8130	Christchurch, New Zealand	2011	6.2	5.6	RSN8130_CCHURCH_SHLCS40W	74.9	0.3814	0.4136	1.92
					RSN8130_CCHURCH_SHLCS50E	75.4	0.4443	0.3679	2.82
8134	Christchurch, New Zealand	2011	6.2	11.25	RSN8134_CCHURCH_SMTCN88W	35.6	0.3679	0.6029	1.13
					RSN8134_CCHURCH_SMTCS02W	23.9	0.2552	0.3363	1.88
8157	Christchurch, New Zealand	2011	6.2	3.36	RSN8157_CCHURCH_HVSCS26W	100.9	0.3759	0.4333	0.99
					RSN8157_CCHURCH_HVSCS64E	61.2	0.1800	0.6587	0.48
8158	Christchurch, New Zealand	2011	6.2	6.12	RSN8158_CCHURCH_LPCCN10W	40.3	0.5447	0.1836	1.64
					RSN8158_CCHURCH_LPCCS80W	41.5	0.3051	0.2667	0.92
8161	El Mayor- Cucapah	2010	7.2	11.26	RSN8161_SIERRA_MEX_E12090	70.2	0.3357	0.2262	5.27
					RSN8161_SIERRA_MEX_E12360	72.6	0.3304	0.2186	3.77
8164	Duzce, Turkey	1999	7.14	2.65	RSN8164_DUZCE_487-EW	29.0	0.2046	0.2441	1.82
					RSN8164_DUZCE_487-NS	38.9	0.3949	0.1023	5.19
8165	Duzce, Turkey	1999	7.14	4.21	RSN8165_DUZCE_496-EW	39.7	0.1480	0.2862	0.80
					RSN8165_DUZCE_496-NS	40.3	0.0319	0.7022	0.28
8606	El Mayor- Cucapah	2010	7.2	11.44	RSN8606_SIERRA_MEX_CIWESHNE	52.1	0.1429	0.5087	3.96
					RSN8606_SIERRA_MEX_CIWESHNN	55.3	0.4732	0.1291	6.59