



**Table 1.** Earthquake fault plane solutions. Abbreviations in reference column are as following: KOR2005, [1]; HUS2013, [2]; SAL2003, [3]; HOF2003, [4]; ENE1997, [5]; GCMT, [6]; BDW2014, [7]; MOR2011, [8]; PAL2013, [9]; EAH1989, [10]; ENE2007, [11]; MEG2004, [12]; AZM2016, [13]; RCMT, [14]; ENSN, [15]; ISC, [16]; ZURRMT, [17]; MOH2015, [18]; ISRNET, [19]; AAB2019, [20].

Date and Origin Time	Long.	Lat.	Depth (km)	Mw	Strike	Dip	Rake	Stress Group	Reference
1951-01-30T23:07:24	33.400	32.400	10.0	5.7	285	70	-120	nan	PAL2013
1955-09-12T06:09:24	30.000	32.500	33.0	6.4	259	61	46	nan	PAL2013
1955-11-12T05:32:nn	34.500	25.300	33.0	5.7	104	73	-53	nan	EAH1989
1956-03-16T19:32:00	35.300	33.300	33.0	5.9	280	90	-15	FMI-01	ISRNET
1956-03-16T19:43:28	35.500	33.300	0.0	5.1	288	50	12	FMI-01	ISRNET
1956-12-18T17:53:00	35.500	31.500	10.0	5.3	251	71	-113	FMI-03	PAL2013
1969-03-24T11:54:17	33.800	27.500	21.5	4.9	180	40	120	nan	ISRNET
1969-03-24T12:50:54	33.800	27.600	47.0	4.7	35	78	-80	FMI-07	ISRNET
1969-03-27T06:15:30	33.900	27.500	29.0	4.6	125	45	140	nan	PAL2013
1969-03-31T07:15:51	33.960	27.660	6.2	6.8	220	45	-110	FMI-07	ISRNET
1969-03-31T21:44:31	34.000	27.500	40.0	4.7	110	30	140	nan	ISRNET
1969-04-04T12:18:48	34.100	27.700	29.0	4.7	83	74	-103	FMI-07	GCMT
1969-04-08T10:31:52	33.700	27.500	8.2	5.0	250	70	-20	FMI-07	SAL2003
1969-04-23T13:37:21	33.900	27.600	16.2	4.7	255	80	-25	FMI-07	PAL2013
1969-05-10T09:27:58	34.200	27.500	25.0	4.6	237	39	-116	FMI-07	RCMT
1969-12-30T05:10:04	33.900	27.500	8.6	4.7	135	25	-90	FMI-07	GCMT
1970-04-28T03:20:38	33.600	27.700	18.0	4.7	65	90	20	FMI-08	SAL2003
1970-12-19T22:44:28	33.900	27.500	25.1	5.1	65	80	-86	FMI-07	PAL2013
1971-04-16T21:27:42	35.500	33.700	8.4	4.4	250	75	-40	nan	PAL2013
1971-07-08T23:40:56	33.700	27.200	35.6	5.1	160	25	-80	FMI-07	PAL2013
1972-01-12T08:15:44	33.700	27.500	36.0	5.2	155	30	-60	FMI-07	PAL2013
1972-06-28T09:49:36	33.800	27.700	12.0	5.5	260	30	-130	FMI-07	PAL2013
1973-03-05T23:59:50	33.400	27.740	36.3	4.9	50	72	-11	FMI-08	PAL2013
1974-04-29T20:04:39	31.600	30.600	22.6	4.7	110	90	-142	FMI-12	EAH1989
1978-12-09T07:12:52	26.350	23.950	7.2	5.3	241	58	150	nan	PAL2013
1979-04-23T13:01:56	35.590	30.540	15.0	5.1	197	40	-4	FMI-04	PAL2013
1981-11-14T09:05:35	32.380	23.880	15.0	5.8	146	72	-15	nan	PAL2013
1982-03-23T10:48:31	34.300	27.900	66.6	4.8	220	65	-40	FMI-05	PAL2013
1982-08-20T12:57:nn	32.600	23.610	5.2	4.2	144	80	16	FMI-06	PAL2013
1983-02-08T02:01:37	31.570	23.530	18.8	3.9	71	11	-121	nan	PAL2013
1983-02-08T16:03:25	32.690	23.690	18.4	3.1	98	72	-72	FMI-06	PAL2013
1983-06-03T02:04:40	35.730	33.850	7.7	4.7	200	55	-60	nan	PAL2013
1983-06-12T12:00:09	33.130	28.550	25.1	5.1	129	86	-10	FMI-09	PAL2013
1984-03-14T20:25:18	32.920	23.810	5.0	3.3	186	36	-48	nan	EAH1989
1984-03-29T21:36:07	32.190	30.210	8.0	5.2	245	70	-10	FMI-11	SAL2003
1984-04-11T10:20:17	32.540	23.530	18.4	4.0	253	88	-168	FMI-06	PAL2013
1984-05-30T10:16:nn	35.410	32.290	12.0	3.7	1	71	-26	FMI-02	ZURRMT
1984-07-02T01:47:10	34.530	25.250	10.0	5.1	128	49	-71	nan	EAH1989
1984-08-24T06:02:29	34.810	32.380	28.0	5.3	44	90	146	nan	PAL2013
1984-11-04T19:24:nn	35.390	32.120	2.0	3.9	100	60	-80	FMI-02	PAL2013
1984-11-05T01:15:26	35.350	32.130	4.0	4.2	250	70	-40	FMI-02	PAL2013
1985-01-25T06:08:03	35.510	31.900	27.0	4.5	185	10	70	FMI-02	PAL2013
1985-02-28T16:55:47	33.720	27.720	10.0	4.7	195	81	161	FMI-07	PAL2013
1985-04-06T11:38:38	32.830	23.590	24.8	3.2	83	87	-163	FMI-06	PAL2013
1985-12-31T19:42:41	34.900	29.130	9.0	5.1	261	64	-146	FMI-05	PAL2013
1987-01-02T10:14:46	32.220	30.460	20.0	5.0	136	80	-13	FMI-11	PAL2013
1987-04-09T03:00:04	28.970	32.390	10.0	4.5	269	67	-118	nan	PAL2013
1987-04-19T06:14:nn	35.500	31.080	---	3.1	101	81	-141	FMI-03	ISRNET
1987-04-27T20:41:46	35.470	31.270	10.0	4.2	190	80	170	FMI-03	PAL2013

1987-05-08T23:09:nn	35.490	31.090	---	3.3	5	87	-10	FMI-03	ISRNET
1987-06-28T00:50:20	24.490	32.550	15.0	5.3	62	85	-130	nan	ISRNET
1987-08-01T23:40:nn	35.260	30.550	---	3.3	149	27	-92	FMI-04	ISRNET
1987-10-23T16:32:31	35.340	31.190	10.0	4.3	0	82	-76	FMI-03	PAL2013
1988-01-01T19:36:nn	35.400	31.150	---	3.0	17	73	-40	FMI-03	PAL2013
1988-01-30T03:00:00	35.512	32.191	12.0	4.1	355	80	40	FMI-02	PAL2013
1988-02-05T19:06:00	35.223	30.502	15.0	3.7	25	40	-30	FMI-04	PAL2013
1988-02-09T00:49:nn	35.180	30.530	---	3.4	25	74	-44	FMI-04	SAL2003
1988-03-02T14:45:nn	34.740	33.110	24.0	3.6	141	85	-60	nan	EAH1989
1988-04-19T02:49:29	32.580	23.520	24.8	3.3	311	71	-59	FMI-06	RCMT
1988-05-13T22:48:43	35.607	33.165	10.0	3.4	345	55	-10	FMI-01	RCMT
1988-06-05T18:26:58	33.730	27.980	17.0	4.4	256	49	-80	FMI-08	ISRNET
1988-06-09T02:18:23	27.900	32.230	5.5	4.4	266	54	40	nan	SAL2003
1988-09-05T14:33:nn	34.580	33.050	25.0	3.9	311	82	40	nan	GCMT
1988-09-12T00:47:35	32.570	23.570	15.4	3.6	77	87	-159	FMI-06	PAL2013
1988-10-05T04:07:nn	34.270	30.390	---	3.2	95	37	-114	nan	PAL2013
1988-10-20T12:28:nn	35.290	30.550	---	3.0	27	56	-57	FMI-04	PAL2013
1989-01-03T17:10:46	35.477	32.464	10.0	3.6	125	60	-60	FMI-02	PAL2013
1989-01-06T10:59:nn	35.480	32.450	---	3.7	291	31	-100	FMI-02	PAL2013
1989-03-29T18:14:nn	35.050	30.310	---	3.5	347	82	-23	FMI-04	PAL2013
1989-03-31T00:44:15	37.520	31.860	33.0	4.7	135	40	80	nan	PAL2013
1989-05-23T04:31:nn	35.220	30.540	---	3.3	235	64	-119	FMI-04	EAH1989
1989-07-08T05:41:49	32.550	23.540	18.2	3.9	345	89	-10	FMI-06	PAL2013
1989-09-09T05:16:nn	34.820	28.570	---	4.3	115	50	-110	FMI-05	PAL2013
1990-07-20T08:17:02	32.700	23.640	5.8	3.6	78	86	-173	FMI-06	ISRNET
1990-07-25T19:28:nn	35.270	30.700	---	3.4	210	86	1	FMI-04	ISRNET
1990-08-02T08:11:56	32.500	23.510	17.5	3.4	349	84	-12	FMI-06	GCMT
1990-12-07T20:24:nn	35.280	32.460	12.0	3.6	301	35	-59	FMI-02	MOH2015
1991-03-01T07:51:nn	35.190	33.740	12.0	3.7	130	85	10	nan	MOH2015
1991-06-14T12:31:11	32.710	23.650	18.0	3.2	240	89	-177	FMI-06	PAL2013
1991-10-05T18:48:26	32.580	29.520	31.0	4.1	283	50	-132	FMI-10	ENSF
1991-12-29T01:38:nn	35.490	32.090	12.0	3.7	120	70	-40	FMI-02	AZM2016
1992-01-11T03:46:nn	35.390	31.240	---	3.7	13	69	-43	FMI-03	MOH2015
1992-04-08T16:48:46	32.500	23.510	20.8	3.1	256	82	-171	FMI-06	AAB2019
1992-05-22T23:10:nn	32.010	30.180	8.0	3.9	60	85	-130	FMI-11	PAL2013
1992-06-26T17:17:nn	35.500	31.070	---	3.2	14	84	-19	FMI-03	HOF2003
1992-07-29T05:30:nn	35.470	32.350	11.0	3.8	349	81	-5	FMI-02	PAL2013
1992-08-10T01:43:10	33.000	24.000	18.4	3.4	84	49	179	nan	AAB2019
1992-09-06T10:29:nn	35.490	33.340	---	3.5	152	89	-20	FMI-01	PAL2013
1992-09-19T13:50:nn	32.860	23.660	8.5	3.1	142	82	-19	FMI-06	HUS2013
1992-10-07T21:41:nn	35.330	30.490	---	3.6	207	89	12	FMI-04	PAL2013
1992-10-12T13:09:56	31.144	29.778	26.0	5.8	156	36	-43	FMI-13	PAL2013
1992-10-19T12:30:nn	31.130	29.650	21.5	3.0	141	63	-51	FMI-13	PAL2013
1992-10-20T10:30:nn	33.160	28.510	10.0	3.6	157	78	-51	FMI-09	PAL2013
1992-10-22T17:38:nn	31.110	29.620	10.0	3.8	278	66	-107	FMI-13	PAL2013
1992-10-25T19:45:nn	31.140	29.720	22.5	3.0	144	55	-51	FMI-13	AAB2019
1992-10-26T06:45:nn	31.100	29.720	29.9	3.0	260	81	-165	FMI-13	AAB2019
1992-10-27T11:02:44	33.180	28.780	17.0	3.7	155	57	-66	FMI-09	PAL2013
1992-11-04T16:29:nn	31.130	29.720	19.6	3.3	312	54	-59	FMI-13	PAL2013
1992-11-05T18:41:nn	31.130	29.680	16.0	3.9	254	83	-155	FMI-13	PAL2013
1992-11-06T02:42:nn	31.130	29.700	18.0	3.5	296	61	-66	FMI-13	PAL2013
1992-11-07T01:35:nn	31.130	29.670	21.0	3.3	243	74	-121	FMI-13	PAL2013
1992-11-10T11:17:nn	31.130	29.660	17.8	3.8	263	77	-138	FMI-13	PAL2013
1993-03-10T19:26:nn	31.120	29.730	18.2	3.6	113	59	-79	FMI-13	PAL2013
1993-03-26T06:57:nn	35.270	32.160	12.0	3.6	330	85	20	FMI-02	ENE1997
1993-05-04T20:56:nn	31.120	29.680	21.0	3.5	267	79	-154	FMI-13	PAL2013
1993-05-13T08:38:nn	31.090	29.690	21.7	3.5	132	66	-64	FMI-13	PAL2013
1993-05-24T21:46:22	32.000	29.000	12.0	3.2	144	48	-34	nan	PAL2013

1993-06-13T06:16:nn	31.120	29.670	17.6	3.7	135	63	-50	FMI-13	PAL2013
1993-07-03T23:34:nn	34.820	28.860	18.0	4.4	84	72	-151	FMI-05	PAL2013
1993-07-30T23:34:10	35.000	29.000	10.4	4.6	343	63	-20	FMI-05	ENE2007
1993-08-02T09:12:nn	35.520	31.500	---	4.1	244	76	-158	FMI-03	ISRNET
1993-08-03T01:00:nn	34.750	28.780	---	5.8	321	67	-163	FMI-05	PAL2013
1993-08-03T12:43:14	34.400	28.620	15.0	6.1	139	36	-122	FMI-05	PAL2013
1993-08-03T13:00:nn	34.590	28.790	---	5.4	267	62	172	FMI-05	HOF2003
1993-08-03T16:33:24	34.080	28.360	15.0	5.7	142	13	-123	nan	AAB2019
1993-08-07T04:55:40	35.000	29.000	22.6	4.1	328	67	-16	FMI-05	PAL2013
1993-08-07T21:54:nn	34.630	28.610	10.0	3.9	86	76	-146	FMI-05	PAL2013
1993-08-20T23:09:59	34.610	28.720	6.0	4.2	74	80	-150	FMI-05	PAL2013
1993-10-24T05:28:45	32.210	30.540	12.0	3.3	90	54	-86	FMI-11	PAL2013
1993-11-03T18:39:32	34.637	28.676	9.7	5.1	325	69	-47	FMI-05	ENE1997
1993-11-08T00:00:nn	34.650	28.690	8.0	4.8	242	55	167	FMI-05	PAL2013
1993-12-04T23:34:14	34.800	28.890	19.2	5.0	113	60	-138	FMI-05	PAL2013
1994-07-11T13:31:nn	35.490	31.660	---	3.0	7	85	-16	FMI-03	PAL2013
1994-09-16T03:18:nn	35.050	32.050	19.0	4.3	13	72	3	nan	ISRNET
1994-09-26T17:27:19	34.020	27.750	19.0	4.1	321	89	-50	nan	ENE1997
1994-09-28T09:38:37	32.080	30.250	23.0	3.5	23	52	-6	FMI-11	AAB2019
1994-11-04T06:00:48	34.000	27.000	10.0	3.0	323	88	-60	nan	PAL2013
1994-11-21T09:00:25	32.720	23.560	18.0	3.6	250	89	175	FMI-06	PAL2013
1994-11-28T09:42:01	32.730	23.540	10.5	3.7	68	86	-177	FMI-06	PAL2013
1995-02-05T07:11:52	32.490	23.510	18.0	3.5	80	88	-175	FMI-06	PAL2013
1995-02-26T08:36:27	34.416	27.913	10.0	4.6	7	67	-42	FMI-05	PAL2013
1995-03-13T10:12:nn	32.770	23.580	3.0	3.0	68	84	-147	FMI-06	PAL2013
1995-03-15T09:20:35	33.850	27.710	20.0	3.2	150	62	-51	FMI-07	PAL2013
1995-04-06T05:25:04	33.860	27.600	16.0	4.0	321	47	-99	FMI-07	PAL2013
1995-04-26T10:00:nn	35.900	33.910	3.8	4.4	211	80	-175	nan	PAL2013
1995-05-08T19:08:nn	35.670	32.860	3.8	3.4	256	55	-110	FMI-01	PAL2013
1995-08-08T00:15:nn	35.650	32.500	3.8	3.8	291	45	-110	nan	PAL2013
1995-08-09T20:30:nn	33.760	27.660	14.0	3.4	81	52	-84	FMI-07	PAL2013
1995-08-25T05:25:nn	35.430	31.330	---	3.2	297	84	-171	FMI-03	PAL2013
1995-09-08T12:13:22	32.230	29.700	13.0	4.0	166	62	-69	FMI-10	PAL2013
1995-11-22T04:15:26	34.730	29.070	18.4	7.2	196	59	-15	nan	PAL2013
1995-11-22T08:58:nn	34.930	29.210	9.0	4.3	292	46	-103	FMI-05	HUS2013
1995-11-22T09:15:nn	36.060	33.440	16.6	3.5	11	55	0	nan	ENE1997
1995-11-22T11:37:nn	34.620	28.820	12.0	4.3	150	53	-108	FMI-05	PAL2013
1995-11-22T12:47:nn	34.750	28.450	9.0	5.1	20	89	-12	FMI-05	PAL2013
1995-11-22T12:53:nn	34.700	29.110	2.0	4.3	280	88	100	FMI-05	PAL2013
1995-11-22T18:07:15	34.740	29.300	15.0	5.7	20	85	-12	FMI-05	PAL2013
1995-11-22T20:02:nn	34.780	29.170	2.0	4.6	89	49	64	FMI-05	PAL2013
1995-11-22T22:16:56	34.210	28.320	15.0	5.3	202	67	-3	FMI-05	BDW2014
1995-11-23T01:17:nn	34.770	29.350	18.0	3.7	102	75	-162	FMI-05	ENE1997
1995-11-23T03:05:nn	34.750	28.640	18.0	4.4	331	88	-4	FMI-05	HUS2013
1995-11-23T18:07:26	34.480	29.310	15.0	5.7	199	77	7	FMI-05	ENE1997
1995-11-23T22:28:nn	34.710	28.350	6.0	4.3	108	48	68	FMI-05	HOF2003
1995-11-24T04:09:nn	34.790	28.940	9.0	3.1	155	57	-134	FMI-05	AAB2019
1995-11-24T04:28:nn	34.850	28.820	3.0	3.7	19	77	87	FMI-05	HUS2013
1995-11-24T09:24:nn	34.690	28.390	18.0	4.0	61	89	3	FMI-05	PAL2013
1995-11-24T10:32:nn	34.870	29.320	6.0	4.4	104	46	81	FMI-05	PAL2013
1995-11-24T16:43:nn	34.740	28.970	10.0	4.6	159	83	149	FMI-05	SAL2003
1995-11-24T22:26:nn	34.740	29.200	6.0	3.7	11	48	100	FMI-05	ENE1997
1995-11-25T06:08:nn	34.890	29.180	3.0	4.3	288	46	-88	FMI-05	PAL2013
1995-11-25T11:41:nn	34.750	29.150	6.0	4.4	22	49	-81	FMI-05	SAL2003
1995-11-25T14:10:nn	34.700	28.660	9.0	4.0	118	89	-177	FMI-05	ENE1997
1995-11-26T02:17:nn	34.730	28.840	15.0	3.6	131	79	20	FMI-05	GCMT
1995-11-26T02:39:nn	34.720	28.670	15.0	3.9	156	88	-172	FMI-05	GCMT
1995-11-26T11:36:nn	34.720	29.130	12.0	3.9	144	85	174	FMI-05	GCMT

1995-11-27T03:05:nn	34.710	28.590	6.0	3.8	310	70	34	FMI-05	PAL2013
1995-11-27T12:44:nn	34.730	29.080	30.0	4.3	231	89	1	FMI-05	ISRNET
1995-11-28T20:32:nn	34.750	28.810	9.0	3.8	342	53	98	FMI-05	GCMT
1995-11-28T21:10:nn	34.750	29.230	18.0	3.9	149	89	-177	FMI-05	GCMT
1995-12-01T09:17:nn	34.730	28.670	9.0	4.3	229	61	-38	FMI-05	GCMT
1995-12-01T20:05:nn	34.750	29.290	3.0	4.3	200	50	-59	FMI-05	PAL2013
1995-12-01T21:18:nn	34.880	29.280	27.0	3.6	263	88	-166	FMI-05	GCMT
1995-12-02T00:47:nn	34.800	29.370	6.0	4.1	341	48	-103	FMI-05	ENE1997
1995-12-04T07:34:nn	34.690	28.550	3.0	4.0	308	80	-138	FMI-05	AAB2019
1995-12-06T17:57:nn	34.770	28.700	2.0	4.4	284	89	37	FMI-05	ENE1997
1995-12-08T04:12:nn	34.800	28.790	18.0	4.4	335	47	-87	FMI-05	ENE1997
1995-12-10T15:32:nn	34.820	28.570	6.0	3.9	301	51	-110	FMI-05	ENE1997
1995-12-11T01:32:nn	34.860	29.200	24.0	5.2	339	79	164	FMI-05	ENE1997
1995-12-11T10:54:nn	34.490	28.490	30.0	4.1	71	89	178	FMI-05	ENE1997
1995-12-11T13:20:nn	34.750	28.920	19.0	4.7	339	79	164	FMI-05	ENE1997
1995-12-11T18:35:nn	34.780	28.660	2.0	4.2	147	58	-132	FMI-05	ENSN
1995-12-11T19:08:nn	34.000	27.610	19.0	4.7	146	48	-70	FMI-07	ENE1997
1995-12-14T03:53:nn	34.790	28.590	3.0	4.0	257	52	-119	FMI-05	AAB2019
1995-12-15T06:00:nn	34.810	28.560	18.0	3.8	76	87	164	FMI-05	AAB2019
1995-12-19T12:32:nn	34.750	28.500	30.0	4.2	117	85	-167	FMI-05	AZM2016
1995-12-23T06:28:nn	34.830	29.150	12.0	4.3	309	71	-141	FMI-05	ENE1997
1995-12-26T06:19:nn	34.610	28.890	12.0	4.5	313	69	-141	FMI-05	AAB2019
1996-01-03T19:14:nn	34.760	28.840	15.0	3.9	160	48	-95	FMI-05	AAB2019
1996-01-04T10:05:nn	34.720	28.680	6.0	4.5	255	51	-79	FMI-05	ENE1997
1996-01-08T13:18:nn	34.820	29.380	6.0	3.6	180	47	-84	FMI-05	AZM2016
1996-01-14T17:47:nn	34.690	28.720	12.0	3.5	298	82	165	FMI-05	ENE1997
1996-01-16Tnn:nn:nn	34.730	29.340	6.0	4.0	8	46	-90	FMI-05	ENE1997
1996-01-17T06:17:nn	34.730	29.340	6.0	4.3	8	46	-90	FMI-05	AAB2019
1996-01-24T11:35:36	31.770	30.060	10.0	3.0	267	9	-26	FMI-12	ENE1997
1996-02-03T13:15:nn	34.740	28.830	6.0	3.9	89	72	-156	FMI-05	ENE2007
1996-02-03T14:42:nn	34.750	29.240	2.0	4.2	209	49	-68	FMI-05	ENE2007
1996-02-05T07:23:nn	34.940	29.450	6.0	3.6	270	64	-76	FMI-05	AAB2019
1996-02-05T16:20:nn	34.740	29.350	6.0	3.9	14	46	-89	FMI-05	AZM2016
1996-02-21T04:59:57	34.370	29.030	15.0	5.3	132	30	-104	FMI-05	ENE1997
1996-02-27T07:17:nn	34.640	28.890	9.0	4.8	188	89	1	FMI-05	AZM2016
1996-03-18T14:23:nn	34.660	28.870	9.0	3.7	324	48	-91	FMI-05	ENE2007
1996-05-09T20:26:11	32.566	29.566	14.0	3.3	326	64	-75	FMI-10	ENE1997
1996-06-02T16:07:nn	34.770	28.830	15.0	3.9	132	53	-98	FMI-05	BDW2014
1996-07-04T20:11:nn	34.870	29.230	24.0	3.8	292	74	-159	FMI-05	ENE2007
1996-09-15T05:18:11	33.600	28.250	6.0	4.0	122	77	-109	nan	ENE2007
1996-11-11T16:02:nn	32.250	30.310	6.0	3.6	94	71	-90	FMI-11	ENSN
1996-11-12T03:17:nn	32.250	30.500	6.0	3.7	80	84	-128	FMI-11	ENE2007
1996-11-14T21:42:04	32.260	30.280	6.0	3.3	91	66	-92	FMI-11	ENE2007
1996-12-01T10:57:nn	35.547	33.713	9.0	3.3	64	88	-175	nan	AAB2019
1996-12-03T19:43:nn	35.581	33.702	9.0	3.2	260	89	164	nan	MEG2004
1996-12-03T22:13:nn	35.340	33.270	3.8	3.3	196	89	-25	FMI-01	ENSN
1996-12-17T07:21:nn	33.770	27.630	15.0	3.6	243	72	-154	FMI-07	ENE2007
1996-12-17T11:31:nn	33.760	27.640	12.0	3.9	134	60	-99	FMI-07	ENE2007
1996-12-17T14:31:nn	33.790	27.650	9.0	3.0	126	82	-134	FMI-08	ENE1997
1996-12-20T07:21:20	33.040	27.750	24.0	4.2	123	65	-63	FMI-08	ENSN
1997-03-08T15:21:02	34.290	27.600	10.0	4.6	61	47	-156	FMI-07	AAB2019
1997-03-26T04:21:51	35.490	33.100	10.0	5.1	104	35	-167	FMI-01	MEG2004
1997-03-26T13:20:22	35.700	33.530	10.0	4.6	87	43	-179	nan	AAB2019
1997-05-10T23:01:nn	34.610	28.280	10.0	4.6	114	89	149	FMI-05	ENSN
1997-06-09T21:09:nn	33.280	27.690	11.0	3.7	204	71	-59	FMI-08	ENE2007
1998-02-13T19:11:nn	35.809	33.741	9.0	3.3	26	78	27	nan	AAB2019
1998-02-25T03:35:nn	35.840	33.280	3.8	3.2	206	50	-135	nan	AAB2019
1998-05-28T18:33:33	27.360	31.390	39.0	5.5	154	44	89	nan	AAB2019

1998-06-20T02:27:nn	32.230	30.420	14.0	3.0	312	22	-62	FMI-10	ENSN
1998-09-01T04:31:nn	36.470	33.850	3.8	3.7	256	65	-155	nan	ENE2007
1998-10-07T18:47:34	25.480	33.890	15.0	5.1	150	82	168	nan	RCMT
1998-12-14T21:15:28	31.220	26.440	18.0	4.4	334	61	46	nan	AAB2019
1999-01-25T14:40:26	25.750	33.910	19.9	5.0	305	44	124	nan	SAL2003
1999-02-08T09:13:nn	35.140	33.500	17.6	4.0	341	44	0	nan	SAL2003
1999-04-03T16:01:nn	31.090	29.600	23.0	3.1	94	77	-38	FMI-13	SAL2003
1999-04-30T23:28:00	31.150	26.480	10.0	3.9	336	69	41	nan	SAL2003
1999-05-28T04:21:nn	31.150	29.640	19.0	3.0	155	71	-16	nan	AZM2016
1999-10-11T20:39:31	31.530	28.700	19.0	4.4	154	73	-16	nan	SAL2003
1999-10-20T13:44:07	30.340	27.330	11.8	4.0	312	50	15	nan	SAL2003
1999-10-28T15:39:nn	34.983	30.400	12.0	3.8	204	66	-151	FMI-04	GCMT
1999-11-18T07:58:50	30.880	26.430	8.6	3.4	340	66	40	nan	SAL2003
1999-12-23T08:53:nn	33.810	27.530	9.0	3.7	324	79	-141	FMI-07	SAL2003
1999-12-28T12:05:11	31.450	30.290	19.1	4.5	137	59	-39	FMI-12	SAL2003
1999-12-28T16:29:nn	31.440	30.260	18.0	3.1	163	58	25	FMI-12	SAL2003
2000-01-24T17:28:nn	31.110	29.640	27.0	3.0	166	69	-13	nan	HOF2003
2000-03-08T14:22:28	34.700	28.770	7.0	4.8	303	80	-120	FMI-05	SAL2003
2000-04-06T06:37:34	34.830	28.780	12.0	4.4	165	54	-68	FMI-05	MEG2004
2000-05-09T18:43:32	33.120	28.550	7.0	3.0	144	77	-34	FMI-09	AAB2019
2000-06-25T19:18:49	33.480	28.210	18.0	4.3	257	52	-129	FMI-08	AAB2019
2000-06-29T14:44:50	31.600	29.530	8.0	3.5	286	35	-93	nan	ENSN
2000-08-27T06:47:nn	35.600	33.900	7.7	4.1	86	60	-180	nan	AAB2019
2000-10-03T03:10:46	31.100	29.670	23.5	3.2	348	74	-37	FMI-13	MEG2004
2000-10-16T01:30:02	32.710	23.680	3.0	3.8	336	85	-6	FMI-06	ENE2007
2000-10-18T17:40:30	32.710	23.670	13.0	4.0	59	81	-171	FMI-06	ENE1997
2000-11-03T21:19:03	32.840	28.930	23.0	4.4	117	41	-90	FMI-09	ENE2007
2000-12-16T14:27:07	32.980	33.660	46.9	4.4	93	73	-6	nan	ENE1997
2000-12-25T01:58:nn	35.010	28.610	15.0	4.1	97	85	172	FMI-05	SAL2003
2000-12-28T18:54:nn	31.050	29.660	22.0	3.1	315	69	-57	FMI-13	HUS2013
2000-12-29T10:13:38	31.100	30.310	27.0	3.2	50	69	-175	FMI-12	ISC
2001-01-05T19:00:37	33.160	28.670	12.0	3.9	167	57	-66	FMI-09	MOR2011
2001-02-07T03:39:00	35.010	29.260	21.0	3.6	135	85	-170	FMI-05	ENE2007
2001-02-24T14:44:04	31.060	29.610	21.3	3.5	156	72	-63	FMI-13	ENE2007
2001-04-20T00:18:09	25.501	33.653	30.0	4.3	254	89	-5	nan	ENE2007
2001-06-12T12:43:nn	31.120	29.620	31.1	3.9	61	53	-96	FMI-13	MOH2015
2001-06-12T13:43:27	31.120	29.660	17.1	3.9	115	70	-60	FMI-13	ENE2007
2001-08-07T18:47:12	30.620	29.950	10.4	3.2	25	18	-33	FMI-14	MOR2011
2001-08-18T05:48:59	34.014	27.471	6.5	3.6	232	55	-30	FMI-07	MOR2011
2001-08-19T16:00:25	33.950	27.500	20.3	3.4	6	62	-131	FMI-07	AAB2019
2001-08-20T02:57:11	33.961	27.451	3.9	3.4	261	60	-19	FMI-07	ENE2007
2001-08-20T15:55:10	33.955	27.450	10.0	3.1	197	66	-33	FMI-07	AAB2019
2001-08-20T16:31:52	34.009	27.432	3.9	4.5	247	62	-22	FMI-07	ENE2007
2001-08-20T17:24:35	33.970	27.480	16.0	4.5	79	76	-23	FMI-07	ISRNET
2001-09-05T18:26:nn	32.170	29.960	18.0	3.0	102	71	-69	FMI-10	MOR2011
2001-10-08T11:25:nn	35.280	30.470	21.0	3.7	87	52	-88	FMI-04	ENE2007
2001-10-16T07:38:09	32.550	30.020	11.0	3.0	128	62	-136	FMI-10	BDW2014
2001-11-04T17:23:29	25.500	34.000	33.0	4.8	296	37	111	nan	BDW2014
2001-11-19T20:21:nn	31.750	30.260	18.0	3.4	158	78	-9	FMI-12	HUS2013
2001-12-17T04:25:33	30.870	29.560	10.9	4.1	125	48	-101	nan	BDW2014
2002-01-28T02:05:28	31.820	28.730	14.6	3.1	178	66	-39	nan	BDW2014
2002-02-13T18:52:10	33.670	28.000	16.0	3.9	94	63	-131	FMI-08	ENE2007
2002-02-24T09:56:nn	35.469	32.069	2.0	3.0	135	54	-88	FMI-02	ENE2007
2002-05-21T09:39:36	32.700	23.570	3.0	3.8	240	82	-162	FMI-06	ENE2007
2002-06-22T19:55:13	31.080	29.660	24.0	3.0	315	67	-56	FMI-13	MOR2011
2002-06-30T02:36:00	31.250	28.600	17.0	3.1	310	48	-44	nan	AAB2019
2002-07-16T06:56:25	24.570	33.570	30.3	4.6	179	72	-14	nan	MOR2011
2002-08-07T12:29:37	31.120	29.880	20.0	3.5	270	62	-101	FMI-13	AAB2019

2002-08-18Tnn:nn:nn	30.650	29.750	5.0	3.1	245	76	-159	FMI-14	ENE1997
2002-08-24T20:01:21	31.350	30.140	19.0	4.7	153	62	11	FMI-12	AAB2019
2002-09-18T14:56:59	29.880	27.490	10.0	3.5	343	57	-13	nan	BDW2014
2002-10-25T18:04:41	33.620	27.530	12.0	3.6	223	79	-157	FMI-07	BDW2014
2002-11-10T00:59:45	34.620	28.230	24.0	3.9	319	60	-122	FMI-05	HUS2013
2002-12-05T02:21:48	32.220	30.020	24.0	3.0	44	61	28	FMI-10	HUS2013
2002-12-05T19:14:nn	32.350	29.850	18.0	3.0	350	89	5	FMI-10	AAB2019
2002-12-07T12:13:23	34.740	27.290	4.0	3.4	330	62	-49	FMI-07	AAB2019
2003-01-06T12:35:26	32.140	29.650	21.0	3.1	16	46	-10	FMI-10	AAB2019
2003-01-15T11:31:28	32.630	28.920	4.8	3.2	318	55	-84	FMI-09	HUS2013
2003-04-01T15:34:42	32.880	28.510	7.5	3.2	310	65	-101	FMI-09	HUS2013
2003-04-22T20:02:53	32.750	28.990	14.0	3.4	174	66	-51	FMI-09	HUS2013
2003-05-18T06:27:50	30.650	29.750	7.7	3.5	41	32	-36	FMI-14	AAB2019
2003-06-04T09:14:49	32.010	27.100	10.0	3.6	292	44	-85	nan	HUS2013
2003-07-03T15:51:47	32.340	29.820	8.4	3.0	179	61	-5	FMI-10	ENE1997
2003-09-02T18:30:nn	32.360	29.820	5.6	3.0	350	57	-40	FMI-10	SAL2003
2003-09-09T08:39:02	32.740	28.920	14.0	3.0	118	58	-48	FMI-09	HUS2013
2003-09-10T21:48:03	32.340	29.840	4.0	3.1	323	46	-54	FMI-10	BDW2014
2003-09-11T15:14:33	32.350	29.820	4.0	3.0	90	68	-133	FMI-10	ISC
2003-10-11T02:28:nn	33.800	28.030	16.0	3.6	261	63	-60	FMI-08	BDW2014
2003-12-31T20:44:nn	35.513	31.503	18.0	3.5	270	81	-171	FMI-03	BDW2014
2004-02-03T08:28:nn	34.500	25.300	9.7	3.6	136	64	-51	nan	HUS2013
2004-02-11T08:15:06	35.310	31.620	26.1	5.3	340	50	-15	FMI-03	BDW2014
2004-02-13T07:02:nn	35.540	31.701	15.0	3.4	88	55	-105	FMI-03	BDW2014
2004-03-15T23:49:nn	35.533	31.367	12.0	3.8	278	89	168	FMI-03	HUS2013
2004-03-25T02:48:36	31.740	30.540	24.7	3.4	101	47	-115	FMI-12	ENE1997
2004-04-27T11:20:40	34.560	27.400	11.0	3.3	139	77	-34	FMI-07	ENE1997
2004-05-31T23:52:nn	35.481	32.034	3.0	3.2	313	59	-128	FMI-02	ENE2007
2004-06-03T09:32:35	34.350	26.876	12.0	4.3	320	56	-112	nan	ENE1997
2004-06-22T14:39:59	36.850	27.960	15.0	5.1	136	30	-93	nan	BDW2014
2004-07-06T12:13:51	32.530	29.500	25.0	3.3	323	52	-71	FMI-10	BDW2014
2004-07-07T14:35:08	35.574	31.964	18.0	4.5	183	79	16	FMI-02	BDW2014
2004-07-20T21:42:nn	35.255	32.464	30.0	3.5	331	86	-15	FMI-02	ENE1997
2004-08-03T04:27:10	32.620	23.640	4.0	3.4	290	51	140	FMI-06	ENE1997
2004-08-05T17:39:15	34.320	27.630	10.0	4.0	191	77	-34	FMI-07	ENE1997
2004-08-08T12:42:nn	35.257	32.470	21.0	3.7	337	69	-39	FMI-02	ENE2007
2004-08-12T13:43:nn	34.510	25.270	5.6	3.3	318	34	52	nan	ENE1997
2004-08-15T08:32:nn	34.510	25.280	6.8	3.0	223	55	78	nan	BDW2014
2004-08-16T22:42:50	32.780	28.940	7.0	3.0	182	76	-48	FMI-09	ENE1997
2004-09-22T12:00:23	34.600	28.450	10.3	3.2	216	50	-43	FMI-05	ENE1997
2004-09-27T13:30:nn	32.600	23.590	3.4	3.5	289	59	-104	FMI-06	ENE1997
2004-11-06T14:16:20	34.510	25.280	10.7	3.1	158	72	-63	nan	ENE1997
2004-11-28T21:50:04	31.670	30.340	13.2	3.3	26	51	-34	FMI-12	ENE1997
2004-11-29T17:45:nn	31.950	29.640	9.3	3.0	1	81	-3	nan	ENE1997
2005-01-20T13:41:nn	34.660	28.500	18.8	3.0	41	43	-56	FMI-05	ENSN
2005-02-07T10:26:nn	35.500	31.157	6.0	3.4	278	88	176	FMI-03	ENSN
2005-05-30T09:20:09	26.060	33.920	40.1	4.7	306	33	116	nan	ENSN
2005-06-01T03:27:nn	35.414	31.294	12.0	3.4	338	47	-79	FMI-03	GCMT
2005-07-07T06:20:27	31.840	29.880	21.1	3.3	126	32	-70	nan	MOH2015
2005-07-31Tnn:nn:nn	31.120	29.670	22.7	3.9	166	60	-54	FMI-13	ENSN
2005-09-02T07:42:30	25.740	33.940	23.4	5.1	138	80	178	nan	ENE2007
2005-09-03T06:02:38	25.800	33.800	16.6	4.6	204	76	-43	nan	MOH2015
2005-09-07T08:35:nn	35.561	32.181	24.0	3.3	80	86	158	FMI-02	AAB2019
2005-10-03T04:05:nn	35.591	32.035	15.0	3.8	73	88	157	FMI-02	MOH2015
2006-01-13T03:28:nn	34.570	25.300	13.6	3.7	141	62	-65	nan	ENSN
2006-09-09T04:58:nn	35.485	32.019	2.0	4.4	324	48	-96	FMI-02	BDW2014
2006-09-17T08:22:nn	35.466	32.024	2.0	3.5	308	53	-110	FMI-02	MOH2015
2006-09-28T06:32:nn	33.100	28.470	13.6	3.2	308	53	-63	FMI-09	MOH2015

2006-11-08T04:32:10	31.420	28.820	12.0	4.3	80	62	-126	nan	GCMT
2006-11-18T02:57:nn	35.419	32.035	2.0	3.6	132	48	-104	FMI-02	GCMT
2007-02-09T22:12:nn	35.530	31.100	10.0	3.9	189	89	-34	FMI-03	RCMT
2007-02-09T22:14:08	35.460	31.110	12.0	4.5	110	63	-164	FMI-03	GCMT
2007-04-01T16:20:45	32.500	23.540	14.5	3.8	334	77	-17	FMI-06	ENE2007
2007-04-07Tnn:nn:nn	30.710	29.860	3.4	3.3	67	61	-120	FMI-14	BDW2014
2007-04-12T14:19:nn	32.710	23.590	13.8	3.6	93	67	-110	FMI-06	ENE2007
2007-04-22T16:54:18	30.610	29.760	11.0	4.0	97	64	-142	FMI-14	AAB2019
2007-10-30T14:43:nn	31.810	29.780	17.0	3.8	134	62	-54	nan	RCMT
2007-11-20T09:18:44	35.390	31.550	17.3	4.5	197	70	-20	FMI-03	BDW2014
2008-02-03T17:06:nn	34.790	28.760	13.7	3.0	58	75	-29	FMI-05	BDW2014
2008-02-11T23:47:nn	35.427	33.261	6.0	4.1	76	77	-162	FMI-01	BDW2014
2008-02-12T10:36:nn	35.433	33.318	9.0	5.1	157	89	2	FMI-01	ISC
2008-02-15T10:36:22	35.320	33.270	12.1	5.1	71	69	-167	FMI-01	ENE1997
2008-04-04T14:05:nn	34.750	28.780	6.9	3.5	145	46	-67	FMI-05	BDW2014
2008-06-02Tnn:nn:nn	30.660	29.730	6.7	3.8	309	74	-18	FMI-14	BDW2014
2008-06-21T17:59:47	30.640	29.780	6.2	3.4	77	76	-139	FMI-14	AZM2016
2008-06-24Tnn:nn:nn	30.670	29.750	8.6	3.0	48	52	-133	FMI-14	PAL2013
2008-08-04T19:38:28	26.680	33.970	20.3	5.3	117	46	-18	nan	PAL2013
2009-02-10T23:43:15	32.800	23.700	3.8	4.0	78	69	-141	FMI-06	PAL2013
2009-04-17T11:03:58	35.433	33.336	0.0	4.2	255	65	60	nan	AAB2019
2009-05-17T19:50:06	37.610	25.210	22.3	4.7	25	60	4	nan	BDW2014
2009-05-19T06:38:33	37.790	25.180	12.0	4.9	337	43	-73	nan	ENE1997
2009-05-19T16:54:32	37.790	25.310	12.0	5.1	151	26	-90	nan	PAL2013
2009-05-19T17:35:02	37.760	25.200	12.0	5.7	143	42	-88	nan	PAL2013
2009-05-19T19:57:20	37.770	25.160	12.0	4.8	330	46	-64	nan	BDW2014
2009-07-01T09:30:20	25.500	34.000	12.0	6.4	295	32	108	nan	AAB2019
2009-07-11T23:30:07	25.610	33.840	43.3	4.5	225	73	-26	nan	AAB2019
2009-09-12T12:12:54	25.570	33.910	25.7	4.6	62	64	66	nan	ENSN
2009-09-13T07:43:49	25.520	33.870	12.0	4.5	62	80	79	nan	ENE1997
2009-09-26T02:52:11	25.510	33.770	20.5	4.8	231	74	-22	nan	AAB2019
2009-10-23T15:40:17	35.964	33.598	0.0	3.0	310	32	43	nan	HUS2013
2009-11-14T18:44:46	25.660	32.820	86.2	4.4	210	58	-30	nan	ENSN
2009-12-19T06:28:nn	34.780	28.710	10.9	3.4	53	17	-116	FMI-05	ENE2007
2010-02-24T16:43:12	32.450	25.490	9.9	3.5	9	79	35	nan	PAL2013
2010-03-09T19:58:nn	33.710	28.140	8.1	3.7	189	59	-61	FMI-08	AZM2016
2010-03-13T02:22:nn	32.770	23.570	3.5	3.6	59	88	-176	FMI-06	ENE2007
2010-07-15T11:25:nn	34.850	28.960	22.3	4.2	172	65	-37	FMI-05	PAL2013
2010-07-20T03:11:nn	25.630	31.830	33.0	3.4	37	80	146	nan	AZM2016
2010-10-19T08:38:nn	34.750	25.370	7.5	3.4	346	46	126	nan	PAL2013
2010-10-24T20:07:nn	33.300	28.180	9.8	3.3	284	67	-32	FMI-08	PAL2013
2010-11-07T09:54:nn	32.850	24.000	2.0	4.3	146	57	-169	nan	AAB2019
2010-12-01T05:08:50	35.414	31.516	5.0	3.5	60	70	50	FMI-03	BDW2014
2011-01-01T16:31:08	35.634	32.661	3.0	3.8	10	79	-14	nan	AAB2019
2011-02-20T01:27:nn	34.060	27.690	18.2	4.6	169	71	-63	FMI-07	PAL2013
2011-02-20T04:52:nn	34.070	27.670	17.8	4.1	145	60	-118	FMI-07	ISRNET
2011-10-21T12:37:nn	34.730	28.520	9.0	3.5	148	49	-145	FMI-05	AAB2019
2011-10-21T16:36:nn	34.740	28.520	8.2	4.0	147	45	-128	FMI-05	ENSN
2011-11-19T07:12:nn	34.060	27.700	15.0	4.3	132	70	-118	FMI-07	ENE1997
2011-11-20T05:16:nn	34.240	27.660	15.9	3.9	230	49	-8	FMI-07	PAL2013
2011-12-26T17:01:nn	32.590	23.550	10.1	3.8	159	82	-10	FMI-06	ISRNET
2012-01-30T17:04:26	34.060	27.670	21.0	4.9	343	33	-75	FMI-07	MOR2011
2012-02-16Tnn:nn:nn	30.690	29.730	4.1	3.4	48	51	-127	FMI-14	ENSN
2012-06-02T08:13:nn	34.110	27.700	9.1	3.9	163	78	-59	FMI-07	PAL2013
2012-06-10T09:29:nn	34.100	27.710	12.0	3.9	162	84	-108	nan	PAL2013
2012-10-19T03:35:14	31.020	32.440	29.0	5.0	206	44	131	nan	ENE2007
2012-12-24T14:44:40	35.088	29.912	8.0	4.2	301	89	-177	FMI-04	ENE1997
2012-12-24T19:50:nn	25.350	32.330	7.6	3.5	306	86	1	nan	AAB2019

2013-01-17T21:17:35	30.730	32.090	24.8	4.5	321	82	3	nan	ISRNET
2013-01-22T00:35:nn	33.150	28.430	23.0	3.8	193	69	-30	FMI-09	ISRNET
2013-04-07T15:58:nn	34.080	27.690	17.4	4.3	175	66	-128	FMI-07	ISRNET
2013-04-11T03:56:nn	33.480	27.810	4.2	3.3	154	62	-17	FMI-08	RCMT
2013-06-01T11:49:29	33.171	28.612	5.0	5.0	355	74	-113	FMI-09	ZURRMT
2013-08-11T17:23:21	27.720	33.760	58.9	4.3	2	55	87	nan	PAL2013
2013-08-31T07:15:nn	26.420	31.050	11.0	4.1	276	8	-70	nan	RCMT
2013-10-06T08:44:nn	34.630	28.060	6.1	3.6	142	73	-15	FMI-05	ZURRMT
2013-10-27T13:21:nn	32.730	23.570	3.5	3.6	342	86	-12	FMI-06	RCMT
2013-11-24T03:28:50	25.660	33.990	40.0	4.6	213	78	-21	nan	AAB2019
2014-02-02Tnn.nn:nn	32.630	23.410	2.9	3.5	181	80	-35	FMI-06	PAL2013
2014-03-23T11:12:25	25.610	34.000	24.6	4.3	114	79	128	nan	KOR2005
2014-05-24T07:27:31	35.301	30.477	20.0	4.1	294	79	-167	FMI-04	SAL2003
2014-07-05T21:41:34	35.560	33.559	1.0	4.3	359	88	-34	nan	RCMT
2014-07-18T20:01:nn	32.250	30.030	22.1	4.1	43	59	-17	FMI-10	AAB2019
2014-07-22T03:03:nn	32.420	29.770	22.0	4.6	275	79	-124	FMI-10	ENSN
2014-07-28Tnn.nn:nn	30.600	29.770	4.3	3.3	47	74	-160	FMI-14	RCMT
2015-01-12T21:39:17	36.010	25.020	28.7	4.9	169	57	-80	nan	RCMT
2015-02-14T11:50:07	34.858	33.635	9.0	4.2	232	89	179	nan	KOR2005
2015-06-13T17:43:nn	32.050	30.220	18.3	3.5	37	82	-163	FMI-11	RCMT
2015-06-27T15:34:03	34.620	28.830	28.3	5.6	110	88	172	FMI-05	AAB2019
2015-06-30T06:08:nn	26.810	31.620	10.0	3.8	137	70	40	nan	RCMT
2015-07-30T02:39:06	35.471	31.404	15.0	4.7	318	50	-115	FMI-03	RCMT
2015-08-15T07:39:49	35.506	31.288	11.0	3.6	3	77	-33	FMI-03	RCMT
2015-09-03T01:44:39	28.440	30.450	18.0	4.4	330	87	20	nan	RCMT
2015-11-21T10:53:nn	32.780	23.560	9.9	3.0	136	85	-19	FMI-06	SAL2003
2015-12-01T00:59:nn	32.510	29.760	19.0	3.5	333	55	-116	FMI-10	RCMT
2016-05-01T21:08:nn	34.090	27.950	4.6	3.7	233	76	-19	nan	RCMT
2016-05-16T01:45:59	34.690	28.520	17.0	5.5	110	81	-149	FMI-05	SAL2003
2016-06-04T02:26:nn	32.050	30.410	8.1	3.4	155	43	-48	FMI-11	RCMT
2016-08-09T09:09:nn	33.070	28.540	17.0	4.0	198	38	-83	FMI-09	SAL2003
2016-08-13T03:06:nn	34.820	28.490	19.1	3.7	332	47	-153	FMI-05	SAL2003
2016-09-19T21:50:nn	32.730	23.570	3.4	3.7	66	89	-176	FMI-06	GCMT
2016-09-21T12:35:nn	32.720	23.560	1.7	3.5	65	88	175	FMI-06	RCMT
2016-10-29T16:01:nn	30.910	32.010	24.6	3.3	158	71	156	nan	RCMT
2016-10-31T04:16:53	34.790	28.440	3.0	4.2	13	54	117	FMI-05	SAL2003
2016-11-29T17:01:13	34.670	28.580	19.7	4.7	197	74	-145	FMI-05	GCMT
2016-12-02T04:35:45	35.630	32.940	13.0	4.2	32	66	-146	FMI-01	RCMT
2016-12-22T22:02:nn	31.920	30.260	6.9	3.4	94	47	-55	FMI-11	GCMT
2016-12-27T01:48:59	34.790	28.530	3.0	4.0	76	52	99	FMI-05	GCMT
2017-01-23T20:38:nn	31.930	30.270	6.5	3.7	354	33	-36	FMI-11	RCMT
2017-04-11T22:48:35	25.320	33.570	10.0	4.4	81	32	18	nan	RCMT
2017-04-18T13:53:nn	34.100	27.450	9.1	3.4	172	67	-23	FMI-07	GCMT
2017-05-02T09:43:11	24.580	31.790	10.0	4.3	218	80	129	nan	ENE1997
2017-05-19T14:16:nn	34.560	27.940	3.6	3.8	304	50	-27	FMI-05	GCMT
2017-08-25T23:56:nn	31.280	28.160	5.0	3.8	130	65	-48	nan	GCMT
2018-04-28T06:50:22	35.548	31.326	10.0	3.7	271	80	-171	FMI-03	GCMT
2018-07-04T01:50:07	35.578	32.855	4.0	4.2	323	53	-103	FMI-01	GCMT
2018-07-04T03:52:00	35.581	32.868	5.0	3.9	153	30	-100	FMI-01	HUS2013
2018-07-04T19:45:42	35.370	32.920	13.8	4.8	178	33	-52	FMI-01	KOR2005
2018-07-08T13:30:48	35.593	32.849	4.0	3.9	324	51	-116	FMI-01	GCMT
2018-07-22T06:41:26	35.572	32.849	6.0	3.5	16	69	-53	FMI-01	GCMT
2018-07-27T08:51:18	35.570	32.874	3.0	3.5	338	45	-102	FMI-01	GCMT
2018-11-28T12:24:01	34.644	27.661	1.0	4.0	324	9	-159	nan	KOR2005
2018-12-26T03:39:00	35.532	31.378	13.0	3.7	90	31	171	FMI-03	HUS2013



**Table 2.** Site coordinates and velocities referred to ITRF14 and fixed Nubia plate.  $V_e$ ,  $V_n$  and  $V_u$  are the east, north and vertical components of the site velocities in mm/yr. Uncertainties are within the 1- $\sigma$  confidence level. C, continuous station; E, survey-type site.

Site	Long.	Lat.	$V_e$ (I14)	$V_n$ (I14)	$V_e$ (1 $\sigma$ )	$V_n$ (1 $\sigma$ )	Rho	$V_e$ (Nu)	$V_n$ (Nu)	$V_u$	$V_u$ (1 $\sigma$ )	Notes
ABSM	31.5438	22.4898	24.62	18.23	0.16	0.16	-0.015	0.88	0.46	-3.44	0.83	C
ACOR	351.6011	43.3644	20.74	16.64	0.07	0.22	-0.007	8.2	-1.67	-2.64	0.14	C
ALON	34.6067	31.7079	22.47	19.62	0.09	0.08	0.001	-1.15	2.27	0.98	0.09	C
ALWJ	36.3777	26.4583	28.35	24.95	0.08	0.08	0.008	4.15	7.86	-0.14	0.14	C
ALX2	29.9110	31.1971	24.32	18.12	0.11	0.13	0.004	1.41	0.15	-1.37	0.27	C
AQUI	13.3503	42.3682	20.96	17.03	0.13	0.16	0.001	3.25	-2.12	-0.07	0.10	C
AREL	35.2093	32.1024	22.72	20.49	0.14	0.14	0.003	-0.96	3.23	1.31	0.30	C
ASUT	31.5624	27.3968	23.44	18.37	0.09	0.08	0.001	-0.05	0.6	-0.24	0.23	C
ASWN	32.8484	23.9708	23.75	17.55	0.11	0.24	0.000	-0.09	-0.05	-1.75	0.74	C
AUT1	23.0037	40.5668	25.49	7.48	0.28	0.20	0.000	5.27	-11.17	-1.60	0.26	C
BAHR	50.6082	26.2092	31.87	29.54	0.17	0.17	0.041	5.93	15.13	0.05	0.42	C
BAJA	7.7189	43.9037	21.29	17.32	0.18	0.13	0.003	5.27	-1.87	-2.50	0.17	C
BAKU	49.8144	40.3722	30.70	10.19	0.07	0.09	0.018	5.33	-4.38	1.73	0.24	C
BEVE	9.7692	44.1941	20.94	16.04	0.10	0.17	0.004	4.52	-3.16	0.10	0.15	C
BIEL	8.0481	45.5608	19.75	15.95	0.07	0.07	0.013	4.12	-3.25	0.02	0.11	C
BRIX	10.2326	45.5649	20.46	16.31	0.08	0.09	0.010	4.31	-2.89	0.65	0.14	C
BRUS	4.3592	50.7978	18.23	15.74	0.23	0.11	0.007	5.12	-3.39	0.89	0.18	C
BRUX	4.3586	50.7981	16.98	16.61	0.12	0.13	0.017	3.87	-2.52	0.59	0.32	C
BUCU	26.1258	44.4640	23.13	12.41	0.06	0.05	-0.005	3.02	-5.95	1.93	0.21	C
CAGL	8.9728	39.1359	21.86	16.09	0.08	0.06	-0.001	4.3	-3.12	-0.31	0.08	C
CAME	13.1240	43.1120	22.83	18.44	0.09	0.09	0.004	5.35	-0.72	0.27	0.14	C
CAMN	8.2805	44.4053	20.61	16.09	0.10	0.09	0.009	4.6	-3.11	-0.03	0.14	C
CAVA	12.5827	45.4794	20.92	17.67	0.08	0.09	0.006	4.19	-1.49	-3.14	0.21	C
CHIV	9.3235	44.3204	20.43	16.13	0.10	0.10	0.007	4.15	-3.07	-0.49	0.13	C
COMO	9.0956	45.8022	20.21	15.81	0.10	0.10	0.006	4.4	-3.39	-0.08	0.10	C
COSE	16.3104	39.2014	22.68	18.40	0.35	0.30	-0.005	3.59	-0.66	0.09	0.96	C
CRAO	33.9910	44.4133	24.25	12.27	0.06	0.07	-0.006	2.41	-5.16	0.37	0.09	C
CSAR	34.8902	32.4883	22.28	19.91	0.06	0.06	0.001	-1.32	2.6	0.46	0.11	C
DAMT	31.6832	31.4397	22.52	17.22	0.16	0.12	0.002	-0.66	-0.53	-3.98	0.25	C
DRAG	35.3921	31.5932	23.10	20.39	0.05	0.05	0.005	-0.65	3.15	3.12	0.08	C
DSEA	35.3688	31.0369	24.26	21.80	0.13	0.18	0.001	0.47	4.56	-0.33	0.17	C
DUTH	24.9168	41.1402	24.09	11.09	0.11	0.11	0.002	3.58	-7.39	0.31	0.14	C
DYNG	23.9324	38.0786	8.12	-11.40	0.12	0.12	0.002	-12.75	-29.97	0.43	0.14	C
ELAT	34.9206	29.5093	25.39	20.97	0.11	0.08	0.000	1.56	3.66	1.20	0.18	C
ELRO	35.7707	33.1820	22.46	22.87	0.07	0.07	0.004	-1.22	5.69	-0.67	0.23	C
ESCO	0.9757	42.6936	19.39	16.40	0.09	0.05	0.005	4.55	-2.61	0.31	0.21	C

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FARF	28.3104	27.1485	22.76	18.79	0.10	0.11	-0.001	-0.28	0.64	-2.38	0.27	C
FDOS	11.7238	46.3040	20.24	16.29	0.10	0.10	0.009	3.94	-2.89	1.18	0.15	C
GARI	12.2494	44.6769	21.05	16.84	0.21	0.08	0.003	4.18	-2.33	-3.08	0.12	C
GENO	8.9212	44.4194	20.81	15.82	0.06	0.06	-0.002	4.65	-3.38	-0.67	0.07	C
GENU	8.9593	44.4027	20.59	16.02	0.10	0.10	0.008	4.42	-3.18	-0.41	0.13	C
GILB	35.4165	32.4793	22.27	20.80	0.08	0.10	0.006	-1.41	3.57	1.32	0.09	C
GRAS	6.9206	43.7547	20.64	16.23	0.10	0.06	-0.001	4.76	-2.96	0.01	0.09	C
GRAZ	15.4935	47.0671	21.84	15.83	0.07	0.05	0.000	4.83	-3.25	-0.21	0.25	C
GSR1	14.5437	46.0481	21.11	17.34	0.07	0.06	0.008	4.06	-1.77	-0.05	0.19	C
HALY	36.0999	29.1389	26.88	23.77	0.08	0.07	0.011	2.85	6.64	0.14	0.18	C
HFLK	11.3861	47.3129	20.41	15.95	0.11	0.10	0.005	4.47	-3.23	1.50	0.15	C
HRMN	35.7855	33.3083	22.31	22.54	0.11	0.10	0.004	-1.36	5.36	0.78	0.20	C
HURG	33.8323	27.2444	23.67	18.45	0.07	0.11	-0.002	-0.15	0.99	0.11	0.27	C
IENG	7.6394	45.0151	20.49	15.63	0.08	0.07	0.011	4.8	-3.56	0.16	0.08	C
IGMI	11.2138	43.7957	21.34	18.13	0.07	0.11	0.005	4.48	-1.06	0.03	0.14	C
IRSH	33.6169	31.1075	22.88	19.41	0.10	0.11	0.003	-0.63	1.92	0.20	0.16	C
ISBA	44.4384	33.3414	24.72	28.27	0.08	0.10	0.008	-0.3	12.59	-0.57	0.13	C
ISBS	47.7956	30.4870	25.96	29.76	0.13	0.13	0.003	0.35	14.75	-4.09	0.24	C
ISER	44.0109	36.1599	22.59	26.42	0.20	0.57	0.000	-2.18	10.66	-7.22	0.52	C
ISKU	45.8084	32.5019	23.27	25.85	0.16	0.16	0.004	-2	10.44	-2.88	0.18	C
ISNA	44.3533	32.0126	25.49	28.12	0.08	0.10	0.000	0.41	12.42	-1.24	0.10	C
ISSD	43.6730	34.6008	23.73	28.17	0.22	0.16	0.000	-1.1	12.34	-1.38	0.47	C
ISTA	29.0193	41.1045	23.72	11.59	0.07	0.09	0.003	2.34	-6.47	0.46	0.19	C
JASK	57.7639	25.6495	29.38	21.99	0.16	0.12	0.049	2.73	9.28	-0.15	0.23	C
JOZE	21.0315	52.0973	20.58	14.03	0.06	0.11	0.003	3.52	-4.75	-0.64	0.18	C
JSLM	35.2025	31.7712	23.15	20.26	0.05	0.06	0.004	-0.56	3	1.25	0.08	C
KABR	35.1451	33.0228	21.99	20.09	0.05	0.05	0.003	-1.6	2.82	0.71	0.11	C
KATA	31.8292	29.9275	23.59	18.54	0.12	0.09	0.003	0.25	0.81	-1.21	0.32	C
KATC	27.7808	35.9515	16.36	-16.36	0.15	0.32	0.000	-5.59	-34.56	-1.18	0.21	C
KATZ	35.6883	32.9953	22.71	23.29	0.09	0.08	-0.004	-0.97	6.1	0.88	0.21	C
KLHV	34.8667	31.3781	22.95	19.79	0.08	0.11	0.002	-0.74	2.48	1.85	0.11	C
KUWT	47.9715	29.3250	28.32	29.76	0.14	0.08	-0.011	2.67	14.79	-1.36	0.12	C
LARM	22.3879	39.6141	20.72	4.43	0.09	0.09	-0.001	0.44	-14.27	-0.45	0.36	C
LAUG	35.6744	34.1150	19.96	20.43	0.41	0.20	0.003	-3.61	3.24	0.30	0.27	C
LEC1	9.4070	45.8573	19.93	15.95	0.12	0.11	0.006	4.06	-3.25	0.88	0.16	C
LOAN	8.2504	44.1192	20.45	16.00	0.10	0.10	0.007	4.36	-3.2	-0.32	0.15	C
M0SE	12.4933	41.8931	20.26	16.00	0.08	0.07	0.004	2.62	-3.17	-0.78	0.13	C
MATE	16.7045	40.6491	23.35	19.25	0.07	0.11	-0.001	4.49	0.21	0.27	0.06	C
MATG	16.7047	40.6490	23.43	19.40	0.09	0.10	0.003	4.57	0.36	-0.11	0.17	C
MERS	34.2559	36.5664	14.49	15.82	0.10	0.13	0.001	-8.57	-1.58	-0.48	0.27	C
METS	24.3953	60.2175	19.96	13.36	0.08	0.09	-0.015	4.31	-5.15	3.47	0.33	C

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MILO	12.5843	38.0082	21.89	18.15	0.13	0.08	-0.001	3.3	-1.02	-0.16	0.16	C
MNSO	31.3526	31.0410	23.75	17.93	0.10	0.23	0.001	0.59	0.14	-10.87	0.20	C
MOCA	11.1434	46.0981	20.30	17.12	0.11	0.11	0.007	4.08	-2.07	0.50	0.20	C
MRSA	34.8778	25.0670	24.50	18.41	0.10	0.10	0.005	0.44	1.09	0.71	0.15	C
MSLT	30.8887	29.5138	22.55	17.80	0.09	0.09	0.003	-0.68	-0.05	0.30	0.13	C
MTRH	27.2305	31.3457	21.84	18.51	0.11	0.12	0.001	-0.62	0.24	-0.44	0.25	C
NAMA	42.0447	19.2114	34.55	27.70	0.08	0.08	0.034	9.72	11.56	-0.43	0.19	C
NEFT	49.2432	39.4043	28.37	16.66	0.13	0.48	-0.002	3.01	1.97	-5.88	0.27	C
NICO	33.3965	35.1410	19.23	15.57	0.07	0.07	0.005	-3.84	-1.95	0.04	0.11	C
NKHL	33.9805	29.9294	23.50	19.01	0.12	0.12	0.005	-0.16	1.57	-0.08	0.24	C
NOA1	23.8640	38.0471	8.13	-12.21	0.13	0.27	0.001	-12.73	-30.79	0.56	0.08	C
NOT1	14.9898	36.8759	21.59	19.59	0.08	0.08	-0.004	2.27	0.48	-1.35	0.10	C
NOVA	8.6140	45.4472	20.08	15.96	0.09	0.08	0.009	4.28	-3.24	0.48	0.11	C
NRIF	35.0361	30.0384	24.57	20.96	0.06	0.06	0.005	0.75	3.67	0.49	0.10	C
NSSP	44.5029	40.2265	29.02	17.63	0.10	0.11	-0.002	4.54	1.96	0.87	0.28	C
NZRT	35.3315	32.7825	22.48	20.53	0.07	0.07	0.003	-1.16	3.29	-0.25	0.19	C
ORID	20.7941	41.1273	23.45	11.69	0.31	0.09	-0.002	3.81	-7.12	0.17	0.12	C
PADO	11.8961	45.4112	20.87	16.70	0.07	0.06	0.010	4.28	-2.48	-0.87	0.15	C
PARR	11.1230	45.7769	20.15	16.86	0.09	0.10	0.014	3.84	-2.33	0.27	0.17	C
PASS	11.9020	46.1930	20.02	16.55	0.12	0.10	0.004	3.64	-2.63	0.98	0.14	C
PATK	11.4602	47.2080	19.06	16.86	0.16	0.17	0.004	3.07	-2.32	0.38	0.65	C
PENC	19.2815	47.7896	22.10	14.69	0.05	0.08	-0.001	4.35	-4.21	-0.21	0.10	C
PHLW	31.3434	29.8616	23.10	18.71	0.06	0.06	0.006	-0.17	0.92	-0.46	0.09	C
PORE	13.5951	45.2260	20.79	18.18	0.19	0.13	0.005	3.75	-0.96	-0.14	0.26	C
PORG	29.5737	30.8634	22.64	18.37	0.11	0.09	0.001	-0.25	0.36	-1.97	0.21	C
POZZ	11.6817	46.4226	20.24	16.58	0.09	0.09	0.008	3.98	-2.6	1.10	0.16	C
PRAT	11.0991	43.8856	21.20	17.46	0.09	0.06	0.006	4.39	-1.73	-0.41	0.15	C
RAMO	34.7631	30.5976	23.78	19.63	0.07	0.06	0.001	0.05	2.3	0.87	0.08	C
RASH	34.7966	28.2995	26.48	23.51	0.10	0.09	0.005	2.59	6.18	0.08	0.13	C
REGI	16.1599	39.4535	23.61	18.02	0.21	0.14	0.002	4.6	-1.04	0.51	0.61	C
RONC	10.6698	45.9841	20.01	16.38	0.16	0.10	0.004	3.87	-2.81	0.84	0.16	C
ROVE	11.0421	45.8935	20.44	16.71	0.06	0.10	0.009	4.19	-2.48	1.04	0.21	C
SAFG	33.9291	26.5674	23.47	18.91	0.11	0.11	0.005	-0.4	1.46	-0.02	0.22	C
SAID	32.3143	31.2457	21.74	18.64	0.18	0.12	0.002	-1.56	0.97	-6.84	0.29	C
SARN	11.1416	46.4187	20.21	16.44	0.10	0.10	0.010	4.08	-2.75	1.21	0.16	C
SEKC	47.1752	41.2202	27.08	14.63	0.18	0.17	-0.002	2.24	-0.5	-3.06	0.34	C
SFEL	12.2914	45.2300	18.24	15.35	0.40	0.34	0.000	1.51	-3.82	-4.37	0.47	C
SHLA	35.3999	23.1068	23.94	18.34	0.12	0.13	0.002	-0.23	1.1	-0.42	0.32	C
SLOM	34.2838	31.2282	22.42	18.63	0.14	0.19	0.001	-1.19	1.23	0.35	0.40	C
SLUM	25.2122	31.4914	21.79	18.71	0.07	0.08	0.002	-0.32	0.24	-0.35	0.13	C
SOFI	23.3947	42.5561	23.73	12.13	0.06	0.07	-0.003	3.83	-6.48	-0.43	0.08	C

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SOLA	46.4006	24.9107	31.84	29.43	0.07	0.09	-0.033	6.4	14.13	-1.17	0.12	C
SPER	11.5095	46.0694	20.14	16.45	0.10	0.10	0.009	3.82	-2.73	0.65	0.19	C
SRJV	18.4139	43.8679	23.51	15.45	0.07	0.07	0.005	5.01	-3.5	0.32	0.07	C
TAYS	34.8717	28.5515	26.50	23.54	0.11	0.11	0.005	2.61	6.23	0.17	0.17	C
TEHN	51.3341	35.6973	26.57	19.73	0.14	0.10	-0.004	0.65	5.49	0.81	0.15	C
TELA	34.7809	32.0680	21.81	20.57	0.11	0.09	0.010	-1.81	3.25	1.03	0.17	C
TILO	27.3937	36.3804	12.41	-16.40	0.07	0.07	0.000	-9.41	-34.64	-0.80	0.16	C
TORI	7.6613	45.0634	20.24	15.87	0.09	0.08	-0.001	4.56	-3.32	0.08	0.20	C
TRAB	39.7756	40.9947	25.81	13.41	0.09	0.10	0.003	2.29	-3.12	0.53	0.16	C
TREV	12.2565	45.6640	20.45	16.98	0.10	0.10	0.007	3.84	-2.19	0.24	0.15	C
TUBI	29.4507	40.7867	19.35	11.83	0.08	0.10	0.002	-2.17	-6.18	-0.56	0.13	C
TUC2	24.0706	35.5332	7.58	-12.03	0.08	0.12	0.001	-13.75	-30.59	-0.67	0.11	C
UCAG	9.1101	39.2280	21.14	16.18	0.11	0.11	-0.003	3.57	-3.03	-1.02	0.26	C
UNTR	12.6738	42.5587	20.31	17.29	0.16	0.11	0.001	2.8	-1.88	0.74	0.15	C
UPAD	11.8779	45.4067	21.43	18.15	0.22	0.22	-0.003	4.84	-1.03	-3.16	0.47	C
USAL	18.1115	40.3349	23.62	18.65	0.13	0.08	0.002	4.39	-0.32	-0.44	0.13	C
VEAR	12.3578	45.4380	20.96	17.63	0.14	0.17	0.002	4.27	-1.54	-2.32	0.83	C
VEN1	12.3541	45.4306	20.74	16.63	0.11	0.14	0.003	4.05	-2.54	-1.72	0.12	C
VIGX	15.9020	40.3359	22.02	19.07	0.12	0.11	0.003	3.26	0	0.21	0.23	C
VILL	356.0480	40.4436	18.40	16.55	0.09	0.10	0.016	3.94	-2.15	-0.77	0.23	C
VOLT	11.9109	45.3846	20.70	17.23	0.15	0.14	0.000	4.1	-1.95	-0.65	0.41	C
YEBE	356.9114	40.5249	18.70	16.42	0.05	0.06	0.063	4.08	-2.35	-0.25	0.10	C
YIBL	56.1123	22.1865	34.18	32.44	0.34	0.16	0.006	7.91	19.32	0.73	0.46	C
YRCM	34.9283	30.9916	23.37	19.68	0.06	0.06	0.004	-0.36	2.38	1.59	0.16	C
YSST	28.9909	40.8658	21.01	13.09	0.17	0.14	0.000	-0.4	-4.98	1.09	0.90	C
ZADA	15.2276	44.1132	22.11	18.18	0.11	0.10	0.006	4.4	-0.91	-0.07	0.21	C
ZAXO	42.6706	37.1138	22.58	26.76	0.15	0.14	0.002	-1.89	10.74	-1.49	0.89	C
ZECK	41.5651	43.7884	25.42	11.63	0.06	0.05	-0.005	1.94	-4.58	1.90	0.10	C
ZIMM	7.4653	46.8771	19.64	16.28	0.05	0.05	-0.008	4.53	-2.91	0.69	0.09	C
ABOZ	33.1024	29.1412	22.40	15.78	0.19	0.20	0.000	-1.19	-1.78	nan	nan	E
BARR	25.9085	31.6222	20.50	20.45	0.82	0.40	0.000	-1.71	2.05	nan	nan	E
DAHA	34.4699	28.5288	21.45	20.15	0.20	0.20	0.000	-2.38	2.78	nan	nan	E
DERB	33.4040	28.6306	21.90	16.55	0.17	0.18	-0.021	-1.77	-0.97	nan	nan	E
EMER	33.6003	26.6902	21.42	16.98	0.27	0.25	0.000	-2.4	-0.52	nan	nan	E
FANA	32.5657	29.3787	23.45	19.02	0.17	0.17	0.010	-0.04	1.38	nan	nan	E
GARB	33.2283	28.1630	23.47	19.88	0.32	0.32	0.000	-0.21	2.33	nan	nan	E
GEMS	33.4943	27.6862	24.21	17.98	0.26	0.34	0.000	0.46	0.47	nan	nan	E
HUR2	33.6060	27.3134	24.28	19.95	0.26	0.24	0.000	0.5	2.45	nan	nan	E
KENS	33.8832	27.9606	21.60	20.84	0.43	0.45	-0.058	-2.18	3.38	nan	nan	E
NABQ	34.3139	28.1783	22.73	20.47	0.40	0.36	0.000	-1.1	3.07	nan	nan	E
QIFT	33.9687	26.1437	20.95	18.07	0.27	0.25	0.000	-2.94	0.62	nan	nan	E

SAF1	33.8938	26.7483	22.65	18.97	0.32	0.29	0.000	-1.2	1.51	nan	nan	E
SALE	34.5636	25.0344	27.53	17.17	0.30	0.27	0.000	3.51	-0.19	nan	nan	E
SHAE	35.4590	23.4063	25.25	17.40	0.30	0.27	0.000	1.07	0.17	nan	nan	E
SHAM	34.1838	27.8464	22.67	19.10	0.57	0.85	0.000	-1.16	1.69	nan	nan	E
TOUR	33.5964	28.2694	22.38	18.09	0.13	0.13	-0.049	-1.34	0.59	nan	nan	E
ZEIT	33.3914	27.9186	23.77	19.19	0.13	0.13	-0.028	0.05	1.67	nan	nan	E

**Table 3.**  $S_{Hmax}$  stress indicators inferred from borehole breakouts (BO), inversion of earthquake fault plane solutions for stress tensor (FMF), geological indicator (GI) and drilling induced fractures (DIF) classified following the quality ranking system [21]: NF, SS, TF and U stands for normal, strike-slip, thrust and undefined faulting, respectively. Data have been collected from the World Stress Map Database [22] according to their A and B quality rank.

Longitude	Latitude	Azimuth (°)	Type	Depth (km)	Quality	Stress Regime
31.922	31.907	15	BO	2.7	A	U
32.700	23.660	118	FMF	10.0	A	SS
33.750	27.600	135	FMF	10.0	A	NF
34.664	28.840	145	FMF	10.0	A	SS
33.000	29.000	128	FMF	10.0	A	NF
32.752	29.116	135	FMF	10.0	A	NF
31.060	29.670	115	FMF	10.0	A	NF
31.500	29.700	123	FMF	0.0	A	NF
32.075	30.125	120	FMF	10.0	A	NF
34.917	29.533	162	GI	0.0	A	NF
35.347	30.627	121	GI	0.0	A	SS
36.883	32.550	168	GI	0.0	A	U
37.167	33.367	163	GI	0.0	A	U
33.790	27.320	89	BO	1.4	B	U
33.820	27.366	87	BO	1.5	B	U
33.820	27.370	87	BO	1.5	B	U
33.730	27.430	110	BO	1.7	B	U
33.750	27.550	106	BO	0.8	B	U
33.700	27.580	95	BO	1.0	B	U
33.640	27.620	83	BO	0.7	B	U
33.500	27.700	118	BO	3.0	B	U
33.840	27.730	85	BO	0.9	B	U
33.488	27.737	118	BO	3.0	B	U
33.450	27.740	115	BO	1.6	B	U
33.650	27.740	124	BO	0.9	B	U
33.300	27.790	118	BO	3.1	B	U
33.530	27.800	79	BO	1.3	B	U
33.520	27.820	75	BO	1.3	B	U
33.704	27.827	111	BO	3.0	B	U
33.700	27.830	111	BO	3.0	B	U
33.470	27.850	112	BO	0.8	B	U
33.490	27.870	115	BO	0.9	B	U
33.493	27.874	75	BO	0.9	B	U
33.920	27.880	88	BO	1.5	B	U
33.492	27.892	102	BO	0.8	B	U
33.500	27.900	102	BO	0.8	B	U
33.520	27.930	114	BO	3.0	B	U

31.002	31.095	108	BO	2.5	B	U
32.252	31.539	140	BO	3.2	B	U
29.843	31.608	25	BO	1.7	B	U
32.266	31.707	68	BO	2.0	B	U
32.170	31.837	93	BO	3.3	B	U
32.804	31.877	99	BO	2.5	B	U
32.849	31.906	49	BO	2.4	B	U
31.854	31.920	2	BO	1.6	B	U
32.655	31.984	85	BO	1.9	B	U
32.193	32.052	46	BO	2.9	B	U
31.831	32.104	109	BO	3.6	B	U
31.515	32.272	145	BO	1.2	B	U
31.002	31.095	98	DIF	2.7	B	U
30.040	31.641	12	DIF	2.9	B	U
32.600	23.400	125	FMF	0.0	B	SS
33.750	27.600	40	FMF	10.0	B	NF
34.750	28.933	159	FMF	10.0	B	NF
35.389	31.037	144	FMF	10.0	B	NF
35.430	32.195	118	FMF	10.0	B	SS
35.671	33.618	116	FMF	10.0	B	NF
35.483	33.050	163	GI	0.0	B	U
35.783	33.100	163	GI	0.0	B	U
37.000	33.367	150	GI	0.0	B	U

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