

















































ELECTRONIC APPENDIX B

















Earthquake focal parameters and focal mechanism solutions.

















#	Earthquake Focal Parameters								Focal Mechanism Solutions												
	Date (y.m.d)	Time (GMT) (h:m:s)	Latitude (°N)	Longitude (°E)	Depth (km)	Magnitude	M Type	Ref.	Str1 (°)	Dip1(°)	Rake1 (°)	Str2 (°)	Dip2 (°)	Rake2 (°)	Pazm (°)	Pplg (°)	Tazm (°)	Tplg (°)	Ref.	Regime	Beach ball
1	1970.07.02	02:24:35	38.849	36.786	15	4.7	mb	ISC-EHB	193	42	-33	309	69	53	176	52	65	16	KLC2017	NF	
2	1979.12.28	03:09:09	37.06	36.24	15	5.4	Mw	GCMT	141	90	180	231	90	0	6	0	96	0	GCMT	SS	
3	1980.05.02	05:30:59	35.99	30.16	15	5.8	Mw	GCMT	104	8	-72	266	82	-93	173	53	358	37	GCMT	U	
4	1985.07.22	09:27:10	34.16	28.4	15	5.2	Mw	GCMT	67	48	-34	181	65	-133	43	50	300	10	GCMT	NS	
5	1986.05.05	03:35:40	38.0252	37.7533	4	6	mb	ISC	164	82	144	260	54	9	217	18	116	31	GCMT	SS	
6	1986.06.06	10:39:48	38.0264	37.8467	8	5.7	mb	ISC	160	90	180	250	90	0	25	0	115	0	GCMT	SS	
7	1986.10.02	10:12:46	34.65	29.16	15	5.2	Mw	GCMT	99	37	-53	236	61	-114	102	65	343	13	GCMT	NF	
8	1988.09.05	20:03:27	34.5688	26.619	12	5	Ms	ISC	15	55	-11	112	81	-144	339	31	238	17	GCMT	SS	
9	1988.11.20	21:01:08	35.361	28.6981	14	4.6	Ms	ISC	24	32	-152	270	76	-61	212	51	338	25	GCMT	U	
10	1989.06.24	03:09:58	36.28	36.13	15	5.1	Mw	GCMT	203	28	-93	27	62	-88	300	73	115	17	GCMT	NF	
11	1991.04.10	01:08:46	37.54	35.77	15	5.3	Mw	GCMT	160	27	-136	29	72	-70	327	59	104	24	GCMT	NF	
12	1994.01.16	12:18:00	37.028	35.878	13.3	3.7	ML	ER99	60	85	170	150	80	5	106	3	15	11	ER99	SS	

















13	1994.01.28	04:49:00	37.515	35.49	14	3	ML	ER99	140	45	-110	347	48	109	327	76	64	2	ER99	NF	
14	1994.02.10	06:15:19	36.956	35.862	15	4.8	mb	ISC-EHB	320	57	81	156	34	-103	56	12	203	76	KLC2017	TF	
15	1994.03.23	19:53:00	37.066	36.082	13.3	3	ML	ER99	20	40	-140	257	66	122	211	56	324	14	ER99	NF	
16	1994.11.13	06:56:01	36.8504	29.0073	14	5	Ms	ISC	139	36	-83	310	54	-95	199	80	44	9	GCMT	NF	
17	1995.01.21	03:48:00	37.369	36.247	14.7	4.5	ML	ER99	115	85	-170	24	80	5	340	11	249	3	ER99	SS	
18	1995.01.22	17:57:00	36.267	36.078	9.6	5.1	ML	ER04	44	90	46	314	44	0	169	31	279	31	ER04	U	
19	1995.02.23	21:03:07	35.02	32.44	15	5.9	Mw	GCMT	239	21	140	6	77	73	110	30	257	55	GCMT	TF	
20	1995.04.05	11:43:00	37.448	36.287	5.6	3	ML	ER99	170	80	-30	266	60	-168	124	28	221	13	ER99	SS	
21	1995.04.13	20:47:00	37.443	36.218	12.5	3.1	ML	ER99	55	70	-20	152	71	21	14	28	283	1	ER99	SS	
22	1995.04.13	20:23:00	37.416	36.207	13.9	4.9	ML	ER99	170	40	-90	350	50	90	260	85	80	5	ER99	NF	
23	1995.04.16	10:57:00	37.162	36.247	10.7	3	ML	ER99	205	30	-80	13	60	84	269	74	108	15	ER99	NF	
24	1995.05.29	04:58:37	34.89	32.63	15	5.3	Mw	GCMT	224	20	132	0	76	76	101	29	252	58	GCMT	TF	
25	1995.07.25	01:22:00	37.285	35.425	14.9	3.2	ML	ER99	160	70	-80	313	22	-115	86	64	242	24	ER99	NF	
26	1995.10.29	03:32:00	37.738	35.392	8	3.9	ML	ER99	10	50	-50	137	54	52	347	60	253	2	ER99	NF	
27	1996.05.22	23:28:00	37.332	36.24	9.3	3	ML	ER99	115	60	-170	20	81	150	333	27	71	14	ER99	SS	
28	1997.01.22	17:57:24	36.01	35.77	15	5.7	Mw	GCMT	243	39	-15	345	81	-128	219	42	104	26	GCMT	U	

















29	1997.01.22	18:24:00	36.133	36.06	4	5.2	ML	ER04	219	41	-39	340	66	56	206	56	95	14	ER04	NF	
30	1997.01.23	14:53:00	36.262	36.047	4.8	4.2	ML	ER04	45	85	-40	139	50	-173	354	31	99	23	ER04	U	
31	1997.05.09	18:41:01	35.4361	27.2831	14	4.6	mb	ISC	35	80	-39	133	52	-168	347	34	90	18	MED_RCMT	SS	
32	1997.09.13	09:04:00	37.313	36.217	15.8	3	ML	ER99	140	50	-160	37	75	138	350	40	94	16	ER99	NS	
33	1997.10.17	02:25:00	37.343	36.267	9.4	3.2	ML	ER99	30	55	-50	154	51	-133	359	58	93	2	ER99	NF	
34	1998.01.30	04:32:00	37.324	36.25	1	3.3	ML	ER99	70	45	120	211	52	63	319	4	59	69	ER99	TF	
35	1998.01.31	01:28:00	37.342	36.253	9.8	3.2	ML	ER99	0	45	-80	166	46	80	356	83	263	0	ER99	NF	
36	1998.06.27	13:55:59	36.87	35.58	29.5	6.2	Mw	GCMT	321	75	171	53	81	15	187	4	278	17	GCMT	SS	
37	1998.06.28	03:59:26	36.9266	35.5758	4	4.6	mb	ISC	223	71	-12	317	79	-161	181	22	89	5	MED_RCMT	SS	
38	1998.07.04	02:15:51	36.63	35.42	15	5.4	Mw	GCMT	72	55	8	338	84	145	30	19	289	29	GCMT	SS	
39	1998.12.14	13:06:10	38.9678	35.7399	0	4.5	mb	ISC	75	77	27	339	64	166	205	9	299	28	MED_RCMT	SS	
40	1999.01.15	02:04:00	37.062	35.847	26.2	4.1	Mx	ÖK03	35	70	-10	128	81	20	260	7	152	68	ÖK03	SS	
41	1999.01.17	07:02:00	36.991	36.112	6.3	2.2	Mx	ÖK03	45	90	10	315	80	-180	180	7	270	7	ÖK03	SS	
42	1999.03.28	16:19:57	34.2184	25.6331	10	4.8	mb	ISC	58	51	42	299	59	133	360	4	264	54	MED_RCMT	TF	
43	1999.04.06	00:08:28	39.4	38.31	15	5.4	Mw	GCMT	326	49	175	59	86	41	185	25	291	31	GCMT	U	
44	1999.05.05	12:25:00	36.909	35.424	30.4	3.7	Mx	ÖK03	80	85	70	337	21	166	188	37	329	46	ÖK03	U	

















45	1999.05.25	17:15:29	34.56	31.41	15	5.5	Mw	GCMT	14	53	165	113	78	38	239	16	340	35	GCMT	SS	
46	1999.06.11	05:25:18	39.5523	36.8505	6	4.7	mb	ISC	67	45	-39	187	64	-127	48	55	303	11	MED_RCMT	NF	
47	1999.08.12	21:47:00	37.04	36.277	0.3	3.1	Mx	ÖK03	210	85	60	112	30	170	325	33	91	42	ÖK03	U	
48	1999.08.17	15:06:25	34.7855	32.8862	10	5.1	mb	ISC	99	67	78	307	26	116	198	21	348	66	MED_RCMT	TF	
49	1999.11.14	02:11:00	37.614	36.12	8.3	3.4	Mx	ÖK03	209	51	47	85	55	130	148	2	54	58	ÖK03	TF	
50	2000.03.31	17:05:00	36.994	37.049	8.2	2.9	Mx	ÖK03	200	90	50	110	40	180	323	33	77	33	ÖK03	U	
51	2000.04.02	11:41:26	37.6437	37.3177	9	4.5	mb	ISC	41	89	29	311	61	179	172	19	270	21	MED_RCMT	SS	
52	2000.05.12	03:01:46	37.0333	36.092	14	4.7	mb	ISC	10	45	-106	213	47	-74	196	79	291	1	MED_RCMT	NF	
53	2000.05.22	11:07:00	36.961	35.551	30.8	2.7	Mx	ÖK03	68	41	74	268	51	104	349	5	234	78	ÖK03	TF	
54	2000.05.27	07:49:00	36.226	35.284	17.2	4.1	Mx	ÖK03	55	74	37	313	55	160	180	12	280	37	ÖK03	SS	
55	2000.05.27	07:49:00	36.229	35.278	6.9	4.2	ML	ER04	65	45	-10	162	83	45	34	36	285	24	ER04	U	
56	2000.06.02	18:45:00	36.734	35.962	11.8	2.7	Mx	ÖK03	260	90	64	170	26	180	14	39	146	39	ÖK03	U	
57	2000.07.04	09:56:00	37.055	35.276	15.7	3.1	Mx	ÖK03	33	49	39	275	61	132	337	7	237	53	ÖK03	TF	
58	2000.09.07	05:34:00	37.023	35.689	20.9	3.4	Mx	ÖK03	50	40	-90	230	50	90	140	85	320	5	ÖK03	NF	
59	2000.12.14	01:58:00	37.357	36.105	7.5	3.2	Mx	ÖK03	5.5	54	59	231	46	125	117	4	216	65	ÖK03	TF	
60	2001.01.17	12:09:55	37.0299	36.1475	8	4.6	mb	ISC	14	48	-99	207	48	-81	222	83	110	3	MED_RCMT	NF	

















61	2001.01.17	12:09:00	37.07	36.205	9.6	4.4	ML	ER04	60	65	-20	159	72	26	21	31	288	5	ER04	SS	
62	2001.01.22	04:56:00	37.021	35.642	25	2.5	Mx	ÖK03	335	70	0	245	90	138	292	14	198	14	ÖK03	SS	
63	2001.03.10	11:20:58	34.9215	26.0647	15	4.8	mb	ISC	268	78	-1	358	89	-168	224	9	132	8	MED_RCMT	SS	
64	2001.06.25	13:28:48	37.19	36.23	4	4.8	Ms	MAM	169	50	-94	335	40	-85	50	84	262	5	MAM	NF	
65	2001.06.25	13:28:49	37.1717	36.2254	8	5.3	mb	ISC	1	75	-92	189	15	-83	268	60	93	30	GCMT	NF	
66	2001.10.18	15:50:29	36.8392	35.2222	11	4.8	mb	ISC	66	87	-56	161	34	-175	6	38	128	33	MED_RCMT	U	
67	2001.10.31	12:33:55	37.2246	36.1679	15	5.1	mb	ISC	38	61	-70	181	34	-122	347	68	114	14	MED_RCMT	NF	
68	2001.10.31	12:33:00	37.259	36.245	6.7	4.9	ML	ER04	35	35	-90	215	55	90	125	80	305	10	ER04	NF	
69	2001.11.04	17:23:27	34.0252	25.4115	10	4.9	mb	ISC	91	56	75	296	56	111	192	10	319	74	MED_RCMT	TF	
70	2002.05.23	01:08:01	37.4073	36.3429	5	4.4	mb	ISC	231	58	-37	343	59	-142	197	47	107	1	MED_RCMT	NS	
71	2002.09.22	12:09:47	34.8534	25.3918	15	4.1	mb	ISC	158	89	151	248	61	1	207	19	109	21	MED_RCMT	SS	
72	2002.10.12	05:58:52	34.8158	26.3414	14	5.2	mb	ISC	161	90	112	252	22	1	230	41	92	41	MED_RCMT	U	
73	2002.11.19	01:25:37	38.0132	38.4755	4.7	5	mb	ISC	247	87	-16	338	74	-177	201	13	294	9	MED_RCMT	SS	
74	2003.01.30	20:20:03	36.0907	27.1454	15	4.5	mb	ISC	210	40	-31	325	71	-125	194	51	80	18	MED_RCMT	NS	
75	2003.05.01	00:27:06	38.9687	40.4061	10	5.8	mb	ISC	242	86	-12	332	78	-176	197	11	288	6	ZUR_RMT	SS	
76	2003.07.13	01:48:24	38.2695	38.9808	15	5.4	mb	ISC	72	89	1	342	89	179	27	0	297	1	GCMT	SS	

















77	2003.09.24	08:13:11	39.6008	38.1864	10	4.7	mb	ISC	183	84	163	275	74	7	230	8	138	16	MED-RCMT	SS	
78	2003.11.03	13:55:25	34.6599	33.1312	8	4.4	mb	ISC	108	68	113	240	31	47	181	20	52	60	ZUR_RMT	TF	
79	2004.08.18	05:57:01	36.7766	34.3394	10	4.5	mb	ISC	26	15	-95	211	75	-89	123	60	300	30	MED-RCMT	NF	
80	2005.03.14	01:55:58	39.3297	40.8796	10	5.4	mb	ISC	194	76	-15	287	75	-165	151	20	241	0	GCMT	SS	
81	2005.07.04	21:33:06	39.1243	36.078	7	4.2	mb	ISC	58	52	-61	196	46	-122	31	67	128	3	ZUR_RMT	NF	
82	2005.11.26	15:56:56	38.2634	38.8999	10	5.2	mb	ISC	237	56	-24	341	70	-143	204	39	106	9	MED_RCMT	SS	
83	2007.07.03	13:53:43	34.93	26.763	4.6	4.6	mb	ISC	254	75	-4	345	86	-165	210	13	119	8	GCMT	SS	
84	2007.08.06	19:35:23	39.538	38.5208	7	4.1	Mw	DDA	291	83	-169	200	79	-7	156	13	65	3	KU2012	SS	
85	2007.08.24	02:53:12	38.1249	37.4593	4.4	5	mb	ISC	237	83	-47	334	43	-170	184	37	295	25	MED-RCMT	U	
86	2007.09.15	05:26:53	37.8467	36.9604	8	4.6	mb	ISC	133	49	76	334	43	105	233	3	339	79	MED_RCMT	TF	
87	2007.09.15	23:28:49	37.7994	36.9318	7	4.5	mb	ISC	149	88	109	244	19	5	221	40	78	44	MED_RCMT	U	
88	2007.10.29	09:23:16	36.9039	29.3044	13	4.9	mb	ISC	116	54	-78	275	37	-107	68	77	197	8	GCMT	NF	
89	2007.10.29	19:41:42	36.8207	29.3086	12	4.5	mb	ISC	76	41	-117	290	54	-69	254	71	5	7	MED_RCMT	NF	
90	2007.10.31	17:58:02	36.8813	29.3014	12	4.3	mb	ISC	73	39	-126	295	60	-65	253	65	8	11	MED_RCMT	NF	
91	2007.12.23	23:55:08	37.5237	35.7263	4	4.1	ML	KOERI	268	51	-5	1	86	39	232	30	128	23	KU2012	U	
92	2008.01.01	00:21:43	37.5333	35.7701	4.8	3.8	Mw	DDA	148	70	-165	53	76	159	9	24	101	4	KU2012	SS	

93	2008.01.22	16:31:55	39.5397	38.6157	5	4	Mw	KOERI	146	78	-160	52	70	-13	10	23	278	5	KU2012	SS	
94	2008.06.04	09:48:18	39.653	38.997	5	4.3	mb	USGS	229	79	158	323	68	12	278	7	185	23	KU2012	SS	
95	2008.06.25	21:12:17	39.5228	37.554	4.7	4.6	ML	DDA	1	82	-172	270	82	172	225	11	315	0	KU2012	SS	
96	2008.08.20	11:01:38	37.6945	37.4878	5	4.4	mb	KOERI	6	41	159	112	76	51	231	22	344	44	KU2012	U	
97	2008.11.12	14:03:18	38.868	35.5427	12	4.7	mb	ISC	226	84	-15	318	75	-174	181	15	273	6	MED_RCMT	SS	
98	2009.07.02	19:47:47	34.0076	25.3347	13	4.8	mb	ISC	81	66	58	318	39	140	194	15	308	57	MED_RCMT	TF	
99	2009.09.16	14:09:43	34.748	33.0857	12	4.6	mb	ISC	189	46	-18	291	77	-135	161	40	53	20	MED_RCMT	NS	
100	2010.02.01	04:01:42	39.5682	37.9794	9	4.1	mb	ISC	85	82	-22	178	68	-171	40	21	133	9	MED_RCMT	SS	
101	2010.03.08	02:32:34	38.7794	40.0319	11	5.8	mb	ISC	228	89	-23	318	67	-179	181	17	276	15	MED_RCMT	SS	
102	2010.08.16	06:41:22	39.7218	38.9226	15.3	3.6	Mw	DDA	335	86	-165	244	75	-4	200	13	109	8	DDA	SS	
103	2010.11.14	23:08:27	36.5783	35.9902	13	5	mb	ISC	24	53	-94	211	37	-84	275	81	117	8	GCMT	NF	
104	2010.11.16	10:50:34	37.3109	36.3893	9	4.5	mb	ISC	5	17	-48	141	77	-102	37	56	241	32	MED_RCMT	NF	
105	2011.08.16	07:53:32	39.0512	35.9181	8	4.3	mb	ISC	65	70	-20	162	71	-159	24	28	293	1	USGS	SS	
106	2011.09.22	03:22:33	39.6597	38.6777	7	5.4	ML	DDA	153	61	-171	59	82	-29	12	26	109	14	DDA	SS	
107	2011.09.22	10:13:59	39.653	38.6832	2	4	ML	DDA	171	89	-173	81	83	-1	36	6	306	4	DDA	SS	
108	2011.09.22	23:20:27	39.6588	38.7005	7.02	4	ML	DDA	54	80	8	323	82	170	8	1	278	13	DDA	SS	

















109	2011.11.23	12:17:50	34.2821	25.0778	11	5.4	mb	ISC	35	61	-93	221	30	-85	297	74	127	16	MED_RCMT	NF	
110	2011.12.03	16:02:43	39.3374	39.116	6.1	4	ML	ATA	45	80	-20	139	70	-169	0	21	93	7	Seyitoğlu18	SS	
111	2012.07.09	13:54:57	35.5785	29.0067	23.4	6	ML	KOERI	200	77	-21	295	69	-166	156	24	248	5	DDA	SS	
112	2012.07.22	09:26:04	37.5678	36.3581	9	5	mb	ISC	233	43	-37	352	66	-126	216	54	108	13	MED_RCMT	NF	
113	2012.09.19	09:17:48	37.3003	37.0949	10	4.9	mb	ISC	212	71	-27	312	64	-159	170	32	263	4	MED_RCMT	SS	
114	2012.09.29	06:44:04	35.2806	27.8428	9	4.5	mb	ISC	29	68	-40	136	53	-153	347	43	86	9	MED_RCMT	NS	
115	2013.09.08	04:59:29	34.7787	25.0938	9	5	mb	ISC	257	77	-3	348	87	-167	213	11	122	7	GCMT	SS	
116	2013.10.23	12:24:23	36.2883	34.3605	8	4.5	mb	ISC	22	71	24	284	67	159	152	2	244	31	ISC	SS	
117	2013.12.28	15:21:03	36.048	31.322	43	5.5	ML	DDA	137	62	85	328	29	100	231	17	34	73	MED_RCMT	TF	
118	2014.03.02	04:25:58	36.7292	35.1583	5	4	mb	ISC	69	45	63	284	51	114	358	3	259	71	MED_RCMT	TF	
119	2014.03.24	01:22:16	35.9966	29.673	2	4.1	mb	ISC	220	62	-20	320	72	-150	182	33	88	7	MED_RCMT	SS	
120	2014.08.21	20:37:18	35.516	27.7334	12	4.4	mb	ISC	149	77	161	243	71	14	197	4	105	23	MED_RCMT	SS	
121	2014.10.03	22:20:45	34.5144	26.3518	13	5	mb	ISC	59	64	51	300	46	142	176	11	281	54	MED_RCMT	TF	
122	2014.11.10	06:16:41	37.092	28.7841	8	4.7	mb	ISC	130	54	-68	276	41	-117	95	71	205	7	MED_RCMT	NF	
123	2015.01.05	11:54:00	34.9453	26.3324	12	4.5	mb	ISC	175	56	126	302	48	49	240	5	142	60	MED_RCMT	TF	
124	2015.02.10	04:11:55	36.0296	35.8943	0	4.5	mb	ISC	228	70	-27	327	65	-158	187	33	279	3	MED_RCMT	SS	











125	2015.02.16	11:52:45	37.1622	30.0352	7	4.8	mb	ISC	187	48	-77	347	44	-104	165	80	268	2	GCMT	NF	
126	2015.03.12	00:39:21	35.4982	27.7962	11	4.5	mb	ISC	226	80	-16	319	74	-170	182	18	273	4	MED_RCMT	SS	
127	2015.04.21	09:37:30	35.0825	26.8511	11	4.2	mb	ISC	215	85	-82	336	10	-148	134	49	298	39	MED_RCMT	U	
128	2015.05.17	04:08:46	34.4711	26.3596	8	4.7	mb	ISC	49	70	68	279	29	135	156	22	288	59	MED_RCMT	TF	
129	2015.05.28	12:59:22	34.9483	26.7981	11	4.2	mb	ISC	18	57	-14	115	79	-147	342	32	243	14	MED_RCMT	SS	
130	2015.09.15	05:04:43	34.7443	25.0159	15	4.6	mb	ISC	34	55	-78	194	37	-106	343	76	115	9	MED_RCMT	NF	
131	2015.11.29	00:28:07	38.8467	37.8342	6.7	4.9	Mw	ACR19	160	86	-171	69	81	4	294	9	294	3	ACR19	SS	
132	2015.12.02	23:27:08	39.2573	40.2482	3	5.4	mb	ISC	218	69	-24	317	68	-157	177	31	268	1	GCMT	SS	
133	2016.04.16	00:10:39	34.9361	25.7013	4	4.7	mb	ISC	180	69	165	275	76	22	47	5	139	25	MED_RCMT	SS	
134	2016.10.15	05:32:55	34.6428	26.523	10	4.6	mb	ISC	221	76	-14	315	76	-166	178	20	88	0	MED_RCMT	SS	
135	2016.12.16	21:21:49	39.5812	39.72	0	4.4	Mw	ISC	78	69	-4	170	85	-159	36	17	302	12	Seyitoğlu18	SS	
136	2017.01.01	13:04:01	34.8837	27.0526	14	4.9	mb	ISC	149	83	141	245	52	9	203	21	99	32	MED_RCMT	U	
137	2017.02.25	21:06:04	37.0168	36.0632	2	4.5	mb	ISC	205	63	-52	325	45	-140	164	55	269	10	MED_RCMT	NF	
138	2017.04.11	22:48:39	33.7782	25.7055	10	4	mb	ISC	81	32	18	336	81	121	41	29	277	46	MED_RCMT	U	
139	2018.03.12	12:35:26	34.5102	23.6177	10	4.8	mb	USGS	139	56	92	315	34	87	228	11	56	79	GCMT	TF	
140	2018.04.02	09:46:32	35.3946	26.5111	10	4.3	mb	USGS	45	31	-81	215	59	-95	110	75	308	14	ATH	NF	

141	2018.04.13	17:14:00	37.158	31.9355	10	4.9	mb	USGS	7	36	-91	188	54	-89	102	81	278	9	GCMT	NF	
142	2018.07.13	12:42:41	35.033	25.9702	10	4.7	mb	USGS	5	67	-163	268	74	-24	225	28	318	5	GCMT	SS	
143	2018.09.18	05:00:21	34.7118	24.6371	0	4.3	mb	IDC	31	16	-145	267	81	-77	192	52	346	35	ATH	NF	
144	2018.09.18	05:04:17	34.5258	24.5587	10	4.5	mb	USGS	74	14	-101	266	76	-87	179	59	353	31	ATH	NF	
145	2018.11.25	02:40:12	35.7473	28.4445	10	4.5	Mw	USGS	42	73	152	141	63	20	94	6	360	32	USGS	SS	
146	2019.01.01	11:40:03	34.676	23.822	13	4.9	mb	ISC	208	83	-36	303	54	-171	159	30	261	19	GCMT	SS	
147	2019.01.20	15:49:50	35.6046	28.2928	10	4.9	Mw	USGS	48	74	177	139	87	16	272	9	5	13	USGS	SS	
148	2019.08.03	09:51:24	35.2241	27.845	10	5	mb	USGS	209	50	-62	349	47	-119	186	69	280	1	GCMT	NF	
149	2019.08.27	04:31:21	35.6238	27.6984	10	4.4	mb	USGS	108	76	170	201	81	15	334	3	65	17	ATH	SS	
150	2019.08.28	11:58:18	35.6836	27.636	10	5.2	mb	USGS	102	72	161	198	72	19	150	0	60	26	ATH	SS	
151	2019.09.04	01:01:32	35.1737	27.8965	14	4.6	mb	USGS	23	42	-118	238	54	-67	205	71	313	6	GCMT	NF	
152	2019.09.24	07:48:57	34.2103	26.2481	10	5.6	mb	USGS	78	75	61	323	33	151	190	24	315	51	GCMT	U	
153	2019.10.03	04:44:56	36.257	28.588	18.7	5.1	Mw	USGS	226	31	81	56	60	95	143	14	341	75	USGS	TF	
154	2019.10.24	21:06:47	36.4616	28.674	10	4.6	mb	USGS	17	48	118	158	48	62	268	1	359	70	GCMT	TF	
155	2019.12.03	09:46:01	35.24	27.23	10	4.4	mb	GFZ	227	69	-43	335	50	-153	184	45	285	11	ATH	NS	
156	2019.12.06	08:45:38	35.0783	23.8172	0	4.4	mb	IDC	220	72	-15	315	76	-161	178	23	87	3	ATH	SS	

157	2019.12.07	14:34:55	35.0951	23.8813	0	4.1	mb	IDC	187	71	-28	287	63	-158	145	33	238	5	ATH	SS	
158	2019.12.07	14:46:55	35.1825	23.8663	0	4.2	mb	IDC	210	80	-19	304	72	-169	166	20	258	6	ATH	SS	
159	2020.01.24	17:55:13	38.39	39.088	10	6.7	Mw	USGS	337	78	-170	245	80	-12	201	15	291	2	USGS	SS	
160	2020.01.25	16:30:11	38.362	39.11	10	5.1	Mw	USGS	234	76	-13	327	77	-166	191	19	100	1	USGS	SS	
161	2020.01.31	23:32:51	38.496	39.338	10	4.7	Mw	USGS	210	76	-9	302	81	-166	167	16	76	4	USGS	SS	
162	2020.02.07	02:24:00	34.9	26.64	10	4.5	mb	GFZ	129	19	-103	322	71	-86	240	63	49	26	ATH	NF	
163	2020.02.07	03:11:46	34.82	26.54	10	4.6	mb	GFZ	119	30	-125	338	66	-72	279	64	54	19	ATH	NF	
164	2020.11.29	00:19:28	34.9163	23.3625	9	4.5	mb	ISC	128	86	173	218	83	4	173	2	83	8	MED_RCMT	SS	
165	2020.04.15	07:40:05	35.8758	35.4675	10	4.7	ML	KOERI	128	85	175	37	84	6	353	0	83	7	DDA	SS	
166	2020.05.20	02:12:17	34.299	25.866	6.6	4.8	Mw	USGS	109	87	-161	18	71	-3	335	15	242	11	USGS	SS	
167*	2004.09.28	08:02:59	36.775	34.34	15	4.1	mb	KOERI	220	75	-60	334	33	-152	164	51	287	24	This study	U	
168*	2004.09.30	09:42:31	39.626	38.536	5	4.1	mb	KOERI	357	80	165	90	75	10	44	3	313	18	This study	SS	
169*	2006.01.15	16:45:59	39.652	38.789	10	4	mb	KOERI	159	82	145	255	55	10	212	18	111	30	This study	SS	
170*	2006.01.26	18:42:02	36.875	35.931	11	4.2	mb	KOERI	152	80	-170	60	80	-10	16	14	106	0	This study	SS	
171*	2006.02.09	10:03:24	39.015	37.162	5	4.1	ML	KOERI	260	75	30	161	61	163	28	9	124	32	This study	SS	
172*	2006.03.15	21:06:42	37.4547	37.5885	3.7	4.1	ML	KOERI	215	85	-15	306	75	-175	170	14	262	7	This study	SS	

173*	2006.04.06	15:53:01	37.267	34.748	5	4	mb	KOERI	290	85	50	194	40	172	51	29	165	37	This study	U	
174*	2009.01.17	07:45:27	37.133	36.358	10	4.1	Mw	KOERI	143	71	159	240	70	20	192	1	101	28	This study	SS	
175*	2009.07.24	05:48:20	37.491	35.743	10	4.1	Mw	KOERI	40	75	-80	186	18	-123	324	59	122	29	This study	NF	
176*	2009.10.13	04:22:57	37.094	36.081	5.5	4	mb	KOERI	316	76	164	50	75	15	3	1	273	21	This study	SS	
177*	2010.01.24	19:59:54	37.59	35.62	2	4.2	mb	KOERI	65	85	-65	166	25	-168	360	44	134	35	This study	U	
178*	2010.06.07	21:45:07	37.745	36.102	12	4.2	ML	KOERI	45	45	-90	225	45	-90	45	90	315	0	This study	NF	
179*	2010.06.08	04:26:15	37.747	36.125	10	4.2	ML	KOERI	45	60	-90	225	30	-90	315	75	135	15	This study	NF	
180*	2010.08.05	05:31:12	37.724	35.551	7.6	4.2	ML	KOERI	60	85	-65	161	25	-168	355	44	129	35	This study	U	
181*	2011.04.03	23:42:18	36.4938	28.7715	5	4	ML	KOERI	30	55	85	219	35	97	124	10	281	79	This study	TF	
182*	2011.09.07	13:30:19	37.37	36.32	10	4	ML	KOERI	10	70	-75	152	25	-125	303	62	88	24	This study	NF	
183*	2011.09.22	10:13:59	39.6995	38.7183	2	4.2	ML	KOERI	250	80	35	153	56	168	17	16	117	31	This study	SS	
184*	2011.09.22	22:50:05	39.659	38.695	9	4.3	ML	KOERI	65	90	-25	155	65	-180	17	17	113	17	This study	SS	
185*	2011.09.22	23:20:27	39.659	38.701	7	4	ML	KOERI	153	66	-141	45	55	-30	13	44	277	7	This study	NS	
186*	2011.09.30	04:27:30	39.65	38.69	5	4.4	ML	KOERI	35	75	-30	134	61	-163	351	32	87	9	This study	SS	
187*	2011.09.30	20:40:14	38	35.16	5	4.3	ML	KOERI	113	71	159	210	70	20	162	1	71	28	This study	SS	
188*	2011.11.22	04:50:37	39.025	35.893	11.1	4.5	ML	KOERI	161	67	-153	60	65	-25	21	35	290	1	This study	SS	

189*	2012.05.03	06:24:26	36.04	33.762	15.2	4	ML	KOERI	50	90	20	320	70	180	183	14	277	14	This study	SS	
190*	2012.09.16	07:54:15	37.506	35.663	16	4.7	ML	KOERI	348	84	-130	250	40	-10	223	38	109	28	This study	U	
191*	2012.12.24	04:14:24	37.85	37.018	12.4	4	ML	KOERI	347	85	-155	255	65	-5	214	21	118	14	This study	SS	
192*	2013.12.30	00:02:47	37.86	38.29	8	3.6	ML	KOERI	226	76	-154	130	65	-15	90	28	356	7	This study	SS	
193*	2015.07.30	15:04:08	34.2698	33.7855	15.3	4.7	ML	KOERI	95	60	-40	208	56	-143	60	48	152	2	This study	NS	
194*	2016.09.21	14:25:23	36.9050	34.4543	5.4	3.7	ML	KOERI	25	90	-80	115	10	-180	305	44	105	44	This study	U	
195*	2018.12.27	18:01:11	39.6267	38.525	1.3	4.1	ML	KOERI	160	90	-100	70	10	0	60	44	260	44	This study	U	
196*	2018.12.27	14:36:49	39.5677	38.5422	13.8	4.2	ML	KOERI	5	75	75	231	21	134	107	28	255	57	This study	TF	
197*	2019.02.11	16:38:03	36.5225	28.8355	10.7	4	ML	KOERI	125	70	-45	234	48	-153	80	45	184	13	This study	NS	
198*	2019.03.20	06:34:25	37.4425	29.44	5	5.7	ML	KOERI	350	55	-50	114	51	-133	319	58	53	2	This study	NF	
199*	2019.03.20	06:38:19	37.4742	29.4165	6.9	4.8	ML	KOERI	321	64	134	75	50	35	21	8	281	50	This study	TS	
200*	2019.03.25	11:29:25	38.7685	38.0625	6.7	4.7	ML	KOERI	240	85	-30	333	60	-174	192	24	290	17	This study	SS	
201*	2019.03.31	11:30:15	37.4707	29.3768	6.2	5.1	ML	KOERI	354	77	-98	205	15	-60	254	57	91	32	This study	NF	
202*	2019.04.29	08:21:56	35.335	31.7683	11.6	3.2	ML	KOERI	325	90	25	235	65	180	97	17	193	17	This study	SS	
203*	2019.06.19	00:45:30	39.5808	38.5953	5	4.3	ML	KOERI	177	61	-118	45	40	-50	41	63	287	12	This study	NF	
204*	2019.11.05	20:14:03	37.4973	35.8827	7.8	2.9	ML	KOERI	282	76	-111	160	25	-35	166	54	29	28	This study	NF	

205*	2019.11.05	21:01:22	35.5257	31.6767	8.3	3.2	ML	KOERI	148	80	170	240	80	10	14	0	104	14	This study	SS	
206*	2019.11.10	20:38:10	37.7397	35.5557	5.2	3.2	ML	KOERI	238	54	127	5	50	50	303	2	209	61	This study	TF	
207*	2019.11.16	18:14:10	36.7737	30.0007	69.5	4.4	ML	KOERİ	123	80	170	215	80	10	349	0	79	14	This study	SS	
208*	2020.02.22	22:26:39	37.3927	31.4812	5	4.6	ML	KOERI	180	80	-80	315	14	-135	102	54	261	34	This study	NF	
209*	2020.03.15	10:35:31	37.5335	36.0163	5	4	ML	KOERI	338	71	159	75	70	20	27	1	296	28	This study	SS	
210*	2020.05.09	15:41:19	39.3342	38.3773	4.4	4	ML	KOERI	0	55	-120	225	45	-55	212	65	111	5	This study	NF	
211*	2020.09.27	19:56:17	36.9647	34.4295	5	3.1	ML	KOERI	190	85	80	74	11	153	289	39	89	49	This study	U	
212*	2020.09.28	02:47:19	35.8193	30.0068	5	3.6	ML	KOERI	92	84	125	190	35	10	154	31	34	41	This study	U	
213*	2021.02.02	00:02:42	39.0970	36.0983	5	4.7	ML	KOERI	250	75	-40	352	52	-161	204	38	306	15	This study	SS	
214	2022.01.05	03:21:18	36.07	31.21	48	5	Mw	GFZ	146	58	95	315	31	81	232	13	71	76	GFZ	TF	

Str.: Strike; **Dip:** Dip; **Rake:** Rake; **Pazm:** Pressure azimuth; **Pplg:** Pressure plunge; **Tazm:** Tension azimuth; **Tplg:** Tension plunge; **ML:** local magnitude; **mb:** body wave magnitude; **Ms:** surface wave magnitude; **Mw:** moment magnitude; **Mx:** Unknown magnitude type; **NF:** Normal Fault; **NS:** Normal Slip; **SS:** Strike Slip; **TS:** Thrust Slip; **TF:** Thrust Fault; **U:** Unknown Stress Regime (Tectonic stress regimes are from; Zoback, 1992); **DDA:** Republic Of Turkey Prime Ministry Disaster and Emergency Management Authority Presidential of Earthquake Department. <http://www.deprem.gov.tr/sarbis/Veritabani>; **ISC:** International Seismological Centre. Focal Mechanism Catalog. <http://www.isc.ac.uk/iscbulletin/search/fmechanisms/>; **ISC-EHB:** ISC-EHB Bulletin. International Seismological Centre (2020). On-line Bulletin. <https://doi.org/10.31905/D808B830>; **KU2012:** Kılıç and Utkucu. 2012; **MED-RCMT:** Pondrelli 2002 <https://doi.org/10.13127/rcmt/euromed>; **KOERİ:** Boğaziçi University Kandilli Observatory and Earthquake Research Institute Regional Earthquake-Tsunami Monitoring Center. <http://www.koeri.boun.edu.tr/sismo/zeqdb/>; **ZUR_RMT:** The Swiss Seismological Servis / Zurich Moment Tensors. <http://seismo.ethz.ch/info/mt.html>; **GCMT:** Ekström et al. 2012. <https://doi.org/10.1016/j.pepi.2012.04.002>; **GFZ:** GEOFON data centre of the GFZ German Research Centre for Geosciences. [doi:10.14470/TR560404](https://doi.org/10.14470/TR560404). **USGS:** U.S. Geological Survey. USGS. USA <https://earthquake.usgs.gov/earthquakes/search/>; **KLC2017:** Kılıç et al. 2017; **ATH:** National Observatory of Athens; **ER99:** Ergin 1999; **ER04:** Ergin et al. 2004; **Seyitoğlu18:** Seyitoğlu et al. 2018; **ACR19:** Acael et al. 2019; **ÖK03:** Ökeler. 2003; **ATA:** Ataturk University Earthquake Research Center.

Please see the article (<https://doi.org/10.25288/tjb.1015537>) for references list