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Supporting Information for "A reappraisal of active tectonics along the Fethiye-Burdur trend, southwestern Turkey"

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(i) Figure S1: comparison between focal depths from calibrated earthquake relocations and centroid depths from regional waveform modelling

(ii) Table S1: regional moment tensor solutions

(iii) Table S2: calibrated earthquake relocations

(iv) Table S3: collated earthquake focal mechanism data

(v) References

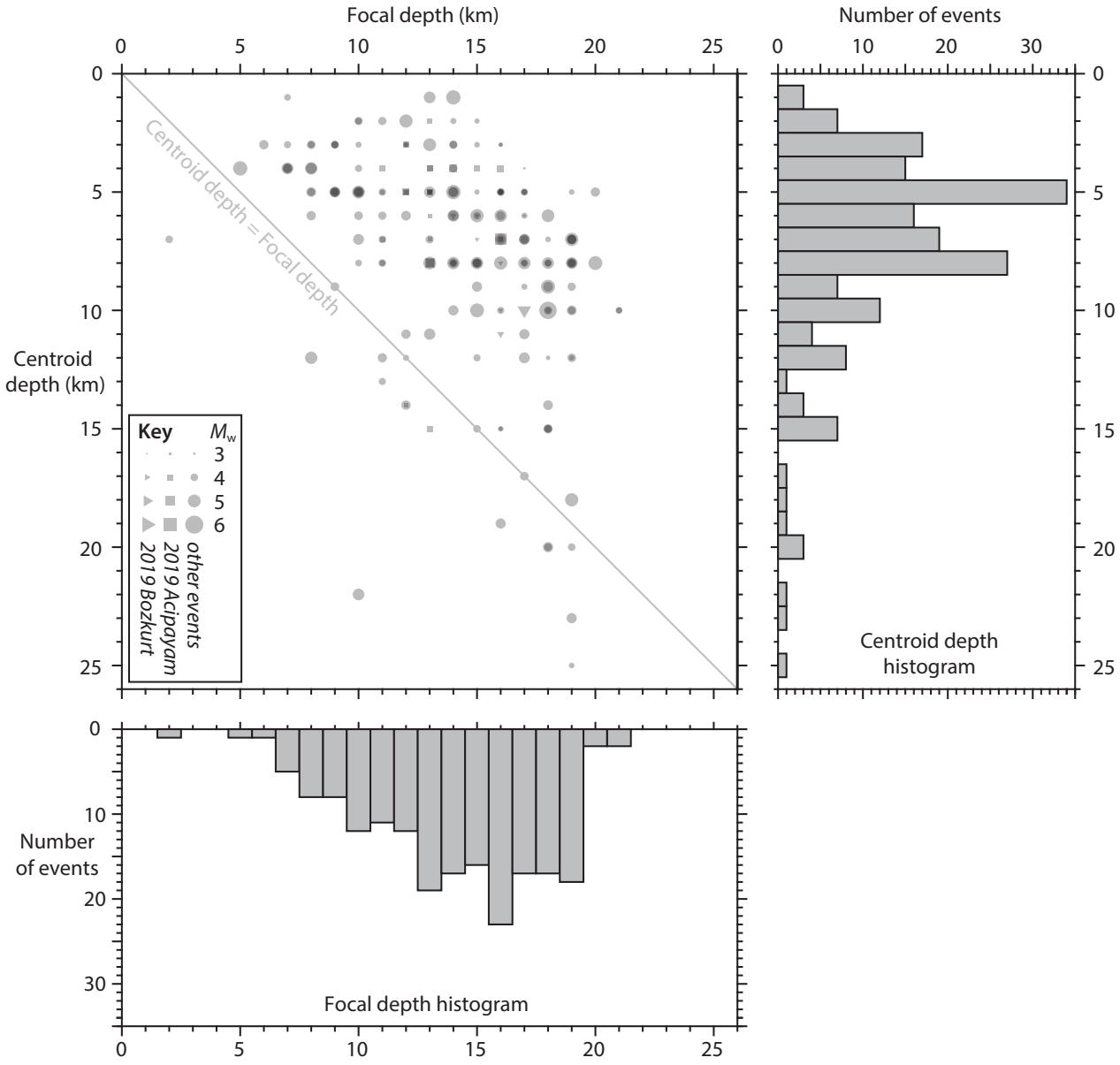

Figure S1. Comparison between crustal earthquake focal depths estimated using *Mloc* (from Karasözen et al. (2016, 2018) and this study) and centroid depths estimated from regional waveform modelling studies (from Över et al. (2010, 2013, 2016a,b); Irmak (2013); Görgün (2014); Cambaz & Mutlu (2016); Karasözen et al. (2016, 2018); and this study). To our knowledge, 190 earthquakes have been assessed using both methods within the region shown in Figure 3 of the main paper. The main plot shows the individual events scaled by moment magnitude, with the March–April 2019 Acıpayam and August 2019 Bozkurt sequences represented by squares and triangles and other earthquakes by circles. Below the main plot is a histogram of focal depths and to the right is a histogram of centroid depths.

Table S1: Regional moment tensor solutions obtained in this study. Hypocenters were determined using the *mloc* program (Bergman & Solomon 1990; Walker et al. 2011), with FD the focal depth in kilometers. Centroid parameters were determined using the ISOLA software (Sokos & Zahradník 2008, 2013), where CD is the centroid depth in kilometers, DC is the double couple component in %, VR is variance reduction, CN is the condition number, FMVAR is the focal mechanism variability index, STVAR is the space time variability index, # is the number of stations used, and filter is the frequency band used.

Table S1:

Date	Time	mloc			ISOLA																		
							Nodal plane 1			Nodal plane 2			P axis		T axis								
		Lat (°)	Lon (°)	FD	CD	M_w	Strike	Dip	Rake	Strike	Dip	Rake	Azimuth	Plunge	Azimuth	Plunge	M_0 (Nm)	DC (%)	VR	CN	FMVAR	STVAR	#	Filter (Hz)
2017.11.22	20:22:52	37.1125	28.5984	12	2	5.0	314	64	−67	91	34	−128	263	64	28	16	4.00×10^{16}	47.0	0.79	3.1	15±11	0.02	6	0.04–0.09
2017.11.24	21:49:15	37.1009	28.6146	14	1	5.3	319	77	−74	87	21	−140	249	55	36	30	9.99×10^{16}	63.4	0.74	6.3	19±12	0.02	7	0.04–0.09
2019.03.20	01:41:48	37.4294	29.4636	13	7	3.7	349	42	−84	161	48	−95	23	85	254	3	4.14×10^{14}	98.4	0.66	1.6	7±8	0.13	6	0.04–0.09
2019.03.20	06:34:27	37.4243	29.4669	16	7	5.6	324	43	−76	125	48	−103	330	80	224	3	3.49×10^{17}	78.7	0.84	2.3	5±6	0.14	15	0.01–0.06
2019.03.20	08:00:27	37.3995	29.4331	13	4	4.0	327	43	−63	112	53	−113	323	71	218	5	1.26×10^{15}	77.2	0.73	1.8	11±11	0.09	14	0.04–0.09
2019.03.20	12:45:42	37.4476	29.4178	12	5	4.2	331	62	−61	101	39	−133	286	61	40	13	2.49×10^{15}	88.0	0.70	2.1	16±13	0.13	14	0.04–0.09
2019.03.20	12:57:00	37.4641	29.3995	12	5	3.6	251	51	−100	87	40	−77	113	80	348	6	2.86×10^{14}	91.9	0.75	1.7	7±5	0.09	7	0.07–0.15
2019.03.20	14:20:05	37.4790	29.4141	12	14	3.5	18	82	−84	174	9	−114	293	53	105	36	2.34×10^{14}	92.9	0.72	2.0	5±3	0.27	13	0.04–0.09
2019.03.20	17:04:17	37.3965	29.4727	13	4	4.2	310	39	−80	118	51	−98	348	81	213	6	2.51×10^{15}	85.5	0.63	1.9	5±6	0.06	13	0.04–0.09
2019.03.20	17:42:54	37.4083	29.4544	16	4	4.3	323	37	−72	121	55	−103	315	76	220	10	4.18×10^{15}	92.4	0.74	1.8	6±8	0.07	16	0.04–0.09
2019.03.20	18:41:52	37.4046	29.4508	15	4	4.0	335	40	−69	128	53	−107	346	75	230	7	1.23×10^{15}	95.5	0.73	1.8	7±8	0.07	12	0.04–0.09
2019.03.21	01:21:59	37.4431	29.4470	13	4	3.8	48	24	175	143	88	66	255	38	30	42	6.19×10^{14}	86.9	0.75	2.6	13±5	0.07	10	0.06–0.11
2019.03.22	08:20:46	37.4495	29.4152	11	4	4.1	321	64	−73	106	31	−121	262	67	38	17	1.75×10^{15}	94.4	0.67	2.5	18±13	0.11	13	0.06–0.10
2019.03.22	15:32:46	37.4865	29.4120	13	15	4.2	280	88	−116	186	26	−4	166	41	33	38	2.49×10^{15}	64.1	0.79	1.9	9±7	0.26	11	0.04–0.09
2019.03.24	00:26:12	37.4256	29.4605	13	5	3.6	294	37	−61	79	59	−110	306	70	183	11	3.56×10^{14}	70.9	0.66	2.0	7±6	0.08	7	0.05–0.10
2019.03.24	16:17:02	37.4643	29.4280	13	5	4.0	326	64	−54	87	44	−141	283	55	31	12	1.26×10^{15}	69.7	0.73	2.2	12±9	0.1	7	0.06–0.10
2019.03.25	06:15:27	37.3995	29.4311	12	5	4.3	324	36	−76	127	56	−100	5	77	224	10	3.45×10^{15}	85.2	0.74	2.0	12±14	0.12	15	0.04–0.09

Table S1: *continued*

Date	Time	mloc			ISOLA																		
							Nodal plane 1			Nodal plane 2			P axis		T axis								
		Lat (°)	Lon (°)	FD	CD	M_w	Strike	Dip	Rake	Strike	Dip	Rake	Azimuth	Plunge	Azimuth	Plunge	M_0 (Nm)	DC (%)	VR	CN	FMVAR	STVAR	#	Filter (Hz)
2019.03.25	11:48:58	37.4952	29.4318	11	7	3.8	66	48	−115	281	48	−65	264	72	173	0	6.87×10^{14}	75.1	0.76	2.0	9±6	0.14	6	0.07–0.15
2019.03.25	14:35:32	37.4930	29.4167	13	6	3.7	235	65	−99	75	27	−72	127	69	331	19	4.83×10^{14}	87.3	0.85	1.7	7±4	0.23	6	0.05–0.10
2019.03.27	11:27:02	37.4599	29.4110	14	4	4.5	306	74	−94	141	16	−76	210	60	40	29	6.24×10^{15}	88.0	0.70	1.8	29±20	0.24	11	0.04–0.09
2019.03.30	22:09:06	37.4373	29.4241	13	5	3.9	335	74	−53	85	39	−155	283	48	38	21	8.24×10^{14}	91.3	0.84	1.9	14±8	0.28	7	0.04–0.09
2019.03.31	11:30:15	37.4671	29.3867	13	8	5.0	347	68	−100	192	23	−67	241	65	85	23	4.12×10^{16}	82.8	0.76	1.7	9±6	0.22	14	0.03–0.08
2019.03.31	11:45:33	37.4710	29.3416	12	3	4.2	337	74	−103	196	20	−53	229	59	77	28	2.40×10^{15}	92.1	0.71	2.6	25±20	0.24	7	0.03–0.09
2019.03.31	13:54:04	37.4957	29.3497	11	5	3.6	237	89	−177	147	87	−1	102	3	12	2	2.79×10^{14}	79.0	0.73	1.7	3±2	0.19	7	0.07–0.16
2019.04.01	01:49:29	37.4578	29.3909	13	8	4.5	308	76	−103	173	19	−47	200	57	49	30	7.64×10^{15}	94.1	0.68	1.5	9±5	0.11	15	0.04–0.09
2019.04.01	03:16:50	37.4532	29.4602	16	7	3.6	331	51	−96	162	39	−82	207	82	66	6	2.89×10^{14}	71.6	0.69	2.1	3±1	0.09	7	0.07–0.15
2019.04.04	15:01:17	37.4877	29.3353	13	9	4.3	355	71	−106	217	25	−50	241	61	98	24	3.79×10^{15}	92.9	0.81	1.5	8±5	0.2	15	0.04–0.09
2019.07.21	01:57:18	37.3177	29.8351	17	8	3.6	349	29	−106	187	63	−81	116	71	271	17	3.36×10^{14}	99.2	0.74	2.0	6±3	0.2	11	0.05–0.13
2019.08.08	11:19:35	37.8954	29.5986	16	11	4.1	304	38	−63	91	57	−110	315	71	195	10	1.57×10^{15}	72.9	0.88	1.6	4±2	0.24	11	0.04–0.09
2019.08.08	11:25:29	37.8895	29.6113	17	10	5.8	95	52	−94	283	38	−84	342	82	188	7	6.43×10^{17}	98.8	0.83	1.8	2±1	0.26	17	0.01–0.06
2019.08.08	12:38:21	37.8464	29.6732	15	7	3.6	237	40	−98	67	51	−83	17	82	152	5	3.55×10^{14}	89.0	0.67	2.2	2±1	0.09	9	0.07–0.15
2019.08.08	14:24:42	37.8498	29.7213	15	6	3.7	347	54	−125	217	49	−52	197	62	101	3	3.92×10^{14}	95.1	0.69	2.1	7±3	0.12	11	0.07–0.15
2019.08.08	20:50:13	37.8483	29.7498	16	8	3.7	65	33	−92	248	57	−89	162	78	337	12	3.92×10^{14}	90.9	0.85	1.8	4±2	0.23	11	0.04–0.09
2019.08.14	11:29:23	37.8427	29.6656	13	5	3.9	272	54	−71	61	40	−114	234	73	348	7	8.56×10^{14}	94.7	0.77	1.9	15±13	0.15	11	0.04–0.09
2019.08.20	04:37:08	37.8340	29.7228	14	6	4.0	267	65	−95	98	26	−81	168	70	1	20	1.46×10^{15}	90.4	0.84	1.9	6±3	0.2	11	0.04–0.09
2019.08.21	12:28:25	37.8822	29.6010	16	10	3.6	92	45	−102	289	46	−78	277	81	10	1	3.58×10^{14}	78.4	0.80	1.6	4±2	0.23	11	0.04–0.09

Table S2: Calibrated epicenters of all earthquakes relocated in this study. Focal depth is in kilometers, with a superscript code that describes the source of the depth constraint: m for free depth solution, n for near-source station readings ($<0.25^\circ$ epicentral distance), l for local-source station readings ($>0.25^\circ$) and c for fixed, cluster-default depths. Mag. is the magnitude given in the ISC Bulletin. A1 and L1 are the azimuth (in degrees clockwise from north) and length (in kilometers) of the semi-minor axis of the 90% confidence ellipse, and A2 and L2 are the semi-major axis azimuth and length. Area is that of the 90% confidence ellipse in km^2. Note that there are a few earthquakes common to two clusters.

Table S2:

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
1958.12.19	03:27:26.57	37.80878	29.49266	15.00^c	M_S 4.5	302	2.33	32	4.96	36.2	Burdur
1963.03.11	07:27:18.27	37.94756	29.12010	15.00^c	M_S 5.4	278	1.86	8	2.68	15.7	Burdur
1964.01.30	17:45:50.91	37.38976	29.87046	15.00^c	m_b 5.3	283	1.80	13	2.51	14.2	Burdur
1965.06.13	20:01:47.16	37.82381	29.34929	15.00^c	m_b 5.3	293	1.35	23	1.82	7.7	Burdur
1965.06.17	02:58:21.12	37.78498	29.38366	15.00^c	m_b 4.9	86	2.35	176	3.73	27.6	Burdur
1965.12.02	06:45:51.70	37.69852	29.25495	15.00^c	–	44	2.52	134	4.18	33.1	Burdur
1966.01.22	00:23:40.81	37.68075	29.91967	15.00^c	m_b 4.9	345	2.44	75	2.82	21.6	Burdur
1967.11.13	06:50:29.77	37.92186	28.92388	15.00^c	m_b 4.5	273	2.88	3	5.45	49.3	Burdur
1971.02.20	07:15:19.66	37.85116	29.42582	15.00^c	m_b 4.7	282	1.84	12	3.05	17.6	Burdur
1971.02.26	11:54:39.45	37.51571	29.79045	15.00^c	–	337	2.61	67	3.28	26.9	Burdur
1971.03.08	22:44:46.01	37.49049	29.72947	15.00^c	m_b 4.9	289	2.03	19	2.82	18.0	Burdur
1971.05.12	06:25:11.17	37.59624	29.72530	15.00^c	M_S 6.1	279	1.36	9	1.72	7.4	Burdur
1971.05.12	10:10:22.59	37.50577	29.64390	15.00^c	m_b 4.9	314	3.35	44	4.88	51.4	Burdur
1971.05.12	10:10:33.61	37.53878	29.72002	15.00^c	m_b 5.5	291	1.25	21	1.50	5.9	Burdur
1971.05.12	12:57:21.38	37.54087	29.62614	15.00^c	m_b 5.4	302	1.40	32	1.71	7.5	Burdur
1971.05.12	15:11:48.53	37.59681	30.00806	15.00^c	m_b 4.5	294	3.88	24	4.58	55.8	Burdur
1971.05.12	17:12:23.22	37.60443	29.93475	15.00^c	m_b 4.6	304	1.69	34	2.79	14.8	Burdur
1971.05.12	17:47:59.29	37.42663	29.67236	15.00^c	–	276	3.49	6	5.23	57.3	Burdur
1971.05.12	19:02:23.09	37.54002	29.70818	15.00^c	m_b 4.5	299	3.20	29	4.66	46.8	Burdur
1971.05.12	20:13:04.59	37.56034	29.82685	15.00^c	m_b 4.9	309	1.71	39	2.34	12.6	Burdur
1971.05.13	04:07:20.04	37.57104	29.89247	15.00^c	m_b 4.5	298	2.60	28	3.04	24.8	Burdur
1971.05.13	04:45:27.00	37.52396	29.77804	15.00^c	m_b 4.8	286	1.63	16	2.57	13.2	Burdur
1971.05.13	08:14:32.76	37.56762	29.92163	15.00^c	m_b 4.6	290	1.81	20	3.86	22.0	Burdur
1971.05.13	08:30:22.73	37.62360	29.99982	15.00^c	m_b 4.7	303	3.61	33	4.73	53.6	Burdur
1971.05.13	13:28:36.39	37.62978	29.96287	15.00^c	m_b 4.7	291	1.79	21	3.03	17.0	Burdur
1971.05.13	22:47:06.66	37.66128	29.85302	15.00^c	m_b 4.5	327	3.06	57	3.60	34.6	Burdur
1971.05.13	23:32:52.29	37.58910	29.94849	15.00^c	m_b 4.7	345	3.90	75	5.86	71.8	Burdur
1971.05.14	04:18:28.61	37.57203	29.80170	15.00^c	m_b 4.3	333	3.10	63	3.57	34.8	Burdur
1971.05.14	22:18:20.41	37.64894	30.00064	15.00^c	m_b 4.7	320	1.88	50	2.62	15.5	Burdur
1971.05.14	22:51:08.05	37.46476	29.59121	15.00^c	m_b 4.7	297	2.00	27	2.51	15.7	Burdur

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
1971.05.16	05:27:48.37	37.59392	29.89781	15.00^c	m_b 4.7	326	3.84	56	5.06	61.1	Burdur
1971.05.16	08:39:31.23	37.54931	29.88667	15.00^c	m_b 4.4	301	3.21	31	3.99	40.3	Burdur
1971.05.16	09:24:58.68	37.54501	29.72501	15.00^c	m_b 4.9	289	2.18	19	2.93	20.1	Burdur
1971.05.17	14:16:14.92	37.65237	29.86976	15.00^c	m_b 4.8	288	1.91	18	2.40	14.4	Burdur
1971.05.18	02:03:52.94	37.54253	29.77910	15.00^c	–	325	3.38	55	5.05	53.7	Burdur
1971.05.20	01:14:34.94	37.61596	29.88965	17.00^l	m_b 4.5	307	2.52	37	4.12	32.6	Burdur
1971.05.20	03:06:43.12	37.61135	29.89735	19.00^l	m_b 4.8	301	1.97	31	2.48	15.4	Burdur
1971.05.21	09:41:12.49	37.48084	29.64643	15.00^c	m_b 4.8	282	1.62	12	2.80	14.2	Burdur
1971.05.23	01:02:51.12	37.62389	30.03931	10.00^l	m_b 4.4	302	2.54	32	3.09	24.6	Burdur
1971.05.23	05:19:07.07	37.63184	30.06168	9.00^l	m_b 4.6	302	3.27	32	3.81	39.2	Burdur
1971.05.24	11:17:46.48	37.54580	29.87210	11.00^l	m_b 4.7	287	2.71	17	3.64	30.9	Burdur
1971.06.08	16:59:24.90	37.51869	29.78503	15.00^c	m_b 5.0	312	1.86	42	3.01	17.5	Burdur
1971.06.08	23:42:52.50	37.58185	29.79290	15.00^c	m_b 4.8	294	1.36	24	1.86	8.0	Burdur
1971.06.09	02:57:25.37	37.56010	29.76675	15.00^c	–	327	2.94	57	4.56	42.0	Burdur
1971.06.28	23:37:39.76	37.59967	29.91191	15.00^c	m_b 4.8	282	1.68	12	2.57	13.6	Burdur
1971.06.29	04:26:28.88	37.55343	29.88851	15.00^c	m_b 4.6	308	2.22	38	2.77	19.3	Burdur
1971.09.05	12:19:56.38	37.29772	30.23151	15.00^c	m_b 4.6	318	2.97	48	3.39	31.7	Burdur
1971.09.09	15:10:01.67	37.29691	30.23009	15.00^c	m_b 5.3	295	1.39	25	1.74	7.6	Burdur
1971.09.28	05:10:21.81	37.23677	30.14096	15.00^c	m_b 4.7	288	2.24	18	3.36	23.6	Burdur
1971.10.06	01:46:37.35	38.37153	30.16057	15.00^c	m_b 4.5	330	1.60	60	2.53	12.7	Burdur
1971.10.09	22:29:13.29	37.26349	30.26120	15.00^c	m_b 4.5	322	2.93	52	4.59	42.2	Burdur
1971.10.21	07:11:33.75	37.85769	30.18358	15.00^c	m_b 4.5	299	2.95	29	3.58	33.2	Burdur
1973.02.07	20:08:19.30	37.60237	29.66117	15.00^c	–	312	2.92	42	3.48	31.9	Burdur
1974.02.05	18:23:22.82	37.33176	29.64431	15.00^c	m_b 4.5	276	1.79	6	4.17	23.5	Burdur
1974.12.24	10:27:41.42	37.55988	29.83595	16.00^l	m_b 4.7	287	1.00	17	3.15	9.9	Burdur
1976.05.14	01:23:11.48	37.82666	29.44225	15.00^c	m_b 4.2	329	3.20	59	4.89	49.1	Burdur
1976.08.19	01:12:37.92	37.74749	28.94543	16.00^l	m_b 5.1	330	2.03	60	2.59	16.5	Burdur
1977.09.10	06:56:30.58	37.96455	28.61941	15.00^c	–	285	2.48	15	3.65	28.5	Burdur
1978.01.11	03:57:45.86	37.51471	28.75336	15.00^c	m_b 4.9	83	2.35	173	2.59	19.1	Burdur
1978.07.29	04:34:40.97	37.58245	30.04302	15.00^c	m_b 4.7	303	1.69	33	2.44	13.0	Burdur
1979.08.22	11:47:29.26	38.07624	28.82303	15.00^c	m_b 4.1	8	2.81	98	3.40	30.0	Burdur
1979.08.23	17:35:10.03	38.03804	28.87503	15.00^c	m_b 4.2	274	1.80	4	2.13	12.1	Burdur
1980.10.02	23:08:11.59	38.06989	30.83404	15.00^c	m_b 4.3	297	1.61	27	2.08	10.5	Beyşehir
1982.01.09	18:46:54.53	37.91532	28.85430	15.00^c	m_b 4.5	2	2.46	92	2.96	22.9	Burdur
1983.03.24	10:55:56.82	37.19991	29.32072	10.00^c	m_b 4.6	19	0.78	109	1.87	4.6	Çameli
1983.06.24	14:47:49.48	37.85661	29.48788	15.00^c	m_b 4.4	314	2.30	44	2.59	18.7	Burdur

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
1984.02.05	00:20:17.83	37.25474	28.58564	18.00^{d}	m_b 5.1	294	1.05	24	1.71	5.6	Çameli
1984.03.25	14:48:13.75	37.85709	28.67635	15.00^{c}	–	60	0.63	150	3.12	6.2	Burdur
1984.05.04	21:35:00.99	37.93077	29.24021	15.00^{c}	m_b 4.8	297	1.62	27	2.22	11.3	Burdur
1984.09.08	20:22:27.05	38.16448	30.92500	15.00^{c}	m_b 4.5	312	1.28	42	2.02	8.2	Beyşehir
1985.01.31	01:25:45.55	37.44009	30.90229	15.00^{c}	m_b 4.8	8	1.01	98	1.71	5.4	Beyşehir
1985.04.29	11:38:38.76	38.42783	29.83555	12.00^{l}	m_b 4.6	295	1.89	25	2.92	17.4	Burdur
1985.08.23	20:38:36.70	37.22936	28.63498	14.00^{l}	m_b 4.5	275	2.70	5	3.40	28.9	Burdur
1985.12.06	22:35:30.29	37.01554	28.78719	12.00^{l}	m_b 4.6	306	1.33	36	2.60	10.9	Çameli
1986.10.11	09:00:11.13	37.91106	28.52583	14.00^{l}	m_b 5.4	288	0.95	18	1.42	4.3	Burdur
1987.11.26	23:00:20.39	37.90436	31.04457	15.00^{c}	m_b 4.6	313	1.37	43	2.10	9.1	Beyşehir
1988.01.13	07:58:44.57	38.36532	30.90999	15.00^{c}	m_b 4.7	55	0.64	145	1.68	3.4	Beyşehir
1988.05.06	12:18:47.73	36.94846	29.57468	10.00^{l}	m_b 4.4	314	1.56	44	2.41	11.8	Çameli
1988.12.24	20:36:04.22	37.53331	32.12609	15.00^{c}	m_b 4.6	309	1.34	39	2.63	11.1	Beyşehir
1989.02.24	00:40:33.15	37.71353	29.26352	10.00^{l}	m_b 5.0	296	1.02	26	1.58	5.1	Burdur
1989.02.24	01:17:42.14	37.69466	29.24532	12.00^{l}	m_b 4.4	310	1.60	40	2.62	13.2	Burdur
1989.02.24	12:30:09.37	37.71317	29.21561	12.00^{l}	m_b 4.5	307	1.56	37	2.34	11.5	Burdur
1989.09.13	09:36:49.18	37.75253	30.16060	10.00^{l}	m_b 4.3	319	2.21	49	3.54	24.6	Burdur
1990.05.26	17:34:48.11	36.92249	28.66691	10.00^{c}	m_b 4.1	323	1.61	53	2.87	14.5	Çameli
1990.06.26	04:48:11.81	37.30063	29.21280	15.00^{c}	m_b 4.2	301	1.77	31	2.44	13.5	Burdur
1990.07.18	11:29:24.45	37.04102	29.49274	12.00^{l}	m_b 5.1	295	0.94	25	1.43	4.2	Çameli
1990.07.18	11:58:36.71	37.04594	29.46590	9.00^{l}	m_b 4.1	299	2.05	29	2.51	16.2	Çameli
1990.07.18	14:56:27.44	37.11989	29.53876	8.00^{l}	–	321	1.84	51	2.74	15.8	Çameli
1990.08.02	19:12:39.02	37.06111	29.51646	14.00^{l}	m_b 3.9	319	1.28	49	2.08	8.4	Çameli
1990.09.03	00:04:43.96	37.04673	29.44762	12.00^{l}	m_b 4.2	309	1.10	39	1.80	6.2	Çameli
1990.10.07	00:12:50.65	37.47441	29.55535	15.00^{c}	m_b 4.3	315	1.44	45	2.33	10.5	Burdur
1991.01.13	05:11:53.13	37.14023	29.44606	10.00^{c}	m_b 4.9	304	1.49	34	2.56	12.0	Çameli
1991.07.27	11:38:11.66	37.32166	29.69232	16.00^{l}	m_b 4.6	312	1.01	42	1.61	5.1	Burdur
1991.07.27	14:43:56.14	37.30520	29.71308	14.00^{l}	m_b 4.2	320	1.39	50	3.68	16.0	Burdur
1991.07.27	15:04:35.49	37.31149	29.70434	15.00^{c}	m_b 4.0	319	1.40	49	4.03	17.8	Burdur
1992.01.05	05:31:45.79	37.82270	29.91336	12.00^{l}	m_b 4.1	315	3.36	45	4.21	44.4	Burdur
1992.03.26	16:16:18.16	37.40150	31.02144	15.00^{c}	m_b 4.6	332	1.14	62	1.71	6.1	Beyşehir
1992.05.28	09:52:06.45	37.55981	29.83245	15.00^{c}	m_b 3.5	320	1.66	50	3.28	17.0	Burdur
1992.09.30	00:01:17.75	37.29679	29.33414	15.00^{c}	m_b 4.1	310	1.69	40	3.47	18.5	Burdur
1994.06.15	16:53:01.40	37.63205	30.01785	15.00^{l}	m_b 4.4	318	1.14	48	3.34	11.9	Burdur
1994.11.04	21:18:26.26	36.62679	29.93560	9.00^{n}	m_b 4.3	321	1.18	51	2.40	8.9	Çameli
1994.11.05	19:50:31.74	38.21179	28.83608	17.00^{l}	m_b 4.5	298	1.30	28	2.28	9.3	Burdur

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
1994.11.09	05:09:13.88	37.00977	28.97527	8.00^{l}	m_b 4.3	316	1.06	46	2.05	6.8	Çameli
1994.11.13	06:56:00.18	36.97583	28.95424	7.00^{l}	m_b 4.9	305	0.85	35	1.27	3.4	Çameli
1994.11.13	07:13:46.67	36.96907	28.94033	10.00^{c}	m_b 4.5	313	1.04	43	2.06	6.7	Çameli
1994.11.13	07:58:14.15	36.99015	28.95186	10.00^{c}	m_b 4.9	309	1.05	39	1.56	5.1	Çameli
1994.11.13	08:15:21.72	37.03446	28.99411	10.00^{c}	m_b 4.8	316	0.96	46	1.79	5.4	Çameli
1995.01.22	19:46:29.02	36.96323	29.01623	10.00^{c}	m_b 4.3	319	1.52	49	2.60	12.4	Çameli
1995.02.27	04:12:14.65	36.92008	29.00222	10.00^{c}	m_b 4.0	289	1.57	19	2.27	11.2	Çameli
1995.08.18	00:52:23.68	37.83923	29.46759	10.00^{l}	m_b 4.8	310	1.05	40	1.81	5.9	Burdur
1995.08.18	05:44:48.90	37.85062	29.48104	13.00^{l}	m_b 4.2	314	1.02	44	1.81	5.8	Burdur
1995.09.26	14:58:08.46	38.04171	30.10112	15.00^{c}	m_b 4.8	318	0.82	48	1.49	3.8	Burdur
1995.09.26	15:18:21.68	38.09150	30.10336	8.00^{l}	m_b 4.3	321	0.82	51	2.16	5.6	Burdur
1995.09.26	16:39:09.45	38.03499	30.07961	8.00^{l}	m_b 4.3	335	0.81	65	1.49	3.8	Burdur
1995.09.27	14:15:53.16	38.08256	30.11104	10.00^{l}	m_b 4.8	314	0.87	44	1.44	4.0	Burdur
1995.09.28	01:15:59.32	36.68475	29.30434	8.00^{l}	m_b 4.4	310	1.00	40	2.00	6.3	Çameli
1995.10.01	03:01:48.67	38.14944	29.92530	15.00^{c}	m_b 3.2	323	2.38	53	3.07	22.9	Burdur
1995.10.01	15:57:13.00	38.08878	30.10306	13.00^{l}	m_b 5.8	303	0.77	33	1.03	2.5	Burdur
1995.10.01	18:02:55.72	38.10593	30.11611	15.00^{c}	m_b 5.0	317	0.83	47	1.05	2.7	Burdur
1995.10.01	18:23:02.47	38.17869	30.06479	15.00^{c}	m_b 4.2	342	0.99	72	1.56	4.9	Burdur
1995.10.01	20:51:07.19	38.09806	30.12281	15.00^{c}	m_b 4.0	317	1.20	47	2.79	10.6	Burdur
1995.10.01	21:14:41.59	38.04817	30.10931	9.00^{l}	m_b 4.2	311	1.17	41	2.12	7.8	Burdur
1995.10.01	22:37:53.79	38.11245	30.16772	15.00^{c}	m_b 4.0	311	1.07	41	2.99	10.0	Burdur
1995.10.02	19:53:08.34	38.06995	30.13659	11.00^{l}	m_b 3.9	341	3.03	71	4.14	39.4	Burdur
1995.10.03	07:38:10.43	38.01836	30.04931	15.00^{l}	m_b 4.8	314	0.91	44	1.56	4.5	Burdur
1995.10.05	16:15:21.23	38.06561	30.12827	10.00^{l}	m_b 4.8	335	0.89	65	1.14	3.2	Burdur
1995.10.11	04:44:59.54	38.13686	30.13268	16.00^{l}	m_b 4.2	332	0.96	62	1.76	5.3	Burdur
1995.10.13	03:46:00.47	38.17346	30.05088	15.00^{l}	m_b 4.2	339	1.12	69	1.66	5.8	Burdur
1996.05.01	07:19:23.23	36.72037	29.22805	14.00^{l}	m_b 3.9	323	1.54	53	2.74	13.2	Çameli
1996.05.01	07:33:31.95	38.23647	30.18654	14.00^{l}	m_b 3.8	309	1.99	39	2.68	16.8	Burdur
1997.01.21	20:47:46.02	38.08673	28.94789	12.00^{l}	m_b 4.9	307	0.88	37	1.29	3.6	Burdur
1997.03.14	11:45:15.07	38.08641	28.95296	11.00^{l}	m_b 4.0	89	1.59	179	2.10	10.5	Burdur
1997.03.14	23:19:31.68	38.07359	28.97262	11.00^{l}	m_b 3.7	4	2.29	94	3.21	23.1	Burdur
1997.04.01	11:25:36.53	38.32577	31.21059	15.00^{c}	m_b 4.0	319	1.85	49	2.40	13.9	Beyşehir
1998.02.25	06:58:02.19	37.83292	29.60307	19.00^{l}	m_b 4.5	302	0.96	32	1.41	4.3	Burdur
1998.03.20	11:02:46.57	38.18097	30.11769	14.00^{l}	m_b 4.1	315	1.16	45	2.07	7.5	Burdur
1998.04.04	16:16:47.66	38.11430	30.08100	17.00^{l}	m_b 4.9	298	0.92	28	1.39	4.0	Burdur
1999.03.27	23:10:09.53	37.92762	28.71673	17.00^{l}	m_b 3.6	281	1.25	11	2.57	10.0	Burdur

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
1999.06.29	00:54:36.83	37.70655	30.94009	10.00^{l}	m_b 4.3	301	1.64	31	2.22	11.4	Beyşehir
2000.04.21	12:23:06.89	37.87515	29.32497	12.00^{l}	m_b 4.8	293	0.97	23	1.47	4.5	Burdur
2000.08.10	03:47:09.53	37.24438	29.04090	14.00^{l}	m_b 3.9	293	2.00	23	2.99	18.8	Burdur
2000.10.04	02:33:56.12	37.90815	29.05186	8.00^{l}	m_b 4.7	300	1.32	30	1.69	7.0	Burdur
2000.11.26	17:08:33.88	37.96662	28.97253	16.00^{l}	m_b 4.1	290	2.02	20	2.56	16.2	Burdur
2000.11.26	17:20:36.29	37.96636	28.96159	17.00^{l}	m_b 4.0	301	2.02	31	2.52	15.9	Burdur
2000.12.15	16:44:44.69	38.43754	31.09445	15.00^{d}	m_b 5.1	287	1.19	17	1.87	7.0	Beyşehir
2001.02.02	09:51:39.21	37.75568	30.22098	14.00^{l}	m_b 4.3	303	1.62	33	2.40	12.2	Burdur
2001.05.11	19:06:55.09	37.45487	30.39006	20.00^{n}	m_b 4.0	303	1.36	33	2.19	9.4	Burdur
2002.02.03	07:11:29.93	38.57509	31.23152	18.00^{d}	m_b 5.6	282	0.95	12	1.24	3.7	Beyşehir
2002.02.03	09:26:43.76	38.67636	30.86085	15.00^{d}	m_b 5.6	297	0.79	27	0.93	2.3	Beyşehir
2002.02.03	11:39:55.89	38.60887	31.09305	15.00^{c}	m_b 5.0	287	0.85	17	1.04	2.8	Beyşehir
2002.04.03	22:57:50.16	37.72773	30.31747	14.00^{l}	m_b 4.4	296	2.43	26	3.25	24.7	Burdur
2002.04.05	07:38:48.63	37.72708	30.26667	17.00^{l}	m_b 3.7	328	1.31	58	2.28	9.4	Burdur
2002.07.30	12:20:23.00	37.69096	29.25120	15.00^{l}	m_b 4.7	308	0.90	38	1.33	3.8	Burdur
2003.01.17	10:31:16.19	37.86309	29.47637	14.00^{l}	–	79	1.06	169	1.20	4.0	Burdur
2003.07.23	04:56:03.78	38.08360	28.85164	19.00^{l}	m_b 4.8	291	0.82	21	1.11	2.9	Burdur
2003.07.26	01:00:57.44	38.07941	28.87985	17.00^{l}	m_b 4.5	275	0.93	5	1.12	3.3	Burdur
2003.07.26	08:36:49.91	38.04326	28.88428	19.00^{l}	m_b 5.1	290	0.79	20	1.00	2.5	Burdur
2003.07.26	13:31:36.01	38.09603	28.82244	13.00^{l}	m_b 4.6	290	0.94	20	1.11	3.3	Burdur
2003.08.12	08:21:50.10	38.11613	28.82106	15.00^{l}	m_b 3.8	342	1.24	72	1.51	5.9	Burdur
2004.01.22	11:15:43.72	38.43273	31.71864	17.00^{l}	m_b 4.2	50	1.30	140	1.64	6.7	Beyşehir
2004.02.19	04:09:51.72	36.97699	28.66025	10.00^{c}	m_b 4.1	314	1.03	44	1.32	4.3	Çameli
2004.05.14	16:34:18.14	37.53389	29.68208	15.00^{l}	m_b 4.3	285	0.98	15	1.32	4.0	Burdur
2004.06.09	03:15:42.54	38.41853	30.23057	19.00^{l}	m_b 4.1	313	0.95	43	1.06	3.2	Burdur
2004.07.03	20:29:06.09	38.50307	31.33708	13.00^{l}	m_b 3.9	283	1.35	13	1.87	7.9	Beyşehir
2004.08.15	16:44:53.14	38.26174	31.23597	15.00^{c}	m_b 3.5	55	1.31	145	1.83	7.5	Beyşehir
2004.09.16	01:40:30.82	37.72735	29.17229	13.00^{n}	m_b 4.3	293	1.04	23	1.25	4.1	Burdur
2004.10.04	16:52:44.62	37.06048	30.32195	12.00^{l}	m_b 4.2	321	1.23	51	1.64	6.3	Çameli
2004.12.20	23:02:12.84	36.97749	28.27412	10.00^{c}	m_b 5.1	291	0.79	21	1.03	2.5	Çameli
2005.01.29	14:48:01.79	38.21578	29.70263	14.00^{n}	m_b 4.0	299	0.99	29	1.12	3.5	Burdur
2005.08.20	09:05:39.42	37.92632	29.01831	16.00^{n}	m_b 3.8	284	1.21	14	1.47	5.6	Burdur
2005.08.20	10:08:42.95	37.92995	28.96694	13.00^{n}	m_b 3.7	27	1.34	117	1.41	6.0	Burdur
2005.11.06	12:21:44.25	37.04075	30.31731	10.00^{c}	m_b 4.4	329	1.40	59	1.65	7.3	Çameli
2006.06.05	04:23:29.71	37.90762	28.68062	19.00^{l}	m_b 4.3	290	0.87	20	0.94	2.5	Burdur
2006.06.05	04:38:43.02	37.90083	28.68373	18.00^{l}	m_b 3.9	75	0.87	165	1.11	3.0	Burdur

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2006.07.27	23:22:50.81	37.09307	30.07967	15.00^{l}	m_b 3.8	46	1.30	136	1.51	6.1	Çameli
2006.09.29	09:30:19.09	36.79475	32.39810	15.00^{c}	m_b 4.0	304	1.02	34	1.32	4.2	Beyşehir
2006.09.29	09:42:07.61	36.81372	32.37058	15.00^{c}	m_b 4.2	316	0.87	46	1.22	3.3	Beyşehir
2006.10.12	03:20:06.13	37.85054	29.20467	14.00^{n}	m_b 4.1	82	0.88	172	1.31	3.6	Burdur
2006.12.18	03:09:13.69	36.92199	30.39504	7.00^{l}	m_b 4.4	82	1.11	172	1.45	5.1	Çameli
2007.01.23	21:21:57.19	38.12231	28.75071	15.00^{l}	m_b 4.2	66	0.95	156	1.05	3.1	Burdur
2007.01.25	12:26:48.36	38.08770	28.74014	12.00^{l}	m_b 3.7	15	1.33	105	1.36	5.7	Burdur
2007.03.06	03:34:43.35	37.13902	28.50614	17.00^{l}	m_b 3.8	308	1.30	38	1.35	5.5	Çameli
2007.03.30	16:56:53.16	37.96128	30.94636	17.00^{l}	m_b 4.6	294	0.80	24	0.87	2.2	Beyşehir
2007.03.30	17:29:50.78	37.97805	30.96004	16.00^{l}	m_b 3.4	75	1.17	165	1.35	4.9	Beyşehir
2007.03.30	19:23:55.89	37.96648	30.93537	16.00^{l}	m_b 4.6	310	0.77	40	0.81	1.9	Beyşehir
2007.03.30	20:10:42.62	37.98015	30.93493	15.00^{l}	m_b 3.7	54	0.86	144	1.10	3.0	Beyşehir
2007.03.30	20:49:25.45	37.97662	30.96420	16.00^{l}	m_b 3.7	66	1.04	156	1.23	4.0	Beyşehir
2007.03.30	22:05:25.35	38.01509	30.92948	16.00^{l}	–	74	1.14	164	1.47	5.2	Beyşehir
2007.03.30	23:43:37.44	38.00615	30.93740	15.00^{l}	m_b 3.5	53	1.03	143	1.33	4.3	Beyşehir
2007.03.31	00:15:32.92	37.99384	30.96081	15.00^{l}	–	72	1.32	162	1.70	7.0	Beyşehir
2007.03.31	01:21:02.91	38.00665	30.93780	15.00^{n}	m_b 4.0	50	0.93	140	1.36	4.0	Beyşehir
2007.03.31	01:49:00.10	37.98121	30.93149	16.00^{l}	M_d 3.3	52	1.43	142	1.55	7.0	Beyşehir
2007.04.01	07:38:37.42	37.99152	30.93928	16.00^{l}	–	275	1.04	5	1.22	4.0	Beyşehir
2007.04.10	21:39:18.17	37.99812	30.95486	17.00^{l}	m_b 4.4	290	0.73	20	0.79	1.8	Beyşehir
2007.04.10	21:51:17.78	38.02968	30.95324	17.00^{l}	–	45	1.09	135	1.15	4.0	Beyşehir
2007.04.10	22:00:33.76	37.96510	30.96828	16.00^{l}	m_b 4.6	285	0.76	15	0.86	2.0	Beyşehir
2007.04.10	23:19:56.57	38.01460	30.95678	15.00^{l}	–	75	0.99	165	1.17	3.6	Beyşehir
2007.04.11	00:23:22.65	37.96947	30.93376	17.00^{l}	–	84	1.00	174	1.13	3.5	Beyşehir
2007.04.11	00:35:08.39	37.98179	30.96151	15.00^{l}	–	75	0.91	165	0.99	2.8	Beyşehir
2007.04.11	01:06:30.37	37.95853	30.92644	14.00^{l}	m_b 3.6	87	0.84	177	0.97	2.6	Beyşehir
2007.04.11	04:02:40.96	38.02295	30.94722	15.00^{l}	–	78	1.10	168	1.37	4.7	Beyşehir
2007.04.11	08:59:13.09	38.03147	30.96409	19.00^{l}	m_b 3.8	307	1.34	37	1.53	6.4	Beyşehir
2007.04.11	09:57:58.95	38.03736	30.95355	14.00^{l}	m_b 3.8	274	0.87	4	0.94	2.6	Beyşehir
2007.04.11	10:06:39.09	38.00746	30.96354	14.00^{l}	m_b 3.9	318	0.98	48	1.04	3.2	Beyşehir
2007.04.11	19:17:46.03	37.95219	30.95341	18.00^{l}	–	85	1.07	175	1.27	4.3	Beyşehir
2007.07.20	01:33:21.75	38.02177	30.96576	15.00^{l}	M_D 3.3	303	1.04	33	1.09	3.6	Beyşehir
2007.07.23	10:00:04.07	37.18121	30.54685	16.00^{l}	–	340	1.98	70	2.36	14.7	Çameli
2007.07.25	19:40:00.00	37.17036	30.55887	15.00^{l}	M_D 3.4	23	1.82	113	1.97	11.3	Çameli
2007.09.07	18:50:56.55	37.57824	29.89953	10.00^{l}	m_b 3.5	271	0.81	1	1.00	2.5	Burdur
2007.10.29	09:23:14.95	36.96232	29.27577	14.00^{l}	m_b 4.9	282	0.76	12	0.90	2.1	Çameli

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2007.10.29	19:41:40.57	36.92842	29.30447	10.00^{l}	m_b 4.5	290	0.85	20	0.97	2.6	Çameli
2007.10.31	17:58:01.62	36.94936	29.31189	13.00^{l}	m_b 4.4	280	0.87	10	1.02	2.8	Çameli
2007.11.12	15:02:10.29	36.99228	29.25973	11.00^{l}	m_b 4.5	292	1.00	22	1.09	3.4	Çameli
2007.11.14	09:21:11.92	37.00719	29.35188	9.00^{l}	m_b 3.7	299	1.11	29	1.21	4.2	Çameli
2007.11.14	19:39:17.78	36.96508	29.33659	11.00^{l}	–	311	1.33	41	1.54	6.4	Çameli
2007.11.16	09:08:23.85	36.96266	29.30802	15.00^{l}	m_b 4.7	289	0.83	19	0.96	2.5	Çameli
2007.11.17	04:29:38.43	37.77643	30.60405	16.00^{l}	M_d 3.1	1	0.81	91	1.55	4.0	Burdur
2007.12.02	20:21:49.59	36.99359	29.25875	14.00^{l}	m_b 4.6	280	0.81	10	0.87	2.2	Çameli
2007.12.03	16:12:31.46	36.97557	29.26307	13.00^{l}	–	42	0.94	132	1.06	3.1	Çameli
2007.12.09	20:29:46.61	37.00039	29.26096	15.00^{l}	m_b 4.3	301	0.85	31	0.99	2.7	Çameli
2007.12.10	23:52:30.91	37.83693	30.70677	12.00^{l}	m_b 3.5	317	1.16	47	1.23	4.5	Beyşehir
2007.12.23	17:44:06.43	37.01309	32.47867	15.00^{c}	–	324	0.96	54	1.33	4.0	Beyşehir
2007.12.28	10:34:53.54	36.96630	29.24566	13.00^{l}	m_b 3.8	351	1.01	81	1.30	4.1	Çameli
2008.01.08	15:57:37.34	36.97474	29.23740	10.00^{l}	m_b 3.6	73	0.98	163	1.18	3.6	Çameli
2008.01.10	17:52:28.52	37.91975	28.76671	16.00^{n}	m_b 3.9	272	0.91	2	1.01	2.9	Burdur
2008.01.11	01:06:15.06	37.91865	28.74979	17.00^{n}	m_b 3.6	75	1.04	165	1.25	4.1	Burdur
2008.03.02	14:03:55.91	38.03607	30.90642	16.00^{l}	–	345	1.20	75	1.28	4.8	Beyşehir
2008.04.13	04:24:08.10	36.97075	29.21360	10.00^{l}	m_b 3.7	74	0.99	164	1.31	4.1	Çameli
2008.04.15	16:30:58.33	38.44480	30.74158	13.00^{n}	M_L 3.4	323	1.35	53	1.45	6.1	Beyşehir
2008.04.16	15:28:12.79	36.99118	29.22294	7.00^{l}	m_b 3.6	48	0.95	138	1.24	3.7	Çameli
2008.04.25	04:48:55.19	37.81923	29.25833	13.00^{n}	m_b 4.5	83	0.78	173	0.85	2.1	Burdur
2008.05.28	22:35:49.70	36.95786	29.22519	11.00^{l}	m_b 3.7	69	0.81	159	0.87	2.2	Çameli
2008.05.30	05:34:21.70	36.96959	29.23584	12.00^{l}	m_b 4.0	70	0.85	160	0.96	2.5	Çameli
2008.05.30	21:57:25.35	36.98039	29.27952	17.00^{l}	m_b 3.4	273	1.22	3	1.31	5.0	Çameli
2008.06.05	22:03:06.77	36.98301	29.20724	13.00^{l}	m_b 3.7	73	0.99	163	1.41	4.4	Çameli
2008.06.07	16:25:26.65	36.97449	29.19580	9.00^{l}	m_b 3.8	71	1.08	161	1.41	4.8	Çameli
2008.06.07	16:48:53.80	36.96945	29.20915	8.00^{l}	m_b 3.7	39	1.11	129	1.32	4.6	Çameli
2008.06.10	11:47:30.46	36.99266	29.25130	15.00^{l}	–	47	1.17	137	1.33	4.9	Çameli
2008.06.26	11:16:16.33	36.98398	29.17415	10.00^{l}	–	70	1.00	160	1.81	5.7	Çameli
2008.06.26	14:51:43.94	38.30585	30.88050	13.00^{l}	M_D 3.3	292	0.98	22	1.53	4.7	Beyşehir
2008.06.26	21:03:50.30	36.99008	29.15929	11.00^{l}	–	61	1.09	151	1.35	4.6	Çameli
2008.07.03	17:37:02.65	37.01379	29.19443	14.00^{l}	m_b 4.5	271	0.82	1	1.07	2.8	Çameli
2008.07.04	10:09:57.24	37.01101	29.25639	14.00^{l}	–	75	1.16	165	2.03	7.4	Çameli
2008.07.11	14:11:50.23	37.01189	29.17069	13.00^{l}	m_b 4.3	86	0.86	176	1.16	3.1	Çameli
2008.07.14	10:32:07.78	37.95731	30.92522	14.00^{l}	m_b 4.0	299	0.96	29	1.02	3.1	Beyşehir
2008.07.20	11:45:43.05	37.91634	31.27168	18.00^{l}	M_D 3.1	57	1.57	147	1.99	9.8	Beyşehir

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2008.07.26	14:52:08.18	37.15868	29.86580	10.00^{l}	–	273	1.37	3	1.78	7.7	Çameli
2008.07.26	22:07:04.69	37.21443	29.88032	10.00^{l}	–	271	1.76	1	2.89	16.0	Çameli
2008.08.03	16:01:16.64	37.16656	29.88300	11.00^{l}	m_b 3.7	79	1.19	169	1.77	6.6	Çameli
2008.08.06	05:08:15.81	37.89694	30.99506	15.00^{l}	–	7	1.14	97	1.29	4.6	Beyşehir
2008.08.24	22:52:51.31	36.98123	29.22496	13.00^{l}	m_b 3.5	57	1.14	147	1.34	4.8	Çameli
2008.08.25	02:57:18.80	36.98352	29.21305	13.00^{l}	m_b 4.3	44	0.91	134	1.06	3.0	Çameli
2008.10.01	03:53:47.82	37.02009	29.15276	14.00^{l}	m_b 3.9	283	0.99	13	1.04	3.2	Çameli
2008.10.08	12:31:38.41	36.97945	29.15203	11.00^{l}	m_b 3.8	74	1.01	164	1.34	4.2	Çameli
2008.12.24	05:54:59.30	37.84433	29.21917	11.00^{n}	m_b 3.9	51	1.16	141	1.33	4.9	Burdur
2008.12.24	10:30:46.10	37.85224	29.20806	9.00^{n}	m_b 3.5	21	1.30	111	1.58	6.5	Burdur
2008.12.27	22:52:24.48	37.80564	29.18059	17.00^{n}	m_b 3.6	61	1.17	151	1.44	5.3	Burdur
2009.01.01	19:01:55.41	37.04158	29.15705	13.00^{l}	m_b 3.4	87	1.26	177	1.53	6.1	Çameli
2009.02.17	13:05:21.13	37.30606	30.48123	14.00^{l}	m_b 3.7	275	2.05	5	2.11	13.6	Çameli
2009.03.02	04:17:57.64	37.16014	28.59103	9.00^{l}	–	72	1.23	162	1.73	6.7	Çameli
2009.03.19	23:55:36.50	37.82891	30.71842	15.96^{m}	–	7	1.40	97	1.98	8.7	Beyşehir
2009.03.22	00:53:20.71	37.91036	29.10423	12.00^{n}	m_b 3.3	22	0.95	112	1.21	3.6	Burdur
2009.03.26	22:54:56.29	37.80056	31.14713	16.00^{l}	M_D 3.3	75	0.90	165	1.27	3.6	Beyşehir
2009.04.19	00:28:58.72	37.46869	30.48337	17.00^{l}	–	52	1.44	142	1.77	8.0	Çameli
2009.06.05	03:16:26.45	37.37998	31.96976	15.00^{l}	–	61	1.18	151	1.94	7.2	Beyşehir
2009.06.06	17:26:29.21	37.90842	30.89889	15.00^{l}	–	19	1.04	109	1.45	4.7	Beyşehir
2009.07.12	23:32:56.85	37.94606	29.39319	19.00^{l}	m_b 3.7	88	0.80	178	0.90	2.3	Burdur
2009.08.07	23:57:27.00	37.96498	30.96808	18.00^{l}	M_D 3.4	80	1.55	170	1.65	8.0	Beyşehir
2009.08.14	02:49:52.44	38.10601	30.99527	16.00^{l}	–	50	1.41	140	1.78	7.9	Beyşehir
2009.09.10	18:29:52.39	37.94011	32.57790	12.92^{m}	m_b 4.5	312	0.77	42	0.95	2.3	Beyşehir
2009.09.11	01:58:29.50	37.93174	32.55091	14.26^{m}	m_b 4.9	272	0.74	2	0.79	1.8	Beyşehir
2009.09.11	07:32:20.76	37.90086	32.53238	13.05^{m}	m_b 3.7	302	1.00	32	1.11	3.5	Beyşehir
2009.09.12	19:56:40.48	37.86056	32.55795	10.00^{n}	M_D 3.2	294	1.30	24	1.72	7.0	Beyşehir
2009.09.21	18:20:08.67	37.92288	32.55202	11.00^{n}	–	53	1.16	143	1.57	5.7	Beyşehir
2009.09.24	04:01:40.27	37.91601	32.55405	13.22^{m}	–	74	1.35	164	1.66	7.1	Beyşehir
2009.09.27	07:35:42.77	37.90029	32.55664	13.13^{m}	–	317	1.56	47	1.61	7.8	Beyşehir
2009.11.25	10:53:42.12	37.93402	28.83222	14.00^{l}	m_b 4.5	279	0.90	9	1.09	3.1	Burdur
2009.11.25	19:00:50.44	37.92330	28.79926	15.00^{l}	m_b 3.7	56	0.86	146	0.93	2.5	Burdur
2009.12.04	06:02:19.54	37.90243	28.82192	17.00^{l}	m_b 5.0	84	0.69	174	0.81	1.8	Burdur
2009.12.04	17:19:46.25	37.38315	29.60350	17.00^{n}	m_b 4.7	285	0.79	15	0.89	2.2	Burdur
2009.12.18	05:19:10.38	37.01173	29.18558	14.00^{l}	m_b 3.8	64	0.94	154	1.05	3.1	Çameli
2010.01.07	14:35:33.87	36.62606	30.05855	7.00^{l}	m_b 3.9	277	1.54	7	2.03	9.8	Çameli

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2010.01.31	04:18:11.61	36.92731	29.35751	14.00^{l}	–	270	1.25	0	1.69	6.7	Çameli
2010.03.21	11:30:08.89	36.83925	30.41778	9.00^{l}	m_b 3.9	74	1.51	164	1.80	8.5	Çameli
2010.04.17	12:40:13.64	37.85057	30.71095	14.00^{n}	m_b 3.5	270	1.10	0	1.27	4.4	Beyşehir
2010.04.18	15:46:31.87	37.89648	31.07729	19.00^{l}	–	67	0.96	157	1.11	3.4	Beyşehir
2010.04.24	23:27:59.37	38.17266	30.91667	17.00^{l}	m_b 3.5	292	0.96	22	1.17	3.5	Beyşehir
2010.05.26	14:22:18.72	36.64954	29.83337	11.00^{n}	m_b 4.5	273	0.90	3	1.15	3.2	Çameli
2010.06.10	02:57:04.38	37.81398	32.26838	15.00^{n}	–	324	1.08	54	1.11	3.8	Beyşehir
2010.07.20	06:02:31.45	37.02568	32.06844	15.00^{l}	m_b 3.8	291	1.23	21	1.67	6.5	Beyşehir
2010.07.25	17:06:19.00	36.95929	30.42381	8.00^{n}	m_b 4.1	89	0.93	179	1.23	3.6	Çameli
2010.07.29	04:47:42.24	37.04438	28.49659	13.00^{l}	m_b 3.7	296	1.21	26	1.33	5.1	Çameli
2010.08.30	00:17:50.32	37.79048	30.85094	14.43^{m}	–	73	1.16	163	1.54	5.6	Beyşehir
2010.10.10	14:37:22.21	38.49579	31.88767	14.55^{m}	–	323	1.43	53	1.49	6.7	Beyşehir
2010.11.02	17:43:45.09	37.07293	28.87127	14.00^{l}	m_b 3.8	274	0.94	4	1.05	3.1	Çameli
2011.02.05	07:16:59.86	37.89059	29.02586	11.00^{n}	–	87	0.98	177	1.24	3.8	Burdur
2011.03.16	11:18:01.54	37.30535	30.57857	15.00^{n}	m_b 4.5	306	0.96	36	1.09	3.3	Çameli
2011.04.13	12:41:22.54	37.51696	30.84547	20.33^{m}	M_L 3.1	298	1.08	28	1.37	4.6	Beyşehir
2011.04.22	03:55:12.97	36.91922	29.30794	10.00^{l}	m_b 3.8	77	0.98	167	1.16	3.6	Çameli
2011.06.19	23:37:11.12	37.53034	32.25011	15.00^{l}	–	271	1.03	1	1.29	4.2	Beyşehir
2011.07.27	09:58:14.11	38.32702	31.90061	18.00^{n}	m_b 4.9	287	0.70	17	0.79	1.7	Beyşehir
2011.08.12	23:58:53.37	38.50123	31.77761	14.63^{m}	–	302	0.92	32	1.05	3.0	Beyşehir
2011.09.06	23:25:06.67	37.73824	32.05071	15.05^{m}	–	59	1.20	149	1.63	6.1	Beyşehir
2011.10.28	05:39:21.51	36.98669	29.17123	14.00^{l}	m_b 3.9	39	1.19	129	1.31	4.9	Çameli
2012.02.12	11:35:30.71	37.75093	30.90223	19.70^{m}	M_L 3.1	279	1.14	9	1.38	4.9	Beyşehir
2012.03.20	00:39:24.29	37.82375	29.14538	16.00^{n}	m_b 3.8	30	0.92	120	1.10	3.2	Burdur
2012.04.04	00:33:00.39	37.88941	29.46681	19.00^{l}	m_b 4.2	57	0.73	147	0.81	1.9	Burdur
2012.05.08	07:31:20.41	37.04389	28.50117	13.00^{l}	m_b 4.2	75	0.82	165	1.01	2.6	Çameli
2012.05.18	22:35:52.98	36.81903	32.18291	16.00^{l}	M_L 2.8	271	0.97	1	1.84	5.6	Beyşehir
2012.05.26	01:37:15.24	37.13300	31.83534	17.00^{l}	M_l 2.7	312	1.34	42	1.75	7.4	Beyşehir
2012.06.03	18:16:44.91	38.26116	30.86580	17.42^{m}	M_L 3.0	40	1.09	130	1.34	4.6	Beyşehir
2012.06.09	14:33:12.83	37.04744	28.52436	14.00^{l}	m_b 3.9	274	0.90	4	1.09	3.1	Çameli
2012.06.09	23:38:03.62	37.20454	31.70741	12.00^{l}	M_L 2.9	271	1.10	1	1.23	4.2	Beyşehir
2012.06.16	04:28:50.22	37.17905	31.69955	16.00^{l}	M_l 2.8	304	1.20	34	1.31	4.9	Beyşehir
2012.06.19	17:47:06.33	37.17079	31.70372	15.00^{l}	M_L 2.6	66	1.38	156	1.48	6.4	Beyşehir
2012.07.01	09:38:39.53	37.21505	31.70166	17.00^{l}	M_l 2.7	280	1.56	10	1.71	8.4	Beyşehir
2012.07.06	02:10:54.23	38.17799	30.98734	9.00^{l}	M_L 2.5	80	1.16	170	1.56	5.7	Beyşehir
2012.07.13	04:15:07.60	38.16142	30.98322	12.00^{l}	M_L 2.7	271	1.12	1	1.30	4.6	Beyşehir

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2012.07.15	19:17:20.45	37.18387	31.71115	15.00^{l}	M_L 3.2	40	0.95	130	1.16	3.4	Beyşehir
2012.07.16	20:11:05.79	38.18351	30.98651	13.29^{m}	M_L 2.3	7	1.12	97	1.24	4.3	Beyşehir
2012.11.30	02:32:36.71	37.20412	28.63204	18.00^{l}	m_b 3.9	284	0.90	14	1.05	3.0	Burdur
2013.01.02	13:47:10.18	37.30331	32.33537	16.00^{l}	–	338	1.03	68	1.15	3.7	Beyşehir
2013.02.20	06:59:01.52	37.87423	29.34537	19.00^{n}	–	48	0.89	138	1.09	3.0	Burdur
2013.05.16	03:02:01.96	36.99913	28.41025	13.00^{l}	m_b 5.0	288	0.81	18	0.93	2.3	Çameli
2013.05.16	21:26:39.34	37.00233	28.38418	14.00^{l}	m_b 4.1	275	0.90	5	1.01	2.9	Çameli
2013.06.07	00:33:37.46	37.32628	32.09300	17.00^{l}	M_L 3.3	48	0.71	138	0.76	1.7	Beyşehir
2013.06.07	19:56:58.85	37.32300	32.10273	19.00^{l}	M_L 3.2	32	0.82	122	0.94	2.4	Beyşehir
2013.08.03	05:36:42.21	36.66466	31.93588	17.00^{l}	m_b 3.6	315	1.09	45	1.88	6.4	Beyşehir
2013.09.13	21:21:50.85	37.46533	32.09029	15.00^{l}	M_L 2.9	342	1.04	72	1.45	4.8	Beyşehir
2013.10.14	01:13:30.69	36.88258	31.80489	10.00^{n}	m_b 4.0	293	0.87	23	1.18	3.2	Beyşehir
2013.10.31	04:03:47.36	37.03361	32.24453	16.00^{l}	M_L 2.9	321	1.08	51	1.74	5.9	Beyşehir
2013.12.02	03:16:44.03	36.62588	31.96830	15.00^{c}	M_L 2.3	300	1.11	30	1.77	6.2	Beyşehir
2013.12.13	00:13:30.82	37.51432	32.17605	13.18^{m}	M_L 2.4	319	1.36	49	1.55	6.6	Beyşehir
2014.01.18	04:00:30.07	37.53529	30.88643	22.00^{n}	M_L 2.7	295	1.02	25	1.04	3.3	Beyşehir
2014.01.20	03:53:48.73	38.48391	31.84649	16.00^{l}	M_L 2.7	285	0.85	15	0.96	2.5	Beyşehir
2014.02.16	23:03:52.46	38.28194	31.79100	14.83^{m}	M_L 2.1	303	0.97	33	1.30	4.0	Beyşehir
2014.03.11	10:23:30.55	38.47222	31.84795	18.00^{l}	m_b 4.0	276	0.84	6	1.01	2.7	Beyşehir
2014.04.12	16:56:35.01	38.23026	30.93903	16.00^{l}	M_L 3.0	38	1.14	128	1.19	4.3	Beyşehir
2014.04.17	19:34:24.80	37.79055	30.88923	16.00^{l}	m_b 3.5	296	0.87	26	0.96	2.6	Beyşehir
2014.04.19	23:39:58.54	37.04814	28.88591	16.00^{l}	m_b 3.9	81	0.84	171	0.91	2.4	Çameli
2014.04.29	02:13:19.08	38.06979	31.16002	18.00^{l}	M_L 2.5	272	0.99	2	1.25	3.9	Beyşehir
2014.06.24	03:41:29.64	38.39191	31.70484	14.96^{m}	M_L 2.7	84	0.94	174	1.10	3.3	Beyşehir
2014.07.23	22:28:31.35	38.16233	30.97622	11.61^{m}	M_L 3.0	52	1.17	142	1.42	5.2	Beyşehir
2014.08.02	03:02:40.30	37.10422	31.29511	18.00^{l}	M_L 3.0	280	0.90	10	1.20	3.4	Beyşehir
2014.08.02	03:24:18.67	37.10318	31.27174	18.00^{l}	m_b 3.6	295	0.82	25	1.05	2.7	Beyşehir
2014.08.02	07:38:02.68	37.47578	32.51021	15.79^{m}	M_L 3.2	332	0.96	62	1.64	4.9	Beyşehir
2014.08.24	19:43:30.27	37.66075	30.61445	19.00^{n}	m_b 5.0	83	0.72	173	0.81	1.8	Beyşehir
2014.08.29	04:00:45.91	37.32498	32.08402	10.14^{m}	m_b 3.7	305	1.04	35	1.24	4.0	Beyşehir
2014.10.01	07:16:29.52	36.97443	29.38339	12.00^{l}	m_b 4.2	285	0.88	15	1.04	2.9	Çameli
2014.11.01	03:32:01.02	38.48484	30.92642	16.58^{m}	M_L 2.4	342	0.91	72	1.07	3.1	Beyşehir
2014.11.03	11:31:58.42	37.17191	28.70300	13.00^{l}	–	66	0.91	156	1.20	3.4	Çameli
2014.11.10	06:16:39.99	37.12810	28.77975	14.00^{l}	m_b 4.7	277	0.81	7	0.92	2.4	Çameli
2014.11.10	09:20:42.67	37.13427	28.76315	11.00^{l}	m_b 4.2	272	0.81	2	0.91	2.3	Çameli
2014.11.10	09:22:26.62	37.17032	28.74293	10.00^{l}	–	69	1.06	159	1.40	4.7	Çameli

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2014.11.10	09:23:29.88	37.11102	28.76008	8.00^{l}	–	87	1.29	177	1.74	7.1	Çameli
2014.11.11	04:46:10.78	37.14635	28.76124	11.00^{l}	m_b 3.6	271	0.85	1	1.02	2.7	Çameli
2014.11.11	15:55:18.70	37.16179	28.75048	12.00^{l}	m_b 3.7	280	0.90	10	1.09	3.1	Çameli
2014.11.16	16:37:55.80	37.82068	29.37563	16.00^{l}	m_b 3.9	57	0.84	147	1.04	2.7	Burdur
2014.11.24	00:25:10.61	37.13568	28.43051	13.00^{n}	m_b 3.6	87	0.89	177	1.08	3.0	Çameli
2014.12.12	05:24:12.10	37.15154	28.80264	12.00^{l}	m_b 3.7	308	0.94	38	1.01	3.0	Çameli
2014.12.14	09:22:47.11	37.16272	28.81586	11.00^{l}	–	52	0.93	142	1.16	3.4	Çameli
2015.02.08	09:36:25.42	37.19457	30.04744	8.00^{l}	m_b 3.7	86	1.10	176	1.38	4.8	Çameli
2015.02.10	08:56:29.99	37.14450	30.05139	10.00^{l}	m_b 4.7	77	0.93	167	1.18	3.5	Çameli
2015.02.13	16:08:00.48	37.16086	30.04770	12.00^{l}	m_b 3.8	79	1.11	169	1.70	5.9	Çameli
2015.02.16	11:52:44.12	37.19881	30.04375	8.00^{l}	m_b 4.8	89	0.79	179	0.99	2.5	Çameli
2015.03.18	07:33:39.33	38.37627	31.71228	15.36^{m}	M_L 2.8	294	0.87	24	1.09	3.0	Beyşehir
2015.03.24	22:06:14.16	37.08141	28.62777	12.00^{l}	m_b 3.7	89	0.80	179	0.97	2.4	Çameli
2015.03.28	19:40:41.07	37.22932	30.02577	12.00^{l}	m_b 3.7	270	1.19	0	1.29	4.8	Burdur
2015.04.28	07:59:27.75	37.06730	28.54248	15.00^{l}	m_b 3.8	288	1.12	18	1.18	4.1	Çameli
2015.06.27	05:46:13.43	37.12199	28.77894	10.00^{l}	m_b 3.7	273	0.96	3	1.14	3.5	Çameli
2015.07.08	22:14:00.69	37.55949	29.56480	18.00^{n}	m_b 4.1	74	0.69	164	0.84	1.8	Burdur
2015.07.25	18:35:52.71	37.15755	28.70907	14.00^{l}	m_b 3.9	85	0.86	175	1.04	2.8	Çameli
2015.09.13	02:57:27.16	37.12233	28.90167	15.00^{l}	m_b 4.5	85	0.77	175	0.89	2.2	Çameli
2015.09.13	05:10:20.20	36.70348	30.01041	15.50^{m}	m_b 4.0	84	1.18	174	1.48	5.5	Çameli
2015.10.06	19:59:02.19	37.12307	31.92636	12.93^{m}	M_L 2.9	279	0.90	9	1.15	3.2	Beyşehir
2015.10.21	23:27:01.81	38.08187	30.88454	15.26^{m}	M_L 2.8	355	0.87	85	1.01	2.7	Beyşehir
2015.11.08	17:15:44.75	37.22501	31.34188	19.00^{l}	m_b 3.9	285	0.88	15	1.25	3.5	Beyşehir
2015.11.18	10:35:45.41	37.82776	29.32659	15.00^{l}	m_b 4.1	50	0.72	140	0.85	1.9	Burdur
2015.11.18	14:55:39.55	37.81315	29.33766	17.00^{l}	m_b 4.1	53	0.75	143	0.82	1.9	Burdur
2015.11.23	13:39:27.46	37.38877	31.41119	16.81^{m}	m_b 3.9	288	0.80	18	0.99	2.5	Beyşehir
2015.11.24	00:39:59.73	37.37477	31.39541	14.82^{m}	M_L 2.9	285	0.77	15	1.01	2.4	Beyşehir
2016.01.03	14:35:29.25	37.24026	31.34330	16.00^{l}	–	287	0.95	17	1.24	3.7	Beyşehir
2016.01.03	21:07:33.05	37.23504	31.37109	19.00^{l}	m_b 3.4	292	0.92	22	1.35	3.9	Beyşehir
2016.01.23	04:00:44.42	36.70444	29.52853	17.00^{l}	m_b 4.0	303	0.91	33	1.09	3.1	Çameli
2016.02.05	13:25:26.35	36.95844	29.39636	11.98^{m}	m_b 3.9	277	0.85	7	1.08	2.9	Çameli
2016.04.17	12:03:03.10	38.50179	31.86385	17.14^{m}	M_L 2.8	294	0.85	24	1.02	2.7	Beyşehir
2016.04.18	04:22:38.47	38.46667	32.06082	15.00^{l}	m_b 3.4	330	0.97	60	1.19	3.6	Beyşehir
2016.04.29	14:14:03.98	37.68451	32.51037	15.79^{m}	M_L 3.1	327	0.91	57	1.06	3.0	Beyşehir
2016.05.23	23:15:08.57	37.36688	31.37560	16.00^{l}	M_L 2.8	286	0.81	16	1.07	2.7	Beyşehir
2016.06.19	23:39:29.52	37.76046	30.87337	25.05^{m}	M_L 2.7	66	1.12	156	1.29	4.5	Beyşehir

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2016.07.17	20:58:44.06	38.00335	29.38739	15.00^{l}	m_b 3.6	298	0.84	28	0.91	2.4	Burdur
2016.08.11	02:19:49.63	38.49309	31.80343	12.96^{m}	M_L 2.4	327	1.04	57	1.19	3.9	Beyşehir
2016.09.27	18:11:13.16	37.93861	29.10898	12.00^{l}	m_b 3.8	20	0.78	110	0.83	2.0	Burdur
2016.09.28	09:10:06.43	37.93663	29.11813	13.00^{l}	m_b 4.1	43	0.78	133	0.84	2.1	Burdur
2016.10.28	04:45:45.08	38.49438	31.88494	14.79^{m}	M_L 2.9	283	0.97	13	1.02	3.1	Beyşehir
2016.12.11	18:45:59.84	37.77382	30.79066	14.00^{n}	M_L 2.2	287	1.10	17	1.25	4.3	Beyşehir
2016.12.15	16:43:57.50	37.09634	28.64441	12.00^{l}	m_b 4.1	273	0.83	3	0.94	2.5	Çameli
2016.12.24	19:27:15.94	37.95090	32.60309	14.21^{m}	M_L 2.6	22	0.94	112	1.09	3.2	Beyşehir
2017.01.15	07:26:42.22	38.41700	32.22987	15.02^{m}	M_L 2.8	40	1.06	130	1.11	3.7	Beyşehir
2017.03.17	10:47:20.57	38.47718	31.81489	14.67^{m}	M_L 2.7	277	0.74	7	0.85	2.0	Beyşehir
2017.03.29	18:10:43.83	38.19659	31.07183	14.89^{m}	M_W 4.0	42	0.78	132	0.80	2.0	Beyşehir
2017.04.02	23:34:00.55	38.18665	31.07149	15.00^{l}	M_L 3.3	281	1.00	11	1.07	3.4	Beyşehir
2017.04.03	09:05:41.42	38.48571	31.82270	16.00^{n}	M_L 3.9	270	0.74	0	0.83	1.9	Beyşehir
2017.04.06	07:03:29.68	38.48851	31.84422	12.00^{l}	M_L 3.0	284	0.96	14	1.19	3.6	Beyşehir
2017.04.13	16:22:15.14	37.11588	28.66179	12.00^{l}	M_L 5.0	88	0.71	178	0.85	1.9	Çameli
2017.04.17	10:38:52.18	36.91774	32.11234	13.00^{l}	M_L 3.0	310	0.99	40	1.43	4.4	Beyşehir
2017.05.26	16:13:11.55	37.09616	28.62922	13.00^{l}	M_W 3.7	281	0.91	11	1.11	3.2	Çameli
2017.06.28	18:59:57.36	36.92528	29.64912	11.00^{l}	M_L 3.7	283	0.97	13	1.21	3.7	Çameli
2017.07.29	15:21:32.82	37.38559	31.37997	16.00^{l}	M_L 3.4	288	0.91	18	1.28	3.7	Beyşehir
2017.07.29	15:58:08.23	37.36151	31.37789	17.00^{l}	M_L 2.9	286	0.86	16	1.34	3.6	Beyşehir
2017.07.30	11:21:33.59	37.39360	31.37225	16.00^{l}	M_L 3.5	293	0.86	23	1.12	3.0	Beyşehir
2017.07.30	19:55:46.39	37.37696	31.38142	16.00^{l}	M_L 2.7	84	1.01	174	1.34	4.3	Beyşehir
2017.07.31	03:11:31.06	37.39193	31.38149	15.00^{l}	M_W 3.4	80	0.89	170	1.15	3.2	Beyşehir
2017.09.22	15:26:33.59	37.37024	31.38256	16.79^{m}	M_L 2.8	82	0.92	172	1.32	3.8	Beyşehir
2017.10.05	13:43:20.93	37.87920	29.50084	17.00^{n}	m_b 3.8	274	0.77	4	0.83	2.0	Burdur
2017.11.22	20:22:52.25	37.11248	28.59838	12.00^{n}	m_b 5.1	89	0.78	179	0.93	2.3	Çameli
2017.11.24	21:49:14.81	37.10085	28.61463	14.00^{l}	m_b 5.1	89	0.71	179	0.84	1.9	Çameli
2017.12.30	19:12:50.33	37.10963	28.63211	13.00^{l}	M_W 3.9	282	0.90	12	1.12	3.2	Çameli
2018.01.05	04:33:17.52	37.11310	28.62112	9.00^{l}	m_b 4.5	84	0.84	174	0.98	2.6	Çameli
2018.04.13	17:13:59.62	37.07198	31.99789	17.00^{l}	m_b 4.9	293	0.64	23	0.72	1.5	Beyşehir
2018.04.13	17:55:47.31	37.07848	31.99329	19.00^{l}	m_b 4.5	304	0.72	34	0.80	1.8	Beyşehir
2018.04.14	12:04:27.43	37.90846	29.23061	17.00^{m}	M_W 3.8	37	0.76	127	0.82	2.0	Burdur
2018.04.16	14:12:20.73	37.07337	31.98282	18.00^{l}	M_L 3.8	294	0.71	24	0.82	1.8	Beyşehir
2018.04.17	16:29:48.15	37.04082	31.98008	18.00^{l}	M_L 3.4	302	0.81	32	1.07	2.7	Beyşehir
2018.04.17	23:11:32.44	37.05735	31.93220	18.00^{l}	M_L 2.3	301	1.09	31	1.42	4.8	Beyşehir
2018.04.26	11:37:41.73	37.82127	29.31585	16.00^{n}	M_W 4.2	53	0.72	143	0.80	1.8	Burdur

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2018.05.21	00:34:38.52	37.64888	31.99607	17.25^{m}	M_L 3.5	65	0.86	155	1.00	2.7	Beyşehir
2018.05.21	01:41:33.67	37.64533	31.98510	18.06^{m}	M_L 2.9	64	0.88	154	1.05	2.9	Beyşehir
2018.06.06	14:12:56.06	38.15550	30.97844	17.13^{m}	M_W 3.5	33	0.75	123	0.82	1.9	Beyşehir
2018.07.23	02:40:23.91	37.54988	29.85800	18.00^{n}	m_b 4.9	81	0.69	171	0.83	1.8	Burdur
2018.08.13	03:51:00.25	37.71901	32.07358	17.00^{l}	M_L 2.8	67	0.99	157	1.01	3.1	Beyşehir
2018.11.05	18:07:57.63	37.14618	28.79387	17.00^{n}	M_L 3.7	286	0.96	16	1.10	3.3	Çameli
2019.01.04	21:53:28.76	36.75117	32.41911	16.00^{n}	M_L 2.8	294	1.10	24	1.41	4.9	Beyşehir
2019.03.20	01:41:47.82	37.42944	29.46358	12.91^{m}	M_L 3.6	23	1.03	113	1.28	4.1	Acıpayam
2019.03.20	06:34:26.56	37.43312	29.45703	16.00^{n}	m_b 5.7	87	0.69	177	0.73	1.6	Burdur
2019.03.20	06:34:26.57	37.42427	29.46691	16.00^{n}	m_b 5.7	23	0.83	113	1.10	2.9	Acıpayam
2019.03.20	06:38:18.77	37.46775	29.42915	14.05^{m}	M_L 4.5	21	0.94	111	1.21	3.6	Acıpayam
2019.03.20	06:41:56.29	37.47009	29.40899	13.56^{m}	M_L 4.0	26	0.91	116	1.28	3.7	Acıpayam
2019.03.20	06:45:34.57	37.42606	29.39125	7.00^{n}	M_L 3.5	21	1.19	111	1.37	5.1	Acıpayam
2019.03.20	06:47:11.78	37.47196	29.46936	12.04^{m}	M_L 3.4	25	1.09	115	1.35	4.6	Acıpayam
2019.03.20	06:51:57.63	37.43375	29.42827	11.36^{m}	M_L 4.1	27	0.92	117	1.24	3.6	Acıpayam
2019.03.20	07:10:42.70	37.46635	29.39709	10.00^{n}	M_L 2.3	65	1.25	155	1.48	5.8	Acıpayam
2019.03.20	07:18:04.91	37.49769	29.35939	11.32^{m}	M_L 2.7	43	1.08	133	1.36	4.6	Acıpayam
2019.03.20	07:20:23.23	37.43921	29.41179	11.92^{m}	M_L 3.7	28	1.00	118	1.25	4.0	Acıpayam
2019.03.20	08:00:27.14	37.39953	29.43314	13.38^{m}	M_L 3.9	24	0.89	114	1.20	3.4	Acıpayam
2019.03.20	08:07:29.30	37.51187	29.37494	12.04^{m}	M_L 2.9	38	1.06	128	1.16	3.9	Acıpayam
2019.03.20	08:23:19.76	37.44864	29.43477	12.98^{m}	M_L 2.7	31	1.24	121	1.43	5.6	Acıpayam
2019.03.20	08:32:37.65	37.49855	29.39942	11.60^{m}	M_L 2.9	20	0.98	110	1.25	3.9	Acıpayam
2019.03.20	08:45:38.90	37.46420	29.41363	12.40^{m}	M_L 3.2	32	0.94	122	1.36	4.0	Acıpayam
2019.03.20	09:14:55.61	37.50558	29.42975	12.12^{m}	M_L 3.3	21	1.12	111	1.39	4.9	Acıpayam
2019.03.20	09:37:37.38	37.44997	29.41290	11.54^{m}	M_L 3.2	36	1.05	126	1.37	4.5	Acıpayam
2019.03.20	10:41:40.14	37.45467	29.40859	16.00^{l}	M_L 2.2	24	1.28	114	1.47	5.9	Acıpayam
2019.03.20	10:50:48.74	37.44583	29.43969	12.03^{m}	M_L 3.2	35	1.17	125	1.27	4.7	Acıpayam
2019.03.20	11:10:35.63	37.48773	29.42663	9.80^{m}	M_L 3.2	7	1.05	97	1.20	4.0	Acıpayam
2019.03.20	11:12:44.07	37.45054	29.41647	10.54^{m}	M_L 3.2	35	1.03	125	1.29	4.2	Acıpayam
2019.03.20	12:03:36.14	37.43290	29.43475	9.88^{m}	M_L 3.3	29	0.90	119	1.18	3.3	Acıpayam
2019.03.20	12:26:38.55	37.44795	29.43035	13.26^{m}	M_L 3.2	33	1.03	123	1.32	4.3	Acıpayam
2019.03.20	12:45:42.14	37.44440	29.42505	12.26^{m}	m_b 4.5	29	0.85	119	0.98	2.6	Burdur
2019.03.20	12:45:42.18	37.44763	29.41780	12.26^{m}	m_b 4.5	27	0.87	117	1.19	3.2	Acıpayam
2019.03.20	12:57:00.31	37.46412	29.39954	12.19^{m}	M_L 3.3	35	1.07	125	1.34	4.5	Acıpayam
2019.03.20	13:46:12.67	37.47728	29.37217	13.29^{m}	M_L 3.0	20	0.96	110	1.21	3.6	Acıpayam
2019.03.20	14:14:54.40	37.44721	29.41299	11.47^{m}	M_L 2.6	32	1.10	122	1.25	4.3	Acıpayam

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2019.03.20	14:20:04.64	37.47898	29.41408	12.07^m	M_L 3.5	25	0.87	115	1.21	3.3	Acıpayam
2019.03.20	14:46:29.65	37.42645	29.40872	11.49^m	m_b 2.9	43	1.28	133	1.62	6.5	Acıpayam
2019.03.20	15:19:07.74	37.39928	29.42080	12.41^m	M_L 3.2	36	1.03	126	1.37	4.4	Acıpayam
2019.03.20	15:48:56.87	37.49139	29.45432	13.80^m	M_L 2.5	4	1.26	94	1.48	5.9	Acıpayam
2019.03.20	16:58:49.82	37.42949	29.43330	11.41^m	M_L 3.0	38	1.02	128	1.33	4.3	Acıpayam
2019.03.20	17:04:16.84	37.39646	29.47269	12.85^m	M_L 4.1	25	1.05	115	1.30	4.3	Acıpayam
2019.03.20	17:04:16.87	37.39962	29.46814	12.85^m	M_L 4.1	40	1.25	130	1.33	5.2	Burdur
2019.03.20	17:18:00.68	37.39432	29.38535	14.89^m	m_b 3.0	28	1.03	118	1.29	4.2	Acıpayam
2019.03.20	17:26:23.02	37.42987	29.45362	11.66^m	M_L 3.0	33	1.10	123	1.57	5.4	Acıpayam
2019.03.20	17:42:54.39	37.40828	29.45441	16.00^n	m_b 4.2	23	0.90	113	1.18	3.3	Acıpayam
2019.03.20	17:42:54.43	37.40206	29.45506	16.00^n	m_b 4.2	16	0.97	106	1.02	3.1	Burdur
2019.03.20	18:02:36.24	37.43323	29.40944	11.33^m	M_L 3.4	40	1.15	130	1.46	5.3	Acıpayam
2019.03.20	18:14:56.33	37.39724	29.44825	11.06^m	M_L 2.9	41	1.24	131	1.64	6.4	Acıpayam
2019.03.20	18:41:51.63	37.40455	29.45077	15.00^n	M_L 3.9	22	1.40	112	1.45	6.4	Acıpayam
2019.03.20	19:31:04.73	37.49597	29.40822	12.27^m	M_L 2.5	30	0.82	120	1.14	2.9	Acıpayam
2019.03.20	22:24:28.89	37.38963	29.44544	10.88^m	M_L 2.7	62	1.51	152	1.63	7.8	Acıpayam
2019.03.20	22:56:18.27	37.38985	29.42522	14.19^m	M_L 2.2	26	1.02	116	1.25	4.0	Acıpayam
2019.03.21	00:08:07.09	37.41677	29.46291	14.28^m	M_L 3.2	31	1.13	121	1.29	4.6	Acıpayam
2019.03.21	00:11:18.70	37.44137	29.46286	12.87^m	M_L 2.4	37	1.17	127	1.45	5.4	Acıpayam
2019.03.21	00:19:52.92	37.47604	29.37650	12.00^n	M_L 2.5	18	1.28	108	1.65	6.6	Acıpayam
2019.03.21	00:48:28.46	37.38215	29.42932	12.51^m	M_L 2.6	35	1.19	125	1.53	5.7	Acıpayam
2019.03.21	00:52:01.99	37.40284	29.45813	11.34^m	M_L 2.4	28	1.18	118	1.46	5.4	Acıpayam
2019.03.21	01:04:02.21	37.47427	29.39159	11.93^m	M_L 2.6	15	1.04	105	1.28	4.2	Acıpayam
2019.03.21	01:06:53.93	37.45059	29.40559	10.00^n	M_L 3.2	28	0.91	118	1.21	3.5	Acıpayam
2019.03.21	01:14:05.54	37.50437	29.45271	11.91^m	M_L 1.9	32	1.01	122	1.28	4.1	Acıpayam
2019.03.21	01:21:58.85	37.44306	29.44703	12.86^m	M_L 3.5	23	0.88	113	1.18	3.3	Acıpayam
2019.03.21	01:36:50.47	37.43159	29.42833	13.06^m	M_L 2.1	31	1.06	121	1.44	4.8	Acıpayam
2019.03.21	01:38:10.65	37.46701	29.44079	12.66^m	M_L 2.0	26	0.97	116	1.24	3.8	Acıpayam
2019.03.21	01:43:36.72	37.38976	29.41424	11.84^m	M_L 2.4	30	1.06	120	1.38	4.6	Acıpayam
2019.03.21	01:48:43.58	37.42057	29.45985	10.81^m	M_L 2.7	38	1.17	128	1.60	5.9	Acıpayam
2019.03.21	01:58:15.63	37.40022	29.40543	12.54^m	M_L 2.3	35	1.31	125	1.74	7.2	Acıpayam
2019.03.21	02:03:05.84	37.40538	29.44923	12.14^m	M_L 2.8	32	1.21	122	1.48	5.6	Acıpayam
2019.03.21	02:21:01.19	37.39037	29.43059	10.87^m	M_L 2.5	23	1.16	113	1.55	5.6	Acıpayam
2019.03.21	02:25:20.38	37.42471	29.45945	10.00^n	M_L 2.0	38	1.05	128	1.39	4.6	Acıpayam
2019.03.21	02:52:10.39	37.46529	29.41481	12.50^m	M_L 2.5	43	1.03	133	1.33	4.3	Acıpayam
2019.03.21	03:15:03.81	37.47057	29.40324	12.42^m	M_L 3.4	25	0.89	115	1.23	3.4	Acıpayam

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2019.03.21	03:23:36.70	37.47412	29.40840	11.53^{m}	M_L 2.6	28	0.95	118	1.24	3.7	Acıpayam
2019.03.21	04:28:35.10	37.43524	29.39334	7.00^{n}	M_L 2.2	340	1.45	70	1.53	7.0	Acıpayam
2019.03.21	04:39:49.26	37.42866	29.43043	14.09^{m}	M_L 1.7	16	1.00	106	1.38	4.3	Acıpayam
2019.03.21	06:28:22.46	37.38733	29.42917	16.00^{n}	M_L 3.0	9	1.26	99	1.54	6.1	Acıpayam
2019.03.21	07:41:48.99	37.41595	29.47979	11.06^{m}	M_L 2.4	31	1.09	121	1.40	4.8	Acıpayam
2019.03.21	09:16:18.29	37.49446	29.42555	12.68^{m}	M_L 3.1	23	1.04	113	1.28	4.2	Acıpayam
2019.03.21	09:33:33.51	37.41645	29.46795	13.69^{m}	M_L 3.0	33	1.08	123	1.33	4.5	Acıpayam
2019.03.21	16:41:11.23	37.45404	29.42319	12.89^{m}	M_L 3.9	21	1.07	111	1.38	4.6	Acıpayam
2019.03.21	22:31:24.92	37.44902	29.42736	10.90^{m}	M_L 2.3	26	1.14	116	1.45	5.2	Acıpayam
2019.03.21	22:41:33.48	37.38088	29.42481	13.32^{m}	M_L 2.1	27	1.04	117	1.27	4.1	Acıpayam
2019.03.21	22:47:33.34	37.44628	29.42671	12.80^{m}	M_L 2.2	334	1.28	64	1.49	6.0	Acıpayam
2019.03.21	22:54:20.15	37.48196	29.40318	12.08^{m}	M_L 2.6	42	1.12	132	1.45	5.1	Acıpayam
2019.03.21	23:20:15.75	37.47708	29.41195	12.09^{m}	M_L 1.8	35	0.99	125	1.50	4.7	Acıpayam
2019.03.21	23:24:42.75	37.37805	29.40465	16.82^{m}	M_L 2.3	34	1.11	124	1.56	5.4	Acıpayam
2019.03.21	23:34:42.86	37.46331	29.40150	13.11^{m}	M_L 2.4	58	1.22	148	1.52	5.8	Acıpayam
2019.03.22	00:01:40.65	37.45323	29.45071	16.85^{m}	M_L 2.8	28	0.96	118	1.23	3.7	Acıpayam
2019.03.22	00:28:37.65	37.47514	29.38001	12.97^{m}	M_L 2.3	39	1.04	129	1.37	4.5	Acıpayam
2019.03.22	01:04:46.64	37.47591	29.42364	11.09^{m}	M_L 2.4	12	0.97	102	1.39	4.2	Acıpayam
2019.03.22	01:36:31.84	37.36159	29.47415	12.28^{m}	M_L 2.5	13	1.36	103	1.46	6.3	Acıpayam
2019.03.22	02:43:41.33	37.45844	29.40017	11.63^{m}	M_L 3.1	31	0.97	121	1.27	3.9	Acıpayam
2019.03.22	02:47:18.82	37.37026	29.43652	13.51^{m}	M_L 2.8	37	1.12	127	1.34	4.7	Acıpayam
2019.03.22	03:02:26.94	37.48420	29.38379	13.00^{n}	M_L 2.4	58	1.27	148	1.57	6.3	Acıpayam
2019.03.22	04:33:40.33	37.49645	29.43086	12.19^{m}	M_L 3.1	30	1.03	120	1.28	4.2	Acıpayam
2019.03.22	04:39:03.27	37.47205	29.39548	11.71^{m}	M_L 2.2	37	1.03	127	1.38	4.5	Acıpayam
2019.03.22	08:20:45.68	37.44952	29.41523	10.62^{m}	M_L 3.8	24	0.96	114	1.33	4.0	Acıpayam
2019.03.22	10:44:04.17	37.48502	29.41205	12.18^{m}	M_L 2.9	26	0.96	116	1.21	3.6	Acıpayam
2019.03.22	15:17:07.36	37.42466	29.46430	11.95^{m}	M_L 2.5	32	1.11	122	1.32	4.6	Acıpayam
2019.03.22	15:32:46.29	37.48060	29.41211	12.69^{m}	m_b 4.3	13	0.90	103	1.16	3.3	Burdur
2019.03.22	15:32:46.37	37.48646	29.41203	12.69^{m}	m_b 4.3	22	0.89	112	1.21	3.4	Acıpayam
2019.03.22	18:03:14.26	37.44340	29.46604	12.42^{m}	M_L 2.5	29	1.12	119	1.33	4.7	Acıpayam
2019.03.22	21:15:27.10	37.46743	29.41320	12.73^{m}	M_L 3.4	26	0.94	116	1.25	3.7	Acıpayam
2019.03.23	08:52:04.25	37.42944	29.42364	11.94^{m}	M_L 3.3	26	0.84	116	1.15	3.0	Acıpayam
2019.03.23	09:36:17.89	37.49033	29.39670	12.88^{m}	M_L 3.3	29	0.84	119	1.11	3.0	Acıpayam
2019.03.23	13:14:13.52	37.50135	29.41191	13.71^{m}	M_L 2.9	28	0.95	118	1.23	3.7	Acıpayam
2019.03.24	00:26:11.91	37.42561	29.46051	13.28^{m}	M_L 3.5	20	0.91	110	1.19	3.4	Acıpayam
2019.03.24	00:36:39.24	37.43458	29.48964	13.56^{m}	M_L 2.4	18	1.35	108	1.47	6.2	Acıpayam

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2019.03.24	00:42:21.73	37.49895	29.43371	13.43^m	M_L 2.7	29	1.12	119	1.36	4.8	Acıpayam
2019.03.24	00:47:15.92	37.51264	29.41338	13.72^m	M_L 3.1	32	0.99	122	1.28	4.0	Acıpayam
2019.03.24	01:07:14.66	37.53304	29.38887	10.47^m	M_L 2.6	74	1.28	164	1.75	7.0	Acıpayam
2019.03.24	01:23:46.11	37.42659	29.42304	12.67^m	M_L 3.0	34	0.98	124	1.36	4.2	Acıpayam
2019.03.24	13:49:59.88	37.48221	29.41059	13.55^m	M_L 3.2	20	1.14	110	1.34	4.8	Acıpayam
2019.03.24	16:17:01.81	37.46428	29.42802	12.68^m	M_L 3.8	23	1.01	113	1.29	4.1	Acıpayam
2019.03.25	00:04:01.31	37.49495	29.41814	12.44^m	M_L 3.0	35	1.13	125	1.26	4.5	Acıpayam
2019.03.25	01:05:08.52	37.50788	29.40438	11.45^m	M_L 3.2	49	1.02	139	1.17	3.8	Acıpayam
2019.03.25	05:47:44.00	37.48350	29.40913	11.90^m	M_L 2.3	25	1.01	115	1.27	4.0	Acıpayam
2019.03.25	06:15:27.49	37.39611	29.43896	11.99^m	m_b 4.4	26	0.79	116	0.96	2.4	Burdur
2019.03.25	06:15:27.49	37.39948	29.43112	11.99^m	m_b 4.4	26	0.84	116	1.14	3.0	Acıpayam
2019.03.25	06:36:20.13	37.49902	29.37843	12.72^m	M_L 2.8	47	1.13	137	1.28	4.5	Acıpayam
2019.03.25	07:04:32.62	37.49419	29.37191	12.53^m	M_L 2.6	30	1.01	120	1.39	4.4	Acıpayam
2019.03.25	10:53:00.04	37.49221	29.39006	12.99^m	M_L 2.3	35	0.97	125	1.35	4.1	Acıpayam
2019.03.25	11:18:36.99	37.45986	29.45538	13.26^m	M_L 3.2	37	1.12	127	1.30	4.6	Acıpayam
2019.03.25	11:44:15.06	37.49518	29.40882	11.86^m	M_L 3.0	40	0.97	130	1.21	3.7	Acıpayam
2019.03.25	11:48:58.35	37.49521	29.43176	11.09^m	M_L 3.5	27	1.01	117	1.29	4.1	Acıpayam
2019.03.25	12:11:27.88	37.47934	29.39518	14.19^m	M_L 2.3	38	1.07	128	1.27	4.3	Acıpayam
2019.03.25	13:53:52.00	37.41746	29.43352	12.39^m	M_L 2.9	59	1.02	149	1.24	4.0	Acıpayam
2019.03.25	14:35:32.43	37.49302	29.41667	12.51^m	m_b 4.4	21	0.91	111	1.17	3.4	Acıpayam
2019.03.25	22:03:06.61	37.47302	29.46351	12.76^m	M_L 2.5	27	0.87	117	1.13	3.1	Acıpayam
2019.03.25	22:07:06.91	37.46476	29.48324	12.52^m	M_L 2.1	24	0.91	114	1.24	3.5	Acıpayam
2019.03.25	22:35:11.06	37.50275	29.41095	11.27^m	M_L 1.9	17	1.01	107	1.13	3.6	Acıpayam
2019.03.26	00:24:26.51	37.40926	29.44710	12.61^m	M_L 3.1	26	0.90	116	1.17	3.3	Acıpayam
2019.03.26	01:28:21.42	37.40469	29.44944	12.13^m	M_L 3.3	26	0.91	116	1.18	3.4	Acıpayam
2019.03.26	05:26:35.32	37.38761	29.42291	13.76^m	M_L 2.5	44	1.11	134	1.31	4.6	Acıpayam
2019.03.26	08:31:02.79	37.47013	29.46382	9.26^m	M_L 3.4	34	1.11	124	1.21	4.2	Acıpayam
2019.03.26	16:57:49.27	37.50371	29.45907	9.25^m	M_L 2.2	47	1.15	137	1.43	5.2	Acıpayam
2019.03.26	19:43:28.22	37.39175	29.46527	9.69^m	M_L 2.3	38	1.13	128	1.41	5.0	Acıpayam
2019.03.26	23:14:30.70	37.40118	29.44156	11.20^m	M_L 2.4	25	0.93	115	1.21	3.5	Acıpayam
2019.03.27	03:08:26.33	37.42228	29.46305	11.11^m	M_L 2.2	20	1.10	110	1.30	4.5	Acıpayam
2019.03.27	03:25:36.01	37.47847	29.40247	11.19^m	M_L 2.2	21	1.09	111	1.39	4.8	Acıpayam
2019.03.27	04:22:58.16	37.44617	29.42607	11.89^m	M_L 2.9	36	1.04	126	1.28	4.2	Acıpayam
2019.03.27	04:38:02.63	37.44914	29.41683	12.13^m	M_L 2.9	29	0.86	119	1.15	3.1	Acıpayam
2019.03.27	04:55:00.87	37.46710	29.42364	12.56^m	M_L 2.7	27	0.84	117	1.15	3.0	Acıpayam
2019.03.27	05:45:22.87	37.40945	29.46445	13.11^m	M_L 2.9	34	1.07	124	1.26	4.2	Acıpayam

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2019.03.27	06:24:36.24	37.47508	29.48200	10.67^m	M_L 2.3	59	1.19	149	1.62	6.0	Acıpayam
2019.03.27	10:17:43.73	37.44938	29.44896	10.60^m	M_L 3.3	30	0.87	120	1.17	3.2	Acıpayam
2019.03.27	11:27:01.99	37.45591	29.41277	14.00^n	M_L 4.3	311	0.78	41	0.90	2.2	Burdur
2019.03.27	11:27:02.00	37.45993	29.41098	14.00^n	M_L 4.3	23	0.84	113	1.09	2.9	Acıpayam
2019.03.27	22:24:10.07	37.40010	29.39882	16.00^m	M_L 3.3	24	1.06	114	1.35	4.5	Acıpayam
2019.03.27	23:53:26.87	37.48470	29.47016	12.10^m	M_L 1.8	36	0.99	126	1.28	4.0	Acıpayam
2019.03.28	00:58:46.31	37.44205	29.44293	11.60^m	M_L 2.4	22	0.89	112	1.09	3.1	Acıpayam
2019.03.28	01:19:07.10	37.45773	29.49126	11.11^m	M_L 2.4	25	1.04	115	1.34	4.4	Acıpayam
2019.03.28	14:24:21.96	37.46595	29.43421	10.00^n	M_L 2.9	38	1.12	128	1.24	4.4	Acıpayam
2019.03.28	15:11:35.55	37.45345	29.43762	11.87^m	M_L 2.7	35	0.96	125	1.18	3.6	Acıpayam
2019.03.28	15:25:27.79	37.45866	29.41318	10.82^m	M_L 2.3	28	0.97	118	1.28	3.9	Acıpayam
2019.03.28	18:10:33.21	37.45212	29.40407	11.89^m	M_L 2.2	28	0.97	118	1.27	3.8	Acıpayam
2019.03.28	20:14:58.38	37.49452	29.38125	11.78^m	M_L 3.3	43	1.00	133	1.14	3.6	Acıpayam
2019.03.28	22:03:39.81	37.44204	29.40972	12.78^m	M_L 3.4	36	1.12	126	1.41	5.0	Acıpayam
2019.03.29	00:24:20.22	37.40320	29.45532	13.13^m	M_L 3.3	26	1.02	116	1.33	4.2	Acıpayam
2019.03.30	19:49:23.41	37.43434	29.43346	12.15^m	M_L 2.7	29	1.06	119	1.23	4.1	Acıpayam
2019.03.30	22:09:06.45	37.43734	29.42411	13.00^n	M_L 3.8	21	1.01	111	1.32	4.2	Acıpayam
2019.03.30	22:57:48.38	37.46897	29.43141	14.66^m	M_L 2.8	28	0.93	118	1.17	3.4	Acıpayam
2019.03.30	22:59:59.92	37.44760	29.41842	12.15^m	M_L 3.4	30	1.06	120	1.28	4.2	Acıpayam
2019.03.31	11:30:15.45	37.47114	29.37810	12.80^m	m_b 5.1	85	0.78	175	0.81	2.0	Burdur
2019.03.31	11:30:15.50	37.46713	29.38668	12.80^m	m_b 5.1	24	0.80	114	1.06	2.7	Acıpayam
2019.03.31	11:45:32.57	37.47017	29.35420	12.40^m	M_L 4.1	17	0.96	107	1.03	3.1	Burdur
2019.03.31	11:45:32.65	37.47096	29.34155	12.40^m	M_L 4.1	26	0.88	116	1.14	3.2	Acıpayam
2019.03.31	11:56:27.04	37.49878	29.38315	12.06^m	M_L 3.2	20	1.02	110	1.38	4.4	Acıpayam
2019.03.31	13:06:47.11	37.49721	29.39888	11.57^m	M_L 2.6	18	0.95	108	1.25	3.7	Acıpayam
2019.03.31	13:54:03.85	37.49574	29.34973	11.21^m	M_L 3.5	30	1.05	120	1.21	4.0	Acıpayam
2019.03.31	16:29:19.80	37.47071	29.41016	12.27^m	M_L 2.5	26	1.09	116	1.34	4.6	Acıpayam
2019.03.31	17:12:48.89	37.50657	29.36789	12.43^m	M_L 2.4	27	0.84	117	1.16	3.0	Acıpayam
2019.03.31	17:25:40.66	37.49962	29.40507	11.92^m	M_L 3.2	23	0.92	113	1.17	3.4	Acıpayam
2019.03.31	19:02:21.45	37.50073	29.41406	12.30^m	M_L 2.1	12	0.92	102	1.25	3.6	Acıpayam
2019.03.31	21:05:24.90	37.48088	29.41232	12.13^m	m_b 2.9	23	0.96	113	1.23	3.7	Acıpayam
2019.03.31	22:49:52.98	37.46060	29.36328	12.98^m	M_L 2.8	41	1.24	131	1.30	5.1	Acıpayam
2019.04.01	01:40:55.51	37.46352	29.40148	11.39^m	M_L 2.0	25	0.94	115	1.20	3.5	Acıpayam
2019.04.01	01:49:28.58	37.45779	29.39092	13.00^n	m_b 4.5	26	0.97	116	1.24	3.8	Acıpayam
2019.04.01	01:49:28.61	37.45393	29.38887	13.00^n	m_b 4.5	78	1.04	168	1.15	3.7	Burdur
2019.04.01	02:01:56.42	37.50251	29.37266	11.57^m	M_L 2.4	13	1.21	103	1.42	5.4	Acıpayam

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2019.04.01	02:02:44.66	37.45759	29.41093	11.86^m	M_L 2.5	22	0.97	112	1.31	4.0	Acıpayam
2019.04.01	02:21:47.13	37.49803	29.36018	11.81^m	M_L 1.9	34	1.02	124	1.50	4.8	Acıpayam
2019.04.01	02:40:25.72	37.39690	29.45000	13.72^m	M_L 2.0	25	1.18	115	1.30	4.8	Acıpayam
2019.04.01	03:16:50.40	37.45319	29.46020	16.00^n	M_L 3.6	19	0.98	109	1.30	4.0	Acıpayam
2019.04.01	03:19:59.42	37.48329	29.41359	12.81^m	M_L 3.1	17	1.00	107	1.25	3.9	Acıpayam
2019.04.01	03:59:17.75	37.50103	29.38257	13.65^m	M_L 2.5	27	1.10	117	1.35	4.7	Acıpayam
2019.04.01	04:39:33.94	37.40742	29.48360	14.67^m	M_L 2.9	29	1.32	119	1.55	6.4	Acıpayam
2019.04.01	04:51:49.43	37.45516	29.38877	13.38^m	M_L 2.3	34	1.29	124	1.43	5.8	Acıpayam
2019.04.01	06:14:29.45	37.48506	29.35925	12.00^n	M_L 3.1	36	0.93	126	1.22	3.5	Acıpayam
2019.04.01	08:49:36.57	37.43380	29.44716	14.13^m	M_L 3.0	28	1.04	118	1.27	4.2	Acıpayam
2019.04.01	09:46:12.73	37.48819	29.41383	13.34^m	M_L 2.5	48	1.08	138	1.28	4.4	Acıpayam
2019.04.01	10:39:46.99	37.49857	29.38767	12.25^m	M_L 3.1	51	0.97	141	1.29	3.9	Acıpayam
2019.04.01	11:39:06.81	37.45308	29.35139	12.57^m	M_L 2.6	29	0.87	119	1.19	3.2	Acıpayam
2019.04.01	12:25:36.33	37.48595	29.40757	11.98^m	M_L 2.8	30	1.01	120	1.29	4.1	Acıpayam
2019.04.01	14:02:44.89	37.48750	29.40070	12.56^m	M_L 2.5	43	1.06	133	1.39	4.6	Acıpayam
2019.04.02	08:23:53.10	37.47673	29.39744	12.03^m	m_b 3.7	30	0.90	120	1.18	3.4	Acıpayam
2019.04.02	21:03:40.98	37.49968	29.39035	11.58^m	M_L 2.0	32	0.88	122	1.28	3.5	Acıpayam
2019.04.03	00:43:37.88	37.47012	29.42009	9.00^n	M_L 2.0	27	1.32	117	1.63	6.8	Acıpayam
2019.04.03	03:20:54.98	37.47979	29.38816	12.68^m	M_L 2.8	12	1.12	102	1.40	4.9	Acıpayam
2019.04.03	15:19:25.50	37.47543	29.32231	10.99^m	M_L 2.4	34	0.92	124	1.13	3.3	Acıpayam
2019.04.04	00:09:05.33	37.48465	29.40119	12.97^m	M_L 2.9	28	0.83	118	1.14	3.0	Acıpayam
2019.04.04	00:28:44.87	37.48192	29.38239	11.70^m	M_L 2.9	36	1.01	126	1.37	4.3	Acıpayam
2019.04.04	01:33:07.14	37.47729	29.47035	12.06^m	M_L 2.1	25	1.13	115	1.52	5.4	Acıpayam
2019.04.04	02:24:44.85	37.50321	29.38225	11.15^m	M_L 2.9	40	0.99	130	1.14	3.6	Acıpayam
2019.04.04	10:38:19.43	37.46393	29.46455	9.96^m	M_L 2.6	38	1.20	128	1.51	5.7	Acıpayam
2019.04.04	15:01:17.34	37.48027	29.34521	13.27^m	M_L 4.3	283	0.87	13	0.96	2.6	Burdur
2019.04.04	15:01:17.36	37.48772	29.33530	13.27^m	M_L 4.3	27	0.85	117	1.14	3.1	Acıpayam
2019.04.05	02:32:14.48	37.45224	29.52016	13.00^n	M_L 2.6	36	1.15	126	1.41	5.1	Acıpayam
2019.04.05	16:55:58.34	37.47196	29.34408	11.09^m	M_L 3.2	29	0.88	119	1.26	3.5	Acıpayam
2019.04.06	02:29:28.45	37.47471	29.39500	12.04^m	M_L 2.1	28	0.98	118	1.28	3.9	Acıpayam
2019.04.07	10:26:54.71	37.42667	29.46321	13.00^m	M_L 2.6	27	1.11	117	1.44	5.0	Acıpayam
2019.04.07	13:08:25.41	37.40259	29.46678	14.00^n	M_L 2.6	32	1.09	122	1.32	4.5	Acıpayam
2019.04.07	17:13:27.93	37.40557	29.48413	11.58^m	M_L 2.1	32	0.98	122	1.42	4.3	Acıpayam
2019.04.20	20:54:31.33	37.53207	32.13371	13.08^m	M_L 3.3	304	0.90	34	1.06	3.0	Beyşehir
2019.04.21	13:40:03.46	37.56570	32.09706	13.96^m	M_L 3.9	322	0.88	52	1.16	3.2	Beyşehir
2019.04.22	19:36:38.86	37.14314	28.66976	12.00^l	m_b 4.3	84	0.99	174	1.19	3.7	Çameli

Table S2: *continued*

Date	Time	Lat.	Lon.	Depth	Mag.	A1	L1	A2	L2	Area	Cluster
2019.05.24	15:16:22.58	37.91050	29.21459	13.00^{l}	M_L 3.0	303	1.32	33	1.46	6.1	Burdur
2019.05.28	21:09:26.25	37.53643	29.89865	14.00^{l}	M_L 2.0	65	1.52	155	2.66	12.7	Burdur
2019.06.03	05:32:41.15	37.49563	29.41972	12.00^{n}	M_L 1.7	20	1.73	110	2.19	11.9	Bozkurt
2019.06.09	10:40:13.64	37.57984	29.45922	14.00^{n}	M_L 2.2	67	1.09	157	1.56	5.3	Bozkurt
2019.06.09	10:40:13.79	37.58651	29.45004	13.00^{n}	M_L 2.2	44	1.20	134	1.44	5.4	Burdur
2019.06.10	00:21:11.33	38.18296	29.66402	12.00^{n}	M_L 2.4	326	1.25	56	1.53	6.0	Burdur
2019.06.10	00:21:11.39	38.18616	29.64884	14.00^{n}	M_L 2.4	280	1.06	10	1.30	4.3	Bozkurt
2019.06.11	19:54:36.03	37.45639	29.41541	15.00^{n}	M_L 1.7	356	1.25	86	1.78	7.0	Bozkurt
2019.06.14	04:22:46.82	38.19683	30.18137	16.00^{l}	M_L 2.2	323	1.31	53	1.72	7.1	Bozkurt
2019.06.16	07:41:15.04	37.84211	29.29823	16.00^{l}	M_L 3.2	271	1.09	1	1.70	5.8	Bozkurt
2019.06.16	07:41:15.18	37.84037	29.32014	16.00^{l}	M_L 3.2	293	1.28	23	1.45	5.8	Burdur
2019.06.17	06:12:11.61	38.19118	30.17966	13.00^{l}	M_L 2.4	49	1.33	139	1.82	7.6	Bozkurt
2019.06.17	06:12:11.97	38.17733	30.16725	13.00^{l}	M_L 2.4	40	1.11	130	2.03	7.1	Burdur
2019.06.20	09:23:09.04	37.65435	30.15642	15.00^{l}	M_L 1.9	66	1.10	156	2.10	7.2	Bozkurt
2019.06.20	09:25:41.44	37.65356	30.16185	19.00^{l}	M_L 1.7	65	1.04	155	1.78	5.8	Bozkurt
2019.06.26	23:57:42.09	37.91421	29.30636	15.00^{l}	M_L 2.0	285	1.45	15	1.93	8.8	Burdur
2019.06.26	23:57:42.12	37.92835	29.31034	15.00^{l}	M_L 2.0	88	1.14	178	1.94	7.0	Bozkurt
2019.07.20	17:08:10.23	37.44204	29.80096	15.00^{c}	m_b 3.3	54	2.98	144	4.59	43.0	Bozkurt
2019.07.21	01:57:17.91	37.31774	29.83513	17.00^{l}	M_L 3.5	274	1.17	4	1.54	5.6	Bozkurt
2019.08.08	11:19:35.49	37.89544	29.59863	16.00^{l}	m_b 4.1	274	0.90	4	1.28	3.6	Bozkurt
2019.08.08	11:19:35.59	37.90068	29.60183	16.00^{l}	m_b 4.1	290	1.38	20	1.57	6.8	Burdur
2019.08.08	11:25:28.79	37.88206	29.64080	17.00^{n}	m_b 5.7	280	0.73	10	0.81	1.9	Burdur
2019.08.08	11:25:28.83	37.88949	29.61131	17.00^{l}	m_b 5.7	275	0.94	5	1.35	4.0	Bozkurt
2019.08.08	11:33:41.76	37.86040	29.70283	19.00^{l}	M_L 3.5	273	1.00	3	1.63	5.1	Bozkurt
2019.08.08	12:38:21.25	37.84640	29.67321	15.00^{l}	m_b 3.7	86	1.00	176	1.47	4.6	Bozkurt
2019.08.08	14:24:41.55	37.84981	29.72134	15.00^{l}	M_L 3.4	276	0.94	6	1.34	3.9	Bozkurt
2019.08.08	20:50:12.81	37.84834	29.74977	16.00^{l}	m_b 3.8	274	0.95	4	1.50	4.5	Bozkurt
2019.08.08	22:25:46.28	37.84099	29.76214	16.00^{l}	M_L 3.0	272	0.97	2	1.62	4.9	Bozkurt
2019.08.14	11:29:23.06	37.84270	29.66561	13.00^{l}	m_b 4.0	273	1.01	3	1.42	4.5	Bozkurt
2019.08.20	04:37:07.85	37.83400	29.72277	14.00^{l}	m_b 4.1	276	1.12	6	1.32	4.6	Bozkurt
2019.08.21	12:28:24.99	37.88220	29.60102	16.00^{l}	m_b 3.7	75	1.26	165	1.38	5.5	Bozkurt
2019.08.26	14:00:36.52	37.84848	29.66189	15.00^{l}	M_L 2.8	272	1.06	2	1.93	6.5	Bozkurt
2019.08.26	19:23:28.59	37.79226	29.71551	15.00^{c}	m_b 3.5	334	1.59	64	2.96	14.8	Bozkurt
2019.08.29	04:42:26.30	37.85954	29.65158	15.00^{l}	M_L 3.1	85	1.00	175	1.50	4.7	Bozkurt
2019.08.30	23:51:37.12	37.81797	29.64750	15.00^{l}	m_b 3.3	86	1.14	176	2.00	7.1	Bozkurt

Table S3: Compilation of earthquake focal mechanism data for the region shown in Figure 3 of the main paper, complete up to August 2019. FD is focal depth and CD is centroid depth, both in kilometers. Longitude and latitude refer to the hypocenter, except where Över et al. (2013) or Över et al. (2016a) is listed as the source, in which case they refer to the centroid location. For other hypocenter sources, ISC-GEM refers to the International Seismological Centre's ISC-GEM Global Instrumental Earthquake Catalogue, preferred for events before 1964 (Bondár et al. 2015); ISC-EHB refers to their bulletin of earthquakes relocated using the algorithm of Engdahl et al. (1998), preferred for the period 1964–2016 (Weston et al. 2018); ISC refers to their standard bulletin, preferred for earthquakes since 2017; and KOERI is the Kandilli Observatory and Earthquake Research Institute. Under mechanism sources, GCMT is the Global Centroid Moment Tensor catalog (Dziewonski et al. 1981; Ekström et al. 2012), GEOFON is a program of the GFZ German Research Centre for Geosciences; and USGS refers to the U.S. Geological Survey's Advanced National Seismic System Comprehensive Earthquake Catalog (ANSS ComCat). Where both regionally-derived and globally-derived mechanisms are available, we prefer the latter.

Table S3:

Date	**Time**	**Hypocenter**				**Mechanism**						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
1955.07.16	07:07	27.284°	37.617°	15	ISC-GEM	55	51	−133	6.8	–	global first motions	McKenzie (1972)
1957.04.24	19:10	28.829°	36.493°	35	ISC-GEM	83	63	28	6.8	–	global first motions	McKenzie (1972)
1957.04.25	02:25	28.699°	36.405°	35	ISC-GEM	58	85	19	7.2	–	global first motions	McKenzie (1972)
1959.04.25	00:26	28.632°	36.957°	36	ISC-GEM	65	76	−70	6.2	–	global first motions	McKenzie (1972)
1959.04.25	01:05	28.711°	36.969°	49	ISC-GEM	38	70	−71	5.6	–	global first motions	Canitez & Üçer (1967)
1961.05.23	02:45	28.594°	36.693°	35	ISC-GEM	269	28	90	6.6	–	global first motions	McKenzie (1972)
1963.03.11	07:27	29.1201°	37.9476°	15	*this study*	67	75	23	5.7	–	global first motions	Canitez & Üçer (1967)
1964.01.30	17:45	29.8705°	37.3898°	15	*this study*	263	12	−156	5.5	–	global first motions	Canitez & Üçer (1967)
1965.06.13	20:01	29.3493°	37.8238°	15	*this study*	101	70	−90	5.4	–	global first motions	McKenzie (1972)
1969.01.14	23:12	29.208°	36.137°	32	ISC-EHB	307	18	116	6.3	–	global first motions	McKenzie (1972)
1969.03.23	21:08	28.6820°	39.1280°	14	Karasözen et al. (2016)	296	54	−92	5.8	8	teleseismic body waveforms	Braunmiller (1991)
1969.03.25	13:21	28.6690°	39.1170°	14	Karasözen et al. (2016)	307	44	−96	5.9	10	teleseismic body waveforms	Braunmiller (1991)
1969.03.28	01:48	28.468°	38.537°	10	ISC-EHB	300	41	−97	6.7	3	teleseismic body waveforms	Braunmiller & Nabelek (1996)
1969.04.30	20:20	28.6980°	39.1110°	14	Karasözen et al. (2016)	288	55	−72	5.1	–	global first motions	McKenzie (1972)
1970.03.28	21:02	29.3820°	39.1890°	15	Karasözen et al. (2016)	304	41	−97	7.1	8	teleseismic body waveforms	Braunmiller & Nabelek (1996)

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
1970.04.16	10:42	29.7560°	39.0850°	15	Karasözen et al. (2016)	283	38	−102	5.5	8	teleseismic body waveforms	Braunmiller (1991)
1970.04.19	13:29	29.6020°	39.0720°	15	Karasözen et al. (2016)	278	50	−87	5.8	10	teleseismic body waveforms	Braunmiller (1991)
1970.04.23	09:01	28.8100°	39.0670°	14	Karasözen et al. (2016)	266	40	−83	5.2	–	global first motions	McKenzie (1978)
1971.05.12	06:25	29.7253°	37.5962°	15	*this study*	230	35	−105	6.0	12	teleseismic body waveforms	Taymaz & Price (1992)
1971.05.12	10:10	29.7200°	37.5388°	15	*this study*	214	90	−90	5.5	–	global first motions	McKenzie (1978)
1971.05.12	12:57	29.6261°	37.5409°	15	*this study*	235	65	−89	5.5	12	teleseismic body waveforms	Taymaz & Price (1992)
1971.05.25	05:43	29.5990°	39.0950°	15	Karasözen et al. (2016)	297	51	−102	5.8	7	teleseismic body waveforms	Braunmiller (1991)
1974.02.01	00:01	27.261°	38.535°	15	ISC-EHB	250	65	−151	5.5	–	global first motions	Kocaefe & Ataman (1976)
1975.04.30	04:28	30.774°	36.264°	64	ISC-EHB	72	60	−106	5.6	–	global first motions	McKenzie (1972)
1977.06.01	12:54	31.361°	36.230°	62	ISC-EHB	132	64	155	5.6	59	global waveforms	GCMT
1977.12.16	07:37	27.231°	38.376°	17	ISC-EHB	304	70	−76	5.5	–	global first motions	Drakopoulos & Delibasis (1982)
1979.05.28	09:27	31.783°	36.467°	100	ISC-EHB	48	27	−133	5.9	96	global waveforms	GCMT
1979.12.31	06:21	31.524°	36.201°	70	ISC-EHB	67	23	−149	5.7	53	global waveforms	GCMT
1981.04.26	14:13	30.698°	36.542°	68	ISC-EHB	178	30	4	5.6	63	global waveforms	GCMT
1986.10.11	09:00	28.5258°	37.9111°	14	*this study*	71	57	−103	5.4	15	teleseismic body waveforms	Taymaz (1993)
1987.06.19	18:45	28.182°	36.778°	76	ISC-EHB	121	41	88	5.2	65	teleseismic body waveforms	Benetatos et al. (2004)
1989.02.19	14:28	28.0190°	37.0480°	10	Karasözen et al. (2018)	93	32	−85	5.4	15	global waveforms	GCMT
1989.02.24	00:40	29.2635°	37.7135°	10	*this study*	113	39	−77	5.3	15	global waveforms	GCMT
1989.04.27	23:06	28.0340°	37.0420°	10	Karasözen et al. (2018)	102	33	−65	5.1	14	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
1989.04.28	13:30	28.0300°	37.0420°	12	Karasözen et al. (2018)	102	32	−96	5.4	8	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
1990.07.18	11:29	29.4927°	37.0410°	12	*this study*	96	49	−119	5.4	10	teleseismic body waveforms	Howell et al. (2017)
1991.03.11	18:33	30.988°	37.036°	109	ISC-EHB	131	41	125	5.1	123	global waveforms	GCMT

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
1991.12.05	20:21	31.788°	36.173°	118	ISC-EHB	66	20	−89	5.2	118	global waveforms	GCMT
1994.01.28	15:45	27.539°	38.690°	15	ISC-EHB	291	53	−75	5.4	4	teleseismic body waveforms	Parke (2001)
1994.11.13	06:56	28.9542°	36.9758°	7	*this study*	285	48	−94	5.4	8	teleseismic body waveforms	Howell et al. (2017)
1995.10.01	15:57	30.1031°	38.0888°	13	*this study*	136	43	−93	6.3	4	teleseismic body waveforms	Wright et al. (1999)
1996.04.26	07:01	27.921°	36.415°	70	ISC-EHB	343	54	174	5.3	70	teleseismic body waveforms	Benetatos et al. (2004)
1996.07.22	01:44	27.125°	36.139°	15	ISC-EHB	223	36	−78	5.0	15	global waveforms	GCMT
1997.01.21	20:47	28.9479°	38.0867°	12	*this study*	85	28	−138	5.2	18	global waveforms	GCMT
1998.04.04	16:16	30.0810°	38.1143°	17	*this study*	313	46	−105	5.2	15	global waveforms	GCMT
1999.10.05	00:53	28.2160°	36.8800°	11	Karasözen et al. (2018)	240	41	−57	5.0	21	teleseismic body waveforms	Benetatos et al. (2004)
2000.04.21	12:23	29.3250°	37.8752°	12	*this study*	110	23	−139	5.4	15	global waveforms	GCMT
2000.12.15	16:44	31.0945°	38.4375°	15	*this study*	294	40	−80	6.0	8	teleseismic body waveforms	Taymaz & Tan (2001)
2001.02.02	09:51	30.2210°	37.7557°	14	*this study*	252	49	−102	4.5	6	regional waveforms	Över et al. (2013)
2002.01.19	19:12	30.41°	37.79°	–	Över et al. (2013)	82	68	−91	3.8	6	regional waveforms	Över et al. (2013)
2002.02.03	07:11	31.2315°	38.5751°	18	*this study*	275	54	−43	6.4	8	teleseismic body waveforms	Roumelioti et al. (2004)
2002.02.03	09:26	30.8609°	38.6764°	15	*this study*	236	45	−58	5.8	15	global waveforms	GCMT
2002.02.03	11:39	31.0931°	38.6089°	15	*this study*	229	50	−108	5.3	15	global waveforms	GCMT
2002.04.03	22:57	30.3175°	37.7277°	14	*this study*	234	57	−78	4.0	3	regional waveforms	Över et al. (2013)
2002.04.05	07:38	30.2648°	37.7302°	17	*this study*	245	53	−75	3.0	6	regional waveforms	Över et al. (2013)
2003.05.03	11:22	31.539°	36.910°	120	ISC-EHB	355	39	149	5.4	108	teleseismic body waveforms	Howell et al. (2017)
2003.06.06	02:54	29.904°	37.705°	7	KOERI	73	12	−64	3.4	3	regional waveforms	Över et al. (2013)
2003.07.23	04:56	28.8516°	38.0836°	19	*this study*	97	31	−111	5.3	15	global waveforms	GCMT
2003.07.26	08:36	28.8843°	38.0433°	19	*this study*	60	57	−147	5.4	15	global waveforms	GCMT

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2004.05.14	16:34	29.6821°	37.5339°	15	*this study*	61	83	−91	4.5	9	regional waveforms	Över et al. (2013)
2004.08.03	13:11	27.7530°	36.9420°	13	Karasözen et al. (2018)	67	39	−99	5.1	11	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
2004.08.04	03:01	27.7640°	36.9260°	13	Karasözen et al. (2018)	61	38	−103	5.4	9	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
2004.08.04	04:19	27.7780°	36.9120°	12	Karasözen et al. (2018)	71	34	−97	5.3	13	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
2004.08.04	14:18	27.7620°	36.9150°	11	Karasözen et al. (2018)	66	39	−109	5.2	8	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
2004.09.16	01:40	29.1723°	37.7274°	13	*this study*	30	66	−141	4.3	–	regional first motions	Irmak (2013)
2004.12.20	23:02	28.2741°	36.9775°	10	*this study*	60	50	−107	5.3	8	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
2005.01.10	23:48	27.8660°	36.9960°	12	Karasözen et al. (2018)	81	34	−89	5.2	8	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
2005.01.11	04:35	27.8220°	36.9690°	11	Karasözen et al. (2018)	59	38	−102	5.2	10	teleseismic body waveforms	Yolsal-Çevikbilen et al. (2014)
2005.01.29	14:48	29.7026°	38.2158°	14	*this study*	201	77	−138	3.8	8	regional waveforms	Irmak (2013)
2006.06.05	04:23	28.6806°	37.9076°	19	*this study*	295	34	−88	4.8	22	global waveforms	GCMT
2006.06.05	04:38	28.6837°	37.9008°	18	*this study*	332	52	−40	3.9	8	regional waveforms	Irmak (2013)
2007.01.23	21:21	28.7507°	38.1223°	15	*this study*	301	28	−103	4.9	13	global waveforms	GCMT
2007.03.30	16:56	30.9464°	37.9613°	17	*this study*	168	18	−110	4.6	7	regional waveforms	Över et al. (2016a)
2007.03.30	17:29	30.9600°	37.9781°	16	*this study*	1	22	−30	3.9	10	regional waveforms	Över et al. (2016a)
2007.03.30	19:23	30.9354°	37.9665°	16	*this study*	158	45	−129	4.9	14	global waveforms	GCMT
2007.03.30	20:10	30.9349°	37.9802°	15	*this study*	141	29	−40	4.1	8	regional waveforms	Över et al. (2016a)
2007.03.30	20:49	30.9642°	37.9766°	16	*this study*	146	34	−46	4.0	7	regional waveforms	Över et al. (2016a)
2007.03.30	22:05	30.9295°	38.0151°	16	*this study*	167	54	−60	3.5	5	regional waveforms	Över et al. (2016a)
2007.03.30	23:43	30.9374°	38.0062°	15	*this study*	153	32	−121	4.0	6	regional waveforms	Över et al. (2016a)
2007.03.31	00:15	30.9608°	37.9938°	15	*this study*	170	21	−119	3.5	2	regional waveforms	Över et al. (2016a)
2007.03.31	00:34	30.941°	38.012°	–	Över et al. (2016a)	138	46	−114	3.7	6	regional waveforms	Över et al. (2016a)

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2007.03.31	01:49	30.9315°	37.9812°	16	*this study*	154	31	−140	3.2	3	regional waveforms	Över et al. (2016a)
2007.03.31	09:57	30.921°	38.051°	–	Över et al. (2016a)	182	32	−95	4.1	4	regional waveforms	Över et al. (2016a)
2007.03.31	22:00	30.930°	38.003°	–	Över et al. (2016a)	147	39	−126	5.0	8	regional waveforms	Över et al. (2016a)
2007.04.10	21:39	30.9549°	37.9981°	17	*this study*	131	24	−122	4.5	7	regional waveforms	Över et al. (2016a)
2007.04.10	22:00	30.9683°	37.9651°	16	*this study*	161	50	−122	5.1	15	global waveforms	GCMT
2007.04.11	01:06	30.9264°	37.9585°	14	*this study*	176	46	−100	3.7	8	regional waveforms	Över et al. (2016a)
2007.04.11	08:59	30.9641°	38.0315°	19	*this study*	153	37	−97	4.5	23	regional waveforms	Över et al. (2016a)
2007.04.11	09:57	30.9536°	38.0374°	14	*this study*	182	32	−95	4.1	4	regional waveforms	Över et al. (2016a)
2007.04.11	10:06	30.9635°	38.0075°	14	*this study*	163	31	−82	4.3	5	regional waveforms	Över et al. (2016a)
2007.07.23	10:00	30.5469°	37.1812°	16	*this study*	27	33	−80	3.9	32	regional waveforms	Över et al. (2016a)
2007.07.24	00:25	30.555°	37.178°	–	Över et al. (2016a)	35	39	−59	3.9	31	regional waveforms	Över et al. (2016a)
2007.07.25	19:40	30.5589°	37.1704°	15	*this study*	55	66	−53	3.6	3	regional waveforms	Över et al. (2016b)
2007.09.07	18:50	29.8995°	37.5782°	10	*this study*	60	48	−104	3.7	3	regional waveforms	Över et al. (2013)
2007.10.29	09:23	29.2758°	36.9623°	14	*this study*	275	37	−107	5.3	20	teleseismic body waveforms	Howell et al. (2017)
2007.10.29	19:41	29.3044°	36.9284°	10	*this study*	273	65	−96	4.6	5	regional waveforms	Över et al. (2010)
2007.10.31	17:58	29.3119°	36.9494°	13	*this study*	264	47	−99	4.7	5	regional waveforms	Över et al. (2010)
2007.11.12	15:02	29.2597°	36.9923°	11	*this study*	268	59	−94	4.1	6	regional waveforms	Över et al. (2010)
2007.11.16	09:08	29.3080°	36.9627°	15	*this study*	263	38	−108	5.1	13	global waveforms	GCMT
2007.11.17	04:29	30.6041°	37.7764°	16	*this study*	75	57	−52	3.4	3	regional waveforms	Över et al. (2013)
2007.12.02	20:21	29.2588°	36.9936°	14	*this study*	332	53	−28	4.5	10	regional waveforms	Över et al. (2010)
2007.12.09	20:29	29.2610°	37.0004°	15	*this study*	336	50	−70	4.2	8	regional waveforms	Över et al. (2010)
2007.12.10	23:52	30.7068°	37.8369°	12	*this study*	79	52	−51	3.7	3	regional waveforms	Över et al. (2013)

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2008.01.10	17:52	28.7667°	37.9198°	16	*this study*	328	45	−40	4.2	6	regional waveforms	Irmak (2013)
2008.04.25	04:48	29.2583°	37.8192°	13	*this study*	276	28	−151	5.0	12	global waveforms	GCMT
2008.05.30	05:34	29.2358°	36.9696°	12	*this study*	306	47	−64	4.4	6	regional waveforms	Över et al. (2010)
2008.07.03	17:37	29.1944°	37.0138°	14	*this study*	280	54	−87	4.6	5	regional waveforms	Över et al. (2010)
2008.07.26	14:52	29.8658°	37.1587°	10	*this study*	178	63	111	4.1	2	regional waveforms	Över et al. (2010)
2008.07.26	22:07	29.8803°	37.2144°	10	*this study*	157	62	−108	3.8	2	regional waveforms	Över et al. (2010)
2008.08.03	16:01	29.8830°	37.1666°	11	*this study*	217	32	103	4.1	2	regional waveforms	Över et al. (2010)
2008.12.24	05:54	29.2192°	37.8443°	11	*this study*	65	75	−132	3.9	–	regional first motions	Irmak (2013)
2009.02.17	05:28	29.0570°	39.1240°	20	Karasözen et al. (2016)	262	46	−128	5.2	17	global waveforms	GCMT
2009.02.17	13:05	30.4812°	37.3061°	14	*this study*	58	25	−60	3.7	2	regional waveforms	Över et al. (2016b)
2009.02.18	08:46	30.500°	36.833°	–	Över et al. (2016a)	15	28	−84	3.7	8	regional waveforms	Över et al. (2016b)
2009.04.19	00:28	30.4834°	37.4687°	17	*this study*	8	39	−32	3.0	4	regional waveforms	Över et al. (2016b)
2009.09.10	18:29	32.5779°	37.9401°	13	*this study*	28	42	−82	4.8	22	global waveforms	GCMT
2009.09.11	01:58	32.5509°	37.9317°	14	*this study*	26	39	−76	4.9	19	global waveforms	GCMT
2009.11.25	10:53	28.8322°	37.9340°	14	*this study*	85	53	−121	4.3	8	regional waveforms	Irmak (2013)
2009.12.04	06:02	28.8219°	37.9024°	17	*this study*	269	39	−123	4.9	14	global waveforms	GCMT
2009.12.04	17:19	29.6035°	37.3832°	17	*this study*	50	32	−75	4.6	12	regional waveforms	Över et al. (2013)
2010.01.07	14:35	30.0586°	36.6261°	7	*this study*	207	16	−106	3.8	1	regional waveforms	Över et al. (2016b)
2010.03.21	11:30	30.4178°	36.8393°	9	*this study*	358	74	−86	3.9	3	regional waveforms	Över et al. (2016a)
2010.04.17	12:40	30.7110°	37.8506°	14	*this study*	60	57	−81	4.1	3	regional waveforms	Över et al. (2013)
2010.04.18	15:46	31.0773°	37.8965°	19	*this study*	51	64	−108	3.5	12	regional waveforms	Över et al. (2013)
2010.04.24	23:27	30.9167°	38.1727°	17	*this study*	29	36	−86	3.7	6	regional waveforms	Över et al. (2013)

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2010.05.26	14:22	29.8334°	36.6495°	11	*this study*	27	52	−135	4.3	12	regional waveforms	Över et al. (2016b)
2010.07.25	17:06	30.4238°	36.9593°	8	*this study*	17	19	−74	4.3	6	regional waveforms	Över et al. (2016a)
2010.11.11	20:08	27.374°	37.842°	17	ISC-EHB	114	44	−63	5.0	17	global waveforms	GCMT
2011.03.16	11:18	30.5786°	37.3054°	15	*this study*	13	48	−98	4.4	8	regional waveforms	Över et al. (2016a)
2011.05.07	18:00	28.2320°	36.9880°	9	Karasözen et al. (2016)	245	51	−119	3.8	3	regional waveforms	Cambaz & Mutlu (2016)
2011.05.08	06:50	27.2450°	36.7090°	15	Karasözen et al. (2018)	60	30	−97	5.2	13	global waveforms	GCMT
2011.05.19	19:59	29.0900°	39.1260°	19	Karasözen et al. (2016)	300	45	−105	4.4	10	regional waveforms	Görgün (2014)
2011.05.19	20:15	29.0960°	39.1440°	18	Karasözen et al. (2016)	289	54	−93	5.9	8	teleseismic body waveforms	Karasözen et al. (2016)
2011.05.19	21:12	29.0380°	39.1080°	19	Karasözen et al. (2016)	320	65	−60	4.4	7	regional waveforms	Karasözen et al. (2016)
2011.05.19	21:21	29.0310°	39.1090°	17	Karasözen et al. (2016)	285	30	−105	4.5	11	regional waveforms	Görgün (2014)
2011.05.19	21:33	29.1130°	39.1250°	19	Karasözen et al. (2016)	290	60	−70	4.1	9	regional waveforms	Karasözen et al. (2016)
2011.05.20	00:13	29.0960°	39.1320°	19	Karasözen et al. (2016)	210	75	−180	3.6	5	regional waveforms	Görgün (2014)
2011.05.20	00:58	29.0840°	39.1130°	19	Karasözen et al. (2016)	285	70	−75	4.3	7	regional waveforms	Karasözen et al. (2016)
2011.05.20	05:20	28.9870°	39.1060°	18	Karasözen et al. (2016)	225	47	−21	4.0	15	regional waveforms	Görgün (2014)
2011.05.20	08:03	29.0150°	39.0920°	18	Karasözen et al. (2016)	315	30	−60	4.3	15	regional waveforms	Görgün (2014)
2011.05.20	11:30	28.898°	39.076°	13	ISC	345	30	−60	3.6	5	regional waveforms	Görgün (2014)
2011.05.20	11:50	29.0010°	39.1110°	16	Karasözen et al. (2016)	43	33	−66	4.5	19	regional waveforms	Görgün (2014)
2011.05.21	21:43	29.0440°	39.0990°	18	Karasözen et al. (2016)	60	45	−165	4.4	14	regional waveforms	Görgün (2014)
2011.05.21	23:07	29.0190°	39.0970°	18	Karasözen et al. (2016)	30	45	−45	3.8	8	regional waveforms	Görgün (2014)
2011.05.22	16:49	29.0260°	39.1180°	15	Karasözen et al. (2016)	240	90	−45	3.9	12	regional waveforms	Görgün (2014)
2011.05.24	02:55	29.0250°	39.0950°	18	Karasözen et al. (2016)	315	75	−75	4.4	9	regional waveforms	Görgün (2014)
2011.05.24	08:57	29.0110°	39.0970°	18	Karasözen et al. (2016)	215	60	−125	3.6	7	regional waveforms	Görgün (2014)

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2011.05.26	10:10	29.118°	39.153°	2	ISC	180	30	−15	4.6	10	regional waveforms	Görgün (2014)
2011.05.27	07:43	29.0940°	39.1210°	19	Karasözen et al. (2016)	295	65	−60	4.4	8	regional waveforms	Karasözen et al. (2016)
2011.05.28	05:47	29.0290°	39.1170°	19	Karasözen et al. (2016)	314	45	−65	5.1	14	global waveforms	GCMT
2011.05.28	07:35	29.1210°	39.1140°	18	Karasözen et al. (2016)	15	15	−90	4.5	20	regional waveforms	Görgün (2014)
2011.05.28	09:28	29.0260°	39.1040°	16	Karasözen et al. (2016)	330	60	−45	4.0	5	regional waveforms	Görgün (2014)
2011.05.28	18:06	29.0270°	39.1030°	16	Karasözen et al. (2016)	285	45	−75	3.5	5	regional waveforms	Görgün (2014)
2011.05.29	01:31	29.0890°	39.1210°	19	Karasözen et al. (2016)	285	70	−80	4.2	7	regional waveforms	Karasözen et al. (2016)
2011.05.29	19:46	29.0210°	39.1190°	18	Karasözen et al. (2016)	354	47	−105	4.0	20	regional waveforms	Görgün (2014)
2011.05.30	22:03	29.0100°	39.1300°	21	Karasözen et al. (2016)	45	30	−15	3.7	10	regional waveforms	Görgün (2014)
2011.06.04	13:51	29.0840°	39.1160°	19	Karasözen et al. (2016)	300	15	−60	4.2	8	regional waveforms	Görgün (2014)
2011.06.05	21:29	29.0910°	39.1480°	21	Karasözen et al. (2016)	7	61	−17	3.8	10	regional waveforms	Görgün (2014)
2011.06.07	22:52	29.0440°	39.0990°	17	Karasözen et al. (2016)	0	45	−135	3.9	5	regional waveforms	Görgün (2014)
2011.06.27	21:14	29.0210°	39.1190°	18	Karasözen et al. (2016)	313	55	−66	5.0	19	global waveforms	GCMT
2011.06.27	21:28	29.0430°	39.1070°	19	Karasözen et al. (2016)	325	65	−55	3.9	8	regional waveforms	Karasözen et al. (2016)
2011.06.27	22:24	29.0100°	39.1150°	15	Karasözen et al. (2016)	300	60	−90	3.5	5	regional waveforms	Görgün (2014)
2011.06.27	23:41	29.0160°	39.0950°	18	Karasözen et al. (2016)	230	60	−125	4.0	15	regional waveforms	Görgün (2014)
2011.06.29	11:40	29.0130°	39.1130°	17	Karasözen et al. (2016)	255	45	−90	3.6	5	regional waveforms	Görgün (2014)
2011.07.03	14:16	29.0070°	39.1130°	18	Karasözen et al. (2016)	180	60	−15	3.7	10	regional waveforms	Görgün (2014)
2011.07.05	15:43	29.0990°	39.1130°	17	Karasözen et al. (2016)	0	75	−90	3.7	5	regional waveforms	Görgün (2014)
2011.07.06	06:22	29.0060°	39.1110°	16	Karasözen et al. (2016)	30	60	−135	3.6	5	regional waveforms	Görgün (2014)
2011.07.13	01:31	29.0250°	39.1180°	18	Karasözen et al. (2016)	300	15	−90	4.1	10	regional waveforms	Görgün (2014)
2011.07.17	19:51	29.0950°	39.1170°	20	Karasözen et al. (2016)	0	75	−45	4.3	5	regional waveforms	Görgün (2014)

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2011.07.19	21:16	29.0700°	39.1100°	17	Karasözen et al. (2016)	15	60	−60	4.2	17	regional waveforms	Görgün (2014)
2011.07.20	17:51	29.0060°	39.1240°	16	Karasözen et al. (2016)	60	47	−159	4.0	5	regional waveforms	Görgün (2014)
2011.07.27	09:58	31.9006°	38.3270°	18	*this study*	165	33	−50	4.8	16	global waveforms	GCMT
2011.08.22	20:21	29.0020°	39.1320°	15	Karasözen et al. (2016)	300	15	−60	4.0	15	regional waveforms	Görgün (2014)
2012.04.17	20:45	29.1260°	39.1200°	17	Karasözen et al. (2016)	300	70	−55	4.0	7	regional waveforms	Karasözen et al. (2016)
2012.04.26	22:05	29.1170°	39.1230°	16	Karasözen et al. (2016)	296	55	−66	4.8	14	global waveforms	GCMT
2012.05.03	15:20	29.1160°	39.1350°	18	Karasözen et al. (2016)	277	51	−91	5.2	12	global waveforms	GCMT
2012.05.03	17:10	29.1160°	39.1360°	19	Karasözen et al. (2016)	270	65	−90	4.0	10	regional waveforms	Karasözen et al. (2016)
2012.05.03	21:45	29.1110°	39.1430°	19	Karasözen et al. (2016)	105	35	−70	4.2	12	regional waveforms	Karasözen et al. (2016)
2012.05.04	02:00	29.1360°	39.1180°	17	Karasözen et al. (2016)	285	20	−80	4.0	8	regional waveforms	Karasözen et al. (2016)
2012.06.10	12:44	28.968°	36.350°	28	ISC-EHB	201	83	0	6.2	31	teleseismic body waveforms	Howell et al. (2017)
2012.06.14	16:46	29.205°	36.263°	26	ISC-EHB	51	70	−3	4.5	39	regional waveforms	GEOFON
2012.06.25	13:05	29.002°	36.350°	24	ISC-EHB	215	29	1	5.0	24	global waveforms	GCMT
2012.11.26	17:35	27.950°	36.532°	19	ISC-EHB	35	31	−94	4.8	19	global waveforms	GCMT
2013.05.16	03:02	28.4103°	36.9991°	13	*this study*	293	38	−97	5.0	14	global waveforms	GCMT
2013.07.17	22:00	27.9730°	37.0650°	10	Karasözen et al. (2016)	122	50	−60	3.8	8	regional waveforms	Cambaz & Mutlu (2016)
2013.12.08	17:31	31.312°	36.581°	88	ISC-EHB	140	69	50	4.7	91	regional waveforms	GEOFON
2014.04.06	14:17	27.4500°	37.0170°	10	Karasözen et al. (2016)	72	49	−87	3.9	4	regional waveforms	Cambaz & Mutlu (2016)
2014.04.16	23:49	31.363°	36.233°	65	ISC-EHB	183	86	−139	4.4	91	regional waveforms	Cambaz & Mutlu (2016)
2014.04.17	10:38	30.880°	37.810°	–	Över et al. (2016a)	338	54	−97	3.9	6	regional waveforms	Över et al. (2016a)
2014.05.01	17:33	27.4830°	37.0300°	11	Karasözen et al. (2016)	235	42	−75	4.0	7	regional waveforms	Cambaz & Mutlu (2016)
2014.05.06	09:18	27.4750°	37.0360°	11	Karasözen et al. (2016)	64	50	−51	3.7	8	regional waveforms	Cambaz & Mutlu (2016)

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2014.06.20	13:59	28.620°	36.306°	61	ISC-EHB	343	78	151	4.3	52	regional waveforms	GEOFON
2014.06.29	01:15	27.179°	38.837°	12	ISC	327	69	−37	3.8	11	regional waveforms	Cambaz & Mutlu (2016)
2014.08.02	03:24	31.2717°	37.1032°	18	*this study*	17	65	−102	3.4	12	regional waveforms	Över et al. (2016a)
2014.08.11	10:39	30.574°	36.723°	9	ISC	344	43	−77	3.8	6	regional waveforms	Över et al. (2016a)
2014.08.13	09:42	27.6760°	36.9460°	11	Karasözen et al. (2016)	271	66	−79	4.0	8	regional waveforms	Cambaz & Mutlu (2016)
2014.08.15	04:00	27.4340°	37.0120°	11	Karasözen et al. (2016)	59	49	−92	4.0	5	regional waveforms	Cambaz & Mutlu (2016)
2014.08.24	19:43	30.6145°	37.6608°	19	*this study*	21	27	−124	5.1	18	global waveforms	GCMT
2014.09.04	21:00	30.913°	36.292°	70	ISC-EHB	340	86	−39	5.3	67	global waveforms	GCMT
2014.11.10	06:16	28.7798°	37.1281°	14	*this study*	281	38	−110	4.8	17	global waveforms	GCMT
2015.02.08	09:36	30.0474°	37.1946°	8	*this study*	15	42	−68	3.8	3	regional waveforms	Över et al. (2016a)
2015.02.10	08:56	30.0514°	37.1445°	10	*this study*	32	44	−56	4.8	23	global waveforms	GCMT
2015.02.13	16:08	30.0477°	37.1609°	12	*this study*	7	37	−64	3.3	3	regional waveforms	Över et al. (2016a)
2015.02.16	11:52	30.0438°	37.1988°	8	*this study*	347	44	−104	4.9	12	global waveforms	GCMT
2015.03.28	19:40	30.0258°	37.2293°	12	*this study*	315	33	−105	3.7	12	regional waveforms	Över et al. (2016a)
2015.09.13	05:10	30.0104°	36.7035°	16	*this study*	333	38	−129	3.6	15	regional waveforms	Över et al. (2016a)
2015.11.08	17:15	31.3419°	37.2250°	19	*this study*	10	46	−60	4.0	20	regional waveforms	Över et al. (2016a)
2015.11.23	13:39	31.4112°	37.3888°	17	*this study*	15	62	−70	3.7	9	regional waveforms	Över et al. (2016a)
2016.01.03	14:35	31.3433°	37.2403°	16	*this study*	16	65	−52	3.3	15	regional waveforms	Över et al. (2016a)
2016.01.03	21:07	31.3711°	37.2350°	19	*this study*	326	69	−101	3.6	25	regional waveforms	Över et al. (2016a)
2016.09.12	08:26	27.769°	38.896°	15	ISC-EHB	340	26	−26	5.2	16	global waveforms	GCMT
2016.09.27	20:57	27.617°	36.401°	88	ISC-EHB	356	64	153	5.2	100	global waveforms	GCMT
2017.04.13	16:22	28.6618°	37.1159°	12	*this study*	73	37	−117	5.0	12	global waveforms	GCMT

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2017.04.21	13:09	29.057°	38.800°	7	ISC	76	42	−93	5.1	12	global waveforms	GCMT
2017.04.21	14:12	27.660°	38.749°	10	ISC	300	36	−95	5.1	12	global waveforms	GCMT
2017.05.27	15:53	27.844°	38.771°	0	ISC	304	44	−91	5.2	12	global waveforms	GCMT
2017.05.28	02:50	27.785°	38.769°	10	ISC	315	43	−85	4.6	10	regional waveforms	GEOFON
2017.05.28	02:52	27.803°	38.781°	10	ISC	291	36	−107	4.8	12	global waveforms	GCMT
2017.05.28	11:04	27.864°	38.774°	0	ISC	132	41	−73	5.0	12	global waveforms	GCMT
2017.07.20	22:31	27.4700°	36.9630°	11	Karasözen et al. (2018)	279	37	−75	6.6	7	teleseismic body waveforms	Karasözen et al. (2018)
2017.07.21	00:33	27.5904°	36.8893°	10	Karasözen et al. (2018)	285	54	−43	4.2	6	regional waveforms	Karasözen et al. (2018)
2017.07.21	01:25	27.4216°	36.9768°	13	Karasözen et al. (2018)	248	69	−68	4.1	7	regional waveforms	Karasözen et al. (2018)
2017.07.21	01:30	27.6570°	36.8748°	2	Karasözen et al. (2018)	277	56	−54	4.0	7	regional waveforms	Karasözen et al. (2018)
2017.07.21	01:35	27.6004°	36.9325°	9	Karasözen et al. (2018)	215	52	−157	4.5	5	regional waveforms	Karasözen et al. (2018)
2017.07.21	01:50	27.4082°	36.9731°	12	Karasözen et al. (2018)	247	65	−70	4.3	14	regional waveforms	Karasözen et al. (2018)
2017.07.21	01:54	27.3788°	36.9503°	9	Karasözen et al. (2018)	240	45	−98	4.2	5	regional waveforms	Karasözen et al. (2018)
2017.07.21	02:12	27.3668°	36.8776°	10	Karasözen et al. (2018)	240	51	−107	4.6	7	regional waveforms	Karasözen et al. (2018)
2017.07.21	03:59	27.6143°	36.9140°	10	Karasözen et al. (2018)	252	46	−81	4.4	5	regional waveforms	Karasözen et al. (2018)
2017.07.21	05:04	27.6189°	36.9125°	10	Karasözen et al. (2018)	65	43	−112	5.0	30	global waveforms	GCMT
2017.07.21	05:13	27.6195°	36.9068°	7	Karasözen et al. (2018)	277	41	−93	4.4	4	regional waveforms	Karasözen et al. (2018)
2017.07.21	05:52	27.3647°	36.9788°	12	Karasözen et al. (2018)	208	75	−145	4.3	11	regional waveforms	Karasözen et al. (2018)
2017.07.21	09:55	27.6932°	36.9079°	9	Karasözen et al. (2018)	274	54	−92	4.2	9	regional waveforms	Karasözen et al. (2018)
2017.07.21	17:09	27.3420°	36.8440°	15	Karasözen et al. (2018)	60	39	−112	5.0	17	global waveforms	GCMT
2017.07.22	00:34	27.5795°	36.9280°	8	Karasözen et al. (2018)	253	44	−94	4.2	3	regional waveforms	Karasözen et al. (2018)
2017.07.22	11:01	27.5779°	36.8856°	7	Karasözen et al. (2018)	263	62	−104	3.9	3	regional waveforms	Karasözen et al. (2018)

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2017.07.22	17:09	27.3514°	36.9475°	13	Karasözen et al. (2018)	247	45	−118	4.7	11	regional waveforms	Karasözen et al. (2018)
2017.07.23	18:02	27.4114°	36.9556°	11	Karasözen et al. (2018)	234	65	−87	3.9	13	regional waveforms	Karasözen et al. (2018)
2017.07.30	07:02	27.6065°	37.0037°	6	Karasözen et al. (2018)	276	64	−68	4.3	3	regional waveforms	Karasözen et al. (2018)
2017.07.30	17:51	27.6337°	36.9866°	7	Karasözen et al. (2018)	79	45	−114	4.8	18	global waveforms	GCMT
2017.07.31	16:25	27.6099°	36.9891°	10	Karasözen et al. (2018)	265	52	−79	4.1	5	regional waveforms	Karasözen et al. (2018)
2017.08.07	05:18	27.6276°	37.0036°	8	Karasözen et al. (2018)	64	47	−125	4.9	18	global waveforms	GCMT
2017.08.07	05:44	27.6235°	36.9873°	7	Karasözen et al. (2018)	256	61	−90	4.2	4	regional waveforms	Karasözen et al. (2018)
2017.08.07	18:25	27.6391°	36.9907°	9	Karasözen et al. (2018)	271	54	−74	3.9	5	regional waveforms	Karasözen et al. (2018)
2017.08.08	01:46	27.6483°	36.9924°	8	Karasözen et al. (2018)	278	60	−87	4.6	4	regional waveforms	Karasözen et al. (2018)
2017.08.08	07:42	27.6238°	37.0013°	5	Karasözen et al. (2018)	76	42	−100	5.3	12	global waveforms	GCMT
2017.08.09	09:25	27.6195°	36.9898°	8	Karasözen et al. (2018)	289	58	−76	4.0	5	regional waveforms	Karasözen et al. (2018)
2017.08.09	22:56	27.6654°	36.9843°	9	Karasözen et al. (2018)	264	60	−82	4.1	3	regional waveforms	Karasözen et al. (2018)
2017.08.13	11:16	27.7520°	37.1360°	10	Karasözen et al. (2018)	274	44	−102	5.0	12	global waveforms	GCMT
2017.08.13	12:28	27.7150°	37.1210°	10	Karasözen et al. (2016)	243	50	−109	4.5	10	regional waveforms	GEOFON
2017.08.13	16:35	27.7060°	37.1320°	10	Karasözen et al. (2016)	278	42	−93	4.4	10	regional waveforms	GEOFON
2017.08.14	02:43	27.7580°	37.0970°	10	Karasözen et al. (2018)	258	41	−92	5.0	22	global waveforms	GCMT
2017.08.18	12:47	27.6259°	36.9124°	8	Karasözen et al. (2018)	289	56	−91	4.4	5	regional waveforms	Karasözen et al. (2018)
2017.08.18	14:10	27.6396°	36.9223°	9	Karasözen et al. (2018)	290	59	−93	4.6	5	regional waveforms	Karasözen et al. (2018)
2017.10.24	09:36	27.353°	36.961°	10	ISC	270	38	−109	4.8	21	global waveforms	GCMT
2017.11.04	21:54	28.230°	36.661°	85	ISC	268	47	139	4.3	77	regional waveforms	GEOFON
2017.11.07	02:40	28.484°	36.336°	71	ISC	45	73	53	4.9	71	regional waveforms	USGS
2017.11.22	20:22	28.5984°	37.1125°	12	*this study*	269	40	−124	5.1	12	global waveforms	GCMT

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2017.11.24	21:49	28.6146°	37.1009°	14	*this study*	272	42	−100	5.3	12	global waveforms	GCMT
2018.04.13	17:14	31.9979°	37.0720°	17	*this study*	7	36	−91	4.9	24	global waveforms	GCMT
2018.04.13	17:55	31.9933°	37.0785°	19	*this study*	154	80	−120	4.2	19	regional waveforms	USGS
2018.07.23	02:40	29.8580°	37.5499°	18	*this study*	8	40	−100	4.9	18	global waveforms	GCMT
2018.09.10	15:07	27.717°	36.916°	10	ISC	92	39	−81	4.6	10	regional waveforms	GEOFON
2018.09.10	23:02	30.613°	37.230°	108	ISC	212	40	86	4.9	108	global waveforms	GCMT
2018.09.12	06:21	31.056°	36.185°	50	ISC	205	70	−17	5.3	49	global waveforms	GCMT
2019.03.20	01:41	29.4636°	37.4294°	13	*this study*	349	42	−84	3.7	7	regional waveforms	*this study*
2019.03.20	06:34	29.4570°	37.4331°	16	*this study*	329	44	−93	5.5	7	teleseismic body waveforms	*this study*
2019.03.20	08:00	29.4331°	37.3995°	13	*this study*	327	43	−63	4.0	4	regional waveforms	*this study*
2019.03.20	12:45	29.4251°	37.4444°	12	*this study*	331	62	−61	4.2	5	regional waveforms	*this study*
2019.03.20	12:57	29.3995°	37.4641°	12	*this study*	251	51	−100	3.6	5	regional waveforms	*this study*
2019.03.20	14:20	29.4141°	37.4790°	12	*this study*	18	82	−86	3.5	14	regional waveforms	*this study*
2019.03.20	17:04	29.4681°	37.3996°	13	*this study*	310	39	−80	4.2	4	regional waveforms	*this study*
2019.03.20	17:42	29.4551°	37.4021°	16	*this study*	323	37	−72	4.3	4	regional waveforms	*this study*
2019.03.20	18:41	29.4508°	37.4046°	15	*this study*	335	40	−69	4.0	4	regional waveforms	*this study*
2019.03.21	01:21	29.4470°	37.4431°	13	*this study*	48	24	175	3.8	2	regional waveforms	*this study*
2019.03.22	08:20	29.4152°	37.4495°	11	*this study*	321	64	−73	4.1	4	regional waveforms	*this study*
2019.03.22	15:32	29.4121°	37.4806°	13	*this study*	280	88	−116	4.2	15	regional waveforms	*this study*
2019.03.24	00:26	29.4605°	37.4256°	13	*this study*	294	37	−61	3.6	5	regional waveforms	*this study*
2019.03.24	16:17	29.4280°	37.4643°	13	*this study*	326	64	−54	4.0	5	regional waveforms	*this study*
2019.03.25	06:15	29.4390°	37.3961°	12	*this study*	324	36	−76	4.3	5	regional waveforms	*this study*

Table S3: *continued*

Date	Time	Hypocenter				Mechanism						
		Long.	Lat.	FD	Source	Strike	Dip	Rake	M_w	CD	Data used	Source
2019.03.25	11:48	29.4318°	37.4952°	11	*this study*	66	48	−115	3.8	7	regional waveforms	*this study*
2019.03.25	14:35	29.4167°	37.4930°	13	*this study*	235	65	−99	3.7	6	regional waveforms	*this study*
2019.03.27	11:27	29.4128°	37.4559°	14	*this study*	306	74	−94	4.5	4	regional waveforms	*this study*
2019.03.30	22:09	29.4241°	37.4373°	13	*this study*	335	74	−53	3.9	5	regional waveforms	*this study*
2019.03.31	11:30	29.3781°	37.4711°	13	*this study*	5	61	−95	5.1	13	global waveforms	GCMT
2019.03.31	11:45	29.3542°	37.4702°	12	*this study*	337	74	−103	4.2	3	regional waveforms	*this study*
2019.03.31	13:54	29.3497°	37.4957°	11	*this study*	237	89	−177	3.6	5	regional waveforms	*this study*
2019.04.01	01:49	29.3889°	37.4539°	13	*this study*	308	76	−103	4.5	8	regional waveforms	*this study*
2019.04.01	03:16	29.4602°	37.4532°	16	*this study*	331	51	−96	3.6	7	regional waveforms	*this study*
2019.04.04	15:01	29.3452°	37.4803°	13	*this study*	355	71	−106	4.3	9	regional waveforms	*this study*
2019.05.28	05:27	27.624°	36.942°	10	ISC	118	47	−70	4.7	14	global waveforms	GCMT
2019.07.21	01:57	29.8351°	37.3177°	17	*this study*	349	29	−106	3.6	8	regional waveforms	*this study*
2019.08.08	11:19	29.6018°	37.9007°	16	*this study*	304	38	−63	4.1	11	regional waveforms	*this study*
2019.08.08	11:25	29.6408°	37.8821°	17	*this study*	257	35	−94	5.8	11	teleseismic body waveforms	*this study*
2019.08.08	12:38	29.6732°	37.8464°	15	*this study*	237	40	−98	3.6	7	regional waveforms	*this study*
2019.08.08	14:24	29.7213°	37.8498°	15	*this study*	347	54	−125	3.7	6	regional waveforms	*this study*
2019.08.08	20:50	29.7498°	37.8483°	16	*this study*	65	33	−92	3.7	8	regional waveforms	*this study*
2019.08.14	11:29	29.6656°	37.8427°	13	*this study*	272	54	−71	3.9	5	regional waveforms	*this study*
2019.08.20	04:37	29.7228°	37.8340°	14	*this study*	267	65	−95	4.0	6	regional waveforms	*this study*
2019.08.21	12:28	29.6010°	37.8822°	16	*this study*	92	45	−102	3.6	10	regional waveforms	*this study*

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