

1 0.1 Earthquakes in the downgoing Nubian plate

2 0.1.1 Good waveform-modelled earthquakes

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1965	3	31	9	46	38.38	22.26	55	6.8	136	76	78	6
1965	4	9	23	57	35.02	24.30	51	6.1	63	76	157	4
1969	6	12	15	13	34.39	25.02	19	6.0	163	50	44	4
1972	9	13	4	13	37.96	22.33	80	6.1	133	65	164	6
1975	9	22	0	44	35.26	26.26	64	5.6	209	75	131	4
1979	08	22	20	13	35.910	27.415	68	5.3	64	31	-106	13
1982	8	17	22	22	33.77	22.93	39	6.3	230	45	109	4
1983	3	19	21	41	35.05	25.29	67	5.6	44	51	139	4
1985	9	27	16	39	34.27	26.58	38	5.8	125	77	9	4
1987	05	29	18	41	37.541	21.648	49	5.2	51	59	-175	13
1992	11	21	05	07	35.93	22.40	54	5.9	194	53	28	8
1993	3	18	15	47	38.33	22.09	56	5.7	139	63	61	8
1994	5	23	06	46	35.58	24.72	75	6.7	64	77	163	8
1996	04	26	07	01	36.34	27.96	70	5.3	343	54	174	13
2001	06	23	06	53	35.648	28.102	43	5.6	345	79	177	10
2002	01	22	04	54	35.624	26.645	93	6.1	9	36	-176	13
2002	05	21	20	53	36.621	24.342	105	5.8	352	89	4	13
2006	01	08	11	35	36.31	23.2	60	6.5	195	42	53	10
2008	01	06	05	14	36.97	22.87	68	6.0	218	45	20	10
2008	07	15	23	52	35.67	27.75	48	6.2	359	65	175	10

3 0.1.2 Other waveform-modelled earthquakes

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1977	11	28	02	59	36.00	27.80	66	5.6	88	51	32	13
1984	05	22	13	57	35.90	22.60	63	5.1	188	44	32	13
1987	06	19	18	46	36.80	28.20	65	5.2	121	41	88	13
1991	10	18	14	05	35.70	28.56	43	5.2	82	88	13	13
1996	04	12	15	39	36.59	27.04	162	5.2	235	80	-52	13
1997	07	27	10	08	35.51	21.18	16	5.3	203	86	47	12
2002	06	06	22	36	35.54	26.01	94	4.9	153	31	-22	13

4 0.1.3 CMT solutions

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1983	01	03	00	12	34.547	24.363	74	5.1	30	36	70	15
1983	09	27	23	59	36.746	26.919	155	5.4	312	46	162	15
1985	07	22	21	32	34.490	28.309	49	5.2	67	48	-34	15
1986	10	02	10	12	34.795	28.355	38	5.2	99	37	-53	15
1987	04	12	02	47	35.440	23.495	48	5.1	252	90	180	15
1988	11	20	21	01	35.379	28.715	31	5.4	24	32	-152	15
1997	12	02	19	23	35.958	19.723	18	5.2	206	49	-20	15
1998	03	09	11	21	35.982	28.410	60	5.1	10	33	-116	15
1999	06	11	07	50	37.645	21.298	49	5.2	304	82	-177	15
2000	06	15	21	30	34.484	20.051	34	5.1	42	25	91	15
2003	04	29	01	51	36.822	21.805	45	5.1	193	81	4	15

2003	09	13	13	46	36.658	26.885	147	5.2	97	40	10	15
2004	10	07	01	05	36.553	26.804	130	5.5	334	40	166	15
2004	11	04	06	22	35.894	23.216	71	5.2	187	48	58	15
2007	02	03	13	43	35.787	22.498	59	5.4	93	68	173	15

5 0.2 Aegean-Nubia convergence

6 0.2.1 Good waveform-modelled solutions

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1966	5	9	0	42	34.42	26.48	16	5.5	132	46	110	4
1972	5	4	21	39	35.17	23.54	41	6.2	112	74	98	4
1977	8	18	9	27	35.24	23.49	38	5.5	114	79	96	4
1977	9	11	23	19	34.92	23.04	19	5.9	276	47	89	4
1979	5	15	6	59	34.54	24.41	35	5.7	253	17	65	4
1979	6	15	11	34	34.90	24.14	40	5.6	150	75	70	4
1984	6	21	10	43	35.38	23.28	39	6.0	110	72	83	4
1986	05	22	19	52	34.607	26.572	27	5.3	118	86	99	13
1995	12	07	18	01	34.767	24.123	19	5.1	344	16	126	10
1995	12	10	03	28	34.842	24.156	21	5.1	344	16	126	10
1997	10	13	13	40	36.374	22.161	26	6.3	300	18	86	10
1997	11	05	12	23	34.760	23.962	19	5.1	358	26	153	10
1999	04	17	08	17	36.057	21.778	27	5.3	172	59	95	13
2000	05	24	05	41	35.998	22.023	18	5.5	111	80	63	13
2005	11	25	09	31	35.153	23.451	40	5.1	300	23	72	10
2008	02	14	10	09	36.24	21.79	29	6.7	296	8	82	10
2008	02	14	12	09	36.29	21.67	32	6.1	302	12	83	10
2008	03	28	00	16	34.38	25.31	43	5.4	247	24	61	10
2008	06	21	11	36	36.09	21.87	9	5.5	146	61	128	10

7 0.2.2 First motion solutions

yyyy	mm	dd	hh	mm	lat	long	depth	Ms	strike	dip	rake	reference
1968	05	30	17	40	35.49	27.96	21	6.0	314	25	119	2
1969	01	14	23	12	36.18	29.20	33	6.3	100	74	82	2
1969	04	16	23	21	35.34	27.77	45	5.5	104	80	85	2

8 1 Earthquake tables

9 1.1 Overriding Aegean

10 1.1.1 Good waveform-modelled earthquakes

11

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1965	4	27	14	9	35.62	23.50	13	5.4	191	65	-79	5
1973	11	29	10	57	35.14	23.81	18	5.8	224	67	10	4
1986	9	13	17	24	37.05	22.12	8	5.8	196	51	-90	5

1996	07	20	00	01	36.200	27.069	16	5.9	205	43	-75	10
1999	10	05	00	53	36.748	28.218	21	5.0	240	41	-57	13
2000	06	13	01	43	35.208	27.054	16	5.0	49	71	-46	13

12 1.1.2 Other waveform-modelled earthquakes

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1992	04	30	11	44	35.10	26.60	7	5.8	214	52	-47	12

13 1.2 Eastern end

14 1.2.1 Good waveform-modelled data

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1966	05	09	00	42	34.42	26.48	16	5.5	284	47	70	4
1986	05	22	19	52	34.607	26.572	27	5.3	297	10	90	9
2000	06	13	01	43	35.208	27.054	16	5.3	157	47	-153	9
2006	08	13	10	35	34.46	26.58	17	5.1	197	43	-1	10

15 1.2.2 Other waveform-modelled earthquakes

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1990	07	09	11	22	34.90	26.60	9	5.2	217	56	-21	12
1991	03	19	12	09	34.80	26.30	12	5.5	261	30	40	12
1992	04	30	11	44	35.10	26.60	7	5.8	214	52	-47	12

16 1.2.3 CMT data

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1988	09	05	20	03	26.599	34.516	15	5.2	15	55	-11	15
1989	08	27	01	21	26.277	34.793	45	5.6	223	19	33	15
2001	05	29	04	44	27.764	35.477	24	5.1	42	66	13	15
2002	10	12	05	59	26.359	34.862	36	5.4	250	29	2	15
2005	08	04	10	45	26.497	34.902	10	5.0	90	80	7	15
2006	08	22	09	23	27.087	35.155	31	5.1	267	88	100	15
2007	05	21	16	39	27.805	35.111	10	5.0	243	69	-56	15
2007	09	23	00	54	27.092	35.242	24	5.3	234	41	-23	15

17 1.2.4 First motion data

yyyy	mm	dd	hh	mm	lat	long	depth	Ms	strike	dip	rake	reference
1957	04	24	19	10	36.40	28.60	1	6.8	83	63	28	2
1957	04	25	02	25	36.50	28.60	1	7.2	58	85	19	2
1968	05	30	17	40	35.49	27.96	21	6.0	314	25	119	2
1969	04	16	23	21	35.34	27.77	45	5.5	310	11	116	2
1971	01	03	23	18	34.90	26.30	2	5.4	335	20	101	1

18 **1.3 Strike-slip earthquakes in KTZ**19 **1.3.1 Good waveform-modelled data**

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1972	9	17	14	7	38.25	20.21	8	6.2	39	61	-173	3
1983	1	17	12	41	38.01	20.23	11	6.8	48	56	167	3
1983	3	23	23	51	38.22	20.28	7	6.2	30	70	176	3
1988	05	18	05	17	38.351	20.545	22	5.4	45	70	163	11
1989	08	20	18	33	37.338	21.314	16	5.7	193	74	-174	12
1992	01	23	04	24	38.372	20.525	9	5.4	18	36	145	10
1993	03	26	11	58	37.49	21.48	10	5.6	122	60	5	10
1993	07	14	12	32	38.212	21.826	20	5.4	228	82	-178	10
1997	11	18	13	07	37.57	20.66	35	6.2	112	84	43	8
2002	12	02	04	59	37.83	21.12	17	5.5	50	68	-166	14
2003	08	14	05	15	38.946	20.624	13	6.2	16	72	178	9
2007	03	25	13	58	38.36	20.24	11	5.7	31	88	-158	10
2008	02	20	18	27	36.24	21.73	12	6.0	254	88	-1	10
2008	06	08	12	26	37.97	21.60	20	6.2	295	85	6	10

20 **1.3.2 Other waveform-modelled data**

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1981	06	24	18	41	37.87	20.10	20	5.2	27	60	171	13
1983	01	19	00	02	38.15	20.22	9.1	5.8	41	49	171	11
1983	01	31	15	27	38.18	20.39	12	5.6	41	82	-177	11
1983	03	24	04	17	38.10	20.29	18	5.5	62	70	172	11
1983	05	14	23	13	38.44	20.33	13	5.6	36	86	167	11
1985	05	23	16	02	36.52	22.15	18	5.1	76	73	-33	13
1985	09	07	10	21	37.50	21.20	29	5.3	24	57	168	12
1987	02	27	23	34	38.42	20.36	13	5.8	26	61	168	11
1987	06	10	14	50	37.17	21.39	27	5.4	25	67	176	12
1994	02	25	02	30	38.76	20.54	9	5.5	22	58	168	11
1993	03	26	11	58	37.49	21.48	10	5.6	122	60	5	10

21 **1.3.3 CMT solutions**

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1981	06	28	17	20	37.831	20.193	22	5.4	201	51	-160	15
1988	10	16	12	34	37.877	20.986	16	5.8	301	76	-3	15
1989	06	07	19	46	37.991	21.682	24	5.2	154	64	-26	15
1994	11	29	14	30	38.742	20.584	22	5.1	185	90	-180	15
2002	07	28	17	16	37.940	20.760	16	5.3	7	42	-178	15
2002	12	09	09	35	37.839	20.044	21	5.2	255	28	-20	15
2003	11	16	07	23	38.252	20.357	10	5.1	266	24	3	15
2006	06	21	15	55	38.996	20.608	10	5.0	11	67	-179	15
2007	10	27	05	29	37.703	21.409	10	5.1	297	70	-10	15

22 **1.3.4 First motion solutions**

yyyy	mm	dd	hh	mm	lat	long	depth	Ms	strike	dip	rake	reference
1965	04	05	03	12	37.70	21.80	34	6.1	226	58	-161	2

23 1.4 Thrust earthquakes in KTZ

24 1.4.1 Good waveform-modelled solutions

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1959	11	15	17	08	37.78	20.55	13	6.7	134	7	-90	3
1963	12	16	13	47	37.10	20.90	6	5.5	291	7	74	3
1969	7	8	8	9	37.55	20.32	10	5.8	346	13	108	3
1976	5	11	16	59	37.38	20.32	13	6.4	323	13	90	3
1993	03	05	06	55	37.173	21.574	20	5.1	128	59	57	13
1994	4	16	23	09	37.44	20.58	15	5.5	268	12	49	8
1997	10	13	13	40	36.374	22.161	26	6.3	300	18	86	10
1999	04	17	08	17	36.057	21.778	27	5.3	172	59	95	13
2000	05	24	05	41	35.998	22.023	18	5.5	111	80	63	13
2005	01	31	01	05	37.505	20.193	16	6.5	34	14	145	10
2008	02	14	10	09	36.24	21.79	29	6.7	296	8	82	10
2008	02	14	12	09	36.29	21.67	32	6.1	302	12	83	10
2008	06	21	11	36	36.09	21.87	9	5.5	146	61	128	10
1973	11	4	15	52	38.86	20.50	23	5.8	324	50	81	3
1966	10	29	2	39	38.86	21.05	15	5.5	324	40	48	3
2003	08	14	12	18	38.753	20.597	7	5.0	22	26	82	10
2003	08	14	16	18	38.758	20.610	10	5.2	337	19	64	10
2005	10	18	15	26	37.622	20.940	17	5.5	15	24	114	10
2006	04	11	17	29	37.60	20.83	14	5.3	30	21	122	10
2006	04	12	16	52	37.63	20.74	19	5.5	15	23	115	10

25 1.4.2 Other waveform solutions

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1983	07	14	02	54	35.67	21.81	17	5.3	318	48	124	12
1985	04	21	08	50	35.70	22.20	25	5.2	149	50	78	13
1998	04	29	03	31	35.96	21.88	13	5.3	176	81	117	12
1994	01	11	07	23	35.83	21.83	14	5.3	331	60	126	12
1989	08	24	02	13	37.94	20.14	16	5.3	36	46	142	11
1996	02	01	17	57	37.76	19.86	19	5.6	173	55	71	11
1998	05	01	04	00	37.62	20.75	13	5.1	19	53	131	12
1998	10	06	12	28	37.13	20.98	9	5.2	308	61	54	12

26 1.4.3 CMT solutions

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1986	06	08	04	55	36.025	21.570	22	5.1	109	34	86	15
2006	05	25	23	14	36.878	20.452	35	5.2	346	23	129	15
2008	02	26	10	47	36.10	21.86	12	5.4	286	34	74	15
2008	02	26	16	11	36.07	21.80	18	5.0	321	35	114	15
2008	03	23	20	11	36.21	21.73	12	5.0	279	31	69	15
2006	04	03	00	50	37.570	21.008	20	5.0	18	39	126	15

2006	04	04	22	05	37.625	21.022	17	5.5	357	26	109	15
2006	04	19	15	16	37.659	20.921	19	5.4	345	33	126	15

27 1.4.4 First motion solutions

yyyy	mm	dd	hh	mm	lat	long	depth	Ms	strike	dip	rake	reference
1953	08	12	09	23	38.30	20.80	10	6.9	163	34	101	7
1973	01	05	05	49	35.80	21.90	40	5.6	136	60	94	2
1976	06	12	00	59	37.50	20.60	8	5.8	115	70	90	7
1968	03	28	07	39	37.80	20.90	6	5.9	120	71	65	7

28 1.5 Unclassified

yyyy	mm	dd	hh	mm	lat	long	depth	Mw	strike	dip	rake	reference
1982	06	22	03	04	37.163	21.364	30	5.5	16	57	-62	13
2000	02	22	11	55	34.579	25.541	29	5.1	12	73	178	10
2004	03	17	05	21	34.584	23.412	4	5.9	75	63	164	10
2000	02	22	11	55	34.579	25.541	29	5.1	12	73	178	10

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