

Supplemental information: Earthquake locations and origin times for events used in the traveltimes study. Given are event data and origin time, earthquake latitude (Lat) and longitude (Lon) in degrees and source depth in km. Additionally, the last column gives epicentral distance to YKA.

Date	Time	Lat [deg]	Lon [deg]	Depth [km]	Distance [deg]
01-APR-1991	05:25	-4.860	152.126	89.520	95.634
01-MAR-1993	01:39	-3.719	138.531	90.330	100.885
01-SEP-1994	15:38	-10.918	166.298	151.150	94.459
02-JUL-1991	06:08	-23.240	-179.028	418.970	99.254
02-MAR-1996	01:50	-5.970	146.570	59.000	99.186
02-MAY-1990	22:50	-5.666	150.199	92.290	97.237
02-MAY-1996	13:34	-4.550	154.830	500.000	94.106
03-APR-1990	07:33	-5.880	147.725	97.030	98.595
03-DEC-1991	10:33	-26.518	178.751	571.670	103.068
03-JUL-1995	21:56	-29.120	-177.630	54.000	104.025
03-MAR-1992	01:18	-14.365	167.251	156.660	97.081
04-APR-1992	01:11	-17.974	-178.297	584.020	94.211
04-AUG-1992	06:58	-21.699	-177.102	250.000	97.116
04-AUG-1992	21:08	-12.090	166.596	96.090	95.362
04-AUG-1992	21:08	-12.090	166.596	96.090	95.362
04-JAN-1993	01:26	3.270	128.090	72.000	99.208
04-MAR-1996	15:59	2.800	125.170	151.000	100.842
04-MAY-1994	06:37	-17.043	168.357	213.560	98.962
04-NOV-1991	06:24	-6.071	148.258	55.840	98.493
05-DEC-1995	14:54	1.590	127.330	99.000	101.041
05-FEB-1996	21:20	-6.220	154.850	55.000	95.587
05-MAY-1995	22:48	-18.593	168.824	121.620	100.129
06-JUL-1990	11:42	-3.576	151.067	428.600	94.997
06-JUL-1994	09:13	5.995	126.001	156.200	97.607
06-OCT-1992	10:28	-5.470	151.304	54.460	96.552
07-APR-1992	03:37	-4.192	130.960	51.690	104.676
07-AUG-1993	17:53	-23.900	179.954	520.000	100.246
07-DEC-1989	13:38	-6.450	146.412	117.690	99.681
07-DEC-1990	08:25	-16.980	-177.199	416.240	92.877
08-APR-1996	16:49	-6.250	154.860	58.000	95.586
09-AUG-1992	19:49	4.036	126.465	71.150	99.191
09-FEB-1996	17:33	-6.000	146.630	69.000	99.185
09-JUN-1991	07:45	-20.241	-176.100	274.220	95.408
09-MAR-1994	23:28	-17.992	-178.374	563.340	94.257
10-DEC-1995	23:46	-21.510	-178.080	413.000	97.323
10-JUN-1996	01:04	-13.480	167.130	200.000	96.353
10-MAY-1991	13:33	-16.257	-174.037	133.100	90.992
10-NOV-1993	00:03	-4.664	152.004	105.040	95.518
11-AUG-1994	02:45	-3.701	153.483	220.000	93.985
11-DEC-1989	16:00	-18.683	169.074	205.470	100.100
11-FEB-1994	21:17	-18.773	169.259	213.070	100.099
11-JAN-1996	03:51	-8.420	158.690	93.000	95.722
11-JUL-1992	10:44	-22.498	-178.294	388.910	98.299
11-MAY-1993	18:26	7.248	126.610	70.230	96.224
11-OCT-1992	19:24	-19.243	169.000	135.000	100.627

12-AUG-1990	21:25	-19.424	169.165	140.000	100.716
12-JUL-1992	23:40	3.107	121.975	617.540	101.851
12-JUN-1992	11:06	2.590	125.814	75.000	100.768
12-JUN-1993	07:01	-5.620	148.190	161.580	98.128
12-MAR-1995	12:09	-5.325	146.804	230.120	98.511
12-NOV-1992	22:28	-22.390	-178.008	365.570	98.091
13-APR-1995	02:34	-13.438	170.496	639.990	94.832
13-JAN-1992	11:58	1.389	127.402	125.030	101.192
13-JUN-1990	16:41	6.405	126.404	78.330	97.071
13-JUN-1994	21:53	3.917	128.134	61.860	98.606
14-AUG-1991	17:43	3.130	127.943	132.430	99.396
14-AUG-1995	04:37	-4.840	151.520	128.000	95.898
14-MAR-1990	03:44	4.575	122.576	617.270	100.275
15-APR-1996	14:55	-6.190	154.830	56.000	95.548
15-AUG-1991	13:35	-16.058	168.057	179.610	98.223
15-JAN-1991	13:43	-5.950	154.475	67.960	95.501
15-JAN-1995	23:59	-5.276	152.189	66.300	95.970
15-JUN-1991	23:02	10.138	125.935	56.830	93.876
15-JUN-1992	20:39	-0.053	123.034	139.610	104.300
15-JUN-1993	13:06	-5.024	145.480	236.210	98.858
15-MAR-1990	04:56	-15.130	167.364	123.150	97.708
15-SEP-1992	21:04	-14.083	167.279	193.480	96.820
16-APR-1990	22:37	-14.824	167.317	126.890	97.480
16-APR-1992	23:54	-5.710	149.058	152.280	97.805
16-APR-1993	14:08	-17.760	-178.797	564.180	94.216
16-APR-1996	00:30	-24.060	-177.040	111.000	99.230
16-AUG-1992	10:23	-5.331	146.763	215.000	98.535
16-AUG-1995	11:21	-14.800	167.150	135.000	97.511
16-JUN-1995	13:49	-18.270	-178.010	566.000	94.365
16-MAR-1995	04:34	-21.577	-176.381	183.010	96.729
16-MAY-1990	05:24	-5.677	150.305	88.960	97.197
17-FEB-1996	13:25	-6.190	154.760	57.000	95.580
17-JAN-1995	16:54	-20.830	-179.240	634.000	97.163
17-JUL-1993	17:17	2.021	126.675	61.330	100.925
17-MAR-1996	14:48	-14.710	167.300	164.000	97.365
17-MAY-1990	15:59	-25.523	178.233	602.540	102.380
17-MAY-1991	02:31	-4.373	142.732	59.270	99.549
18-APR-1991	09:41	-22.923	-179.263	476.070	99.060
18-DEC-1994	20:38	-17.855	-178.609	545.470	94.227
18-FEB-1990	12:21	-5.550	149.447	150.270	97.484
18-JAN-1990	19:59	-5.324	150.669	152.540	96.718
19-DEC-1992	21:57	0.046	123.649	151.500	103.960
19-DEC-1995	23:28	-3.700	140.230	63.000	100.098
19-FEB-1995	00:17	5.240	126.405	89.320	98.126
19-JAN-1991	22:56	-5.591	148.362	167.460	98.023
20-APR-1995	08:45	6.332	126.796	98.550	96.977
20-DEC-1989	00:08	8.209	126.883	30.060	95.242
20-JAN-1995	15:49	1.146	126.047	60.460	101.977
21-APR-1991	11:17	-4.371	143.814	111.760	99.050
21-AUG-1993	09:42	-21.284	-177.934	426.970	97.062
21-MAR-1993	05:04	-18.035	-178.456	589.860	94.329
21-NOV-1991	12:38	5.859	126.812	74.510	97.399
22-AUG-1994	17:26	-11.541	166.540	142.560	94.901
22-JUL-1990	09:26	-23.654	-179.849	543.730	99.948

23-APR-1995	06:38	5.971	123.801	535.000	98.516
23-JUL-1991	11:22	5.824	125.948	157.050	97.784
23-JUN-1990	21:38	-21.565	-176.414	186.050	96.730
23-OCT-1995	03:58	-14.280	167.290	199.000	96.989
24-APR-1993	09:54	-17.799	179.914	596.020	94.767
24-DEC-1992	00:34	-15.306	-173.050	19.760	89.747
24-DEC-1993	05:18	-21.792	-178.514	443.730	97.747
24-JUL-1993	02:01	5.064	127.737	120.000	97.736
24-JUL-1993	20:24	-13.029	167.108	199.870	95.964
24-JUN-1995	06:58	-3.960	153.930	386.000	94.005
24-MAR-1992	22:47	3.669	127.097	47.390	99.262
24-NOV-1992	23:43	-0.077	122.845	186.200	104.399
25-MAR-1995	22:44	-10.992	166.192	84.050	94.572
25-OCT-1990	11:01	8.353	126.513	53.930	95.262
26-APR-1990	15:39	-6.250	154.700	96.000	95.661
26-APR-1991	17:36	7.530	126.580	74.000	95.980
26-AUG-1993	03:32	-5.480	154.190	137.000	95.221
26-JUL-1995	23:42	2.530	127.680	65.000	100.047
26-JUN-1991	23:07	-0.080	123.560	114.000	104.110
27-JUL-1990	12:38	-15.320	167.400	133.000	97.860
28-APR-1992	01:55	5.600	124.050	477.000	98.754
28-FEB-1996	09:44	1.760	126.050	116.000	101.421
28-JUL-1995	14:29	-21.180	-175.390	6.400	95.991
29-JUN-1990	03:53	-21.310	-179.410	618.000	97.663
29-OCT-1995	19:24	0.860	125.890	69.000	102.300
30-DEC-1989	04:42	-16.124	168.020	179.810	98.297
30-DEC-1990	19:14	-5.078	151.033	178.200	96.333
30-MAY-1993	16:32	-5.464	150.575	110.590	96.885
30-MAY-1993	17:08	1.499	127.208	85.350	101.174
30-OCT-1991	04:02	-5.689	153.904	59.990	95.537
30-SEP-1991	00:21	-20.845	-178.537	579.690	96.900
31-MAR-1994	22:40	-22.071	-179.433	588.850	98.358