Appendices

A.1 Station parameters of the BOHEMA experiment

Parameters of BOHEMA stations used for receiver function analysis (station abbreviation, latitude, longitude and altitude) and specification of instruments (Eigenperiod T0, Seismometer type, operating institution, data period used for receiver function analysis). IG Prague - Geophysical Institute, CAS, Prague; EOST – Institute de Physique du Globe, Université Strasbourg; LITHOSCOPE – Université J. Fourier, Grenoble; IRSM – Institute of Rock Structure and Mechanics, CAS, Prague; GIPP – Geophysical Instrument Pool Potsdam, GFZ Potsdam; Leipzig – Institut für Geophysik und Geologie, Universität Leipzig; Jena – Institut für Geowissenschaften, Universität Jena; SZGRF – Seismological Central Observatory, Erlangen; GRSN – German Regional Seismic Network.

Station	Lat [°N]	Lon [°E]	Alt [m]	T_0 [s]	Seismometer	Institution	Data period
PRU	49.9883	14.5417	302	120	STS-2	IG_Prague	01/2001-09/2004
KHC	49.1309	13.5782	700	120	STS-2	IG_Prague	01/2001-09/2004
LAC2	50.0508	12.6250	838	120	STS-2	IG_Prague	05/2002-06/2003
NKC	50.2331	12.4479	564	120	STS-2	IG_Prague	01/2001-09/2004
PVCC	50.5282	14.5690	311	120	STS-2	IG Prague	09/2003-09/2004
B02	49.6992	13.996	466	100	CMG-3T	IG_Prague	07/2001-02/2003
B09	50.0422	13.2930	534	30	CMG-3ESP	IG_Prague	09/2001-08/2003
B10	50.6072	13.4315	660	100	CMG-3T	IG_Prague	04/2002-02/2003
BM11	50.0382	13.8717	310	120	STS-2	IG_Prague	10/2001-05/2002
B11	50.0382	13.8717	310	120	STS-2	EOST	06/2002-12/2002
BM12	49.4673	13.8379	530	120	STS-2	IG_Prague	10/2001-05/2002
B12	49.4673	13.8379	530	60	CMG-40T	LITHOSCOPE	08/2002-01/2003
BM13	49.5285	12.9410	380	120	STS-2	IG_Prague	10/2001-05/2002
B13	49.5285	12.9410	380	120	STS-2	EOST	06/2002-12/2002
BM14	49.6811	13.4646	566	120	STS-2	IG_Prague	10/2001-05/2002
B14	49.6811	13.4646	566	60	CMG-40T	LITHOSCOPE	08/2002-01/2003
BM15	49.8718	13.5108	370	120	STS-2	IG_Prague	10/2001-05/2002
B15	49.8718	13.5108	370	60	CMG-40T	LITHOSCOPE	08/2002-12/2002
B16	50.3471	13.0187	440	20	LE3D-20	EOST	10/2001-09/2002
B17	49.7965	12.5460	713	20	LE3D-20	EOST	11/2001-09/2002
B18	50.2523	13.3695	364	30	CMG-3ES	IG_Prague	02/2002-02/2003
B19	49.2743	13.1726	570	5	S5S	IG_Prague	05/2002-04/2003
B20	49.7126	12.9962	468	30	CMG-3ES	IG_Prague	03/2002-08/2003
B21	50.4903	13.1356	718	30	CMG-40T	IRSM	08/2002-12/2002
B22	50.3326	12.6899	765	30	CMG-40T	IRSM	08/2002-12/2002
B23	50.1497	12.5365	534	30	CMG-40T	IRSM	08/2002-06/2003
B24	50.0264	12.3988	521	60	CMG-40T	LITHOSCOPE	08/2002-12/2002
B25	50.1325	12.283	502	60	CMG-40T	LITHOSCOPE	08/2002-01/2003
B26	50.1052	12.7027	726	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B27	50.3529	13.2317	400	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B29	49.6845	12.7000	590	1	LE3D-1s	EOST	03/2002-12/2002
B30	49.959	13.160	570	1	LE3D-1s	EOST	03/2002-12/2002
B31	49.478	13.285	380	1	LE3D-1s	EOST	03/2002-12/2002
B32	49.4393	14.1926	330	1	LE3D-1s	EOST	03/2002-12/2002
B33	49.168	13.886	510	1	LE3D-1s	EOST	03/2002-12/2002
B34	49.8776	12.7188	590	1	LE3D-1s	EOST	03/2002-12/2002
B35	49.8574	13.0340	533	1	LE3D-1s	EOST	03/2002-12/2002
B36	50.1729	13.1408	735	1	LE3D-1s	EOST	03/2002-12/2002
B37	50.0179	13.0945	666	5	LE3D-5s	LITHOSCOPE	08/2002-12/2002

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Station	Lat [°N]	Lon [°E]	Alt [m]	T_0 [s]	Seismometer	Institution	Data period
B38	50.4003	12.7817	1049	60	CMG-40T	LITHOSCOPE	08/2002-12/2002
B39	50.2144	12.9050	661	1	LE3D-1s	EOST	03/2002-12/2002
B40	50.2513	13.7709	454	1	LE3D-1s	EOST	03/2002-12/2002
B41	50.3097	12.8324	508	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B42	50.2917	12.9632	513	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B43	50.1990	12.6190	438	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B44	49.9660	12.7365	720	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B45	49.8266	13.2757	404	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B46	49.7481	13.6850	497	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B47	49.6457	13.2859	363	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B48	49.4909	13.5845	526	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B49	50.2696	14.1591	209	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B50	49.4788	12.7377	652	60	CMG-40T	LITHOSCOPE	08/2002-01/2003
B51	50.0258	13.5951	482	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B52	49.8909	13.8877	473	5	LE3D-5s	LITHOSCOPE	08/2002-01/2003
B53	50.5557	13.9331	835	60	CMG-40T	LITHOSCOPE	08/2002-01/2003
WERN	50.2874	12.3761	672	5	LE3D-5s	Leipzig	03/2002-01/2004
GUNZ	50.3635	12.3316	669	5	LE3D-5s	Leipzig	02/2002-01/2004
TANN	50.416	12.460	825	120	STS-2	Leipzig	02/2002-01/2004
WERD	50.448	12.307	589	5	LE3D-5s	Leipzig	06/2002-01/2004
ROHR	50.2346	12.3168	626	30	CMG-3ESP	Leipzig	04/2002-01/2004
OTR	50.3543	12.1406	510	1	Mark L4-3D	GIPP	04/2002-12/2003
NEUB	51.1942	11.7719	.	120	CMG-3ESPD	GIPP	04/2002-01/2004
BG01	50.7086	12.8369	493	120	CMG-3ESPD	GIPP	02/2002-02/2004
BG02	50.4541	12.7523	894	120	CMG-3ESPD	GIPP	02/2002-02/2004
BG03	50.6604	10.9144	533	120/100	CMG-3ESPD/-3T	GIPP	02/2002-01/2004
BG04	50.9227	13.1248	.	120	CMG-3ESPD	GIPP	03/2002-02/2004
BG05	50.4533	11.6997	447	1	Mark L4-3D	GIPP	04/2002-10/2003
BG06	50.4268	11.0356	550	1	Mark L4-3D	GIPP	04/2002-12/2003
BG07	50.6464	12.1765	378	1	Mark L4-3D	GIPP	04/2002-02/2004
BG08	49.9380	12.3730	642	1	Mark L4-3D	GIPP	05/2002-12/2003
BG09	50.5814	11.8955	461	1	Mark L4-3D	GIPP	06/2002-12/2003
BG10	50.4589	11.9730	609	1	Mark L4-3D	GIPP	06/2002-12/2003
BG11	51.103	12.962	320	30	CMG-3ESP	Leipzig	02/2002-09/2002
BG12	49.6573	12.2322	610	120	CMG-3ESPD	GIPP	04/2002-02/2004
BG13	50.0346	12.2788	615	120	CMG-3ESPD	GIPP	03/2002-05/2003
BG14	50.6534	13.0504	590	1	Mark L4-3D	GIPP	04/2002-11/2003
BG15	50.1141	11.3824	.	1	Mark L4-3D	GIPP	05/2002-07/2003
BG16	49.8469	11.7406	550	1	Mark L4-3D	GIPP	05/2002-12/2003
BG17	49.3096	12.1982	480	1	Mark L4-3D	GIPP	05/2002-12/2003
BG18	50.1938	11.7432	620	1	Mark L4-3D	GIPP	06/2002-09/2003
BG19	50.3409	11.6927	590	1	Mark L4-3D	GIPP	06/2002-12/2003
BG20	50.8852	12.6796	.	5	Mark L4-3D	GIPP	07/2002-01/2004
BG21	50.0576	12.5474	465	1	Mark L4-3D	GIPP	04/2002-12/2003
BG22	49.9416	12.6133	700	1	Mark L4-3D	GIPP	04/2002-12/2003
BG23	49.9666	12.8779	700	120	CMG-3ESPD	GIPP	04/2002-12/2003
BG24	50.0271	12.7615	750	1	Mark L4-3D	GIPP	04/2002-12/2003
BG25	50.2830	12.6070	670	120	CMG-3ESPD	GIPP	04/2002-12/2003
BG26	50.1337	12.4583	430	1	Mark L4-3D	GIPP	04/2002-12/2003
BG28	49.5947	11.9037	510	5	LE3D-5s	Leipzig	11/2002-08/2003
BG29	50.1177	12.0189	540	120	CMG-3ESPD	GIPP	09/2002-02/2004
BG30	50.8035	13.5353	650	1/120	Mark L4-3D/ CMG-3ESPD	GIPP	07/2003-02/2004
PLN	50.4860	12.1590	414	30	CMG-3ESP	Jena	09/2002-05/2003
PST	50.8640	12.2550	270	30	CMG-40T	Jena	07/2002-05/2003
ZEU	50.6719	11.9780	331	30	CMG-3ESP	Jena	07/2002-05/2003
REU	50.8310	12.1960	454	10	CMG-40T	Jena	07/2002-05/2003
BDE	50.2885	12.2198	420	1	Mark L4-3D	Jena	08/2002-05/2003

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Station	Lat [°N]	Lon [°E]	Alt [m]	T_0 [s]	Seismometer	Institution	Data period
KLIN	50.3584	12.4616	640	1	Mark L4-3D	SZGRF	01/2000-05/2002
BOH1	50.1866	12.7538	500	1	Mark L4-3D	SZGRF	08/2000-10/2002
SBG	50.182	12.305	580	10	TSJ	SZGRF	05/2000-09/2002
FALK	49.8597	12.2236	460	1	Mark L4-3D	SZGRF	02/2002-10/2002
NALB	49.9812	12.4606	660	10	CMG-3ESPD	GIPP	05/2003-02/2004
REGN	50.3060	12.0606	520	30	CMG-3ESP	GIPP	01/2002-10/2003
GRA1	49.691	11.220	.	20	STS-1	SZGRF	01/1999-06/2004
GRB1	49.392	11.654	.	20	STS-1	SZGRF	01/1999-06/2004
GRC1	48.996	11.522	.	20	STS-1	SZGRF	01/1999-06/2004
WET	49.1440	12.8782	.	120	STS-2	GRSN	01/1999-06/2004
MOX	50.6447	11.6156	.	120	STS-2	GRSN	01/1999-06/2004
CLL	51.3077	13.0026	.	120	STS-2	GRSN	01/1999-06/2004
BRG	50.8732	13.9428	.	120	STS-2	GRSN	01/1999-06/2004
GEC2	48.8451	13.7016	.	120	STS-2	GRSN	01/1999-06/2004

A.2 Station parameters of the experiment by Geissler et al. (2005)

Parameters of stations by *Geissler et al.* (2005) used for receiver function analysis and specification of instruments (for explanation see appendix A.1).

Station	Lat [°N]	Lon [°E]	Alt [m]	Seismometer	Institution	Data period
CLL	51.308	13.003	230	STS-2	GRSN	1993 - 1997
BRG	50.873	13.943	296	STS-2	GRSN	1993 - 1997
MOX	50.645	11.616	455	STS-2	GRSN	1992 - 1997
WET	49.144	12.878	613	STS-2	GRSN	1991 - 1997
GRA1	49.692	11.222	500	STS-1	SZGRF	1980 - 1997
GRB1	49.391	11.652	494	STS-1	SZGRF	1980 - 1997
GRC1	48.996	11.521	512	STS-1	SZGRF	1980 - 1997
NKC	50.233	12.448	564	STS-2	IG CAS	2000 - 2003
PRU	49.988	14.542	302	CMG-3T	IG CAS	2000 - 2003
KHC	49.131	13.578	700	STS-2	IG CAS	2000 - 2003
BOH1*	50.187	12.754	420	40T/MARK/TSJ	GFZ/SZGRF	1997- 2001
BOH2*	49.967	12.874	660	GURALP-40T	GFZ/SZGRF	1997 - 1998
BOH3	49.920	12.760	610	MARK-L-4-3D	GFZ/SZGRF	1997 - 1998
BOH4	49.872	12.651	540	MARK-L-4-3D	GFZ/SZGRF	1997 - 1998
BOH5*	49.520	12.910	380?	GURALP-40T	GFZ/SZGRF	1997 - 1998
NOTT	49.811	12.122	490	STS-2	KTB/Munich	1995
FALK	49.861	12.225	465	STS-2	KTB/Munich	1995
ROTZ	49.768	12.208	430	STS-2	KTB/Munich	1995
A01	50.863	12.255	270	GURALP-3T	GFZ/SZGRF	1995 - 1996
A02	50.487	12.159	414	GURALP-3T	GFZ/SZGRF	1995 - 1996
A03	50.294	12.364	610	GURALP-3T	GFZ/SZGRF	1995 - 1996
A04	50.424	12.568	900	STS-2	GFZ/SZGRF	1995 - 1996
A05	50.187	12.104	670	3T/MARK	GFZ/SZGRF	1995 - 1996
A06	49.970	12.119	635	GURALP-3T	GFZ/SZGRF	1995 - 1996
A07	50.952	11.967	260	GURALP-3T	GFZ/SZGRF	1995 - 1996
A08	49.465	12.229	470	GURALP-3T	GFZ/SZGRF	1995 - 1996
A09	49.692	11.222	500	STS-2	GFZ/SZGRF	1995 - 1996
A10	49.599	12.258	570	GURALP-3T	GFZ/SZGRF	1995 - 1996
A11	49.656	12.233	630	STS-2	GFZ/SZGRF	1995 - 1996
A12	50.422	11.538	680	STS-2	GFZ/SZGRF	1995 - 1996
A13	49.311	12.200	460	STS-2	GFZ/SZGRF	1995 - 1996
A14	49.150	12.211	520	STS-2	GFZ/SZGRF	1995 - 1996
A15	49.213	12.205	370	STS-2	GFZ/SZGRF	1995 - 1996
A16	49.033	12.224	400	STS-2	GFZ/SZGRF	1995 - 1996
A17	48.944	12.303	330	STS-2	GFZ/SZGRF	1995 - 1996
A18	49.402	12.122	380	STS-2	GFZ/SZGRF	1995 - 1996
A19*	49.414	12.459	580	GURALP-40T	GFZ/SZGRF	1995 - 1996
A20	49.330	12.328	500	STS-2	GFZ/SZGRF	1995 - 1996
A21	50.312	12.056	530	GURALP-3T	GFZ/SZGRF	1995 - 1996
A24	49.286	12.449	530	GURALP-3T	GFZ/SZGRF	1995 - 1996
A25*	49.447	12.389	555	GURALP-40T	GFZ/SZGRF	1995 - 1996
WER	50.287	12.376	670	MARK-L-4-3D	GFZ/SZGRF	1999 - 2000
GUN	50.364	12.332	660	MARK/TSJ-10	GFZ/SZGRF	1999 - 2000
KLIN	50.358	12.462	640	MARK-L-4-3D	GFZ/SZGRF	1999 - 2001
SELB	50.154	12.179	580	MARK/TSJ-10	GFZ/SZGRF	1999 - 2001
NALB	49.981	12.461	640	MARK/STS2/ TSJ	GFZ/SZGRF	2000 - 2001
BAC	50.086	12.840	530	TSJ-10	GFZ/SZGRF	2000 - 2001
SBG	50.182	12.305	595	TSJ-10	GFZ/SZGRF	1998 - 2001
BRAU	50.082	12.087	600	MARK-L-4-3D	GFZ/SZGRF	1998 - 1999

* GURALP-40T seismometers were provided by the Dublin Institute for Advanced Studies (DIAS).

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B.1 Teleseismic events used for P receiver function analysis, recorded at BOHEMA stations

The following events were used for *P* receiver function analysis. The events written in red correspond to the operative period of the BOHEMA experiment and correspond to the red dots in Figure 3.3. The other events were recorded by permanent stations before and after the BOHEMA experiment.

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
12	JAN	1999	02:32:25.059	26.74	140.17	440	6
24	JAN	1999	00:37:04.063	30.62	131.09	33	6.4
25	JAN	1999	18:19:16.087	4.46	-75.72	17	6.4
28	JAN	1999	08:10:05.042	52.89	-169.12	67	6.6
25	FEB	1999	18:58:29.04	51.6	104.86	10	6
4	MAR	1999	05:38:26.052	28.34	57.19	33	6.6
8	MAR	1999	12:25:48.099	52.06	159.52	56	7
18	MAR	1999	17:55:43.024	41.1	142.97	41	6
20	MAR	1999	10:47:45.093	51.59	-177.67	33	7
21	MAR	1999	16:16:02.02	55.9	110.21	10	6
28	MAR	1999	19:05:11.003	30.51	79.4	15	6.6
31	MAR	1999	05:54:42.013	5.83	-82.62	10	7
8	APR	1999	13:10:34.008	43.61	130.35	565	7.1
5	MAY	1999	22:41:30.017	14.36	-94.67	33	6.3
6	MAY	1999	23:00:53.012	29.5	51.88	33	6.3
7	MAY	1999	14:13:52.036	56.42	-152.94	20	6.2
8	MAY	1999	19:44:35.095	45.45	151.63	62	6.2
12	MAY	1999	17:59:22.04	43.03	143.84	102	6.5
15	JUN	1999	20:42:05.093	18.39	-97.44	70	7
21	JUN	1999	17:43:04.052	18.32	-101.54	68	6.3
2	JUL	1999	11:45:31.029	49.37	-129.2	10	6.4
3	JUL	1999	05:30:10.009	26.32	140.48	430	6.1
7	JUL	1999	18:52:57.002	49.23	155.56	33	6.1
11	JUL	1999	14:14:16.053	15.78	-88.33	10	7
14	AUG	1999	00:16:52.029	-5.89	104.71	101	6.4
20	AUG	1999	10:02:21.01	9.04	-84.16	20	6.9
28	AUG	1999	12:40:06.019	-1.29	-77.55	196	6.3
29	AUG	1999	00:46:13.046	3.1	65.86	10	6
20	SEP	1999	17:47:18.049	23.77	120.98	33	7.7
20	SEP	1999	21:46:42.087	23.39	120.96	33	6.5
22	SEP	1999	00:14:39.015	23.73	121.17	26	6.4
25	SEP	1999	23:52:48.066	23.74	121.16	17	6.5
28	SEP	1999	05:00:42.096	54.59	168.26	33	6.2
30	SEP	1999	16:31:15.069	16.06	-96.93	60	7.5
13	OCT	1999	01:33:40.013	54.66	-161.19	30	6.4
16	OCT	1999	09:46:44.013	34.59	-116.27	0	7.4
24	OCT	1999	04:21:41.011	44.61	149.44	33	6.4
1	NOV	1999	17:53:00.012	23.38	121.52	33	6.3
8	NOV	1999	16:45:43.002	36.52	71.24	228	6.5
11	NOV	1999	02:41:05.007	49.31	155.63	33	6.4
11	NOV	1999	18:05:43.053	1.28	100.32	211	6.2
15	NOV	1999	05:42:43.022	-1.34	88.98	10	7.7
26	NOV	1999	00:29:00.027	55.13	165.36	33	6
6	DEC	1999	23:12:33.092	57.41	-154.49	66	7
11	DEC	1999	18:03:36.045	15.77	119.74	33	7.3
29	DEC	1999	05:19:46.091	18.24	-101.43	69	6.1

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Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
19	JAN	2000	07:09:33.058	36.37	70.38	206	6
20	JAN	2000	06:13:02.066	56.62	-161.87	220	6
28	JAN	2000	14:21:07.034	43.05	146.84	61	6.8
28	JAN	2000	16:39:24.028	26.08	124.5	193	6.1
12	MAR	2000	22:21:30.047	14.98	-92.44	62	6.3
28	MAR	2000	11:00:22.051	22.34	143.73	126	7.6
12	MAY	2000	23:10:29.098	35.97	70.66	107	6.3
2	JUN	2000	11:13:49.038	44.51	-130.08	10	6.5
3	JUN	2000	08:54:49.02	35.55	140.46	62	6.2
4	JUN	2000	16:28:26.017	-4.72	102.09	33	8.3
6	JUN	2000	09:58:06.077	-5.09	102.7	33	6.3
6	JUN	2000	14:57:02.022	29.42	131.42	33	6.4
7	JUN	2000	21:46:55.09	26.86	97.24	33	6.5
7	JUN	2000	23:45:26.068	-4.61	101.9	33	6.7
9	JUN	2000	08:00:24.015	-5.55	102.68	33	6
9	JUN	2000	23:31:45.029	30.49	137.73	485	6.3
10	JUN	2000	18:23:29.032	23.84	121.22	33	6.4
15	JUN	2000	11:10:46.021	29.37	132.08	10	6.1
25	JUN	2000	06:34:42.088	31.18	131.21	10	6
1	JUL	2000	07:01:55.058	34.22	139.13	10	6.8
7	JUL	2000	15:46:44.056	51.41	179.98	31	6.4
8	JUL	2000	04:52:55.041	-5.41	102.7	33	6.1
8	JUL	2000	18:57:44.047	34.05	139.13	10	6.6
10	JUL	2000	09:58:18.099	46.83	145.42	359	6.1
11	JUL	2000	01:32:28.052	57.37	-154.21	43	6.8
15	JUL	2000	01:30:30.05	34.32	139.26	10	6.1
16	JUL	2000	03:21:45.053	20.25	122.04	33	6.8
17	JUL	2000	22:53:47.03	36.28	70.92	141	6.6
20	JUL	2000	18:39:18.082	36.51	140.98	47	6.2
21	JUL	2000	01:53:35.081	9.42	-85.33	33	6.4
30	JUL	2000	12:25:45.057	33.9	139.38	10	7.1
4	AUG	2000	21:13:02.071	48.79	142.25	10	7.1
6	AUG	2000	07:27:12.09	28.86	139.56	394	7.4
9	AUG	2000	11:41:47.09	18.2	-102.48	45	6.5
19	AUG	2000	17:26:27.094	43.82	147.17	62	6
1	SEP	2000	11:56:51.083	1.44	96.59	33	6
12	SEP	2000	00:27:58.062	35.39	99.34	10	6.3
12	SEP	2000	16:27:24.058	-5.43	101.82	33	6.1
22	SEP	2000	18:22:03.015	-4.96	102.1	33	6.7
2	OCT	2000	02:25:31.031	-7.98	30.71	34	6.7
3	OCT	2000	04:13:30.049	40.28	143.12	33	6.3
5	OCT	2000	13:39:11.067	31.73	-40.96	10	6.3
6	OCT	2000	04:30:19.015	35.46	133.13	10	7.4
27	OCT	2000	04:21:51.06	26.27	140.46	388	6.3
8	NOV	2000	06:59:58.086	7.04	-77.83	17	6.5
13	NOV	2000	15:57:21.061	42.49	144.76	33	6
4	DEC	2000	04:43:09.059	14.88	-93.94	33	6.1
6	DEC	2000	17:11:06.04	39.57	54.8	30	7.5
22	DEC	2000	10:13:01.011	44.79	147.2	140	6.3
10	JAN	2001	16:02:44.023	57.08	-153.21	33	7
16	JAN	2001	13:25:09.083	-4.02	101.78	28	6.9
26	JAN	2001	03:16:40.05	23.42	70.23	16	8
1	FEB	2001	18:19:30.039	51.44	-177.8	33	6
13	FEB	2001	19:28:30.026	-4.68	102.56	36	7.4
25	FEB	2001	02:21:59.059	36.42	70.88	202	6.2
26	FEB	2001	05:58:22.043	46.81	144.52	392	6.1
28	FEB	2001	18:54:32.083	47.15	-122.73	51	6.8
23	MAR	2001	11:30:10.052	44.07	148.05	33	6

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Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
24	MAR	2001	06:27:53.058	34.08	132.53	50	6.8
14	APR	2001	23:27:26.066	30.09	141.77	10	6
26	APR	2001	17:48:57.047	43.1	145.92	86	6
20	MAY	2001	04:21:43.082	18.82	-104.45	33	6.3
25	MAY	2001	00:40:50.06	44.27	148.39	33	6.7
14	JUN	2001	19:48:47.085	51.16	-179.83	18	6.5
24	JUN	2001	13:18:51.071	44.19	148.51	33	6
3	JUL	2001	13:10:42.06	21.64	142.98	290	6.5
28	JUL	2001	07:32:43.001	59.03	-155.12	131	6.8
2	AUG	2001	23:41:06.017	56.26	163.79	14	6.3
13	AUG	2001	20:11:23.04	41.05	142.31	38	6.4
25	AUG	2001	02:02:02.05	7.63	-82.77	24	6.1
2	SEP	2001	02:25:54.009	0.89	82.5	10	6.1
7	SEP	2001	02:45:59.00	-13.17	97.3	10	6.2
12	SEP	2001	22:23:44.009	27.69	141.91	33	6
14	SEP	2001	04:45:08.00	48.69	-128.71	10	6
22	SEP	2001	03:23:38.022	3.87	-75.97	178	6
8	OCT	2001	18:14:26.044	52.59	160.32	48	6.5
8	OCT	2001	18:20:38.025	52.63	160.21	33	6.4
9	OCT	2001	23:53:37.003	47.76	155.1	33	6.5
12	OCT	2001	05:02:34.00	52.63	-132.2	20	6.1
9	NOV	2001	00:47:55.002	9.64	-82.3	10	6.1
14	NOV	2001	09:26:10.001	35.95	90.54	10	8
15	NOV	2001	01:03:06.006	-1.59	-15.58	10	6.3
23	NOV	2001	20:43:03.055	36.39	71.51	106	6.1
28	NOV	2001	14:32:32.072	15.57	-93.11	84	6.4
2	DEC	2001	13:01:53.067	39.4	141.09	123	6.5
8	DEC	2001	20:29:34.023	28.25	129.57	33	6.2
18	DEC	2001	04:02:58.028	23.95	122.73	14	7.3
3	JAN	2002	07:05:27.067	36.09	70.69	129	6.2
16	JAN	2002	23:09:52.008	15.5	-93.13	80	6.4
1	FEB	2002	21:55:20.099	45.46	136.72	355	6.2
3	MAR	2002	12:08:19.074	36.5	70.48	225	7.4
25	MAR	2002	14:56:33.082	36.06	69.32	8	6.2
26	MAR	2002	03:45:48.07	23.35	124.09	33	6.6
31	MAR	2002	06:52:50.049	24.28	122.18	32	7.4
12	APR	2002	04:00:23.074	35.96	69.42	10	5.9
14	APR	2002	02:04:21.014	38.53	73.4	117	5.5
26	APR	2002	07:15:11.05	53.51	160.63	62	5.9
3	MAY	2002	11:20:51.054	86	31.59	10	5.4
8	MAY	2002	19:45:18.086	53.81	160.77	39	5.9
12	MAY	2002	01:29:35.044	39.22	140.99	95	5.3
21	MAY	2002	20:04:16.016	44.43	146.62	149	5.5
25	MAY	2002	05:36:31.097	53.81	-161.12	33	6.5
28	MAY	2002	16:45:17.01	24.07	122.26	33	6.1
31	MAY	2002	06:09:20.09	52.81	171.79	33	5.5
12	JUN	2002	19:52:47.036	-0.68	-20.72	10	5.5
16	JUN	2002	02:46:14.003	8.78	-83.99	35	6.4
22	JUN	2002	02:58:21.03	35.63	49.05	10	6.5
28	JUN	2002	17:19:30.027	43.75	130.67	566	7.3
11	JUL	2002	07:36:26.006	24.08	122.29	43	5.8
13	JUL	2002	20:06:27.054	30.8	69.98	33	5.8
17	JUL	2002	02:20:33.083	48.52	153.26	147	5.6
23	JUL	2002	20:05:31.088	37.25	142.22	33	5.7
25	JUL	2002	12:31:01.044	43.66	147.55	33	5.7
31	JUL	2002	00:16:44.061	7.93	-82.79	10	6.5
2	AUG	2002	23:11:39.013	29.28	138.97	426	6.3
7	AUG	2002	23:59:14.054	7.85	-82.89	10	6

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Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
20	AUG	2002	10:59:32.002	30.99	141.97	9	6.3
24	AUG	2002	18:40:53.044	43.11	146.12	42	6.2
28	AUG	2002	17:05:33.085	22.11	121.58	33	5.7
30	AUG	2002	05:58:21.005	44.48	149.08	31	5.7
31	AUG	2002	05:27:18.024	2.71	-84.38	23	5.7
1	SEP	2002	17:14:59.089	14.28	51.94	10	6
5	SEP	2002	11:03:05.085	39.77	72.01	31	5.3
11	SEP	2002	04:50:32.086	83.14	-6.08	10	5.6
13	SEP	2002	22:28:29.046	13.04	93.07	21	6.7
14	SEP	2002	19:58:36.095	13.06	93.16	33	5.8
15	SEP	2002	08:39:32.07	44.83	129.92	586	6.4
26	SEP	2002	12:55:29.078	-19.65	-12.01	10	5.7
12	OCT	2002	20:09:11.046	-8.3	-71.74	534	6.9
14	OCT	2002	14:12:43.075	41.17	142.25	61	6.1
16	OCT	2002	10:12:21.043	51.95	157.32	102	6.2
19	OCT	2002	12:09:05.038	44.3	149.96	33	6.4
23	OCT	2002	11:27:19.043	63.51	-147.91	4	6.7
24	OCT	2002	06:08:37.098	-1.88	29	11	6.3
24	OCT	2002	21:53:43.019	6.03	94.42	64	6.2
2	NOV	2002	01:26:10.07	2.82	96.08	30	7.6
2	NOV	2002	09:46:46.07	2.95	96.39	27	6.4
3	NOV	2002	03:37:42.007	38.89	141.98	39	6.4
3	NOV	2002	22:12:41.00	63.52	-147.44	4	8.5
16	NOV	2002	12:06:25.017	50.38	156.56	96	5.6
17	NOV	2002	04:53:53.054	47.82	146.21	459	7.3
20	NOV	2002	21:32:30.081	35.41	74.51	33	6.5
26	NOV	2002	00:48:15.004	51.47	-173.54	20	6.1
28	DEC	2002	09:36:08.048	51.43	-168.53	10	5.8
22	JAN	2003	02:06:34.061	18.77	-104.1	24	7.6
6	FEB	2003	18:48:40.006	43.29	148.09	49	5.3
19	FEB	2003	03:32:36.036	53.65	-164.64	19	6.6
24	FEB	2003	02:03:41.045	39.61	77.23	11	6.4
2	MAR	2003	22:46:46.084	37.68	141.72	42	5.8
15	MAR	2003	19:41:28.07	52.25	160.39	30	6.1
17	MAR	2003	16:36:17.031	51.27	177.98	33	7.1
26	MAR	2003	04:22:30.007	12.52	92.56	33	5.9
2	APR	2003	03:43:11.058	35.28	-35.73	10	6.3
17	APR	2003	00:48:38.058	37.53	96.48	14	6.4
24	APR	2003	10:56:21.098	48.76	154.99	43	6.1
29	APR	2003	13:53:17.03	43.71	147.8	62	6
12	MAY	2003	03:03:05.041	1.17	98.95	78	5.7
14	MAY	2003	06:03:35.086	18.27	-58.63	41	6.7
22	MAY	2003	18:11:53.037	42.86	72.81	10	5.3
26	MAY	2003	09:24:33.04	38.85	141.57	68	7
28	MAY	2003	16:15:18.094	-17.65	66.12	10	6.2
10	JUN	2003	08:40:30.083	23.52	121.63	44	6
15	JUN	2003	19:24:33.015	51.55	176.92	20	6.5
16	JUN	2003	22:08:02.014	55.49	160	174	6.9
20	JUN	2003	06:19:38.091	-7.61	-71.72	558	7.1
23	JUN	2003	12:12:34.047	51.44	176.78	20	7
25	JUL	2003	22:13:29.097	38.42	141	6	6.1
27	JUL	2003	06:25:31.095	47.15	139.25	470	6.8
11	AUG	2003	21:22:30.042	12.12	93.53	100	6
25	AUG	2003	06:28:35.018	14.03	-91.07	100	6
31	AUG	2003	23:08:00.026	43.39	132.27	481	6.2
1	SEP	2003	23:16:35.005	38.6	75.32	10	6
21	SEP	2003	18:16:13.041	19.92	95.67	10	6.9
22	SEP	2003	04:45:36.024	19.78	-70.67	10	6.6

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Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
25	SEP	2003	19:50:06.036	41.81	143.91	27	8.3
26	SEP	2003	20:38:22.01	41.99	144.58	33	6
27	SEP	2003	11:33:25.008	50.04	87.81	16	7.5
27	SEP	2003	18:52:46.098	50.09	87.76	10	6.6
29	SEP	2003	02:36:53.014	42.45	144.38	25	6.5
1	OCT	2003	01:03:25.024	50.21	87.72	10	7.1
8	OCT	2003	09:06:55.034	42.65	144.57	32	6.7
28	OCT	2003	21:48:21.001	43.84	147.75	65	6.1
31	OCT	2003	01:06:28.028	37.81	142.62	10	7
5	NOV	2003	00:58:51.011	4.97	-77.77	33	6
9	NOV	2003	19:52:36.082	-0.67	-19.69	10	6.6
12	NOV	2003	08:26:43.074	33.17	137.07	384	6.4
17	NOV	2003	06:43:06.08	51.15	178.65	33	7.8
18	NOV	2003	17:14:22.062	12.02	125.42	35	6.5
1	DEC	2003	01:38:31.096	42.9	80.51	10	6
5	DEC	2003	21:26:09.048	55.54	165.78	10	6.7
9	DEC	2003	12:44:01.068	51.33	-179.27	33	6.2
10	DEC	2003	04:38:11.059	23.04	121.36	10	6.8
22	DEC	2003	19:15:56.00	35.71	-121.1	7	6.5
26	DEC	2003	01:56:52.044	29	58.31	10	6.8
22	FEB	2004	06:46:27.004	-1.56	100.49	42	6.3
8	MAR	2004	23:39:11.034	10.48	-43.92	10	6.1
27	MAR	2004	18:47:29.02	33.95	89.18	8	6
3	APR	2004	23:02:00.087	36.43	141.01	31	6
5	APR	2004	21:24:04.00	36.51	71.03	187	6.6
11	APR	2004	18:06:12.048	42.92	144.84	41	6.1
14	APR	2004	01:54:09.022	55.23	162.66	51	6.2
29	APR	2004	00:57:21.008	10.81	-86	10	6.2
11	MAY	2004	08:28:48.028	0.41	97.82	21	6.2
19	MAY	2004	07:04:11.071	22.66	121.5	20	6.2
28	MAY	2004	12:38:44.027	36.25	51.62	17	6.4
29	MAY	2004	20:56:09.06	34.25	141.41	16	6.6
10	JUN	2004	15:19:57.075	55.68	160	188	6.9
28	JUN	2004	09:49:47.00	54.8	-134.25	20	6.8

B.2 Teleseismic events used for P receiver function analysis, recorded at stations by Geissler et al. (2005)

The following events recorded during the experiment by *Geissler et al.* (2005) were used for *P* receiver function analysis of the mantle transition zone. Events between 1980-1991 were recorded only by stations GRA1, GRB1 and GRC1. Temporary stations operated between 1995-1996.

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
19	JAN	1980	07:02:35.00	51.317	-178.488	50	5.8
15	FEB	1980	14:25:48.90	44.533	149.739	35	5.8
22	FEB	1980	03:02:47.20	30.506	88.583	33	5.8
23	FEB	1980	05:51:03.20	43.53	146.753	44	6.3
23	FEB	1980	22:38:53.50	43.243	146.9	45	5.9
26	MAR	1980	20:43:37.90	23.867	-45.558	10	5.9
31	MAR	1980	07:32:31.80	35.448	135.473	359	5.8
31	MAR	1980	12:41:47.70	16.129	121.962	43	5.9
3	MAY	1980	09:30:08.50	51.233	173.679	33	5.8
8	MAY	1980	08:03:37.60	34.419	140.25	62	5.8
25	MAY	1980	16:33:44.70	37.6	-118.84	5	6.1
29	JUN	1980	07:20:05.50	34.808	139.181	15	5.8
29	JUL	1980	14:58:40.80	29.598	81.092	18	6.1
30	JUL	1980	06:56:16.70	5.276	-82.665	10	5.8
24	SEP	1980	17:54:24.10	35.45	139.964	73	6
24	OCT	1980	14:53:35.10	18.211	-98.24	72	6.4
26	OCT	1980	05:14:19.10	11.751	125.502	48	6
4	NOV	1980	20:26:00.70	53.817	160.741	33	5.9
8	NOV	1980	10:27:34.00	41.117	-124.253	19	6.2
31	DEC	1980	10:32:11.00	46.06	151.453	33	6.1
18	JAN	1981	18:11:28.40	38.58	142.82	33	5.9
18	JAN	1981	18:17:24.40	38.64	142.75	33	6.1
22	JAN	1981	19:34:40.10	38.215	142.672	20	6.1
23	JAN	1981	04:58:31.50	42.524	142.122	116	6.3
23	JAN	1981	10:22:34.90	38.149	142.775	33	5.8
30	JAN	1981	08:52:44.10	51.744	176.274	33	6.3
19	FEB	1981	19:36:11.60	44.639	149.342	33	5.9
8	APR	1981	23:42:47.90	45.667	152.32	33	5.9
2	MAY	1981	16:04:55.60	36.355	71.085	229	6.3
6	MAY	1981	21:36:06.80	-1.886	-80.885	33	6
8	MAY	1981	23:34:44.90	42.66	139.129	200	6
3	JUN	1981	05:47:44.44	-35.56	-17.04	10	5.8
11	JUN	1981	07:24:25.23	29.913	57.715	33	6.1
23	AUG	1981	12:00:26.55	48.718	157.39	40	6
3	SEP	1981	05:35:44.80	43.621	147.031	45	6.6
4	SEP	1981	11:15:13.61	9.964	124.035	644	6
12	SEP	1981	07:15:54.17	35.693	73.594	33	6.2
13	SEP	1981	09:19:30.90	24.866	-46.301	10	5.8
14	SEP	1981	12:44:29.80	18.32	-68.891	170	5.9
1	OCT	1981	17:04:44.92	50.733	160.429	33	5.9
15	OCT	1981	01:47:52.97	40.229	142.287	47	6
25	OCT	1981	03:22:15.57	18.048	-102.084	33	6.2
22	NOV	1981	15:05:20.56	18.752	120.839	24	6.2
27	NOV	1981	17:21:45.80	42.913	131.076	543	5.8
12	DEC	1981	04:52:37.16	23.932	125.856	10	6.1
11	JAN	1982	06:10:06.49	13.752	124.358	45	6
23	JAN	1982	17:37:30.26	31.696	82.246	33	6

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Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
20	FEB	1982	19:18:20.24	33.579	140.999	18	6.2
6	APR	1982	19:56:53.45	14.315	-92.082	64	6
17	APR	1982	09:20:57.86	19.871	120.526	10	6.2
24	MAY	1982	07:25:32.34	48.826	154.969	29	5.9
29	MAY	1982	12:21:08.39	42.812	143.164	75	5.8
31	MAY	1982	10:21:15.01	55.138	165.401	33	6
4	JUN	1982	03:01:04.12	51.597	-177.333	58	5.8
7	JUN	1982	06:52:37.37	16.607	-98.149	40	6
7	JUN	1982	10:59:40.16	16.558	-98.358	33	6.3
19	JUN	1982	06:21:58.00	13.313	-89.339	81	6.2
30	JUN	1982	01:57:34.15	44.679	151.143	33	6.6
1	JUL	1982	07:41:53.26	51.426	-179.943	47	6.3
4	JUL	1982	01:17:14.47	49.995	78.856	0	6.1
4	JUL	1982	01:20:06.80	27.929	136.967	536	6.3
23	JUL	1982	14:23:53.57	36.194	141.702	36	6.2
31	JUL	1982	06:29:15.52	51.755	176.137	37	6.2
19	AUG	1982	15:59:01.53	6.718	-82.68	10	6.2
3	SEP	1982	01:32:00.28	43.913	148.478	33	6
6	SEP	1982	01:47:02.73	29.325	140.36	175	6.5
16	DEC	1982	00:40:48.72	36.148	69.011	36	6.2
24	JAN	1983	08:17:39.61	16.146	-95.232	56	6.3
24	JAN	1983	23:09:21.43	12.942	93.582	78	6.1
14	FEB	1983	03:20:04.47	54.931	-159.189	47	5.9
14	FEB	1983	08:10:03.61	54.969	-159.236	33	6
26	FEB	1983	07:10:59.16	49.243	155.601	56	6
27	FEB	1983	12:14:20.77	35.869	139.916	78	5.9
10	MAR	1983	00:27:48.36	43.813	147.397	33	6.2
3	APR	1983	02:50:01.18	8.717	-83.123	37	6.5
4	APR	1983	02:51:34.36	5.723	94.722	78	6.6
4	APR	1983	19:04:20.64	52.931	159.858	38	6
4	APR	1983	23:12:47.19	49.408	155.602	51	6.1
8	APR	1983	02:28:25.58	11.429	57.52	10	5.9
11	APR	1983	08:18:10.12	10.419	-62.764	40	6
12	APR	1983	12:07:54.52	-4.843	-78.103	104	6.5
18	APR	1983	10:58:51.26	27.793	62.054	64	6.5
30	APR	1983	14:03:49.23	41.473	143.764	30	6.5
1	MAY	1983	18:10:40.39	46.353	153.453	24	6.1
2	MAY	1983	23:42:37.76	36.219	-120.317	10	6.2
29	MAY	1983	04:45:41.02	49.246	155.366	46	5.8
8	AUG	1983	03:47:57.16	35.498	139.069	24	5.9
17	AUG	1983	10:55:54.13	55.867	161.287	62	6.6
25	AUG	1983	20:23:33.32	33.509	131.484	126	6.1
7	SEP	1983	19:22:05.15	60.976	-147.5	45	6.2
12	SEP	1983	15:42:08.55	36.502	71.082	208	6.1
21	SEP	1983	19:20:42.46	24.095	122.148	28	6
28	OCT	1983	14:06:06.61	44.058	-113.857	10	6.2
20	NOV	1983	00:44:43.56	43.706	148.444	29	5.9
22	NOV	1983	14:21:03.08	0.482	-79.877	54	6.3
30	NOV	1983	02:56:47.28	41.79	142.772	56	5.8
30	NOV	1983	17:46:00.67	-6.852	72.11	10	6.6
2	DEC	1983	03:09:05.66	14.066	-91.924	67	5.9
3	DEC	1983	17:43:14.84	-6.463	71.417	10	6.3
22	DEC	1983	04:11:29.23	11.866	-13.529	11	6.4
30	DEC	1983	23:52:39.93	36.372	70.738	214	6.6
1	FEB	1984	07:28:28.70	49.063	146.59	573	5.9
1	FEB	1984	14:22:07.90	34.616	70.484	33	5.9
16	FEB	1984	17:18:41.61	36.431	70.826	207	6.1
6	MAR	1984	02:17:21.26	29.384	138.935	457	6.2

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
19	MAR	1984	20:28:38.24	40.32	63.35	14	6.5
21	MAR	1984	02:44:24.35	49.176	155.385	40	6
24	MAR	1984	09:44:02.60	44.117	148.192	44	6.1
20	APR	1984	06:31:10.63	50.12	148.745	582	6
22	APR	1984	06:14:21.58	-0.541	-19.857	10	5.8
23	APR	1984	21:40:35.51	47.45	146.692	414	6
24	APR	1984	04:11:29.09	30.909	138.431	403	6.1
26	APR	1984	10:11:10.28	-6.825	71.495	10	6
24	JUN	1984	11:17:11.92	17.984	-69.338	23	6
1	JUL	1984	10:12:20.95	36.471	70.906	203	5.8
2	JUL	1984	04:50:44.13	16.804	-98.441	46	5.9
14	JUL	1984	01:09:10.57	49.891	78.963	0	6.2
19	JUL	1984	23:25:12.88	28.106	129.524	47	6.1
28	AUG	1984	19:04:30.56	27.431	128.524	57	5.9
10	SEP	1984	03:14:10.10	40.503	-126.831	10	6.1
13	SEP	1984	23:48:49.97	35.789	137.488	10	6
18	SEP	1984	17:02:44.31	34.006	141.5	47	6.6
13	OCT	1984	17:18:13.83	15.024	-94.304	31	6.1
26	OCT	1984	20:22:21.83	39.155	71.328	33	6
1	NOV	1984	04:48:50.27	8.185	-38.794	10	6.5
1	NOV	1984	18:43:44.12	55.209	163.692	49	5.8
6	NOV	1984	07:58:51.32	-18.876	67.352	10	6.2
17	NOV	1984	06:49:30.02	0.197	98.027	33	6.3
3	DEC	1984	04:08:35.10	44.212	148.138	64	6.4
16	DEC	1984	03:55:02.75	49.957	78.862	0	6.1
28	DEC	1984	10:37:53.76	56.194	163.46	33	6.2
28	FEB	1985	20:53:47.86	27.462	128.449	60	5.9
6	MAR	1985	22:31:53.27	55.241	162.043	47	5.8
16	MAR	1985	14:54:00.72	17.013	-62.448	13	6.3
27	MAR	1985	12:48:12.35	44.335	146.666	154	5.9
28	MAR	1985	16:07:06.84	40.31	140.362	166	6.1
10	APR	1985	16:26:20.57	29.962	138.927	420	5.8
23	APR	1985	16:15:12.02	15.344	120.61	188	6.3
1	MAY	1985	13:27:56.14	-9.196	-71.23	599	6
2	MAY	1985	08:55:16.31	48.871	156.329	43	5.9
14	MAY	1985	13:24:57.83	-10.61	41.423	10	6
14	MAY	1985	18:11:08.95	-10.562	41.424	10	6.4
19	MAY	1985	08:07:48.21	53.611	160.526	62	6.1
24	MAY	1985	22:04:43.41	51.422	-178.43	34	5.8
25	MAY	1985	23:29:21.72	54.055	160.992	45	5.9
6	JUN	1985	02:40:12.95	0.932	-28.432	10	6.3
15	JUN	1985	00:57:00.79	49.889	78.881	0	6
17	JUN	1985	19:12:38.86	30.276	132.681	26	5.8
30	JUN	1985	02:39:02.79	49.861	78.696	0	6
29	JUL	1985	07:54:44.07	36.19	70.896	98	6.6
2	AUG	1985	07:46:53.30	36.174	70.78	120	6.1
9	AUG	1985	19:59:44.07	16.9	120.186	21	5.8
11	AUG	1985	09:59:44.16	54.139	168.731	50	5.9
12	AUG	1985	03:49:18.09	37.771	141.773	51	6
23	AUG	1985	12:41:56.16	39.431	75.224	6	6.4
11	SEP	1985	20:45:49.54	39.356	75.407	15	5.8
19	SEP	1985	13:17:47.35	18.19	-102.533	27	6.8
21	SEP	1985	01:37:13.47	17.802	-101.647	30	6.3
5	OCT	1985	15:24:02.27	62.237	-124.266	10	6.5
9	OCT	1985	09:33:32.48	54.765	-159.613	30	6.2
18	OCT	1985	04:19:06.40	46.323	146.272	271	5.9
29	OCT	1985	13:13:44.62	36.681	54.75	52	6
31	OCT	1985	19:33:06.56	53.249	-166.936	30	5.8

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
23	DEC	1985	05:16:03.33	62.222	-124.239	6	6.4
3	FEB	1986	20:47:35.34	27.791	139.552	508	5.8
12	FEB	1986	02:59:30.42	36.384	141.128	30	6.1
7	APR	1986	22:43:29.60	15.54	-94.423	48	5.8
16	APR	1986	12:52:16.07	43.89	147.57	23	6.3
30	APR	1986	07:07:18.12	18.404	-102.973	26	6.2
2	MAY	1986	10:30:02.85	55.172	163.843	14	6
7	MAY	1986	20:43:31.26	51.384	-174.809	22	6.1
7	MAY	1986	22:47:10.87	51.52	-174.776	33	6.4
8	MAY	1986	04:03:50.08	51.14	-176.442	33	5.8
8	MAY	1986	05:37:20.26	51.336	-175.363	18	6
9	MAY	1986	19:04:28.42	51.46	-174.243	33	5.8
11	MAY	1986	01:24:25.79	26.743	125.205	193	5.9
16	MAY	1986	16:51:12.31	47.204	154.109	24	5.8
17	MAY	1986	16:20:22.23	52.327	-174.504	26	5.8
20	MAY	1986	05:25:46.96	24.125	121.619	19	6.1
21	MAY	1986	05:47:10.87	43.684	148.416	39	6.1
8	JUN	1986	11:02:25.87	43.269	146.491	56	6
11	JUN	1986	13:48:01.39	10.597	-62.928	18	6
17	JUN	1986	00:42:35.40	53.88	160.388	33	5.9
19	JUN	1986	09:09:09.21	56.331	-152.914	16	6
19	JUN	1986	18:12:27.84	7.799	94.517	164	5.9
20	JUN	1986	17:12:46.94	31.24	86.847	33	5.9
24	JUN	1986	02:53:11.25	34.794	140.595	62	6.1
6	JUL	1986	19:24:22.99	34.424	80.161	9	5.8
7	JUL	1986	16:26:56.61	10.389	56.832	7	6.4
8	JUL	1986	09:20:44.50	34	-116.61	12	5.8
13	JUL	1986	09:12:10.71	16.061	-93.901	80	5.9
18	JUL	1986	17:22:38.24	10.77	-69.428	7	5.9
19	JUL	1986	05:59:36.21	47.264	151.127	141	5.9
21	JUL	1986	14:42:26.60	37.537	-118.447	9	6
26	AUG	1986	09:43:00.39	37.724	101.496	8	6.2
15	SEP	1986	21:42:29.29	36.714	71.092	88	5.8
17	SEP	1986	21:25:15.06	10.497	56.983	10	5.8
14	NOV	1986	21:20:10.55	23.901	121.574	33	6.3
5	JAN	1987	12:11:55.77	52.448	-169.381	33	6.1
9	JAN	1987	06:14:44.87	39.895	141.677	67	6.4
14	JAN	1987	11:03:48.75	42.565	142.85	102	6.5
24	JAN	1987	08:09:21.30	41.529	79.318	28	5.9
18	FEB	1987	00:00:52.54	51.298	-179.279	33	6.2
27	FEB	1987	08:31:54.40	53.47	-167.291	10	6.2
3	MAR	1987	01:32:12.31	46.347	152.013	96	5.8
6	MAR	1987	01:54:50.49	0.048	-77.653	14	6.1
6	MAR	1987	04:10:41.96	0.151	-77.821	10	6.5
18	MAR	1987	03:36:30.33	32.034	131.837	54	6.4
21	MAR	1987	10:41:35.97	52.056	-177.547	93	6
22	MAR	1987	02:49:15.90	51.594	-173.574	19	5.9
7	APR	1987	00:40:43.40	37.363	141.796	29	6.4
22	APR	1987	20:13:23.15	37.155	141.573	30	6.1
25	APR	1987	12:16:52.44	16.066	120.301	107	6.3
25	APR	1987	19:22:07.20	2.244	98.866	11	5.9
29	APR	1987	01:45:22.63	27.437	56.109	8	5.9
5	MAY	1987	15:40:47.52	36.48	70.673	202	5.8
6	MAY	1987	04:06:14.15	51.272	-179.898	20	6.3
7	MAY	1987	03:05:49.17	46.736	139.232	430	6
18	MAY	1987	03:07:34.13	49.282	147.693	542	6.1
5	JUN	1987	04:59:58.39	41.584	88.737	0	6.2
7	JUN	1987	05:49:43.63	20.429	121.366	14	5.8

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
20	JUN	1987	00:53:04.83	49.913	78.735	0	6.1
21	JUN	1987	05:46:10.01	54.211	-162.601	33	6.2
3	JUL	1987	10:10:43.78	31.196	130.322	168	5.8
6	JUL	1987	00:23:25.65	51.508	-174.721	33	5.8
10	JUL	1987	18:49:53.91	55.137	165.525	33	6.1
15	JUL	1987	07:16:13.55	17.522	-97.153	67	5.9
4	SEP	1987	04:27:08.88	49.293	156.41	33	5.9
23	SEP	1987	07:15:43.25	45.96	149.519	130	5.9
3	OCT	1987	11:00:05.29	36.454	71.437	95	5.9
4	OCT	1987	18:34:22.61	55.585	161.623	53	6
6	OCT	1987	20:11:35.14	52.956	159.972	33	6.1
18	NOV	1987	16:27:05.27	12.845	124.77	22	5.9
24	NOV	1987	13:15:56.40	33.01	-115.84	2	6
30	NOV	1987	19:23:19.59	58.679	-142.786	10	6.7
12	DEC	1987	04:51:50.51	29.692	140.025	164	6.3
17	DEC	1987	02:08:19.92	35.362	140.214	62	6
18	DEC	1987	16:24:03.05	28.191	56.677	19	5.8
7	FEB	1988	18:15:05.63	50.785	173.465	33	6.2
16	FEB	1988	04:22:36.16	51.564	175.041	33	5.9
24	FEB	1988	03:52:03.29	13.477	124.616	24	6
26	FEB	1988	06:17:31.53	-37.319	47.989	10	6.1
29	FEB	1988	05:31:41.47	55.149	167.43	33	6.1
6	MAR	1988	22:35:38.14	56.953	-143.032	10	6.8
10	MAR	1988	06:17:23.31	10.402	-60.587	56	6.2
21	MAR	1988	23:31:21.68	77.601	125.451	10	6
25	MAR	1988	19:36:46.47	62.154	-124.182	10	6.1
3	APR	1988	01:33:05.85	49.917	78.945	0	6.1
3	APR	1988	14:27:09.04	4.687	94.419	30	5.9
7	MAY	1988	01:59:26.24	42.601	143.751	72	6.1
20	MAY	1988	14:58:43.53	8.116	-38.413	10	5.8
18	JUN	1988	22:49:42.37	26.856	-110.996	10	5.9
21	JUN	1988	06:26:16.64	24.878	-45.867	25	5.9
24	JUN	1988	08:57:53.33	10.209	-60.559	38	6
6	JUL	1988	15:54:19.14	41.744	144.199	30	5.9
20	JUL	1988	23:15:36.65	23.902	121.598	50	5.8
30	JUL	1988	21:07:21.16	44.771	149.89	61	6.3
31	JUL	1988	15:22:48.79	-31.891	57.448	10	5.8
6	AUG	1988	00:36:24.65	25.149	95.127	90	6.8
6	AUG	1988	09:03:21.95	36.461	71.043	195	6.1
20	AUG	1988	23:09:09.56	26.755	86.616	57	6.4
7	SEP	1988	11:53:24.13	30.245	137.431	485	6.1
21	SEP	1988	09:58:53.57	46.187	152.205	51	5.9
6	NOV	1988	13:03:19.34	22.789	99.611	17	6.1
15	NOV	1988	08:41:42.35	52.109	-171.103	22	5.9
22	JAN	1989	22:20:17.97	41.806	144.282	25	6
10	MAR	1989	21:49:45.86	-13.702	34.42	30	6.2
11	APR	1989	03:56:36.91	49.488	159.185	16	6.3
15	APR	1989	20:34:08.93	29.987	99.195	13	6.2
20	APR	1989	22:59:54.07	57.166	121.976	26	6.1
25	APR	1989	02:13:20.83	30.048	99.419	7	6.2
25	APR	1989	14:29:00.51	16.773	-99.328	19	6.2
30	APR	1989	08:22:54.01	10.96	-68.325	20	5.9
3	MAY	1989	05:53:01.17	30.091	99.475	14	6.1
3	MAY	1989	15:41:30.88	30.053	99.499	7	5.8
5	MAY	1989	18:28:39.45	-8.281	-71.381	593	6.4
19	MAY	1989	02:21:56.38	54.305	-165.574	104	6.1
24	MAY	1989	13:31:14.48	56.177	164.264	18	5.9
11	JUN	1989	13:24:32.07	35.107	-35.008	9	5.8

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
12	JUN	1989	00:04:09.76	21.861	89.763	5	6.1
16	JUN	1989	10:51:21.56	57.755	-153.992	58	5.8
16	JUN	1989	23:42:35.12	31.807	137.982	359	5.9
25	JUN	1989	20:37:32.46	1.134	-79.616	15	5.9
24	JUL	1989	03:27:48.77	36.085	71.069	95	5.8
3	AUG	1989	11:31:20.43	23.043	121.965	10	5.9
20	AUG	1989	11:16:56.51	11.766	41.942	11	5.8
20	AUG	1989	19:25:56.51	11.904	41.824	11	6.2
21	AUG	1989	01:09:06.63	11.874	41.87	15	6.3
21	AUG	1989	05:03:05.60	11.942	41.769	9	5.8
30	AUG	1989	11:38:12.76	55.609	161.358	73	5.8
4	SEP	1989	13:14:58.25	55.543	-156.835	11	6.5
9	SEP	1989	01:40:35.77	2.435	-79.761	6	6
16	SEP	1989	23:20:53.22	16.497	-93.671	108	6
22	SEP	1989	02:25:50.88	31.583	102.433	14	6.1
7	OCT	1989	15:48:29.06	51.314	-179.028	19	6.1
18	OCT	1989	00:04:15.24	37.036	-121.883	18	6.5
26	OCT	1989	17:06:41.62	39.812	143.539	8	5.8
27	OCT	1989	01:45:55.08	39.823	143.692	9	5.8
29	OCT	1989	05:25:38.27	39.571	143.333	9	6
17	APR	1990	01:59:33.40	39.436	74.9	33	6
26	APR	1990	09:37:15.04	35.986	100.245	8	6.5
28	APR	1990	01:23:11.51	8.887	-83.5	22	5.9
1	MAY	1990	16:12:21.44	58.84	-156.858	211	6.1
8	MAY	1990	00:01:40.02	6.905	-82.622	9	6.2
12	MAY	1990	04:50:08.71	49.037	141.847	605	6.5
15	MAY	1990	14:25:20.69	36.043	70.428	113	5.9
17	MAY	1990	23:28:00.12	26.619	127.846	32	6
20	MAY	1990	02:22:01.62	5.121	32.145	14	6.7
24	MAY	1990	19:34:44.24	5.277	31.829	16	5.9
29	MAY	1990	18:31:12.29	56.956	-153.569	24	5.9
30	MAY	1990	02:34:05.88	-6.016	-77.229	24	6.1
14	JUN	1990	07:40:56.21	11.76	121.899	18	6
14	JUN	1990	12:47:28.82	47.869	85.076	57	6.1
17	JUN	1990	04:51:45.51	27.398	65.719	14	5.9
20	JUN	1990	21:00:09.98	36.957	49.409	18	6.4
21	JUN	1990	09:02:14.62	36.636	49.799	15	5.8
9	JUL	1990	15:11:20.38	5.395	31.654	12	5.9
14	JUL	1990	05:54:25.49	0.003	-17.376	11	6.2
16	JUL	1990	07:26:34.61	15.679	121.172	25	6.5
17	JUL	1990	21:14:43.86	16.495	120.981	23	6.1
26	JUL	1990	06:53:56.38	27.247	65.508	18	5.8
3	AUG	1990	09:15:06.15	47.963	84.961	33	6
5	AUG	1990	01:34:55.83	29.551	137.63	496	6
5	AUG	1990	03:36:22.29	36.31	141.072	26	5.8
16	AUG	1990	04:59:57.69	41.564	88.77	0	6.2
20	AUG	1990	00:03:52.78	46.189	142.289	309	5.9
26	AUG	1990	07:53:41.69	19.592	-77.874	10	5.9
2	SEP	1990	04:26:48.07	-0.143	-80.283	14	5.8
30	SEP	1990	19:05:02.46	24.248	125.215	35	5.9
16	OCT	1990	06:13:13.74	49.043	155.076	82	6
17	OCT	1990	14:30:13.16	-10.97	-70.776	598	6.7
25	OCT	1990	04:53:59.98	35.121	70.486	113	6
6	NOV	1990	18:45:52.23	28.251	55.462	10	6.2
6	NOV	1990	20:14:29.74	53.452	169.871	24	6.3
12	NOV	1990	12:28:51.52	42.959	78.071	19	5.9
13	NOV	1990	02:35:07.87	46.104	138.637	14	6.2
15	NOV	1990	02:34:32.40	3.908	97.457	48	6

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
21	NOV	1990	01:48:26.40	51.65	-171.331	33	5.8
13	DEC	1990	03:01:48.05	23.916	121.636	12	5.9
13	DEC	1990	19:50:17.88	23.722	121.627	10	5.9
31	JAN	1991	23:03:33.67	35.993	70.423	142	6.4
16	FEB	1991	01:23:40.44	48.268	154.328	38	6.3
21	FEB	1991	02:35:34.05	58.427	-175.45	20	6.2
1	MAR	1991	17:30:26.05	10.939	-84.637	196	6.1
8	MAR	1991	11:36:28.43	60.904	167.023	13	6.4
26	MAR	1991	03:58:23.26	21.704	121.789	17	5.8
4	APR	1991	03:22:57.91	7.017	-78.153	32	6.1
14	APR	1991	08:08:55.70	27.155	127.419	83	6.2
22	APR	1991	21:56:51.82	9.685	-83.073	10	6.3
3	MAY	1991	02:14:14.43	28.08	139.585	433	6
7	MAY	1991	13:09:28.75	39.43	144.714	10	6.4
13	MAY	1991	16:28:15.44	-3.463	82.824	21	5.9
30	MAY	1991	13:17:41.97	54.567	-161.606	28	6.3
10	JUN	1991	17:35:49.48	23.771	-45.368	9	6.1
2	JUL	1991	05:14:30.19	-1.068	99.843	53	5.8
6	JUL	1991	12:19:49.56	-13.108	-72.187	104	6.2
13	JUL	1991	02:50:14.69	42.182	-125.641	11	6.2
14	JUL	1991	09:09:11.91	36.334	71.119	212	6.4
20	JUL	1991	11:48:47.18	54.565	-161.654	32	5.8
23	JUL	1991	13:25:47.32	3.775	95.932	46	5.8
6	AUG	1991	02:17:31.60	3.827	95.374	18	6
6	AUG	1991	14:49:30.57	35.725	141.044	28	5.9
17	AUG	1991	19:29:40.00	40.235	-124.348	12	6
17	AUG	1991	22:17:14.68	41.821	-125.397	13	6.2
26	AUG	1991	14:59:44.91	42.1	144.635	28	5.8
26	AUG	1991	20:54:23.02	6.882	94.609	21	5.8
3	SEP	1991	08:44:48.60	33.649	138.778	27	5.9
19	OCT	1991	21:23:14.30	30.78	78.774	10	6.5
19	NOV	1991	22:28:51.09	4.554	-77.442	21	6.4
26	NOV	1991	19:40:48.57	42.051	142.523	56	6.1
27	NOV	1991	05:03:31.35	48.237	154.807	27	5.9
13	DEC	1991	02:33:51.85	45.578	151.56	30	6.1
13	DEC	1991	18:59:06.56	45.521	151.707	18	6.1
17	DEC	1991	06:38:17.32	47.393	151.499	157	5.8
19	DEC	1991	01:33:40.43	45.253	151.176	27	6
22	DEC	1991	08:43:13.41	45.533	151.021	24	6.3
27	DEC	1991	09:09:37.50	51.019	98.15	13	5.8
17	FEB	1992	00:01:56.61	79.191	124.482	10	5.9
2	MAR	1992	12:29:39.59	52.915	159.886	38	6.5
5	MAR	1992	14:39:10.25	52.9	159.619	45	6.3
7	MAR	1992	01:53:37.76	10.21	-84.323	78	6.2
6	APR	1992	13:54:40.22	50.724	-130.091	19	6
19	APR	1992	18:32:19.00	23.861	121.594	15	5.8
23	APR	1992	14:18:35.15	22.437	98.904	12	5.8
25	APR	1992	18:06:04.21	40.368	-124.316	15	6.3
26	APR	1992	07:41:39.73	40.415	-124.603	20	5.9
26	APR	1992	11:18:25.79	40.378	-124.575	22	6.5
7	MAY	1992	06:23:36.15	41.175	144.7	12	5.8
18	MAY	1992	23:19:20.87	7.446	-82.311	17	5.9
20	MAY	1992	12:20:32.85	33.377	71.317	16	6
21	MAY	1992	04:59:57.57	41.604	88.813	0	6.5
25	MAY	1992	16:55:04.17	19.613	-77.872	23	6.3
28	MAY	1992	21:24:46.34	47.625	155.562	14	6
30	MAY	1992	12:42:03.52	30.694	141.59	20	5.9
3	JUN	1992	06:10:54.32	51.13	178.743	21	5.9

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
15	JUN	1992	02:48:56.25	24.027	95.932	17	5.8
26	JUN	1992	11:32:27.18	6.129	-82.349	10	5.8
28	JUN	1992	11:57:34.12	34.201	-116.436	1	6.2
10	JUL	1992	09:31:27.59	44.695	149.482	19	6.2
12	JUL	1992	11:08:55.36	41.457	142.031	63	6
13	JUL	1992	18:11:33.71	-3.919	-76.602	96	6.1
17	JUL	1992	04:19:28.65	44.809	150.286	18	5.9
18	JUL	1992	08:36:58.70	39.419	143.33	28	6.2
18	JUL	1992	13:56:54.48	39.48	142.956	27	5.8
25	JUL	1992	02:53:28.33	38.731	143.012	17	5.9
29	JUL	1992	04:30:47.72	39.495	143.501	15	5.9
30	JUL	1992	08:24:46.65	29.584	90.163	14	5.9
7	AUG	1992	18:19:20.44	57.589	-142.846	13	6.3
11	AUG	1992	15:14:55.13	32.536	141.641	15	5.8
19	AUG	1992	00:57:40.27	50.502	-174.922	9	6.2
19	AUG	1992	02:04:37.41	42.142	73.575	27	6.6
24	AUG	1992	06:59:39.91	41.977	140.66	120	6.2
28	AUG	1992	18:18:46.44	-0.965	-13.562	15	6.3
29	AUG	1992	19:19:05.59	33.19	137.975	289	6
11	SEP	1992	03:57:26.50	-6.087	26.651	10	6.7
27	SEP	1992	17:48:13.03	53.933	-157.299	33	5.8
28	SEP	1992	14:06:02.64	24.121	122.648	29	5.8
30	SEP	1992	03:27:59.14	51.41	-178.63	26	5.9
30	SEP	1992	05:34:00.30	51.281	-178.037	33	6.1
1	OCT	1992	05:02:34.19	51.123	-177.997	14	5.9
17	OCT	1992	08:32:40.51	6.845	-76.806	14	6.2
18	OCT	1992	15:11:59.11	7.075	-76.862	10	6.6
30	OCT	1992	02:49:48.17	29.941	138.975	393	6
30	NOV	1992	09:32:37.57	35.692	-34.584	19	6.1
15	JAN	1993	11:06:05.95	43.3	143.691	102	6.9
7	FEB	1993	13:27:42.01	37.634	137.245	10	6.3
25	MAR	1993	07:08:18.93	41.8	143.467	33	5.8
6	MAY	1993	13:03:18.11	-8.472	-71.485	572	5.8
13	MAY	1993	11:59:49.25	55.177	-160.458	32	6.4
15	MAY	1993	03:12:32.72	16.698	-98.395	20	6.1
15	MAY	1993	21:52:25.34	51.374	-178.669	32	6.2
17	MAY	1993	23:20:49.22	37.171	-117.775	6	6
18	MAY	1993	10:19:33.78	19.914	122.45	168	6.4
25	MAY	1993	23:16:43.44	55.021	-160.513	36	6.2
29	MAY	1993	06:50:13.42	19.072	-26.476	12	5.9
8	JUN	1993	13:03:36.48	51.218	157.829	70	6.4
12	JUN	1993	20:33:25.70	51.259	157.692	44	5.9
12	JUL	1993	13:17:11.96	42.851	139.197	16	6.6
22	JUL	1993	04:57:07.05	6.47	-71.21	20	6.1
4	AUG	1993	11:31:18.03	-1.629	99.615	31	5.9
7	AUG	1993	00:00:37.07	26.585	125.612	155	6
7	AUG	1993	19:42:41.91	41.985	139.839	13	6.2
9	AUG	1993	11:38:30.53	36.436	70.711	204	5.8
9	AUG	1993	12:42:48.19	36.379	70.868	214	6.2
28	AUG	1993	20:14:45.87	6.571	94.668	132	5.8
1	SEP	1993	11:48:38.44	-4.331	102.567	71	5.8
1	SEP	1993	14:03:19.16	2.986	96.122	34	5.9
3	SEP	1993	12:35:00.27	14.523	-92.713	26	5.8
4	SEP	1993	11:38:38.93	36.429	70.812	194	5.9
10	SEP	1993	19:12:54.62	14.717	-92.645	34	6.2
16	SEP	1993	00:59:26.40	44.533	149.036	33	5.8
18	SEP	1993	05:02:27.01	36.421	71.592	112	6.1
20	SEP	1993	10:17:42.06	0.75	-29.354	10	5.8

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
29	SEP	1993	22:25:48.62	18.066	76.451	6	6.3
30	SEP	1993	18:27:50.81	15.417	-94.698	19	5.8
2	OCT	1993	08:42:32.71	38.19	88.663	14	6.2
11	OCT	1993	15:54:21.24	32.02	137.832	350	6.4
24	OCT	1993	07:52:15.63	16.755	-98.717	20	6.3
26	OCT	1993	11:38:21.96	38.477	98.655	8	5.9
11	NOV	1993	00:28:33.54	50.2	-177.446	18	6.3
13	NOV	1993	01:18:04.18	51.934	158.647	34	6.5
17	JAN	1994	12:30:55.39	34.213	-118.537	18	6.4
23	FEB	1994	08:02:04.72	30.853	60.596	6	6.1
24	FEB	1994	00:11:12.32	30.775	60.495	9	6.1
1	MAR	1994	03:49:00.83	29.096	52.617	12	5.8
14	MAR	1994	04:30:15.75	-1.278	-23.569	10	6.2
14	MAR	1994	20:51:24.96	15.994	-92.428	164	5.8
8	APR	1994	01:10:40.84	40.608	143.683	13	6
10	APR	1994	23:45:55.76	23.71	126.852	10	5.9
1	MAY	1994	12:00:35.76	36.901	67.163	18	6
2	MAY	1994	17:14:00.88	-1.116	97.487	15	6.2
3	MAY	1994	16:36:43.65	10.241	-60.758	36	5.8
7	MAY	1994	08:31:37.68	52.958	159.99	49	5.9
11	MAY	1994	08:18:15.67	-2.007	99.77	20	6
18	MAY	1994	03:54:00.55	44.727	149.401	26	6
23	MAY	1994	01:41:42.29	18.165	-100.527	55	6
23	MAY	1994	15:16:57.16	24.065	122.56	25	6
24	MAY	1994	04:00:42.18	23.959	122.448	16	6.2
24	MAY	1994	21:13:19.33	56.17	161.169	95	5.9
29	MAY	1994	14:11:50.96	20.556	94.16	35	6.2
31	MAY	1994	17:41:55.58	7.414	-72.033	11	6.3
5	JUN	1994	01:09:30.15	24.511	121.905	11	6.1
6	JUN	1994	20:47:40.53	2.917	-76.057	12	6.4
9	JUN	1994	00:33:16.23	-13.841	-67.553	631	7
20	JUN	1994	09:09:02.91	28.968	52.614	8	5.9
29	JUN	1994	18:22:33.58	32.567	93.673	9	5.9
30	JUN	1994	09:23:21.35	36.326	71.13	226	6.1
1	JUL	1994	10:12:41.21	40.232	53.383	40	6
4	JUL	1994	21:36:41.96	14.888	-97.322	14	6.1
21	JUL	1994	18:36:31.74	42.34	132.865	471	6.5
29	JUL	1994	00:17:45.41	52.398	-168.333	11	6
2	AUG	1994	14:17:52.19	52.428	158.044	144	6
8	AUG	1994	21:08:31.66	24.721	95.2	121	6
14	AUG	1994	00:46:20.44	44.709	150.103	16	6
16	AUG	1994	10:09:32.84	37.842	142.462	19	5.9
18	AUG	1994	00:45:47.20	-7.433	31.751	25	6
18	AUG	1994	04:42:57.38	44.767	150.158	14	6.2
20	AUG	1994	02:21:11.09	44.606	149.325	22	6
20	AUG	1994	04:38:50.57	44.656	149.176	24	6.2
21	AUG	1994	15:55:59.21	56.761	117.9	12	5.8
28	AUG	1994	18:37:20.67	44.783	150.061	18	6.1
30	AUG	1994	06:13:35.83	44.737	150.117	50	6.2
31	AUG	1994	09:07:25.93	43.719	146.013	76	6
1	SEP	1994	15:15:53.08	40.402	-125.68	10	6.6
13	SEP	1994	04:28:01.02	29.287	129.91	34	5.8
13	SEP	1994	10:01:32.09	7.054	-76.678	13	5.8
16	SEP	1994	06:20:18.74	22.528	118.711	13	6.5
4	OCT	1994	13:22:55.84	43.773	147.321	14	7.3
5	OCT	1994	20:37:29.31	43.592	147.449	13	5.8
9	OCT	1994	07:55:39.58	43.905	147.916	33	6.5
16	OCT	1994	05:10:00.93	45.749	149.167	116	6.4

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
18	OCT	1994	17:12:50.92	43.576	147.097	60	6.2
25	OCT	1994	00:54:34.30	36.359	70.957	238	5.9
9	NOV	1994	18:21:02.68	43.556	147.144	53	6.2
14	NOV	1994	19:15:30.66	13.525	121.067	31	6.1
15	NOV	1994	20:39:37.25	47.451	154.927	12	5.8
10	DEC	1994	16:17:38.51	18.136	-101.384	48	6.6
28	DEC	1994	12:19:23.03	40.525	143.419	26	6.4
1	JAN	1995	06:59:55.95	40.701	143.549	15	5.8
6	JAN	1995	22:37:34.32	40.246	142.175	26	6.7
7	JAN	1995	02:36:06.77	40.258	142.364	32	6.3
16	JAN	1995	20:46:52.12	34.583	135.018	21	6.3
19	JAN	1995	15:05:03.41	5.05	-72.916	17	6.3
21	JAN	1995	08:47:29.64	43.377	146.72	58	6.5
8	FEB	1995	18:40:25.38	4.104	-76.622	73	6.3
14	FEB	1995	20:47:40.47	44.022	148.031	32	5.9
19	FEB	1995	04:03:16.19	40.556	-125.539	10	6
21	FEB	1995	02:09:50.94	46.012	151.527	31	5.8
8	MAR	1995	03:45:58.69	16.562	-59.559	8	6.3
11	MAR	1995	15:21:10.89	44.07	148.079	33	5.9
31	MAR	1995	14:01:40.08	38.212	135.012	354	6
8	APR	1995	17:45:12.92	21.833	142.691	267	6.4
17	APR	1995	07:14:35.22	33.763	-38.576	10	5.8
17	APR	1995	23:28:06.89	45.928	151.283	23	6.1
19	APR	1995	03:50:04.61	44.046	148.144	26	5.9
21	APR	1995	00:09:54.36	12.011	125.656	20	6.2
23	APR	1995	02:55:55.11	51.334	179.714	16	6.2
23	APR	1995	05:08:01.97	12.39	125.396	24	6.1
28	APR	1995	16:30:00.70	44.072	148.004	28	6.5
2	MAY	1995	06:06:05.69	-3.792	-76.917	97	6.5
5	MAY	1995	03:53:45.05	12.626	125.297	16	6.2
6	MAY	1995	01:59:07.13	24.987	95.294	117	6.4
18	MAY	1995	00:06:27.46	-0.893	-21.996	12	6.2
27	MAY	1995	13:03:52.65	52.629	142.827	11	6.7
25	JUN	1995	06:59:06.24	24.6	121.7	52	5.8
27	JUN	1995	10:09:58.06	18.835	-81.719	10	5.8
29	JUN	1995	07:45:09.94	48.793	154.446	64	5.9
30	JUN	1995	11:58:56.88	24.688	-110.228	10	5.9
7	JUL	1995	21:15:19.70	33.972	137.127	333	5.8
8	JUL	1995	05:42:53.09	39.678	143.352	11	5.9
8	JUL	1995	17:15:25.76	53.578	-163.74	21	6
11	JUL	1995	21:46:39.78	21.966	99.196	12	6.1
12	JUL	1995	18:38:49.83	12.324	125.058	34	5.9
27	JUL	1995	05:51:18.94	-12.59	79.228	16	6.2
19	AUG	1995	21:43:31.92	5.139	-75.577	119	6.2
6	SEP	1995	22:48:49.60	14.943	-94.253	12	5.8
14	SEP	1995	14:04:31.43	16.779	-98.597	23	6.4
3	OCT	1995	01:51:23.90	-2.75	-77.881	24	6.5
3	OCT	1995	12:44:58.09	-2.778	-77.851	16	6
6	OCT	1995	18:09:45.90	-2.045	101.436	33	5.8
8	OCT	1995	08:55:45.82	41.048	72.153	14	5.9
9	OCT	1995	15:35:53.91	19.055	-104.205	33	6.6
18	OCT	1995	10:37:26.38	27.929	130.175	28	6.4
19	OCT	1995	02:41:36.19	28.094	130.147	19	6.3
21	OCT	1995	02:38:57.12	16.84	-93.469	159	6.3
5	NOV	1995	16:29:58.35	-4.92	103.22	36	6.4
8	NOV	1995	07:14:18.61	1.833	95.05	33	6.2
24	NOV	1995	17:24:11.87	44.537	149.103	27	6.1
27	NOV	1995	15:52:56.91	44.568	149.143	20	6

continued on next page

Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
30	NOV	1995	23:37:36.39	44.473	149.342	23	5.9
2	DEC	1995	17:13:18.63	44.505	149.237	18	6
3	DEC	1995	18:01:08.99	44.663	149.3	33	6.6
7	DEC	1995	19:30:24.23	44.907	149.527	27	6
30	DEC	1995	12:11:05.66	40.752	143.339	22	5.8
31	JAN	1996	20:30:42.37	44.468	149.37	20	5.9
1	FEB	1996	07:18:04.23	44.853	146.273	170	5.8
3	FEB	1996	11:14:20.12	27.291	100.276	11	6.4
7	FEB	1996	21:36:46.30	45.324	149.892	42	6.3
14	FEB	1996	20:31:07.06	45.46	150.374	36	5.8
16	FEB	1996	09:44:58.41	-1.496	-15.279	10	6.2
16	FEB	1996	15:22:58.83	37.353	142.38	40	6.3
18	FEB	1996	23:49:28.16	-1.266	-14.273	10	6.3
22	FEB	1996	14:59:08.98	45.263	148.542	124	6.3
25	FEB	1996	03:08:15.87	15.978	-98.07	21	6.1
5	MAR	1996	14:52:28.68	24.092	122.215	29	6.1
16	MAR	1996	22:04:06.24	28.983	138.944	477	5.9
28	MAR	1996	07:28:28.12	11.919	57.805	10	5.8
28	MAR	1996	23:03:49.81	-1.036	-78.737	33	5.8
30	MAR	1996	13:05:17.43	52.214	-168.734	33	5.9
7	MAY	1996	23:20:00.68	43.708	147.607	53	6.2
2	JUN	1996	02:52:09.55	10.797	-42.254	10	6.1
2	JUN	1996	09:37:46.48	27.424	128.483	41	5.8
8	JUN	1996	23:19:15.17	51.491	-178.128	33	5.9
10	JUN	1996	04:03:35.48	51.564	-177.632	33	6.6
10	JUN	1996	15:24:56.00	51.478	-176.847	26	5.9
11	JUN	1996	18:22:55.73	12.614	125.154	33	6
21	JUN	1996	13:57:10.02	51.568	159.119	20	6
6	JUL	1996	21:36:28.72	21.968	142.83	241	5.8
16	JUL	1996	03:48:28.34	56.084	164.998	33	5.8
30	JUL	1996	17:38:30.71	14.509	119.954	33	6.1
10	AUG	1996	18:12:17.35	38.909	140.53	10	6
5	SEP	1996	23:42:06.15	21.898	121.498	20	6.4
11	SEP	1996	02:37:14.99	35.537	140.943	55	6.1
24	SEP	1996	11:42:18.87	15.191	-61.443	146	6
1	OCT	1996	15:50:23.66	12.434	58.066	10	5.8
2	OCT	1996	09:48:01.56	11.761	125.484	33	6
2	OCT	1996	11:24:48.42	45.133	151.168	33	6.1
6	OCT	1996	20:13:09.18	49.047	-127.88	10	5.8
18	OCT	1996	10:50:20.86	30.568	131.093	10	6
19	OCT	1996	14:44:40.79	31.885	131.468	22	6.3
24	OCT	1996	19:31:53.93	66.986	-173.229	19	6
4	NOV	1996	17:24:57.43	7.306	-77.393	14	6
6	NOV	1996	20:00:58.85	27.999	143.538	9	6.4
19	NOV	1996	10:44:46.06	35.345	78.133	33	6.1
2	DEC	1996	22:17:59.24	31.789	131.314	49	6
9	DEC	1996	11:28:48.61	29.85	-42.855	10	5.9
10	DEC	1996	08:36:18.70	0.87	-30.039	10	6
22	DEC	1996	14:53:27.62	43.207	138.92	226	6
11	JAN	1997	20:28:26.02	18.219	-102.756	33	6.5
17	JAN	1997	15:53:13.43	28.814	129.953	33	5.9
4	FEB	1997	10:37:47.14	37.661	57.291	10	5.9
27	FEB	1997	21:08:02.36	29.976	68.208	33	6.3
28	FEB	1997	11:32:18.98	43.921	147.876	33	6.1
17	MAR	1997	08:05:48.41	-6.614	105.514	33	5.8
26	MAR	1997	02:08:57.27	51.277	179.533	33	6
8	APR	1997	18:07:09.57	18.315	120.953	70	6
11	APR	1997	05:34:42.78	39.527	76.941	15	5.8

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Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
22	APR	1997	09:31:23.25	11.112	-60.892	5	6
1	MAY	1997	11:37:36.15	18.993	-107.35	33	6.1
8	MAY	1997	13:29:24.60	51.717	-170.799	33	5.8
10	MAY	1997	07:57:29.72	33.825	59.809	10	6.4
13	MAY	1997	14:13:45.74	36.411	70.945	196	6.1
21	MAY	1997	22:51:28.73	23.083	80.041	36	6
22	MAY	1997	07:50:53.52	18.684	-101.604	70	5.9
17	JUN	1997	21:03:40.26	51.347	-179.332	33	6.4
8	JUL	1997	02:24:07.32	23.799	142.696	33	5.8
9	JUL	1997	19:24:13.17	10.598	-63.486	19	6.2
14	JUL	1997	16:09:35.52	43.249	146.381	33	5.9
13	AUG	1997	04:45:04.86	25.03	125.77	55	6
20	AUG	1997	07:15:15.97	4.358	96.494	33	5.9
2	SEP	1997	12:13:22.92	3.849	-75.749	198	6.5
28	OCT	1997	06:15:19.20	-4.34	-76.71	130	6.5
8	NOV	1997	10:02:52.61	35.069	87.325	33	6.2
9	NOV	1997	22:56:44.80	13.85	-88.85	196	5.5
10	NOV	1997	23:06:44.30	31.187	140.486	86	5.8
15	NOV	1997	07:05:16.64	43.813	145.019	161	5.8
23	NOV	1997	03:51:01.70	39.96	138.82	33	5.8
28	NOV	1997	22:53:42.30	-13.55	-68.76	587	6.3
5	DEC	1997	11:26:55.00	54.89	162.11	33	6.3
5	DEC	1997	18:48:22.79	53.752	161.746	33	6.2
11	DEC	1997	07:56:28.85	3.929	-75.787	177	6
17	DEC	1997	04:38:53.30	51.19	178.89	33	5.8
10	JAN	1998	08:20:05.20	14.22	-91.59	33	6.3
3	FEB	1998	03:02:00.80	16.02	-96.24	33	5.9
14	MAR	1998	19:40:27.10	30.15	57.57	9	5.9
21	MAR	1998	16:33:11.70	80.02	1.79	10	5.9
21	MAR	1998	18:22:28.10	36.45	70.13	225	5.8
22	MAR	1998	01:08:57.50	-11.39	66.26	10	5.4
29	MAR	1998	07:14:58.50	-0.33	-17.88	10	5.5
1	APR	1998	17:56:20.70	-0.5	99.28	33	6.2
10	APR	1998	16:40:37.70	-1.5	-15.59	10	5.4
3	MAY	1998	23:30:22.00	22.3	125.3	33	6.4
10	MAY	1998	06:05:58.70	13.63	-90.85	33	5.4
14	MAY	1998	18:56:23.30	40.25	143.25	33	5.6
27	MAY	1998	20:41:34.50	52.16	159.55	33	5.4
28	MAY	1998	21:11:43.80	37.29	78.9	33	5.3
9	JUL	1998	05:19:07.50	38.73	-28.6	10	5.7
27	OCT	2000	04:21:51.06	26.266	140.46	388	6.3
8	NOV	2000	06:59:58.086	7.042	-77.829	17	6.5
8	NOV	2000	18:36:21.07	23.251	124.15	14	5.7
13	NOV	2000	15:57:21.061	42.489	144.765	33	6
4	DEC	2000	04:43:09.059	14.876	-93.944	33	6.1
6	DEC	2000	17:11:06.04	39.566	54.799	30	7.5
22	DEC	2000	10:13:01.011	44.79	147.196	140	6.3
10	JAN	2001	16:02:44.023	57.078	-153.211	33	7
13	JAN	2001	17:33:32.038	13.049	-88.66	60	7.7
16	JAN	2001	13:25:01.008	-3.957	101.746	33	0
26	JAN	2001	03:16:40.05	23.419	70.232	16	7.7
28	JAN	2001	01:02:10.07	23.507	70.517	10	5.8
1	FEB	2001	18:19:30.039	51.437	-177.797	33	6
13	FEB	2001	19:28:30.026	-4.68	102.562	36	7.4
25	FEB	2001	02:21:59.059	36.424	70.881	202	6.2
28	FEB	2001	18:54:32.083	47.149	-122.727	51	6.8
15	MAR	2001	01:22:43.037	8.656	94.013	33	6
23	MAR	2001	11:30:10.052	44.071	148.054	33	6

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Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
24	MAR	2001	06:27:53.058	34.083	132.526	50	6.8
14	APR	2001	23:27:26.066	30.092	141.768	10	6
17	APR	2001	21:54:02.06	51.239	-179.78	33	5.9
9	MAY	2001	15:47:36.075	53.641	-164.319	42	5.5
20	MAY	2001	04:21:43.082	18.816	-104.446	33	6.3
25	MAY	2001	00:40:50.06	44.268	148.393	33	6.7
10	JUN	2001	01:52:08.001	39.873	53.89	34	5.4
13	JUN	2001	13:17:55.015	24.463	122.397	77	5.6
14	JUN	2001	02:35:25.081	24.513	122.033	32	5.9
14	JUN	2001	19:48:47.085	51.16	-179.828	18	6.5
15	JUN	2001	16:19:07.061	13.903	51.679	10	6
20	JUN	2001	00:04:30.082	45.522	152.036	33	5.7
24	JUN	2001	13:18:51.071	44.189	148.51	33	6
26	JUN	2001	14:05:37.00	61.34	-140.07	10	5.7
3	JUL	2001	13:10:42.06	21.641	142.984	290	6.5
4	JUL	2001	12:09:03.084	-17.003	-65.711	33	6.2
12	JUL	2001	06:12:16.079	-7.429	-13.378	10	5.7
19	JUL	2001	18:00:40.038	57.203	-151.036	33	5.9
28	JUL	2001	07:32:43.001	59.025	-155.116	131	6.8
2	AUG	2001	23:41:06.017	56.26	163.79	14	6.3
13	AUG	2001	20:11:23.04	41.046	142.308	38	6.4
17	AUG	2001	22:25:49.001	25.748	126.19	33	5.9
20	AUG	2001	04:12:37.047	25.653	126.208	33	5.4
25	AUG	2001	02:02:02.05	7.633	-82.766	24	6.1
1	SEP	2001	13:08:11.061	47.325	142.551	10	5.2
2	SEP	2001	02:25:54.009	0.889	82.501	10	6.1
7	SEP	2001	02:45:59.00	-13.166	97.297	10	5.9
12	SEP	2001	22:23:44.009	27.692	141.907	33	5.7
14	SEP	2001	04:45:08.00	48.69	-128.71	10	6
8	OCT	2001	18:14:26.044	52.591	160.324	48	6.5
8	OCT	2001	18:20:38.025	52.631	160.214	33	6.4
12	OCT	2001	05:02:34.00	52.63	-132.2	20	6.1
31	OCT	2001	22:04:32.035	5.361	94.359	33	5.7
9	NOV	2001	00:47:55.002	9.643	-82.3	10	6.1
14	NOV	2001	09:26:10.001	35.946	90.541	10	7.8
18	NOV	2001	21:59:52.053	35.726	93.691	10	5.6
19	NOV	2001	17:45:23.045	35.763	93.672	10	5.4
23	NOV	2001	20:43:03.055	36.392	71.506	106	6.1
28	NOV	2001	14:32:32.072	15.571	-93.106	84	6.4
2	DEC	2001	13:01:53.067	39.402	141.089	123	6.5
8	DEC	2001	20:29:34.023	28.251	129.574	33	6.2
18	DEC	2001	04:02:58.028	23.954	122.734	14	6.8
23	DEC	2001	10:21:28.025	27.871	141.75	35	5.9
3	JAN	2002	07:05:27.067	36.088	70.687	129	6.2
16	JAN	2002	23:09:52.008	15.502	-93.133	80	6.4
1	FEB	2002	21:55:20.099	45.464	136.719	355	5.9
3	MAR	2002	12:08:19.074	36.502	70.482	225	7.4
14	MAR	2002	16:08:31.04	51.531	-173.083	33	5.9
17	MAR	2002	03:57:47.03	51.464	-173.275	33	5.5
31	MAR	2002	06:52:50.049	24.279	122.179	32	7.1
12	APR	2002	04:00:23.074	35.959	69.417	10	5.9
26	APR	2002	07:15:11.05	53.508	160.632	62	5.8
8	MAY	2002	19:45:18.086	53.813	160.774	39	5.9
21	MAY	2002	20:04:16.016	44.43	146.619	149	5.5
25	MAY	2002	05:36:31.097	53.815	-161.116	33	6.5
28	MAY	2002	16:45:17.01	24.069	122.264	33	6
12	JUN	2002	19:52:47.036	-0.676	-20.722	10	5.5
22	JUN	2002	02:58:21.03	35.626	49.047	10	6.5

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Day	Month	Year	UTM Time	Lat [°]	Lon [°]	Depth [km]	Magnitude
28	JUN	2002	17:19:30.027	43.752	130.666	566	7.3
11	JUL	2002	07:36:26.006	24.075	122.288	43	5.8
23	JUL	2002	20:05:31.088	37.251	142.216	33	5.6
25	JUL	2002	12:31:01.044	43.661	147.548	33	5.7
31	JUL	2002	00:16:44.061	7.929	-82.793	10	6.5
2	AUG	2002	23:11:39.013	29.28	138.97	426	6.3
13	AUG	2002	08:37:22.077	14.749	55.85	10	5.8
28	AUG	2002	17:05:33.085	22.115	121.577	33	5.6
30	AUG	2002	05:58:21.005	44.479	149.081	31	5.5
13	SEP	2002	22:28:29.046	13.036	93.068	21	6.5
14	SEP	2002	19:58:36.095	13.055	93.157	33	5.8
15	SEP	2002	08:39:32.07	44.833	129.923	586	6.4
25	SEP	2002	22:28:11.092	31.995	49.329	10	5.6
12	OCT	2002	20:09:11.046	-8.295	-71.738	534	6.9
14	OCT	2002	14:12:43.075	41.174	142.249	61	6.1
16	OCT	2002	10:12:21.043	51.952	157.323	102	6.2
23	OCT	2002	11:27:19.043	63.514	-147.912	4	6.7
24	OCT	2002	06:08:37.098	-1.884	29.004	11	6.2
24	OCT	2002	21:53:43.019	6.03	94.419	64	5.7
2	NOV	2002	01:26:10.07	2.824	96.085	30	7.4
2	NOV	2002	09:46:46.07	2.954	96.394	27	6.4
3	NOV	2002	03:37:42.007	38.886	141.977	39	6.4
3	NOV	2002	22:12:41.00	63.517	-147.444	4	7.9
7	NOV	2002	15:14:06.076	51.197	179.334	33	6.6
17	NOV	2002	04:53:48.046	47.946	146.419	470	7.3
20	NOV	2002	21:32:30.081	35.414	74.515	33	6.4
26	NOV	2002	00:48:15.004	51.465	-173.537	20	6.1
28	DEC	2002	09:36:08.048	51.429	-168.526	10	5.8
22	JAN	2003	02:06:34.061	18.77	-104.104	24	7.6
19	FEB	2003	03:32:36.036	53.645	-164.643	19	6.6
24	FEB	2003	02:03:41.045	39.61	77.23	11	6.4
2	MAR	2003	16:42:56.033	-36.958	-20.879	10	6.2
15	MAR	2003	19:41:28.07	52.249	160.387	30	6
17	MAR	2003	16:36:17.031	51.272	177.978	33	7
19	MAR	2003	14:43:36.029	52.207	160.716	33	6.2

B.3 Teleseismic events used for S receiver function analysis

The following events were used for *S* receiver function analysis. The events written in red correspond to the operative period of the BOHEMA experiment and correspond to the red dots in Figure 3.4. The other events were recorded by permanent stations or stations by *Geissler et al.* (2005) before and after the BOHEMA experiment.

Day	Month	Year	UTM time	Lat [°]	Lon [°]	Depth	Magnitude
21	JAN	1995	08:47:29.70	43.28	146.71	65	6.6
8	MAR	1995	03:45:59.00	16.59	-59.54	10	6.2
31	MAR	1995	14:01:41.20	38.11	135.12	368	6
23	APR	1995	02:55:54.70	51.36	179.66	16	6.2
6	MAY	1995	01:59:07.10	25.01	95.35	119	6.3
27	MAY	1995	13:03:55.50	52.53	142.85	33	6.6
7	JUL	1995	21:15:18.60	33.96	137.13	325	5.8
8	JUL	1995	17:15:29.00	53.75	-163.37	33	5.7
9	JUL	1995	20:31:32.00	21.96	99.21	12	5.7
21	JUL	1995	22:44:07.40	36.32	103.16	33	5.7
19	AUG	1995	21:43:31.092	5.139	-75.577	119	6.7
18	OCT	1995	10:37:26.038	27.929	130.175	28	7.1
18	OCT	1995	23:25:58.077	28.203	130.211	27	6.1
19	OCT	1995	00:32:06.044	28.164	130.156	33	6.3
19	OCT	1995	02:41:36.019	28.094	130.148	19	6.8
23	OCT	1995	22:46:50.081	26.003	102.227	10	6.5
8	NOV	1995	07:14:18.061	1.833	95.05	33	7.1
24	NOV	1995	17:24:12.00	44.39	149.13	33	6.1
27	NOV	1995	15:52:56.091	44.568	149.143	20	6.3
30	NOV	1995	15:09:22.049	44.277	145.619	136	6
30	NOV	1995	23:37:36.039	44.473	149.342	23	6.3
2	DEC	1995	17:13:18.70	44.49	149.34	19	6
3	DEC	1995	18:01:08.099	44.663	149.3	33	7.9
7	DEC	1995	05:12:22.40	44.5	149.39	33	5.8
7	DEC	1995	19:30:24.023	44.907	149.527	27	6
10	DEC	1995	22:23:12.035	44.351	149.742	16	6.4
31	JAN	1996	20:30:42.037	44.468	149.37	20	6
1	FEB	1996	07:18:04.023	44.853	146.273	170	6.2
3	FEB	1996	11:14:20.012	27.291	100.276	11	6.6
7	FEB	1996	21:36:46.03	45.324	149.892	42	7.2
16	FEB	1996	15:22:58.083	37.353	142.38	40	6.7
22	FEB	1996	14:59:08.098	45.263	148.542	124	6.3
5	MAR	1996	14:52:28.068	24.092	122.215	29	6.3
22	MAR	1996	03:24:20.001	51.221	178.695	20	6.8
30	MAR	1996	13:05:17.043	52.214	-168.734	33	6.3
16	JAN	1999	10:44:39.049	56.23	-147.43	21	6
24	JAN	1999	00:37:04.063	30.62	131.09	33	6.4
25	JAN	1999	18:19:16.087	4.46	-75.72	17	6.4
28	JAN	1999	08:10:05.042	52.89	-169.12	67	6.6
8	MAR	1999	12:25:48.099	52.06	159.52	56	7
18	MAR	1999	17:55:43.024	41.1	142.97	41	6
20	MAR	1999	10:47:45.093	51.59	-177.67	33	7
8	APR	1999	13:10:34.008	43.61	130.35	565	7.1
7	MAY	1999	14:13:52.036	56.42	-152.94	20	6.2
8	MAY	1999	19:44:35.095	45.45	151.63	62	6.2
12	MAY	1999	17:59:22.04	43.03	143.84	102	6.5
2	JUL	1999	11:45:31.029	49.37	-129.2	10	6.4
7	JUL	1999	18:52:57.002	49.23	155.56	33	6.1

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Day	Month	Year	UTM time	Lat [°]	Lon [°]	Depth	Magnitude
11	JUL	1999	14:14:16.053	15.78	-88.33	10	7
29	AUG	1999	00:46:13.046	3.1	65.86	10	6
18	SEP	1999	21:28:33.017	51.21	157.56	60	6
20	SEP	1999	17:47:18.049	23.77	120.98	33	7.7
20	SEP	1999	18:03:44.029	23.57	121.3	33	6.6
20	SEP	1999	21:46:42.087	23.39	120.96	33	6.5
22	SEP	1999	00:14:39.015	23.73	121.17	26	6.4
25	SEP	1999	23:52:48.066	23.74	121.16	17	6.5
28	SEP	1999	05:00:42.096	54.59	168.26	33	6.2
13	OCT	1999	01:33:40.013	54.66	-161.19	30	6.4
16	OCT	1999	09:46:44.013	34.59	-116.27	0	7.4
24	OCT	1999	04:21:41.011	44.61	149.44	33	6.4
1	NOV	1999	17:53:00.012	23.38	121.52	33	6.3
11	NOV	1999	02:41:05.007	49.31	155.63	33	6.4
15	NOV	1999	05:42:43.022	-1.34	88.98	10	7.7
26	NOV	1999	00:29:00.027	55.13	165.36	33	6
29	NOV	1999	03:46:30.018	-1.27	89.04	10	6.9
1	DEC	1999	19:23:06.001	17.65	-82.36	10	6.3
6	DEC	1999	23:12:33.092	57.41	-154.49	66	7
7	DEC	1999	00:19:49.061	57.36	-154.51	40	6.5
6	JAN	2000	10:42:25.00	58.04	-136.87	1	6.2
28	JAN	2000	14:21:07.034	43.05	146.84	61	6.8
3	FEB	2000	10:24:59.003	65.01	-154.24	7	6.1
26	FEB	2000	18:24:39.022	9.41	-78.53	65	6.1
7	APR	2000	19:08:27.083	-18.05	65.52	10	6.3
21	APR	2000	04:35:17.069	51.42	-178.14	33	6.2
2	JUN	2000	11:13:49.038	44.51	-130.08	10	6.5
3	JUN	2000	08:54:49.02	35.55	140.46	62	6.2
6	JUN	2000	14:57:02.022	29.42	131.42	33	6.4
7	JUN	2000	21:46:55.09	26.86	97.24	33	6.5
10	JUN	2000	18:23:29.032	23.84	121.22	33	6.4
15	JUN	2000	11:10:46.021	29.37	132.08	10	6.1
25	JUN	2000	06:34:42.088	31.18	131.21	10	6
1	JUL	2000	07:01:55.058	34.22	139.13	10	6.8
7	JUL	2000	15:46:44.056	51.41	179.98	31	6.4
8	JUL	2000	18:57:44.047	34.05	139.13	10	6.6
10	JUL	2000	09:58:18.099	46.83	145.42	359	6.1
11	JUL	2000	01:32:28.052	57.37	-154.21	43	6.8
15	JUL	2000	01:30:30.05	34.32	139.26	10	6.1
20	JUL	2000	18:39:18.082	36.51	140.98	47	6.2
30	JUL	2000	12:25:45.057	33.9	139.38	10	7.1
4	AUG	2000	21:13:02.071	48.79	142.25	10	7.1
19	AUG	2000	17:26:27.094	43.82	147.17	62	6
1	SEP	2000	11:56:51.083	1.44	96.59	33	6
12	SEP	2000	00:27:58.062	35.39	99.34	10	6.3
2	OCT	2000	02:25:31.031	-7.98	30.71	34	6.7
3	OCT	2000	04:13:30.049	40.28	143.12	33	6.3
4	OCT	2000	14:37:44.015	11.12	-62.56	110	6.2
6	OCT	2000	04:30:19.015	35.46	133.13	10	7.4
8	NOV	2000	06:59:58.086	7.04	-77.83	17	6.5
13	NOV	2000	15:57:21.061	42.49	144.76	33	6
29	NOV	2000	10:35:48.011	63.88	-150.15	22	6
22	DEC	2000	10:13:01.011	44.79	147.2	140	6.3
10	JAN	2001	16:02:44.023	57.08	-153.21	33	7
11	JAN	2001	00:04:03.00	48.89	-129.31	10	6
1	FEB	2001	18:19:30.039	51.44	-177.8	33	6
17	FEB	2001	20:11:30.00	53.92	-133.61	20	6.2
24	FEB	2001	21:53:54.019	37.22	142.15	33	5.9

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Day	Month	Year	UTM time	Lat [°]	Lon [°]	Depth	Magnitude
26	FEB	2001	05:58:22.043	46.81	144.52	392	6.1
28	FEB	2001	18:54:32.083	47.15	-122.73	51	6.8
7	MAR	2001	18:10:58.065	-6.81	-12.91	10	6
15	MAR	2001	01:22:43.037	8.66	94.01	33	6
23	MAR	2001	11:30:10.052	44.07	148.05	33	6
24	MAR	2001	06:27:53.058	34.08	132.53	50	6.8
25	APR	2001	14:40:06.004	32.82	132.02	33	5.7
26	APR	2001	17:48:57.047	43.1	145.92	86	6
25	MAY	2001	00:40:50.06	44.27	148.39	33	6.7
14	JUN	2001	02:35:25.081	24.51	122.03	32	5.9
14	JUN	2001	19:48:47.085	51.16	-179.83	18	6.5
20	JUN	2001	00:04:30.082	45.52	152.04	33	5.7
24	JUN	2001	13:18:51.071	44.19	148.51	33	6
26	JUN	2001	14:05:37.00	61.34	-140.07	10	5.8
5	JUL	2001	01:41:18.009	32.16	139.58	33	5.7
19	JUL	2001	18:00:40.038	57.2	-151.04	33	5.9
28	JUL	2001	07:32:43.001	59.03	-155.12	131	6.8
2	AUG	2001	23:41:06.017	56.26	163.79	14	6.3
5	AUG	2001	05:16:16.089	12.22	93.35	96	5.9
13	AUG	2001	20:11:23.04	41.05	142.31	38	6.4
2	SEP	2001	02:25:54.009	0.89	82.5	10	6.1
14	SEP	2001	04:45:08.00	48.69	-128.71	10	6
16	SEP	2001	23:20:09.00	48.54	-128.6	10	5.8
8	OCT	2001	18:14:26.044	52.59	160.32	48	6.5
9	OCT	2001	23:53:37.003	47.76	155.1	33	6.5
12	OCT	2001	05:02:34.00	52.63	-132.2	20	6.1
17	OCT	2001	11:29:09.092	19.35	-64.93	33	6
31	OCT	2001	22:04:32.035	5.36	94.36	33	5.7
2	DEC	2001	13:01:53.067	39.4	141.09	123	6.5
8	DEC	2001	20:29:34.023	28.25	129.57	33	6.2
18	DEC	2001	04:02:58.028	23.95	122.73	14	7.3
26	MAR	2002	03:45:48.07	23.35	124.09	33	6.6
31	MAR	2002	06:52:50.049	24.28	122.18	32	7.4
26	APR	2002	07:15:11.05	53.51	160.63	62	5.9
8	MAY	2002	19:45:18.086	53.81	160.77	39	5.9
15	MAY	2002	03:46:05.076	24.64	121.92	10	6.2
21	MAY	2002	06:02:59.094	17.78	-81.91	10	5.7
25	MAY	2002	05:36:31.097	53.81	-161.12	33	6.4
28	MAY	2002	16:45:17.01	24.07	122.26	33	6.1
28	JUN	2002	17:19:30.027	43.75	130.67	566	7.3
9	JUL	2002	18:40:35.063	43.52	-127.17	10	5.9
11	JUL	2002	07:36:26.006	24.08	122.29	43	5.8
23	JUL	2002	20:05:31.088	37.25	142.22	33	5.7
24	AUG	2002	18:40:53.044	43.11	146.12	42	6.1
28	AUG	2002	17:05:33.085	22.11	121.58	33	5.7
13	SEP	2002	22:28:29.046	13.04	93.07	21	6.7
14	SEP	2002	19:58:36.095	13.06	93.16	33	5.8
15	SEP	2002	08:39:32.07	44.83	129.92	586	6.4
26	SEP	2002	12:55:29.078	-19.65	-12.01	10	5.7
14	OCT	2002	14:12:43.075	41.17	142.25	61	6.1
16	OCT	2002	10:12:21.043	51.95	157.32	102	6.2
19	OCT	2002	12:09:05.038	44.3	149.96	33	6.3
23	OCT	2002	11:27:19.043	63.51	-147.91	4	6.7
2	NOV	2002	01:26:10.07	2.82	96.08	30	7.6
2	NOV	2002	09:46:46.07	2.95	96.39	27	6.4
3	NOV	2002	03:37:42.007	38.89	141.98	39	6.4
3	NOV	2002	22:12:41.00	63.52	-147.44	4	8.5
7	NOV	2002	15:14:06.076	51.2	179.33	33	6.6

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Day	Month	Year	UTM time	Lat [°]	Lon [°]	Depth	Magnitude
17	NOV	2002	04:53:53.054	47.82	146.21	459	7.3
26	NOV	2002	00:48:15.004	51.47	-173.54	20	6.1
10	DEC	2002	21:02:19.09	34.3	141.6	10	5.7
23	DEC	2002	13:46:11.036	16.96	-85.58	33	6
19	FEB	2003	03:32:36.036	53.65	-164.64	19	6.6
19	FEB	2003	05:01:40.027	44.15	141.8	214	5.9
15	MAR	2003	19:41:28.07	52.25	160.39	30	6.1
17	MAR	2003	16:36:17.031	51.27	177.98	33	7.1
17	MAR	2003	18:55:47.088	51.29	177.97	33	6.2
26	MAR	2003	04:22:30.007	12.52	92.56	33	5.9
7	APR	2003	18:28:37.038	36.3	141.68	33	5.8
24	APR	2003	10:56:21.098	48.76	154.99	43	6.1
29	APR	2003	13:53:17.03	43.71	147.8	62	6
14	MAY	2003	06:03:35.086	18.27	-58.63	41	6.7
26	MAY	2003	09:24:33.04	38.85	141.57	68	7
28	MAY	2003	16:15:18.094	-17.65	66.12	10	6.2
9	JUN	2003	01:52:51.001	24.41	122.02	48	5.8
10	JUN	2003	08:40:30.083	23.52	121.63	44	6
15	JUN	2003	19:24:35.006	51.66	176.83	33	6.4
16	JUN	2003	22:08:02.014	55.49	160	174	6.9
23	JUN	2003	12:12:34.047	51.44	176.78	20	7
30	JUN	2003	00:07:27.066	17.46	-61.14	33	5.7
2	JUL	2003	23:52:26.028	42.32	144.84	23	5.9
12	JUL	2003	23:01:38.00	54.65	-134.47	20	6
15	JUL	2003	20:27:50.053	-2.6	68.38	10	7.6
21	JUL	2003	15:16:31.093	25.98	101.29	10	6
23	JUL	2003	16:38:37.021	-15.59	-13.35	10	5.8
25	JUL	2003	22:13:29.097	38.42	141	6	6.1
26	JUL	2003	23:18:17.096	22.85	92.31	10	5.7
27	JUL	2003	06:25:31.095	47.15	139.25	470	6.8
3	AUG	2003	04:10:50.069	56.11	-153.32	17	5.7
11	AUG	2003	21:22:30.042	12.12	93.53	100	6
21	AUG	2003	23:31:49.014	68.69	-148.04	12	6
31	AUG	2003	23:08:00.026	43.39	132.27	481	6.2
5	SEP	2003	01:23:01.096	5.32	95.9	124	5.9
20	SEP	2003	03:54:50.078	35	140.17	51	5.7
21	SEP	2003	18:16:13.041	19.92	95.67	10	6.9
22	SEP	2003	04:45:36.024	19.78	-70.67	10	6.6
25	SEP	2003	19:50:06.036	41.81	143.91	27	8.3
26	SEP	2003	06:26:57.015	42.16	144.67	33	5.9
26	SEP	2003	20:38:22.01	41.99	144.58	33	6
29	SEP	2003	02:36:53.014	42.45	144.38	25	6.5
8	OCT	2003	09:06:55.034	42.65	144.57	32	6.7
11	OCT	2003	00:08:49.014	41.92	144.36	33	5.9
25	OCT	2003	12:41:35.025	38.4	100.95	10	5.8
28	OCT	2003	21:48:21.001	43.84	147.75	65	6.1
31	OCT	2003	01:06:28.028	37.81	142.62	10	7
1	NOV	2003	13:10:07.066	37.74	143.08	10	5.9
12	NOV	2003	08:26:43.074	33.17	137.07	384	6.4
17	NOV	2003	06:43:06.08	51.15	178.65	33	7.8
3	DEC	2003	14:11:14.002	42.36	144.73	33	5.9
5	DEC	2003	21:26:09.048	55.54	165.78	10	6.7
9	DEC	2003	12:44:01.068	51.33	-179.27	33	6.2
10	DEC	2003	04:38:11.059	23.04	121.36	10	6.8
22	DEC	2003	19:15:56.00	35.71	-121.1	7	6.5
29	DEC	2003	01:30:54.07	42.42	144.61	33	6.1
30	DEC	2003	09:50:44.025	47.05	154.19	33	5.9
16	JAN	2004	18:07:55.066	7.64	-37.7	10	6.2

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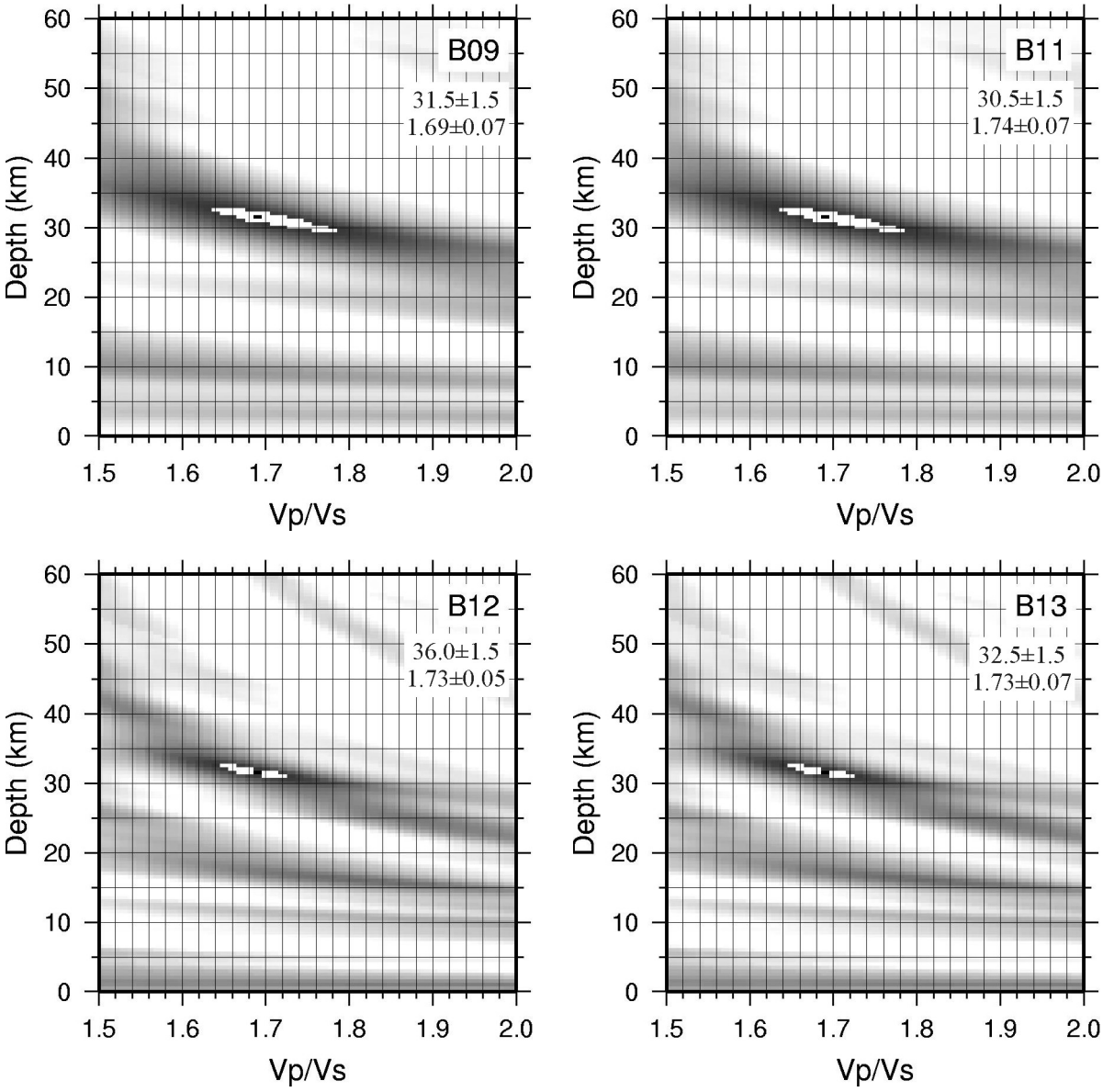
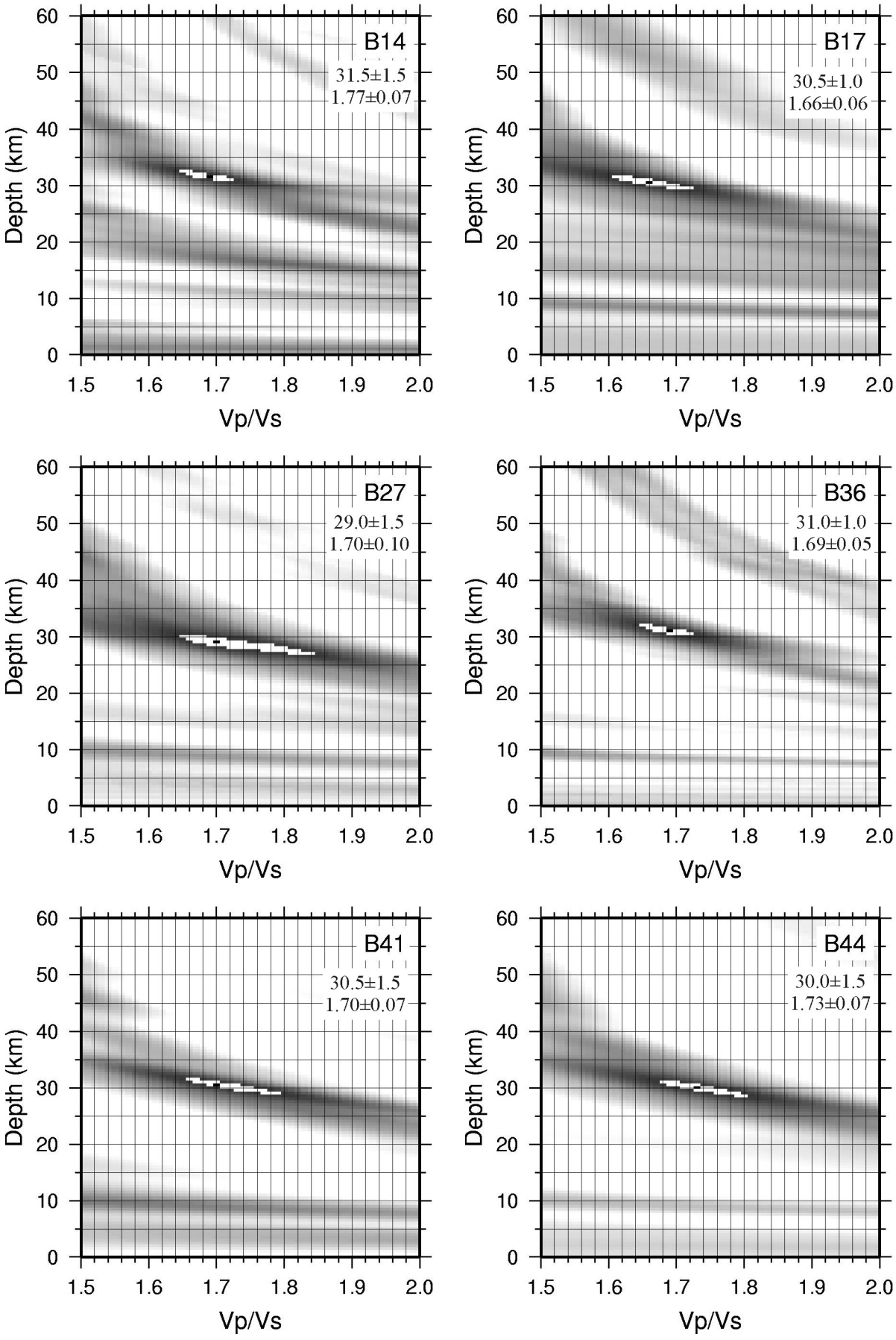
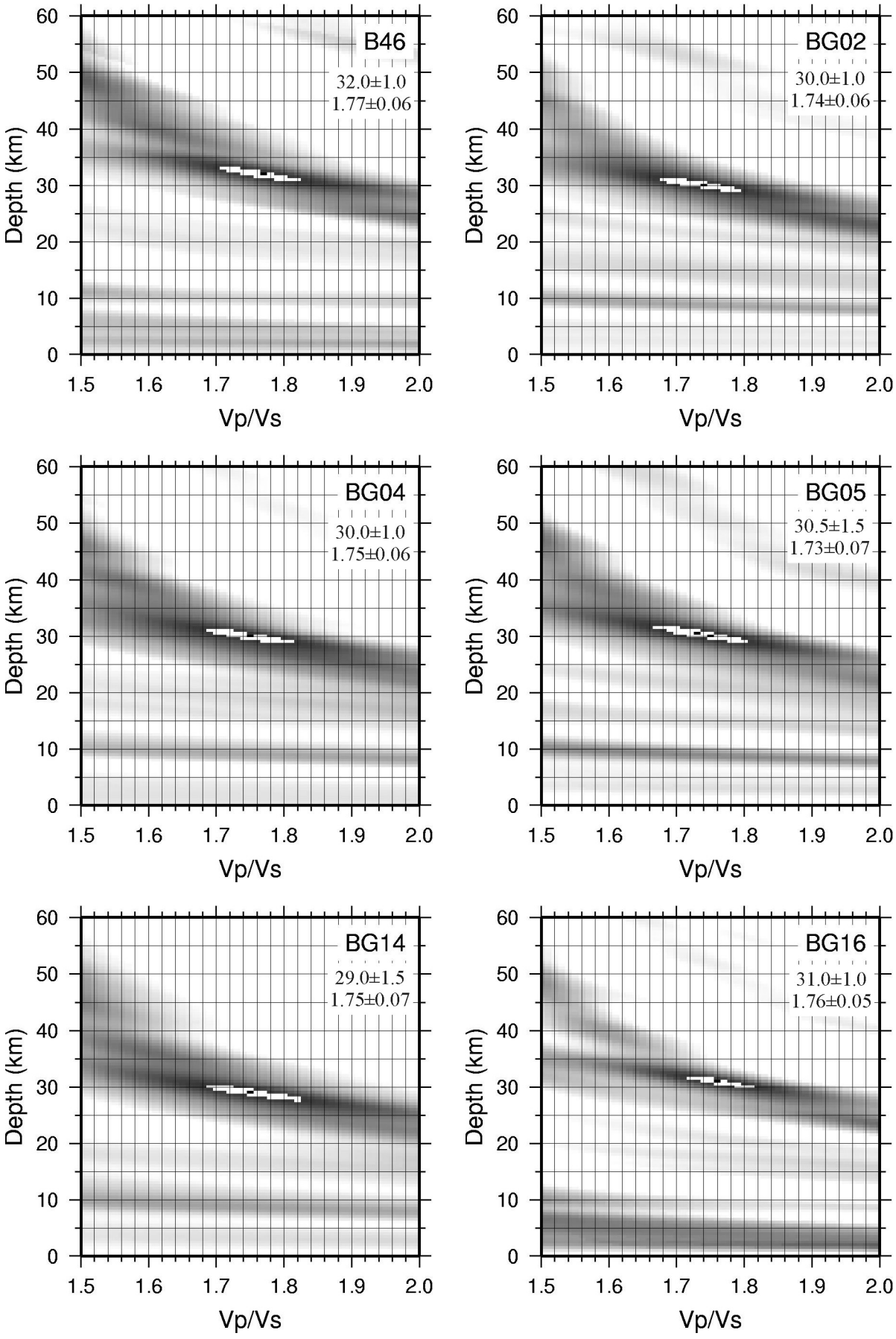
Day	Month	Year	UTM time	Lat [°]	Lon [°]	Depth	Magnitude
8	MAR	2004	23:39:11.034	10.48	-43.92	10	6.1
3	APR	2004	23:02:00.087	36.43	141.01	31	6
11	APR	2004	18:06:12.048	42.92	144.84	41	6.1
14	APR	2004	01:54:09.022	55.23	162.66	51	6.2
8	MAY	2004	08:02:54.022	21.95	121.6	26	5.7
19	MAY	2004	07:04:11.071	22.66	121.5	20	6.2
29	MAY	2004	20:56:09.06	34.25	141.41	16	6.6
1	JUN	2004	20:47:30.043	-9.04	67.25	10	5.7
8	JUN	2004	08:55:52.074	17.51	-83.46	10	5.9
10	JUN	2004	15:19:57.075	55.68	160	188	6.9
28	JUN	2004	09:49:47.00	54.8	-134.25	20	6.8
8	JUL	2004	10:30:49.016	47.2	151.3	128	6.4
15	JUL	2004	12:06:52.04	49.69	-126.86	18	5.9
19	JUL	2004	08:01:49.046	49.62	-126.97	23	6.4
22	JUL	2004	09:45:14.09	26.49	128.89	20	6.1
29	JUL	2004	01:44:06.091	12.45	95	22	5.9
6	AUG	2004	14:35:27.003	12.43	95	23	5.7
7	AUG	2004	09:30:16.094	51.75	-166.31	8	6.3
30	AUG	2004	12:23:21.041	49.54	157.27	10	5.7
1	SEP	2004	02:49:28.06	36.96	141.6	34	5.7
5	SEP	2004	10:07:07.087	33.07	136.64	14	7.2
5	SEP	2004	14:57:18.062	33.19	137.07	10	7.4
5	SEP	2004	20:30:59.081	33.25	136.8	10	5.7
6	SEP	2004	23:29:35.009	33.21	137.23	10	6.7
8	SEP	2004	14:58:25.06	33.14	137.2	19	6.2
9	SEP	2004	16:33:21.081	17.78	-81.55	25	6
13	SEP	2004	03:00:12.075	43.97	151.41	8	6.1
24	SEP	2004	10:34:53.044	0.45	-26.4	10	5.8
2	NOV	2004	10:02:12.082	49.277	-128.772	10	6.7
8	NOV	2004	15:55:01.015	24.104	122.542	29	6.3
28	NOV	2004	18:32:14.013	43.006	145.119	39	7
6	DEC	2004	14:15:11.089	42.9	145.228	35	6.8
26	FEB	2005	12:56:52.062	2.908	95.592	36	6.8
29	MAR	2005	05:16:29.085	2.648	96.581	30	5.9
9	APR	2005	15:16:27.089	56.168	-154.524	14	6
28	APR	2005	14:07:33.07	2.132	96.799	22	6.3
14	JUN	2005	17:10:16.064	51.232	179.406	51	6.8
15	JUN	2005	02:50:53.018	41.301	-125.97	10	7.2
17	JUN	2005	06:21:42.028	40.768	-126.574	10	6.7
9	JUL	2005	23:37:11.014	33.422	140.825	55	5.8
30	AUG	2005	18:10:45.077	38.502	143.169	23	6.2
6	SEP	2005	01:16:02.032	24.082	122.186	32	5.8

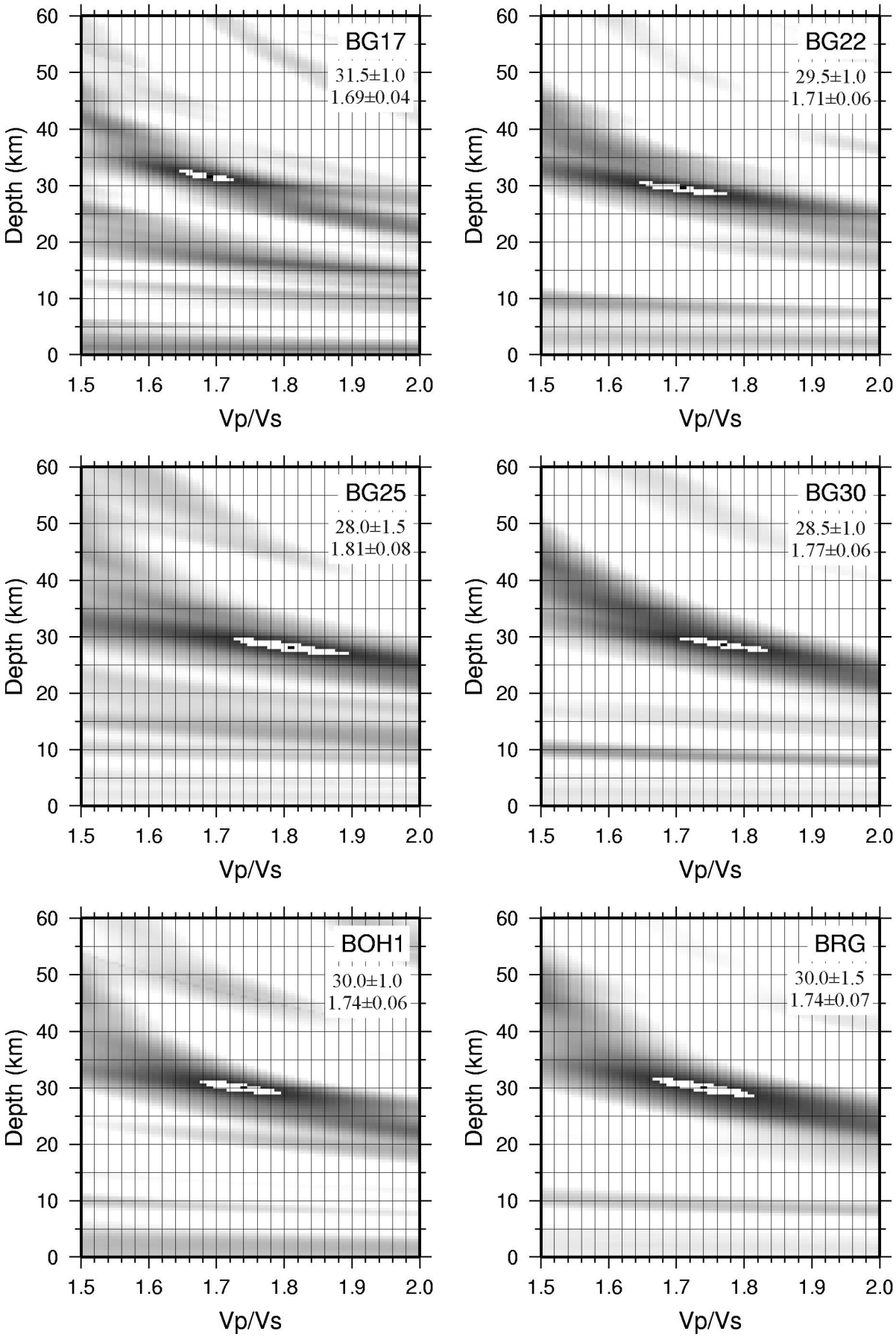
C.1 Moho depths and v_p/v_s ratios obtained by the method of Zhu and Kanamori

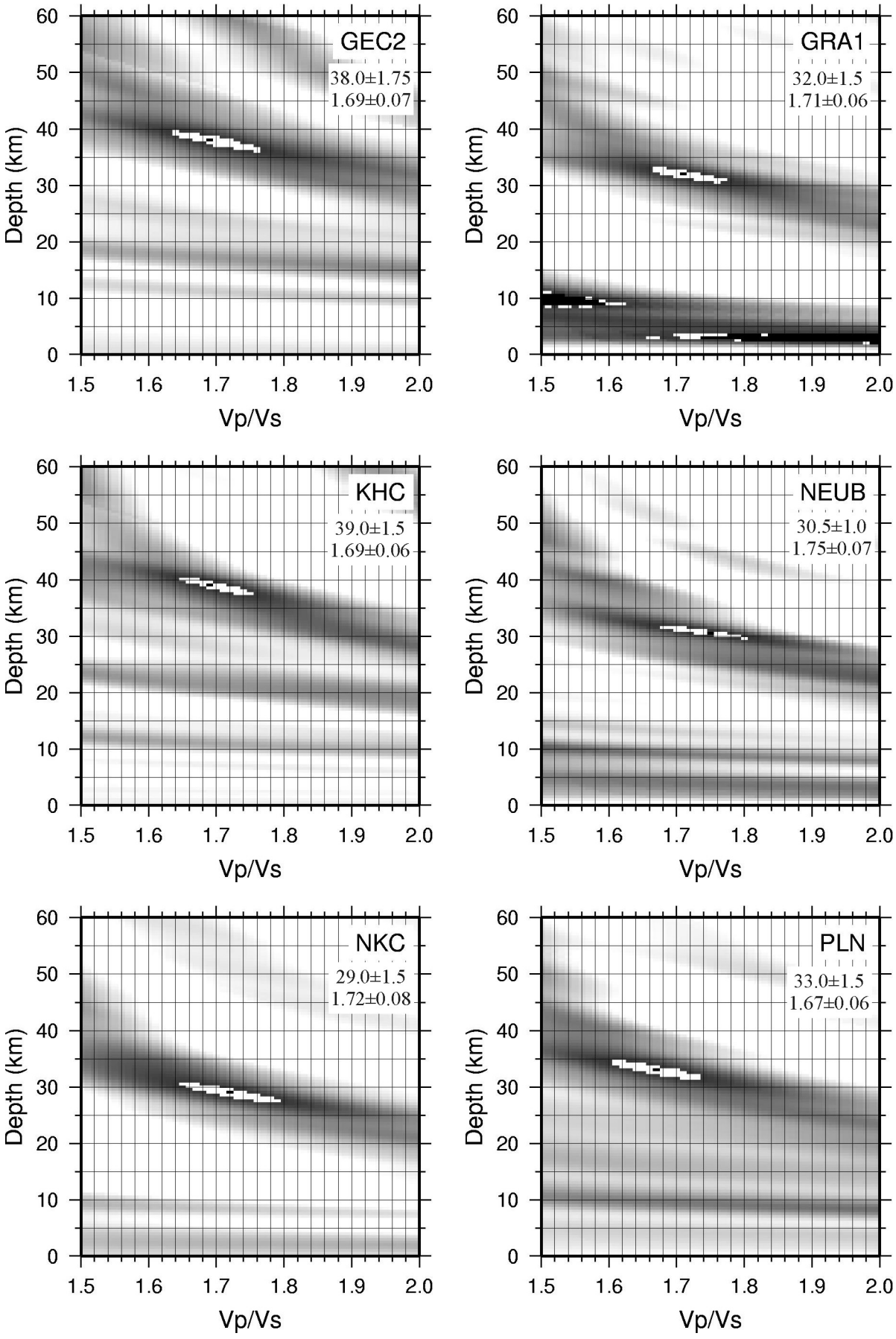
At 34 stations of the BOHEMA experiment with high signal/noise ratio, Moho depth and v_p/v_s ratios were obtained with the grid search method by *Zhu and Kanamori* (2000). The maximum stacked amplitude is marked by a black dot surrounded by a white ellipse. The ellipse marks the area of 95% of the maximum stacked amplitude and was used to estimate the uncertainty of the obtained values.

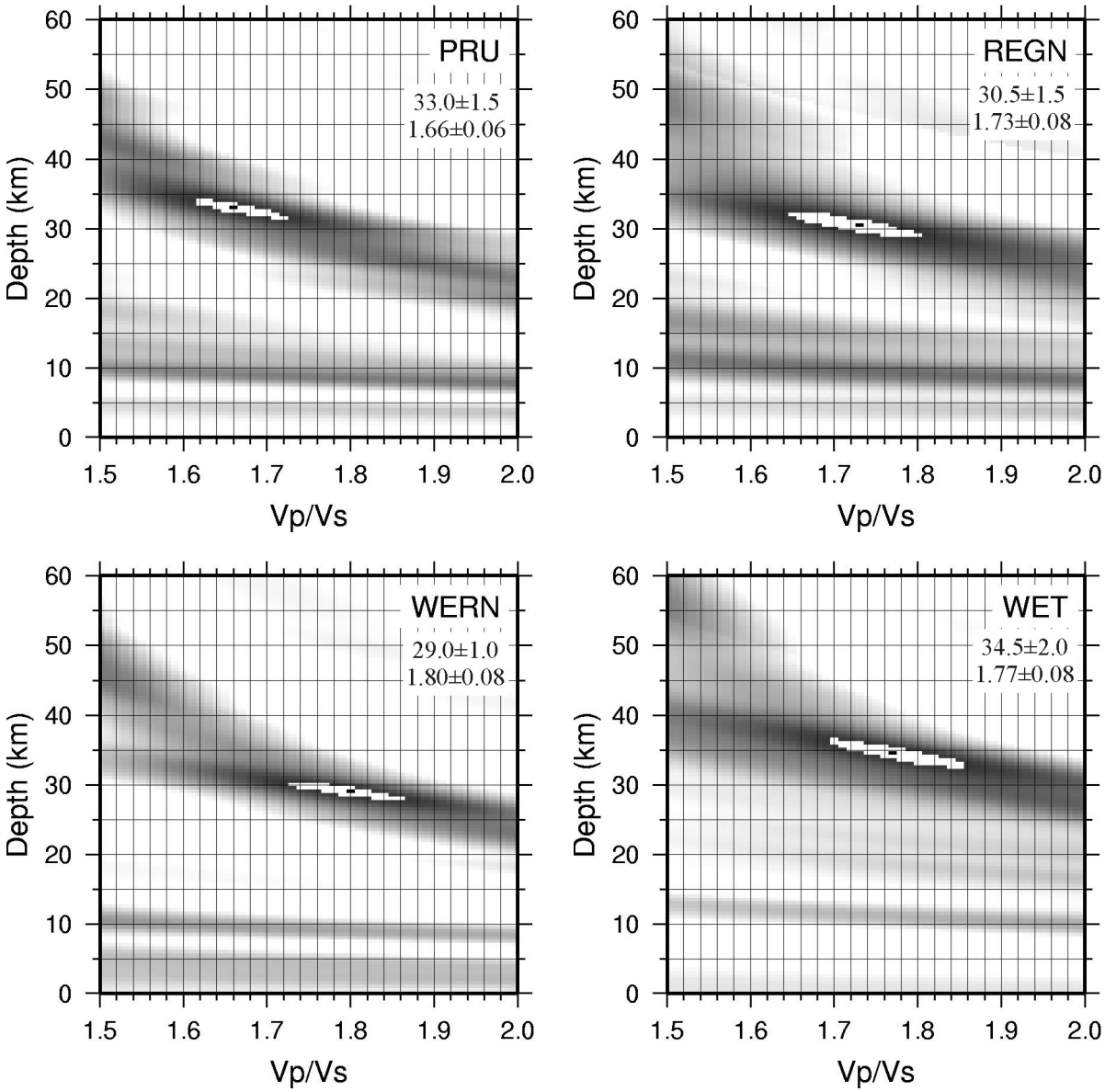



B14
31.5±1.5
1.77±0.07
B17
30.5±1.0
1.66±0.06
B27
29.0±1.5
1.70±0.10
B36
31.0±1.0
1.69±0.05
B41
30.5±1.5
1.70±0.07
B44
30.0±1.5
1.73±0.07
Depth (km)
Vp/Vs
0
10
20
30
40
50
60
1.5
1.6
1.7
1.8
1.9
2.0


B46
32.0±1.0
1.77±0.06
BG02
30.0±1.0
1.74±0.06
BG04
30.0±1.0
1.75±0.06
BG05
30.5±1.5
1.73±0.07
BG14
29.0±1.5
1.75±0.07
BG16
31.0±1.0
1.76±0.05
Depth (km)
Vp/Vs
0
10
20
30
40
50
60
1.5
1.6
1.7
1.8
1.9
2.0


BG17
31.5±1.0
1.69±0.04
BG22
29.5±1.0
1.71±0.06
BG25
28.0±1.5
1.81±0.08
BG30
28.5±1.0
1.77±0.06
BOH1
30.0±1.0
1.74±0.06
BRG
30.0±1.5
1.74±0.07
Depth (km)
Vp/Vs
0
10
20
30
40
50
60
1.5
1.6
1.7
1.8
1.9
2.0


GEC2
38.0±1.75
1.69±0.07
GRA1
32.0±1.5
1.71±0.06
KHC
39.0±1.5
1.69±0.06
NEUB
30.5±1.0
1.75±0.07
NKC
29.0±1.5
1.72±0.08
PLN
33.0±1.5
1.67±0.06
Depth (km)
Vp/Vs
0
10
20
30
40
50
60
1.5
1.6
1.7
1.8
1.9
2.0


PRU
33.0±1.5
1.66±0.06
REGN
30.5±1.5
1.73±0.08
WERN
29.0±1.0
1.80±0.08
WET
34.5±2.0
1.77±0.08
Depth (km)
Vp/Vs
0
10
20
30
40
50
60
1.5
1.6
1.7
1.8
1.9
2.0

C.2 Moho depths and v_p/v_s ratios obtained from delay times of Moho Ps conversion and crustal multiple PpPs

Comparison of v_p/v_s ratios and Moho depth obtained by two different methods: 1) Zhu and Kanamori method; 2) manual calculation from delay times of Moho *Ps* conversion and multiple reverberation *PpPs*. For both methods, an average crustal *P* wave velocity of 6.3 km/s was assumed. The difference in Moho depth between the two methods is in most cases ± 1 km or less.

Station	method by *Zhu and Kanamori* (2000)		from delay times of Moho *Ps* and *PpPs*	
	v_p/v_s	H [km]	v_p/v_s	H [km]
B09	1.69±0.07	31.5±1.5	1.70	31.1
B11/BM11	1.74±0.07	30.5±1.5	1.72	31.4
B12/BM12	1.73±0.05	36.0±1.5	1.72	36.6
B13/BM13	1.73±0.07	32.5±1.5	1.73	32.7
B14/BM14	1.77±0.07	31.5±1.5	1.78	31.1
B17	1.66±0.06	30.5±1.0	1.65	31.1
B27	1.70±0.10	29.0±1.5	1.72	29.1
B36	1.69±0.05	31.0±1.0	1.65	32.3
B41	1.70±0.07	30.5±1.5	1.71	30.7
B44	1.73±0.07	30.0±1.5	1.71	30.7
B46	1.77±0.06	32.0±1.0	1.75	32.7
BG02	1.74±0.06	30.0±1.0	1.71	31.0
BG04	1.75±0.06	30.0±1.0	1.72	30.4
BG05	1.73±0.07	30.5±1.5	1.72	30.7
BG10	1.77±0.08	30.5±1.5	1.74	31.4
BG14	1.75±0.07	29.0±1.5	1.73	29.5
BG16	1.76±0.05	31.0±1.0	1.74	32.0
BG17	1.69±0.04	31.5±1.0	1.66	32.5
BG22	1.71±0.06	29.5±1.0	1.72	28.8
BG24	1.72±0.07	30.0±1.5	1.71	30.4
BG25	1.81±0.08	28.0±1.5	1.79	28.6
BG30	1.77±0.06	28.5±1.0	1.75	29.1
BOH1	1.74±0.06	30.0±1.0	1.71	30.8
BRG	1.74±0.07	30.0±1.5	1.71	31.0
GEC2	1.69±0.07	38.0±1.75	1.67	39.2
GRA1	1.71±0.06	32.0±1.5	1.69	33.1
KHC	1.69±0.06	39.0±1.5	1.67	40.6
NEUB	1.75±0.07	30.5±1.0	1.72	31.1
NKC	1.72±0.08	29.0±1.5	1.67	30.6
PLN	1.67±0.06	33.0±1.5	1.64	34.2
PRU	1.66±0.06	33.0±1.5	1.64	33.4
REGN	1.73±0.08	30.5±1.5	1.69	31.8
WERN	1.80±0.08	29.0±1.0	1.76	30.2
WET	1.77±0.08	34.5±2.0	1.74	36.0