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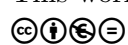
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Foreword

During the year 2012 two new permanent broadband stations have been added to the Hungarian National Seismological Network. One of them (LTVH) has been deployed in the eastern part of the Great Hungarian Plain, the other one (TIH) has been installed near the Lake Balaton in the framework of a cooperation between the MTA CSFK Geodetical and Geophysical Institute and the Hungarian Geological and Geophysical Institute.

In 2012 fifty one local earthquakes have been detected by the Hungarian National Seismological Network, three of them were felt by the public. It was possible to determine the focal mechanism of two earthquakes.

The focal parameters and phase readings of the local earthquakes are listed in Chapter 1 of this publication. The origin of the events (earthquake or explosion) were determined based on the characteristics of the recordings. In Chapter 2 the focal mechanisms of those earthquakes are shown where there were sufficient polarity data to obtain reliable results. In Chapter 3 the macroseismic data of the Hungarian earthquakes reported by the public are displayed. In Chapter 4 the phase and polarity data of the regional and teleseismic events and earthquakes of unknown origin recorded by the Hungarian National Seismological Network are reported.

1. Local earthquakes

Data sources

At the end of the year 2012 the Hungarian National Seismological Network (HNSN) operated by the MTA CSFK GGI Kövesligethy Radó Seismological Observatory consisted of 8 broadband stations (BEHE, BUD, LTVH, MORH, PSZ, SOP, TIH, TRPA) and one short period station (CSKK).

During the year two new permanent broadband stations have been integrated into the HNSN. One of them (LTVH) has been deployed in the city of Létavértes in the eastern part of the Great Hungarian Plain, the other one (TIH) has been installed in the Tihany Peninsula at the Lake Balaton in the framework of a cooperation between the MTA CSFK GGI and the Hungarian Geological and Geophysical Institute (MFGI).

Table 1.1 contains the station parameters of the Hungarian National Seismological Network. The position of the stations are shown in Fig. 1.1.

The data coming from these stations have been collected and stored in the Observatory using the SeisComp3 software package (www.seiscomp3.org).

The description of the stations whose data were used in the computations but are situated in the neighbouring countries can be found in the publications of the respective operating institutions (Zentralanstalt für Meteorologie und Geodynamik, Austria; Geofyzikální ústav Akademie věd České republiky, Czech Republic; Urad za seizmologijo in geologijo - Agencija Republike Slovenije za okolje, Slovenia; Geofyzikálny ústav - Slovenská akadémia vied, Slovakia; Institutul National pentru Fizica Pamantului, Romania).

Earthquake location

In the case of the Hungarian seismological stations, the wave phases have been picked at the Observatory, while for the foreign stations the monthly phase data reports of the partner organizations have been used.

In the year 2012, 51 earthquakes and explosions have been located by the Observatory in the area confined by the latitudes 45.5-49.0°N and longitudes 16.0-23.0°E (Table 1.2 and Fig. 1.2).

The phase picking and magnitude determination was carried out using the Seismic Handler software package (Stammler, 1993). The hypocenter location was performed by the HYPO71PC computer program (Lee and Lahr, 1975). The location was based on the three-layered velocity model of Mónus (1995):

Depth range (km)	P-wave velocity (km/s)	S-wave velocity (km/s)
0-20	5.60	3.15
20-31	6.57	3.69
31-	8.02	4.51

The focal parameters and the phase readings of the located earthquakes are given in a form which is based on the Seisan (Havskov and Ottemoller, 1999) bulletin format. The abbreviations used in the listings are:

Hour:	Origin time in UTC (hr. min. and sec.)
Lat:	Latitude of epicenter
Lon:	Longitude of epicenter

Depth:	Focal depth in kilometer (trailing F indicates fixed depth)
Magnitude:	The local magnitude value is given
Rms:	Root mean square value of travel time residuals
Gap:	Largest azimuthal separation in degrees between stations.
Erh:	Standard error of the epicenter. If Erh=--, it means that Erh could not be computed because of insufficient data.
Erz:	Standard error of the focal depth. If Erz=--, it means that Erz could not be computed because the focal depth is fixed or because of insufficient data.
STAT:	Station code
CO:	Component, S: short period, L: long period, B: broadband,
DIST:	Epicenter distance (km)
AZI:	Azimuth from source to station
PHASE:	Phase; The first letter characterizes onset E(mergent) or I(mpulsive)
P:	Polarity (C for compression, D for dilatation)
HR:	Hour
MN:	Minute
SECON:	Seconds
TRES:	Residual (seconds)
CODA:	Signal duration in seconds
AMPL:	Ground Amplitude (0.5*(peak to peak)), (nm) at period PERI
PERI:	Period where amplitude is measured
BAZ:	Back azimuth (station to event)
ARES:	Back azimuth residual
VELO:	Apparent phase velocity (km/sec)
WT:	Weight of phase in the location

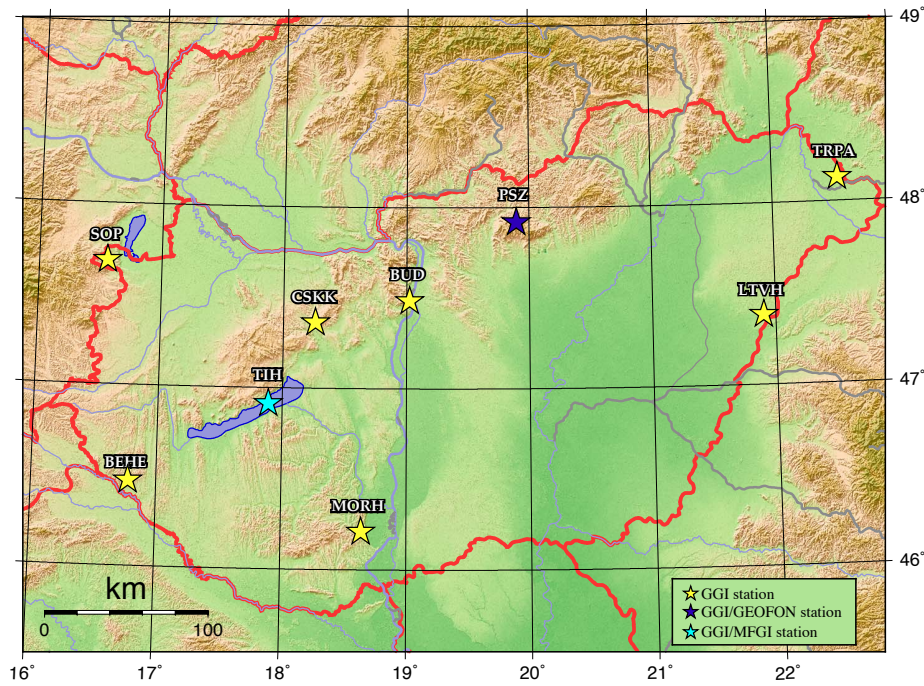


Figure 1.1: Stations of the Hungarian National Seismological Network in 2012

Table 1.1: Parameters of the stations of the Hungarian National Seismological Network in 2012

Station	Lat (°N)	Lon (°E)	Height (m)	Sensor ^a	Acquisition ^b	Org. ^c	Period ^d
BEHE Becsehely	46.4706	16.7757	289	STS-2	PS-6-24 SeisComp PC	GGI	01.01-12.31
BUD Budapest	47.4836	19.0239	169	STS-2	PS-6-24 SeisComp PC	GGI	01.01-12.31
CSKK Csókakő	47.3631	18.2605	319	SS-1	K2 SeisComp PC	GGI	01.01-12.31
LTVH Létavértes	47.3849	21.9007	121	CMG-3T	CMG-DM24S3	GGI	05.30-12.31
MORH Mórágý	46.2149	18.6435	135	STS-2	PS-6-24 SeisComp PC	GGI	01.01-12.31
PSZ Piszkéstető	47.9184	19.8944	940	STS-2	PS-6-24 SeisComp PC	GEOFON GGI	01.01-12.31
SOP Sopron	47.6833	16.5583	260	STS-2	PS-6-24 SeisComp PC	GGI	01.01-12.31
TIH Tihany	46.9001	17.8878	189	CMG-3T	CMG-DM24S3	GGI MFGI	11.09-12.31
TRPA Tarpa	48.1304	22.5391	113	STS-2	PS-6-24 SeisComp PC	GGI	01.01-12.31

^a CMG-3T – Guralp CMG-3T broadband seismometer

SS-1 – Kinemetrics SS-1 short period seismometer

STS-2 – Streckeisen broadband seismometer

^b Data acquisition units (at all stations the recording is digital and continuous):

CMG-DM24S3 – Guralp CMG-DM24S3EAM acquisition system

K2 – Kinemetrics K2 data acquisition system

PS-6-24 – Earth Data 24 bit digitizer

SeisComp – Geofon Seismological Communication Processor

^c Operating organization:

GEOFON – GEOFON Global Seismic Network, GFZ, Germany

GGI – Geodetic and Geophysical Institute, MTA CSFK, Hungary

MFGI – Hungarian Geological and Geophysical Institute, Hungary

^d Availability period in 2012

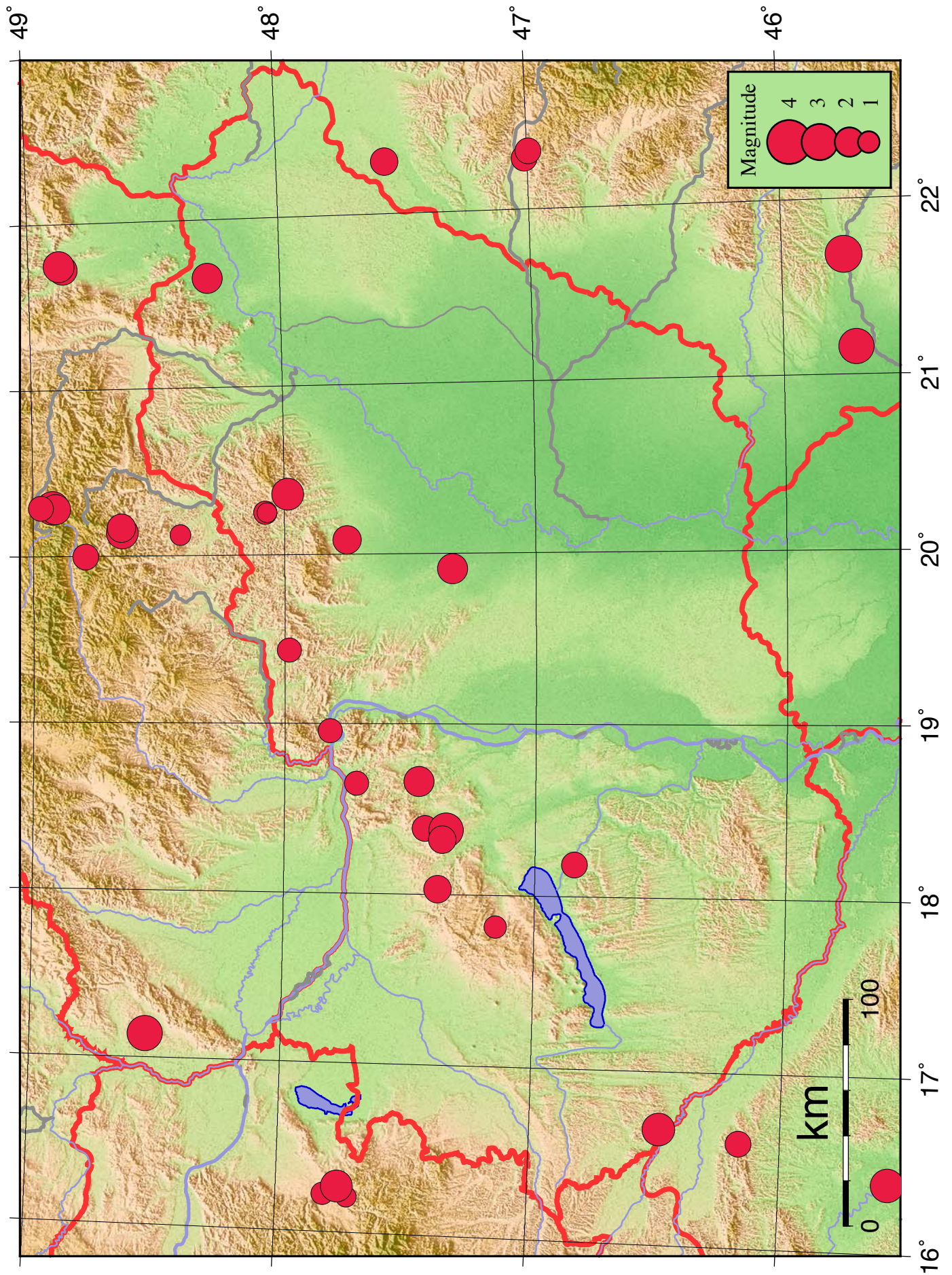


Figure 1.2: The epicenters of the located earthquakes in 2012

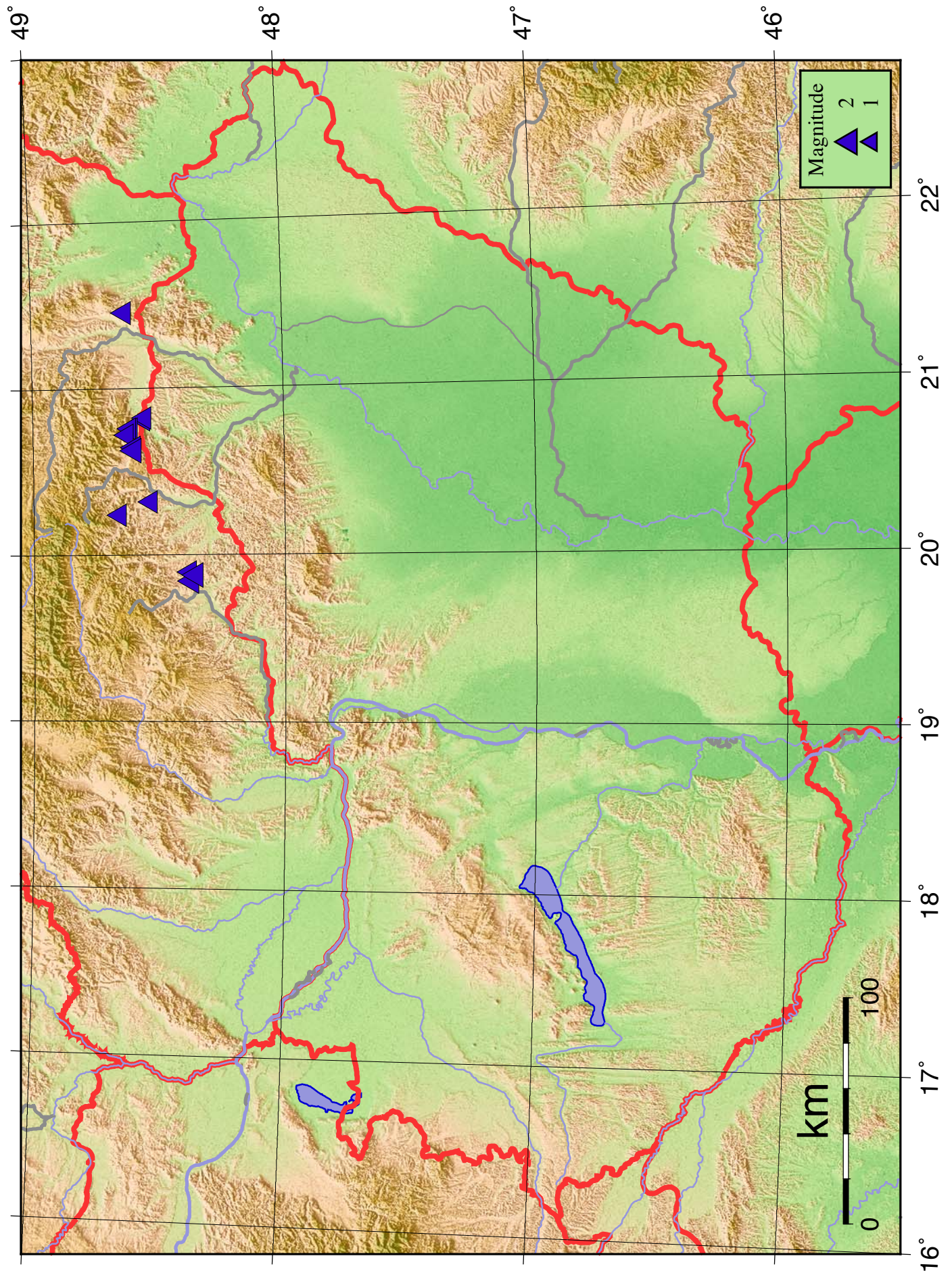


Figure 1.3: The epicenters of the located explosions in 2012

Table 1.2: Parameters of earthquakes detected by the Hungarian National Seismological Network.

	Date	Time	Lat. (°N)	Long. (°E)	Depth (km)	Magnitude	Locality
1.	2012.01.05	01:28:37.7	47.568	22.307	0.6	1.8	Romania
2.	2012.01.07	05:43:24.8	45.711	21.158	8.9	2.8	Romania
3.	2012.01.09	19:56:24.9	45.753	21.683	10.0	3.1	Romania
4.	2012.01.24	10:40:50.4	45.565	16.394	10.0	2.6	Croatia
5.	2012.02.01	09:42:23.7	47.332	19.909	10.0	2.1	Tápiógyörgye
6.	2012.02.01	10:00:50.2	48.374	19.840	0.0	1.9	Slovakia
7.	2012.02.11	12:29:14.9	48.646	20.139	2.7	2.4	Slovakia
8.	2012.02.15	11:44:41.0	47.713	18.648	0.1	1.3	Tokod
9.	2012.03.05	22:56:58.5	48.539	17.141	7.2	2.9	Slovakia
10.	2012.03.11	18:32:46.3	48.414	20.121	10.0	0.9	Slovakia
11.	2012.03.13	03:26:18.8	47.440	18.386	10.0	1.5	Várgesztes
12.	2012.03.20	01:21:22.8	47.985	20.359	6.9	2.4	Szarvaskő
13.	2012.03.23	15:40:43.5	48.649	20.166	7.3	1.9	Slovakia
14.	2012.03.28	03:08:01.1	47.153	17.816	15.3	1.1	Márkó
15.	2012.04.06	09:05:17.3	47.356	18.379	10.0	2.7	Gánt
16.	2012.04.06	09:38:44.8	47.371	18.323	10.0	1.8	Csákberény
17.	2012.04.18	10:33:59.6	48.287	21.650	5.4	2.2	Vajdácaska
18.	2012.04.23	11:55:35.0	48.628	21.454	0.0	1.7	Slovakia
19.	2012.04.27	21:26:09.2	47.717	16.209	10.0	0.8	Austria
20.	2012.04.30	03:04:43.7	48.863	21.723	2.7	2.0	Slovakia
21.	2012.04.30	09:38:24.9	47.011	22.294	5.1	1.6	Romania
22.	2012.05.02	17:21:06.2	48.878	21.746	0.5	2.3	Slovakia
23.	2012.05.18	12:20:31.8	48.534	20.317	0.0	1.6	Slovakia
24.	2012.05.20	23:24:19.6	47.387	18.032	7.5	1.8	Súr
25.	2012.05.30	23:59:04.8	46.164	16.601	8.1	1.5	Croatia
26.	2012.05.31	03:42:16.6	46.843	18.185	8.1	1.5	Ádánd
27.	2012.05.31	21:35:42.3	48.922	20.290	0.1	2.6	Slovakia
28.	2012.06.01	03:47:40.6	48.911	20.283	0.9	2.1	Slovakia
29.	2012.06.14	08:13:46.8	48.075	20.250	8.0	1.2	Bekölce
30.	2012.06.14	20:02:33.3	47.819	18.959	10.0	1.3	Kismaros
31.	2012.06.18	08:11:54.8	48.558	20.807	0.0	1.4	Tornanádaska
32.	2012.06.21	20:32:02.9	48.792	19.995	14.9	1.6	Slovakia
33.	2012.06.30	09:57:50.0	48.659	20.240	0.0	1.5	Slovakia
34.	2012.07.01	01:46:32.1	48.968	20.288	10.0	1.4	Slovakia
35.	2012.07.16	09:36:17.0	47.984	19.435	10.0	1.3	Cserhátsurány
36.	2012.07.17	15:12:38.3	48.068	20.249	10.0	0.7	Egercsehi
37.	2012.08.06	08:13:04.9	48.555	20.821	0.0	1.6	Hidvérgardó
38.	2012.08.12	05:40:30.5	47.811	16.225	2.0	1.1	Austria
39.	2012.08.17	08:54:09.6	46.995	22.337	9.4	1.6	Romania
40.	2012.08.20	10:20:15.1	48.607	20.763	0.0	1.2	Slovakia
41.	2012.08.22	07:51:23.3	48.615	20.758	0.0	1.4	Slovakia
42.	2012.08.29	10:29:30.1	48.627	20.720	0.0	1.6	Slovakia
43.	2012.09.25	07:06:42.5	48.381	19.894	0.0	1.5	Slovakia
44.	2012.09.27	17:05:21.8	47.465	18.661	13.7	2.1	Bicske
45.	2012.10.16	12:10:58.5	48.357	19.877	0.0	1.9	Slovakia
46.	2012.10.29	08:34:53.4	47.752	20.084	10.0	1.9	Detk
47.	2012.11.13	09:44:02.4	48.599	20.645	0.0	1.7	Slovakia
48.	2012.11.15	03:17:33.0	47.755	16.271	7.0	2.4	Austria
49.	2012.12.19	10:56:47.4	48.598	20.626	0.0	1.9	Slovakia
50.	2012.12.25	17:01:35.5	46.483	16.669	14.7	2.5	Szentmargitfalva
51.	2012.12.28	04:14:33.5	47.559	16.506	0.5	1.1	Austria

CHAPTER 1. LOCAL EARTHQUAKES

January 05 2012 Hour: 01:28:37.7 Lat: 47.568°N Lon: 22.307°E Depth: 0.6 km
 Magnitude: 1.8ML Rms: 0.51 s Gap: 103° Erh: 2.5 km Erz: 3.0 km
 Locality: Romania Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BMR		90	83	I Pg	D	128	53.30	-0.46							
DRGR		91	160	I Pg		128	53.80	-0.21							
CJR		136	134	I Pn	D	129	01.90	0.27							
SIRR		152	199	I Pn		129	03.70	0.04							
CRVS		161	337	E Pn		129	04.50	-0.21							
CRVS		161	337	E Sn		129	26.00	0.19							
ARCR		163	109	I Pn		129	05.40	0.37							
KECS		169	307	E Pn		129	07.90	2.12							
KECS		169	307	E Sn		129	27.80	0.08							
PSZ		185	282	I Pn	D	129	07.10	-0.60							
BURB		218	89	I Pn		129	11.80	-0.11							
STHS		220	339	E Pn		129	12.60	0.54							
STHS		220	339	E Sn		129	43.00	4.10							
BZS		223	194	I Pn	D	129	12.40	-0.06							
VYHS		278	292	E Sn		129	59.00	7.12							
DOPR		295	127	I Pn		129	21.30	-0.11							
VOIR		316	138	I Pn	D	129	25.10	0.97							

January 07 2012 Hour: 05:43:24.8 Lat: 45.711°N Lon: 21.158°E Depth: 8.9 km
 Magnitude: 2.8ML Rms: 0.50 s Gap: 127° Erh: 3.3 km Erz: 1.5 km
 Locality: Romania Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TIM		5	60	I Pg	D	543	26.70	0.03							
BANR		36	183	I Pg		543	31.80	0.29							
BZS		37	106	I Pg		543	31.40	-0.23							
SIRR		73	32	I Pg		543	37.70	-0.22							
MDVR		112	157	I Pn	D	543	43.70	-0.97							
DEV		137	82	I Pn	D	543	47.70	-0.07							
DRGR		169	45	I Pn	D	543	52.20	0.37							
LOT		205	98	I Pn	D	543	57.50	1.14							
CJR		218	59	I Pn	D	543	58.40	0.43							
PSZ		263	339	E Pn	C	544	04.00	0.44							
PSZ		263	339	E Sn		544	32.70	-1.10							
ARR		274	98	I Pn	D	544	06.50	1.63							
CSKK		288	310	E Pn	C	544	09.30	2.66							
CSKK		288	310	E Sn		544	39.30	0.02							
ARCR		289	58	I Pn		544	08.20	1.43							
VOIR		305	96	I Pn		544	10.20	1.45							
KECS		312	351	E Pn		544	11.10	1.47							
DOPR		329	85	I Pn	D	544	13.50	1.68							
CRVS		355	4	E Pn		544	16.00	0.99							
CRVS		355	4	E Sn		544	39.90	-14.29							
VYHS		356	330	E Pn		544	16.10	1.02							
MLR		374	94	I Pn		544	16.70	-0.66							
BURB		375	56	I Pn	D	544	19.40	1.85							
STHS		412	1	E Pn		544	24.50	2.44							
PLOR		427	88	I Pn	D	544	24.80	0.82							
VRI		433	88	I Pn		544	26.10	1.37							
ARSA		465	292	Pn		544	28.90	0.19							
ARSA		465	292	Sn		545	15.70	-2.86							

CONA	473	301	Pn	544	31.50	1.79
CONA	473	301	Sn	545	17.50	-2.85
MORC	527	329	I Pn D	544	37.40	0.99
VRAC	527	319	I Pn	544	36.90	0.45
MOA	577	294	Pn	544	44.10	1.40
MOA	577	294	Sn	545	43.00	-0.47
DPC	629	325	E Pn	544	50.20	1.03
DPC	629	325	E Sn	545	52.60	-2.38
KHC	686	304	E Pn	544	56.40	0.07
KHC	686	304	E Sn	546	03.10	-4.62

January 09 2012 Hour: 19:56:24.9 Lat: 45.753°N Lon: 21.683°E Depth: 10.0 km

Magnitude: 3.1ML Rms: 0.51 s Gap: 61° Erh: 2.1 km Erz: 1.9 km

Locality: Romania

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BZS		16	199	I Pg		1956	28.50	0.26							
TIM		36	267	I Pg		1956	31.80	0.26							
SIRR		57	358	I Pg		1956	35.00	-0.24							
BANR		59	226	I Pg		1956	35.60	-0.01							
DEV		96	81	I Pg		1956	41.40	-0.70							
MDVR		108	179	I Pn		1956	43.30	-0.79							
DRGR		140	34	I Pn		1956	48.10	0.01							
LOT		166	102	I Pn		1956	52.10	0.74							
CJR		182	54	I Pn D		1956	54.10	0.75							
ARCR		253	54	I Pn		1957	02.60	0.41							
BMR		254	33	I Pn		1957	02.60	0.24							
VOIR		265	98	I Pn D		1957	05.20	1.53							
TRPA		272	14	E Pn D		1957	04.00	-0.57							
PSZ		276	330	E Pn D		1957	04.50	-0.63							
PSZ		276	330	E Sn		1957	32.30	-4.23							
BUD		280	313	E Pn		1957	05.00	-0.56							
BUD		280	313	E Sn		1957	35.30	-2.00							
DOPR		288	85	I Pn		1957	08.50	1.87							
HUMR		292	118	I Pn		1957	08.60	1.45							
KECS		316	343	E Pn		1957	10.50	0.37							
KECS		316	343	E Sn		1957	40.70	-4.74							
CSKK		317	304	E Pn		1957	10.00	-0.24							
CSKK		317	304	E Sn		1957	43.20	-2.42							
MLR		333	95	I Pn		1957	14.30	2.07							
BURB		340	53	I Pn D		1957	14.70	1.62							
CRVS		350	357	E Pn		1957	14.70	0.37							
CRVS		350	357	E Sn		1958	05.70	12.79							
VTS		371	161	I Pn		1957	17.70	0.71							
VYHS		373	325	E Pn		1957	16.90	-0.30							
VYHS		373	325	E Sn		1957	56.50	-1.52							
SULR		378	108	I Pn		1957	19.70	1.88							
PLOR		386	88	I Pn		1957	20.60	1.81							
BEHE		387	282	E Pn		1957	18.20	-0.76							
BEHE		387	282	E Sn		1957	58.10	-3.06							
VRI		392	88	I Pn		1957	20.60	1.05							
STHS		408	355	E Pn		1957	22.80	1.22							
SMOL		445	314	E Sn		1958	09.00	-4.97							
SOP		446	299	E Pn		1957	28.00	1.67							
SOP		446	299	E Sn		1958	09.40	-4.86							

CHAPTER 1. LOCAL EARTHQUAKES

CFR	508	97	I Pn	D	1957	35.80	1.74
OKC	525	330	E Pn		1957	37.00	0.82
OKC	525	330	E Sn		1958	31.30	-0.51
KRLC	604	323	E Pn		1957	47.40	1.42
KRLC	604	323	E Sn		1958	48.70	-0.54
TREC	610	310	E Pn		1957	46.80	0.04
TREC	610	310	E Sn		1958	46.40	-4.23
DPC	648	322	E Pn		1957	53.00	1.47
DPC	648	322	E Sn		1958	58.20	-0.93
KHC	717	302	E Pn		1958	01.70	1.61
KHC	717	302	E Sn		1959	08.40	-5.96

January 24 2012 Hour: 10:40:50.4 Lat: 45.565°N Lon: 16.394°E Depth: 10.0 km
Magnitude: 2.6ML Rms: 0.31 s Gap: 249° Erh: 2.7 km Erz: 3.7 km
Locality: Croatia Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GCIS		68	299	I Pg	C	1041	03.10	0.30							
GCIS		68	299	E Sg		1041	12.60	0.16							
CRES		78	292	I Pg		1041	04.70	0.12							
BOJS		89	266	I Pg		1041	05.90	-0.61							
LEGS		94	297	I Pg		1041	07.30	-0.02							
LEGS		94	297	I Sg		1041	20.40	-0.09							
KOGS		98	354	I Pg		1041	08.40	0.22							
KOGS		98	354	E Sg		1041	21.20	-0.81							
BEHE		104	16	E P*		1041	09.40	0.20							
BEHE		104	16	E S*		1041	23.40	-0.44							

February 01 2012 Hour: 09:42:23.7 Lat: 47.332°N Lon: 19.909°E Depth: 10.0 km
Magnitude: 2.1ML Rms: 0.24 s Gap: 253° Erh: 2.0 km Erz: 1.2 km
Locality: Tápiógyörgye Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PSZ		65	359	E Pg	D	942	35.40	-0.05							
PSZ		65	359	E Sg		942	45.00	0.36							
BUD		68	284	E Sg		942	45.80	0.00							
CSKK		124	272	E Pn		942	45.10	0.13							
CSKK		124	272	E Sn		942	59.20	-2.38							
KECS		135	19	E Pn		942	46.60	0.33							
KECS		135	19	E Sn		943	03.50	-0.39							
VYHS		152	328	E Pn		942	48.00	-0.39							
VYHS		152	328	E Sn		943	07.50	-0.17							

February 01 2012 Hour: 10:00:50.2 Lat: 48.374°N Lon: 19.840°E Depth: 0.0 km
Magnitude: 1.9ML Rms: 0.53 s Gap: 105° Erh: 2.1 km Erz: 3.3 km
Locality: Slovakia Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		49	76	E Pg		1000	59.40	0.36							
KECS		49	76	E Sg		1001	05.50	-0.40							
PSZ		50	175	E Pg		1000	59.40	0.10							
PSZ		50	175	E Sg		1001	06.30	-0.08							
VYHS		75	280	E Pg		1001	03.90	0.18							
VYHS		75	280	E Sg		1001	13.40	-0.84							
LANS		90	342	E Sg		1001	19.10	0.06							
CRVS		133	64	E Sn		1001	30.80	-1.51							
STHS		155	42	E Sn		1001	38.00	0.83							

February 11 2012 **Hour: 12:29:14.9** **Lat: 48.646°N** **Lon: 20.139°E** **Depth: 2.7 km**
Magnitude: 2.4ML **Rms: 0.70 s** **Gap: 85°** **Erh: 2.4 km** **Erz: 3.4 km**
Locality: Slovakia **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		31	125	E Pg		1229	19.80	-0.69							
KECS		31	125	E Sg		1229	25.50	0.63							
LANS		74	319	E Pg		1229	28.50	0.28							
LANS		74	319	E Sg		1229	37.50	-1.13							
PSZ		82	193	E Pg	D	1229	29.80	0.12							
PSZ		82	193	E Sg		1229	41.50	0.27							
VYHS		97	260	E Pg		1229	32.40	0.08							
STHS		117	43	E Pg		1229	35.80	-0.12							
STHS		117	43	E Sg		1229	52.00	-0.34							
SRO		164	236	E Sn		1230	01.90	-1.32							
OKC		196	312	E Pn		1229	47.70	1.64							
OKC		196	312	E Sn		1230	12.40	2.01							
CSKK		200	225	E Pn		1229	46.60	0.11							
CSKK		200	225	E Sn		1230	15.50	4.35							
CONA		327	256	Pn		1230	03.10	0.74							
CONA		327	256	Sn		1230	41.30	1.90							

February 15 2012 **Hour: 11:44:41.0** **Lat: 47.713°N** **Lon: 18.648°E** **Depth: 0.1 km**
Magnitude: 1.3ML **Rms: 0.63 s** **Gap: 208°** **Erh: 5.7 km** **Erz: — km**
Locality: Tokod **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRO2		19	286	E Pg		1144	43.70	-0.87							
SRO		27	294	E Pg		1144	46.20	0.27							
SRO		27	294	E Sg		1144	49.90	0.15							
CSKK		48	217	E Pg		1144	50.60	0.88							
CSKK		48	217	E Sg		1144	55.70	-0.79							
VYHS		87	9	E Sg		1145	08.90	-0.08							

March 05 2012 **Hour: 22:56:58.5** **Lat: 48.539°N** **Lon: 17.141°E** **Depth: 7.2 km**
Magnitude: 2.9ML **Rms: 1.15 s** **Gap: 41°** **Erh: 2.2 km** **Erz: 1.9 km**
Locality: Slovakia **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MODS		21	151	E Pg		2257	02.70	0.26							
MODS		21	151	E Sg		2257	06.40	0.88							
SMOL		21	97	E Pg		2257	02.40	-0.12							
SMOL		21	97	E Sg		2257	06.30	0.63							
ZST		38	184	E Pg		2257	04.40	-1.02							
ZST		38	184	E Sg		2257	09.70	-1.14							
VRAC		94	335	I Pg	D	2257	14.50	-0.90							
SOP		104	205	E Pg		2257	16.40	-0.79							
SOP		104	205	E Sg		2257	32.30	0.51							
CONA		116	234	Pn		2257	18.30	-0.84							
CONA		116	234	Sn		2257	33.80	-1.46							
SRO		118	133	E Pn		2257	19.30	-0.11							
SRO		118	133	E Sn		2257	33.10	-2.63							
VYHS		125	92	E Pn		2257	19.50	-0.72							
VYHS		125	92	E Sn		2257	35.10	-2.09							
SRO2		127	133	E Pn		2257	19.60	-0.84							
SRO2		127	133	E Sn		2257	35.20	-2.36							
MORC		140	12	I Pn		2257	22.10	-0.05							
CSKK		155	147	E Pn		2257	25.30	1.36							

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CSKK	155	147	E	Sn	2257	45.30	1.49
OKC	162	27	E	Pn	2257	24.90	0.11
OKC	162	27	E	Sn	2257	44.20	-1.12
BUD	183	130	E	Pn	2257	29.20	1.78
BUD	183	130	E	Sn	2257	58.60	8.61
LANS	183	68	E	Pn	2257	28.30	0.78
ARSA	187	220		Pn	2257	29.80	1.83
ARSA	187	220		Sn	2257	52.70	1.73
DPC	210	344	E	Pn	2257	30.30	-0.48
DPC	210	344	E	Sn	2257	58.00	2.02
PSZ	215	109	E	Pn	2257	33.50	1.98
MOA	227	250		Pn	2257	33.20	0.30
MOA	227	250		Sn	2257	59.70	-0.06
GOPC	229	312	E	Pn	2257	33.20	-0.04
GOPC	229	312	E	Sn	2258	03.40	3.04
BEHE	231	187	E	Pn	2257	34.50	1.02
BEHE	231	187	E	Sn	2258	02.40	1.63
UPC	233	340	E	Pn	2257	33.90	0.17
UPC	233	340	E	Sn	2258	04.10	2.87
KOGS	241	196	I	Pn	2257	35.20	0.44
KECS	247	91	E	Pn	2257	35.10	-0.32
PRU	248	310	E	Pn	2257	35.30	-0.28
PRU	248	310	E	Sn	2258	08.50	3.97
PERS	260	216	E	Pn	2257	38.60	1.50
KHC	269	284	E	Pn	2257	38.30	0.08
KHC	269	284	E	Sn	2258	15.10	5.88
PVCC	289	320	E	Sn	2258	21.60	8.06
OBKA	298	221		Pn	2257	42.70	0.90
OBKA	298	221		Sn	2258	26.10	10.52
STHS	315	72	E	Pn	2257	45.10	1.13
KBA	327	240		Pn	2257	47.00	1.58
KBA	327	240		Sn	2258	22.40	0.36
NKC	389	299	E	Pn	2257	53.10	-0.04
NKC	389	299	E	Sn	2258	48.50	12.72
ABTA	400	240		Sn	2258	54.70	16.39
BLY	417	180	I	Pn	2257	57.60	1.02
DRGR	461	115	I	Pn	2258	02.80	0.69
BZS	470	134	I	Pn D	2258	03.70	0.48
RETA	490	256		Sn	2259	20.60	22.47
FETA	509	251		Sn	2259	24.10	21.70
MDVR	544	140	I	Pn D	2258	13.40	0.86
DAVA	560	256		Pn	2258	14.60	0.14
DAVA	560	256		Sn	2259	14.00	0.28
ARCR	563	107	I	Pn	2258	16.50	1.60
BURB	610	100	I	Pn D	2258	21.40	0.68

March 11 2012 **Hour: 18:32:46.3** **Lat: 48.414°N** **Lon: 20.121°E** **Depth: 10.0 km**
Magnitude: 0.9ML **Rms: 0.00 s** **Gap: 227°** **Erh: — km** **Erz: — km**
Locality: Slovakia **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PSZ		57	197	I	Pg	1832	56.70	0.00							
LANS		95	330	E	Pg	1833	03.30	-0.01							
VYHS		95	275	E	Pg	1833	03.40	0.00							

March 13 2012 **Hour: 03:26:18.8** **Lat: 47.440°N** **Lon: 18.386°E** **Depth: 10.0 km**
Magnitude: 1.5ML **Rms: 0.39 s** **Gap: 88°** **Erh: 1.5 km** **Erz: 1.0 km**
Locality: Várgesztes **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CSKK		12	228	E Pg	D	326	21.70	-0.02							
CSKK		12	228	E Sg		326	24.10	0.12							
SRO		41	352	E Pg		326	26.80	0.28							
SRO		41	352	E Sg		326	32.10	-0.42							
BUD		48	84	E Pg		326	28.20	0.56							
BUD		48	84	E Sg		326	34.00	-0.51							
VYHS		121	16	E Pn		326	39.60	-0.19							
VYHS		121	16	E Sn		326	53.10	-3.04							
PSZ		125	65	E Pn	D	326	40.10	-0.09							
PSZ		125	65	E Sn		326	57.20	0.35							
MORH		137	172	E Pn	C	326	42.00	0.27							
MORH		137	172	E Sn		326	58.10	-1.49							
SOP		140	281	E Sn		327	00.10	-0.09							

March 20 2012 **Hour: 01:21:22.8** **Lat: 47.985°N** **Lon: 20.359°E** **Depth: 6.9 km**
Magnitude: 2.4ML **Rms: 0.83 s** **Gap: 54°** **Erh: 2.4 km** **Erz: 2.2 km**
Locality: Szarvaskő **Comments: felt 3-4 EMS**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PSZ		35	258	E Pg	D	121	29.00	-0.24							
PSZ		35	258	E Sg		121	34.60	0.32							
KECS		56	10	E Pg		121	32.60	-0.29							
KECS		56	10	E Sg		121	40.10	-0.68							
BUD		114	241	E Pn		121	42.50	-0.73							
BUD		114	241	E Sn		121	58.70	-0.48							
VYHS		126	297	E Pn		121	44.20	-0.51							
VYHS		126	297	E Sn		121	59.50	-2.32							
CRVS		130	39	E Pn		121	45.30	0.08							
CRVS		130	39	E Sn		122	01.90	-0.82							
LANS		145	333	E Pn		121	47.60	0.54							
LANS		145	333	E Sn		122	04.80	-1.20							
SRO		154	263	E Pn	C	121	49.10	0.94							
SRO		154	263	E Sn		122	09.50	1.54							
TRPA		163	84	E Pn	C	121	50.00	0.70							
TRPA		163	84	E Sn		122	10.90	0.92							
STHS		172	22	E Pn		121	51.80	1.41							
STHS		172	22	E Sn		122	13.90	1.98							
CSKK		172	246	E Pn	C	121	50.90	0.50							
CSKK		172	246	E Sn		122	13.90	1.96							
SIRR		214	153	I Pn	D	121	54.60	-1.14							
DRGR		221	127	I Pn	D	121	56.00	-0.58							
MORH		235	214	E Pn	D	121	56.80	-1.55							
MORH		235	214	E Sn		122	22.20	-3.89							
BMR		237	98	I Pn		121	57.60	-0.95							
BZS		280	160	I Pn		122	03.60	-0.28							
CJR		282	120	I Pn		122	04.20	0.02							
ARCR		316	108	I Pn	D	122	08.00	-0.46							
CONA		335	269	Pn		122	10.70	-0.12							
CONA		335	269	Sn		122	41.70	-6.59							
KRLC		350	312	E Pn		122	14.20	1.62							
BURB		366	96	I Pn	D	122	14.80	0.20							

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ARSA	372 257	Pn	122 15.10	-0.30
ARSA	372 257	Sn	122 52.30	-4.14
DPC	394 312	E Pn	122 19.80	1.63
SOKA	428 250	Pn	122 22.60	0.29

March 23 2012 **Hour: 15:40:43.5** **Lat: 48.649°N** **Lon: 20.166°E** **Depth: 7.3 km**
Magnitude: 1.9ML **Rms: 0.56 s** **Gap: 85°** **Erh: 2.0 km** **Erz: 3.2 km**

Locality: Slovakia

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		30	128	E Pg		1540	49.40	0.36							
KECS		30	128	E Sg		1540	53.00	-0.33							
LANS		75	317	E Pg		1540	57.50	0.39							
LANS		75	317	E Sg		1541	06.70	-1.00							
PSZ		83	194	E Pg	D	1540	58.70	0.16							
PSZ		83	194	E Sg		1541	09.20	-1.04							
CRVS		99	74	E Pg		1541	01.70	0.39							
CRVS		99	74	E Sg		1541	13.90	-1.28							
VYHS		99	260	E Pg		1541	01.50	0.13							
VYHS		99	260	E Sg		1541	12.90	-2.39							
STHS		116	43	E Pn		1541	04.60	0.48							
STHS		116	43	E Sn		1541	19.90	-0.28							

March 28 2012 **Hour: 03:08:01.1** **Lat: 47.153°N** **Lon: 17.816°E** **Depth: 15.3 km**
Magnitude: 1.1ML **Rms: 0.49 s** **Gap: 150°** **Erh: 3.3 km** **Erz: 2.4 km**

Locality: Márkó

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CSKK		41	55	E Pg		308	09.10	0.14							
SRO		82	27	E P*		308	16.00	-0.01							
SRO		82	27	E S*		308	27.30	-0.30							
BEHE		109	226	E Sn		308	33.50	-1.08							
MORH		121	149	E Pn		308	21.20	-0.24							
MORH		121	149	E Sn		308	37.50	0.24							
KOGS		142	237	Pn		308	24.90	0.85							
KOGS		142	237	E Sn		308	42.70	0.79							
VYHS		167	27	E Sn		308	47.50	0.11							

April 06 2012 **Hour: 09:05:17.3** **Lat: 47.356°N** **Lon: 18.379°E** **Depth: 10.0 km**
Magnitude: 2.7ML **Rms: 0.61 s** **Gap: 97°** **Erh: 1.5 km** **Erz: 0.9 km**

Locality: Gánt

Comments: felt 5 EMS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CSKK		9	275	E Pg	D	905	19.40	-0.32							
CSKK		9	275	E Sg		905	20.80	-0.79							
BUD		50	74	E Pg	C	905	26.30	-0.24							
BUD		50	74	E Sg		905	33.10	-0.63							
SRO		51	354	E Pg		905	27.50	0.89							
SRO		51	354	E Sg		905	34.40	0.54							
SRO		51	354	E Pg		905	27.60	0.99							
SRO		51	354	E Sg		905	33.70	-0.16							
MORH		128	171	E Pn	D	905	39.60	0.52							
MORH		128	171	E Sn		905	56.30	0.25							
PSZ		129	61	E Pn	C	905	39.40	0.13							
PSZ		129	61	E Sn		905	56.00	-0.39							
VYHS		131	15	E Pn		905	39.80	0.39							
VYHS		131	15	E Sn		905	55.20	-1.44							
ZST		133	314	E Pn		905	38.80	-0.94							

ZST	133	314	E	Sn		905	54.70	-2.54
MODS	140	324	E	Pn		905	40.70	0.17
MODS	140	324	E	Sn		905	57.90	-0.73
SOP	141	285	E	Pn	D	905	41.40	0.64
SOP	141	285	E	Sn		905	58.80	-0.25
SMOL	147	331	E	Pn		905	41.70	0.30
SMOL	147	331	E	Sn		905	59.50	-0.69
CONA	199	289		Pn		905	48.50	0.55
CONA	199	289		Sn		906	12.50	0.66
KECS	201	51	E	Pn		905	48.30	0.14
KECS	201	51	E	Sn		906	17.90	5.68
LANS	215	22	E	Pn		905	53.50	3.59
ARSA	216	267		Pn		905	50.40	0.36
ARSA	216	267		Sn		906	15.40	-0.17
SOKA	265	253		Pn		905	56.40	0.24
SOKA	265	253		Sn		906	26.30	-0.16
MORC	276	347	I	Pn		905	57.60	0.09
MYKA	369	257		Sn		906	50.80	1.27
DOPR	558	106	I	Pn	D	906	31.90	-0.78

April 06 2012 **Hour: 09:38:44.8** **Lat: 47.371°N** **Lon: 18.323°E** **Depth: 10.0 km**
Magnitude: 1.8ML **Rms: 0.71 s** **Gap: 92°** **Erh: 3.0 km** **Erz: 1.5 km**
Locality: Csákberény **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CSKK		4	259	E	Pg	D	938	46.40	-0.35						
CSKK		4	259	E	Sg		938	48.10	-0.20						
SRO		49	359	E	Pg		938	54.70	0.98						
SRO		49	359	E	Sg		939	01.80	1.09						
BUD		54	77	E	Sg		939	00.20	-2.12						
VYHS		130	17	E	Pn		939	07.20	0.39						
VYHS		130	17	E	Sn		939	22.20	-1.79						
MORH		130	169	E	Pn		939	07.40	0.57						
MORH		130	169	E	Sn		939	23.80	-0.24						
PSZ		132	63	E	Pn	D	939	07.40	0.32						
PSZ		132	63	E	Sn		939	24.10	-0.39						
MODS		136	325	E	Sn		939	24.90	-0.34						
SMOL		143	332	E	Sn		939	26.70	-0.17						

April 18 2012 **Hour: 10:33:59.6** **Lat: 48.287°N** **Lon: 21.650°E** **Depth: 5.4 km**
Magnitude: 2.2ML **Rms: 0.43 s** **Gap: 116°** **Erh: 2.0 km** **Erz: 2.1 km**
Locality: Vajdác **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TRPA		68	105	E	Pg		1034	12.30	0.41						
TRPA		68	105	E	Sg		1034	20.90	-0.54						
CRVS		69	348	E	Pg		1034	11.80	-0.35						
CRVS		69	348	E	Sg		1034	22.00	0.11						
STHS		129	347	E	Pn		1034	22.40	0.31						
STHS		129	347	E	Sn		1034	39.30	-0.29						
PSZ		137	253	E	Pn		1034	22.80	-0.29						
PSZ		137	253	E	Sn		1034	41.20	-0.17						
NIE		159	322		Pn		1034	26.70	0.81						
NIE		159	322	E	Sn		1034	46.20	-0.16						
DRGR		184	154		Pn		1034	29.50	0.50						
DRGR		184	154	E	Sn		1034	49.50	-2.40						

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VYHS 209 276 E Pn 1034 31.50 -0.64
 VYHS 209 276 E Sn 1034 55.20 -2.29

April 23 2012 Hour: 11:55:35.0 Lat: 48.628°N Lon: 21.454°E Depth: 0.0 km
 Magnitude: 1.7ML Rms: 0.72 s Gap: 123° Erh: 9.8 km Erz: 13.0 km
 Locality: Slovakia Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CRVS		30	1	E Pg		1155	40.10	-0.39							
CRVS		30	1	E Sg		1155	43.70	-1.04							
STHS		89	350	E Pg		1155	50.90	-0.04							
STHS		89	350	E Sg		1156	04.00	0.65							
TRPA		97	125	E Pg		1155	52.60	0.13							
PSZ		140	236	E Pn		1155	58.80	-0.73							
PSZ		140	236	E Sn		1156	18.20	-0.44							
LANS		156	292	E Pn		1156	02.90	1.28							
LANS		156	292	E Sn		1156	23.40	1.04							
VYHS		193	266	E Pn		1156	07.20	0.97							
VYHS		193	266	E Sn		1156	29.20	-1.37							

April 27 2012 Hour: 21:26:09.2 Lat: 47.717°N Lon: 16.209°E Depth: 10.0 km
 Magnitude: 0.8ML Rms: 0.60 s Gap: 127° Erh: 2.4 km Erz: 2.1 km
 Locality: Austria Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SOP		26	98	E Pg	C	2126	14.50	0.28							
SOP		26	98	E Sg		2126	18.00	-0.16							
CONA		35	312	Pg		2126	15.80	0.13							
CONA		35	312	Sg		2126	20.60	-0.15							
ARSA		73	225	Pg		2126	22.50	0.13							
ARSA		73	225	Sg		2126	31.50	-1.17							
MODS		108	47	E Pn		2126	27.60	-0.79							
MODS		108	47	E Sn		2126	39.60	-3.79							
SMOL		126	46	E Pn		2126	31.50	0.76							
SMOL		126	46	E Sn		2126	46.30	-1.26							
MOA		146	276	Pn		2126	34.10	0.93							
MOA		146	276	Sn		2126	52.00	0.10							

April 30 2012 Hour: 03:04:43.7 Lat: 48.863°N Lon: 21.723°E Depth: 2.7 km
 Magnitude: 2.0ML Rms: 0.61 s Gap: 173° Erh: 3.5 km Erz: 3.0 km
 Locality: Slovakia Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CRVS		19	283	E Pg		304	47.70	0.43							
CRVS		19	283	E Sg		304	48.70	-1.34							
STHS		70	330	E Pg		304	56.10	-0.28							
STHS		70	330	E Sg		305	06.40	0.15							
TRPA		101	143	E Pg	C	305	01.80	-0.04							
TRPA		101	143	E Sg		305	15.90	-0.06							
LANS		168	281	E Pn		305	11.80	0.43							
LANS		168	281	E Sn		305	33.00	0.06							
PSZ		171	232	E Pn		305	13.60	1.81							
PSZ		171	232	E Sn		305	33.10	-0.58							
VYHS		216	259	E Pn		305	17.00	-0.41							
VYHS		216	259	E Sn		305	41.70	-1.99							

April 30 2012 **Hour: 09:38:24.9** **Lat: 47.011°N** **Lon: 22.294°E** **Depth: 5.1 km**
Magnitude: 1.6ML **Rms: 0.08 s** **Gap: 158°** **Erh: 1.5 km** **Erz: 1.8 km**
Locality: Romania **Comments:**
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
DRGR 40 128 I Pg 938 32.20 0.10
SIRR 95 210 I Pg 938 42.00 -0.04
CJR 104 108 I Pg 938 43.50 -0.13
TRPA 125 8 I Pn D 938 47.00 0.05
BZS 163 199 I Pn 938 51.70 0.04

May 02 2012 **Hour: 17:21:06.2** **Lat: 48.878°N** **Lon: 21.746°E** **Depth: 0.5 km**
Magnitude: 2.3ML **Rms: 0.73 s** **Gap: 150°** **Erh: 3.9 km** **Erz: 3.3 km**
Locality: Slovakia **Comments:**
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
CRVS 21 277 E Pg 1721 10.20 0.29
STHS 70 329 E Pg 1721 18.60 -0.09
STHS 70 329 E Sg 1721 28.80 0.33
TRPA 101 145 E Pg C 1721 23.90 -0.42
TRPA 101 145 E Sg 1721 37.70 -0.79
LANS 169 280 E Pn 1721 34.80 0.56
LANS 169 280 E Sn 1721 54.70 -1.46
PSZ 173 232 E Pn 1721 34.30 -0.49
PSZ 173 232 E Sn 1721 58.60 1.47
BMR 186 136 I Pn D 1721 37.50 1.10
VYHS 218 259 E Pn 1721 39.30 -1.06
VYHS 218 259 E Sn 1722 03.90 -3.15
SIRR 290 181 I Pn D 1721 48.10 -1.22
BURB 293 119 I Pn 1721 49.70 -0.03

May 18 2012 **Hour: 12:20:31.8** **Lat: 48.534°N** **Lon: 20.317°E** **Depth: 0.0 km**
Magnitude: 1.6ML **Rms: 0.81 s** **Gap: 141°** **Erh: 4.7 km** **Erz: — km**
Locality: Slovakia **Comments: probably explosion**
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
PSZ 75 205 E Pg 1220 45.50 0.22
PSZ 75 205 E Sg 1220 55.50 -0.27
CRVS 93 64 E Pg 1220 48.60 0.05
CRVS 93 64 E Sg 1221 00.10 -1.49
VYHS 109 268 E Pg 1220 51.50 0.11
VYHS 109 268 E Sg 1221 04.70 -1.95
STHS 119 35 E Pg 1220 54.40 1.26
STHS 119 35 E Sg 1221 09.80 0.04

May 20 2012 **Hour: 23:24:19.6** **Lat: 47.387°N** **Lon: 18.032°E** **Depth: 7.5 km**
Magnitude: 1.8ML **Rms: 1.10 s** **Gap: 126°** **Erh: 5.7 km** **Erz: 4.9 km**
Locality: Súr **Comments:**
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
CSKK 17 99 E Pg 2324 22.60 -0.42
CSKK 17 99 E Sg 2324 24.00 -1.66
ZST 113 322 E Pn 2324 40.20 0.31
ZST 113 322 E Sn 2324 55.00 -0.70
SOP 115 287 E Pn 2324 37.70 -2.44
SOP 115 287 E Sn 2324 57.30 1.17
MODS 123 333 E Pn 2324 41.70 0.61
MODS 123 333 E Sn 2324 57.20 -0.63
SMOL 133 340 E Sn 2324 58.90 -1.10

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VYHS	137	26	E Pn	2324	44.10	1.32
VYHS	137	26	E Sn	2324	59.90	-0.94
MORH	138	160	E Pn D	2324	43.40	0.45
MORH	138	160	E Sn	2324	59.60	-1.55
PSZ	151	67	E Pn	2324	46.40	1.76
PSZ	151	67	E Sn	2324	58.00	-6.15

May 30 2012 Hour: **23:59:04.8** Lat: **46.164°N** Lon: **16.601°E** Depth: **8.1 km**

Magnitude: **1.5ML** Rms: **0.34 s** Gap: **147°** Erh: **1.5 km** Erz: **1.1 km**

Locality: **Croatia**

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BEHE		36	21	E Pg	C	2359	11.40	-0.15							
BEHE		36	21	E Sg		2359	16.70	-0.08							
KOGS		41	319	I Pg		2359	12.50	0.07							
KOGS		41	319	I Sg		2359	18.40	0.07							
GCIS		82	246	I Pg		2359	19.60	-0.02							
DOBS		87	269	I Pg		2359	20.20	-0.34							
CREG		96	247	I Pg		2359	22.00	-0.11							
BOJS		127	235	E Pn		2359	27.40	0.60							
SOKA		133	295	Pn		2359	27.90	0.41							
SOKA		133	295	Sn		2359	44.80	-0.34							
ARSA		146	326	Pn		2359	29.80	0.71							
ARSA		146	326	Sn		2359	47.50	-0.49							
MORH		157	88	E Pn D		2359	28.10	-2.42							
MORH		157	88	E Sn		2359	50.40	-0.15							

May 31 2012 Hour: **03:42:16.6** Lat: **46.843°N** Lon: **18.185°E** Depth: **8.1 km**

Magnitude: **1.5ML** Rms: **0.33 s** Gap: **117°** Erh: **2.0 km** Erz: **2.4 km**

Locality: **Ádánd**

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CSKK		58	6	E Pg	D	342	27.10	0.06							
CSKK		58	6	E Sg		342	34.50	-0.71							
MORH		78	153	E Pg	C	342	31.00	0.42							
MORH		78	153	E Sg		342	40.70	-0.82							
BUD		95	42	E Pg	C	342	33.60	-0.07							
BUD		95	42	E Sg		342	47.20	0.18							
BEHE		115	249	E Pn		342	36.80	-0.16							
BEHE		115	249	E Sn		342	53.00	0.13							
PSZ		176	47	E Pn		342	44.40	-0.09							
PSZ		176	47	E Sn		343	07.80	1.52							

May 31 2012 Hour: **21:35:42.3** Lat: **48.922°N** Lon: **20.290°E** Depth: **0.1 km**

Magnitude: **2.6ML** Rms: **1.09 s** Gap: **148°** Erh: **2.3 km** Erz: **2.6 km**

Locality: **Slovakia**

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		50	164	E Pg		2135	51.90	0.54							
KECS		50	164	E Sg		2135	58.40	-0.04							
LANS		65	293	E Pg		2135	53.60	-0.34							
LANS		65	293	E Sg		2136	01.60	-1.43							
CRVS		85	91	E Pg		2135	57.20	-0.43							
CRVS		85	91	E Sg		2136	07.80	-1.80							
PSZ		115	195	E Pg D		2136	03.80	0.92							
PSZ		115	195	E Sg		2136	17.70	-1.24							
VYHS		117	246	E Pg		2136	02.80	-0.39							
VYHS		117	246	E Sg		2136	17.50	-2.00							

OKC	186	303	E	Pn		2136	13.70	1.20
OKC	186	303	E	Sn		2136	36.50	0.44
TRPA	188	118	E	Pn		2136	12.00	-0.75
TRPA	188	118	E	Sn		2136	37.00	0.48
SRO2	190	227	E	Pn		2136	14.00	0.92
SRO2	190	227	E	Sn		2136	38.30	1.20
SMOL	215	258	E	Pn		2136	16.00	-0.16
SMOL	215	258	E	Sn		2136	41.80	-0.79
MORC	221	295	I	Pn	D	2136	18.90	2.02
CSKK	229	221	E	Pn		2136	19.80	1.83
CSKK	229	221	E	Sn		2136	49.00	3.20
MODS	230	255	E	Pn		2136	16.90	-1.11
MODS	230	255	E	Sn		2136	41.90	-3.98
ZST	248	251	E	Pn		2136	19.30	-1.02
ZST	248	251	E	Sn		2136	45.80	-4.19
VRAC	273	279	I	Pn		2136	23.90	0.52
BMR	275	120	I	Pn		2136	23.20	-0.47
KRLC	284	297	E	Pn		2136	25.50	0.69
KRLC	284	297	E	Sn		2137	01.70	3.72
DRGR	298	143	I	Pn	D	2136	27.20	0.71
MORH	325	202	E	Pn	C	2136	29.90	0.03
MORH	325	202	E	Sn		2137	03.40	-3.59
DPC	327	299	E	Pn		2136	31.60	1.43
DPC	327	299	E	Sn		2137	15.20	7.68
CJR	348	135	I	Pn		2136	33.00	0.20
UPC	355	300	E	Pn		2136	35.00	1.38
UPC	355	300	E	Sn		2137	22.50	8.84
BZS	380	165	I	Pn		2136	38.30	1.50
BURB	393	112	I	Pn		2136	39.10	0.71
GOPC	414	285	E	Pn		2136	40.70	-0.26
GOPC	414	285	E	Sn		2137	40.50	13.77
PRU	433	286	E	Pn		2136	43.10	-0.24
PRU	433	286	E	Sn		2137	45.40	14.44
PVCC	449	293	E	Pn		2136	45.00	-0.36
LOT	467	146	I	Pn	D	2136	48.60	0.98
KHC	491	273	E	Pn		2136	50.30	-0.28
KHC	491	273	E	Sn		2138	02.40	18.55
ARR	514	140	I	Pn	D	2136	53.70	0.24
TESR	547	119	I	Pn		2136	58.00	0.45

June 01 2012 **Hour: 03:47:40.6** **Lat: 48.911°N** **Lon: 20.283°E** **Depth: 0.9 km**
Magnitude: 2.1ML **Rms: 1.30 s** **Gap: 147°** **Erh: 4.1 km** **Erz: 5.7 km**
Locality: Slovakia **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		49	163	E	Pg		347	50.10		0.63					
KECS		49	163	E	Sg		347	56.30		-0.11					
LANS		65	294	E	Pg		347	51.80		-0.43					
LANS		65	294	E	Sg		347	59.40		-1.93					
CRVS		86	91	E	Pg		347	55.20		-0.79					
CRVS		86	91	E	Sg		348	05.90		-2.12					
PSZ		114	195	E	Pg	D	348	02.10		1.16					
PSZ		114	195	E	Sg		348	15.90		-0.92					
VYHS		116	246	E	Pg		348	01.10		-0.21					
VYHS		116	246	E	Sg		348	15.70		-1.79					

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OKC	186	304	E	Pn	348	11.80	1.09
OKC	186	304	E	Sn	348	33.00	-1.21
TRPA	187	118	E	Pn D	348	12.30	1.39
TRPA	187	118	E	Sn	348	31.90	-2.68
MORC	221	296	I	Pn	348	17.60	2.53
BURB	393	111	I	Pn	348	37.50	0.94

June 14 2012 **Hour: 08:13:46.8** **Lat: 48.075°N** **Lon: 20.250°E** **Depth: 8.0 km**
Magnitude: 1.2ML **Rms: 0.46 s** **Gap: 193°** **Erh: 5.4 km** **Erz: 2.9 km**
Locality: Bekölce **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PSZ		31	237	E	Pg	813	52.30	-0.32							
PSZ		31	237	E	Sg	813	57.40	0.23							
KECS		48	21	E	Pg	813	55.50	-0.10							
KECS		48	21	E	Sg	814	02.60	0.13							
VYHS		114	294	E	Pn	814	08.20	1.09							
VYHS		114	294	E	Sn	814	22.30	-0.66							
CRVS		128	44	E	Pn	814	08.60	-0.21							

June 14 2012 **Hour: 20:02:33.3** **Lat: 47.819°N** **Lon: 18.959°E** **Depth: 10.0 km**
Magnitude: 1.3ML **Rms: 1.30 s** **Gap: 127°** **Erh: 6.4 km** **Erz: 8.0 km**
Locality: Kismaros **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BUD		37	173	E	Pg	2002	42.80	2.59							
PSZ		70	81	E	Pg D	2002	45.50	-0.54							
PSZ		70	81	E	Sg	2002	55.60	-0.41							
CSKK		73	226	E	Pg	2002	45.30	-1.12							
CSKK		73	226	E	Sg	2002	52.00	-4.68							
VYHS		75	353	E	Pg	2002	47.80	0.92							
VYHS		75	353	E	Sg	2002	56.80	-0.70							
KECS		135	57	E	Pn	2002	56.30	0.39							
KECS		135	57	E	Sn	2003	13.40	-0.18							

June 18 2012 **Hour: 08:11:54.8** **Lat: 48.558°N** **Lon: 20.807°E** **Depth: 0.0 km**
Magnitude: 1.4ML **Rms: 0.56 s** **Gap: 172°** **Erh: 4.2 km** **Erz: 4.0 km**
Locality: Tornaádaska **Comments: probably explosion**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		25	251	E	Pg	811	59.20	-0.09							
KECS		25	251	E	Sg	812	03.60	0.81							
CRVS		61	52	E	Pg	812	06.10	0.32							
CRVS		61	52	E	Sg	812	14.10	-0.25							
PSZ		98	224	E	Pg	812	12.70	0.36							
PSZ		98	224	E	Sg	812	25.40	-0.62							
VYHS		145	267	E	Pn	812	19.10	-0.90							
VYHS		145	267	E	Sn	812	37.70	-1.97							

June 21 2012 **Hour: 20:32:02.9** **Lat: 48.792°N** **Lon: 19.995°E** **Depth: 14.9 km**
Magnitude: 1.6ML **Rms: 0.73 s** **Gap: 128°** **Erh: 4.1 km** **Erz: 3.5 km**
Locality: Slovakia **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		49	134	E	Pg	2032	12.20	-0.02							
KECS		49	134	E	Sg	2032	17.60	-1.87							
LANS		55	316	E	Pg	2032	13.80	0.62							
LANS		55	316	E	Sg	2032	20.60	-0.58							
VYHS		91	249	E	P*	2032	19.50	0.29							

VYHS	91	249	E	S*	2032	30.40	-1.52
PSZ	97	184	E	P*	2032	20.80	0.70
CRVS	108	84	E	Sn	2032	35.70	-0.39

June 30 2012 **Hour: 09:57:50.0** **Lat: 48.659°N** **Lon: 20.240°E** **Depth: 0.0 km**
Magnitude: 1.5ML **Rms: 0.59 s** **Gap: 119°** **Erh: 2.5 km** **Erz: 5.0 km**
Locality: Slovakia **Comments: probably explosion**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		26	137	E	Pg	957	54.90	-0.19							
KECS		26	137	E	Sg	957	58.30	-0.76							
LANS		78	314	E	Pg	958	04.60	0.43							
LANS		78	314	E	Sg	958	14.10	-1.12							
PSZ		86	197	E	Pg	958	05.80	0.29							
PSZ		86	197	E	Sg	958	18.40	0.79							
CRVS		93	73	E	Pg	958	07.40	0.56							
CRVS		93	73	E	Sg	958	19.50	-0.48							
VYHS		105	260	E	P*	958	08.70	-0.12							
VYHS		105	260	E	S*	958	21.50	-2.00							

July 01 2012 **Hour: 01:46:32.1** **Lat: 48.968°N** **Lon: 20.288°E** **Depth: 10.0 km**
Magnitude: 1.4ML **Rms: 0.87 s** **Gap: 166°** **Erh: 4.7 km** **Erz: 4.1 km**
Locality: Slovakia **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		55	165	E	Pg	146	42.80	0.54							
KECS		55	165	E	Sg	146	49.30	-0.86							
LANS		63	289	E	Pg	146	43.90	0.33							
LANS		63	289	E	Sg	146	51.40	-1.09							
CRVS		86	95	E	Pg	146	47.70	0.05							
CRVS		86	95	E	Sg	146	57.80	-1.95							
VYHS		119	244	E	Pn	146	53.30	0.57							
VYHS		119	244	E	Sn	147	07.80	-1.00							
PSZ		120	194	E	Pn	146	54.20	1.32							
PSZ		120	194	E	Sn	147	08.10	-0.97							

July 16 2012 **Hour: 09:36:17.0** **Lat: 47.984°N** **Lon: 19.435°E** **Depth: 10.0 km**
Magnitude: 1.3ML **Rms: 0.42 s** **Gap: 220°** **Erh: — km** **Erz: — km**
Locality: Cserhátsurány **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PSZ		35	102	E	Pg	D	936	23.20	-0.29						
PSZ		35	102	E	Sg		936	29.00	0.42						
VYHS		72	322	E	Pg		936	30.70	0.73						
VYHS		72	322	E	Sg		936	40.00	-0.10						
KECS		95	55	E	Pg		936	33.80	-0.37						
KECS		95	55	E	Sg		936	47.90	0.31						

July 17 2012 **Hour: 15:12:38.3** **Lat: 48.068°N** **Lon: 20.249°E** **Depth: 10.0 km**
Magnitude: 0.7ML **Rms: 0.50 s** **Gap: 194°** **Erh: 4.3 km** **Erz: 2.1 km**
Locality: Egercsehi **Comments:**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PSZ		31	238	E	Pg	C	1512	43.70	-0.41						
PSZ		31	238	E	Sg		1512	49.20	0.52						
KECS		49	21	E	Pg		1512	46.90	-0.35						
KECS		49	21	E	Sg		1512	54.80	0.52						
VYHS		115	294	E	Pn		1512	59.30	0.95						
VYHS		115	294	E	Sn		1513	14.00	-0.04						

CHAPTER 1. LOCAL EARTHQUAKES

CRVS 129 44 E Pn 1512 59.60 -0.49
 CRVS 129 44 E Sn 1513 17.30 0.18

August 06 2012 Hour: 08:13:04.9 Lat: 48.555°N Lon: 20.821°E Depth: 0.0 km
Magnitude: 1.6ML Rms: 0.57 s Gap: 173° Erh: 3.6 km Erz: 3.4 km
Locality: Hidvégdó Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		26	252	E Pg		813	09.10	-0.42							
KECS		26	252	E Sg		813	13.00	-0.14							
CRVS		60	51	E Pg		813	16.20	0.46							
CRVS		60	51	E Sg		813	23.90	-0.32							
PSZ		98	224	E Pg		813	23.20	0.70							
PSZ		98	224	E Sg		813	36.60	0.34							
VYHS		146	267	E Pn		813	29.60	-0.60							
VYHS		146	267	E Sn		813	47.40	-2.56							

August 12 2012 Hour: 05:40:30.5 Lat: 47.811°N Lon: 16.225°E Depth: 2.0 km
Magnitude: 1.1ML Rms: 1.29 s Gap: 96° Erh: 2.9 km Erz: 3.4 km
Locality: Austria Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SOP		28	120	E Pg	C	540	36.30	0.68							
SOP		28	120	E Sg		540	39.80	0.16							
CONA		30	296	Pg		540	36.50	0.65							
CONA		30	296	Sg		540	40.50	0.46							
ARSA		81	220	Pg		540	44.70	-0.36							
ARSA		81	220	Sg		540	54.70	-1.75							
MODS		100	51	E Pg		540	48.00	-0.38							
MODS		100	51	E Sg		541	00.70	-1.66							
SMOL		118	49	E Pg		540	51.50	-0.20							
SMOL		118	49	E Sg		541	07.10	-1.16							
MOA		146	272	Pn		540	55.20	-0.33							
MOA		146	272	Sn		541	13.00	-2.08							
SOKA		155	216	Pn		540	56.60	0.04							
SOKA		155	216	Sn		541	15.10	-1.82							
OBKA		192	221	Pn		541	04.70	3.44							
OBKA		192	221	Sn		541	27.70	2.43							
OBKA		192	221	E Sn		541	31.20	2.37							
KHC		244	307	E Pn		541	10.10	2.36							
KHC		244	307	E Sn		541	39.10	2.29							
GOPC		256	336	E Sn		541	42.10	2.64							
PRU		271	333	E Sn		541	46.00	3.17							
DPC		282	1	E Sn		541	49.60	4.39							
RETA		412	265	Pn		541	31.00	2.39							

August 17 2012 Hour: 08:54:09.6 Lat: 46.995°N Lon: 22.337°E Depth: 9.4 km
Magnitude: 1.6ML Rms: 0.25 s Gap: 167° Erh: 3.4 km Erz: 3.5 km
Locality: Romania Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DRGR		36	128	I Pg		854	16.30	-0.03							
CJR		101	108	I Pg		854	27.60	-0.16							
BMR		115	49	I Pn		854	30.30	0.43							
TRPA		127	7	I Pn		854	31.00	-0.30							
BZS		163	200	I Pn		854	35.80	0.03							
MDVR		250	191	I Pn	D	854	46.90	0.18							
DOPR		260	116	I Pn	D	854	49.50	1.54							

August 20 2012 **Hour: 10:20:15.1** **Lat: 48.607°N** **Lon: 20.763°E** **Depth: 0.0 km**
Magnitude: 1.2ML **Rms: 0.34 s** **Gap: 163°** **Erh: 6.1 km** **Erz: 4.9 km**

Locality: Slovakia

Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		24	236	E Pg		1020	19.20	-0.33							
KECS		24	236	E Sg		1020	23.50	0.54							
CRVS		61	57	E Pg		1020	26.30	0.29							
CRVS		61	57	E Sg		1020	34.20	-0.31							
PSZ		100	220	E Pg		1020	33.30	0.30							
PSZ		100	220	E Sg		1020	46.90	-0.04							
VYHS		142	265	E Pn		1020	39.60	-0.36							
VYHS		142	265	E Sn		1020	57.50	-1.83							

August 22 2012 **Hour: 07:51:23.3** **Lat: 48.615°N** **Lon: 20.758°E** **Depth: 0.0 km**
Magnitude: 1.4ML **Rms: 0.34 s** **Gap: 161°** **Erh: 7.9 km** **Erz: 6.3 km**

Locality: Slovakia

Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		24	234	E Sg		751	31.00	-0.17							
CRVS		60	58	E Pg		751	34.40	0.29							
CRVS		60	58	E Sg		751	42.20	-0.38							
PSZ		100	220	E Pg		751	41.60	0.39							
PSZ		100	220	E Sg		751	55.00	-0.22							
VYHS		142	265	E Pn		751	48.00	-0.06							
VYHS		142	265	E Sn		752	05.90	-1.51							

August 29 2012 **Hour: 10:29:30.1** **Lat: 48.627°N** **Lon: 20.720°E** **Depth: 0.0 km**
Magnitude: 1.6ML **Rms: 0.52 s** **Gap: 157°** **Erh: 2.1 km** **Erz: 4.5 km**

Locality: Slovakia

Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		23	227	E Pg		1029	34.30	-0.01							
KECS		23	227	E Sg		1029	38.00	0.40							
CRVS		62	61	E Pg		1029	41.50	0.25							
CRVS		62	61	E Sg		1029	49.40	-0.55							
PSZ		99	218	E Pg	C	1029	48.20	0.27							
PSZ		99	218	E Sg		1030	01.00	-0.84							
LANS		108	302	E Pg		1029	50.10	0.59							
LANS		108	302	E Sg		1030	04.10	-0.55							
VYHS		139	264	E Pn		1029	54.80	0.23							
VYHS		139	264	E Sn		1030	11.80	-1.86							

September 25 2012 **Hour: 07:06:42.5** **Lat: 48.381°N** **Lon: 19.894°E** **Depth: 0.0 km**
Magnitude: 1.5ML **Rms: 0.15 s** **Gap: 104°** **Erh: 0.8 km** **Erz: 223 km**

Locality: Slovakia

Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		45	76	E Pg		706	50.50	-0.10							
KECS		45	76	E Sg		706	57.00	0.10							
PSZ		51	180	E Pg	D	706	51.90	0.18							
PSZ		51	180	E Sg		706	58.70	-0.19							
VYHS		79	279	E Pg		706	56.70	0.02							
VYHS		79	279	E Sg		707	05.90	-1.82							
LANS		91	340	E Sg		707	11.40	-0.08							

CHAPTER 1. LOCAL EARTHQUAKES

September 27 2012 Hour: 17:05:21.8 Lat: 47.465°N Lon: 18.661°E Depth: 13.7 km
Magnitude: 2.1ML Rms: 0.54 s Gap: 229° Erh: 6.3 km Erz: 2.8 km

Locality: Bicske

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BUD		27	86	E Pg		1705	27.40	0.09							
BUD		27	86	E Sg		1705	31.10	-0.49							
PSZ		105	61	E Pn		1705	40.10	-0.16							
PSZ		105	61	E Sn		1705	54.60	-0.04							
VYHS		115	7	E Pn		1705	42.00	0.53							
VYHS		115	7	E Sn		1705	55.80	-1.00							
MODS		144	314	E Pn		1705	44.90	-0.24							
MODS		144	314	E Sn		1706	02.90	-0.42							
MODS		144	314	E Sn		1706	14.50	3.95							
LANS		196	18	E Pn		1705	55.30	3.65							
VRAC		255	323	I Pn		1706	00.10	1.09							
BZS		306	132	I Pn		1706	06.20	0.94							
DRGR		316	104	I Pn	D	1706	07.60	1.05							
DPC		363	332	E Pn		1706	14.10	1.63							
KHC		420	296	E Pn		1706	21.30	1.80							

October 16 2012 Hour: 12:10:58.5 Lat: 48.357°N Lon: 19.877°E Depth: 0.0 km
Magnitude: 1.9ML Rms: 0.48 s Gap: 106° Erh: 2.2 km Erz: 658 km

Locality: Slovakia

Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		47	73	E Pg		1211	06.40	-0.56							
KECS		47	73	E Sg		1211	12.90	-0.64							
PSZ		48	178	E Pg	C	1211	07.40	0.15							
PSZ		48	178	E Sg		1211	14.30	0.25							
VYHS		78	281	E Pg		1211	12.60	0.05							
VYHS		78	281	E Sg		1211	22.20	-1.28							
LANS		93	341	E Pg		1211	16.00	0.82							
KOLL		111	283	E Pg		1211	18.50	0.01							

October 29 2012 Hour: 08:34:53.4 Lat: 47.752°N Lon: 20.084°E Depth: 10.0 km
Magnitude: 1.9ML Rms: 1.38 s Gap: 205° Erh: 8.1 km Erz: 4.4 km

Locality: Detk

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PSZ		23	322	E Pg	C	834	58.00	0.04							
PSZ		23	322	E Sg		835	00.00	-1.49							
KECS		86	20	E Pg		835	11.90	2.90							
KECS		86	20	E Sg		835	20.60	-0.54							
VYHS		124	312	E Pn		835	16.10	1.42							
VYHS		124	312	E Sn		835	30.00	-1.25							
LTVH		142	107	E Sn		835	35.60	0.25							
LANS		162	344	E Sn		835	39.70	0.06							
NIE		186	5	E Sn		835	45.70	0.72							
TRPA		188	77	E Sn		835	41.90	-3.55							

November 13 2012 Hour: 09:44:02.4 Lat: 48.599°N Lon: 20.645°E Depth: 0.0 km
Magnitude: 1.7ML Rms: 0.45 s Gap: 271° Erh: 5.4 km Erz: 3.7 km

Locality: Slovakia

Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KECS		17	222	E Pg		944	04.90	-0.63							
KECS		17	222	E Sg		944	08.70	0.73							
PSZ		94	216	E Pg		944	19.50	0.30							

PSZ	94	216	E	Sg	944	32.40	0.10
LANS	105	305	E	Pg	944	21.50	0.17
LANS	105	305	E	Sg	944	35.70	-0.38
VYHS	134	265	E	Pn	944	26.40	0.23
VYHS	134	265	E	Sn	944	43.50	-1.19

November 15 2012 Hour: 03:17:33.0 Lat: 47.755°N Lon: 16.271°E Depth: 7.0 km
 Magnitude: 2.4ML Rms: 1.49 s Gap: 53° Erh: 3.0 km Erz: 2.8 km

Locality: Austria

Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SOP		23	110	E	Pg	C	317	38.70		1.42					
SOP		23	110	E	Sg		317	42.30		1.68					
CONA		36	302		Pg		317	39.80		0.23					
CONA		36	302		Sg		317	44.90		0.20					
ZST		79	52	E	Pg		317	46.60		-0.57					
ZST		79	52	E	Sg		317	56.50		-1.73					
ARSA		79	225		Pg		317	46.50		-0.75					
ARSA		79	225		Sg		317	55.50		-2.87					
MODS		101	47	E	Pg		317	50.40		-0.81					
MODS		101	47	E	Sg		318	03.80		-1.61					
SMOL		120	46	E	Pn		317	55.10		0.93					
SMOL		120	46	E	Sn		318	09.90		-0.78					
BEHE		147	165	E	Pn		317	57.80		0.23					
BEHE		147	165	E	Sn		318	16.20		-0.54					
MOA		150	274		Pn		317	57.90		-0.01					
MOA		150	274		Sn		318	16.20		-1.14					
SOKA		152	218		Pn		317	58.40		0.30					
SOKA		152	218		Sn		318	14.70		-2.98					
TIH		155	128	E	Pn		317	58.60		0.13					
TREC		180	341	E	Pn		318	02.70		1.03					
TREC		180	341	E	Sn		318	23.50		-0.54					
OBKA		190	223		Pn		318	04.90		2.02					
OBKA		190	223		Sn		318	26.10		-0.08					
VYHS		207	67	E	Pn		318	09.50		4.45					
KBA		233	251		Pn		318	11.70		3.48					
KBA		233	251		Sn		318	40.20		4.50					
MYKA		235	238		Pn		318	12.70		4.23					
MORH		248	133	E	Pn	D	318	09.80		-0.35					
MORH		248	133	E	Sn		318	35.40		-3.73					
KHC		251	308	E	Pn		318	10.20		-0.26					
KHC		251	308	E	Sn		318	38.20		-1.48					
KRLC		260	8	E	Pn		318	12.50		0.86					
ABTA		305	249		Pn		318	24.50		7.24					
ABTA		305	249		Sn		319	00.40		8.61					
WATA		356	262		Pn		318	23.50		-0.08					
SQTA		386	261		Pn		318	28.80		1.52					
SQTA		386	261		Sn		319	26.10		16.48					
MOTA		391	263		Pn		318	28.90		0.93					

CHAPTER 1. LOCAL EARTHQUAKES

December 19 2012 Hour: 10:56:47.4 Lat: 48.598°N Lon: 20.626°E Depth: 0.0 km
Magnitude: 1.9ML Rms: 0.23 s Gap: 164° Erh: 1.7 km Erz: 1.8 km
Locality: Slovakia Comments: probably explosion

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PSZ		93	216	E Pg		1057	04.00	0.00							
PSZ		93	216	E Sg		1057	16.80	-0.17							
LANS		104	306	E Pg		1057	06.20	0.10							
LANS		104	306	E Sg		1057	20.50	-0.21							
VYHS		132	265	E Pn		1057	11.00	0.50							
VYHS		132	265	E Sn		1057	28.30	-0.25							
TRPA		151	110	E Pn		1057	12.60	-0.18							
TRPA		151	110	E Sn		1057	28.00	-4.61							

December 25 2012 Hour: 17:01:35.5 Lat: 46.483°N Lon: 16.669°E Depth: 14.7 km
Magnitude: 2.5ML Rms: 0.45 s Gap: 115° Erh: 1.3 km Erz: 0.9 km
Locality: Szentmargitfalva Comments: felt 4-5 EMS

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BEHE		8	100	E Pg	C	1701	38.10	-0.39							
KOGS		32	263	I Pg		1701	41.90	0.08							
KOGS		32	263	I Sg		1701	47.00	0.24							
PTJ		84	220	I P*		1701	50.40	-0.36							
ZAG		89	216	I P*		1701	51.80	0.35							
GOLS		96	237	I P*		1701	52.40	-0.07							
GOLS		96	237	E Sn		1702	04.60	-1.12							
DOBS		99	248	I P*		1701	52.70	-0.29							
DOBS		99	248	E Sn		1702	05.40	-1.25							
TIH		104	64	E Pn	D	1701	53.60	-0.06							
TIH		104	64	E Sn		1702	08.00	0.15							
GCIS		105	230	I Pn		1701	53.90	0.10							
GCIS		105	230	E Sn		1702	08.80	0.71							
CESS		108	239	I Pn		1701	54.70	0.49							
CESS		108	239	I Sn		1702	08.10	-0.72							
CRES		118	232	I Pn		1701	55.70	0.27							
CRES		118	232	E Sn		1702	11.00	0.00							
LEGS		120	240	I Pn		1701	55.80	0.21							
LEGS		120	240	E Sn		1702	10.50	-0.78							
PERS		120	278	I Pn		1701	55.40	-0.22							
PERS		120	278	E Sn		1702	10.90	-0.43							
ARSA		122	314	Pn		1701	55.70	-0.15							
ARSA		122	314	Sn		1702	10.50	-1.25							
SOKA		127	280	Pn		1701	56.40	-0.10							
SOKA		127	280	Sn		1702	13.00	0.11							
SOP		133	356	E Pn	D	1701	57.30	0.00							
SOP		133	356	E Sn		1702	13.70	-0.62							
BOJS		154	225	I Pn		1702	00.30	0.40							
MORH		155	101	E Pn	D	1701	59.40	-0.55							
MORH		155	101	E Sn		1702	21.40	2.35							
VNDS		157	254	I Pn		1702	00.50	0.24							
VISS		160	242	I Pn		1702	01.00	0.39							
OBKA		162	271	Pn		1702	01.40	0.48							
OBKA		162	271	Sn		1702	24.00	3.23							
CONA		171	339	Pn		1702	02.30	0.23							
CONA		171	339	Sn		1702	24.40	1.59							
MOA		237	310	Pn		1702	11.60	1.40							
MOA		237	310	Sn		1702	37.50	0.21							

December 28 2012 Hour: 04:14:33.5 Lat: 47.559°N Lon: 16.506°E Depth: 0.5 km
 Magnitude: 1.1ML Rms: 0.56 s Gap: 229° Erh: 2.9 km Erz: 3.2 km
 Locality: Austria Comments:

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SOP		14	16	E Pg	C	414	36.00	-0.05							
SOP		14	16	E Sg		414	37.70	-0.35							
CONA		63	310	Pg		414	45.20	0.40							
CONA		63	310	Sg		414	53.10	-0.53							
ARSA		81	245	Pg		414	48.00	-0.08							
ARSA		81	245	Sg		414	58.70	-0.77							
MOA		171	281	Pn		415	03.40	1.60							
MOA		171	281	Sn		415	24.70	0.81							

2. Focal mechanisms

From the 51 earthquakes identified for the year 2012, it was possible to determine the focal mechanism in two cases. The computation were performed using the FPFIT computer program (Reasenberg and Oppenheimer, 1985). The results are shown in Table 2.1 and Figs. 2.1-2.2.

Date	Time	Lat ($^{\circ}$ N)	Lon ($^{\circ}$ N)	Depth (km)	Magn.	Strike ($^{\circ}$)	Dip ($^{\circ}$)	Rake ($^{\circ}$)
2012.01.07	05:43:25	45.711	21.158	8.9	2.8	220	80	160
2012.04.06	09:05:17	47.356	18.379	10.0	2.7	165	45	-40

Table 2.1: Parameters of earthquakes with computed focal mechanisms

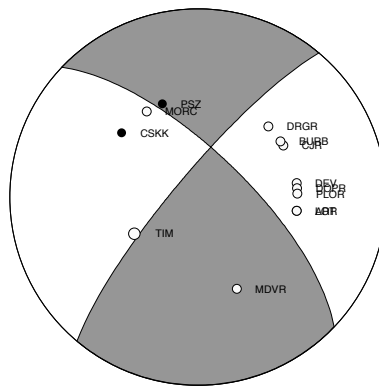


Figure 2.1:

Focal mechanism of the earthquake of 2012.01.07 05:43:25 UTC

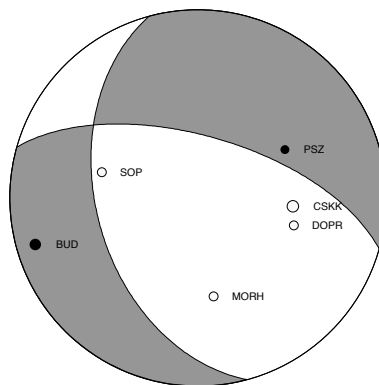


Figure 2.2:

Focal mechanism of the earthquake of 2012.04.06 09:05:17 UTC

3. Macroseismic data

During the year 2012 three earthquakes have been felt by the public in the territory of Hungary (Table 3.1). After the earthquakes macroseismic questionnaires have been sent to the affected settlements and surveys were also conducted on the website of the Observatory. In this Chapter the results of data processing are presented. In Tables 3.2-3.4 the name of affected settlements, their coordinates, the estimated EMS intensity values, their R relative reliability (Zsíros, 1994) and the number of reports (N) are shown.

Date	Time	Lat (°N)	Lon (°N)	Depth (km)	Magn. (ML)	Epic. intensity (EMS)
2012.03.20	01:21:23	47.985	20.359	6.9	2.4	III-IV
2012.04.06	09:05:17	47.356	18.379	10.0	2.7	V
2012.12.25	17:01:36	46.483	16.669	14.7	2.5	IV-V

Table 3.1: Parameters of Hungarian earthquakes felt by the public

2012.03.20 – Szarvaskő

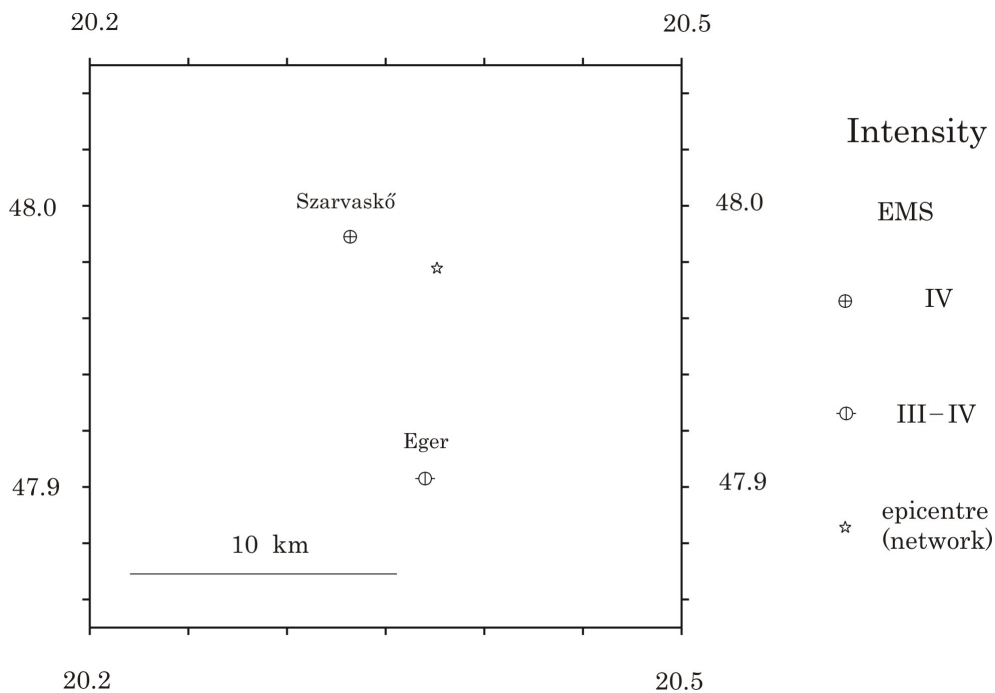


Figure 3.1: EMS intensity distribution of the earthquake of 2012.03.20 01:21:23 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	R (%)	N
Eger	47.903	20.370	III-IV	39	1
Szarvaskő	47.989	20.332	IV	51	2

Table 3.2: Felt EMS intensities of the earthquake of 2012.03.20 01:21:23 UTC

2012.04.06 – Gánt

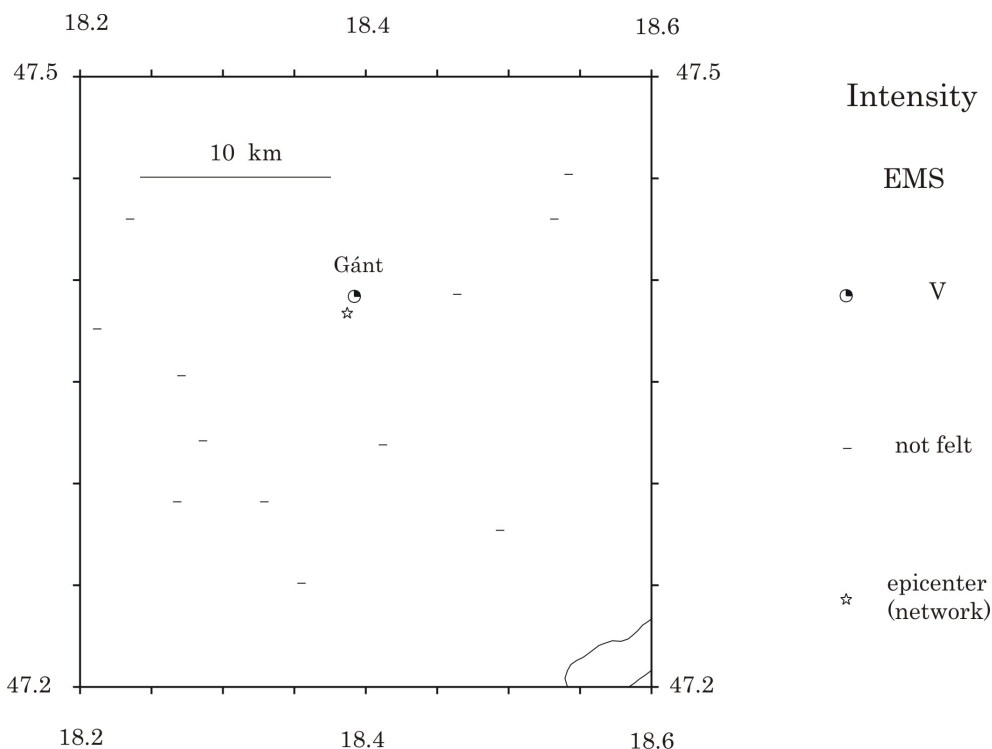


Figure 3.2: EMS intensity distribution of the earthquake of 2012.04.06 09:05:17 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	R (%)	N
Bodmér	47.452	18.542	I	0	1
Csákvár	47.393	18.464	I	0	2
Csókakő	47.353	18.271	I	0	2
Fehérvárcsurgó	47.291	18.268	I	0	1
Gánt	47.392	18.392	V	24	4
Magyaralmás	47.291	18.329	I	0	1
Mór	47.376	18.212	I	0	2
Pátka	47.277	18.494	I	0	1
Pusztavám	47.430	18.235	I	0	1
Sárkeresztes	47.251	18.355	I	0	2
Söréd	47.321	18.286	I	0	1
Vértesszőlős	47.430	18.532	I	0	2
Zámoly	47.319	18.412	I	0	2

Table 3.3: Felt EMS intensities of the earthquake of 2012.04.06 09:05:17 UTC

2012.12.25 – Szentmargitfalva

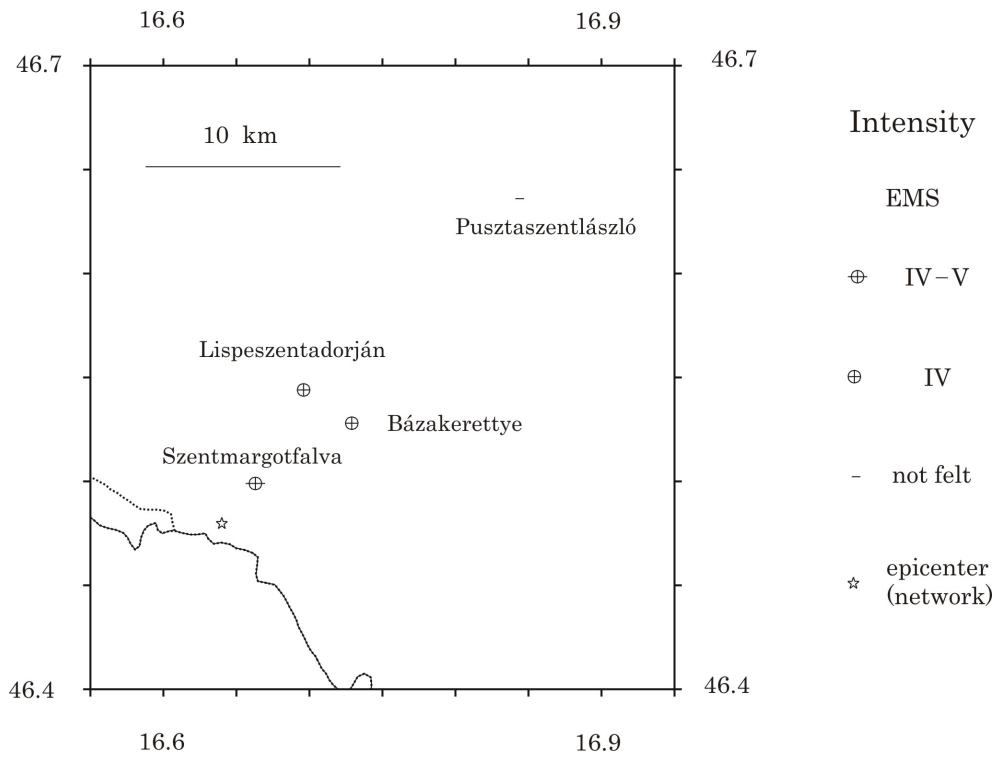


Figure 3.3: EMS intensity distribution of the earthquake of 2012.12.25 17:01:36 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	R (%)	N
Szentmargitfalva	46.499	16.663	IV-V	31	1
Pusztaszentlászló	46.636	16.844	I	0	1
Lispeszentadorján	46.544	16.696	IV	40	1
Bázakerettye	46.528	16.729	IV	43	1

Table 3.4: Felt EMS intensities of the earthquake of 2012.12.25 17:01:36 UTC

4. Regional and teleseismic earthquakes

In this chapter the phase and polarity data of the regional and teleseismic events and earthquakes of unknown origin recorded by the Hungarian National Seismological Network are reported. The data are listed in a similar way as in the case of local earthquakes (for the meaning of abbreviations see page 10). The source of focal parameters is the home page of the European–Mediterranean Seismological Centre (<http://www.emsc-csem.org/Earthquake/?view=65>).

January 01 2012 Hour: 03:17:14.0 Lat: 49.88°N Lon: 18.42°E M: 3.3 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPn		0317	52.38											
TRPA	SZ	EPn		0318	09.11											
CSKK	SZ	EPn		0317	56.23											
BUD	XZ	EPn		0317	59.96											
CSKK	SE	Sn		0318	26.43											
PSZ	SE	Sn		0318	19.09											
TRPA	SN	Sn		0318	52.42											
BUD	XN	Sn		0318	26.04											

January 01 2012 Hour: 05:27:56.0 Lat: 31.48°N Lon: 138.12°E M: 7.0 Depth: 365 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	IP		0539	50.14											
CSKK	SN	IS		0549	37.07											
TRPA	SZ	IP		0539	37.27											
TRPA	SZ	EPP		0541	32.51											
PSZ	SZ	IP		0539	44.49											
PSZ	SZ	EPP		0541	32.51											
BUD	XZ	IP		0539	47.47											
BUD	XZ	EPP		0541	42.35											
BEHE	SZ	EPP		0541	52.19											
PSZ	SN	IS		0549	34.61											
PSZ	SN	ESS		0551	58.50											
TRPA	SN	IS		0549	21.08											
TRPA	SN	ESS		0551	54.81											
BUD	XN	IS		0549	41.99											
BUD	XN	ESS		0552	09.57											
BEHE	SN	IS		0549	48.14											
BEHE	SN	ESS		0552	23.10											

January 01 2012 Hour: 18:09:03.0 Lat: 4.58°N Lon: 96.38°E M: 5.3 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		1821	11.06											
CSKK	SZ	EP		1821	04.77											

PSZ SZ EP 1820 57.67
 TRPA SZ EP 1820 49.15

January 01 2012 Hour: 20:00:57.0 Lat: 45.07°N Lon: 23.50°E M: 3.3 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EPn 2001 46.61
 PSZ SZ EPn 2001 58.99
 PSZ SN Sn 2002 38.64
 TRPA SE Sn 2002 23.61

January 01 2012 Hour: 23:57:19.0 Lat: 45.03°N Lon: 23.54°E M: 4.4 Depth: 6 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2358 34.22
 BUD XZ EPn 2358 24.15
 CSKK SZ EP 2358 26.38
 CSKK SZ EPn 2358 26.53
 PSZ SZ EPn 2358 22.90
 BUD XN Sn 2359 08.46
 PSZ SN Sn 2359 00.91
 BEHE SN Sn 2359 30.40
 CSKK SN Sn 2359 15.72
 TRPA SZ EPn 2358 08.91
 TRPA SN Sn 2358 45.89

January 02 2012 Hour: 00:17:17.0 Lat: 45.05°N Lon: 23.56°E M: 4.0 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 0018 23.12
 BUD XZ EPn C 0018 26.93
 TRPA SZ EPn 0018 05.62
 PSZ SZ EPn 0018 17.96
 PSZ SN Sn 0018 59.01
 TRPA SN Sn 0018 43.08
 CSKK SN Sn 0019 10.90
 BUD XE Sn 0019 05.29
 BEHE SZ EPn 0018 33.14
 BEHE SN Sn 0019 30.45

January 02 2012 Hour: 00:23:53.0 Lat: 45.08°N Lon: 23.56°E M: 4.0 Depth: 12 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EPn 0024 59.59
 BUD XN Sn 0025 41.15
 PSZ SN Sn 0025 33.55
 TRPA SN Sn 0025 19.76
 CSKK SN Sn 0025 47.27
 TRPA SZ EPn 0024 41.54
 TRPA SZ EPg 0024 51.39
 PSZ SZ EPn 0024 53.20
 PSZ SZ EPg 0024 59.37
 CSKK SZ EPn 0024 58.98
 CSKK SZ EPg 0025 08.19

January 02 2012 Hour: 01:08:45.0 Lat: 44.99°N Lon: 23.57°E M: 3.3 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

TRPA SZ EPn 0109 33.85
PSZ SZ EPn 0109 44.77
PSZ SN Sn 0110 27.12
TRPA SN Sn 0110 08.47

January 02 2012 Hour: 01:33:40.0 Lat: 44.98°N Lon: 23.56°E M: 3.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPn 0134 46.91
TRPA SZ EPn 0134 29.41
PSZ SN Sn 0135 22.41
TRPA SN Sn 0135 07.09
CSKK SN Sn 0135 35.57
BUD XN Sn D 0135 29.06
PSZ SZ EPn 0134 40.75
BUD XZ EPn 0134 42.26

January 02 2012 Hour: 01:45:38.0 Lat: 45.07°N Lon: 23.51°E M: 3.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SE Sn 0147 04.50
PSZ SZ EPn 0146 37.30
PSZ SZ EPg 0146 49.34
PSZ SN Sn 0147 19.39
TRPA SZ EPn 0146 28.21
TRPA SZ EPg 0146 38.37

January 05 2012 Hour: 16:53:39.0 Lat: 27.84°N Lon: 52.03°E M: 4.6 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP 1659 11.72
SOP SZ EP 1659 20.79

January 06 2012 Hour: 15:37:56.0 Lat: 52.11°N Lon: 17.54°E M: 3.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 1539 02.41
TRPA SZ EPn 1539 11.73
SOP SZ EPn 1539 04.85
SOP SE Sn 1540 12.14
TRPA SN Sn 1540 14.28
PSZ SE Sn 1539 56.89

January 07 2012 Hour: 18:38:08.0 Lat: 28.60°S Lon: 176.92°W M: 5.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EP 1858 37.51
PSZ SZ EP 1858 33.55
SOP SZ EP 1858 39.13
TRPA SZ EP 1858 27.32

January 07 2012 Hour: 20:59:28.0 Lat: 51.55°N Lon: 16.10°E M: 3.4 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
SOP SZ EPn 2100 29.73
SOP SN Sn 2101 17.30
SOP SN EPg 2101 33.33

January 07 2012 Hour: 23:00:10.0 Lat: 38.57°N Lon: 21.70°E M: 3.6 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 2302 29.88

January 08 2012 Hour: 22:13:09.0 Lat: 39.43°N Lon: 141.82°E M: 5.2 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 2225 06.42
 SOP SZ EP 2225 13.24
 TRPA SZ EP C 2224 58.51

January 09 2012 Hour: 04:07:16.0 Lat: 10.54°S Lon: 165.20°E M: 6.6 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP 0426 30.68
 SOP SZ IPP 0429 01.54
 TRPA SZ EP C 0426 23.86
 TRPA SZ IPP 0428 37.27
 BEHE SZ EP C 0426 31.46
 BEHE SZ IPP 0429 07.60
 BEHE SZ ISS 0447 13.63
 BUD XZ EP 0426 28.15
 BUD XZ IPP 0428 55.47
 BUD XZ IS 0446 39.25
 PSZ SZ EP C 0426 26.78
 PSZ SZ IPP 0428 53.45
 PSZ SZ ISS 0446 39.25
 SOP SN ISS 0447 05.54
 TRPA SN ISS 0446 19.02

January 10 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EPg D 1213 14.59
 TRPA SN ESg 1213 27.27

January 10 2012 Hour: 13:23:03.0 Lat: 44.98°N Lon: 18.13°E M: 2.6 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SN Sn 1323 50.40
 PSZ SN Sn 1324 36.10
 PSZ SZ EPn 1323 53.21
 BEHE SZ EPn 1323 30.92

January 10 2012 Hour: 13:08:38.0 Lat: 17.40°S Lon: 172.77°W M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 1328 21.85
 PSZ SZ EP 1328 25.15

January 10 2012 Hour: 18:25:45.0 Lat: 45.49°N Lon: 26.29°E M: 4.4 Depth: 140 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EPn D 1826 41.40
 PSZ SZ EPn 1826 58.90
 PSZ SN Sn 1827 58.45
 TRPA SN Sn 1827 21.51

January 10 2012 Hour: 18:36:59.0 Lat: 2.49°N Lon: 93.23°E M: 7.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EP 1848 56.90
 BUD XZ EP D 1848 54.51
 SOP SE IS 1858 59.26
 PSZ SE IS 1858 35.92
 CSKK SN IS 1858 49.26
 BUD XE IS 1858 39.26
 BEHE SE IS 1858 49.26
 BEHE SZ EP D 1849 02.06
 SOP SZ EP D 1849 02.87
 TRPA SZ EP D 1848 41.84
 TRPA SN IS 1858 19.25
 TRPA SN ESS 1903 15.20
 SOP SN ESS 1904 12.10
 BUD XN ESS 1904 23.14
 PSZ SZ EP D 1848 50.47
 PSZ SZ ES 1904 07.01

January 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0737 08.29
 CSKK SN ESg 0737 09.23

January 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0737 31.15
 CSKK SN ESg 0737 32.40

January 12 2012 Hour: 03:20:47.0 Lat: 37.04°N Lon: 141.05°E M: 5.7 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 0333 13.61
 CSKK SZ EP 0333 07.94
 PSZ SZ EP C 0333 01.64
 SOP SZ EP D 0333 10.46
 TRPA SZ EP 0332 53.14
 BUD XZ EP 0333 09.83

January 12 2012 Hour: 22:31:01.0 Lat: 16.55°S Lon: 173.32°W M: 5.3 Depth: 78 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2250 35.17

January 13 2012 Hour: 13:26:55.0 Lat: 45.06°N Lon: 23.52°E M: 3.6 Depth: 4 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SE Sn 1328 36.57
 TRPA SN Sn 1328 20.96
 TRPA SZ EPn 1327 44.11
 TRPA SZ EPg 1327 53.65
 PSZ SZ EPn 1327 54.82
 PSZ SZ EPg 1328 01.24

January 14 2012 Hour: 06:11:43.0 Lat: 52.82°N Lon: 159.59°E M: 5.0 Depth: 41 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 0623 08.87
 SOP SZ EP C 0623 21.48

PSZ SZ EP C 0623 14.88
 CSKK SZ EP 0623 20.72
 BUD XZ EP C 0623 18.74
 BEHE SZ EP 0623 27.26

January 16 2012 Hour: 11:01:37.0 Lat: 47.84°N Lon: 14.24°E M: 3.2 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SN EPn 1102 06.67
 BEHE SZ EPn 1102 16.27
 SOP SE Sn 1102 26.80
 BEHE SN Sn 1102 44.87

January 18 2012 Hour: 19:49:08.0 Lat: 38.92°N Lon: 22.45°E M: 3.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 1951 36.99
 PSZ SN Sn 1953 22.59

January 19 2012 Hour: 06:28:19.0 Lat: 18.11°N Lon: 68.76°W M: 5.1 Depth: 102 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 0639 55.74
 TRPA SZ EP C 0640 05.41

January 19 2012 Hour: 12:35:51.0 Lat: 36.37°N Lon: 58.95°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 1241 53.49
 PSZ SZ EP C 1242 08.56
 CSKK SZ EP 1242 21.76

January 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0907 49.94
 CSKK SN ESg 0907 55.65

January 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1002 23.18
 CSKK SZ EP 1002 15.97
 PSZ SZ EP 1002 07.66
 TRPA SZ EP D 1001 49.53

January 20 2012 Hour: 22:50:52.0 Lat: 4.48°N Lon: 125.34°E M: 5.4 Depth: 44 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2300 21.73
 BEHE SZ EP 2300 24.53

January 22 2012 Hour: 21:03:37.0 Lat: 3.64°N Lon: 36.04°E M: 5.1 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP D 2112 01.54
 TRPA SZ EP D 2111 58.38
 CSKK SZ EP C 2112 01.45
 BUD XZ EP 2112 00.31
 BEHE SZ EP 2112 03.23
 SOP SZ EP D 2112 07.53

SOP SZ EPP 2113 40.18

January 23 2012 Hour: 11:45:42.0 Lat: 37.13°N Lon: 141.01°E M: 5.4 Depth: 52 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ IP C 1157 49.00

SOP SZ IP C 1157 58.25

January 23 2012 Hour: 20:54:46.0 Lat: 41.33°N Lon: 20.28°E M: 3.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SN Sn 2057 31.80

CSKK SZ EPn 2056 19.31

January 23 2012 Hour: 20:50:13.0 Lat: 19.57°N Lon: 70.05°W M: 5.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP D 2102 10.80

SOP SZ EP 2101 48.53

PSZ SZ EP 2102 01.96

January 24 2012 Hour: 00:52:05.0 Lat: 24.99°S Lon: 178.56°E M: 6.4 Depth: 584 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP C 0111 16.05

BUD XZ EP C 0110 54.69

CSKK SZ EP 0110 56.21

PSZ SZ EP 0110 53.85

SOP SZ EP 0110 57.38

TRPA SZ EP 0110 50.15

January 24 2012 Hour: 10:52:21.0 Lat: 42.98°N Lon: 20.63°E M: 3.0 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SN Sn 1054 35.62

PSZ SZ EPn 1053 38.78

January 24 2012 Hour: 23:54:46.0 Lat: 45.53°N Lon: 10.96°E M: 4.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EPn 2356 02.26

BEHE SZ EPg 2356 05.40

BUD XZ EPn 2356 20.03

BUD XZ EPg 2356 33.10

CSKK SZ EPn 2356 06.96

CSKK SZ EPg 2356 21.86

PSZ SZ EPn 2356 23.69

PSZ SZ EPg 2356 35.97

SOP SZ EPn 2355 51.55

SOP SZ EPg 2356 06.18

January 25 2012 Hour: 00:46:00.0 Lat: 52.82°N Lon: 167.09°W M: 5.1 Depth: 43 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 0058 05.66

BUD XZ EP C 0058 06.02

CSKK SZ EP 0058 06.83

PSZ SZ EP C 0058 03.49

SOP SZ EP C 0058 04.84

TRPA SZ EP C 0058 00.86

January 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg D 0433 34.66
 CSKK SN ESg 0433 36.88

January 25 2012 Hour: 08:06:37.0 Lat: 44.85°N Lon: 10.54°E M: 4.9 Depth: 33 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 0807 54.65
 SOP SZ EPg 0808 14.40
 PSZ SZ IPn 0808 21.97
 PSZ SZ EPg 0808 53.06
 CSKK SZ IPn 0808 02.40
 CSKK SZ EPg 0808 29.63
 CSKK SN Sn 0809 15.31
 SOP SN Sn 0808 52.28
 SOP SN ESg 0809 23.51
 PSZ SN Sn 0809 41.46
 PSZ SN ESg 0810 32.23
 CSKK SE ESg 0809 49.44

January 25 2012 Hour: Lat: Lon: M: Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN Sn 1000 39.81
 CSKK SN Sn 1000 51.13
 CSKK SZ EPn 1000 12.82
 BEHE SZ EPn 1000 01.22
 PSZ SZ EPn 1000 06.43
 BEHE SN Sn 1000 29.62

January 25 2012 Hour: 20:42:55.0 Lat: 38.21°N Lon: 141.69°E M: 5.3 Depth: 49 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EPn C 2054 51.33
 TRPA SZ EP C 2054 51.33
 SOP SZ EP C 2055 08.03
 PSZ SZ EP C 2054 58.85
 CSKK SZ EP 2055 04.74
 BUD XZ EP 2055 02.45

January 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0147 27.68
 CSKK SN ISg 0147 28.73

January 26 2012 Hour: 04:24:59.0 Lat: 36.07°N Lon: 25.07°E M: 5.3 Depth: 14 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0427 50.50
 BUD XZ EPn 0427 54.62
 CSKK SZ EPn 0427 56.24
 PSZ SZ EPn 0427 57.23
 TRPA SZ EPn 0427 53.59
 SOP SZ EPn 0428 00.55

January 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0759 25.18
 CSKK SN ISg 0759 26.22

January 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2058 44.09
 SOP SZ EPn 2058 48.62
 BEHE SN Sn 2059 06.97
 SOP SN Sn 2059 03.34

January 26 2012 Hour: 22:04:06.0 Lat: 21.70°N Lon: 142.85°E M: 5.4 Depth: 311 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 2216 49.03
 TRPA SZ EP C 2216 41.62

January 27 2012 Hour: 00:48:15.0 Lat: 43.57°N Lon: 17.76°E M: 3.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0049 05.82
 PSZ SZ EPn 0049 24.89
 BEHE SN Sn 0049 40.73
 PSZ SN Sn 0050 20.70

January 27 2012 Hour: 01:33:23.0 Lat: 36.04°N Lon: 25.06°E M: 5.4 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0136 15.31
 CSKK SZ EP 0136 21.70
 PSZ SZ EP C 0136 22.32
 SOP SZ EP 0136 36.54
 TRPA SZ EP 0136 20.88
 TRPA SZ Sn 0138 33.16
 SOP SN Sn 0139 01.69
 PSZ SN Sn 0138 41.40
 BUD XZ EP 0136 20.05
 BUD XZ Sn 0138 39.50
 BEHE SN Sn 0138 35.06

January 27 2012 Hour: 14:53:14.0 Lat: 44.48°N Lon: 10.03°E M: 5.0 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 1454 43.21
 PSZ SZ EPn C 1455 01.31
 SOP SZ EPn D 1454 31.97
 TRPA SZ EPn C 1455 25.50
 BUD XZ EPn 1454 50.45
 SOP SN Sn 1455 30.26
 PSZ SN Sn 1456 20.37
 TRPA SN Sn 1456 58.08
 BUD XN Sn 1456 02.84
 BEHE SN Sn 1455 22.07
 BEHE SZ EPn 1454 26.04
 CSKK SN Sn 1455 50.06

January 27 2012 Hour: 23:26:49.0 Lat: 41.13°N Lon: 20.21°E M: 3.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN Sn 2329 54.90

January 28 2012 Hour: 00:22:17.0 Lat: 40.21°N Lon: 142.26°E M: 5.6 Depth: 41 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 0034 07.24
 SOP SZ EP C 0034 23.79
 PSZ SZ EP C 0034 14.68
 CSKK SZ EP 0034 20.79
 BEHE SZ EP C 0034 26.79
 TRPA SN ES 0043 56.49
 SOP SN ES 0044 48.43
 BUD XZ EP C 0034 18.13
 BUD XZ ES D 0044 22.15

January 28 2012 Hour: 17:42:55.0 Lat: 29.22°S Lon: 177.32°W M: 5.8 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 1803 10.43
 PSZ SZ EP 1803 17.18
 CSKK SZ EP 1803 21.49
 BEHE SZ EP 1803 02.23
 SOP SZ EP 1803 22.78

January 29 2012 Hour: 04:14:59.0 Lat: 38.80°N Lon: 43.67°E M: 4.4 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 0419 15.06
 PSZ SZ EP 0419 32.56
 CSKK SZ EP 0419 38.20
 SOP SZ EP 0419 53.69

January 30 2012 Hour: 05:11:01.0 Lat: 14.15°S Lon: 75.73°W M: 6.3 Depth: 38 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EPP 0524 39.17
 SOP SZ EPP C 0524 49.40
 PSZ SZ EPP C 0525 00.96
 CSKK SZ EPP 0524 55.68
 BUD XZ EPP 0524 57.00
 BEHE SZ EPP C 0524 50.39
 TRPA SN ESS 0536 05.95
 SOP SN ESS 0536 20.05
 PSZ SE ESS 0535 53.87
 BUD XE ESS 0535 53.87
 BEHE SE ESS 0535 47.83

January 31 2012 Hour: 05:14:37.0 Lat: 41.29°N Lon: 20.36°E M: 3.6 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 0516 17.53
 PSZ SN Sn 0517 32.88

January 31 2012 Hour: 07:26:11.0 Lat: 21.98°S Lon: 179.41°W M: 5.2 Depth: 610 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EP 0744 55.83

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

PSZ SZ EP 0744 53.50
SOP SZ EP 0744 57.24

February 01 2012 Hour: 07:15:28.0 Lat: 3.77°S Lon: 102.09°E M: 5.4 Depth: 75 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 0727 08.14
CSKK SZ EP 0727 13.00
TRPA SZ EP 0727 00.09
BEHE SZ EP C 0727 18.33

February 02 2012 Hour: 13:34:39.0 Lat: 17.71°S Lon: 167.19°E M: 7.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ IP 1354 06.08
BEHE SZ EP D 1354 03.88
BUD XZ EP D 1353 59.24
PSZ SZ IP 1354 00.58
PSZ SZ EP C 1353 57.92
SOP SZ IP 1354 05.76
SOP SZ EP 1353 59.24
TRPA SZ IP D 1354 02.20
TRPA SZ EP 1353 52.61

February 03 2012 Hour: 03:46:24.0 Lat: 17.38°S Lon: 167.28°E M: 6.0 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 0405 47.17
BUD XZ EP 0405 50.46
PSZ SZ EP D 0405 48.20
SOP SZ EP C 0405 48.20
TRPA SZ EP 0405 41.01
CSKK SZ EP 0405 44.91

February 04 2012 Hour: 04:09:34.0 Lat: 42.35°N Lon: 105.64°E M: 5.5 Depth: 3 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 0419 15.13
SOP SZ EP 0419 41.62
PSZ SZ EP C 0419 26.44
CSKK SZ EP 0419 35.87
BUD XZ EP C 0419 32.19
BEHE SZ EP 0419 44.71

February 04 2012 Hour: 07:40:13.0 Lat: 20.52°S Lon: 174.00°W M: 5.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 0800 05.39
SOP SZ EP 0800 07.43
TRPA SZ EP 0800 02.64
CSKK SZ EP 0800 07.16
BUD XZ EP 0800 06.54
BEHE SZ EP 0800 01.57

February 04 2012 Hour: 21:50:51.0 Lat: 13.70°N Lon: 57.53°E M: 5.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP D 2159 18.08

February 04 2012 Hour: 22:43:04.0 Lat: 56.14°S Lon: 141.67°E M: 4.6 Depth: 54 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2255 36.04
 PSZ SZ EP 2255 41.87

February 05 2012 Hour: 00:06:01.0 Lat: 18.93°N Lon: 168.94°E M: 6.1 Depth: 162 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0029 34.25
 PSZ SZ EP 0029 20.59
 SOP SZ EP 0029 22.15

February 05 2012 Hour: 07:10:16.9 Lat: 41.51°N Lon: 78.87°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 0717 27.14
 SOP SZ EP C 0718 07.12
 PSZ SZ EP 0717 47.08
 CSKK SZ EP 0717 53.24
 BUD XZ EP 0717 53.24
 BEHE SZ EP 0718 01.15

February 05 2012 Hour: 16:40:40.0 Lat: 17.94°S Lon: 167.22°E M: 6.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP D 1700 08.63
 BEHE SZ EP C 1700 09.77
 CSKK SZ EP 1700 05.85
 PSZ SZ EP 1700 04.38
 SOP SZ EP C 1700 08.63
 TRPA SZ EP D 1700 05.20

February 05 2012 Hour: 23:50:42.0 Lat: 20.45°S Lon: 177.97°W M: 5.1 Depth: 542 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 0009 34.35
 BUD XZ EP 0009 30.69
 CSKK SZ EP C 0009 31.77
 PSZ SZ EP D 0009 29.46
 SOP SZ EP D 0009 32.92
 TRPA SZ EP D 0009 26.37

February 06 2012 Hour: 03:49:17.0 Lat: 10.06°N Lon: 123.27°E M: 6.7 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 0402 24.02
 BEHE SE IS 0419 39.11
 BUD XE IS 0419 39.11
 PSZ SE IS 0419 28.77
 SOP SN IS 0420 06.02
 TRPA SE IS 0418 55.65
 BEHE SZ EP C 0402 29.92
 BEHE SZ ES 0414 47.31
 BEHE SZ IP 0406 03.71
 BUD XZ EP C 0402 20.39
 BUD XZ ES 0414 32.82
 BUD XZ IP 0405 59.57
 PSZ SZ EP C 0402 18.58

PSZ SZ ES 0414 24.54
 PSZ SZ IP 0405 59.57
 SOP SZ EP 0402 28.11
 SOP SZ ES 0414 45.24
 SOP SZ IP 0406 09.92
 TRPA SZ EP C 0402 09.96
 TRPA SZ ES 0414 05.92
 TRPA SZ IP 0405 36.81

February 06 2012 Hour: 10:10:26.0 Lat: 9.93°S Lon: 123.11°E M: 6.1 Depth: 50 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 1023 24.69

February 08 2012 Hour: 01:58:43.0 Lat: 29.54°S Lon: 177.33°W M: 5.3 Depth: 55 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0219 03.87
 TRPA SZ EP D 0218 57.67

February 08 2012 Hour: 04:28:22.0 Lat: 40.81°N Lon: 20.53°E M: 4.0 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0430 07.81
 CSKK SZ EPn 0430 02.85

February 08 2012 Hour: 12:01:37.0 Lat: 37.91°N Lon: 138.03°E M: 5.4 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 1213 30.31
 SOP SZ EP C 1213 47.94
 PSZ SZ EP C 1213 38.34
 CSKK SZ EP 1213 44.63
 BUD XZ EP 1213 41.82
 BEHE SZ EP C 1213 51.75

February 09 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 1648 10.20
 CSKK SN ISg 1648 10.63

February 10 2012 Hour: 01:47:33.0 Lat: 17.94°S Lon: 178.52°W M: 6.0 Depth: 570 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0206 16.86
 BUD XZ EP 0206 13.26
 CSKK SZ EP C 0206 13.73
 MORH SZ EP 0206 15.24
 PSZ SZ EP D 0206 10.96
 SOP SZ EP D 0206 14.67
 TRPA SZ EP D 0206 07.56

February 12 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0919 59.78
 PSZ SN Sn 0920 12.39

February 13 2012 Hour: 10:55:12.0 Lat: 9.23°N Lon: 84.10°W M: 5.8 Depth: 30 km

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP		1108	20.74											
PSZ	SZ	IPP		1111	52.96											
SOP	SZ	EP	C	1108	09.90											
SOP	SZ	IPP		1111	45.61											
BEHE	SZ	EP	C	1108	11.78											
BEHE	SZ	IPP		1111	42.75											
BEHE	SZ	ES		1119	06.65											
BUD	XZ	EP	C	1108	17.65											
BUD	XZ	IPP		1111	57.05											
BUD	XZ	ES		1119	25.31											
BEHE	SN	ISS		1125	17.72											
PSZ	SN	ES		1119	23.24											
PSZ	SN	ISS		1125	44.66											
SOP	SN	ES		1118	50.07											
SOP	SN	ISS		1125	23.93											

February 13 2012 Hour: 21:07:02.0 Lat: 41.14°N Lon: 123.88°W M: 5.7 Depth: 29 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		2119	39.42											
BUD	XZ	EP		2119	39.64											
CSKK	SZ	EP		2119	40.08											
PSZ	SZ	EP		2119	38.76											
SOP	SZ	EP	D	2119	34.89											
TRPA	SZ	EP	D	2119	41.52											

February 14 2012 Hour: 01:34:39.0 Lat: 40.13°N Lon: 24.09°E M: 5.3 Depth: 4 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		0136	40.42											
BUD	XZ	EPn		0136	41.87											
CSKK	SZ	EPn		0136	41.14											
PSZ	SZ	EPn		0136	41.87											
SOP	SZ	EPn		0136	54.04											
BEHE	SN	Sn		0138	14.97											
BUD	XN	Sn		0138	12.41											
PSZ	SN	Sn		0138	16.68											
TRPA	SZ	EPn		0136	36.21											
TRPA	SZ	Sn		0138	10.70											
SOP	SN	Sn		0138	42.69											

February 14 2012 Hour: 03:27:50.0 Lat: 36.26°N Lon: 141.37°E M: 5.4 Depth: 30 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP	C	0340	04.41											
SOP	SZ	EP	C	0340	13.53											
TRPA	SZ	EP	C	0339	56.99											
CSKK	SZ	EP		0340	09.97											
BUD	XZ	EP	C	0340	08.27											
BEHE	SZ	EP	C	0340	17.09											

February 14 2012 Hour: 06:21:58.0 Lat: 36.27°N Lon: 141.40°E M: 5.8 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP	C	0634	16.12											
PSZ	SZ	IPP		0637	24.19											

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

SOP SZ EP C 0634 25.66
SOP SZ IPP 0637 24.76
BUD XZ EP C 0634 20.59
BUD XZ IPP 0637 24.76
BEHE SZ EP 0634 08.37
BEHE SZ IPP 0637 02.58
BEHE SN IS 0644 51.63
BUD XN IS 0644 21.27
PSZ SN IS 0644 44.22
TRPA SZ EP C 0634 08.67
TRPA SZ IPP 0637 08.84
TRPA SZ IS 0644 22.75
SOP SE IS 0644 42.00

February 14 2012 Hour: 08:19:57.0 Lat: 10.39°S Lon: 161.12°E M: 6.4 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 0839 05.59
BEHE SZ IP 0841 33.07
PSZ SZ EP D 0839 02.08
PSZ SZ IP 0841 29.18
SOP SZ EP 0839 05.00
SOP SZ IP 0841 24.81
TRPA SZ EP C 0838 57.80
TRPA SZ IP 0841 08.30

February 14 2012 Hour: 10:48:21.0 Lat: 39.27°N Lon: 144.52°E M: 5.1 Depth: 35 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP C 1100 28.73
TRPA SZ EP C 1100 21.77
SOP SZ EP C 1100 37.71

February 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ IPg 1658 38.65
CSKK SN ISg 1658 39.21

February 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 1756 17.79
CSKK SN ISg 1756 18.39

February 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg C 1758 30.35
CSKK SN ISg 1758 30.92

February 14 2012 Hour: 23:39:16.0 Lat: 0.86°N Lon: 29.23°W M: 5.4 Depth: 4 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 2349 55.72
CSKK SZ EP 2349 36.76
BEHE SZ EP C 2349 28.24
BUD XZ EP C 2349 40.50
MORH SZ EP C 2349 33.90

PSZ SZ EP C 2349 45.72
 SOP SZ EP C 2349 31.65

February 15 2012 Hour: 01:49:36.0 Lat: 19.31°S Lon: 177.23°W M: 5.3 Depth: 316 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP D 0208 47.43
 TRPA SZ EP 0208 40.70
 PSZ SZ EP 0208 46.48
 MORH SZ EP 0208 48.17
 CSKK SZ EP 0208 45.90
 BUD XZ EP 0208 45.97
 BEHE SZ EP 0208 49.56

February 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ IPg 0306 43.37
 CSKK SN ISg 0306 43.97

February 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0312 28.44
 CSKK SN ISg 0312 29.03

February 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0342 18.79
 CSKK SN ISg 0342 19.40

February 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0501 44.02
 CSKK SN ISg 0501 44.65

February 15 2012 Hour: 06:28:36.0 Lat: 37.86°N Lon: 141.53°E M: 5.0 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 0640 33.65
 PSZ SZ EP 0640 41.39

February 16 2012 Hour: 22:28:53.0 Lat: 50.23°N Lon: 18.85°E M: 2.9 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 2229 40.47
 SOP SZ EP 2229 41.98
 PSZ SN Sn 2230 04.46
 SOP SN Sn 2230 17.10

February 17 2012 Hour: 15:44:21.0 Lat: 32.43°N Lon: 82.82°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 1552 56.22
 SOP SZ EP 1553 26.79
 CSKK SZ EP 1553 35.84

February 17 2012 Hour: 15:44:21.0 Lat: 32.43°N Lon: 82.82°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1553 27.33

February 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0616 14.92

CSKK SE ESg 0616 16.33

February 18 2012 Hour: 19:15:21.0 Lat: 20.28°S Lon: 173.44°W M: 5.4 Depth: 26 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 1935 11.85

SOP SZ EP 1935 13.45

TRPA SZ EP D 1935 08.04

CSKK SZ EP 1935 13.57

BUD XZ EP 1935 12.22

BEHE SZ EP 1935 15.41

February 19 2012 Hour: 05:54:50.0 Lat: 38.76°N Lon: 140.42°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 0607 01.70

TRPA SZ EP D 0606 53.86

SOP SZ EP 0607 10.66

February 20 2012 Hour: 00:50:02.0 Lat: 38.77°N Lon: 43.19°E M: 4.4 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EP 0054 39.22

SOP SZ EP 0054 51.66

February 20 2012 Hour: 02:23:59.0 Lat: 41.48°N Lon: 73.07°E M: 5.0 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 0230 56.52

SOP SZ EP 0231 31.12

MORH SZ EP 0231 21.67

February 20 2012 Hour: 02:28:17.0 Lat: 1.86°N Lon: 99.54°E M: 5.2 Depth: 189 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EP D 0240 26.28

PSZ SZ EP 0240 14.87

TRPA SZ EP 0240 06.75

February 21 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0121 10.95

CSKK SN ESg 0121 14.73

February 21 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SN ESg 0324 32.54

CSKK SZ EPg D 0324 31.95

February 21 2012 Hour: 13:50:41.0 Lat: 67.68°N Lon: 166.69°W M: 5.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP D 1401 18.65

SOP SZ EP D 1401 22.80

PSZ SZ EP 1401 20.89
 CSKK SZ EP 1401 24.93
 BEHE SZ EP 1401 30.35

February 22 2012 Hour: 00:07:47.0 Lat: 17.67°S Lon: 178.77°W M: 4.7 Depth: 534 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 0026 31.76
 PSZ SZ EP 0026 26.52
 SOP SZ EP 0026 30.54
 TRPA SZ EP 0026 22.63
 BUD XZ EP C 0026 28.35

February 22 2012 Hour: 02:23:18.0 Lat: 37.59°N Lon: 21.65°E M: 4.5 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0225 32.24
 BUD XZ EPn 0225 37.88
 MORH SZ EPn 0225 21.96
 PSZ SZ EPn 0225 43.93
 BUD XN Sn 0227 31.13
 BEHE SN Sn 0227 20.25
 MORH SN Sn 0227 03.12
 PSZ SE Sn 0227 39.19
 TRPA SN Sn 0226 09.94

February 23 2012 Hour: 04:05:32.0 Lat: 20.50°S Lon: 178.62°W M: 5.2 Depth: 564 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 0424 11.78
 SOP SZ EP 0424 18.54
 PSZ SZ EP 0424 14.94
 MORH SZ EP 0424 18.92
 CSKK SZ EP 0424 17.72
 BUD XZ EP 0424 16.59

February 23 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0850 09.32
 CSKK SE ESg 0850 10.14

February 23 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0850 22.42
 CSKK SE ESg 0850 23.46

February 24 2012 Hour: 00:05:09.0 Lat: 43.26°N Lon: 20.96°E M: 2.7 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0006 16.40
 MORH SZ EPn 0006 02.70
 PSZ SZ EPn 0006 24.72
 BEHE SN Sn 0007 09.20
 PSZ SN Sn 0007 17.56
 MORH SN Sn 0006 43.76
 MORH SN ESg 0007 00.85

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February 24 2012 Hour: 02:40:57.0 Lat: 26.00°S Lon: 177.57°W M: 4.9 Depth: 18 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
SOP SZ EP 0300 55.66
PSZ SZ EP 0301 16.10

February 24 2012 Hour: 13:07:12.0 Lat: 38.82°N Lon: 43.59°E M: 4.5 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP 1311 40.12

February 24 2012 Hour: 17:31:37.0 Lat: 42.49°N Lon: 19.23°E M: 4.0 Depth: 7 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 1732 44.31
CSKK SZ EPn 1732 51.85
PSZ SZ EPn 1732 57.82
CSKK SN Sn 1733 53.94
BEHE SN Sn 1733 36.63
PSZ SN Sn 1734 02.34

February 25 2012 Hour: 06:18:18.0 Lat: 49.19°N Lon: 155.97°E M: 5.0 Depth: 157 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
SOP SZ EP 0627 05.70
PSZ SZ EP 0626 58.84
CSKK SZ EP 0627 04.62
BUD XZ EP 0627 03.02
BEHE SZ EP 0627 14.61
MORH SZ EP 0627 12.94
TRPA SZ EP 0626 53.07

February 25 2012 Hour: 06:18:18.0 Lat: 49.19°N Lon: 155.97°E M: 5.0 Depth: 157 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 0630 00.92
BUD XZ EP 0630 51.36
MORH SZ EP 0629 57.77
PSZ SZ EP C 0629 49.10
SOP SZ EP C 0629 56.12
TRPA SZ EP 0629 42.56
CSKK SZ EP C 0629 54.58

February 25 2012 Hour: 16:52:00.0 Lat: 49.15°N Lon: 156.07°E M: 5.1 Depth: 46 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP C 1703 43.86
SOP SZ EP C 1703 51.23

February 25 2012 Hour: 20:34:35.0 Lat: 38.40°N Lon: 13.49°E M: 4.2 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPn 2036 52.98
CSKK SN Sn 2038 28.50

February 26 2012 Hour: 02:34:57.0 Lat: 22.27°N Lon: 120.84°E M: 5.9 Depth: 3 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EP 0247 16.95
BEHE SZ EP C 0247 22.51
BEHE SZ EPP 0250 34.18

BEHE SZ ES	0257 46.26
BUD XZ EP	C 0247 13.58
BUD XZ ES	0257 27.76
MORH SZ EP	C 0247 16.95
MORH SZ ES	0257 35.11
PSZ SZ EP	0247 06.83
PSZ SZ EPP	0250 19.00
PSZ SZ ES	0257 20.14
SOP SZ EP	C 0247 21.32
SOP SZ EPP	0250 33.03
SOP SZ ES	0257 40.55
TRPA SZ EP	C 0247 00.48
TRPA SZ EPP	0250 02.81
TRPA SZ ES	0257 01.64

February 26 2012 Hour: 05:24:54.0 Lat: 32.44°S Lon: 177.66°W M: 5.8 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP	0541 27.00
PSZ SZ EP	0541 23.57
SOP SZ EP	0541 32.38
TRPA SZ EP	0541 21.18

February 26 2012 Hour: 05:24:54.0 Lat: 32.44°S Lon: 177.66°W M: 5.8 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP	D 0545 26.21
SOP SZ EP	D 0545 39.97
PSZ SZ EP	D 0545 32.76
MORH SZ EP	0545 40.26
CSKK SZ EP	0545 36.84
BEHE SZ EP	C 0545 42.37

February 26 2012 Hour: 06:17:19.0 Lat: 51.52°N Lon: 95.99°E M: 6.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ IP	0626 02.18
CSKK SZ ESS	0633 08.46
BEHE SZ IP	C 0626 11.37
BEHE SZ EP	0628 03.64
BEHE SZ ESS	0633 10.84
BEHE SZ ES	0636 58.54
BUD XZ IP	C 0625 56.93
BUD XZ EP	0627 47.22
BUD XZ ESS	0633 00.85
BUD XZ ES	0636 26.74
MORH SZ IP	C 0626 04.81
MORH SZ EP	0627 53.79
MORH SZ IS	0633 07.04
MORH SZ ES	0636 42.43
PSZ SZ IP	C 0625 52.33
PSZ SZ EP	0627 38.36
PSZ SZ ESS	0632 42.28
PSZ SZ ES	0636 12.69
SOP SZ IP	C 0626 08.09
SOP SZ EP	0627 58.71

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SOP SZ ESS 0633 12.24
SOP SZ ES 0636 49.87
TRPA SZ IP C 0625 40.19
TRPA SZ EP 0627 17.68
TRPA SZ ESS 0632 20.87
TRPA SZ ES 0635 43.21

February 26 2012 Hour: 11:07:41.0 Lat: 51.66°N Lon: 95.15°E M: 5.2 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP 1116 14.08
SOP SZ EP 1116 18.19

February 26 2012 Hour: 11:52:25.0 Lat: 51.53°N Lon: 16.13°E M: 4.0 Depth: 1 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn C 1153 31.15
SOP SZ EPn 1153 26.49
SOP SN Sn 1154 13.02
PSZ SN Sn 1154 19.98
SOP SE ESg 1154 30.49
PSZ SE ESg 1154 47.09

February 26 2012 Hour: 11:59:05.0 Lat: 51.76°N Lon: 96.00°E M: 5.3 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP C 1207 58.38
TRPA SZ EP C 1207 25.71
SOP SZ EP C 1207 54.42
PSZ SZ EP C 1207 39.04
MORH SZ EP C 1207 50.81
CSKK SZ EP 1207 45.53
BUD XZ EP C 1207 44.57

February 26 2012 Hour: 16:27:15.0 Lat: 17.98°S Lon: 178.50°W M: 5.0 Depth: 596 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 1645 47.03
SOP SZ EP C 1645 54.28
PSZ SZ EP 1645 51.41
MORH SZ EP 1645 56.13
CSKK SZ EP 1645 53.94
BUD XZ EP 1645 52.79
BEHE SZ EP 1645 59.92

February 26 2012 Hour: 22:37:55.0 Lat: 44.54°N Lon: 6.66°E M: 4.8 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 2239 44.76
BUD XZ EPn 2240 06.75
CSKK SZ EPn 2240 02.17
MORH SZ EPn 2240 01.95
PSZ SZ EPn 2240 17.68
SOP SZ EPn 2239 46.77
TRPA SZ EPn 2240 40.22
SOP SN Sn 2241 09.58
BEHE SN Sn 2241 06.62
CSKK SN Sn 2241 33.22

TRPA SN Sn 2242 45.91

February 27 2012 Hour: 01:11:47.0 Lat: 23.99°N Lon: 123.31°E M: 5.3 Depth: 27 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 0123 50.56

SOP SZ EP C 0124 10.82

PSZ SZ EP C 0123 59.87

MORH SZ EP C 0124 07.84

CSKK SZ EP 0124 06.32

BUD XZ EP C 0124 03.58

February 27 2012 Hour: 05:07:46.0 Lat: 46.96°N Lon: 152.74°E M: 5.4 Depth: 53 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 0519 27.68

SOP SZ EP C 0519 41.90

PSZ SZ EP C 0519 33.94

CSKK SZ EP 0519 39.79

BUD XZ EP C 0519 37.82

February 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPg C 1502 53.62

PSZ SN ISg 1502 56.82

February 27 2012 Hour: 20:12:11.0 Lat: 20.32°S Lon: 178.65°W M: 5.0 Depth: 593 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP 2030 53.77

CSKK SZ EP 2030 54.40

PSZ SZ EP D 2030 51.80

SOP SZ EP D 2030 55.30

TRPA SZ EP D 2030 48.57

February 28 2012 Hour: 05:20:47.1 Lat: 36.22°N Lon: 141.27°E M: 5.0 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP D 0532 59.91

SOP SZ EP 0533 16.95

PSZ SZ EP D 0533 07.60

CSKK SZ EP C 0533 13.54

February 28 2012 Hour: 05:33:31.0 Lat: 49.33°N Lon: 156.15°E M: 5.2 Depth: 31 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 0545 09.47

SOP SZ EP C 0545 22.29

PSZ SZ EP C 0545 15.23

CSKK SZ EP C 0545 21.14

February 28 2012 Hour: 15:07:35.0 Lat: 28.25°N Lon: 139.34°E M: 5.5 Depth: 502 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP D 1519 17.85

SOP SZ EP D 1519 33.87

PSZ SZ EP D 1519 25.35

CSKK SZ EP 1519 30.41

BUD XZ EP 1519 37.25

BEHE SZ EP 1519 37.48

February 28 2012 Hour: 15:24:21.0 Lat: 49.05°N Lon: 156.19°E M: 5.3 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 1535 59.63

SOP SZ EP C 1536 13.27

PSZ SZ EP C 1536 06.17

CSKK SZ EP 1536 11.60

BUD XZ EP C 1536 09.50

BEHE SZ EP C 1536 18.37

February 28 2012 Hour: 22:52:38.0 Lat: 37.27°N Lon: 144.13°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 2305 09.17

BUD XZ EP 2305 00.38

CSKK SZ EP 2304 54.45

PSZ SZ EP D 2304 56.90

SOP SZ EP D 2305 05.49

TRPA SZ EP D 2304 49.13

February 28 2012 Hour: 23:18:55.0 Lat: 32.53 °N Lon: 47.11°E M: 4.6 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 2324 22.85

February 29 2012 Hour: 01:22:50.0 Lat: 49.30°N Lon: 156.25°E M: 5.2 Depth: 27 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EP C 0134 42.66

PSZ SZ EP 0134 35.04

BUD XZ EP 0134 43.69

BEHE SZ EP C 0134 48.22

February 29 2012 Hour: 11:36:35.0 Lat: 49.25°N Lon: 156.17°E M: 5.3 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1148 29.37

TRPA SZ EP C 1148 12.56

SOP SZ EP C 1148 26.52

PSZ SZ EP C 1148 19.10

BUD XZ EP 1148 20.62

February 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 2139 37.74

CSKK SN ESg 2139 39.26

February 29 2012 Hour: 22:32:34.0 Lat: 36.49°N Lon: 140.46°E M: 5.4 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 2244 33.30

SOP SZ EP C 2244 49.63

PSZ SZ EP C 2244 40.82

CSKK SZ EP 2244 46.96

BUD XZ EP C 2244 44.58

BEHE SZ EP C 2244 53.79

March 01 2012 Hour: 00:15:58.0 Lat: 37.34°N Lon: 144.20°E M: 5.0 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP C 0028 27.53
 TRPA SZ EP 0028 11.69
 PSZ SZ EP 0028 17.95

March 01 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ IPg 0821 21.71
 CSKK SE ESg 0821 23.08
 CSKK SE IAML 0821 27.28

March 01 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1212 12.23
 CSKK SN ISg 1212 13.81
 CSKK SN IAML 1212 14.04

March 01 2012 Hour: 16:40:15.0 Lat: 49.10°N Lon: 156.15°E M: 5.0 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 1652 01.05
 CSKK SZ EP C 1652 06.69
 SOP SZ EP C 1652 08.16
 TRPA SZ EP 1651 54.96

March 02 2012 Hour: 10:11:41.0 Lat: 35.29°N Lon: 141.02°E M: 5.2 Depth: 15 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 1024 01.39
 SOP SZ EP 1024 10.52
 TRPA SZ EP C 1023 53.48

March 02 2012 Hour: 12:18:38.0 Lat: 52.73°N Lon: 160.26°E M: 5.0 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 1230 09.37

March 02 2012 Hour: 13:40:13.0 Lat: 39.79°N Lon: 74.37°E M: 5.1 Depth: 52 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1347 48.51
 TRPA SZ EP 1347 27.38

March 03 2012 Hour: 01:04:26.0 Lat: 40.81°N Lon: 15.18°E M: 3.6 Depth: 14 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0105 51.63
 MORH SZ EPn 0105 53.04
 SOP SZ EPn 0106 06.55
 BEHE SN Sn 0107 00.72
 MORH SN Sn 0107 05.29
 SOP SE Sn 0107 21.29

March 03 2012 Hour: 12:19:54.0 Lat: 22.14°S Lon: 170.35°E M: 6.6 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ IP C 1239 34.82
 PSZ SZ IP C 1239 32.52

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SOP SZ IP 1239 37.50
TRPA SZ IP 1239 26.95

March 03 2012 Hour: 12:19:54.0 Lat: 22.14°S Lon: 170.35°E M: 6.6 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP C 1239 37.06

March 03 2012 Hour: 12:19:54.0 Lat: 22.14°S Lon: 170.35°E M: 6.6 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ IP C 1239 33.13

March 03 2012 Hour: 17:00:12.0 Lat: 22.19°S Lon: 170.38°E M: 4.8 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP 1719 49.25
CSKK SZ EP 1719 53.31

March 03 2012 Hour: 18:29:28.0 Lat: 27.11°N Lon: 136.22°E M: 5.3 Depth: 33 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP D 1842 09.49
CSKK SZ EP 1842 13.94

March 03 2012 Hour: Lat: Lon: M: Depth:
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 2348 38.08
CSKK SN ESg 2348 40.11
CSKK SN IAML 2348 41.25

March 04 2012 Hour: 00:51:39.0 Lat: 17.83°S Lon: 178.58°W M: 5.4 Depth: 565 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP D 0110 17.28
SOP SZ IP D 0110 20.82
TRPA SZ IP D 0110 13.68
CSKK SZ IP C 0110 19.94

March 04 2012 Hour: 00:51:39.0 Lat: 17.83°S Lon: 178.58°W M: 5.4 Depth: 565 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP D 0110 19.12

March 04 2012 Hour: 03:31:08.0 Lat: 40.13°N Lon: 24.06°E M: 5.2 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPn 0333 10.06
PSZ SZ EPn 0333 11.14
SOP SZ EPn 0333 23.13
TRPA SZ EPn 0333 10.60
CSKK SN ISg 0335 42.12
PSZ SN ISg 0335 42.12
PSZ SN Sn 0334 44.36
SOP SN Sn 0335 08.55
TRPA SN ISg 0335 32.28
TRPA SN Sn 0334 39.42

March 04 2012 Hour: 03:31:08.0 Lat: 40.13°N Lon: 24.06°E M: 5.2 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EPn 0333 07.31
 BEHE SE Sn 0334 32.37
 BEHE SE ESg 0335 41.27

March 04 2012 Hour: 03:31:08.0 Lat: 40.13°N Lon: 24.06°E M: 5.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EPn 0333 13.80
 BUD XN ESg 0335 38.18
 BUD XN Sn 0334 41.46

March 04 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 0423 12.90
 SOP SZ EP 0423 14.34

March 04 2012 Hour: 09:44:17.0 Lat: 2.73°N Lon: 84.36°W M: 5.5 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 0957 50.34
 MORH SZ EP D 0957 45.38

March 04 2012 Hour: 12:49:02.0 Lat: 21.47°S Lon: 169.83°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 1308 39.95
 MORH SZ EP C 1308 40.30
 PSZ SZ EP C 1308 35.72
 SOP SZ EP C 1308 42.18
 TRPA SZ EP 1308 36.20

March 04 2012 Hour: 12:49:02.0 Lat: 21.47°S Lon: 169.83°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1308 54.56

March 04 2012 Hour: 12:49:02.0 Lat: 21.47°S Lon: 169.83°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 1308 38.05

March 04 2012 Hour: 23:17:06.0 Lat: 4.43°S Lon: 102.4°E M: 5.5 Depth: 9 55 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 2329 51.43
 SOP SZ EP 2330 01.33
 TRPA SZ EP C 2329 43.13
 CSKK SZ EP C 2329 56.52

March 04 2012 Hour: 23:17:06.0 Lat: 4.43°S Lon: 102.4°E M: 5.5 Depth: 9 55 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ IP C 2330 01.05

March 05 2012 Hour: 05:14:18.0 Lat: 21.66°S Lon: 170.49°E M: 5.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 0533 54.38
 PSZ SZ EP 0533 50.31

March 05 2012 Hour: Lat: Lon: M: Depth:

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

March 05 2012 Hour: 05:14:18.0 Lat: 21.66°S Lon: 170.49°E M: 5.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP 0533 51.46

March 05 2012 Hour: 06:24:25.0 Lat: 35.04°N Lon: 44.09°E M: 4.7 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 0636 22.80

TRPA SZ EP C 0636 15.30

March 05 2012 Hour: 06:55:28.0 Lat: 4.27°N Lon: 97.03°E M: 5.2 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 0707 25.97

TRPA SZ EP 0707 17.16

March 05 2012 Hour: 07:41:05.0 Lat: 28.88°N Lon: 76.94°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 0749 41.88

TRPA SZ EP D 0749 28.72

March 05 2012 Hour: 07:46:08.0 Lat: 28.22°S Lon: 63.29°W M: 6.1 Depth: 540 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EP 0803 28.57

PSZ SZ EP C 0803 50.88

TRPA SZ EP D 0803 34.40

March 05 2012 Hour: 15:15:08.0 Lat: 44.54°N Lon: 9.38°E M: 4.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPn 1516 43.35

SOP SZ EPn 1516 34.00

CSKK SN Sn 1518 00.69

SOP SN Sn 1517 38.92

SOP SN ESg 1518 23.05

March 06 2012 Hour: 02:52:45.0 Lat: 8.60°N Lon: 93.74°E M: 5.5 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 0303 58.68

SOP SZ EP 0304 20.67

PSZ SZ EP C 0304 15.77

March 07 2012 Hour: 06:18:10.0 Lat: 25.70°N Lon: 127.23°E M: 5.2 Depth: 38 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 0630 34.92

PSZ SZ EP 0630 23.06

TRPA SZ EP 0630 18.22

March 07 2012 Hour: 07:19:45.0 Lat: 19.26°S Lon: 175.79°E M: 5.2 Depth: 258 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ IP C 0739 05.43

PSZ SZ IP C 0739 00.59

TRPA SZ EP 0738 58.59

March 07 2012 Hour: 11:42:19.0 Lat: 43.21°N Lon: 17.81°E M: 3.9 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		1143	11.95											
PSZ	SZ	EPn		1143	32.05											
CSKK	SN	Sn		1144	15.86											
PSZ	SN	Sn		1144	31.22											
SOP	SN	Sn		1144	21.55											
SOP	SZ	EPn		1143	28.96											
MORH	SN	Sn		1143	46.94											
BEHE	SN	Sn		1143	53.78											
CSKK	SZ	EPn		1143	23.55											
MORH	SZ	EPn		1143	06.79											
MORH	SZ	Sn		1143	46.67											

March 07 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPg		1439	38.68											
MORH	SN	ESg		1439	47.21											

March 07 2012 Hour: 20:34:48.0 Lat: 49.90°N Lon: 18.49°E M: 2.9 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg		2035	29.59											
PSZ	SE	ESg		2036	00.42											
MORH	SN	ESg		2035	58.46											
MORH	SZ	EPn		2035	45.85											

March 08 2012 Hour: 18:21:38.0 Lat: 32.90°N Lon: 47.01°E M: 5.1 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		1827	17.57											
CSKK	SZ	EP		1827	13.16											
PSZ	SZ	EP		1827	05.72											
SOP	SZ	EP		1827	24.05											
TRPA	SN	EP		1826	54.69											

March 08 2012 Hour: 18:21:38.0 Lat: 32.90°N Lon: 47.01°E M: 5.1 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EP		1827	10.30											

March 08 2012 Hour: 19:19:24.0 Lat: 50.09°N Lon: 18.47°E M: 3.4 Depth: 1 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPn		1920	14.44											
PSZ	SZ	EPn		1920	07.68											
SOP	SZ	EPn		1920	09.04											
TRPA	SZ	EPn		1920	16.70											
BEHE	SZ	EPn		1920	23.77											
PSZ	SN	Sn		1920	34.52											
SOP	SN	Sn		1920	42.04											

March 08 2012 Hour: 22:50:08.0 Lat: 39.44°N Lon: 81.39°E M: 5.8 Depth: 40 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		2258	30.56											
CSKK	SZ	EP		2258	23.38											
PSZ	SZ	EP		2258	12.96											

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SOP SZ EP C 2258 30.56
TRPA SZ EP C 2257 59.99

March 08 2012 Hour: 22:50:08.0 Lat: 39.44°N Lon: 81.39°E M: 5.8 Depth: 40 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP C 2258 18.89

March 09 2012 Hour: 07:09:53.0 Lat: 19.10°S Lon: 169.71°E M: 6.7 Depth: 29 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 0729 24.28
CSKK SZ EP 0729 22.02
MORH SZ EP 0729 23.31
PSZ SZ EP 0729 18.78
SOP SZ EP 0729 22.99
TRPA SZ EP 0729 20.40

March 09 2012 Hour: 07:09:53.0 Lat: 19.10°S Lon: 169.71°E M: 6.7 Depth: 29 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 0729 19.12

March 09 2012 Hour: Lat: Lon: M: Depth:
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg C 0843 49.32
CSKK SE ESg 0843 50.97
CSKK SE IAML 0843 54.91

March 09 2012 Hour: Lat: Lon: M: Depth:
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg C 0843 59.71
CSKK SE ESg 0844 01.05

March 09 2012 Hour: 17:25:31.0 Lat: 36.75°N Lon: 140.42°E M: 5.3 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP 1737 43.16
SOP SZ EP 1737 52.83
TRPA SZ EP D 1737 35.40

March 10 2012 Hour: 14:10:39.0 Lat: 55.19°N Lon: 157.56°W M: 5.8 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP D 1422 42.48
CSKK SZ EP 1422 38.22
PSZ SZ EP D 1422 35.17
SOP SZ EP D 1422 35.78
TRPA SZ EP D 1422 33.72

March 10 2012 Hour: 14:10:39.0 Lat: 55.19°N Lon: 157.56°W M: 5.8 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP D 1422 37.37

March 11 2012 Hour: 05:27:37.0 Lat: 51.53°N Lon: 16.11°E M: 4.2 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPn 0528 44.26
CSKK SN Sn 0529 42.67

PSZ	SZ	EPn	0528	44.01
SOP	SZ	EPn	0528	37.52
BEHE	SZ	EPn	0528	54.40
TRPA	SZ	EPn	0528	57.43
PSZ	SN	Sn	0529	36.54
SOP	SN	Sn	0529	24.42
SOP	SN	ESg	0529	43.18
TRPA	SN	Sn	0530	00.79
TRPA	SN	ESg	0530	38.31
BEHE	SN	Sn	0529	53.57
BEHE	SN	ESg	0530	25.10

March 12 2012 Hour: 06:06:47.0 Lat: 36.84°N Lon: 73.23°E M: 5.6 Depth: 60 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP		0614	20.54											
SOP	SZ	EP		0614	33.89											
TRPA	SZ	EP		0614	03.69											
SOP	SE	IS		0621	03.30											

March 12 2012 Hour: 12:32:48.0 Lat: 45.26°N Lon: 147.67°E M: 5.6 Depth: 126 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	IP	D	1244	37.46											
CSKK	SZ	IP		1244	30.83											
PSZ	SZ	IP	D	1244	24.92											
SOP	SZ	IP	D	1244	33.00											
TRPA	SZ	IP	D	1244	18.06											

March 12 2012 Hour: 12:32:48.0 Lat: 45.26°N Lon: 147.67°E M: 5.6 Depth: 126 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	IP	D	1244	29.22											

March 12 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg		1253	52.06											
PSZ	SN	ESg		1253	55.39											

March 14 2012 Hour: 09:08:35.0 Lat: 40.95°N Lon: 144.91°E M: 6.9 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EP		0920	44.24											
BUD	XZ	IS		0930	48.54											
BUD	XZ	EPP		0923	44.00											
CSKK	SZ	EP		0920	45.85											
CSKK	SZ	IS		0931	04.39											
CSKK	SZ	EPP		0923	48.64											
MORH	SZ	EP		0920	50.08											
MORH	SZ	IS		0930	50.52											
MORH	SZ	EPP		0923	50.04											
PSZ	SZ	EP		0920	40.82											
PSZ	SZ	IS		0930	30.70											
PSZ	SZ	EPP		0923	35.64											
SOP	SZ	EP		0920	47.86											
SOP	SZ	IS		0930	56.47											
SOP	SZ	EPP		0923	50.04											

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TRPA SZ EP 0920 31.97
 TRPA SZ IS 0930 24.76
 TRPA SZ EPP 0923 28.67

March 14 2012 Hour: 10:49:24.0 Lat: 40.83°N Lon: 144.81°E M: 6.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 1101 43.15
 BUD XZ EP 1101 34.27
 CSKK SZ EP 1101 36.21
 MORH SZ EP 1101 39.74
 PSZ SZ EP 1101 30.86
 SOP SZ EP D 1101 39.26
 TRPA SZ EP 1101 23.06

March 14 2012 Hour: 10:57:39.0 Lat: 40.77°N Lon: 144.84°E M: 5.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 1109 37.91
 SOP SZ EP D 1109 53.77
 PSZ SZ EP 1109 44.91
 MORH SZ EP D 1109 54.21
 CSKK SZ EP 1109 51.48
 BUD XZ EP 1109 48.74
 BEHE SZ EP D 1109 57.27

March 14 2012 Hour: 11:40:17.0 Lat: 41.00°N Lon: 144.83°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1152 35.35
 CSKK SZ EP D 1152 32.20
 MORH SZ EP C 1152 32.41
 PSZ SZ EP C 1152 22.55
 TRPA SZ EP C 1152 14.79
 SOP SZ EP C 1152 31.36

March 14 2012 Hour: 12:05:04.0 Lat: 35.71°N Lon: 140.74°E M: 6.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 1217 34.97
 CSKK SZ EP 1217 29.25
 MORH SZ EP D 1217 31.04
 PSZ SZ EP 1217 22.00
 SOP SZ EP 1217 31.48
 TRPA SZ EP D 1217 14.84

March 14 2012 Hour: 21:13:11.0 Lat: 5.60°S Lon: 151.07°E M: 6.2 Depth: 46 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 2132 00.27
 PSZ SZ EP 2131 55.97
 SOP SZ EP 2132 04.57

March 14 2012 Hour: 21:38:52.0 Lat: 35.57°N Lon: 141.65°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 2151 21.04
 PSZ SZ EP 2151 14.68
 SOP SZ EP 2151 23.16

March 15 2012 Hour: 01:08:25.0 Lat: 43.17°N Lon: 17.77°E M: 3.4 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SE Sn 0109 53.99
 MORH SZ EPn 0109 12.93
 MORH SZ EPg 0109 22.34

March 15 2012 Hour: 03:29:06.0 Lat: 42.83°N Lon: 13.18°E M: 3.9 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 0330 26.47
 MORH SN Sn 0331 57.06
 SOP SN Sn 0331 29.91
 PSZ SZ EPn 0330 48.72
 MORH SZ EPn 0330 24.28
 BEHE SZ EPn 0330 14.57
 BEHE SN Sn 0331 03.88
 PSZ SN Sn 0332 06.00

March 15 2012 Hour: 05:40:58.0 Lat: 38.69°N Lon: 21.30°E M: 4.1 Depth: 1 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0542 49.65
 PSZ SZ EPn 0543 13.85
 PSZ SN Sn 0545 00.38
 MORH SN Sn 0544 20.05
 MORH SE ESg 0545 15.42

March 15 2012 Hour: 19:20:17.0 Lat: 35.86°N Lon: 139.19°E M: 5.4 Depth: 96 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1932 32.32
 BUD XZ EP 1932 25.21
 CSKK SZ EP D 1932 25.84
 MORH SZ EP C 1932 28.13
 PSZ SZ EP C 1932 19.50
 SOP SZ EP C 1932 29.27
 TRPA SZ EP C 1932 12.13

March 15 2012 Hour: 23:45:06.0 Lat: 20.77°S Lon: 178.50°W M: 4.9 Depth: 591 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0003 52.71
 BUD XZ EP 0003 54.47
 BUD XE EP 0003 50.95
 MORH SZ EP 0003 51.83
 PSZ SZ EP 0003 48.61
 SOP SZ EP 0003 52.13
 TRPA SZ EP 0003 45.38

March 16 2012 Hour: 00:38:06.0 Lat: 49.29°N Lon: 156.09°E M: 5.5 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0050 03.79
 BUD XZ EP C 0049 55.03
 MORH SZ EP C 0050 01.11
 CSKK SZ EP C 0049 56.73
 PSZ SZ EP C 0049 51.62

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SOP SZ EP C 0049 58.68
TRPA SZ EP C 0049 45.54

March 16 2012 Hour: 17:18:34.0 Lat: 22.51°S Lon: 171.18°E M: 5.5 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 1738 08.51
PSZ SZ EP 1738 04.52

March 16 2012 Hour: 18:37:55.0 Lat: 37.84 °N Lon: 133.47°E M: 4.9 Depth: 435 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 1848 49.82
SOP SZ EP D 1849 08.76
PSZ SZ EP D 1848 58.52
MORH SZ EP 1849 07.49
CSKK SZ EP 1849 04.61
BUD XZ EP 1849 02.14
BEHE SZ EP 1849 02.00

March 17 2012 Hour: 15:11:28.0 Lat: 3.76°N Lon: 63.52°E M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1521 16.58

March 17 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 1559 06.38
SOP SZ EP 1559 19.99
TRPA SZ EP D 1558 58.82

March 17 2012 Hour: 17:00:57.0 Lat: 3.88°N Lon: 63.39°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1710 46.03
PSZ SZ EP 1710 47.55
SOP SZ EP 1710 56.95
TRPA SZ EP C 1710 39.36

March 17 2012 Hour: 17:50:52.0 Lat: 43.44°N Lon: 20.10°E M: 2.9 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 1751 37.83
MORH SN Sn 1752 17.09
CSKK SZ EPn 1751 54.64
SOP SZ EPn 1752 06.35
CSKK SN Sn 1752 43.80

March 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 2251 01.17
MORH SE Sn 2251 41.25

March 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 2346 12.55
CSKK SN ESg 2346 14.88

March 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0718 10.72
 CSKK SE ESg 0718 11.76
 CSKK SE IAML 0718 15.47

March 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0934 12.50
 CSKK SE ESg 0934 14.20
 CSKK SE IAML 0934 15.99

March 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0934 32.44
 CSKK SE ESg 0934 33.85
 CSKK SE IAML 0934 35.75

March 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1218 31.69
 CSKK SE ESg 1218 32.12

March 19 2012 Hour: 23:46:35.0 Lat: 14.56°S Lon: 175.60°W M: 5.7 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0006 15.60
 BUD XZ EP 0006 09.49
 CSKK SZ EP 0006 10.74
 MORH SZ EP 0006 14.46
 PSZ SZ EP 0006 09.39
 SOP SZ EP 0006 09.60

March 20 2012 Hour: 18:02:49.0 Lat: 16.69°N Lon: 98.24°W M: 7.4 Depth: 19 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SN IS 1827 04.59
 BUD XN IS 1827 31.64
 CSKK SN IS 1827 04.59
 PSZ SN IS 1827 23.91
 SOP SN IS 1826 45.27
 TRPA SN IS 1827 08.45
 BEHE SZ EP 1816 08.69
 BEHE SZ EPP 1819 53.64
 BUD XZ EP 1816 08.69
 BUD XZ EPP 1820 01.65
 CSKK SZ EP 1816 03.14
 CSKK SZ IPP 1819 58.09
 PSZ SZ EP 1816 05.92
 PSZ SZ EPP 1820 02.09
 SOP SZ EP 1816 04.53
 SOP SZ EPP 1819 46.96
 TRPA SZ EP 1816 16.32
 TRPA SZ EPP 1820 13.22

March 20 2012 Hour: 23:51:10.0 Lat: 36.01°N Lon: 24.25°E M: 4.6 Depth: 70 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2353 51.20
 MORH SZ EPn 2353 41.58
 MORH SN Sn 2355 49.21
 BEHE SE Sn 2355 59.09

March 21 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1451 08.57
 PSZ SN ESg 1451 13.74

March 21 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 1819 54.81
 CSKK SN ESg 1819 55.38
 CSKK SN IAML 1819 55.93

March 21 2012 Hour: 20:07:00.0 Lat: 50.45°N Lon: 18.85°E M: 3.0 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 2007 43.58
 PSZ SN Sn 2008 16.99

March 21 2012 Hour: 22:15:07.0 Lat: 6.24°S Lon: 145.98°E M: 6.6 Depth: 122 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2233 43.98
 BUD XZ EP D 2233 40.43
 CSKK SZ EP 2233 41.42
 MORH SZ EP 2233 42.01
 PSZ SZ EP D 2233 39.25
 SOP SZ EP D 2233 43.19
 TRPA SZ EP D 2233 36.10

March 22 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 1053 47.29

March 24 2012 Hour: 05:25:38.0 Lat: 32.57°N Lon: 47.05°E M: 4.8 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0531 03.35
 PSZ SZ EP 0531 03.35
 TRPA SZ EP D 0530 51.86

March 24 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0808 01.03
 CSKK SN ESg 0808 02.22
 CSKK SN IAML 0808 04.19

March 24 2012 Hour: 23:23:17.0 Lat: 51.56°N Lon: 16.12°E M: 3.9 Depth: 11 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 2324 24.38
 MORH SZ EPn 2324 41.57

PSZ	SZ	EPn	2324	24.60
SOP	SZ	EPn	2324	18.43
TRPA	SZ	EPn	2324	37.60
PSZ	SN	Sn	2325	17.22
MORH	SN	Sn	2325	46.78
CSKK	SN	Sn	2325	18.41
SOP	SN	Sn	2325	04.81
SOP	SN	ESg	2325	24.47
TRPA	SN	Sn	2325	41.02
TRPA	SN	ESg	2326	09.10

March 25 2012 Hour: 04:46:54.0 Lat: 39.46°N Lon: 20.53°E M: 4.7 Depth: 1 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		0448	46.94											
CSKK	SZ	EPn		0448	50.52											
MORH	SZ	EPn		0448	39.05											
PSZ	SZ	EPn		0448	56.98											
SOP	SZ	EPn		0449	02.00											
TRPA	SZ	EPn		0448	59.85											
TRPA	SN	ESg		0451	42.09											
SOP	SN	ESg		0451	35.31											
BEHE	SN	ESg		0451	01.46											
MORH	SN	ESg		0450	40.69											
MORH	SN	Sn		0449	50.79											

March 25 2012 Hour: 06:43:50.0 Lat: 20.08°S Lon: 176.36°W M: 4.7 Depth: 263 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		0703	11.69											
PSZ	SZ	EP	D	0703	07.46											
SOP	SZ	EP		0703	10.61											
TRPA	SZ	EP	D	0703	04.73											

March 25 2012 Hour: 12:28:55.0 Lat: 32.45°N Lon: 47.00°E M: 4.5 Depth: 40 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		1234	20.77											
PSZ	SZ	EP		1234	19.53											

March 25 2012 Hour: 13:22:41.0 Lat: 37.83°N Lon: 141.59°E M: 5.3 Depth: 56 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP		1334	45.86											
TRPA	SZ	EP	C	1334	38.28											
MORH	SZ	IP		1334	54.07											

March 25 2012 Hour: 13:59:23.0 Lat: 18.56°S Lon: 178.80°W M: 5.1 Depth: 515 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP	D	1418	13.94											
BUD	XZ	EP	D	1418	09.81											
CSKK	SZ	EP		1418	04.39											
MORH	SZ	EP	D	1418	12.64											
PSZ	SZ	EP	D	1418	08.29											
SOP	SZ	EP	D	1418	12.11											
TRPA	SZ	EP	D	1418	04.77											

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March 26 2012 Hour: 00:06:19.0 Lat: 27.69°N Lon: 58.85°E M: 4.8 Depth: 74 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0013 17.83
CSKK SZ EP 0013 23.03

March 26 2012 Hour: 03:00:17.0 Lat: 41.78°N Lon: 19.31°E M: 4.7 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 0301 34.29
BUD XZ EPn 0301 39.38
CSKK SZ EPn 0301 43.33
MORH SZ EPn 0301 28.63
PSZ SZ EPn 0301 47.86
SOP SN EPn 0301 58.03
PSZ SN Sn 0302 57.40
SOP SE Sn 0303 03.62
TRPA SN Sn 0304 00.15
TRPA SZ EPn 0301 53.02
TRPA SE Sn 0303 09.50
MORH SN Sn 0302 17.82
CSKK SN Sn 0302 47.74
BUD XN Sn 0302 48.91
BEHE SN Sn 0302 31.42

March 26 2012 Hour: 09:30:17.0 Lat: 66.39°N Lon: 174.62°W M: 5.4 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP 0941 02.91
MORH SZ EP 0941 12.98
CSKK SZ EP 0941 06.99

March 26 2012 Hour: 10:35:33.0 Lat: 39.24°N Lon: 42.27°E M: 5.1 Depth: 7 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 1040 00.95
CSKK SZ EP 1040 05.83
MORH SZ EP C 1039 58.38
PSZ SZ EP C 1039 54.01
SOP SZ EP 1040 16.61
TRPA SZ EP 1039 37.32
PSZ SN ES 1043 15.03
MORH SN ES 1043 26.26
SOP SN ES 1043 58.92
TRPA SN ES 1042 37.14

March 26 2012 Hour: 16:58:11.0 Lat: 30.08°S Lon: 60.70°E M: 5.7 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 1710 43.87
PSZ SZ EP 1710 46.86

March 27 2012 Hour: 11:00:43.0 Lat: 39.90°N Lon: 142.08°E M: 6.0 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 1112 59.09
CSKK SZ EP 1112 52.59
MORH SZ EP 1112 55.69
PSZ SZ EP 1112 46.71

SOP SZ EP 1112 56.31
 TRPA SZ EP 1112 38.35
 MORH SN ES 1123 00.05
 PSZ SN ES 1122 31.88
 SOP SN ES 1123 00.05
 TRPA SN ES 1122 23.84
 CSKK SN ES 1122 31.88
 BEHE SN ES 1123 06.09

March 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0652 33.83
 CSKK SE ESg 0652 35.37
 CSKK SE AMSG 0652 37.22

March 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0653 01.12
 CSKK SN ESg 0653 03.24

March 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0939 23.62
 MORH SN Sn 0939 37.68

March 28 2012 Hour: 23:09:47.0 Lat: 9.36°S Lon: 113.47°E M: 4.8 Depth: 56 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 2318 58.85
 CSKK SZ EP 2318 57.54

March 29 2012 Hour: 00:36:40.0 Lat: 40.88°S Lon: 44.64°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0049 39.04
 PSZ SZ EP 0049 44.97
 SOP SZ EP 0049 47.00
 TRPA SZ EP 0049 43.52

March 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1156 55.16
 PSZ SN ESg 1156 57.91

March 30 2012 Hour: 04:38:33.0 Lat: 37.62°N Lon: 141.26°E M: 5.2 Depth: 51 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0450 47.06
 PSZ SZ EP C 0450 38.29
 SOP SZ EP 0450 47.65
 TRPA SZ EP C 0450 30.58

March 30 2012 Hour: 09:38:59.0 Lat: 21.08°S Lon: 178.92°W M: 5.2 Depth: 600 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0957 44.93
 CSKK SZ EP 0957 42.95

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MORH SZ EP D 0957 44.68
PSZ SZ EP D 0957 40.85
SOP SZ EP D 0957 44.06
TRPA SZ EP 0957 40.98

March 30 2012 Hour: 10:55:24.0 Lat: 40.85°N Lon: 144.83°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ IP 1107 38.45
PSZ SZ EP 1107 29.40

March 30 2012 Hour: 20:48:33.0 Lat: 42.59°N Lon: 26.33°E M: 4.1 Depth: 3 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 2051 22.34
TRPA SZ EP 2051 27.13

March 31 2012 Hour: 04:16:56.0 Lat: 36.62°N Lon: 71.33°E M: 4.9 Depth: 231 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP C 0424 19.82
BUD XZ EP 0424 13.55
CSKK SZ EP 0424 10.25
MORH SZ EP 0424 09.04
PSZ SZ EP 0424 01.56
SOP SZ EP 0424 19.38
TRPA SZ EP 0423 46.50

March 31 2012 Hour: 09:04:39.0 Lat: 23.62°S Lon: 179.37°E M: 5.3 Depth: 538 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 0923 33.98
CSKK SZ EP 0923 32.94
MORH SZ EP 0923 34.30
PSZ SZ EP 0923 30.54
SOP SZ EP 0923 34.14
TRPA SZ EP 0923 30.22

March 31 2012 Hour: 17:06:41.0 Lat: 20.23°S Lon: 175.18°W M: 5.5 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 1726 19.82
SOP SZ EP D 1726 25.69
PSZ SZ EP 1726 22.53
MORH SZ EP D 1726 26.82
CSKK SZ EP 1726 25.35
BUD XZ EP 1726 24.22
BEHE SZ EP 1726 27.72

April 01 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 0319 00.46
CSKK SN ESg 0319 06.73
CSKK SE ESg 0319 06.96
CSKK SN IAML 0319 10.03

April 01 2012 Hour: 14:04:26.0 Lat: 37.22°N Lon: 140.99°E M: 5.8 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP	C	1416	44.81
CSKK SZ EP		1416	38.05
SOP SZ EP	C	1416	41.29
SOP SZ EPP		1419	47.48
PSZ SZ EP	C	1416	32.00
PSZ SZ EPP		1419	41.17
MORH SZ EP	C	1416	41.01
MORH SZ EPP		1419	48.11
BUD XZ EP	C	1416	36.01
BUD XZ EPP		1419	43.50
TRPA SZ EP	C	1416	24.61
TRPA SZ EPP		1419	22.89

April 01 2012 Hour: 19:21:28.0 Lat: 39.82°N Lon: 15.55°E M: 3.9 Depth: 275 km

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA SZ EPn		1923	45.78											
BEHE SZ EPn	C	1923	05.49											
MORH SZ EPn	C	1923	06.44											
PSZ SZ EPn	C	1923	29.90											
SOP SZ EPn	C	1923	20.84											

April 01 2012 Hour: 22:13:18.0 Lat: 39.20°N Lon: 20.67°E M: 3.6 Depth: 2 km

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH SZ EP		2215	02.20											

April 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK SZ EPg	D	0750	17.57											
CSKK SN ESg		0750	19.78											
CSKK SE ESg		0750	19.70											
CSKK SN IAML		0750	20.34											

April 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK SZ EPg		0750	58.59											
CSKK SN ESg		0751	01.33											
CSKK SE ESg		0751	01.31											
CSKK SE IAML		0751	04.18											

April 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK SE ESg		0751	54.02											
CSKK SN ESg		0751	53.89											
CSKK SZ EPg		0751	52.70											
CSKK SE IAML		0751	55.32											

April 02 2012 Hour: 08:17:02.0 Lat: 16.85°S Lon: 173.52°W M: 5.3 Depth: 10 km

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK SZ EP		0836	48.47											
MORH SZ EP		0836	50.22											
PSZ SZ EP	C	0836	45.35											
SOP SZ EP		0836	48.60											
TRPA SZ EP		0836	42.97											

April 02 2012 Hour: 17:36:43.0 Lat: 16.50°N Lon: 98.35°W M: 6.0 Depth: 10 km

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH SN IS		1800	45.19											
PSZ SN IS		1800	47.11											
MORH SZ EP	C	1750	05.75											
MORH SZ EPP		1753	57.59											
PSZ SZ EP	C	1750	07.01											
PSZ SZ EPP		1753	59.19											

April 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK SN ESg		1849	36.37											
CSKK SE ESg		1849	36.37											
CSKK SN IAML		1849	36.99											
CSKK SZ EPg		1849	34.74											

April 04 2012 Hour: 00:33:00.0 Lat: 37.90°N Lon: 29.48°E M: 4.3 Depth: 7 km

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH SZ EPn		0035	41.46											

April 06 2012 Hour: 06:42:56.0 Lat: 51.54°N Lon: 16.18°E M: 4.3 Depth: 2 km

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH SZ EPn		0644	19.12											
PSZ SN Sn		0644	55.71											
MORH SN Sn		0645	21.49											
CSKK SN Sn		0644	57.27											
BEHE SN Sn		0645	08.00											
PSZ SZ EPn	C	0644	03.72											
CSKK SZ EPn		0644	03.46											
BEHE SZ EPn		0644	14.52											

April 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK SZ EPg		1049	55.06											
CSKK SN ESg		1049	56.82											
CSKK SE ESg		1049	56.76											
CSKK SN IAML		1049	57.35											

April 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK SZ EPg	D	1056	09.46											
CSKK SN ESg		1056	11.10											
CSKK SE ESg		1056	11.17											
CSKK SE IAML		1056	12.18											

April 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK SZ EPg		1107	33.44											
CSKK SN ESg		1107	35.00											
CSKK SE ESg		1107	35.15											
CSKK SE IAML		1107	39.18											

April 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1201 35.00
 CSKK SN ESg 1201 36.28
 CSKK SE ESg 1201 36.55
 CSKK SE IAML 1201 39.46

April 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1250 55.55
 CSKK SN ESg 1250 57.06
 CSKK SE ESg 1250 57.12
 CSKK SE IAML 1251 01.25

April 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1741 18.83
 CSKK SN ESg 1741 21.47
 CSKK SE ESg 1741 21.54
 CSKK SN IAML 1741 23.90

April 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0243 04.78
 CSKK SN ESg 0243 06.38
 CSKK SE ESg 0243 06.59
 CSKK SN IAML 0243 08.96

April 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0327 12.19
 CSKK SN ESg 0327 15.14
 CSKK SE ESg 0327 15.06
 CSKK SN IAML 0327 17.72

April 07 2012 Hour: 08:44:47.0 Lat: 20.80°S Lon: 178.11°W M: 4.8 Depth: 537 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 0903 38.89
 SOP SZ EP D 0903 38.56
 TRPA SZ EP D 0903 31.64
 PSZ SZ EP 0903 35.23

April 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1119 51.73
 CSKK SN ESg 1119 55.04
 CSKK SE ESg 1119 55.34
 CSKK SN IAML 1119 58.85

April 07 2012 Hour: 11:58:08.0 Lat: 6.81°S Lon: 149.55°E M: 5.7 Depth: 46 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 1216 57.98
 BEHE SZ EP 1217 00.26

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PSZ SZ EP 1216 55.37
SOP SZ EP 1216 59.52

April 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 1703 29.37
CSKK SN ESg 1703 30.89
CSKK SE ESg 1703 31.11

April 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 2305 17.67
CSKK SN ESg 2305 19.96
CSKK SE ESg 2305 20.08

April 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 0809 30.27
CSKK SN ESg 0809 31.88
CSKK SE ESg 0809 32.00
CSKK SE IAML 0809 36.04

April 10 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 0617 30.99
CSKK SN ESg 0617 32.61
CSKK SE ESg 0617 32.69
CSKK SN IAML 0617 36.45

April 10 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 2112 25.19
CSKK SN ESg 2112 26.05
CSKK SE ESg 2112 26.01
CSKK SN IAML 2112 26.24

April 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 0004 33.99
CSKK SN ESg 0004 34.80
CSKK SE ESg 0004 34.90
CSKK SN IAML 0004 35.09

April 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 0005 02.00
CSKK SN ESg 0005 02.87
CSKK SE ESg 0005 02.86
CSKK SN IAML 0005 03.08

April 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 0007 44.37

CSKK SN ESg 0007 45.11
 CSKK SE ESg 0007 45.16

April 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0221 05.43
 CSKK SN ESg 0221 06.28
 CSKK SE ESg 0221 06.39
 CSKK SN IAML 0221 06.54

April 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0503 21.14
 CSKK SN ESg 0503 21.85
 CSKK SE ESg 0503 21.92
 CSKK SN IAML 0503 22.18

April 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0515 36.98
 CSKK SN ESg 0515 37.80
 CSKK SE ESg 0515 37.86
 CSKK SN IAML 0515 38.02

April 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0631 44.93
 CSKK SN ESg 0631 45.74
 CSKK SE ESg 0631 45.80
 CSKK SN IAML 0631 46.02

April 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0756 07.41
 CSKK SN ESg 0756 08.96
 CSKK SE ESg 0756 08.98
 CSKK SN IAML 0756 10.28

April 11 2012 Hour: 20:13:26.0 Lat: 51.57°N Lon: 16.15°E M: 3.8 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 2014 32.16
 SOP SZ EPn 2014 25.56
 SOP SN Sn 2015 13.45
 PSZ SN Sn 2015 27.01

April 11 2012 Hour: 22:41:48.0 Lat: 43.62°N Lon: 127.55°W M: 6.0 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2254 20.16
 PSZ SZ EP 2254 19.39
 SOP SZ EP 2254 15.53

April 11 2012 Hour: 22:41:48.0 Lat: 43.62°N Lon: 127.55°W M: 6.0 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

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CSKK SZ EP 2312 33.92
 CSKK SZ IP 2308 34.22
 PSZ SZ EP 2312 22.40
 PSZ SZ IP C 2308 37.29
 SOP SZ EP 2312 15.48
 SOP SZ IP C 2308 28.08
 PSZ SN ES 2319 01.32
 SOP SN ES 2319 05.35

April 13 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0829 30.05
 CSKK SN ESg 0829 31.21
 CSKK SE ESg 0829 31.09
 CSKK SN IAML 0829 33.63

April 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0909 24.01
 CSKK SN ESg 0909 25.65
 CSKK SE ESg 0909 25.53
 CSKK SE IAML 0909 26.90

April 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0909 54.38
 CSKK SN ESg 0909 55.94
 CSKK SE ESg 0909 55.89
 CSKK SE IAML 0909 56.96

April 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

April 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0909 24.22
 CSKK SN ESg 0909 25.86
 CSKK SE ESg 0909 25.84
 CSKK SE IAML 0909 30.47

April 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0909 54.43
 CSKK SN ESg 0909 56.09
 CSKK SE ESg 0909 56.09
 CSKK SN IAML 0909 59.78

April 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1405 31.56
 CSKK SN ESg 1405 35.13
 CSKK SE ESg 1405 35.05

April 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0850 52.21
 CSKK SN ESg 0850 53.10
 CSKK SN IAML 0850 56.01
 CSKK SE ESg 0850 53.23

April 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0851 03.29
 CSKK SN ESg 0851 04.89
 CSKK SE ESg 0851 05.21
 CSKK SE IAML 0851 09.54

April 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0856 58.22
 CSKK SN ESg 0856 59.34
 CSKK SE ESg 0856 59.28
 CSKK SN IAML 0857 01.46

April 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0857 24.98
 CSKK SN ESg 0857 25.57
 CSKK SE ESg 0857 25.98
 CSKK SN IAML 0857 30.99

April 18 2012 Hour: 17:40:38.0 Lat: 27.88°N Lon: 58.12°E M: 5.2 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1747 44.23
 CSKK SZ EP 1747 37.30
 MORH SZ EP C 1747 33.41
 PSZ SZ EP D 1747 30.22
 SOP SZ EP C 1747 48.49
 TRPA SZ EP C 1747 17.02

April 18 2012 Hour: 18:43:01.0 Lat: 32.56°N Lon: 47.03°E M: 5.1 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 1848 27.79
 PSZ SZ EP 1848 28.62
 SOP SZ EP 1848 34.57
 TRPA SZ EP 1848 13.68
 CSKK SZ EP 1848 34.98
 BUD XZ EP 1848 32.22
 BEHE SZ EP 1848 43.14

April 19 2012 Hour: 01:41:32.0 Lat: 84.03°N Lon: 1.36°W M: 4.8 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0148 41.06
 TRPA SZ EP D 0148 38.82
 MORH SZ EP C 0148 54.41
 CSKK SZ EP 0148 44.85

BEHE SZ EP C 0148 52.55

April 19 2012 Hour: 03:33:24.0 Lat: 37.05°N Lon: 141.17°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP D 0345 29.12

PSZ SZ EP D 0345 36.36

MORH SZ EP 0345 51.15

CSKK SZ EP 0345 42.40

April 19 2012 Hour: 19:52:42.0 Lat: 39.11°N Lon: 29.12°E M: 4.7 Depth: 7 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 1955 13.51

MORH SN Sn 1957 12.18

April 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0010 10.40

CSKK SN ESg 0010 11.85

April 20 2012 Hour: 03:05:46.0 Lat: 32.62°N Lon: 47.01°E M: 4.9 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EP 0311 19.41

MORH SZ EP 0311 12.22

PSZ SZ EP 0311 12.52

SOP SZ EP 0311 30.94

TRPA SZ EP 0310 57.84

MORH SN ES 0315 49.56

PSZ SE ES 0315 52.10

SOP SE ES 0315 44.47

TRPA SE ES 0315 15.63

April 20 2012 Hour: 03:56:29.0 Lat: 32.63°N Lon: 46.89°E M: 4.8 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 0401 41.20

PSZ SZ EP D 0401 55.39

MORH SZ EP 0401 54.85

CSKK SZ EP 0402 03.95

BUD XZ EP 0401 58.10

April 20 2012 Hour: 15:37:06.0 Lat: 32.43°N Lon: 47.11°E M: 4.8 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 1542 33.63

PSZ SZ EP 1542 34.47

TRPA SZ EP 1542 19.58

April 20 2012 Hour: 16:17:55.0 Lat: 32.57°N Lon: 47.21°E M: 4.7 Depth: 50 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 1623 19.41

PSZ SZ EP 1623 20.64

MORH SN ES 1627 41.51

MORH SN IS 1627 49.76

PSZ SN ES 1627 43.52

PSZ SN IS 1627 53.00

April 20 2012 Hour: 19:34:09.0 Lat: 3.34°N Lon: 93.84°E M: 5.2 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 1946 03.22
 MORH SZ EP C 1946 00.54
 PSZ SZ EP C 1945 58.16
 SOP SZ EP C 1946 10.36
 TRPA SZ EP C 1945 48.44

April 20 2012 Hour: 22:19:45.0 Lat: 3.28°N Lon: 93.81°E M: 5.6 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2231 41.90
 BEHE SZ EP C 2231 47.16
 MORH SZ EP C 2231 38.28
 PSZ SZ EP C 2231 35.98
 SOP SZ EP C 2231 48.47
 TRPA SZ EP 2231 26.78

April 20 2012 Hour: 22:29:01.0 Lat: 3.32°N Lon: 93.88°E M: 5.8 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2241 00.39
 BUD XZ EP C 2240 53.76
 CSKK SZ EP 2240 53.76
 MORH SZ EP 2240 49.84
 PSZ SZ EP 2240 48.63
 SOP SZ EP 2240 59.18
 TRPA SZ EP 2240 38.99

April 20 2012 Hour: 23:14:33.0 Lat: 2.22°N Lon: 93.39°E M: 5.8 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 2326 25.93
 CSKK SZ EP 2326 30.01
 MORH SZ EP C 2326 25.93
 PSZ SZ EP C 2326 23.38
 SOP SZ EP C 2326 35.62
 TRPA SZ EP C 2326 14.45
 BEHE SZ EP C 2326 34.09
 TRPA SN ES 2335 49.18
 SOP SN ES 2336 31.46
 PSZ SN ES 2336 09.75
 MORH SN ES 2336 23.57
 BUD XN ES 2336 24.41

April 21 2012 Hour: 02:39:17.0 Lat: 32.41°N Lon: 47.08°E M: 4.6 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0244 35.79

April 21 2012 Hour: 05:25:13.0 Lat: 32.46°N Lon: 47.11°E M: 4.9 Depth: 48 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 0530 39.04
 PSZ SZ EP 0530 39.14
 MORH SE ES 0535 22.15
 PSZ SN ES 0535 20.84

April 21 2012 Hour: 06:13:31.0 Lat: 32.46°N Lon: 47.15°E M: 4.9 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0619 03.24
 PSZ SZ EP 0619 02.60

April 21 2012 Hour: 11:04:33.0 Lat: 3.33°N Lon: 93.77°E M: 5.2 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 1116 12.62
 PSZ SZ EP 1116 22.05
 MORH SZ EP C 1116 24.46

April 21 2012 Hour: 12:36:10.0 Lat: 21.82°S Lon: 170.34°E M: 5.2 Depth: 33 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1255 47.39
 PSZ SZ EP 1255 43.63

April 21 2012 Hour: 21:48:48.0 Lat: 43.02°N Lon: 17.97°E M: 3.9 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn C 2149 43.12
 CSKK SZ EPn 2149 54.02
 MORH SZ EPn 2149 38.05
 PSZ SZ EPn 2150 03.22
 SOP SZ EPn 2149 59.55
 PSZ SN Sn 2151 05.86
 SOP SN Sn 2150 57.55
 MORH SN Sn 2150 19.56
 CSKK SN Sn 2150 47.77
 BEHE SN Sn 2150 27.88

April 21 2012 Hour: 23:47:42.0 Lat: 50.24°N Lon: 18.78°E M: 3.0 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 2348 28.86
 CSKK SZ EPn 2348 38.82
 MORH SZ EPn 2348 44.58
 SOP SZ EPn 2348 39.49
 SOP SN Sn 2349 05.38
 MORH SN Sn 2349 32.02
 CSKK SN Sn 2349 04.38
 PSZ SN Sn 2348 53.72

April 21 2012 Hour: 23:27:36.0 Lat: 17.54°S Lon: 179.01°W M: 4.5 Depth: 532 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 2346 12.56

April 21 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 2351 53.01
 CSKK SN ESg 2351 54.45

April 22 2012 Hour: 13:13:52.0 Lat: 43.89°N Lon: 142.71°E M: 5.0 Depth: 180 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1325 27.36

PSZ SZ EP 1325 19.13

April 23 2012 Hour: 17:36:21.0 Lat: 28.47°S Lon: 177.30°W M: 6.0 Depth: 113 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 1756 31.72

PSZ SZ EP 1756 31.39

April 23 2012 Hour: 21:02:35.0 Lat: 51.44°N Lon: 16.10°E M: 3.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 2103 57.58

PSZ SZ EPn D 2103 40.95

SOP SZ EPn 2103 32.81

MORH SN Sn 2105 01.01

PSZ SN Sn 2104 35.09

PSZ SN ESg 2104 55.37

SOP SN Sn 2104 20.16

SOP SN ESg 2104 38.19

April 23 2012 Hour: 21:21:46.0 Lat: 0.39°N Lon: 125.43°E M: 5.7 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EP C 2135 30.51

MORH SZ EP C 2135 30.40

PSZ SZ EP C 2135 25.46

SOP SZ EP 2135 27.30

April 23 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 2137 23.82

CSKK SE ESg 2137 25.50

CSKK SN ESg 2137 25.35

CSKK SN IAML 2137 27.95

April 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0600 41.12

CSKK SN ESg 0600 42.90

CSKK SE ESg 0600 42.80

April 24 2012 Hour: 09:50:59.0 Lat: 5.57°N Lon: 61.44°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP D 1000 23.21

SOP SZ EP 1000 43.05

PSZ SZ EP 1000 31.09

MORH SZ EP 1000 28.93

CSKK SZ EP 1000 35.93

BEHE SZ EP 1000 39.87

April 24 2012 Hour: 12:13:22.0 Lat: 42.93°N Lon: 18.47°E M: 2.8 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 1214 14.32

MORH SN Sn 1214 55.26

April 24 2012 Hour: 14:57:11.0 Lat: 9.01°N Lon: 93.99°E M: 5.5 Depth: 10 km

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 1508 41.67

April 24 2012 Hour: 15:01:50.0 Lat: 18.26°S Lon: 177.91°W M: 4.6 Depth: 522 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 1520 38.08
PSZ SZ EP D 1520 33.71
TRPA SZ EP D 1520 30.64

April 24 2012 Hour: 20:22:09.0 Lat: 35.72°N Lon: 140.48°E M: 5.5 Depth: 36 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ IP C 2034 14.76
PSZ SZ IP C 2034 22.36
MORH SZ IP C 2034 30.94
CSKK SZ IP 2034 27.67
BUD XZ IP C 2034 25.62
BEHE SZ IP 2034 21.67

April 25 2012 Hour: 03:18:18.0 Lat: 36.51°N Lon: 1.55°E M: 4.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 0322 43.76
PSZ SZ EP 0322 24.80
MORH SZ EP C 0322 00.05

April 25 2012 Hour: 03:23:22.0 Lat: 19.93°S Lon: 175.54°W M: 5.0 Depth: 156 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ IP D 0342 49.51
SOP SZ IP D 0342 55.74
PSZ SZ IP D 0342 52.49
MORH SZ IP 0342 56.65
CSKK SZ IP 0342 54.57
BEHE SZ EP 0342 58.60

April 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPg C 0741 40.81
PSZ SN ESg 0741 47.76

April 25 2012 Hour: 07:42:24.0 Lat: 9.00°N Lon: 93.97°E M: 5.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 0753 40.38
MORH SZ EP D 0753 54.30
PSZ SZ EP D 0753 50.17
PSZ SN ES 0803 17.58
MORH SN ES 0803 16.61

April 25 2012 Hour: 10:34:12.0 Lat: 38.40°N Lon: 21.99°E M: 4.4 Depth: 8 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 1036 07.61
MORH SZ EPn 1036 10.66
PSZ SZ EPn 1036 34.25
BEHE SN Sn 1038 52.68
MORH SN Sn 1038 49.64

PSZ SE Sn 1039 43.80

April 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 1124 50.75
 MORH SN Sn 1125 22.93

April 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1016 52.19
 PSZ SN ESg 1016 55.37

April 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 1812 19.67
 CSKK SN ESg 1812 21.31
 CSKK SE ESg 1812 21.21
 CSKK SN IAML 1812 25.05

April 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 1812 19.78
 CSKK SN ESg 1812 21.26

April 26 2012 Hour: 19:21:43.0 Lat: 2.71°N Lon: 94.50°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ IP C 1933 30.88
 SOP SZ IP C 1933 52.24
 PSZ SZ IP 1933 40.62
 MORH SZ IP C 1933 43.27
 CSKK SZ IP 1933 46.18
 BEHE SZ IP C 1933 51.49
 TRPA SN ES 1943 13.66
 SOP SN ES 1943 55.05

April 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 2137 53.27
 CSKK SN ESg 2137 54.93
 CSKK SE ESg 2137 55.13
 CSKK SN IAML 2137 58.72

April 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2137 53.24
 CSKK SN ESg 2137 54.91
 CSKK SE ESg 2137 55.11

April 26 2012 Hour: 22:05:33.0 Lat: 39.12°N Lon: 29.08°E M: 4.9 Depth: 8 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EPn 2208 01.72
 MORH SZ EPn 2208 05.42
 PSZ SZ EPn 2208 14.93

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

PSZ SN Sn 2210 20.13
 MORH SN Sn 2210 03.10
 TRPA SN Sn 2209 54.02

April 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0636 38.73
 CSKK SN ESg 0636 40.22
 CSKK SE ESg 0636 40.33
 CSKK SN IAML 0636 44.90

April 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0636 56.83
 CSKK SN ESg 0636 57.60
 CSKK SE ESg 0636 57.44
 CSKK SN IAML 0637 02.70

April 28 2012 Hour: 03:17:05.0 Lat: 38.53°N Lon: 40.73°E M: 4.7 Depth: 22 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 0321 00.22
 SOP SZ EP 0321 39.78
 MORH SZ EP 0321 20.83
 PSZ SZ EP 0321 15.98

April 28 2012 Hour: 10:08:04.0 Lat: 18.59°S Lon: 174.67°W M: 6.6 Depth: 100 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 1027 42.08
 SOP SZ EP D 1027 37.24
 SOP SZ IS 1041 03.97
 PSZ SZ EP D 1027 34.93
 PSZ SZ ES 1041 15.11
 MORH SZ EP 1027 37.89
 MORH SZ ES 1041 12.18
 BEHE SZ EP 1027 38.63
 BEHE SZ ES 1041 19.22

April 29 2012 Hour: 03:00:43.0 Lat: 1.96°N Lon: 93.71°E M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 0312 30.82
 SOP SZ EP D 0312 52.22
 PSZ SZ EP D 0312 40.86
 MORH SZ EP D 0312 43.11
 CSKK SZ EP 0312 45.77

April 29 2012 Hour: 08:09:04.0 Lat: 2.79°N Lon: 94.54°E M: 5.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 0821 11.38
 MORH SZ EP D 0821 02.35
 PSZ SZ EP C 0820 59.56
 TRPA SZ EP C 0820 49.74

April 29 2012 Hour: 10:28:51.0 Lat: 35.67°N Lon: 140.38°E M: 5.8 Depth: 40 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	IP		1041	09.26											
TRPA	SN	IS		1051	01.26											
SOP	SE	IS		1051	31.44											
PSZ	SN	IS		1051	10.91											
MORH	SE	IS		1051	25.40											
BUD	XN	IS		1051	18.16											
BEHE	SN	IS		1051	38.68											
PSZ	SZ	IP	C	1041	03.76											
PSZ	SZ	EPP		1044	11.75											
SOP	SZ	IP	C	1041	12.61											
SOP	SZ	EPP		1044	25.89											
TRPA	SZ	IP	C	1040	55.83											
TRPA	SZ	EPP	D	1044	00.55											
BUD	XZ	IP	C	1041	06.82											
BUD	XZ	EPP		1044	19.01											
BEHE	SZ	IP	C	1041	15.05											
BEHE	SZ	EPP		1044	33.40											
MORH	SZ	IP	C	1041	11.70											
MORH	SZ	EPP		1044	26.01											

April 29 2012 Hour: 15:02:19.0 Lat: 39.85°N Lon: 142.22°E M: 5.5 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	IP	D	1514	34.39											
BUD	XZ	IP	D	1514	25.59											
CSKK	SZ	EP		1514	28.08											
MORH	SZ	IP	D	1514	31.10											
PSZ	SZ	IP	D	1514	22.12											
TRPA	SZ	IP	D	1514	14.64											
SOP	SZ	IP	D	1514	31.33											

April 29 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg		1742	13.15											
PSZ	SN	ESg		1742	15.82											

April 30 2012 Hour: 13:07:00.0 Lat: 14.44°N Lon: 93.35°E M: 5.3 Depth: 40 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		1318	01.44											
PSZ	SZ	EP		1318	06.77											

April 30 2012 Hour: 19:15:28.0 Lat: 20.80°S Lon: 175.64°W M: 5.2 Depth: 40 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		1935	17.11											
PSZ	SZ	EP		1935	13.57											
SOP	SZ	EP		1935	02.35											

April 30 2012 Hour: 23:20:38.0 Lat: 20.57°S Lon: 168.78°E M: 4.7 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP	C	2340	14.14											
SOP	SZ	EP		2340	14.14											

May 01 2012 Hour: 05:33:49.0 Lat: 25.39°N Lon: 141.27°E M: 5.4 Depth: 111 km

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 0546 41.82
PSZ SZ EP D 0546 34.91

May 01 2012 Hour: 16:38:01.0 Lat: 18.57°N Lon: 100.90°W M: 5.7 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 1651 22.53
PSZ SZ EP D 1651 16.72
MORH SZ EP 1651 16.72
MORH SZ ES 1701 47.46
PSZ SN ES 1701 48.66
TRPA SN ES 1701 47.86

May 01 2012 Hour: 22:43:40.0 Lat: 14.50°N Lon: 92.90°W M: 6.0 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EP 2256 46.89
MORH SZ EP C 2256 49.06
PSZ SZ EP C 2256 51.23
SOP SZ EP C 2256 42.11
CSKK SN ES 2308 07.12
MORH SN ES 2307 29.29
PSZ SN ES 2307 22.41
SOP SN ES 2307 22.41

May 02 2012 Hour: 00:02:41.0 Lat: 38.65°N Lon: 26.63°E M: 4.5 Depth: 13 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 0005 00.84
PSZ SZ EPn 0005 11.95
TRPA SZ EPn 0005 04.42

May 02 2012 Hour: 00:44:19.0 Lat: 44.80°N Lon: 41.57°E M: 4.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0048 03.92
PSZ SZ EP 0047 52.57
TRPA SZ EP 0047 29.23

May 02 2012 Hour: 06:40:02.0 Lat: 38.67°N Lon: 26.77°E M: 4.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 0642 20.80
MORH SN Sn 0644 36.09

May 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SN ESg 1031 50.68
CSKK SZ IPg C 1031 50.01

May 02 2012 Hour: 12:17:59.0 Lat: 54.60°S Lon: 143.91°E M: 5.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 1237 38.47
BUD XZ EP 1237 35.82
CSKK SZ EP 1237 37.34
MORH SZ EP 1237 34.19
PSZ SZ EP 1237 35.70

May 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 2056 59.63

May 03 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 0731 33.39
CSKK SE ESg 0731 34.66

May 03 2012 Hour: 10:09:36.0 Lat: 32.79°N Lon: 47.61°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP C 1015 18.93
BUD XZ EP 1015 09.71
CSKK SZ EP 1015 14.54
MORH SZ EP C 1015 07.95
MORH SZ ES 1019 54.17
PSZ SZ EP C 1015 07.51
PSZ SZ ES 1019 44.11
TRPA SZ EP C 1014 52.59
TRPA SZ ES 1019 05.88
SOP SZ EP C 1015 24.19
SOP SZ ES 1020 12.28

May 03 2012 Hour: 11:10:40.0 Lat: 23.64°S Lon: 179.63°E M: 5.0 Depth: 545 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 1129 26.94
TRPA SZ EP D 1129 28.82

May 03 2012 Hour: 11:40:34.0 Lat: 44.37°N Lon: 17.82°E M: 3.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 1141 12.02
CSKK SZ EPn 1141 22.44
MORH SZ EPn 1141 07.61
PSZ SZ EPn 1141 33.73
BEHE SN Sn 1141 43.79
MORH SN Sn 1141 33.73
PSZ SN Sn 1142 16.45
CSKK SN Sn 1142 00.65

May 03 2012 Hour: 15:20:26.0 Lat: 39.13°N Lon: 29.10°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 1523 13.95
BUD XZ EPn 1523 04.96
CSKK SZ EPn 1523 08.85
MORH SZ EPn 1522 56.51
PSZ SZ EPn 1523 04.96
SOP SZ EPn 1523 24.95
TRPA SZ EPn 1522 53.42

May 03 2012 Hour: 21:20:36.0 Lat: 47.01°N Lon: 150.51°E M: 4.9 Depth: 147 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 2132 01.47

PSZ SZ EP 2132 07.95
 MORH SZ EP 2132 17.88
 CSKK SZ EP 2132 14.01

May 04 2012 Hour: 02:00:36.0 Lat: 39.11°N Lon: 29.14°E M: 4.4 Depth: 7 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn C 0203 07.13
 TRPA SZ EPn C 0203 03.57
 MORH SN Sn 0205 00.17
 TRPA SN Sn 0204 53.57

May 04 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 0540 17.48
 TRPA SZ EP D 0540 17.58

May 04 2012 Hour: 13:20:00.0 Lat: 43.15°N Lon: 22.04°E M: 3.1 Depth: 9 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn C 1321 00.13
 PSZ SZ EPn 1321 15.36
 PSZ SN Sn 1322 11.89
 MORH SN Sn 1321 46.79

May 05 2012 Hour: 15:55:08.0 Lat: 40.18°N Lon: 19.72°E M: 4.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 1556 55.97
 PSZ SZ EPn 1556 57.59
 CSKK SN Sn 1558 16.35
 TRPA SZ EPn 1557 05.67
 MORH SZ EPn 1556 39.79
 PSZ SN Sn 1558 28.69
 MORH SN Sn 1557 47.18
 TRPA SN Sn 1558 40.34

May 05 2012 Hour: 17:07:17.0 Lat: 45.68°N Lon: 26.53°E M: 4.0 Depth: 119 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 1708 39.19

May 05 2012 Hour: 20:12:34.0 Lat: 38.25°N Lon: 141.54°E M: 5.2 Depth: 50 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2024 45.03
 CSKK SZ EP 2024 42.55
 MORH SZ EP C 2024 45.62
 PSZ SZ EP C 2024 36.86
 SOP SZ EP C 2024 46.06
 TRPA SZ EP C 2024 29.56
 SOP SN ES 2034 59.61
 PSZ SN ES 2034 40.23
 TRPA SN IS 2034 32.69

May 05 2012 Hour: 20:23:32.0 Lat: 21.47°S Lon: 147.26°W M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 2043 20.69

PSZ SZ EP 2043 18.68
TRPA SZ EP 2043 17.48

May 05 2012 Hour: 22:04:34.0 Lat: 51.46°N Lon: 16.05°E M: 3.7 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPn 2205 40.00
MORH SZ EPn 2205 55.23
PSZ SZ EPn 2205 40.50
SOP SZ EPn 2205 34.31
TRPA SZ EPn 2205 53.72
CSKK SN Sn 2206 33.53
MORH SN Sn 2207 02.33
PSZ SN Sn 2206 33.53
SOP SN Sn 2206 20.30
TRPA SN Sn 2206 58.75

May 05 2012 Hour: 22:14:22.0 Lat: 43.97°N Lon: 16.74°E M: 3.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 2215 03.10
CSKK SZ EPn 2215 17.02
MORH SZ EPn 2215 09.34
PSZ SZ EPn 2215 29.98
SOP SZ EPn 2215 18.94
BEHE SN Sn 2215 32.62
CSKK SN Sn 2215 59.49
MORH SN Sn 2215 45.10
SOP SN Sn 2216 02.61
PSZ SN Sn 2216 21.09

May 06 2012 Hour: 05:54:06.0 Lat: 12.69°N Lon: 44.57°W M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP 0604 31.43
TRPA SZ EP 0604 38.52

May 06 2012 Hour: 19:26:40.0 Lat: 45.46°N Lon: 149.42°E M: 5.1 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1938 38.27
PSZ SZ EP 1938 29.46
SOP SZ EP C 1938 37.26

May 07 2012 Hour: 04:40:27.0 Lat: 41.50°N Lon: 46.67°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 0445 23.80
BUD XZ EP 0446 09.49
CSKK SZ EP 0445 14.02
MORH SZ EP 0445 10.60
PSZ SZ EP 0445 03.03
SOP SZ EP 0445 27.22
TRPA SZ EP 0444 43.97
MORH SE IS 0448 59.80
SOP SN IS 0449 30.03
TRPA SN IS 0448 12.64
CSKK SN IS 0449 16.73

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BEHE SN IS 0449 28.82
PSZ SN ES 0448 46.81
BUD XN IS 0449 59.05
BUD XN ES 0448 57.05

May 07 2012 Hour: 06:46:57.0 Lat: 15.20°S Lon: 173.49°W M: 5.0 Depth: 35 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 0706 37.69
MORH SZ EP 0706 36.66
PSZ SZ EP 0706 31.14
SOP SZ EP 0706 34.36

May 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg C 0755 39.83
CSKK SN ESg 0755 40.53

May 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg C 0755 49.98
CSKK SE ESg 0755 50.73

May 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg C 0801 27.44
CSKK SE ESg 0801 28.27

May 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg C 0801 53.37
CSKK SE ESg 0801 54.21

May 07 2012 Hour: 14:15:14.0 Lat: 41.62°N Lon: 46.76°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP C 1420 09.84
BUD XZ EP 1419 54.40
CSKK SZ EP 1420 01.55
MORH SZ EP D 1419 54.40
PSZ SZ EP D 1419 48.11
SOP SZ EP 1420 12.12
TRPA SZ EP 1419 28.96
BEHE SN ES 1424 03.17
BUD XN ES 1423 52.77
MORH SN ES 1423 48.05
SOP SN ES 1424 35.31
TRPA SN ES 1423 06.46

May 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 1516 56.90
CSKK SN ESg 1516 58.11

May 08 2012 Hour: 00:32:55.0 Lat: 14.38°S Lon: 167.22°E M: 4.9 Depth: 158 km

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0052 01.71
PSZ SZ EP 0051 59.57
SOP SZ EP 0052 02.01
TRPA SZ EP 0051 56.36

May 08 2012 Hour: 07:07:48.8 Lat: 51.19°N Lon: 15.74°E M: 3.5 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 0709 07.34
PSZ SZ EPn 0708 50.58
SOP SZ EPn 0708 47.19
SOP SN Sn 0709 42.53
PSZ SN Sn 0709 51.26
MORH SE Sn 0710 20.44

May 08 2012 Hour: 09:16:36.0 Lat: 37.42°N Lon: 144.70°E M: 5.2 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 0928 44.01
PSZ SZ EP D 0928 51.01
MORH SZ EP 0928 59.23

May 08 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 1535 57.10
MORH SZ EPn 1535 58.74

May 08 2012 Hour: 22:23:45.0 Lat: 52.15°N Lon: 165.70°W M: 4.8 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 2235 55.79
PSZ SZ EP D 2235 58.90
SOP SZ EP D 2236 00.74
MORH SZ EP 2236 02.15
CSKK SZ EP C 2236 02.71
BUD XZ EP 2236 08.15
BEHE SZ EP C 2236 07.24

May 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 1047 37.79
MORH SZ EPn 1047 40.45

May 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 1108 53.33
MORH SZ EPn 1108 55.97
PSZ SN Sn 1109 06.55
MORH SN Sn 1109 09.75

May 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn D 1346 03.92
MORH SZ EPn 1346 05.25
MORH SN Sn 1346 16.36

PSZ SN Sn 1346 16.84

May 09 2012 Hour: 14:49:50.0 Lat: 1.09°S Lon: 13.56°W M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP C 1459 18.69

BEHE SZ IS 1507 03.25

BUD XZ EP C 1459 31.12

BUD XZ IS 1507 22.67

CSKK SZ EP C 1459 27.76

CSKK SZ IS 1507 22.67

MORH SZ EP C 1459 22.67

MORH SZ IS 1507 00.66

PSZ SZ EP C 1459 36.09

PSZ SZ IS 1507 34.33

SOP SZ EP C 1459 24.28

SOP SZ IS 1507 07.14

TRPA SZ EP C 1459 44.91

TRPA SZ IS 1507 44.69

May 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP D 1755 13.59

May 10 2012 Hour: 00:28:21.0 Lat: 39.85°N Lon: 142.10°E M: 5.2 Depth: 37 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 0040 14.22

SOP SZ EP C 0040 30.49

PSZ SZ EP C 0040 21.49

MORH SZ EP 0040 30.88

CSKK SZ EP C 0040 27.47

May 10 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPg C 1203 18.33

PSZ SN ESg 1203 21.31

May 10 2012 Hour: 18:21:29.0 Lat: 50.27°N Lon: 18.82°E M: 3.0 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPg 1822 14.06

PSZ SN ESg 1822 45.36

May 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0643 56.87

CSKK SN ESg 0643 59.99

May 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPg 0922 53.60

MORH SN ESg 0922 56.18

May 11 2012 Hour: 10:18:10.0 Lat: 37.75°N Lon: 102.04°E M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 1028 15.70
 PSZ SZ EP C 1028 06.36

May 11 2012 Hour: 12:41:31.0 Lat: 26.23°N Lon: 92.81°E M: 5.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ IP C 1251 43.32
 PSZ SZ IP C 1251 36.57
 SOP SZ IP C 1251 51.33

May 11 2012 Hour: 18:48:30.0 Lat: 34.25°N Lon: 34.17°E M: 5.5 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1852 22.48
 PSZ SZ EP C 1852 29.38
 TRPA SZ EP C 1852 17.55
 TRPA SN ES 1855 32.61
 PSZ SN ES 1855 54.06
 MORH SN ES 1855 34.15

May 11 2012 Hour: 18:48:30.0 Lat: 34.25°N Lon: 34.17°E M: 5.5 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1852 36.82
 SOP SZ EP C 1852 47.27
 SOP SZ ES 1856 22.02
 MORH SZ EP 1852 21.68
 MORH SZ ES 1856 07.07
 BUD XZ ES 1855 52.12
 BUD XZ EPn 1852 28.46
 CSKK SZ EP 1852 33.94
 PSZ SZ EP C 1852 29.25
 PSZ SZ ES D 1855 56.43
 MORH SN ES 1855 45.22
 BEHE SN ES 1856 02.11
 TRPA SZ EP C 1852 17.72
 TRPA SZ ES 1855 33.26

May 11 2012 Hour: 20:34:26.0 Lat: 30.73°N Lon: 138.76°E M: 5.1 Depth: 400 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP D 2046 20.27
 MORH SZ EP D 2046 22.89
 PSZ SZ EP D 2046 15.14
 TRPA SZ EP D 2046 07.80

May 12 2012 Hour: 01:34:44.0 Lat: 38.46°N Lon: 89.33°E M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 0143 47.95
 PSZ SZ EP C 0143 38.65
 SOP SZ EP C 0143 55.08

May 12 2012 Hour: 13:23:16.0 Lat: 2.27°N Lon: 126.22°E M: 5.5 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ IP D 1336 42.22
 SOP SZ EP 1336 52.02
 PSZ SZ IP D 1336 50.53

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BUD XZ IP D 1336 53.26
MORH SZ IP D 1336 55.86
BEHE SZ EP 1337 00.94

May 12 2012 Hour: 22:48:12.0 Lat: 40.58°N Lon: 22.85°E M: 4.0 Depth: 24 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 2249 47.93
PSZ SZ EPn 2250 04.39
SOP SZ EPn 2250 14.88

May 12 2012 Hour: 23:28:42.0 Lat: 38.66°N Lon: 70.42°E M: 5.7 Depth: 4 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 2336 15.15
MORH SZ EP D 2336 03.95
PSZ SZ EP D 2335 55.78
SOP SZ EP D 2336 15.75
TRPA SZ EP 2335 40.96
TRPA SE ES 2336 59.92
BUD XZ EP 2335 58.51
BUD XZ ES 2341 53.96
MORH SN ESS 2344 46.16
MORH SN EPP C 2337 29.93
PSZ SN ES 2341 48.83
PSZ SN ESS 2344 28.21
PSZ SN EPP 2337 18.78
SOP SN ESS 2345 14.38
SOP SN EPP 2337 46.65
TRPA SN ES 2341 15.48
TRPA SN ESS 2343 51.57
TRPA SN EPP 2337 00.01
BUD XN ESS 2344 45.06
BUD XN EPP 2337 27.88
BEHE SN ESS 2345 09.25
BEHE SN EPP 2337 44.01

May 13 2012 Hour: 01:19:10.0 Lat: 3.23°S Lon: 89.44°E M: 5.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 0131 16.38
SOP SZ EP D 0131 26.14
BEHE SZ EP 0131 19.75

May 13 2012 Hour: 18:21:14.0 Lat: 27.06°N Lon: 53.95°E M: 5.5 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP 1827 41.97
MORH SZ EP D 1827 55.96

May 13 2012 Hour: 19:47:22.0 Lat: 47.64°N Lon: 13.62°E M: 2.9 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
SOP SZ EPn 1947 57.62
SOP SN Sn 1948 25.88
MORH SZ EPn 1948 21.39
MORH SN Sn 1949 06.62

May 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0803 56.89
 CSKK SN ESg 0803 58.09

May 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0804 12.83
 CSKK SN ESg 0804 15.07

May 14 2012 Hour: 10:00:40.0 Lat: 17.70°S Lon: 69.66°W M: 6.2 Depth: 104 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP C 1014 14.22

May 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 2044 52.81
 CSKK SN ESg 2044 53.94
 MORH SN Sn 2045 26.08

May 15 2012 Hour: 02:15:35.0 Lat: 41.52°N Lon: 20.27°E M: 3.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 0217 05.68
 MORH SZ EPn 0216 48.94
 PSZ SZ EPn 0217 07.67
 CSKK SN Sn 0218 15.49
 MORH SN Sn 0217 42.57
 PSZ SN Sn 0218 23.44

May 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0708 33.91
 CSKK SE ESg 0708 35.14

May 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0709 10.71
 CSKK SE ESg 0709 12.53

May 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0711 44.86
 CSKK SE ESg 0711 45.72

May 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1056 06.24
 PSZ SN ESg 1056 11.92

May 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2022 22.08
 BEHE SZ EPn 2022 33.86

CSKK SZ EPn 2022 37.44
 PSZ SZ EPn 2022 47.07
 BEHE SN Sn 2022 50.76
 MORH SN Sn 2022 42.67
 CSKK SN Sn 2023 05.72
 PSZ SN Sn 2023 24.46

May 16 2012 Hour: 01:28:25.0 Lat: 24.37°S Lon: 175.83°W M: 5.2 Depth: 60 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP 0148 35.39
 TRPA SZ EP 0148 24.20

May 16 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0628 56.25
 CSKK SN ESg 0628 57.49

May 16 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0740 02.76
 CSKK SN ESg 0740 04.14

May 16 2012 Hour: 21:26:02.0 Lat: 45.94°N Lon: 21.88°E M: 2.8 Depth: 4 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2126 38.48
 PSZ SZ EPn 2126 40.81
 MORH SE Sn 2127 09.49
 PSZ SN Sn 2127 07.47

May 17 2012 Hour: 03:01:15.0 Lat: 43.15°N Lon: 17.15°E M: 3.1 Depth: 5 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0302 31.77
 MORH SZ EPn D 0302 05.25
 MORH SN Sn 0302 45.25
 PSZ SN Sn 0303 30.90

May 17 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1034 29.18
 PSZ SN ESg 1034 35.50

May 17 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1244 21.58
 PSZ SN ESg 1244 24.05
 PSZ SE ESg 1244 24.24

May 17 2012 Hour: 21:22:04.0 Lat: 39.27°N Lon: 20.68°E M: 4.1 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2123 47.96
 PSZ SZ EPn 2124 06.71
 PSZ SN Sn 2125 41.17
 MORH SN Sn 2125 05.10

May 17 2012 Hour: 21:40:40.0 Lat: 27.08°N Lon: 53.98°E M: 5.1 Depth: 3 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 2147 22.97

May 18 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0801 34.64
 PSZ SN Sn 0801 48.35

May 18 2012 Hour: 08:18:59.0 Lat: 36.16°N Lon: 139.74°E M: 4.9 Depth: 60 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 0831 05.56

May 18 2012 Hour: 14:46:35.0 Lat: 41.69°N Lon: 46.89°E M: 4.8 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 1451 21.10
 MORH SZ EP 1451 16.58
 PSZ SZ EP 1451 11.42
 PSZ SN Sn 1454 55.32
 MORH SN Sn 1455 09.56

May 18 2012 Hour: 20:38:56.0 Lat: 44.99°N Lon: 15.05°E M: 3.3 Depth: 20 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 2039 41.70
 PSZ SZ EPn 2040 02.85
 BEHE SN Sn 2039 57.96
 MORH SN Sn 2040 11.28
 PSZ SN Sn 2040 53.59
 SOP SN Sn 2040 15.39
 BEHE SZ EPn 2039 29.05
 MORH SZ EPn 2039 39.17

May 18 2012 Hour: 21:23:23.0 Lat: 39.71°N Lon: 143.22°E M: 5.1 Depth: 5 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP C 2135 36.47
 MORH SZ EP C 2135 39.46
 PSZ SZ EP C 2135 30.32
 TRPA SZ EP C 2135 23.07

May 19 2012 Hour: 00:00:52.0 Lat: 43.93°N Lon: 21.30°E M: 2.5 Depth: 3 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0001 54.73
 MORH SZ EPn 0001 38.95
 BEHE SN Sn 0002 41.59
 MORH SN Sn 0002 17.48

May 19 2012 Hour: 19:05:20.0 Lat: 39.76°N Lon: 143.19°E M: 5.9 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 1917 29.49
 BEHE SZ EP C 1917 38.91
 CSKK SZ EP 1917 32.81
 MORH SZ EP C 1917 34.62

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PSZ	SZ	EP	C	1917	25.75
SOP	SZ	EP	C	1917	34.62
TRPA	SZ	EP	C	1917	18.41
TRPA	SN	ES		1927	08.53
SOP	SE	ES		1927	44.86
PSZ	SE	ES		1927	34.77
MORH	SN	ES	D	1927	38.81
BUD	XE	ES		1927	36.79
BEHE	SN	ES		1927	59.00
CSKK	SE	ES		1927	44.86

May 19 2012 Hour: 22:28:07.0 Lat: 13.20°N Lon: 43.99°E M: 4.6 Depth: 18 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EP		2235	29.27											
MORH	SZ	EP		2235	35.04											
SOP	SZ	EP		2235	27.64											

May 19 2012 Hour: 23:13:27.0 Lat: 44.91°N Lon: 11.26°E M: 4.0 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPn		2314	49.53											
SOP	SZ	EPn		2314	36.88											
MORH	SE	EPn		2315	08.29											
MORH	SZ	EPn		2314	47.78											
BUD	XZ	EPn		2314	51.93											
MORH	SN	Sn		2315	47.81											
SOP	SN	Sn		2315	29.15											
PSZ	SN	Sn		2316	22.08											
TRPA	SN	Sn		2317	04.93											
TRPA	SZ	EPn		2315	30.19											
PSZ	SZ	EPn		2315	06.94											
CSKK	SN	Sn		2315	52.17											
BUD	XN	Sn		2316	02.10											
BEHE	SN	Sn		2315	22.41											
BEHE	SZ	EPn		2314	31.55											

May 20 2012 Hour: 02:03:53.0 Lat: 44.90°N Lon: 11.24°E M: 6.1 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		0205	06.84											
CSKK	SZ	EP		0205	14.46											
BUD	XZ	EP		0205	22.45											
MORH	SZ	EP		0205	15.19											
PSZ	SZ	EP		0205	33.69											
SOP	SZ	EP		0205	03.94											
TRPA	SZ	EP		0205	56.55											
BEHE	SN	Sn		0205	47.27											
BEHE	SN	ESg		0206	11.76											
BUD	XN	Sn		0206	32.78											
BUD	XN	ESg		0207	10.12											
MORH	SN	Sn		0206	18.19											
MORH	SN	ESg		0206	49.60											
PSZ	SN	Sn		0206	49.60											
PSZ	SN	ESg		0207	34.85											
SOP	SN	Sn		0205	58.65											

SOP SN ESg 0206 24.12
 TRPA SN Sn 0207 32.87
 TRPA SN ESg 0208 30.67
 CSKK SN ESg 0206 53.46
 CSKK SN Sn 0206 18.48

May 20 2012 Hour: 02:20:43.0 Lat: 45.00°N Lon: 11.37°E M: 4.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0222 01.23
 SOP SZ EPn 0221 50.48
 SOP SN Sn 0222 38.73
 MORH SE Sn 0223 03.87

May 20 2012 Hour: 03:02:48.0 Lat: 44.89°N Lon: 11.18°E M: 5.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0303 53.47
 BUD XZ EPn 0304 16.41
 CSKK SZ EPn 0304 11.82
 MORH SZ EPn 0304 18.37
 PSZ SZ EPn 0304 28.85
 SOP SZ EPn 0303 54.78
 TRPA SZ EPn 0304 52.44
 TRPA SN Sn 0306 45.66
 BEHE SN Sn 0304 42.71
 BEHE SN ESg 0305 08.01
 BUD XN Sn 0305 29.24
 BUD XN ESg 0306 06.11
 CSKK SN Sn 0305 14.02
 PSZ SN Sn 0306 31.41
 SOP SN Sn 0305 21.95
 MORH SN Sn 0305 47.15

May 20 2012 Hour: 03:32:11.7 Lat: 44.87°N Lon: 11.36°E M: 3.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 0333 18.75
 SOP SN Sn 0334 10.34
 MORH SZ EPn 0333 28.99
 MORH SN Sn 0334 35.05
 BEHE SZ EPn 0333 15.69
 BEHE SN Sn 0334 05.95
 BEHE SN ESg 0334 28.44

May 20 2012 Hour: 04:33:23.0 Lat: 44.79°N Lon: 11.27°E M: 3.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0434 29.63
 SOP SZ EPn 0434 28.43
 MORH SN EPn 0435 39.06
 MORH SN Sn 0435 39.52
 MORH SN ESg 0436 20.70
 SOP SN Sn 0435 19.61
 SOP SN ESg 0435 57.02
 BEHE SN Sn 0435 19.61
 BEHE SN ESg 0435 41.23

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MORH SZ EPn 0434 40.90

May 20 2012 Hour: 07:20:42.7 Lat: 39.85°N Lon: 143.10°E M: 6.3 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EP C 0732 07.47

SOP SN ES 0742 24.41

SOP SN EPP 0736 04.15

May 20 2012 Hour: 07:20:42.7 Lat: 39.85°N Lon: 143.10°E M: 6.3 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP C 0732 13.33

MORH SZ EP 0732 09.11

PSZ SZ EP 0732 01.73

SOP SZ EP 0732 09.37

TRPA SZ EP 0731 53.30

BEHE SN ES 0743 22.59

BEHE SN EPP 0736 08.34

MORH SN ES 0742 32.25

MORH SN EPP 0735 56.94

PKST SN EPP 0735 49.82

PSZ SN ES 0742 24.19

PSZ SN EPP 0735 45.54

SOP SN ES 0742 22.18

SOP SN EPP 0735 46.97

TRPA SN ES 0742 36.27

TRPA SN EPP 0735 28.44

May 20 2012 Hour: 08:15:57.0 Lat: 44.97°N Lon: 11.14°E M: 3.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 0817 26.50

SOP SZ EPn 0817 04.94

SOP SN Sn 0817 59.64

PSZ SN Sn 0818 51.19

May 20 2012 Hour: 08:20:57.0 Lat: 39.67°N Lon: 143.32°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 0833 13.32

PSZ SZ EP 0833 03.90

SOP SZ EP C 0833 12.85

May 20 2012 Hour: 08:40:40.7 Lat: 39.54°N Lon: 143.43°E M: 5.0 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP 0852 51.81

MORH SZ EP 0852 59.44

PSZ SZ EP 0852 46.47

SOP SZ EP 0852 56.01

May 20 2012 Hour: 09:13:20.4 Lat: 44.85°N Lon: 11.43°E M: 4.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPn 0914 41.41

PSZ SZ EPn 0915 02.52

SOP SZ EPn 0914 29.63

SOP SN Sn 0915 22.01

MORH SZ EPn 0914 38.97
 MORH SN Sn 0915 42.59
 PSZ SN Sn 0916 02.39
 CSKK SN Sn 0915 42.59

May 20 2012 Hour: 10:12:23.0 Lat: 44.92°N Lon: 11.07°E M: 4.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 1013 31.32
 PSZ SZ EPn 1014 02.31
 BEHE SZ EPn 1013 27.07
 MORH SZ EPn 1013 40.02
 MORH SN Sn 1014 41.41
 PSZ SN Sn 1015 14.29
 SOP SN Sn 1014 25.25
 BEHE SN Sn 1014 20.98

May 20 2012 Hour: 10:59:20.0 Lat: 44.89°N Lon: 11.26°E M: 3.6 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 1100 29.27
 SOP SN Sn 1101 20.60

May 20 2012 Hour: 12:50:25.0 Lat: 44.87°N Lon: 11.33°E M: 3.8 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 1252 00.75
 SOP SN Sn 1252 25.66
 MORH SN Sn 1252 47.07
 PSZ SN Sn 1253 24.05
 SOP SZ EPn 1251 34.35
 MORH SZ EPn 1251 44.82

May 20 2012 Hour: 13:18:03.0 Lat: 44.83°N Lon: 11.44°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 1319 06.82
 BUD XZ EPn 1319 33.25
 CSKK SZ EPn 1319 25.70
 MORH SZ EPn 1319 24.67
 PSZ SZ EPn 1319 41.83
 SOP SZ EPn 1319 10.94
 TRPA SZ EPn 1320 05.86
 TRPA SN Sn 1321 40.85
 SOP SN Sn 1320 07.12
 PSZ SN Sn 1320 52.51
 MORH SN Sn 1320 24.83
 CSKK SN Sn 1320 27.78
 BUD XN Sn 1320 41.07
 BEHE SN Sn 1319 55.31

May 20 2012 Hour: 14:51:29.0 Lat: 44.89°N Lon: 11.27°E M: 3.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 1452 37.42
 SOP SN Sn 1453 28.48
 MORH SZ EPn 1452 47.61
 MORH SN Sn 1453 48.36

May 20 2012 Hour: 17:37:14.0 Lat: 44.87°N Lon: 11.31°E M: 4.6 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		1738	22.78											
CSKK	SZ	EPn		1738	32.35											
PSZ	SZ	EPn		1738	51.49											
SOP	SZ	EPn		1738	19.59											
TRPA	SZ	EPn		1739	15.43											
CSKK	SN	Sn		1739	44.14											
PSZ	SN	Sn		1740	08.07											
TRPA	SN	Sn		1740	53.37											
SOP	SN	Sn		1739	17.39											
BEHE	SN	Sn		1739	08.85											

May 20 2012 Hour: 22:22:45.0 Lat: 44.80°N Lon: 11.40°E M: 3.6 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EPn		2223	53.36											
BEHE	SZ	EPn		2223	49.22											
BEHE	SZ	EPg		2224	03.54											
MORH	SZ	EPn		2224	05.21											
SOP	SN	Sn		2224	47.71											
SOP	SN	ESg		2225	16.48											
MORH	SN	Sn		2225	00.66											
MORH	SN	ESg		2225	39.29											
BEHE	SN	Sn		2224	38.51											
BEHE	SN	ESg		2225	01.66											

May 20 2012 Hour: 23:04:28.0 Lat: 45.00°N Lon: 11.28°E M: 4.0 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EPn		2305	35.03											
PSZ	SZ	EPn		2306	06.27											
PSZ	SN	Sn		2307	21.08											
SOP	SN	Sn		2306	25.86											
SOP	SN	ESg		2306	57.23											

May 20 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		2322	04.28											
CSKK	SN	ESg		2322	05.63											

May 21 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		0030	03.41											
CSKK	SN	ESg		0030	04.06											

May 21 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		0047	04.79											
CSKK	SN	ESg		0047	06.15											

May 21 2012 Hour: 01:03:04.0 Lat: 44.91°N Lon: 11.19°E M: 3.5 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn		0104	24.33											

PSZ SZ EPn 0104 44.92
 MORH SN Sn 0105 23.89
 PSZ SN Sn 0105 56.64

May 21 2012 Hour: 10:17:11.0 Lat: 39.47°N Lon: 143.47°E M: 5.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 1029 33.99
 PSZ SZ EP 1029 25.39

May 21 2012 Hour: 16:37:32.0 Lat: 44.89°N Lon: 11.30°E M: 4.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 1639 10.46
 PSZ SN Sn 1640 24.00
 MORH SN Sn 1639 53.17
 MORH SZ EPn 1638 49.55

May 22 2012 Hour: 00:00:33.0 Lat: 42.66°N Lon: 23.01°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2401 59.64
 BUD XZ EPn 2402 53.56
 CSKK SZ EPn 2401 58.81
 MORH SZ EPn 2401 43.17
 PSZ SZ EPn 2401 57.58
 TRPA SZ EPn 2401 55.52
 BEHE SN Sn 2403 10.85
 BUD XN Sn 2404 01.48
 CSKK SN Sn 2403 03.44
 MORH SN Sn 2402 55.21
 PSZ SN Sn 2402 59.74
 TRPA SN Sn 2403 28.14

May 22 2012 Hour: 00:55:57.0 Lat: 42.59°N Lon: 23.05°E M: 3.0 Depth: 13 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0057 08.64
 MORH SN Sn 0058 07.46

May 22 2012 Hour: 01:30:51.0 Lat: 42.64°N Lon: 23.05°E M: 4.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0132 17.46
 BUD XZ EPn 0132 13.79
 CSKK SZ EPn 0132 17.07
 MORH SZ EPn 0132 00.86
 PSZ SZ EPn 0132 14.57
 TRPA SZ EPn 0132 13.02
 PSZ SE Sn 0133 18.27
 CSKK SN Sn 0133 20.78
 BUD XN Sn 0133 18.46
 BEHE SN Sn 0133 24.06
 TRPA SN Sn 0133 22.52
 MORH SN Sn 0132 58.46

May 22 2012 Hour: 02:13:29.0 Lat: 42.60°N Lon: 23.01°E M: 4.2 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

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BEHE SZ EPn 0214 55.71
BUD XZ EPn 0214 55.47
CSKK SZ EPn 0214 54.75
MORH SZ EPn 0214 39.96
PSZ SZ EPn 0214 51.89
TRPA SZ EPn 0214 55.47
BUD XN Sn 0215 57.05
BEHE SN Sn 0216 04.45
CSKK SN Sn 0216 02.54
MORH SN Sn 0215 33.42
PSZ SN Sn 0215 56.81
TRPA SN Sn 0216 00.40

May 22 2012 Hour: 04:09:58.0 Lat: 42.64°N Lon: 22.99°E M: 3.3 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn C 0411 10.16
MORH SN Sn 0412 07.61

May 22 2012 Hour: 04:29:12.0 Lat: 42.64°N Lon: 22.91°E M: 3.2 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn C 0430 24.00
MORH SN Sn 0431 20.30

May 22 2012 Hour: 06:11:16.0 Lat: 44.93°N Lon: 11.09°E M: 3.7 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 0612 36.59
MORH SN Sn 0613 36.00

May 22 2012 Hour: 17:07:42.0 Lat: 42.64°N Lon: 22.98°E M: 3.9 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 1708 52.01
PSZ SZ EPn 1709 11.28
TRPA SZ EPn 1709 07.36
PSZ SN Sn 1710 10.42
MORH SN Sn 1709 51.06
TRPA SN Sn 1710 08.57

May 22 2012 Hour: 19:52:35.0 Lat: 42.65°N Lon: 22.94°E M: 2.9 Depth: 2 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn C 1953 47.08

May 23 2012 Hour: 15:02:27.0 Lat: 41.43°N Lon: 142.01°E M: 6.0 Depth: 60 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ IP C 1514 25.66
MORH SZ ES 1525 05.85
PSZ SZ IP C 1514 16.24
PSZ SZ ES 1524 27.61
TRPA SZ IP C 1514 08.83
TRPA SZ ES 1523 53.40
BEHE SZ IP C 1514 29.02
BEHE SZ ES 1524 59.81
CSKK SZ IP 1514 22.29
CSKK SZ ES 1524 21.57

BUD XZ IP C 1514 19.94
 BUD XZ ES 1523 39.31

May 23 2012 Hour: 20:26:01.0 Lat: 46.73°N Lon: 152.61°E M: 5.6 Depth: 69 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ IP C 2038 00.85
 BUD XZ IP C 2037 52.27
 CSKK SZ IP 2037 54.11
 MORH SZ IP C 2037 57.79
 PSZ SZ IP C 2037 48.49
 TRPA SZ IP C 2037 42.06
 MORH SN ES 2047 37.91

May 23 2012 Hour: 21:41:18.0 Lat: 44.86°N Lon: 11.27°E M: 4.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2142 32.70
 BUD XZ EPn 2142 59.44
 CSKK SZ EPn 2142 43.87
 TRPA SZ EPn 2143 22.19
 CSKK SN Sn 2143 41.75
 PSZ SN Sn 2144 09.29
 TRPA SN Sn 2144 37.63
 MORH SZ EPn 2142 37.12
 PSZ SZ EPn 2142 56.92
 MORH SN Sn 2143 42.24
 BUD XN Sn 2143 49.77
 BEHE SN Sn 2143 13.44

May 23 2012 Hour: 21:59:15.0 Lat: 42.58°N Lon: 23.11°E M: 4.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2200 42.13
 CSKK SZ EPn 2200 43.16
 MORH SZ EPn 2200 23.93
 PSZ SZ EPn 2200 41.71
 TRPA SZ EPn 2200 36.34
 BUD XZ EPn 2200 42.13
 BEHE SN Sn 2201 48.69
 BUD XN Sn 2201 43.53
 CSKK SN Sn 2201 49.11
 MORH SN Sn 2201 20.58
 PSZ SN Sn 2201 43.11
 TRPA SN Sn 2201 44.30

May 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0605 36.06
 CSKK SN ESg 0605 37.07

May 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0832 48.37
 CSKK SN ESg 0832 49.50

May 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0833 05.56
 CSKK SE ESg 0833 06.37

May 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 0930 13.05
 PSZ SN ESg 0930 18.51

May 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1000 24.11
 PSZ SN ESg 1000 32.14

May 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1044 12.58
 CSKK SN ESg 1044 14.97

May 24 2012 Hour: 22:47:45.0 Lat: 73.04°N Lon: 5.77°E M: 6.2 Depth: 4 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 2253 20.74
 CSKK SZ EP 2253 18.29
 MORH SZ EP 2253 25.15
 PSZ SZ EP 2253 19.37
 TRPA SZ EP 2253 20.94
 BUD XN ES 2258 05.84
 MORH SN ES 2258 07.91
 PSZ SN ES 2257 57.57
 TRPA SN ES 2257 47.22

May 24 2012 Hour: 22:47:45.0 Lat: 73.04°N Lon: 5.77°E M: 6.2 Depth: 4 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2253 29.22
 BEHE SN ES 2258 09.37

May 25 2012 Hour: 00:25:54.0 Lat: 72.98°N Lon: 5.45°E M: 4.9 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 0031 32.00
 MORH SZ EP 0031 43.00
 PSZ SZ EP 0031 28.34
 TRPA SZ EP 0031 28.34

May 25 2012 Hour: 04:01:34.0 Lat: 72.96°N Lon: 5.61°E M: 5.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0407 11.78
 PSZ SZ EP 0407 06.54
 TRPA SZ EP 0407 08.41
 MORH SN ES 0412 03.29
 PSZ SE ES 0411 45.06
 TRPA SE ES 0411 44.47

May 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1015 22.61
 PSZ SN ESg 1015 25.63

May 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 1032 31.76
 SOP SN Sn 1033 25.33

May 25 2012 Hour: 10:31:23.0 Lat: 44.88°N Lon: 11.21°E M: 3.9 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 1032 32.06
 SOP SN Sn 1033 24.73

May 25 2012 Hour: 10:31:23.0 Lat: 44.88°N Lon: 11.21°E M: 3.9 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 1032 26.95
 PSZ SZ EPn 1033 00.41
 MORH SZ EPn 1032 41.90
 MORH SN Sn 1033 52.81
 BEHE SN Sn 1033 19.09
 PSZ SN Sn 1034 18.11

May 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1123 50.95
 CSKK SN ESg 1123 54.61

May 25 2012 Hour: 13:14:05.0 Lat: 44.90°N Lon: 11.08°E M: 4.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 1315 08.36
 MORH SZ EPn 1315 26.02
 SOP SZ EPn 1315 15.38
 MORH SN Sn 1316 32.09
 BEHE SN Sn 1316 02.73
 BEHE SN ESg 1316 28.48
 SOP SN Sn 1316 10.69
 SOP SN ESg 1316 34.71

May 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 2154 14.65
 CSKK SN ESg 2154 17.30

May 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 2355 50.33
 CSKK SN ESg 2355 50.73

May 26 2012 Hour: 03:27:02.0 Lat: 85.92°N Lon: 32.70°E M: 5.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 0334 37.09

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PSZ SZ EP 0334 21.60
 TRPA SZ EP C 0334 20.86

May 26 2012 Hour: 20:00:28.0 Lat: 27.02°N Lon: 140.19°E M: 4.9 Depth: 504 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 2012 27.64
 CSKK SZ EP 2012 30.46
 MORH SZ EP D 2012 32.30
 PSZ SZ EP D 2012 24.81

May 26 2012 Hour: 21:48:08.0 Lat: 26.96°N Lon: 140.09°E M: 6.0 Depth: 471 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN ES 2209 54.82
 PSZ SN ES 2209 50.35
 SOP SN ES 2209 55.46
 TRPA SN ES 2209 40.79
 BUD XN ES 2210 08.85
 TRPA SZ EPP D 2200 01.91
 TRPA SZ EP 2203 30.88
 SOP SZ EPP D 2200 17.38
 SOP SZ EP 2203 52.32
 PSZ SZ EPP D 2200 08.67
 PSZ SZ EP 2203 43.64
 MORH SZ EPP D 2200 16.57
 MORH SZ EP 2203 54.36
 BEHE SZ EPP D 2200 20.28
 BEHE SZ EP 2203 49.25
 BUD XZ EPP D 2200 12.38
 BUD XZ EP 2203 52.83
 CSKK SZ EPP D 2200 14.15
 CSKK SZ EP 2203 55.38

May 27 2012 Hour: 02:55:08.0 Lat: 44.88°N Lon: 11.36°E M: 3.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 0256 16.70
 SOP SN Sn 0257 06.52
 MORH SN Sn 0257 30.19
 MORH SZ EPn 0256 27.30

May 27 2012 Hour: 03:50:20.0 Lat: 2.86°S Lon: 100.10°E M: 5.3 Depth: 28 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0402 58.95
 PSZ SZ EP C 0402 56.05

May 27 2012 Hour: 07:49:55.0 Lat: 544.94°N Lon: 145.13°E M: 4.9 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 0801 52.20
 PSZ SZ EP D 0801 59.78
 MORH SZ EP D 0802 08.27

May 27 2012 Hour: 18:18:46.0 Lat: 44.90°N Lon: 11.20°E M: 4.1 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 1819 49.37

CSKK SZ EPn	1820 10.46
MORH SZ EPn	1820 09.35
PSZ SZ EPn	1820 24.89
TRPA SZ EPn	1820 49.32
CSKK SN Sn	1821 08.19
PSZ SE Sn	1821 47.05
TRPA SN Sn	1822 27.02
BEHE SN Sn	1820 40.58
MORH SN Sn	1821 11.01

May 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg D 2020 59.43
CSKK SN ESg 2021 01.50

May 27 2012 Hour: 20:25:43.0 Lat: 44.89°N Lon: 11.18°E M: 4.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 2027 01.97
MORH SZ EPn 2027 06.69
PSZ SZ EPn 2027 21.12
SOP SZ EPn 2026 53.92
SOP SN Sn 2027 46.09
MORH SN Sn 2028 01.07
PSZ SN Sn 2028 34.65
BEHE SN Sn 2027 39.68
TRPA SN Sn 2029 22.79
TRPA SZ EPn 2027 45.72

May 28 2012 Hour: 01:06:28.0 Lat: 39.83°N Lon: 16.10°E M: 4.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 0108 06.38
CSKK SZ EPn 0108 22.17
MORH SZ EPn 0108 03.65
PSZ SZ EPn 0108 30.37
SOP SZ EPn 0108 21.87
TRPA SZ EPn 0108 44.95
SOP SN Sn 0109 49.03
MORH SN Sn 0109 16.23
CSKK SN Sn 0109 19.27
BEHE SN Sn 0109 22.31
TRPA SN Sn 0110 06.34
PSZ SN Sn 0110 08.16

May 28 2012 Hour: 05:07:24.0 Lat: 28.03°S Lon: 63.17°W M: 6.7 Depth: 593 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPP 0524 43.83
BUD XZ EPP 0524 53.15
CSKK SZ EPP 0524 50.16
MORH SZ EPP 0524 49.05
PSZ SZ EPP 0525 00.97
SOP SZ EPP 0524 43.08
TRPA SZ EPP 0525 11.78

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May 28 2012 Hour: 15:44:12.0 Lat: 37.99°N Lon: 21.55°E M: 4.5 Depth: 16 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn C 1546 14.84
PSZ SZ EPn 1546 36.63
TRPA SZ EPn 1546 39.98
PSZ SN Sn 1548 30.14
MORH SN Sn 1547 44.03
TRPA SN Sn 1548 36.42

May 28 2012 Hour: 16:36:46.0 Lat: 35.81°N Lon: 140.09°E M: 5.3 Depth: 66 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1649 03.62
PSZ SZ EP C 1648 54.89
SOP SZ EP C 1649 04.11
TRPA SZ EP C 1648 47.42

May 28 2012 Hour: 21:47:10.0 Lat: 19.94°S Lon: 175.91°W M: 5.9 Depth: 221 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 2206 34.16
CSKK SZ EP 2206 35.33
MORH SZ EP 2206 37.29
PSZ SZ EP 2206 33.11
SOP SZ EP D 2206 36.12
TRPA SZ EP D 2206 29.98

May 29 2012 Hour: 01:56:04.0 Lat: 39.17°N Lon: 144.62°E M: 5.1 Depth: 36 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0208 21.24
PSZ SZ EP D 0208 12.82
SOP SZ EP 0208 21.12
TRPA SZ EP 0208 05.89

May 29 2012 Hour: 02:40:53.0 Lat: 54.37°N Lon: 168.95°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 0252 38.10
CSKK SZ EP 0252 39.58
MORH SZ EP 0252 44.25
PSZ SZ EP 0252 34.17
SOP SZ EP 0252 39.47
TRPA SZ EP 0252 29.40
TRPA SN ES 0301 57.53
SOP SN ES 0302 21.49
PSZ SN ES 0302 10.56
MORH SN ES 0302 31.57

May 29 2012 Hour: 03:33:26.0 Lat: 22.10°S Lon: 179.62°W M: 5.9 Depth: 610 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EP 0351 56.94
MORH SZ EP 0352 04.11
PSZ SZ EP 0352 03.32
SOP SZ EP 0352 02.92
TRPA SZ EP 0351 59.33

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

May 29 2012 Hour: 07:00:03.0 Lat: 44.89°N Lon: 11.07°E M: 5.8 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EPn		0701	33.20											
CSKK	SZ	EPn		0701	27.42											
MORH	SZ	EPn		0701	25.20											
PSZ	SZ	EPn		0701	42.09											
SOP	SZ	EPn		0701	13.19											
TRPA	SZ	EPn		0702	07.43											
PSZ	SN	Sn		0703	04.55											
TRPA	SN	Sn		0703	47.17											
SOP	SN	Sn		0702	13.87											
MORH	SN	Sn		0702	28.55											
BUD	XN	Sn		0702	45.60											

May 29 2012 Hour: 07:23:32.0 Lat: 42.59°N Lon: 23.01°E M: 3.7 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EPn		0724	54.34											
CSKK	SZ	EPn		0725	01.17											
MORH	SZ	EPn		0724	42.67											
PSZ	SZ	EPn		0725	00.37											
SOP	SZ	EPn		0725	12.44											
TRPA	SZ	EPn		0724	57.55											
TRPA	SN	Sn		0726	06.53											
PSZ	SN	Sn		0726	02.12											
BUD	XN	Sn		0726	01.78											

May 29 2012 Hour: 08:15:10.9 Lat: 44.95°N Lon: 11.09°E M: 3.8 Depth: 15 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		0816	14.21											
MORH	SZ	EPn		0816	28.18											
SOP	SZ	EPn		0816	18.07											
MORH	SN	Sn		0817	31.21											
SOP	SN	Sn		0817	13.67											
BEHE	SN	Sn		0817	05.59											
PSZ	SN	Sn		0818	08.00											
PSZ	SZ	EPn		0816	51.36											

May 29 2012 Hour: 08:25:51.0 Lat: 44.91°N Lon: 10.96°E M: 4.7 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		0827	12.62											
CSKK	SZ	EPn		0827	16.96											
MORH	SZ	EPn		0827	12.62											
SOP	SZ	EPn		0827	03.52											
PSZ	SZ	EPn		0827	32.44											
BEHE	SN	Sn		0827	49.38											
BEHE	SN	ESg		0828	14.43											
MORH	SN	Sn		0828	16.97											
MORH	SN	ESg		0828	50.37											
PSZ	SN	Sn		0828	46.08											
PSZ	SN	ESg		0829	37.56											
SOP	SN	Sn		0827	56.64											
SOP	SN	ESg		0828	27.86											

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

May 29 2012 Hour: 08:40:58.0 Lat: 44.89°N Lon: 11.01°E M: 4.6 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPn		0842	28.85											
PSZ	SZ	EPn		0842	38.49											
SOP	SZ	EPn		0842	09.15											
MORH	SN	Sn		0843	23.21											
SOP	SN	Sn		0843	00.02											
PSZ	SN	Sn		0843	55.67											
BEHE	SN	Sn		0842	54.53											
BEHE	SZ	EPn		0842	06.47											
MORH	SZ	EPn		0842	22.49											

May 29 2012 Hour: 10:55:56.0 Lat: 44.99°N Lon: 10.99°E M: 5.5 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EPn		1057	37.55											
CSKK	SZ	EPn		1057	22.22											
PSZ	SZ	EPn		1057	36.41											
SOP	SZ	EPn		1057	08.59											
TRPA	SZ	EPn		1058	00.83											
BEHE	SZ	EPn		1057	02.35											
BEHE	SN	Sn		1057	53.91											
BUD	XN	Sn		1058	38.88											
MORH	SZ	EPn		1057	29.03											
MORH	SZ	Sn		1058	23.63											
PSZ	SN	Sn		1058	56.66											
SOP	SN	Sn		1058	01.53											
TRPA	SN	Sn		1059	39.08											

May 29 2012 Hour: 16:37:22.0 Lat: 51.62°N Lon: 179.51°W M: 4.9 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EP		1649	33.99											
MORH	SZ	EP		1649	38.27											
PSZ	SZ	EP		1649	29.96											
TRPA	SZ	EP		1649	26.01											

May 29 2012 Hour: 18:28:01.0 Lat: 44.94°N Lon: 10.94°E M: 3.9 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		1829	07.34											
CSKK	SZ	EPn		1829	22.23											
MORH	SZ	EPn		1829	21.50											
PSZ	SZ	EPn		1829	41.04											
SOP	SZ	EPn		1829	13.20											
MORH	SN	Sn		1830	26.15											
PSZ	SN	Sn		1830	52.49											
SOP	SN	Sn		1830	06.61											
BEHE	SN	Sn		1830	00.38											
CSKK	SN	Sn		1830	28.42											

May 30 2012 Hour: 05:36:23.0 Lat: 42.59°N Lon: 22.97°E M: 3.4 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn		0537	33.42											
MORH	SN	Sn	1	0538	29.64											

May 30 2012 Hour: 06:00:34.0 Lat: 44.96°N Lon: 10.95°E M: 3.8 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		0601	39.66											
CSKK	SZ	EPn		0601	58.78											
MORH	SZ	EPn		0601	55.19											
PSZ	SZ	EPn		0602	13.59											
SOP	SZ	EPn		0601	45.40											
SOP	SN	Sn		0602	43.22											
MORH	SN	Sn		0602	57.31											
CSKK	SN	Sn		0603	01.13											
PSZ	SN	Sn		0603	34.58											
BEHE	SN	Sn		0602	54.44											

May 30 2012 Hour: 06:55:46.0 Lat: 28.59°N Lon: 52.32°E M: 4.8 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EP		0702	16.23											
MORH	SZ	EP		0702	09.95											
PSZ	SZ	EP		0702	10.63											

May 30 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		1146	23.46											
CSKK	SN	ESg		1146	27.42											

May 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg		0840	58.75											
PSZ	SN	ESg		0841	05.23											

May 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		0921	19.89											
CSKK	SN	ESg		0921	21.15											

May 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg	C	0921	35.15											
CSKK	SE	ESg		0921	35.94											

May 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		0928	14.63											
CSKK	SN	ESg		0928	15.83											

May 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		1000	20.01											
CSKK	SN	ESg		1000	22.43											

May 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		1203	15.89											
CSKK	SN	ESg		1203	23.08											

May 31 2012 Hour: 14:58:21.0 Lat: 44.91°N Lon: 10.93°E M: 4.0 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		1459	34.50											
MORH	SZ	EPn		1459	56.90											
PSZ	SZ	EPn		1500	01.74											
SOP	SZ	EPn		1459	31.17											
BEHE	SN	ESg		1500	46.91											
BEHE	SN	Sn		1500	18.66											
MORH	SN	ESg		1501	25.10											
MORH	SN	Sn		1500	47.70											
PSZ	SN	ESg		1502	07.66											
PSZ	SN	Sn		1501	21.12											
SOP	SN	ESg		1500	58.44											
SOP	SN	Sn		1500	28.61											

May 31 2012 Hour: 15:55:32.0 Lat: 20.38°S Lon: 178.14°W M: 4.6 Depth: 499 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP	D	1614	25.51											
PSZ	SZ	EP	D	1614	21.18											
TRPA	SZ	EP		1614	18.44											

May 31 2012 Hour: 19:04:04.0 Lat: 44.91°N Lon: 11.01°E M: 4.2 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		1905	16.42											
CSKK	SZ	EPn		1905	26.11											
PSZ	SZ	EPn		1905	44.14											
SOP	SZ	EPn		1905	12.81											
MORH	SZ	EPn		1905	23.86											
BUD	XZ	EPn		1905	34.00											
PSZ	SN	Sn		1906	56.05											
SOP	SN	Sn		1906	07.36											
BUD	XN	Sn		1906	45.24											
MORH	SN	Sn		1906	31.15											
TRPA	SN	Sn		1909	04.94											
TRPA	SZ	EPn		1906	54.90											
BEHE	SN	Sn		1906	02.77											

May 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		2121	49.86											
CSKK	SN	ESg		2121	52.16											

June 01 2012 Hour: 05:07:01.0 Lat: 77.04°S Lon: 149.02°W M: 5.6 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	IPP	D	0526	48.35											
BUD	XZ	IPP	D	0526	50.88											
CSKK	SZ	IPP		0526	50.15											
MORH	SZ	IPP	D	0526	47.41											
PSZ	SZ	IPP	D	0526	51.60											
SOP	SZ	IPP	D	0526	50.44											
TRPA	SZ	IPP	D	0526	52.47											

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

June 01 2012 Hour: 08:48:09.0 Lat: 36.04°N Lon: 139.64°E M: 5.1 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ IP C 0900 25.27
 PSZ SZ IP C 0900 16.87
 TRPA SZ IP C 0900 09.17

June 01 2012 Hour: 13:31:44.0 Lat: 20.28°S Lon: 177.74°W M: 5.3 Depth: 522 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPP D 1350 36.33
 PSZ SZ EPP D 1350 32.20
 TRPA SZ EPP D 1350 29.33

June 01 2012 Hour: 23:07:16.0 Lat: 44.94°N Lon: 10.96°E M: 3.5 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 2308 55.52
 CSKK SN Sn 2309 43.29
 MORH SN Sn 2309 40.56
 SOP SN Sn 2309 22.82
 CSKK SZ EPn 2308 39.08
 BEHE SN Sn 2309 15.82
 PSZ SN Sn 2310 16.84
 BEHE SZ EPn 2308 22.97
 MORH SZ EPn 2308 36.89
 SOP SZ EPn 2308 28.41

June 02 2012 Hour: 00:32:21.0 Lat: 43.32°N Lon: 46.20°E M: 4.6 Depth: 60 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0036 38.46
 MORH SZ EP 0036 46.80
 CSKK SZ EP 0036 50.72
 SOP SZ EP C 0037 03.82

June 02 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0552 35.51
 CSKK SZ EPn 0552 41.19
 CSKK SN Sn 0552 54.62
 PSZ SN Sn 0552 42.12

June 02 2012 Hour: 07:52:53.0 Lat: 22.02°S Lon: 63.55°W M: 6.0 Depth: 513 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ IP D 0805 44.65
 SOP SZ IP D 0805 40.68

June 02 2012 Hour: 15:32:39.0 Lat: 41.79°N Lon: 20.47°E M: 3.4 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 1534 07.30
 PSZ SZ EPn 1534 08.16
 CSKK SN Sn 1535 13.02
 MORH SN Sn 1534 41.77
 PSZ SN Sn 1535 16.59
 MORH SZ EPn 1533 48.34

June 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SN ESg 2014 39.93
 CSKK SZ EPg 2014 36.25

June 03 2012 Hour: 17:57:53.0 Lat: 44.93°N Lon: 10.97°E M: 3.8 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 1800 22.01
 MORH SZ EPn 1759 13.41

June 03 2012 Hour: 19:20:44.5 Lat: 44.95°N Lon: 11.00°E M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 1922 08.16
 TRPA SZ EPn 1922 48.08
 CSKK SN Sn 1923 17.48
 BEHE SN Sn 1922 42.91
 BUD XN Sn 1923 25.40
 MORH SN Sn 1923 12.22
 PSZ SN Sn 1923 42.62
 SOP SN Sn 1922 52.44
 TRPA SN Sn 1924 26.58
 BEHE SZ EPn 1921 50.53
 BUD XZ EPn 1922 14.75
 MORH SZ EPn 1922 05.19
 PSZ SZ EPn 1922 24.50
 SOP SZ EPn 1921 55.81

June 04 2012 Hour: 00:45:15.0 Lat: 5.36°N Lon: 82.70°W M: 6.2 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0058 29.27
 PSZ SZ EP 0058 35.83
 SOP SZ EP 0058 22.71
 MORH SN EPP 0102 11.02
 PSZ SN IS 0109 12.37
 PSZ SN EPP 0102 20.08
 SOP SN IS 0109 00.89
 SOP SN EPP 0102 01.95
 MORH SE IS 0109 03.47
 MORH SE ESS 0116 03.28
 PSZ SE ESS 0116 11.35
 SOP SE ESS 0115 37.04

June 04 2012 Hour: 03:15:24.0 Lat: 5.59°N Lon: 82.58°W M: 6.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0328 39.70
 PSZ SZ EP D 0328 43.33
 SOP SZ EP 0328 45.14
 MORH SN IS 0339 51.67
 PSZ SN IS 0339 35.33
 SOP SN IS 0339 35.61
 SOP SN ESS 0345 42.73
 PSZ SE ESS 0346 13.87
 MORH SE ESS 0346 13.13

June 04 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 0952 43.24
 PSZ SE ESg 0952 44.81

June 04 2012 Hour: 11:18:16.0 Lat: 7.69°S Lon: 106.40°E M: 5.8 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN ES 1142 18.91
 PSZ SN ES 1142 17.88
 MORH SZ IP C 1131 24.89
 MORH SZ EPP 1135 10.36
 PSZ SZ IP C 1131 22.34
 PSZ SZ EPP 1134 59.05

June 05 2012 Hour: 00:35:26.0 Lat: 13.50°N Lon: 44.88°W M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0045 38.76
 MORH SZ EP 0045 45.52
 PSZ SZ EP 0045 54.63
 SOP SZ EP 0045 38.92
 SOP SN ES 0053 45.14
 PSZ SN ES 0054 08.56
 MORH SN ES 0054 06.67
 BEHE SN ES 0053 54.59

June 05 2012 Hour: 07:47:08.0 Lat: 38.26°N Lon: 30.56°W M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0754 18.57
 PSZ SZ EP 0754 24.45

June 05 2012 Hour: 08:15:29.0 Lat: 44.74°N Lon: 18.38°E M: 3.0 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0816 05.07
 CSKK SZ EPn 0816 11.94
 MORH SZ EPn 0815 56.35
 PSZ SZ EPn 0816 21.66
 MORH SN Sn 0816 20.15
 BEHE SN Sn 0816 31.50
 CSKK SN Sn 0816 45.34
 PSZ SN Sn 0817 02.63
 SOP SN Sn 0816 59.67
 SOP SZ EPn 0816 19.53

June 05 2012 Hour: 11:01:20.0 Lat: 5.85°N Lon: 94.68°E M: 5.6 Depth: 50 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1113 11.62
 MORH SZ IP C 1113 03.52
 PSZ SZ IP C 1113 00.18
 SOP SZ IP C 1113 12.48

June 05 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

MORH SZ EPn 1904 19.72
 BEHE SZ EPn 1904 26.98
 MORH SN Sn 1904 42.47
 BEHE SN Sn 1905 02.15

June 05 2012 Hour: 19:31:33.0 Lat: 35.08°N Lon: 141.20°E M: 6.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 1943 50.49
 MORH SZ EP 1943 55.99
 PSZ SZ EP 1943 53.79
 SOP SZ EP 1943 59.29
 PSZ SN ES 1954 11.67
 BUD XN ES 1954 29.26
 BEHE SN ES 1954 51.24
 MORH SN ES 1954 24.86
 MORH SN EPP 1947 16.52
 SOP SN ES 1954 31.46
 SOP SN EPP 1947 16.52
 BEHE SZ EP 1944 02.58
 BEHE SZ EPP 1947 23.01

June 06 2012 Hour: 01:08:35.0 Lat: 22.40°N Lon: 121.42°E M: 5.6 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SE ES 0131 22.73
 MORH SN ES 0131 10.82
 PSZ SE ES 0130 54.33
 SOP SE ES 0131 18.15
 BEHE SZ EP 0121 01.78
 BUD XZ EP 0120 52.61
 CSKK SZ EP 0120 54.55
 MORH SZ EP 0120 53.72
 PSZ SZ EP 0120 48.16
 SOP SZ EP 0121 00.39
 TRPA SZ EP 0120 39.26
 BEHE SN ES 0131 22.97
 BUD XN ES 0131 15.55

June 06 2012 Hour: 04:08:31.0 Lat: 44.45°N Lon: 12.26°E M: 4.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 0409 49.36
 BUD XZ EPn 0409 54.80
 BEHE SN Sn 0410 12.84
 CSKK SN Sn 0410 44.62
 MORH SN Sn 0410 36.32
 SOP SN Sn 0410 27.01
 BUD XN Sn 0411 07.13
 BEHE SZ EPn 0409 30.11
 MORH SZ EPn 0409 42.46
 MORH SZ Sn 0411 03.21
 SOP SZ EPn 0409 37.25

June 06 2012 Hour: 14:04:14.0 Lat: 51.69°N Lon: 96.01°E M: 5.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 1413 01.20
 PSZ SZ EP 1412 48.71
 SOP SZ EP C 1413 04.95
 TRPA SZ EP C 1412 36.01

June 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0754 52.07
 CSKK SE ESg 0754 53.11

June 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0755 06.78
 CSKK SN ESg 0755 07.59

June 07 2012 Hour: 09:01:54.0 Lat: 20.14°S Lon: 176.35°W M: 5.8 Depth: 300 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 0921 10.33
 CSKK SZ EP 0921 10.53
 MORH SZ EP C 0921 05.63
 TRPA SZ EP C 0921 05.56
 PSZ SZ EP 0921 08.71
 SOP SZ EP 0921 11.73

June 07 2012 Hour: 10:17:14.0 Lat: 41.38°N Lon: 20.91°E M: 4.5 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EPn 1018 46.94
 PSZ SZ EPn 1018 52.05
 BUD XN Sn 1019 59.78
 CSKK SN Sn 1019 57.23
 MORH SN Sn 1019 30.07
 PSZ SN Sn 1020 08.09
 SOP SE Sn 1020 22.14
 SOP SZ EPn 1018 58.19
 TRPA SZ EPn 1018 56.14
 TRPA SN Sn 1020 14.85
 MORH SZ EPn 1018 31.42
 CSKK SZ EPn 1018 48.15

June 07 2012 Hour: 20:54:26.0 Lat: 40.85°N Lon: 27.92°E M: 5.1 Depth: 14 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2056 39.34
 TRPA SZ EP 2056 26.40
 BUD XZ EP 2056 32.62
 BUD XZ EPn 2056 35.95
 BEHE SN Sn 2058 35.69
 BUD XN Sn 2058 21.06
 MORH SN Sn 2058 05.54
 MORH SN ESg 2059 04.07
 TRPA SN Sn 2057 59.33
 TRPA SN ESg 2058 56.09
 PSZ SN Sn 2058 17.95
 PSZ SN ESg 2059 22.26

BEHE SZ EP 2056 32.62
 BEHE SZ EPn 2056 43.97
 MORH SZ EP 2056 29.67
 MORH SZ EPn D 2056 29.21
 PSZ SZ EP 2056 44.71
 PSZ SZ EPn 2056 37.68

June 08 2012 Hour: 00:36:14.0 Lat: 44.77°N Lon: 18.43°E M: 2.8 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 0036 56.17
 PSZ SN Sn 0037 45.12
 SOP SN Sn 0037 44.66
 BEHE SN Sn 0037 16.95
 CSKK SN Sn 0037 30.20
 BEHE SZ EPn 0036 48.96
 SOP SZ EPn D 0037 04.29
 PSZ SZ EPn 0037 05.57

June 08 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SN ESg 0114 53.26

June 08 2012 Hour: 03:44:29.0 Lat: 41.24°N Lon: 20.90°E M: 4.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 0346 15.11
 TRPA SZ EPn 0346 07.17
 PSZ SN Sn 0347 23.19
 SOP SN Sn 0347 34.91
 PSZ SZ EPn D 0346 05.52
 TRPA SN Sn 0347 32.27

June 08 2012 Hour: 03:44:29.0 Lat: 41.24°N Lon: 20.90°E M: 4.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0345 57.52
 BUD XZ EPn 0346 01.18
 CSKK SZ EPn 0346 03.17
 BUD XN Sn 0347 12.39
 BEHE SN Sn 0347 05.99
 CSKK SN Sn 0347 12.87

June 08 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1038 52.26
 PSZ SE ESg 1038 54.13

June 08 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1142 22.23
 PSZ SE ESg 1142 25.74

June 09 2012 Hour: 02:04:57.0 Lat: 46.16°N Lon: 12.53°E M: 4.3 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SN Sn 0208 15.03

CSKK	SN	Sn	0206	48.44
SOP	SN	Sn	0206	21.33
SOP	SN	ESg	0206	40.84
PSZ	SN	Sn	0207	20.62
PSZ	SN	ESg	0207	53.18
MORH	SN	Sn	0206	48.88
MORH	SN	ESg	0207	17.93
BEHE	SN	Sn	0206	21.36
BEHE	SN	ESg	0206	36.94
CSKK	SZ	EPn	0206	02.68
MORH	SZ	EPn	D 0206	01.55
SOP	SZ	EPn	C 0205	48.00
TRPA	SZ	EPn	0206	43.29
BEHE	SZ	EPn	0205	44.95
BEHE	SZ	EPg	0205	53.68
PSZ	SZ	EPn	0206	18.61

June 09 2012 Hour: 12:02:47.0 Lat: 51.74°N Lon: 159.23°E M: 5.2 Depth: 20 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP	C	1214	20.59											
SOP	SZ	EP	C	1214	33.54											
PSZ	SZ	EP	C	1214	26.66											
MORH	SZ	EP	C	1214	36.29											
CSKK	SZ	EP		1214	32.62											
BUD	XZ	EP	C	1214	30.44											
BEHE	SZ	EP	C	1214	38.58											

June 09 2012 Hour: 14:23:21.0 Lat: 48.90°N Lon: 154.97°E M: 5.5 Depth: 60 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP	C	1435	11.56											
PSZ	SZ	EP	C	1435	02.51											
SOP	SZ	EP	C	1435	10.38											

June 09 2012 Hour: 21:00:18.0 Lat: 24.56°N Lon: 122.29°E M: 5.9 Depth: 74 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP	C	2112	09.63											
SOP	SZ	EP	C	2112	30.83											
MORH	SZ	EP	C	2112	27.21											
LTVH	SZ	EP	C	2112	14.10											
CSKK	SZ	EP		2112	24.98											
BUD	XZ	EP	C	2112	23.02											
BEHE	SZ	EP	C	2112	33.07											
MORH	SN	ES		2122	31.70											
TRPA	SN	ES		2122	09.13											
SOP	SE	ES		2122	37.69											
LTVH	SN	ES		2122	23.94											
BUD	XN	ES		2122	39.10											
BEHE	SE	ES		2122	44.39											

June 10 2012 Hour: 01:16:49.0 Lat: 51.49°N Lon: 15.99°E M: 3.9 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EPn		0117	47.11											
SOP	SE	Sn		0118	35.14											

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SOP SN ESg 0118 51.18

June 11 2012 Hour: 05:02:16.0 Lat: 36.13°N Lon: 69.42°E M: 5.4 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP D 0509 33.94

PSZ SZ ES 0515 26.47

SOP SZ EP D 0509 52.31

SOP SZ IS 0515 44.59

TRPA SZ EP D 0509 17.77

TRPA SZ ES 0514 54.25

June 11 2012 Hour: 05:29:14.0 Lat: 36.13°N Lon: 69.40°E M: 5.7 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP D 0536 31.65

PSZ SZ ES 0542 24.91

SOP SZ EP D 0536 49.73

SOP SZ ES 0542 42.43

TRPA SZ EP D 0536 13.14

TRPA SZ ES 0542 01.21

TRPA SE EPP 0537 40.49

PSZ SN EPP 0537 55.13

PSZ SN ESS 0545 20.40

SOP SN EPP 0538 13.88

SOP SN ESS 0545 40.54

TRPA SN ESS 0544 28.03

June 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0813 44.25

CSKK SN ESg 0813 48.65

June 11 2012 Hour: 09:48:09.0 Lat: 43.88°N Lon: 11.80°E M: 3.7 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EPn 0949 14.91

CSKK SZ EPn 0949 33.78

SOP SZ EPn 0949 22.87

PSZ SZ EPn 0949 50.61

BEHE SN Sn 0949 59.02

MORH SZ EPn 0949 28.10

MORH SZ Sn 0950 21.76

PSZ SN Sn 0951 02.24

SOP SN Sn 0950 16.99

June 11 2012 Hour: 10:33:17.0 Lat: 51.40°N Lon: 15.91°E M: 3.9 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EPn 1034 13.36

PSZ SN Sn 1035 16.22

MORH SN Sn 1035 45.10

SOP SN Sn 1035 01.63

SOP SN ESg 1035 20.18

PSZ SE ESg 1035 37.96

PSZ SZ EPn 1034 22.90

MORH SZ EPn 1034 39.88

June 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1234 44.10
 PSZ SE ESg 1234 46.10

June 12 2012 Hour: 01:48:36.0 Lat: 44.94°N Lon: 10.96°E M: 4.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0149 49.60
 CSKK SZ EPn 0150 00.60
 PSZ SZ EPn 0150 16.18
 SOP SZ EPn 0149 48.69
 CSKK SN Sn 0151 02.91
 BUD XZ EPn 0149 54.19
 MORH SZ EPn 0150 00.55
 MORH SN Sn 0151 00.56
 BUD XN Sn 0151 16.40
 BEHE SN Sn 0150 34.97
 BEHE SN ESg 0151 10.92
 PSZ SN Sn 0151 32.69
 PSZ SN ESg 0152 31.95
 SOP SN Sn 0150 43.21
 SOP SN ESg 0151 14.88

June 12 2012 Hour: 05:59:38.0 Lat: 5.78°S Lon: 105.45°E M: 5.3 Depth: 166 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 0612 24.71
 SOP SZ EP 0613 09.63
 TRPA SZ EP C 0612 16.41

June 14 2012 Hour: 05:52:54.0 Lat: 37.21°N Lon: 42.47°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0557 37.92
 CSKK SZ EP 0557 30.73
 PSZ SZ EP 0557 24.34
 TRPA SZ EP 0557 06.77
 TRPA SN ES 0600 45.20
 PSZ SE ES 0601 13.58
 CSKK SN ES 0601 21.21
 BEHE SN ES 0601 37.58

June 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0902 57.30
 CSKK SE ESg 0902 58.24

June 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0912 19.37
 CSKK SN ESg 0912 20.42

June 14 2012 Hour: 11:04:04.0 Lat: 22.25°S Lon: 179.7°E M: 5.3 Depth: 1 573 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPP D 1122 48.85

June 14 2012 Hour: 21:51:28.0 Lat: 42.23°N Lon: 84.32°E M: 5.4 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ IP C 2159 56.67

TRPA SZ IP C 2159 24.85

CSKK SZ EP 2159 48.25

PSZ SZ IP C 2159 38.65

June 15 2012 Hour: 01:14:11.0 Lat: 5.72°N Lon: 126.52°E M: 5.6 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 0127 24.90

PSZ SZ EP 0127 32.93

CSKK SZ EP 0127 38.58

June 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg C 0751 40.81

CSKK SE ESg 0751 41.63

June 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0800 11.41

CSKK SE ESg 0800 12.08

June 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0800 48.90

CSKK SE ESg 0800 49.98

June 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPg 1058 18.38

PSZ SN ESg 1058 34.75

June 15 2012 Hour: 22:13:48.0 Lat: 44.89°N Lon: 11.27°E M: 3.7 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SN Sn 2216 39.47

BEHE SN Sn 2215 41.69

BEHE SN ESg 2216 06.72

SOP SN Sn 2215 51.37

SOP SN ESg 2216 14.32

BEHE SZ EPn 2214 52.96

PSZ SZ EPn 2215 27.14

SOP SZ EPn 2214 57.43

June 16 2012 Hour: 22:18:48.0 Lat: 15.69°N Lon: 119.64°E M: 5.8 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ IP C 2231 30.01

SOP SZ ES 2242 04.27

LTVH SZ IP C 2231 14.34

LTVH SZ ES 2242 28.86

BEHE SZ EP C 2231 32.54

BEHE SZ ES	2242 14.67
BUD XZ IP	C 2231 22.94
BUD XZ ES	2241 51.48
CSKK SZ EP	2231 25.97
CSKK SZ ES	2241 59.85
PSZ SZ IP	C 2231 19.65
PSZ SZ ES	2241 40.72
TRPA SZ IP	C 2231 10.55
TRPA SZ ES	2241 33.54

June 17 2012 Hour: 03:43:09.0 Lat: 8.44°S Lon: 160.41°E M: 5.6 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7	
BEHE SZ EPP	0402 16.45
BUD XZ EPP	0402 12.79
CSKK SZ EPP	0402 13.79
LTVH SZ EPP	0402 10.05
PSZ SZ EPP	D 0402 11.96
SOP SZ EPP	D 0402 15.28
MORH SZ EPP	0402 11.88

June 17 2012 Hour: 17:26:27.0 Lat: 20.40°S Lon: 174.27°W M: 5.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7	
TRPA SZ EPP	C 1746 16.12
SOP SZ EPP	C 1746 21.87
CSKK SZ EPP	1746 21.16
PSZ SZ EPP	C 1746 19.04

June 17 2012 Hour: 19:20:42.0 Lat: 40.53°N Lon: 21.58°E M: 4.6 Depth: 27 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7	
BEHE SZ EPn	1922 26.34
BUD XZ EPn	C 1922 29.51
CSKK SZ EPn	1922 28.24
LTVH SZ EPn	1922 27.29
PSZ SZ EPn	1922 31.42
SOP SZ EPn	1922 41.26
TRPA SZ EPn	1922 34.06
CSKK SN Sn	1923 51.62
PSZ SN Sn	1923 54.50
SOP SN Sn	1924 09.38
LTVH SN Sn	1924 05.54
LTVH SN ESg	1924 29.06
TRPA SN Sn	1924 04.58
TRPA SN ESg	1924 52.58
BEHE SN Sn	1923 36.26
BEHE SN ESg	1924 32.90
BUD XN Sn	1923 47.30
BUD XN ESg	1924 34.34

June 17 2012 Hour: 20:32:23.0 Lat: 38.97°N Lon: 141.83°E M: 6.4 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7	
TRPA SZ IP	C 2044 16.64
TRPA SZ ES	2054 01.78
SOP SZ IP	C 2044 33.08

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SOP	SZ	ES		2054	50.29
PSZ	SZ	IP	C	2044	23.72
PSZ	SZ	ES		2054	52.31
LTVH	SZ	IP	C	2044	19.93
LTVH	SZ	ES		2054	24.02
CSKK	SZ	IP		2044	28.78
CSKK	SZ	ES		2054	46.25
BUD	XZ	IP	C	2044	27.01
BUD	XZ	ES		2055	10.51
BEHE	SZ	IP	C	2044	36.37
BEHE	SZ	ES		2055	30.72

June 18 2012 Hour: 00:02:40.0 Lat: 41.47°N Lon: 29.22°W M: 5.0 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EP		0009	10.88											
TRPA	SZ	EP		0009	45.74											
PSZ	SZ	EP	C	0009	31.03											
LTVH	SZ	EP	C	0009	43.23											
SOP	SN	ES		0014	33.42											
TRPA	SN	ES		0015	32.45											
PSZ	SN	ES		0014	30.02											

June 18 2012 Hour: 20:14:54.0 Lat: 86.36°N Lon: 41.52°E M: 4.7 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP	C	2022	18.52											
SOP	SZ	EP	C	2022	23.80											
PSZ	SZ	EP	C	2022	21.29											

June 18 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg	C	2110	16.11											
CSKK	SN	ESg		2110	16.55											

June 18 2012 Hour: 22:02:21.0 Lat: 44.90°N Lon: 11.04°E M: 3.2 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPn		2203	59.38											
CSKK	SZ	EPn		2203	41.96											
BEHE	SZ	EPn		2203	22.58											
PSZ	SN	Sn		2205	15.82											
CSKK	SN	Sn		2204	48.16											
SOP	SZ	EPn		2203	31.50											
BEHE	SN	Sn		2204	19.80											
BEHE	SN	ESg		2204	42.07											
SOP	SN	Sn		2204	24.43											
SOP	SN	ESg		2204	54.23											

June 19 2012 Hour: 01:46:13.0 Lat: 39.14°N Lon: 29.16°E M: 4.5 Depth: 9 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		0148	55.07											
PSZ	SZ	EPn		0148	56.02											
BEHE	SN	Sn		0151	09.99											
PSZ	SN	Sn		0150	54.37											

June 19 2012 Hour: 04:37:35.0 Lat: 20.53°S Lon: 178.55°W M: 5.1 Depth: 625 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPP C 0456 16.50
 LTVH SZ EPP 0456 13.66
 PSZ SZ EPP D 0456 14.01
 SOP SZ EPP D 0456 17.30
 TRPA SZ EPP D 0456 10.91

June 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1044 21.05
 CSKK SN ESg 1044 23.25

June 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN ESg 1055 08.85
 PSZ SZ EPg 1055 01.57

June 19 2012 Hour: 15:56:31.0 Lat: 53.35°N Lon: 171.63°E M: 6.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ IP D 1608 17.13
 TRPA SZ ES 1617 53.17
 SOP SZ IP D 1608 26.58
 SOP SZ ES 1618 09.68
 PSZ SZ IP D 1608 22.38
 PSZ SZ ES 1618 05.55
 LTVH SZ IP D 1608 22.38
 LTVH SZ ES 1617 52.58
 CSKK SZ EP 1608 26.58
 CSKK SZ ES 1618 01.43
 BUD XZ IP D 1608 25.53
 BUD XZ ES 1618 17.34
 BEHE SZ EP 1608 33.08
 BEHE SZ ES 1618 26.19
 PSZ SN ESS 1622 52.97
 SOP SN ESS 1623 08.84
 TRPA SN ESS 1622 40.55

June 19 2012 Hour: 18:24:22.0 Lat: 44.46°N Lon: 17.54°E M: 2.6 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 1825 20.34
 BEHE SN Sn 1825 24.83
 BEHE SZ EPn 1824 57.25
 PSZ SN Sn 1826 08.27

June 19 2012 Hour: 20:14:03.0 Lat: 23.66°N Lon: 70.28°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP 2022 47.45

June 19 2012 Hour: 20:56:41.0 Lat: 53.40°N Lon: 171.71°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ IP D 2108 35.36
 SOP SZ ES 2118 28.22

TRPA SZ IP D 2108 25.99
 TRPA SZ ES 2118 01.12
 PSZ SN EP 2108 25.33
 PSZ SE ESS 2123 10.36
 SOP SN ESS 2123 18.43
 TRPA SN ESS 2123 06.33

June 19 2012 Hour: 20:56:41.0 Lat: 53.40°N Lon: 171.71°E M: 5.6 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ IP 2108 35.87
 LTVH SZ IP D 2108 31.73
 BEHE SZ EP 2108 42.28

June 19 2012 Hour: 21:48:29.0 Lat: 44.96°N Lon: 11.06°E M: 3.5 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 2149 38.70
 SOP SE Sn 2150 37.24

June 20 2012 Hour: 09:59:03.0 Lat: 5.03°S Lon: 103.05°E M: 5.6 Depth: 60 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1012 02.30
 CSKK SZ EP 1011 56.88

June 21 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 1114 09.93
 BEHE SN Sn 1115 05.60

June 21 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1158 12.90
 PSZ SN ESg 1158 15.86

June 21 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1214 50.81
 PSZ SN ESg 1214 53.48

June 21 2012 Hour: 22:34:37.0 Lat: 17.9 °S Lon: 178.16°W M: 5.1 Depth: 548 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPP D 2253 24.38
 BUD XZ EPP D 2253 20.00
 CSKK SZ EPP 2253 20.00
 PSZ SZ EPP D 2253 15.14
 LTVH SZ EPP 2253 15.30

June 23 2012 Hour: 04:34:53.0 Lat: 2.98°S Lon: 97.90°E M: 6.1 Depth: 93 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 0446 53.56
 CSKK SZ EP 0446 56.84
 CSKK SZ ES 0456 33.31
 LTVH SZ IP C 0446 43.71
 LTVH SZ ES 0456 26.95

PSZ SZ IP 0446 50.49
 PSZ SZ ES 0456 34.29
 TRPA SZ IP C 0446 41.52
 TRPA SZ ES 0455 49.78

June 23 2012 Hour: 04:34:53.0 Lat: 2.98°S Lon: 97.90°E M: 6.1 Depth: 93 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SN ES 0457 04.12
 BUD XN ES 0456 49.05
 LTVH SN ES 0456 24.31
 TRPA SN ES 0456 21.61

June 23 2012 Hour: 17:52:30.0 Lat: 38.14°N Lon: 22.03°E M: 4.7 Depth: 55 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN Sn 1756 37.69
 PSZ SZ EPn 1754 52.78

June 23 2012 Hour: 23:25:16.0 Lat: 49.81°N Lon: 18.57°E M: 2.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 2325 51.54
 PSZ SN Sn 2326 19.37

June 24 2012 Hour: 01:29:17.0 Lat: 38.99°N Lon: 142.06°E M: 5.0 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 0141 17.07
 TRPA SZ EP C 0141 09.29

June 24 2012 Hour: 03:15:01.0 Lat: 57.62°N Lon: 163.22°E M: 6.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ IP C 0326 12.50
 PSZ SN IS 0335 29.78

June 24 2012 Hour: 03:15:01.0 Lat: 57.62°N Lon: 163.22°E M: 6.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SN IS 0335 24.91
 TRPA SZ IP C 0326 09.98

June 24 2012 Hour: 03:15:01.0 Lat: 57.62°N Lon: 163.22°E M: 6.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0326 29.42
 BEHE SZ IS 0335 53.01
 BUD XZ EP 0326 20.88
 BUD XZ IS 0335 41.43
 CSKK SZ EP 0326 22.76
 CSKK SZ IS 0335 43.53
 LTVH SZ EP C 0326 17.95
 LTVH SZ IS 0335 39.32

June 24 2012 Hour: 07:59:35.0 Lat: 27.84°N Lon: 100.81°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0810 08.67
 BEHE SZ EP 0810 25.57
 PSZ SE IS 0818 47.14

BEHE SN IS 0818 43.22

June 24 2012 Hour: 20:07:23.0 Lat: 38.72°N Lon: 43.68°E M: 4.9 Depth: 16 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 2011 31.88

PSZ SZ EP 2011 51.26

LTVH SZ EP 2011 35.01

BEHE SZ EP C 2012 09.11

CSKK SZ EP 2012 01.16

PSZ SN ES 2015 29.88

TRPA SN ES 2014 53.57

LTVH SN ES 2015 20.71

CSKK SN ES C 2015 50.52

BEHE SN ES 2016 07.72

June 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 0501 54.81

PSZ SN Sn 0503 18.73

June 25 2012 Hour: 13:05:30.0 Lat: 36.39°N Lon: 29.01°E M: 5.0 Depth: 49 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn C 1308 36.39

PSZ SN Sn 1311 13.66

June 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EPn 2142 02.13

SOP SN Sn 2142 20.63

June 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 2230 51.58

June 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SN Sn 0823 47.89

BEHE SZ EPn 0823 28.74

June 26 2012 Hour: 12:32:36.0 Lat: 21.94°S Lon: 176.69°W M: 5.1 Depth: 181 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EPP D 1252 03.62

SOP SZ EPP D 1252 09.76

PSZ SZ EPP D 1252 06.69

LTVH SZ EPP 1252 06.61

CSKK SZ EPP 1252 08.55

June 26 2012 Hour: 14:17:40.0 Lat: 56.17°N Lon: 160.53°E M: 5.1 Depth: 161 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 1428 42.50

TRPA SZ IP C 1428 37.08

SOP SZ IP C 1428 48.56

June 27 2012 Hour: 02:25:39.0 Lat: 34.13°N Lon: 48.54°E M: 4.5 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 0230 52.96
 PSZ SZ EP 0231 07.13

June 27 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0945 52.75
 CSKK SE ESg 0945 55.11

June 27 2012 Hour: 20:39:14.0 Lat: 15.17°S Lon: 173.29°W M: 5.3 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EPP 2058 54.68
 PSZ SZ EPP 2058 54.81
 TRPA SZ EPP 2058 51.41

June 27 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 2108 29.89

June 27 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EP C 2108 33.61

June 27 2012 Hour: 21:14:01.0 Lat: 15.28°S Lon: 173.34°W M: 5.0 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EPP C 2133 40.36
 TRPA SZ EPP 2133 37.29

June 27 2012 Hour: 21:20:58.0 Lat: 15.05°S Lon: 173.40°W M: 5.3 Depth: 20 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EPP C 2140 35.78
 PSZ SZ EPP 2140 34.52
 TRPA SZ EPP 2140 32.84

June 28 2012 Hour: 01:51:54.0 Lat: 21.78°S Lon: 168.98°E M: 5.0 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPP C 0211 27.30
 TRPA SZ EPP 0211 23.79

June 28 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0537 40.09
 CSKK SE ESg 0537 40.95

June 28 2012 Hour: 05:51:50.0 Lat: 37.30°N Lon: 141.05°E M: 5.2 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP D 0603 56.06
 TRPA SZ EP D 0603 48.82

June 28 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1122 08.23

CSKK SE ESg 1122 08.81

June 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SN ESg 1214 19.18

PSZ SZ EPg 1214 14.77

June 28 2012 Hour: 13:11:29.0 Lat: 39.01°N Lon: 23.15°E M: 4.3 Depth: 26 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 1313 26.93

CSKK SZ EPn 1313 37.84

PSZ SZ EPn 1313 45.37

PSZ SN Sn 1315 42.80

MORH SN Sn 1314 54.99

CSKK SN Sn 1315 22.73

June 29 2012 Hour: 03:52:41.0 Lat: 49.80°N Lon: 18.51°E M: 2.7 Depth: 8 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPn 0353 21.05

PSZ SZ EPn 0353 16.08

PSZ SN Sn 0353 44.34

CSKK SN Sn 0353 52.86

June 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SN Sn 0805 47.18

MORH SN ESg 0805 49.52

MORH SZ EPn 0805 34.09

MORH SZ EPg 0805 35.72

June 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0813 11.72

CSKK SE ESg 0813 12.85

June 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0813 49.04

CSKK SN ESg 0813 50.20

June 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0814 15.45

CSKK SN ESg 0814 16.82

June 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg C 0821 12.07

CSKK SN ESg 0821 13.20

June 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPg 0915 28.90

PSZ SN ESg 0915 34.34

June 29 2012 Hour: 15:31:46.0 Lat: 24.68°S Lon: 9.67°W M: 5.8 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
LTVH	SZ	IP	C	1543	39.95											
LTVH	SZ	ES		1551	26.70											
BEHE	SZ	EP	C	1543	27.16											
BEHE	SZ	ES		1552	19.61											
BUD	XZ	IP	C	1543	35.28											
BUD	XZ	ES		1552	58.12											
CSKK	SZ	EP		1543	33.25											
CSKK	SZ	ES	D	1553	17.14											
LTVH	SN	ES		1553	26.85											
MORH	SN	ES		1553	03.17											
PSZ	SZ	IP	C	1543	39.74											
PSZ	SZ	ES		1553	25.68											
MORH	SZ	IP		1543	28.58											
MORH	SZ	ES		1553	02.00											
SOP	SZ	IP	C	1543	32.84											
SOP	SZ	ES		1553	14.81											
TRPA	SZ	IP	C	1543	44.82											
TRPA	SZ	ES		1553	40.05											

June 29 2012 Hour: 21:07:31.0 Lat: 43.49°N Lon: 84.77°E M: 6.3 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	IP	C	2115	28.85											
TRPA	SZ	ES		2125	00.40											
SOP	SZ	IP	C	2115	59.34											
SOP	SZ	ES		2125	32.52											
PSZ	SZ	IP	C	2115	42.14											
PSZ	SZ	ES		2125	38.19											
LTVH	SZ	IP	C	2115	33.54											
LTVH	SZ	ES		2125	30.63											
CSKK	SZ	EP		2115	52.30											
CSKK	SZ	ES		2125	50.47											
BUD	XZ	IP	C	2115	48.00											
BUD	XZ	ES		2125	45.75											
BEHE	SZ	IP	C	2116	01.29											
BEHE	SZ	ES		2126	13.14											

June 29 2012 Hour: 23:15:50.0 Lat: 44.28°N Lon: 21.00°E M: 3.6 Depth: 1 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EPn		2316	58.82											
CSKK	SN	Sn		2317	29.02											
BUD	XN	Sn		2317	25.57											
LTVH	SE	Sn		2317	13.39											
SOP	SN	Sn		2317	48.88											
PSZ	SN	Sn		2317	28.86											
TRPA	SN	Sn		2317	35.89											
BEHE	SN	Sn		2317	32.04											
BEHE	SZ	EPn		2316	46.71											
BUD	XZ	EPn		2316	43.53											
CSKK	SZ	EPn		2316	45.39											

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

PSZ SZ EPn C 2316 46.05
LTVH SZ EPn 2316 53.69
TRPA SZ EPn 2316 50.94

June 30 2012 Hour: 16:24:37.0 Lat: 22.12°S Lon: 171.01°E M: 5.5 Depth: 92 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPP 1644 08.11
PSZ SZ EPP C 1644 05.03

July 01 2012 Hour: 02:49:48.0 Lat: 31.69°N Lon: 51.50°E M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EP 0255 53.16
TRPA SZ EP 0255 30.64
PSZ SZ EP 0255 42.14
PSZ SZ IS 0300 50.26
TRPA SN IS 0300 05.87

July 01 2012 Hour: 04:19:55.4 Lat: 38.78°N Lon: 43.54°E M: 3.0 Depth: 8 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
LTVH SZ EP 0424 07.29
BEHE SZ EP 0424 33.99
BUD XZ EP 0424 26.83
CSKK SZ EP 0424 31.97
PSZ SZ EP 0424 19.44
SOP SZ EP 0424 33.00
TRPA SZ EP 0424 02.15

July 01 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 1252 49.51
MORH SZ EPg 1252 50.28
MORH SN Sn 1253 00.39
MORH SN ESg 1253 02.44

July 01 2012 Hour: 22:01:27.0 Lat: 34.56°N Lon: 60.01°E M: 5.1 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 2208 13.65
BUD XZ EP 2208 03.78
LTVH SZ EP C 2207 46.19
PSZ SZ EP C 2207 57.32
SOP SZ EP C 2208 16.34
TRPA SZ EP 2207 42.78
MORH SZ EP 2208 02.34
CSKK SZ EP 2208 09.09

July 01 2012 Hour: 23:39:09.0 Lat: 28.54°S Lon: 70.93°W M: 5.3 Depth: 41 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 2345 01.81
BUD XZ EP D 2344 58.56
CSKK SZ EP 2345 00.73

July 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 2156 49.07
 MORH SE Sn 2157 11.58

July 03 2012 Hour: 02:31:01.0 Lat: 35.01°N Lon: 140.01°E M: 5.1 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0243 24.23
 BUD XZ EP 0243 21.79
 CSKK SZ EP 0243 16.73
 LTVH SZ EP 0243 21.61
 MORH SZ EP D 0243 19.87
 PSZ SZ EP D 0243 11.16
 TRPA SZ EP C 0243 03.66
 SOP SZ EP C 0243 20.22

July 03 2012 Hour: 05:03:42.0 Lat: 33.99°N Lon: 14.56°E M: 4.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0506 46.77
 MORH SN Sn 0509 04.34

July 03 2012 Hour: 10:36:15.0 Lat: 40.04°S Lon: 173.78°E M: 6.2 Depth: 220 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1056 37.83
 BUD XZ EP 1056 31.88
 CSKK SZ EP 1056 31.88

July 03 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg D 2323 15.02
 CSKK SN ESg 2323 15.62

July 04 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 0939 15.07
 PSZ SN ESg 0939 18.26
 PSZ SE ESg 0939 18.31

July 04 2012 Hour: 11:12:12.0 Lat: 37.96°N Lon: 16.87°E M: 4.8 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 1114 16.02
 CSKK SZ EPn 1114 31.20
 MORH SZ EPn 1114 11.88
 PSZ SZ EPn 1114 36.49
 BEHE SN Sn 1115 47.82
 CSKK SN Sn 1116 10.14
 MORH SN Sn 1115 44.60
 PSZ SN Sn 1116 26.47

July 04 2012 Hour: 21:29:25.0 Lat: 18.13°N Lon: 62.95°W M: 5.1 Depth: 87 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP D 2140 39.86
 TRPA SZ EP D 2140 50.11
 MORH SZ EP D 2140 35.93
 LTVH SZ EP 2140 49.40

CSKK SZ EP 2140 33.35
 BUD XZ EP 2140 36.25
 BEHE SZ EP D 2140 28.38

July 04 2012 Hour: 23:46:35.0 Lat: 34.90°N Lon: 26.73°E M: 4.7 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2349 46.27
 BUD XZ EP 2349 51.36
 CSKK SZ EP 2349 47.48
 LTVH SZ EP 2349 37.30
 MORH SZ EP 2349 35.85
 PSZ SZ EP 2349 47.72
 TRPA SZ EP 2349 43.12

July 05 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0214 29.86
 MORH SN Sn 0215 37.86
 PSZ SN Sn 0216 17.79
 PSZ SZ EPn 0214 51.57

July 05 2012 Hour: 07:59:45.0 Lat: 44.27°N Lon: 20.99°E M: 2.7 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0800 25.89
 MORH SN Sn 0800 30.98

July 05 2012 Hour: 09:46:20.0 Lat: 32.27°N Lon: 141.67°E M: 5.0 Depth: 18 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 0958 59.99
 PSZ SZ EP C 0958 52.24
 TRPA SZ EP C 0958 44.90

July 06 2012 Hour: 00:40:36.0 Lat: 14.51°S Lon: 177.79°W M: 4.8 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0100 13.18
 CSKK SZ EP 0100 14.06

July 06 2012 Hour: 02:28:23.0 Lat: 14.65°S Lon: 167.27°E M: 6.3 Depth: 157 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ IP 0247 28.98
 MORH SZ IP 0247 29.31
 PSZ SZ IP 0247 25.72
 TRPA SZ IP 0247 23.55
 LTVH SZ IP 0247 26.48
 BUD XZ IP C 0247 28.00
 BEHE SZ IP 0247 31.37

July 06 2012 Hour: 02:52:25.0 Lat: 17.65°S Lon: 178.50°W M: 4.8 Depth: 594 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ IP D 0310 56.78
 PSZ SZ EP D 0311 00.13
 MORH SZ IP D 0311 04.99
 LTVH SZ EP 0311 00.54

CSKK SZ EP 0311 02.59
 BUD XZ EP 0311 01.57
 BEHE SZ EP 0311 06.77

July 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 1140 54.33
 PSZ SZ EPg 1141 01.06
 PSZ SN Sn 1141 32.45
 CSKK SZ EPn 1141 12.06

July 06 2012 Hour: 22:48:00.0 Lat: 45.68°N Lon: 26.67°E M: 4.5 Depth: 113 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EPn 2248 55.97
 CSKK SZ EPn 2249 26.91
 LTVH SN Sn 2249 51.51
 TRPA SN Sn 2249 36.34
 PSZ SN Sn 2250 07.60
 MORH SN Sn 2250 20.71
 CSKK SN Sn 2250 44.16
 LTVH SZ EPn D 2248 56.33
 MORH SZ EPn C 2249 22.13
 PSZ SZ EPn 2249 13.88

July 07 2012 Hour: 00:56:38.0 Lat: 45.48°N Lon: 151.44°E M: 5.4 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ IP C 0108 15.76
 PSZ SZ IP C 0108 22.60
 MORH SZ IP C 0108 31.72
 LTVH SZ IP C 0108 21.92
 CSKK SZ IP 0108 27.61
 BEHE SZ IP C 0108 34.91

July 07 2012 Hour: 00:56:38.0 Lat: 45.48°N Lon: 151.44°E M: 5.4 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ IP C 0108 25.93
 BUD XZ EP C 0108 25.54

July 07 2012 Hour: 01:20:37.0 Lat: 46.50°N Lon: 149.46°E M: 4.9 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ IP 0132 13.87
 PSZ SZ IP 0132 20.22
 MORH SZ IP 0132 28.26
 LTVH SZ IP 0132 31.19
 CSKK SZ IP 0132 27.04
 BUD XZ IP 0132 23.87
 BEHE SZ IP C 0132 47.78

July 07 2012 Hour: 03:35:28.0 Lat: 4.66°S Lon: 153.32°E M: 5.7 Depth: 32 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPP C 0354 23.43
 BUD XZ EPP 0354 19.16
 CSKK SZ EPP D 0354 20.55

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

MORH SZ EPP C 0354 21.11
LTVH SZ EPP 0354 18.24
PSZ SZ EPP C 0354 18.33
TRPA SZ EPP C 0354 14.71

July 07 2012 Hour: 12:59:10.0 Lat: 41.28°N Lon: 20.91°E M: 4.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPn 1300 45.40
BEHE SZ EPn 1300 40.09
BUD XZ EPn 1300 42.97
MORH SN Sn 1301 24.35
PSZ SN Sn 1302 04.63
CSKK SN Sn 1301 57.11
BUD XN Sn 1301 57.11
BEHE SN Sn 1301 51.13
LTVH SN Sn 1301 56.67
LTVH SZ EPn 1300 43.63
MORH SZ EPn C 1300 26.96
PSZ SZ EPn C 1300 48.23

July 07 2012 Hour: 20:32:37.0 Lat: 18.23°N Lon: 71.15°W M: 5.2 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ IP C 2044 21.02
BUD XZ EP 2044 28.30
CSKK SZ EP 2044 25.48
LTVH SZ EP 2044 29.94
MORH SZ EP C 2044 28.43
TRPA SZ EP C 2044 40.59
PSZ SZ EP C 2044 31.66

July 08 2012 Hour: 11:30:01.0 Lat: 45.49°N Lon: 151.31°E M: 6.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ IP C 1145 11.14
BUD XZ IP C 1145 03.11
CSKK SZ EP 1145 04.08
LTVH SZ IP C 1144 57.76
MORH SZ IP C 1145 08.95
PSZ SZ IP C 1144 57.76
TRPA SZ IP C 1144 52.41
BEHE SN ES 1155 16.90
BUD XN ES 1154 52.66
LTVH SN ES 1154 47.82
MORH SN ES 1155 06.40
PSZ SN ES 1154 50.24
TRPA SE ES 1154 34.89

July 08 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 1846 44.53
PSZ SN Sn 1846 52.32
MORH SN Sn 1847 18.19
MORH SZ EPn 1846 59.63

July 09 2012 Hour: 07:20:52.0 Lat: 49.28°N Lon: 147.18°E M: 5.3 Depth: 529 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 0731 41.74
 BUD XZ EP D 0731 33.04
 CSKK SZ EP 0731 35.57
 PSZ SZ EP D 0731 29.23
 LTVH SZ EP D 0731 28.50

July 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SE ESg 0813 22.28
 CSKK SZ EPg 0813 20.58

July 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SN ESg 0813 32.05
 CSKK SZ EPg D 0813 30.78

July 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1118 57.56
 CSKK SE ESg 1118 58.92

July 09 2012 Hour: 13:54:59.0 Lat: 35.52 °N Lon: 28.88°E M: 5.7 Depth: 50 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EPn D 1358 16.09
 MORH SZ EPn D 1358 05.03
 BEHE SN Sn 1401 00.50
 BUD XN Sn 1400 57.37
 CSKK SN Sn 1401 10.34
 LTVH SN Sn 1400 46.64
 MORH SN Sn 1400 35.01
 PSZ SN Sn 1401 00.95
 LTVH SZ EPn 1358 04.16
 PSZ SZ EPn D 1358 16.65
 BEHE SZ EPn 1358 18.74
 CSKK SZ EPn 1358 24.60

July 09 2012 Hour: 19:25:08.0 Lat: 29.51°N Lon: 130.18°E M: 5.5 Depth: 42 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1937 28.84
 BUD XZ EP C 1937 21.04
 CSKK SZ EP 1937 24.22
 LTVH SZ EP 1937 12.98
 PSZ SZ EP C 1937 16.15
 MORH SZ EP C 1937 25.93
 TRPA SZ EP C 1937 08.22
 TRPA SN ES 1947 08.08
 PSZ SN ES 1947 29.73
 MORH SN ES 1947 48.33
 LTVH SN ES 1947 44.95
 CSKK SN ES 1947 44.61
 BUD XN ES 1947 38.18

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BEHE SN ES 1947 55.43

July 09 2012 Hour: 20:13:06.0 Lat: 25.50°N Lon: 96.47°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 2023 48.52

MORH SZ EP C 2023 36.80

CSKK SZ EP 2023 42.09

July 10 2012 Hour: 01:22:29.0 Lat: 44.08°N Lon: 16.76°E M: 2.8 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPn 0123 24.63

CSKK SN Sn 0124 06.62

MORH SZ EPn 0123 10.47

MORH SZ EPg 0123 17.14

MORH SN Sn 0123 43.46

MORH SN ESg 0123 51.98

PSZ SZ EPn 0123 36.59

PSZ SN Sn 0124 27.15

July 10 2012 Hour: 03:48:59.0 Lat: 36.77°N Lon: 138.15°E M: 4.8 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP D 0401 02.73

TRPA SZ EP D 0400 54.84

TRPA SN ES 0409 29.45

PSZ SE ES 0410 42.57

July 10 2012 Hour: 18:09:43.0 Lat: 23.50°S Lon: 179.83°W M: 5.1 Depth: 543 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP D 1828 31.40

PSZ SZ EP 1828 34.71

LTVH SZ EP D 1828 34.83

CSKK SZ EP 1828 36.89

BUD XZ EP 1828 36.83

MORH SZ EP D 1828 30.41

July 11 2012 Hour: 02:31:16.0 Lat: 45.37°N Lon: 151.52°E M: 5.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP C 0243 18.95

CSKK SZ EP 0243 20.64

TRPA SZ EP C 0243 07.78

TRPA SZ IS 0252 53.86

PSZ SZ EP C 0243 14.89

PSZ SZ ES 0253 09.87

MORH SZ EP C 0243 24.03

MORH SZ ES 0253 36.78

LTVH SZ EP C 0243 14.55

LTVH SZ ES 0253 19.49

BEHE SZ EP C 0243 27.08

BEHE SZ ES 0253 32.94

LTVH SN ES 0253 07.40

CSKK SN ES 0253 13.60

BUD XN ES 0253 11.53

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July 11 2012 Hour: 02:49:59.0 Lat: 45.25°N Lon: 151.69°E M: 5.3 Depth: 30 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EP		C	0301	59.40										
CSKK	SZ	EP			0302	01.41										
PSZ	SZ	EP		C	0301	56.03										
PSZ	SZ	ES			0310	18.81										
MORH	SZ	EP			0302	04.69										
MORH	SZ	ES			0310	05.92										

July 11 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn			0808	27.75										
MORH	SN	Sn			0808	44.48										

July 11 2012 Hour: 11:12:41.0 Lat: 25.99°S Lon: 177.14°W M: 5.6 Depth: 100 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPP			1132	52.71										
BUD	XZ	EPP			1132	46.60										
CSKK	SZ	EPP			1132	42.55										
LTVH	SZ	EPP			1132	42.12										
MORH	SZ	EPP		C	1132	51.95										
PSZ	SZ	EPP			1132	43.21										
TRPA	SZ	EPP		C	1132	38.29										

July 12 2012 Hour: 02:20:23.0 Lat: 45.70°N Lon: 26.55°E M: 4.3 Depth: 114 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
LTVH	SZ	EPn		D	0221	18.50										
PSZ	SZ	EPn			0221	36.36										
LTVH	SN	Sn			0222	17.12										
MORH	SN	Sn			0222	44.00										
PSZ	SN	Sn			0222	41.39										
MORH	SZ	EPn		D	0221	44.07										

July 12 2012 Hour: 04:04:12.0 Lat: 0.51°S Lon: 19.82°W M: 5.0 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		C	0413	57.02										
BUD	XZ	EP			0414	08.76										
CSKK	SZ	EP			0414	10.02										
LTVH	SZ	EP			0414	05.82										
MORH	SZ	EP		C	0414	01.53										
PSZ	SZ	EP		C	0414	13.89										
TRPA	SZ	EP			0414	22.49										

July 12 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SN	ESg			0917	02.59										
PSZ	SZ	EPg			0916	53.52										

July 12 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg			1006	06.19										
PSZ	SN	ESg			1006	09.11										

July 12 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1102 43.82
 CSKK SE ESg 1102 46.88

July 12 2012 Hour: 12:52:02.0 Lat: 45.47°N Lon: 151.74°E M: 5.7 Depth: 38 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1304 08.86
 BUD XZ EP 1305 00.77
 CSKK SZ EP 1304 02.83
 LTVH SZ EP C 1303 56.34
 MORH SZ EP C 1304 06.54
 PSZ SZ EP C 1303 56.81
 TRPA SZ EP C 1303 50.78
 TRPA SE ES 1313 40.35
 PSZ SN ES 1313 52.79
 MORH SN ES 1313 59.00
 CSKK SN ES 1314 03.15

July 12 2012 Hour: 14:00:34.0 Lat: 36.59°N Lon: 70.92°E M: 5.7 Depth: 190 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1407 58.90
 BUD XZ EP C 1407 45.67
 CSKK SZ EP 1407 49.62
 MORH SZ EP C 1407 48.10
 LTVH SZ EP C 1407 31.37
 PSZ SZ EP C 1407 40.80
 TRPA SZ EP C 1407 26.05
 LTVH SN ES 1413 10.06
 BEHE SN ES 1413 54.70
 TRPA SE ES 1413 08.38
 TRPA SE ESS 1415 53.44
 PSZ SN ES 1413 28.59
 PSZ SN ESS 1416 22.07
 MORH SN ES 1413 38.69
 MORH SN ESS 1416 44.81
 BUD XN ES 1413 29.43
 BUD XN ESS 1416 44.81
 BEHE SE ESS 1417 21.02

July 12 2012 Hour: 21:18:32.0 Lat: 27.06°N Lon: 55.11°E M: 4.6 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 2125 03.74
 BEHE SZ EP C 2124 37.58

July 12 2012 Hour: 23:33:58.0 Lat: 26.83°N Lon: 59.54°E M: 4.7 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2341 16.25

July 13 2012 Hour: 04:50:45.0 Lat: 18.27°S Lon: 178.55°W M: 5.1 Depth: 652 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPP D 0509 21.97
 BUD XZ EPP D 0509 17.84

CSKK SZ EPP 0509 18.40
 LTVH SZ EPP D 0509 16.65
 PSZ SZ EPP D 0509 16.18
 TRPA SZ EPP D 0509 12.92

July 13 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn C 0759 12.15
 CSKK SN ESg 0759 13.87

July 13 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0759 24.55
 CSKK SN ESg 0759 25.66

July 13 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 0817 26.27
 PSZ SN ESg 0817 33.64

July 13 2012 Hour: 22:37:23.0 Lat: 44.15°N Lon: 151.22°E M: 4.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP D 2249 29.36
 PSZ SZ EP C 2249 23.29
 TRPA SZ EP C 2249 17.10
 LTVH SZ EP C 2249 22.95
 PSZ SN ES 2259 25.55

July 14 2012 Hour: 00:55:03.0 Lat: 34.57°N Lon: 47.48°E M: 4.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 0100 30.22

July 14 2012 Hour: 03:43:58.0 Lat: 45.85°N Lon: 151.53°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0356 07.74
 BUD XZ EP 0355 58.99
 CSKK SZ EP 0356 01.28
 LTVH SZ EP C 0355 55.24
 PSZ SZ EP C 0355 55.97
 TRPA SZ EP C 0355 48.89

July 14 2012 Hour: 04:31:00.0 Lat: 45.69°N Lon: 151.54°E M: 5.4 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0443 08.76
 BUD XZ EP C 0443 00.14
 CSKK SZ EP 0443 02.21
 LTVH SZ EP C 0442 55.57
 PSZ SZ EP C 0442 56.61
 TRPA SZ EP C 0442 49.80

July 14 2012 Hour: 06:51:39.0 Lat: 45.44°N Lon: 151.46°E M: 5.0 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ IP C 0703 27.41

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PSZ SZ IP 0703 33.93
CSKK SZ EP 0703 39.16
LTVH SZ EP 0703 37.50
BUD XZ EP C 0703 36.86

July 14 2012 Hour: 08:05:27.0 Lat: 16.27°S Lon: 177.69°W M: 4.8 Depth: 400 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ IPP D 0824 14.32
PSZ SZ IPP D 0824 18.10
LTVH SZ IPP 0824 18.64
CSKK SZ IPP D 0824 21.03
BUD XZ IPP D 0824 19.95
BEHE SZ IPP D 0824 24.04

July 14 2012 Hour: 12:52:07.0 Lat: 42.61°N Lon: 23.08°E M: 4.5 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPn 1253 33.59
PSZ SZ EPn 1253 32.55
BUD XN Sn 1254 34.02
LTVH SZ EPn 1253 21.78
PSZ SN Sn 1254 37.81
CSKK SN Sn 1254 39.26
TRPA SN Sn 1254 33.93
TRPA SN ESg 1255 05.89
LTVH SN Sn 1254 16.98
LTVH SN ESg 1254 44.59
BEHE SN Sn 1254 42.16
BEHE SN ESg 1255 22.36
TRPA SZ EPn 1253 29.04
TRPA SZ EPg 1253 51.64
BUD XZ EPn 1253 30.45
BEHE SZ EPn 1253 35.08

July 14 2012 Hour: 17:36:24.0 Lat: 45.47°N Lon: 151.91°E M: 5.2 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 1748 16.08
PSZ SZ EP C 1748 22.50
LTVH SZ EP 1748 22.50
CSKK SZ EP 1748 28.05
BUD XZ EP 1748 26.45
BEHE SZ EP 1748 27.56

July 14 2012 Hour: 18:48:35.0 Lat: 45.82°N Lon: 151.54°E M: 5.1 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP 1900 23.76
PSZ SZ EP C 1900 30.33
CSKK SZ EP 1900 36.20

July 15 2012 Hour: 14:34:46.0 Lat: 43.29°N Lon: 146.42°E M: 5.3 Depth: 65 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ IP C 1446 29.67
PSZ SZ IP C 1446 37.10
MORH SZ IP C 1446 45.91

LTVH SZ EP 1446 41.23
 CSKK SZ EP 1446 42.75
 BUD XZ EP C 1446 40.27

July 15 2012 Hour: 19:31:30.0 Lat: 36.19°N Lon: 139.70°E M: 5.0 Depth: 49 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 1943 37.33

July 16 2012 Hour: 03:08:33.0 Lat: 55.69°N Lon: 161.30°E M: 5.4 Depth: 108 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0319 57.15
 BUD XZ EP C 0319 48.08
 CSKK SZ EP 0319 50.63
 LTVH SZ EP C 0319 44.96
 MORH SZ EP C 0319 55.16
 PSZ SZ EP C 0319 44.67
 PSZ SE ES 0329 00.13
 MORH SE ES 0329 45.77

July 17 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg C 0932 50.27
 PSZ SN ESg 0932 53.47

July 17 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1120 41.26
 CSKK SN ESg 1120 43.43

July 17 2012 Hour: 15:12:38.3 Lat: 48.07°N Lon: 20.25°E M: 0.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN Sn 1512 48.82
 PSZ SN ESg 1512 48.44
 PSZ SZ EPg 1512 43.76

July 18 2012 Hour: 04:33:59.0 Lat: 4.48°S Lon: 102.66°E M: 5.4 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0446 54.39
 MORH SZ EP 0446 47.63
 PSZ SZ EP C 0446 44.60

July 18 2012 Hour: 08:09:46.0 Lat: 20.58°S Lon: 178.49°W M: 5.9 Depth: 542 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPP D 0828 38.89
 BUD XZ EPP D 0828 35.36
 CSKK SZ EPP 0828 35.95
 LTVH SZ EPP D 0828 34.63
 MORH SZ EPP D 0828 38.31
 PSZ SZ EPP D 0828 34.19
 TRPA SZ EPP D 0828 30.66

July 18 2012 Hour: 19:37:21.0 Lat: 34.22°N Lon: 25.23°E M: 4.8 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

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MORH SZ EPn 1940 18.16
PSZ SZ EPn 1940 41.96
SOP SZ EPn 1940 53.64
CSKK SZ EPn 1940 42.05

July 19 2012 Hour: 07:36:36.0 Lat: 37.32°N Lon: 71.45°E M: 5.5 Depth: 100 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ IP C 0744 08.47
BEHE SZ EP 0744 38.43
BUD XZ IP C 0743 55.04
BUD XZ EP 0744 27.65
LTVH SZ IP 0743 40.31
LTVH SZ EP 0744 11.96
MORH SZ IP C 0743 56.68
MORH SZ EP 0744 31.08
PSZ SZ IP C 0743 50.13
PSZ SZ EP 0744 23.72
SOP SZ IP C 0744 08.80
SOP SZ EP 0744 33.04
TRPA SZ IP C 0743 35.72
TRPA SZ EP 0743 58.24
PSZ SN ES 0749 41.02
BUD XN ES 0749 51.80
SOP SN ES 0750 04.41

July 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPg 0909 34.61
MORH SN ESg 0909 38.30

July 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPg 0942 42.74
PSZ SN ESg 0942 47.37

July 20 2012 Hour: 01:19:56.0 Lat: 49.35°N Lon: 156.05°E M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 0131 37.77
SOP SZ EP C 0131 51.63
PSZ SZ EP C 0131 44.08
MORH SZ EP 0131 53.44
CSKK SZ EP D 0131 50.03
BUD XZ EP 0131 48.22

July 20 2012 Hour: 03:40:12.0 Lat: 49.43°N Lon: 155.80°E M: 5.3 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP C 0352 03.42
BEHE SZ EP 0352 12.71
CSKK SZ EP 0352 01.17
MORH SZ EP C 0352 09.34
LTVH SZ EP 0352 00.21
PSZ SZ EP C 0352 00.21
TRPA SZ EP C 0351 53.82

SOP SZ EP C 0352 07.94
 PSZ SN ES 0401 56.95

July 20 2012 Hour: 06:10:25.0 Lat: 49.42°N Lon: 155.92°E M: 6.0 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP C 0622 23.70

BUD XZ EP C 0622 15.04

CSKK SZ EP 0622 17.09

MORH SZ EP C 0622 21.30

PSZ SZ EP C 0622 11.43

LTVH SZ EP C 0622 12.28

SOP SZ EP C 0622 19.01

TRPA SZ EP C 0622 05.18

TRPA SN ES 0631 42.50

SOP SN ES 0632 15.38

SOP SN ESS 0637 14.04

PSZ SN ES 0632 00.76

PSZ SN ESS 0636 46.64

MORH SN ES 0632 17.20

MORH SN ESS 0637 21.35

July 20 2012 Hour: 06:32:59.0 Lat: 49.34°N Lon: 156.20°E M: 5.9 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ IP C 0644 56.33

BUD XZ IP C 0644 47.91

CSKK SZ IP 0644 49.29

LTVH SZ IP C 0644 43.77

MORH SZ IP C 0644 53.71

PSZ SZ IP C 0644 44.18

SOP SZ IP C 0644 51.50

TRPA SZ IP C 0644 37.83

July 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg C 0705 47.73

CSKK SE ESg 0705 48.72

July 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPg 0706 03.35

CSKK SN ESg 0706 04.64

July 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 0919 50.38

July 20 2012 Hour: 14:03:12.0 Lat: 21.19°S Lon: 179.17°W M: 5.6 Depth: 612 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EPP D 1421 55.96

TRPA SZ EPP D 1421 49.40

PSZ SZ EPP D 1421 52.60

MORH SZ EPP D 1421 56.76

LTVH SZ EPP 1421 52.92

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

CSKK SZ EPP 1421 54.68
BUD XZ EPP 1421 53.78
BEHE SZ EPP 1421 58.04

July 20 2012 Hour: 18:54:10.0 Lat: 56.68°N Lon: 153.64°W M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1906 04.97
CSKK SZ EP D 1905 59.43

July 20 2012 Hour: 20:51:35.0 Lat: 44.32°N Lon: 15.38°E M: 3.0 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 2052 23.54
MORH SZ EPg 2052 30.43
PSZ SN Sn 2053 41.89
MORH SN Sn 2053 00.48
MORH SN ESg 2053 13.68
PSZ SZ EPn 2052 47.84

July 21 2012 Hour: 06:12:02.0 Lat: 19.23°S Lon: 173.82°E M: 5.9 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EPP 0631 31.69
SOP SZ EPP 0631 38.87
PSZ SZ EPP 0631 34.26
MORH SZ EPP 0631 40.09
CSKK SZ EPP 0631 37.25
BUD XZ EPP 0631 40.09
BEHE SZ EPP 0631 45.52

July 21 2012 Hour: 20:47:46.0 Lat: 15.29°S Lon: 173.30°W M: 4.9 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPP C 2107 25.84
MORH SZ EPP C 2107 31.21

July 21 2012 Hour: 23:31:37.0 Lat: 21.20°S Lon: 178.95°W M: 4.7 Depth: 607 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPP D 2350 22.68
SOP SZ EPP D 2350 22.04
CSKK SZ EPP 2350 21.24

July 22 2012 Hour: 02:11:10.0 Lat: 25.06°N Lon: 96.40°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0221 44.35
PSZ SZ EP 0221 39.84
SOP SZ EP 0221 52.69

July 22 2012 Hour: 04:41:57.0 Lat: 42.56°N Lon: 142.83°E M: 5.1 Depth: 58 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP C 0453 43.48
SOP SZ EP C 0453 52.47
TRPA SZ EP C 0453 36.04

July 22 2012 Hour: 09:26:04.0 Lat: 37.55°N Lon: 36.38°E M: 4.6 Depth: 7 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SN Sn 0932 59.58
 BUD XZ EPn 0929 52.77
 CSKK SZ EP 0930 00.27
 CSKK SZ EPn 0929 59.47
 PSZ SZ EPn C 0929 50.07
 SOP SZ EPn 0930 11.59
 TRPA SZ EPn D 0929 30.89

July 22 2012 Hour: 10:16:28.0 Lat: 32.55°N Lon: 49.90°E M: 4.6 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 1022 19.34

July 22 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPg 1117 02.93
 BEHE SN ESg 1117 12.80

July 22 2012 Hour: 11:20:03.0 Lat: 12.94°N Lon: 50.26°E M: 4.8 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 1128 00.48
 SOP SZ EP 1128 05.76

July 22 2012 Hour: 17:05:41.0 Lat: 21.83°S Lon: 174.41°W M: 4.8 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EPP 1715 54.60
 SOP SZ EPP C 1716 00.62
 PSZ SZ EPP 1715 53.41
 CSKK SZ EPP 1715 57.93

July 23 2012 Hour: 06:54:37.0 Lat: 52.25°N Lon: 173.36°E M: 5.1 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 0706 35.09
 BEHE SZ EP 0706 40.11
 CSKK SZ EP 0706 36.50
 PSZ SZ EP C 0706 31.84
 MORH SZ EP 0706 37.86
 SOP SZ EP C 0706 36.03
 TRPA SZ EP C 0706 27.58
 TRPA SN ES 0716 57.43
 PSZ SE ES 0716 29.31

July 24 2012 Hour: 06:50:06.0 Lat: 31.75°N Lon: 50.69°E M: 5.2 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 0655 50.09
 SOP SZ EP 0656 19.07
 LTVH SZ EP C 0655 54.02
 CSKK SZ EP 0656 11.72
 TRPA SE ES 0700 36.16

July 24 2012 Hour: 22:53:41.0 Lat: 38.76°N Lon: 43.47°E M: 4.4 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EP 2258 17.79
 MORH SZ EP 2258 13.25

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

July 25 2012 Hour: 00:27:42.0 Lat: 2.72°N Lon: 96.13°E M: 6.4 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	IP		C	0039	37.09										
TRPA	SZ	ES			0049	50.98										
SOP	SZ	IP			0039	57.88										
SOP	SZ	ES			0050	02.67										
PSZ	SZ	IP			0039	45.03										
PSZ	SZ	ES			0049	43.97										
MORH	SZ	IP		C	0039	48.81										
MORH	SZ	ES			0049	36.95										
CSKK	SZ	IP			0039	52.21										
CSKK	SZ	ES			0049	58.00										
BUD	XZ	IP		C	0039	48.05										
BUD	XZ	ES			0049	58.00										
BEHE	SZ	IP		C	0039	56.75										
BEHE	SZ	ES			0050	19.04										
TRPA	SN	ES			0049	18.24										
SOP	SN	ES			0050	00.34										
PSZ	SN	ES			0049	39.29										
MORH	SE	ES			0049	46.31										
BUD	XN	ES			0049	48.64										
BEHE	SN	ES			0049	55.66										

July 25 2012 Hour: 11:20:28.0 Lat: 9.71°S Lon: 159.82°E M: 6.3 Depth: 20 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EPP			1139	40.76										
SOP	SZ	ESS			1141	57.77										
BEHE	SZ	EPP			1139	42.15										
BUD	XZ	EPP			1139	40.11										
CSKK	SZ	EPP			1139	37.25										
MORH	SZ	EPP			1139	38.54										
PSZ	SZ	EPP			1139	37.25										
TRPA	SZ	EPP			1139	34.39										
TRPA	SE	ESS			1151	21.50										
SOP	SE	ESS			1152	02.83										
PSZ	SN	ESS			1151	54.57										
MORH	SN	ESS			1151	58.70										

July 25 2012 Hour: 21:28:18.0 Lat: 40.43°N Lon: 26.19°E M: 4.2 Depth: 14 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn			2130	32.77										
CSKK	SZ	EPn			2130	30.89										
MORH	SN	Sn			2131	48.39										
BEHE	SN	Sn			2132	01.00										
MORH	SZ	EPn		D	2130	24.39										

July 26 2012 Hour: 01:06:32.0 Lat: 38.37°N Lon: 74.04°E M: 5.3 Depth: 133 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	IP		D	0113	38.29										
MORH	SZ	IP		D	0114	02.19										
SOP	SZ	IP		D	0114	11.55										
CSKK	SZ	IP		C	0114	03.27										

BUD XZ IP 0113 58.58
 BEHE SZ IP D 0114 12.27
 TRPA SE ES 0120 15.05
 SOP SN ES 0120 20.88
 MORH SN ES 0120 02.66

July 26 2012 Hour: 05:33:33.0 Lat: 17.76°S Lon: 66.44°E M: 6.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0545 36.58
 BUD XZ EP 0545 33.53
 CSKK SZ EP 0545 30.48
 MORH SZ EP 0545 30.92
 PSZ SZ EP 0545 33.97
 TRPA SZ EP 0545 28.30
 TRPA SN ES 0555 09.61
 PSZ SN ES 0555 19.47
 MORH SN ES 0555 15.41
 BUD XN ES 0555 16.57
 BEHE SN ES 0555 16.57
 CSKK SN ES 0555 14.25

July 26 2012 Hour: 10:20:06.0 Lat: 20.95°S Lon: 174.44°W M: 5.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPP 1039 54.02
 PSZ SZ EPP 1039 57.33

July 26 2012 Hour: 10:48:23.0 Lat: 21.13°S Lon: 169.53°E M: 5.6 Depth: 37 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPP C 1107 59.61
 BUD XZ EPP C 1107 53.53
 CSKK SZ EPP 1107 54.80
 MORH SZ EPP C 1107 55.94
 PSZ SZ EPP C 1107 50.42

July 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2221 26.68
 MORH SN ESg 2221 35.89
 MORH SN Sn 2221 31.98
 MORH SE Sn 2221 32.00

July 27 2012 Hour: 03:37:56.0 Lat: 21.71°N Lon: 142.97°E M: 5.4 Depth: 300 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 0350 47.63
 PSZ SZ EP C 0350 40.21

July 27 2012 Hour: 23:12:22.0 Lat: 44.19°N Lon: 17.92°E M: 4.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 2313 13.95
 SOP SZ EPn D 2313 19.50
 PSZ SZ EPn 2313 23.63
 MORH SZ EPn D 2312 57.86
 BUD XZ EPn 2313 15.84

BEHE SZ EPn D 2313 03.37
 BUD XN Sn 2313 57.82
 MORH SN Sn 2313 24.97
 CSKK SN Sn 2313 50.77
 SOP SN Sn 2314 02.49
 SOP SN ESg 2314 23.06
 PSZ SN Sn 2314 09.43
 PSZ SN ESg 2314 33.19
 BEHE SN Sn 2313 35.24
 BEHE SN ESg 2313 41.76

July 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2321 22.44
 MORH SN Sn 2321 54.75

July 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPg 2343 23.28
 MORH SZ Sn D 2343 18.05
 MORH SZ EPn D 2343 18.20
 MORH SN Sn 2343 44.74
 MORH SN ESg 2343 50.14

July 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2334 33.54
 MORH SZ EPg 2334 38.17
 MORH SE ESg 2335 04.42

July 27 2012 Hour: 23:42:43.0 Lat: 44.19°N Lon: 17.92°E M: 4.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2343 23.41
 CSKK SZ EPn 2343 32.56
 MORH SZ EPn 2343 17.79
 PSZ SZ EPn 2343 44.42
 SOP SZ EPn 2343 40.06
 SOP SN Sn 2344 21.25
 MORH SN Sn 2343 45.88
 BUD XN Sn 2344 15.63
 BUD XZ EPn 2343 36.40
 PSZ SN ESg 2344 52.36
 PSZ SN Sn 2344 28.74
 PKSG SN Sn 2344 10.22
 PKSG SN ESg 2344 28.66
 CSKK SN Sn 2344 15.84
 CSKK SN ESg 2344 26.38
 BEHE SN Sn 2343 54.00
 BEHE SN ESg 2344 02.32

July 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SE ESg 2351 08.14

MORH SZ EPn 2350 37.02
 MORH SZ EPg 2350 41.37

July 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPg 2350 37.10
 MORH SN ESg 2350 42.09

July 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPg 2358 14.52
 MORH SZ EPn D 2358 09.60
 MORH SN Sn 2358 36.14

July 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPg 0031 49.52
 MORH SZ EPn 0031 42.50
 MORH SN Sn 0032 11.25

July 28 2012 Hour: 00:35:25.0 Lat: 44.23°N Lon: 17.91°E M: 3.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0036 04.97
 CSKK SZ EPn 0036 15.08
 MORH SZ EPn 0035 59.31
 PSZ SZ EPn 0036 24.58
 SOP SZ EPn 0036 21.55
 SOP SN Sn 0037 04.82
 MORH SN Sn 0036 29.84
 BEHE SN Sn 0036 35.30
 PSZ SN Sn 0037 15.74
 CSKK SN Sn 0036 51.48
 CSKK SN ESg 0037 07.83

July 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn D 0100 42.02
 BEHE SZ EPn 0100 47.15
 BEHE SN Sn 0101 18.78
 MORH SN Sn 0101 09.12

July 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn D 0137 56.69
 MORH SE Sn 0138 25.58

July 28 2012 Hour: 02:06:24.0 Lat: 44.21°N Lon: 17.90°E M: 3.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn D 0206 58.26
 MORH SZ EPg 0207 02.83
 BEHE SN Sn 0207 34.90
 MORH SN Sn 0207 27.59
 BEHE SZ EPn 0207 04.24

BEHE SZ EPg 0207 09.04

July 28 2012 Hour: 11:23:41.0 Lat: 81.34°N Lon: 3.70°W M: 5.0 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 1130 37.51

TRPA SZ EP 1130 34.29

CSKK SZ EP 1130 35.36

July 28 2012 Hour: 13:22:05.0 Lat: 44.19°N Lon: 17.92°E M: 3.0 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 1323 05.24

CSKK SZ EPn 1322 54.62

BEHE SZ EPn 1322 46.14

BEHE SN Sn 1323 13.98

PSZ SN Sn 1323 53.91

July 28 2012 Hour: 13:44:35.0 Lat: 44.22°N Lon: 17.97°E M: 3.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 1345 34.70

BEHE SZ EPn 1345 14.51

BEHE SN Sn 1345 45.81

CSKK SZ EPn 1345 25.90

CSKK SN Sn 1346 03.70

July 28 2012 Hour: 16:01:12.0 Lat: 4.49°N Lon: 32.73°W M: 5.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EP C 1611 20.90

TRPA SZ EP C 1611 46.27

PSZ SZ EP C 1611 35.81

SOP SE ES 1619 26.49

PSZ SE ES 1620 00.80

TRPA SE ES 1620 31.07

July 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 1710 06.32

July 28 2012 Hour: 20:03:58.0 Lat: 4.60°S Lon: 153.17°E M: 6.5 Depth: 50 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EPP 2022 49.03

BEHE SZ EPP 2022 50.77

BEHE SZ IPP 2024 33.60

BUD XZ EPP 2022 48.85

BUD XZ IPP 2024 22.08

PSZ SZ EPP 2022 46.76

PSZ SZ IPP 2024 18.93

SOPP SZ EPP 2022 47.11

SOPP SZ IPP 2024 30.45

TRPA SZ EPP 2022 44.49

TRPA SZ IPP 2024 06.36

July 29 2012 Hour: 02:21:13.0 Lat: 22.95°N Lon: 94.34°E M: 5.7 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA	SZ	EP	D	0231	20.08
SOP	SZ	EP	D	0231	46.86
PSZ	SZ	EP	D	0231	32.11
MORH	SZ	EP	D	0231	38.71
CSKK	SZ	EP		0231	34.82
BUD	XZ	EP		0231	35.60
BEHE	SZ	EP	D	0231	47.44
TRPA	SN	ES		0239	32.54
SOP	SN	ES		0240	22.41
PSZ	SN	ES		0239	54.46
MORH	SN	ES		0240	04.33
BEHE	SN	ES		0240	24.60

July 29 2012 Hour: 09:20:55.0 Lat: 47.42°N Lon: 139.09°E M: 5.7 Depth: 506 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP	D	0931	16.23											
TRPA	SZ	EPP		0933	00.65											
TRPA	SZ	IS		0939	42.09											
SOP	SZ	EP	D	0931	33.39											
SOP	SZ	EPP		0933	18.92											
SOP	SZ	IS		0939	50.84											
PSZ	SZ	EP	D	0931	24.04											
PSZ	SZ	EPP		0933	08.48											
PSZ	SZ	IS		0940	13.58											
MORH	SZ	EP	D	0931	33.59											
MORH	SZ	EPP		0933	16.31											
MORH	SZ	IS		0940	11.83											
CSKK	SZ	EP		0931	30.92											
CSKK	SZ	EPP		0933	17.87											
CSKK	SZ	IS		0940	14.01											
BUD	XZ	EP		0931	27.94											
BUD	XZ	EPP		0933	16.83											
BUD	XZ	IS		0940	25.82											
BEHE	SZ	EP	D	0931	37.49											
BEHE	SZ	EPP		0933	21.53											
BEHE	SZ	IS		0940	47.25											

July 29 2012 Hour: 16:53:53.0 Lat: 44.21°N Lon: 17.92°E M: 3.2 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn		1654	28.28											
PSZ	SZ	EPn		1654	54.46											
SOP	SZ	EPn		1654	49.92											
CSKK	SZ	EPn		1654	43.17											
CSKK	SN	Sn		1655	21.84											
SOP	SN	Sn		1655	32.77											
SOP	SN	ESg		1655	50.46											
PSZ	SN	Sn		1655	42.19											
PSZ	SN	ESg		1656	03.03											
MORH	SN	Sn		1654	54.87											
MORH	SN	ESg		1655	01.27											

July 30 2012 Hour: 09:01:17.0 Lat: 44.18°N Lon: 17.91°E M: 4.5 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
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SOP SZ EPn 0902 13.99
 CSKK SZ EPn 0902 08.24
 BEHE SZ EPn 0901 58.23
 MORH SN Sn 0902 19.95
 BEHE SN Sn 0902 28.87
 BUD XN Sn 0902 52.45
 BUD XN ESg 0903 06.21
 PSZ SN Sn 0903 07.72
 PSZ SN ESg 0903 27.22
 SOP SN Sn 0902 55.66
 SOP SN ESg 0903 15.43
 CSKK SN Sn 0902 49.04
 CSKK SN ESg 0903 01.22
 MORH SZ EPn D 0901 52.42
 PSZ SZ EPn D 0902 18.24
 BUD XZ EPn D 0902 10.15

July 30 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1038 22.90
 PSZ SN ESg 1038 26.01

July 30 2012 Hour: 19:45:38.0 Lat: 44.22°N Lon: 18.03°E M: 3.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SN Sn 1947 07.44
 CSKK SZ EPn 1946 27.91
 CSKK SZ EPg 1946 37.18
 PSZ SN Sn 1947 37.53
 PSZ SN EPn 1947 25.82
 PSZ SN ESg 1947 46.38
 MORH SN Sn 1946 38.44
 MORH SN ESg 1946 45.04
 MORH SZ EPn D 1946 11.90
 MORH SZ EPg 1946 16.46
 PSZ SZ EPn D 1946 37.95

July 30 2012 Hour: 22:30:42.0 Lat: 50.64°N Lon: 87.40°E M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 2238 40.00
 SOP SZ EP 2238 57.88
 TRPA SZ EP 2238 26.94
 MORH SZ EP 2238 55.13
 CSKK SZ EP 2238 50.66
 BUD XZ EP 2238 54.61

July 30 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SE Sn 2336 05.78
 MORH SZ EPn 2335 36.17
 MORH SZ EPg 2335 40.26

July 31 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 0123 37.07
 PSZ SZ EPn 0124 01.89
 MORH SN Sn 0124 03.56
 PSZ SN Sn 0124 57.70

July 31 2012 Hour: 08:08:39.0 Lat: 44.20°N Lon: 17.94°E M: 3.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0809 40.54
 MORH SZ EPn D 0809 14.68
 MORH SZ EPg 0809 19.31
 MORH SN Sn 0809 40.91
 MORH SE ESg 0809 46.35
 PSZ SN Sn 0810 28.68
 PSZ SN ESg 0810 48.12

July 31 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn C 0902 04.88
 MORH SZ EPg 0902 09.68
 MORH SN Sn 0902 35.58

July 31 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 1124 36.98
 PSZ SZ EPg 1124 37.97
 PSZ SN Sn 1124 43.27

July 31 2012 Hour: 23:12:13.0 Lat: 38.69°N Lon: 43.09°E M: 4.3 Depth: 19 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 2316 41.72
 PSZ SZ EP 2316 36.57

August 01 2012 Hour: 09:52:22.0 Lat: 39.76°N Lon: 75.51°E M: 5.1 Depth: 49 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 1000 02.54
 MORH SZ EPP 1001 43.48
 PSZ SZ EPP 1001 31.19

August 02 2012 Hour: 06:50:22.0 Lat: 51.60°N Lon: 16.23°E M: 3.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0651 29.99
 PSZ SZ IPg 0651 48.09
 SOP SZ EPn 0651 23.35
 PSZ SN Sn 0652 22.67
 PSZ SE ESg 0652 44.59
 SOP SN Sn 0652 11.64
 SOP SN ESg 0652 29.40

August 02 2012 Hour: 09:38:32.0 Lat: 8.45°S Lon: 74.34°W M: 6.0 Depth: 153 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 0951 51.18
 BUD XZ EP D 0951 50.90
 BEHE SZ EP D 0951 46.53

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

SOP SE IS 1002 03.03
MORH SE IS 1002 13.08
BUD XE IS 1002 07.05
BEHE SN IS 1002 01.02
SOP SZ EP D 0951 44.88
CSKK SZ EP 0951 51.19

August 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EPg 0957 42.52
CSKK SN ESg 0957 45.48

August 02 2012 Hour: 09:56:44.0 Lat: 4.96°S Lon: 153.27°E M: 6.0 Depth: 67 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ IP 1015 32.45
BEHE SZ IP C 1015 34.16
BEHE SZ EP 1017 03.39
BUD XZ IP 1015 30.32
BUD XZ EP 1017 05.10
MORH SZ IP C 1015 32.45
MORH SZ EP 1017 10.65
PSZ SZ IP C 1015 28.61
PSZ SZ EP 1016 55.71
SOP SZ IP C 1015 32.45
SOP SZ EP 1017 07.66
TRPA SZ IP C 1015 25.19
TRPA SZ EP 1016 47.59
SOP SE ES 1027 15.44
PSZ SN ES 1027 17.46
MORH SN ES 1027 27.56

August 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPg 1024 12.09
PSZ SN ESg 1024 16.82

August 02 2012 Hour: 10:30:39.0 Lat: 39.27°N Lon: 23.71°E M: 4.2 Depth: 24 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 1032 35.16
MORH SE Sn 1034 05.51

August 02 2012 Hour: 19:06:13.0 Lat: 26.14°N Lon: 96.32°E M: 5.0 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1916 35.03

August 02 2012 Hour: 23:34:41.0 Lat: 15.79°S Lon: 177.59°W M: 4.4 Depth: 455 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 2353 30.04
PSZ SZ EP C 2353 26.56
TRPA SZ EP C 2353 21.03
SOP SZ EP 2353 28.84

August 03 2012 Hour: 02:52:19.0 Lat: 16.80°S Lon: 174.09°W M: 4.8 Depth: 112 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 0311 52.92
PSZ SZ EP 0311 48.06
SOP SZ EP 0311 50.20
TRPA SZ EP D 0311 44.63

August 03 2012 Hour: 04:08:58.0 Lat: 7.02°S Lon: 155.75°E M: 5.5 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0427 56.36
PSZ SZ EP C 0428 05.86

August 03 2012 Hour: 05:08:35.0 Lat: 17.02°S Lon: 176.82°W M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0528 25.52
PSZ SZ EP 0528 19.95

August 03 2012 Hour: 06:06:10.0 Lat: 76.34°S Lon: 164.56°E M: 5.0 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0625 48.95
PSZ SZ EP 0625 53.34
SOP SZ EP C 0625 55.23

August 03 2012 Hour: 10:00:44.0 Lat: 39.41°N Lon: 143.48°E M: 4.9 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1012 58.52
PSZ SZ EP C 1012 49.41
MORH SN ES 1023 07.99
PSZ SN ES 1023 00.79

August 03 2012 Hour: 10:18:20.0 Lat: 38.71°N Lon: 28.03°E M: 4.7 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn C 1020 48.31
CSKK SZ EPn 1021 03.75
PSZ SZ EPn 1020 58.22
PSZ SN Sn 1023 17.93
MORH SN Sn 1023 05.32

August 03 2012 Hour: 10:21:19.0 Lat: 39.35°N Lon: 142.04°E M: 4.9 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP C 1033 17.03
MORH SZ EP C 1033 26.54

August 03 2012 Hour: 19:57:27.0 Lat: 43.98°N Lon: 16.77°E M: 4.6 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EPn 1958 51.49
SOP SN Sn 1959 01.59
CSKK SZ EPn 1958 20.33
PSZ SZ EPn 1958 32.40
SOP SZ EPn 1958 22.53
MORH SZ EPn 1958 06.08
MORH SZ EPg 1958 13.29
BUD XZ EPn 1958 23.73
BUD XZ EPg 1958 36.79

BEHE SZ EPn 1958 06.40
 BEHE SZ EPg 1958 14.87
 CSKK SN Sn 1959 02.66
 MORH SN Sn 1958 38.72
 PSZ SN Sn 1959 29.65
 TRPA SN Sn 2000 00.06
 BUD XN Sn 1959 11.03
 BUD XN ESg 1959 30.98
 BEHE SN Sn 1958 41.10
 BEHE SN ESg 1958 53.73

August 03 2012 Hour: 22:30:54.0 Lat: 44.01°N Lon: 16.74°E M: 3.7 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SN Sn 2232 03.88
 PSZ SN Sn 2232 48.97
 MORH SN Sn 2232 16.06
 MORH SN EPn 2232 09.79
 CSKK SN Sn 2232 46.53
 CSKK SN EPn 2232 30.66
 SOP SN EPn 2232 31.26
 TRPA SN Sn 2232 50.80
 TRPA SN EPn 2233 25.92
 BEHE SZ EPn 2231 33.98
 CSKK SZ EPn 2231 48.12
 MORH SZ EPn 2231 33.89
 SOP SZ EPn 2231 50.26
 PSZ SZ EPn 2232 00.09
 TRPA SZ EPn 2232 18.63

August 04 2012 Hour: 02:00:29.0 Lat: 1.82°S Lon: 100.36°E M: 5.2 Depth: 64 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0213 07.62
 CSKK SZ EP 0213 02.90
 MORH SZ EP 0213 00.26
 PSZ SZ EP C 0212 57.61
 TRPA SZ EP C 0212 48.74

August 04 2012 Hour: 02:23:51.0 Lat: 38.71°N Lon: 28.08°E M: 4.2 Depth: 7 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0229 16.77
 MORH SZ EPn 0226 18.80

August 04 2012 Hour: 11:24:12.0 Lat: 4.92°N Lon: 93.6°E M: 5.3 Depth: 1 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1136 06.95
 CSKK SZ EP 1136 06.95
 MORH SZ EP D 1136 07.21
 PSZ SZ EP D 1136 04.00
 TRPA SZ EP D 1136 02.14

August 05 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0409 45.18

MORH SN Sn 0410 17.51

August 05 2012 Hour: 11:27:59.0 Lat: 5.00°N Lon: 96.34°E M: 4.6 Depth: 164 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 1139 35.08

August 05 2012 Hour: 13:55:11.0 Lat: 21.09°S Lon: 178.29°W M: 5.9 Depth: 487 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1414 01.90

BUD XZ EP 1414 06.47

PSZ SZ EP 1414 04.47

SOP SZ EP D 1414 07.18

TRPA SZ EP D 1414 01.04

CSKK SZ EP 1414 03.05

August 05 2012 Hour: 20:37:23.0 Lat: 37.44°N Lon: 42.93°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 2041 37.90

TRPA SZ ES 2045 11.46

SOP SZ EP C 2042 16.36

SOP SZ ES 2045 37.57

PSZ SZ EP C 2041 54.34

PSZ SZ ES 2045 42.67

CSKK SZ EP 2042 03.33

CSKK SZ ES 2045 46.49

BEHE SZ EP C 2042 10.47

BEHE SZ ES 2046 03.68

SOP SN ES 2046 17.93

BUD XZ EP C 2041 58.41

BUD XZ ES D 2045 47.59

August 05 2012 Hour: 21:36:19.0 Lat: 44.22°N Lon: 17.92°E M: 2.8 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EPn 2136 59.21

SOP SN Sn 2137 58.54

PSZ SN Sn 2138 05.71

SOP SZ EPn 2137 15.66

BEHE SN Sn 2137 29.89

PSZ SZ EPn 2137 20.81

August 06 2012 Hour: 02:57:14.0 Lat: 56.58°N Lon: 11.94°E M: 4.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EP 0259 38.92

PSZ SZ EP 0259 37.26

TRPA SZ EP 0259 44.86

TRPA SN Sn 0301 37.27

PSZ SN Sn 0301 30.91

CSKK SN Sn 0301 32.50

August 06 2012 Hour: 03:28:23.0 Lat: 29.56°N Lon: 130.65°E M: 5.1 Depth: 47 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 0340 30.48

SOP SZ EP C 0340 43.14

TRPA SZ EP C 0340 24.35

August 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0624 26.24
 CSKK SN ESg 0624 27.58
 CSKK SE ESg 0624 27.59

August 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg C 0625 01.02
 CSKK SE ESg 0625 02.87
 CSKK SN ESg 0625 02.97

August 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0625 25.88
 CSKK SE ESg 0625 27.39

August 07 2012 Hour: 00:17:55.0 Lat: 30.39°N Lon: 94.88°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 0027 38.96
 MORH SZ EP C 0027 58.85

August 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 0943 15.93
 MORH SZ EPn D 0942 45.73
 MORH SZ EPg 0942 50.26

August 07 2012 Hour: 23:47:59.0 Lat: 17.57°S Lon: 178.83°W M: 4.7 Depth: 500 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 0006 38.49
 SOP SZ EP C 0006 46.27
 PSZ SZ EP C 0006 42.32
 MORH SZ EP C 0006 46.83
 LTVH SZ EP C 0006 41.63
 CSKK SZ EP 0006 44.83
 BUD XZ EP 0006 44.20
 BEHE SZ EP 0006 42.19

August 08 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0649 45.05
 PSZ SN ESg 0650 52.14

August 08 2012 Hour: 07:11:02.0 Lat: 25.88°N Lon: 124.91°E M: 5.5 Depth: 141 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 0723 12.12
 BUD XZ EP 0723 12.12
 CSKK SZ EP 0723 07.29
 MORH SZ EP D 0723 07.29
 PSZ SZ EP D 0722 58.12

SOP SZ EP D 0723 09.47
TRPA SZ EP D 0722 49.92

August 08 2012 Hour: 10:57:44.0 Lat: 16.00°S Lon: 178.07°E M: 5.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 1117 17.09
SOP SZ EP D 1117 18.94
MORH SZ EP D 1117 19.18
BEHE SZ EP D 1117 20.56

August 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 0435 18.80
PSZ SN Sn 0435 27.23
MORH SN Sn 0435 49.12
MORH SZ EPn 0435 31.73

August 09 2012 Hour: 07:09:46.0 Lat: 33.11°S Lon: 15.88°W M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 0722 21.50
PSZ SZ EP C 0722 31.05
TRPA SZ EP C 0722 35.45
SOP SZ EP 0722 25.11
LTVH SZ EP 0722 31.05
CSKK SZ EP 0722 25.76
BUD XZ EP 0722 25.76

August 10 2012 Hour: 03:31:28.0 Lat: 44.19°N Lon: 17.95°E M: 3.0 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn D 0332 29.29
BEHE SN Sn 0332 41.00
PSZ SN Sn 0333 17.28
BEHE SZ IPg C 0332 09.50
BEHE SZ EPn C 0332 09.50

August 10 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPg 0406 06.34

August 10 2012 Hour: 04:41:42.0 Lat: 1.92°N Lon: 96.96°E M: 5.2 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP C 0453 49.16
CSKK SZ EP C 0453 55.89
PSZ SN ES 0503 50.65
CSKK SN ES 0504 02.57

August 10 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
CSKK SZ EP C 0722 03.16
CSKK SN ESg 0722 04.36

August 10 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

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CSKK SZ EP C 0722 18.33
 CSKK SE ESg 0722 19.94

August 10 2012 Hour: 10:45:18.0 Lat: 44.21°N Lon: 17.95°E M: 3.2 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 1046 08.84
 PSZ SZ EPn 1046 18.55
 PSZ SE ESg 1047 28.11
 PSZ SE Sn 1047 06.66
 CSKK SN ESg 1046 59.36
 CSKK SN Sn 1046 46.55

August 10 2012 Hour: 18:37:43.0 Lat: 52.69°N Lon: 167.43°W M: 6.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP C 1849 54.27
 SOP SZ ES 1900 09.82
 PSZ SZ EP C 1849 51.27
 PSZ SZ ES 1859 57.52
 TRPA SZ EP C 1849 48.27
 TRPA SZ ES 1859 56.72
 LTVH SZ EP C 1849 52.99
 LTVH SZ ES 1859 56.72
 CSKK SZ EP 1849 49.55
 CSKK SZ ES 1901 02.88
 BEHE SZ EP C 1849 58.57
 BEHE SZ ES 1859 47.26
 BUD XZ EP C 1849 53.42
 BUD XZ ES 1859 47.26

August 10 2012 Hour: 19:06:37.2 Lat: 36.64°N Lon: 27.64°E M: 2.1 Depth: 84 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 1909 06.56
 CSKK SZ EPn 1909 16.58
 BEHE SN Sn 1911 45.80

August 11 2012 Hour: 09:34:25.0 Lat: 40.06°N Lon: 78.18°E M: 5.3 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPP 0942 10.82
 PSZ SZ ES 0952 20.84
 LTVH SZ EPP C 0942 01.23
 LTVH SZ ES 0952 14.78
 CSKK SZ EPP 0942 19.13
 CSKK SZ ES 0952 04.69
 BEHE SZ EPP C 0942 29.36
 BEHE SZ ES 0952 14.78
 BEHE SZ IP 0944 12.92
 BUD XZ EPP C 0942 16.89
 BUD XZ ES 0951 16.25
 BUD XZ IP 0943 57.65
 PSZ SN IP 0943 49.47
 TRPA SZ EPP C 0941 55.48
 TRPA SZ ES 0952 04.69
 TRPA SZ IP 0943 32.83

SOP SZ EPP C 0942 28.72
 SOP SZ ES 0952 28.91
 SOP SZ IP 0944 12.10

August 11 2012 Hour: 12:23:18.0 Lat: 38.41°N Lon: 46.81°E M: 6.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1228 27.13
 BEHE SZ ES 1232 46.32
 CSKK SZ EP 1228 20.51
 CSKK SZ ES 1232 49.37
 LTVH SZ EP D 1227 53.11
 LTVH SZ ES 1231 33.00
 MORH SZ EP D 1228 13.58
 MORH SZ ES 1232 15.77
 PSZ SZ EP D 1228 09.07
 PSZ SZ ES 1232 15.77
 SOP SZ EP D 1228 30.44
 SOP SZ ES 1232 46.32
 TRPA SZ EP D 1227 51.00
 TRPA SZ ES 1231 39.11
 BUD XZ EP 1228 14.69
 BUD XZ ES 1233 07.70

August 11 2012 Hour: 12:34:36.0 Lat: 38.44°N Lon: 46.75°E M: 6.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1239 44.58
 CSKK SZ EP 1239 36.40
 LTVH SZ EP C 1239 11.58
 MORH SZ EP 1239 32.00
 PSZ SZ EP 1239 27.60
 SOP SZ EP 1239 47.40
 TRPA SZ EP C 1239 10.32
 TRPA SN ES 1242 59.79

August 11 2012 Hour: 13:14:09.0 Lat: 38.50°N Lon: 46.80°E M: 4.6 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 1318 40.10
 SOP SZ EP 1319 18.98
 PSZ SZ EP 1318 57.86
 MORH SZ EP 1319 02.58

August 11 2012 Hour: 15:21:16.0 Lat: 38.45°N Lon: 46.90°E M: 4.7 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1526 10.77
 PSZ SZ EP 1526 06.51
 TRPA SZ EP D 1525 48.32

August 11 2012 Hour: 15:43:23.0 Lat: 38.53°N Lon: 46.78°E M: 4.9 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 1547 53.32
 SOP SZ EP C 1548 32.67
 PSZ SZ EP C 1548 11.23
 MORH SZ EP C 1548 15.76

CSKK SZ EP 1548 16.76
 LTVH SZ EP C 1547 54.82
 BEHE SZ EP D 1548 29.82
 BUD XZ EP 1548 15.76
 PSZ SE ES 1552 07.08
 SOP SN ES 1552 52.76
 MORH SE ES C 1552 22.55

August 11 2012 Hour: 17:47:30.0 Lat: 52.21°N Lon: 31.46°W M: 5.3 Depth: 3 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 1754 17.14
 SOP SZ EP C 1753 47.95
 PSZ SZ EP C 1754 05.17
 MORH SZ EP 1754 04.07
 LTVH SZ EP C 1754 17.75
 CSKK SZ EP 1754 00.40
 BUD XZ EP 1754 01.26
 BEHE SZ EP C 1753 52.83

August 11 2012 Hour: 22:24:04.0 Lat: 38.54°N Lon: 46.73°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2229 14.60
 BUD XZ EP D 2228 58.62
 CSKK SZ EP 2229 04.72
 LTVH SZ EP D 2228 39.43
 MORH SZ EP D 2228 59.20
 PSZ SZ EP D 2228 54.26
 SOP SZ EP D 2229 15.48
 TRPA SZ EP D 2228 35.94
 PSZ SN ES 2232 56.39
 SOP SN ES 2233 33.88
 TRPA SN ES 2232 24.69
 LTVH SN ES 2233 17.21
 CSKK SN ES 2233 13.77
 BUD XN ES 2233 03.63

August 11 2012 Hour: 23:41:02.8 Lat: 44.59°N Lon: 149.34°E M: 4.8 Depth: 48 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 2353 04.56
 SOP SZ EP D 2353 03.95

August 11 2012 Hour: 23:56:38.0 Lat: 49.85°N Lon: 18.51°E M: 3.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPn 2357 18.23
 MORH SZ EPn 2357 33.89
 PSZ SZ EPn 2357 13.97
 SOP SZ EPn 2357 17.62
 TRPA SZ EPn 2357 26.29
 SOP SN Sn 2357 49.86
 TRPA SN Sn 2358 13.28
 MORH SN Sn 2358 13.28
 CSKK SN Sn 2357 48.49
 PSZ SE Sn 2357 42.39

August 12 2012 Hour: 01:21:37.0 Lat: 41.72°N Lon: 16.17°E M: 4.1 Depth: 20 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPn		0123	01.28											
MORH	SZ	EPn		0122	49.84											
PSZ	SZ	EPn		0123	13.33											
BEHE	SZ	EPn		0122	52.01											
BEHE	SZ	ESg		0123	08.01											
MORH	SN	ESg		0123	09.40											
MORH	SN	Sn		0123	48.05											
PSZ	SN	Sn		0124	30.11											
CSKK	SE	Sn		0124	12.23											
BEHE	SN	Sn		0123	45.83											

August 12 2012 Hour: 10:47:05.0 Lat: 35.76°N Lon: 82.68°E M: 6.2 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EP	D	1055	54.84											
SOP	SZ	ES		1102	58.81											
PSZ	SN	ESS		1105	59.56											
MORH	SN	ESS		1106	18.18											
LTVH	SN	ESS		1105	49.70											
BUD	XN	ESS		1106	11.61											
BEHE	SN	ESS		1106	35.71											
SOP	SN	ESS		1106	38.99											
SOP	SN	EPP		1057	48.70											
PSZ	SZ	EP	D	1055	37.87											
PSZ	SZ	ES		1102	34.71											
PSZ	SZ	EPP		1057	31.23											
MORH	SZ	EP		1055	45.77											
MORH	SZ	ES		1102	42.38											
MORH	SZ	EPP		1057	37.61											
LTVH	SZ	EP	D	1055	29.39											
LTVH	SZ	ES		1102	28.14											
LTVH	SZ	EPP		1057	30.22											
CSKK	SZ	EP		1055	46.65											
CSKK	SZ	ES		1102	40.19											
CSKK	SZ	ESS	D	1106	21.47											
CSKK	SZ	EPP		1057	38.29											
BUD	XZ	EP		1055	42.55											
BUD	XZ	ES		1102	39.09											
BUD	XZ	EPP		1057	32.24											
BEHE	SZ	EP		1055	55.42											
BEHE	SZ	ES		1103	02.10											
BEHE	SZ	EPP		1057	48.37											

August 13 2012 Hour: 01:56:12.0 Lat: 38.43°N Lon: 46.67°E M: 4.6 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		0201	07.63											
PSZ	SZ	EP		0201	04.11											

August 13 2012 Hour: 20:33:05.0 Lat: 35.14°N Lon: 73.85°E M: 5.1 Depth: 80 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EP		2040	57.42											

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MORH SZ EP C 2040 52.60

August 14 2012 Hour: 02:06:49.0 Lat: 23.96°N Lon: 122.56°E M: 4.8 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 0218 58.43

MORH SZ EP C 0219 06.41

BUD XZ EP 0219 02.96

August 14 2012 Hour: 02:59:40.0 Lat: 49.84°N Lon: 145.06°E M: 7.7 Depth: 611 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

CSKK SZ EP 0310 06.72

CSKK SZ ES 0318 43.55

CSKK SZ EPP 0312 23.46

SOP SZ EP D 0310 09.44

SOP SZ ESS 0322 38.02

SOP SZ EPP 0312 13.27

SOP SZ ES 0318 45.78

PSZ SZ EP D 0309 59.48

PSZ SZ ES 0318 35.40

PSZ SZ EPP 0312 13.27

PSZ SZ ESS 0322 29.98

MORH SZ EP D 0310 13.06

MORH SZ ES 0319 11.60

MORH SZ EPP 0312 23.46

MORH SZ ESS 0322 39.81

LTVH SZ EP D 0310 00.39

LTVH SZ ES 0318 37.21

LTVH SZ EPP 0312 15.39

LTVH SZ ESS 0322 24.62

BUD XZ EP 0311 04.65

BUD XZ ES 0319 30.61

BUD XZ EPP 0313 05.94

BUD XZ ESS 0323 33.40

BEHE SZ EP D 0310 14.87

BEHE SZ ES 0318 53.50

BEHE SZ EPP 0313 05.94

BEHE SZ ESS 0322 35.34

August 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 0656 17.67

PSZ SN ESg 0656 19.93

August 14 2012 Hour: 14:02:26.0 Lat: 38.43°N Lon: 46.83°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EP D 1407 38.46

TRPA SZ EP D 1406 58.91

PSZ SZ EP D 1407 17.40

LTVH SZ EP D 1407 01.48

CSKK SZ EP 1407 27.16

BUD XZ EP 1408 21.85

BEHE SZ EP D 1407 35.63

BEHE SN ES 1411 51.42

BUD	XN	ES	1411	27.99
PSZ	SN	ES	1411	19.96
TRPA	SN	ES	1410	39.79
SOP	SN	ES	1411	53.43
CSKK	SN	ES	1411	37.37
LTVH	SN	ES	1411	02.56

August 14 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
CSKK	SZ	EPg		1808												
CSKK	SN	ESg		1808												

August 14 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg		1945												
PSZ	SN	ESg	D	1945												

August 15 2012 Hour: 10:04:29.0 Lat: 57.87°N Lon: 32.79°W M: 5.3 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		1010												
BUD	XZ	EP		1010												
CSKK	SZ	EP		1010												
LTVH	SZ	EP		1010												
PSZ	SZ	EP		1010												
SOP	SZ	EP		1010												
TRPA	SZ	EP		1011												
TRPA	SN	ES		1016												
SOP	SN	ES		1015												
PSZ	SN	ES		1016												
LTVH	SN	ES	C	1016												
CSKK	SN	ES		1016												
BUD	XN	ES		1016												
BEHE	SN	ES		1016												

August 15 2012 Hour: 17:49:06.0 Lat: 38.52°N Lon: 46.77°E M: 5.1 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EP	D	1755												
SOP	SZ	EP	C	1754												
TRPA	SZ	EP	C	1753												
TRPA	SZ	ES		1757												
PSZ	SZ	EP		1753												
PSZ	SZ	ES		1758												
LTVH	SZ	EP		1753												
LTVH	SZ	ES		1757												
BEHE	SZ	EP		1754												
BEHE	SZ	ES		1758												
CSKK	SZ	EP		1754												
CSKK	SZ	ES		1755												
SOP	SN	ES		1758												
PSZ	SN	ES		1758												
CSKK	SN	ES		1758												
BUD	XN	ES		1758												
BEHE	SN	ES		1758												

August 15 2012 Hour: 19:44:00.0 Lat: 44.85°N Lon: 13.31°E M: 2.9 Depth: 20 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 1944 47.45
 BEHE SN Sn 1945 24.17

August 16 2012 Hour: 06:35:40.0 Lat: 18.54°S Lon: 177.82°W M: 5.0 Depth: 581 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP D 0654 22.87
 PSZ SZ EP D 0654 19.52
 MORH SZ EP D 0654 24.02
 LTVH SZ EP 0654 24.25
 BEHE SZ EP C 0654 25.75
 CSKK SZ EP C 0654 22.17

August 16 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPg 1231 27.76
 MORH SE ESg 1231 31.40

August 16 2012 Hour: 14:14:31.0 Lat: 0.30°S Lon: 18.79°W M: 5.1 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP C 1424 16.01
 PSZ SZ EP C 1424 28.38
 MORH SZ EP C 1424 15.34
 LTVH SZ EP 1424 19.16
 CSKK SZ EP 1424 19.09
 BUD XZ EP C 1424 23.36
 BEHE SZ EP C 1424 10.62

August 16 2012 Hour: 17:14:16.0 Lat: 38.49°N Lon: 46.84°E M: 4.6 Depth: 20 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP D 1719 26.40
 PSZ SZ EP D 1719 05.14
 MORH SZ EP D 1719 09.52
 LTVH SZ EP 1719 10.74
 CSKK SZ EP 1719 11.24
 BUD XZ EP D 1719 09.02
 BEHE SZ EP C 1719 24.38
 PSZ SN ES 1723 19.28
 MORH SN ES 1723 17.57

August 17 2012 Hour: 00:12:10.0 Lat: 0.32°S Lon: 18.72°W M: 5.2 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0021 50.15
 CSKK SZ EP 0021 58.87
 LTVH SZ EP C 0022 12.40
 MORH SZ EP C 0021 54.86
 SOP SZ EP C 0021 55.31
 PSZ SZ EP C 0022 07.41

August 17 2012 Hour: 02:56:59.0 Lat: 49.70°N Lon: 18.37°E M: 2.5 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 0257 34.20
 PSZ SN Sn 0258 04.15
 MORH SZ EPn 0257 52.88
 MORH SN Sn 0258 34.61

August 17 2012 Hour: 07:24:38.0 Lat: 41.26°N Lon: 141.94°E M: 4.9 Depth: 74 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 0736 30.33
 CSKK SZ EP 0736 35.82
 MORH SZ EP C 0736 35.82
 PSZ SZ EP C 0736 26.27
 SOP SZ EP C 0736 35.82
 TRPA SZ EP C 0736 19.36

August 17 2012 Hour: 20:20:03.0 Lat: 23.42°N Lon: 121.55°E M: 5.0 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 2032 19.72

August 18 2012 Hour: 06:51:42.0 Lat: 28.45°N Lon: 138.72°E M: 4.9 Depth: 534 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0703 28.29
 MORH SZ EP C 0703 35.48

August 18 2012 Hour: 17:45:02.0 Lat: 17.45°S Lon: 173.08°W M: 5.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1804 47.99
 BUD XZ EP 1804 43.63
 LTVH SZ EP C 1804 42.54
 PSZ SZ EP C 1804 41.86
 MORH SZ EP 1804 44.45
 TRPA SZ EP C 1804 39.27
 SOP SZ EP 1804 41.59

August 19 2012 Hour: 01:56:59.0 Lat: 5.18°N Lon: 94.76°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0208 58.95
 BUD XZ EP C 0208 50.37
 LTVH SZ EP C 0208 40.02
 MORH SZ EP C 0208 50.47
 PSZ SZ EP C 0208 47.61
 TRPA SZ EP C 0208 37.95
 SOP SZ EP C 0209 00.03

August 19 2012 Hour: 06:36:08.0 Lat: 42.41°N Lon: 21.37°E M: 2.8 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0637 15.79
 MORH SE Sn 0638 07.33

August 19 2012 Hour: 08:07:35.0 Lat: 47.79°N Lon: 128.61°W M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0819 49.85
 PSZ SN ES 0830 00.08

August 19 2012 Hour: 17:45:09.0 Lat: 39.81°N Lon: 16.04°E M: 3.7 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1746 46.65
 MORH SN Sn 1748 01.84

August 19 2012 Hour: 22:41:51.0 Lat: 4.81°S Lon: 144.58°E M: 6.2 Depth: 80 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2300 28.65
 LTVH SZ EP 2300 23.54
 MORH SZ EP 2300 27.57
 PSZ SZ EP 2300 25.02
 SOP SZ EP 2300 28.92
 TRPA SZ EP D 2300 21.25

August 20 2012 Hour: 11:42:45.0 Lat: 35.92°N Lon: 140.19°E M: 5.2 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 1154 48.53
 SOP SZ EP C 1155 04.99
 PSZ SZ EP C 1154 56.00
 LTVH SZ EP 1154 50.16
 CSKK SZ EP 1154 52.65
 BEHE SZ EP C 1155 08.02

August 20 2012 Hour: 11:42:45.0 Lat: 35.92°N Lon: 140.19°E M: 5.2 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 1154 59.17

August 20 2012 Hour: 16:42:49.0 Lat: 37.01°N Lon: 141.38°E M: 5.2 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP D 1655 11.88
 TRPA SZ EP D 1654 55.25
 PSZ SZ EP D 1655 02.95
 LTVH SZ EP 1655 00.44
 CSKK SZ EP 1654 58.93
 BUD XZ EP 1655 02.60
 BEHE SZ EP 1655 13.98

August 21 2012 Hour: 03:09:40.0 Lat: 4.80°S Lon: 102.93°E M: 5.5 Depth: 74 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 0322 18.81
 SOP SZ EP C 0322 36.48
 PSZ SZ EP C 0322 26.93
 MORH SZ EP C 0322 29.31
 LTVH SZ EP C 0322 20.72
 CSKK SZ EP 0322 21.91
 BUD XZ EP 0322 29.08
 BEHE SZ EP C 0322 36.24

August 21 2012 Hour: 17:39:37.0 Lat: 0.08°S Lon: 92.03°E M: 5.6 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 1751 40.26
 SOP SZ EP D 1751 48.97
 SOP SZ ES 1801 49.47

PSZ SZ EP D 1751 37.36
 PSZ SZ ES 1801 31.30
 MORH SZ EP D 1751 38.94
 MORH SZ ES 1801 41.40
 LTVH SZ EP D 1751 28.39
 LTVH SZ ES 1801 27.27
 CSKK SZ EP 1751 31.29
 CSKK SZ ES 1801 21.21
 BEHE SZ EP D 1751 47.12
 BEHE SZ ES 1801 45.43
 TRPA SZ EP D 1751 27.87
 TRPA SZ ES D 1801 06.61

August 22 2012 Hour: 01:33:05.0 Lat: 42.51°N Lon: 142.82°E M: 5.0 Depth: 52 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 0144 44.27
 SOP SZ EP C 0145 01.17
 PSZ SZ EP C 0144 51.63
 MORH SZ EP C 0145 01.44
 LTVH SZ EP C 0144 49.45
 CSKK SZ EP 0144 49.45
 BUD XZ EP 0144 37.73
 BEHE SZ EP C 0145 05.53

August 22 2012 Hour: 10:13:54.0 Lat: 19.83°S Lon: 173.75°W M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1033 54.30
 BUD XZ EP 1033 46.40
 CSKK SZ EP 1033 40.54
 LTVH SZ EP C 1033 45.13
 MORH SZ EP C 1033 48.44
 PSZ SZ EP C 1033 44.62
 SOP SZ EP C 1033 47.67
 TRPA SZ EP C 1033 41.81

August 23 2012 Hour: 02:33:15.0 Lat: 44.21°N Lon: 17.90°E M: 2.7 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn D 0234 16.69
 BEHE SN Sn 0234 25.52
 BEHE SZ EPn 0233 55.56
 MORH SZ EPn 0233 50.58
 MORH SZ EPg 0233 55.46
 PSZ SN Sn 0235 05.13
 MORH SN Sn 0234 18.06
 MORH SN ESg 0234 23.54
 BEHE SE ESg 0234 33.74

August 23 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1309 56.17
 PSZ SN ESg 1309 59.07

August 23 2012 Hour: 16:30:19.0 Lat: 28.60°N Lon: 82.77°E M: 5.2 Depth: 10 km

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1639 33.20

August 23 2012 Hour: 20:09:10.0 Lat: 49.79°N Lon: 18.53°E M: 2.2 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
SOP SN Sn 2010 23.72
PSZ SZ EPn 2009 45.89
SOP SZ EPn 2009 51.70
PSZ SN Sn 2010 13.30
PSZ SN ESg 2010 18.78

August 24 2012 Hour: 04:43:49.0 Lat: 27.21°S Lon: 176.77°W M: 5.7 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 0503 42.82
TRPA SZ EP 0503 38.05
PSZ SZ EP 0503 40.48
SOP SZ EP 0503 41.61

August 24 2012 Hour: 10:01:54.0 Lat: 33.39°S Lon: 179.46°W M: 5.7 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 1021 46.26
BUD XZ EP 1021 45.61
LTVH SZ EP C 1021 44.30
MORH SZ EP C 1021 47.79
PSZ SZ EP C 1021 46.05
SOP SZ EP C 1021 48.01
TRPA SZ EP 1021 43.64

August 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 1538 53.37
MORH SN Sn 1539 23.73

August 25 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 0445 06.19
MORH SE Sn 0445 37.92

August 25 2012 Hour: 05:59:09.0 Lat: 44.22°N Lon: 17.87°E M: 2.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 0559 44.01
MORH SN Sn 0600 10.60
PSZ SZ EPn 0600 10.15
PSZ SN Sn 0600 56.50

August 25 2012 Hour: 14:16:15.0 Lat: 42.50°N Lon: 142.94°E M: 5.9 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 1427 56.49
TRPA SZ ES 1437 27.64
SOP SZ EP C 1428 12.45
SOP SZ ES 1438 13.20
PSZ SZ EP C 1428 03.07
PSZ SZ ES 1437 42.13

LTVH SZ EP 1428 00.68
 LTVH SZ ES 1437 40.06
 MORH SZ EP 1428 13.25
 MORH SZ ES 1437 52.49
 BUD XZ EP 1428 18.44
 BUD XZ ES 1437 44.21
 BEHE SZ EP D 1428 20.43

August 25 2012 Hour: 15:36:32.0 Lat: 51.48°N Lon: 16.05°E M: 3.8 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 1537 52.78
 PSZ SZ EPn 1537 37.33
 SOP SZ EPn 1537 33.28
 PSZ SN Sn 1538 31.48
 MORH SN Sn 1539 02.84
 SOP SN Sn 1538 18.82
 SOP SN ESg 1538 37.21

August 25 2012 Hour: 18:37:00.0 Lat: 37.01°N Lon: 140.91°E M: 5.0 Depth: 89 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1849 10.75
 PSZ SZ EP C 1849 02.05
 TRPA SZ EP C 1848 54.40

August 26 2012 Hour: 15:05:37.0 Lat: 2.24°N Lon: 126.87°E M: 6.6 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP 1519 15.88
 SOP SZ ES 1529 46.06
 PSZ SZ EP 1519 10.57
 PSZ SZ ES 1529 42.66
 MORH SZ EP 1519 17.02
 MORH SZ ES 1529 44.92
 LTVH SZ EP 1519 05.45
 LTVH SZ ES 1529 39.26
 BUD XZ EP C 1519 14.36
 BUD XZ ES 1529 06.41
 BEHE SZ EP 1519 13.60
 BEHE SZ ES 1529 44.92

August 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0758 36.59
 PSZ SN ESg 0758 43.17

August 27 2012 Hour: 09:05:01.0 Lat: 12.22°N Lon: 88.33°W M: 5.1 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0914 09.12
 MORH SZ EP D 0913 59.53

August 27 2012 Hour: 16:26:51.0 Lat: 41.40°N Lon: 22.44°E M: 3.6 Depth: 4 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 1628 13.30
 PSZ SZ EPn 1628 30.21

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MORH SN Sn 1629 12.65
PSZ SN Sn 1629 46.07

August 28 2012 Hour: 01:21:55.0 Lat: 44.22°N Lon: 17.93°E M: 3.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 0122 36.11
MORH SZ EPn 0122 30.31
PSZ SZ EPn 0122 55.46
SOP SZ EPn 0122 51.76
SOP SN Sn 0123 33.62
BEHE SN Sn 0123 04.78
PSZ SN Sn 0123 43.16
MORH SN Sn 0122 57.65
BUD XN Sn 0123 30.39
BUD XZ EPn 0122 48.15

August 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPg C 0615 29.52
MORH SN ESg 0615 35.46
MORH SN IP 0615 32.22

August 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 1008 00.39
PSZ SN ESg 1008 03.48

August 28 2012 Hour: 13:55:07.0 Lat: 36.36°N Lon: 141.64°E M: 4.9 Depth: 32 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP C 1407 20.40
TRPA SZ EP 1407 13.07

August 28 2012 Hour: 14:10:40.0 Lat: 44.20°N Lon: 17.88°E M: 3.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 1411 21.50
MORH SZ EPn 1411 15.70
PSZ SZ EPn D 1411 41.80
BEHE SN Sn 1411 51.71
MORH SN Sn 1411 42.58
PSZ SN Sn 1412 26.31

August 28 2012 Hour: 15:34:57.0 Lat: 63.58°N Lon: 147.78°W M: 4.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 1545 58.85
SOP SZ EP 1546 00.33
PSZ SZ EP C 1545 59.84

August 28 2012 Hour: 15:51:05.0 Lat: 4.46°N Lon: 92.97°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 1602 39.12
PSZ SZ EP 1602 49.38
MORH SZ EP 1602 52.16

August 28 2012 Hour: 21:03:25.0 Lat: 44.18°N Lon: 17.90°E M: 2.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2104 07.74
 MORH SN Sn 2104 27.42
 BEHE SN Sn 2104 34.37
 PSZ SN Sn 2105 14.63
 MORH SZ EPn D 2104 00.62
 PSZ SZ EPn D 2104 26.77

August 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn D 2123 57.92
 MORH SN Sn 2124 24.47

August 28 2012 Hour: 23:12:15.0 Lat: 38.18°N Lon: 15.92°E M: 4.6 Depth: 45 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2314 11.57
 PSZ SZ EPn 2314 38.16
 SOP SZ EPn 2314 30.49
 TRPA SZ EPn 2314 49.92
 MORH SN Sn 2315 43.72
 SOP SN Sn 2316 11.07
 TRPA SN Sn 2316 51.52
 PSZ SE Sn 2316 31.15
 BEHE SN Sn 2315 43.14
 BEHE SZ EPn 2314 13.62

August 28 2012 Hour: 23:44:42.0 Lat: 43.27°N Lon: 19.98°E M: 2.6 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2345 30.95
 MORH SE Sn 2346 08.40

August 29 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 0919 59.15
 PSZ SN ESg 0920 04.17

August 29 2012 Hour: 19:05:11.0 Lat: 38.49°N Lon: 141.78°E M: 5.5 Depth: 48 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1917 26.62
 BUD XZ EP 1917 17.29
 LTVH SZ EP C 1917 11.44
 PSZ SZ EP C 1917 14.04
 MORH SZ EP C 1917 21.85
 SOP SZ EP C 1917 23.15

August 29 2012 Hour: 19:25:43.0 Lat: 44.20°N Lon: 17.91°E M: 2.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 1926 47.96
 MORH SZ EPn D 1926 17.79
 MORH SZ EPg 1926 22.69

August 00 2012 Hour: 13:43:23.0 Lat: 71.52°N Lon: 10.61°W M: 6.7 Depth: 2 km

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STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP		1349	21.34											
TRPA	SZ	ES		1354	25.81											
SOP	SZ	EP		1349	09.53											
SOP	SZ	ES		1354	11.37											
PSZ	SZ	EP		1349	14.78											
PSZ	SZ	ES		1354	23.18											
MORH	SZ	EP		1349	25.28											
MORH	SZ	ES		1354	20.56											
LTVH	SZ	EP		1349	26.59											
LTVH	SZ	ES		1354	16.62											
BUD	XZ	EP		1349	20.03											
BUD	XZ	ES		1354	14.00											
BEHE	SZ	EP		1349	17.40											
BEHE	SZ	ES		1354	32.37											

August 31 2012 Hour: 00:35:36.0 Lat: 3.78°N Lon: 32.17°W M: 5.3 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP		0046	10.56											
PSZ	SZ	EP		0046	00.12											

August 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPn		0834	10.84											
PSZ	SN	Sn		0834	34.05											

August 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn		1038	25.68											
MORH	SN	Sn		1038	37.86											

August 31 2012 Hour: 12:47:32.0 Lat: 10.86°N Lon: 126.68°E M: 7.6 Depth: 20 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	IP	C	1300	57.13											
BEHE	SZ	ES		1312	12.28											
BEHE	SZ	EPP		1304	50.66											
BUD	XZ	IP	C	1300	47.95											
BUD	XZ	ES		1311	32.09											
BUD	XZ	EPP		1304	36.56											
LTVH	SZ	IP	C	1300	39.88											
LTVH	SZ	ES		1311	42.14											
LTVH	SZ	EPP		1304	29.20											
MORH	SZ	IP		1300	51.01											
MORH	SZ	ES		1311	48.83											
MORH	SZ	EPP		1304	34.72											
PSZ	SZ	IP	C	1300	45.72											
PSZ	SZ	ES		1311	53.86											
PSZ	SZ	EPP	D	1304	26.13											
SOP	SZ	IP		1300	54.90											
SOP	SZ	ES		1313	02.53											
SOP	SZ	EPP		1304	43.30											
TRPA	SZ	IP	C	1300	36.54											
TRPA	SZ	ES		1311	22.04											

TRPA SZ EPP 1304 04.67
 TRPA SZ ESS 1317 50.98
 PSZ SE ESS 1318 05.68
 LTVH SN ESS 1318 17.45
 BUD XN ESS 1318 08.62
 BEHE SN ESS 1318 30.68

August 31 2012 Hour: 18:38:55.0 Lat: 13.23°N Lon: 50.50°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 1846 45.64
 TRPA SZ EPP 1848 24.36
 MORH SZ EP D 1846 49.98
 MORH SZ EPP 1848 28.86
 BUD XZ EP C 1846 53.93
 BUD XZ EPP 1848 35.32

August 31 2012 Hour: 20:22:06.0 Lat: 45.51°N Lon: 26.34°E M: 4.1 Depth: 127 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2023 24.79
 MORH SN Sn 2024 24.62

August 31 2012 Hour: 21:11:50.0 Lat: 41.86°N Lon: 20.20°E M: 3.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 2113 52.37
 MORH SZ EPn 2112 59.85

August 31 2012 Hour: 23:37:58.0 Lat: 10.43°N Lon: 126.75°E M: 5.7 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 2351 01.41
 TRPA SZ EPP 2354 42.63
 SOP SZ EP 2351 18.35
 SOP SZ EPP 2355 26.57
 PSZ SZ EP D 2351 08.71
 PSZ SZ EPP 2354 42.63
 MORH SZ EP D 2351 15.87
 MORH SZ EPP 2355 07.28
 LTVH SZ EP 2351 04.48
 LTVH SZ EPP 2355 11.57
 BEHE SZ EP 2351 20.98
 BEHE SZ EPP 2355 33.00
 BUD XZ EP 2351 13.82
 BUD XZ EPP 2355 01.92
 BUD XZ IS 2402 48.74

September 01 2012 Hour: 00:01:57.0 Lat: 22.02°S Lon: 170.17°E M: 5.0 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0021 34.56
 LTVH SZ EP 0021 27.76
 BEHE SZ EP 0021 05.96
 BUD XZ EP 0020 59.68

September 01 2012 Hour: 00:25:02.0 Lat: 10.24°N Lon: 126.47°E M: 5.3 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

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PSZ SZ EP 0038 14.15
 SOP SZ EP 0038 25.22
 BUD XZ EP 0038 14.26

September 01 2012 Hour: 01:16:08.0 Lat: 10.50°N Lon: 126.72°E M: 5.7 Depth: 32 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 0129 26.13
 TRPA SZ EPP 0132 52.46
 SOP SZ EP D 0129 44.42
 SOP SZ EPP 0133 10.14
 PSZ SZ EP D 0129 34.87
 PSZ SZ EPP 0133 03.95
 MORH SZ EP 0129 40.93
 MORH SZ EPP 0133 14.56
 LTVH SZ EP D 0129 29.86
 LTVH SZ EPP 0133 10.14
 CSKK SZ EP 0129 30.56
 CSKK SZ EPP 0133 15.44
 BUD XZ EP D 0129 37.67
 BUD XZ EPP 0133 17.21
 BEHE SZ EP D 0129 46.40
 BEHE SZ EPP 0133 29.58

September 01 2012 Hour: 03:37:00.0 Lat: 44.20°N Lon: 17.90°E M: 2.6 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0338 01.51
 MORH SN Sn 0338 03.30
 MORH SE Sn 0338 03.43
 PSZ SE Sn 0338 49.30
 MORH SZ EPn 0337 35.84
 MORH SZ ESg 0337 40.46

September 01 2012 Hour: 05:09:45.0 Lat: 6.75°N Lon: 72.90°W M: 5.1 Depth: 163 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 0522 08.71

September 01 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 1348 25.04
 MORH SE Sn 1348 53.31
 PSZ SZ EPn 1348 50.76
 PSZ SN Sn 1349 25.13

September 02 2012 Hour: 00:50:02.0 Lat: 33.51°N Lon: 60.01°E M: 5.1 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 0056 23.44
 MORH SZ EP C 0056 42.69

September 02 2012 Hour: 12:44:02.0 Lat: 78.46°N Lon: 6.83°E M: 5.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1250 32.26
 BUD XZ EP 1251 23.76
 LTVH SZ EP 1250 36.74

MORH SZ EP 1250 34.78
 PSZ SZ EP 1250 20.22
 TRPA SZ EP D 1250 19.38
 MORH SN ES 1255 44.92
 SOP SZ EP D 1250 21.90
 SOP SZ ES 1255 06.44
 PSZ SN ES 1254 54.02

September 03 2012 Hour: 18:23:04.0 Lat: 10.85°S Lon: 113.91°E M: 6.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1836 57.94
 BUD XZ EP 1836 54.00
 LTVH SZ EP 1836 47.11
 MORH SZ EP 1836 51.54
 PSZ SZ EP 1836 52.03
 SOP SZ EP 1836 46.82
 TRPA SZ EP 1836 41.20
 BEHE SN ES 1841 11.14
 BUD XN ES D 1841 01.04
 LTVH SN ES 1840 47.99
 MORH SN ES 1841 05.25
 PSZ SN ES D 1840 55.99
 TRPA SN ES 1840 46.52

September 03 2012 Hour: 18:36:07.8 Lat: 38.73°S Lon: 124.59°E M: 3.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1847 57.86
 BUD XZ EP 1847 32.96
 LTVH SZ EP 1847 21.17
 MORH SZ EP 1847 27.72
 PSZ SZ EP 1847 27.72
 SOP SZ EP 1847 32.96
 TRPA SZ EP 1847 15.93

September 04 2012 Hour: 00:50:53.0 Lat: 10.43°N Lon: 126.94°E M: 5.4 Depth: 36 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP 0102 04.21

September 04 2012 Hour: 00:50:53.0 Lat: 10.43°N Lon: 126.94°E M: 5.4 Depth: 36 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 0103 57.26
 PSZ SZ EP 0104 03.95
 MORH SZ EP 0104 11.00
 BEHE SZ EP 0104 26.35
 LTVH SZ EP 0104 02.25
 TRPA SN ES 0114 55.26
 PSZ SN ES 0115 08.25
 MORH SN ES 0115 20.24

September 04 2012 Hour: 02:07:47.0 Lat: 44.23°N Lon: 17.95°E M: 3.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EPn 0208 28.21
 BUD XZ EPn 0208 41.15

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

LTVH SZ EPn 0208 31.35
TRPA SZ EPn 0209 04.87
LTVH SN Sn 0209 24.86
MORH SN Sn 0208 46.44
PSZ SN Sn 0209 34.47
TRPA SN Sn 0210 03.21
BUD XN Sn 0209 19.88
BEHE SE Sn 0208 57.42
BEHE SE ESg 0209 07.43
MORH SZ EPn D 0208 22.50
PSZ SZ EPn D 0208 48.47

September 04 2012 Hour: 06:43:01.0 Lat: 10.72°N Lon: 126.92°E M: 5.4 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 0656 18.13
PSZ SZ EP 0656 11.95

September 04 2012 Hour: 06:58:02.0 Lat: 10.61°N Lon: 126.78°E M: 5.5 Depth: 36 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 0711 25.15
BUD XZ EP 0711 17.03
LTVH SZ EP 0711 11.22
TRPA SZ EP D 0711 05.19
PSZ SZ EP D 0711 13.39
MORH SZ EP D 0711 19.47

September 04 2012 Hour: 09:58:11.0 Lat: 10.50°N Lon: 126.88°E M: 5.4 Depth: 36 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 1011 15.32
PSZ SZ EP 1011 24.45
BUD XZ EP 1011 34.09
BEHE SZ EP 1011 34.44

September 04 2012 Hour: 15:08:55.7 Lat: 10.98°N Lon: 127.35°E M: 4.5 Depth: 35 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP D 1524 24.60
MORH SZ EP 1524 30.38
BUD XZ EP 1524 29.01

September 04 2012 Hour: 22:43:42.0 Lat: 41.13°N Lon: 19.80°E M: 4.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 2245 07.84
BUD XZ EPn 2245 11.85
LTVH SZ EPn 2245 14.63
PSZ SZ EPn 2245 21.42
SOP SZ EPn 2245 27.91
TRPA SZ EPn 2245 29.76
MORH SN Sn 2246 01.23
PSZ SN Sn 2246 38.38
BUD XN Sn 2246 28.60
BEHE SN Sn 2246 14.27
MORH SZ EPn D 2244 59.15

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September 05 2012 Hour: 00:24:52.0 Lat: 19.32°N Lon: 64.45°W M: 5.0 Depth: 34 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0048 44.42
 PSZ SZ EP 0048 38.17
 TRPA SZ EP 0048 31.55

September 05 2012 Hour: 05:17:43.0 Lat: 42.87°N Lon: 17.73°E M: 2.9 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0518 37.44
 MORH SN Sn 0519 19.62

September 05 2012 Hour: 13:09:10.0 Lat: 12.47°S Lon: 166.50°E M: 6.0 Depth: 20 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 1331 10.76

September 05 2012 Hour: 14:42:10.0 Lat: 10.16°N Lon: 85.39°W M: 7.6 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 1455 10.76
 BEHE SZ IP 1458 59.21
 BEHE SZ IS 1506 42.74
 BUD XZ EP 1455 19.32
 BUD XZ IP 1458 58.84
 BUD XZ IS 1507 23.67
 LTVH SZ EP 1455 27.13
 LTVH SZ IP 1458 59.96
 LTVH SZ IS 1507 23.67
 MORH SZ EP 1455 17.83
 MORH SZ IP 1459 01.07
 MORH SZ IS 1507 29.25
 PSZ SZ EP 1455 18.95
 PSZ SZ IP 1458 59.21
 PSZ SZ IS 1507 32.97
 SOP SZ EP 1455 11.51
 SOP SZ IP D 1458 59.96
 SOP SZ IS 1506 50.19
 TRPA SZ EP 1455 27.13
 TRPA SZ IP 1458 59.96
 TRPA SZ IS 1507 49.72
 TRPA SN ESS C 1512 58.51
 SOP SN ESS 1512 21.66
 PSZ SN ESS 1512 44.77
 MORH SN ESS 1513 00.38
 LTVH SN ESS 1513 15.37
 BUD XN ESS 1512 36.65
 BEHE SN ESS 1512 42.90

September 05 2012 Hour: 20:36:33.0 Lat: 11.91°N Lon: 46.30°E M: 5.0 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 2044 17.13
 PSZ SZ EP 2044 22.73
 TRPA SZ EP 2044 15.05

September 06 2012 Hour: 01:57:13.0 Lat: 27.18°N Lon: 54.04°E M: 5.3 Depth: 30 km

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
LTVH SZ EP 0203 55.27
MORH SZ EP 0203 51.30
TRPA SZ EP D 0203 37.70
SOP SZ EP D 0204 09.69
PSZ SZ EP D 0203 52.71
BUD XZ EP D 0203 55.74
BEHE SZ EP C 0204 04.03

September 06 2012 Hour: 03:43:46.0 Lat: 27.17°N Lon: 54.07°E M: 4.9 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 0350 24.70
PSZ SZ EP 0350 27.89
BEHE SZ EP 0350 39.51

September 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SN Sn 0404 28.72
SOP SZ EPn 0404 10.95
PSZ SZ EPn 0404 11.42

September 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SN ESg 0706 12.71
PSZ SZ EPg 0706 10.86

September 06 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 0807 20.58
PSZ SN ESg 0807 35.39
PSZ SN Sn 0807 31.99

September 06 2012 Hour: 20:42:59.0 Lat: 68.73°N Lon: 16.97°W M: 4.6 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP 2048 48.82
SOP SZ EP 2048 41.34

September 06 2012 Hour: 22:52:41.0 Lat: 44.23°N Lon: 17.90°E M: 2.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 2253 16.69
PSZ SZ EPn 2253 42.28
MORH SN Sn 2253 43.87
PSZ SN Sn 2254 30.93

September 07 2012 Hour: 03:19:42.0 Lat: 27.59°N Lon: 104.02°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP D 0330 20.43
SOP SZ EP 0330 44.70
PSZ SZ EP D 0330 32.18
MORH SZ EP 0330 38.82
LTVH SZ EP 0330 38.51
BUD XZ EP 0330 36.35
BEHE SZ EP 0330 45.32

TRPA SN ES 0339 00.55
 SOP SN ES 0339 46.75
 PSZ SN ES 0339 20.24
 MORH SE ES 0339 35.39
 LTVH SN ES 0339 52.05
 BUD XN ES 0339 31.60
 BEHE SN ES D 0339 48.26

September 07 2012 Hour: 04:16:30.0 Lat: 27.66°N Lon: 104.06°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 0427 22.99
 PSZ SZ EP 0427 19.79
 LTVH SZ EP 0427 11.80
 MORH SZ EP C 0427 27.07
 SOP SZ EP C 0427 33.11
 TRPA SZ EP C 0427 07.89
 BEHE SZ EP 0427 12.16

September 07 2012 Hour: 06:58:59.0 Lat: 6.84°S Lon: 72.22°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ IP 0710 17.39
 MORH SZ IP 0710 17.11
 BEHE SZ IP 0710 20.50

September 08 2012 Hour: 10:51:43.0 Lat: 3.13°S Lon: 135.15°E M: 6.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1121 22.00
 MORH SZ EP 1121 18.07
 TRPA SZ EP 1121 25.44

September 08 2012 Hour: 20:29:31.0 Lat: 10.10°N Lon: 85.28°W M: 5.8 Depth: 33 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2042 35.43
 MORH SZ EP 2042 36.72
 PSZ SZ EP 2042 39.70
 SOP SZ EP 2042 33.19

September 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 0142 25.28
 CSKK SN ESg 0142 26.90

September 09 2012 Hour: 02:43:06.0 Lat: 43.80°N Lon: 18.57°E M: 2.8 Depth: 4 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0243 56.25
 SOP SZ EPn 0244 10.38
 MORH SN Sn 0244 15.88
 BEHE SN Sn 0244 29.99
 SOP SN Sn 0245 00.95
 PSZ SN Sn D 0245 00.26
 PSZ SN ESg 0245 23.65
 BEHE SE ESg 0244 45.30
 MORH SZ EPn D 0243 46.89

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PSZ SZ EPn 0244 11.58

September 09 2012 Hour: 05:39:20.0 Lat: 49.51°N Lon: 155.50°E M: 5.9 Depth: 57 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP C 0551 11.98

CSKK SZ EP 0551 06.17

LTVH SZ EP 0551 12.91

MORH SZ EP C 0551 08.49

PSZ SZ EP 0550 59.42

TRPA SZ EP C 0550 53.37

SOP SZ EP 0551 07.07

SOP SN IS 0600 59.35

PSZ SN ES 0600 42.25

MORH SN ES 0601 02.67

September 09 2012 Hour: 07:26:06.0 Lat: 36.85°N Lon: 24.47°E M: 4.3 Depth: 122 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 0728 30.48

MORH SN Sn 0730 19.09

PSZ SN Sn 0730 45.32

PSZ SZ EPn 0728 48.46

September 09 2012 Hour: 09:39:14.0 Lat: 11.03°S Lon: 113.75°E M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ IP C 0948 46.98

BUD XZ IP 0948 38.87

LTVH SZ IP C 0948 33.60

MORH SZ IP C 0948 44.55

PSZ SZ IP C 0948 34.81

SOP SZ IP C 0948 42.11

TRPA SZ IP C 0948 27.92

September 09 2012 Hour: 19:23:51.0 Lat: 52.84°N Lon: 175.02°E M: 5.5 Depth: 120 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP 1935 23.49

MORH SZ EP 1934 14.65

PSZ SZ EP 1934 51.37

SOP SZ EP 1935 34.76

TRPA SZ EP 1934 45.53

September 09 2012 Hour: 21:20:33.0 Lat: 36.88°N Lon: 78.79°E M: 4.9 Depth: 0 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 2128 48.92

SOP SZ EP 2128 55.27

TRPA SZ EP D 2128 25.77

September 10 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EPg 0751 24.85

BUD XN ESg 0751 27.80

PSZ SN Sn 0751 51.53

PSZ SZ EPn 0751 39.46

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September 10 2012 Hour: 14:35:43.0 Lat: 10.56°N Lon: 93.57°E M: 5.2 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 1447 03.24
 PSZ SZ EP 1446 58.59
 SOP SZ EP D 1447 12.24
 TRPA SZ EP D 1446 48.43

September 11 2012 Hour: 01:28:18.0 Lat: 45.47°N Lon: 151.04°E M: 5.5 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ IP C 0140 27.01
 BUD XZ IP C 0140 19.12
 LTVH SZ IP C 0140 14.24
 MORH SZ IP C 0140 25.14
 SOP SZ IP C 0140 23.26
 TRPA SN ES 0149 54.34
 SOP SN ES 0150 21.72
 PSZ SN ES 0150 02.60
 MORH SN ES 0150 25.86
 LTVH SN ES 0150 24.31
 PSZ SZ IP C 0140 15.74
 PSZ SZ EPP 0143 37.90
 TRPA SZ IP 0140 08.60
 TRPA SZ EPP 0143 15.39

September 11 2012 Hour: 22:16:38.0 Lat: 45.38°N Lon: 151.25°E M: 4.9 Depth: 48 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP C 2228 39.02
 PSZ SZ EP C 2228 31.12
 MORH SZ EP 2228 40.60
 BUD XZ EP 2228 34.56
 BEHE SZ EP 2228 44.68
 LTVH SZ EP C 2228 29.28
 SOP SN ES 2239 58.42
 PSZ SN ES 2240 16.64
 MORH SN ES 2238 59.48

September 12 2012 Hour: 03:27:45.0 Lat: 34.74°N Lon: 24.03°E M: 5.4 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0330 42.47
 BUD XZ EPn 0330 52.79
 LTVH SZ EPn 0330 43.95
 MORH SZ EPn 0330 33.14
 PSZ SZ EPn 0330 51.32
 SOP SZ EPn 0330 59.67
 MORH SN Sn 0332 42.41
 PSZ SN Sn 0333 23.00
 BUD XN Sn 0333 11.83
 BEHE SN Sn 0333 02.57
 SOP SN Sn 0333 55.29

September 12 2012 Hour: 19:29:56.0 Lat: 36.79°N Lon: 71.49°E M: 5.2 Depth: 193 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP C 1937 23.23

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PSZ SZ EP C 1937 05.41
LTVH SZ EP C 1936 54.64
BUD XZ EP C 1937 09.44
TRPA SZ EP 1936 49.90

September 12 2012 Hour: 21:52:17.0 Lat: 23.91°S Lon: 82.85°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 2205 16.41
SOP SZ EP 2205 29.93
PSZ SZ EP 2205 21.61
MORH SZ EP C 2205 20.83
LTVH SZ EP C 2205 15.81
BUD XZ EP 2205 22.65
BEHE SZ EP 2205 24.64

September 13 2012 Hour: 01:55:02.0 Lat: 18.76°S Lon: 175.92°E M: 5.5 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP D 0214 31.39
MORH SZ EP 0214 32.85
SOP SZ EP D 0214 32.71
LTVH SZ EP D 0214 27.95

September 13 2012 Hour: 05:54:47.0 Lat: 10.43°N Lon: 127.06°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 0608 08.62
TRPA SZ EP D 0607 55.32
PSZ SZ EP D 0608 03.51
SOP SZ EP D 0608 13.61

September 14 2012 Hour: 00:43:51.0 Lat: 49.90°N Lon: 18.47°E M: 2.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0044 15.85
MORH SZ EPn 0044 48.18
PSZ SZ EPn 0044 30.38
MORH SN Sn 0045 27.21
PSZ SE Sn 0044 52.90

September 14 2012 Hour: 04:51:50.0 Lat: 3.25°S Lon: 100.63°E M: 6.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 0504 18.67
TRPA SZ ES 0514 47.19
SOP SZ EP 0504 34.98
SOP SZ EPP 0507 36.29
SOP SZ ES 0515 22.46
PSZ SZ EP C 0504 27.73
PSZ SZ ES 0515 04.29
MORH SZ EP 0504 30.58
MORH SZ ES 0515 10.71
LTVH SZ EP C 0504 20.74
LTVH SZ ES 0514 57.88
BUD XZ EP 0504 29.81
BUD XZ EPP 0507 52.17
BUD XZ ES 0515 12.84

BEHE SZ EP 0504 34.47
 BEHE SZ ES 0515 24.60

September 14 2012 Hour: 07:18:38.0 Lat: 39.75°S Lon: 15.96°W M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0731 34.79

September 15 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0708 22.84
 MORH SN Sn 0708 34.71
 BEHE SZ EPn 0708 33.01

September 16 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SE ESg 1019 45.45

September 16 2012 Hour: 21:46:45.0 Lat: 10.70°N Lon: 126.83°E M: 5.3 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 2159 34.53
 BUD XZ EP 2159 41.38
 BEHE SZ EP 2159 40.48

September 17 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0041 23.66
 CSKK SZ EPn 0041 33.78
 PSZ SZ EPn 0041 45.81
 MORH SZ EPn 0041 11.55
 MORH SN Sn 0041 20.76
 BEHE SN Sn 0041 47.08

September 17 2012 Hour: 19:09:30.0 Lat: 39.84°N Lon: 142.07°E M: 5.1 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ IP C 1921 38.95
 TRPA SZ IP C 1921 22.30
 PSZ SZ IP C 1921 29.75

September 18 2012 Hour: 01:44:48.0 Lat: 57.09°N Lon: 154.48°W M: 5.3 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0156 28.82
 TRPA SZ EP D 0156 28.59

September 18 2012 Hour: 15:25:07.8 Lat: 50.15°N Lon: 18.87°E M: 2.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SE Sn 1526 17.42
 PSZ SZ EPg 1525 52.76

September 18 2012 Hour: 22:25:49.0 Lat: 44.25°N Lon: 20.09°E M: 2.6 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 2226 45.59
 PSZ SE Sn 2227 25.96

September 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 0628 13.62
 PSZ SN ESg 0628 17.42

September 19 2012 Hour: 09:17:46.0 Lat: 37.31°N Lon: 37.10°E M: 4.7 Depth: 7 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0921 56.11
 BUD XZ EPn 0921 49.23
 SOP SZ EPn 0922 04.93
 TRPA SZ EPn 0921 23.46

September 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg C 1137 14.69
 PSZ SN ESg 1137 17.85

September 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 1734 13.52
 PSZ SN Sn 1734 29.10

September 20 2012 Hour: 05:40:19.0 Lat: 20.62°S Lon: 176.10°W M: 5.4 Depth: 210 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 0559 47.01
 LTVH SZ EP 0559 45.42
 PSZ SZ EP C 0559 46.03
 SOP SZ EP 0559 48.36
 TRPA SZ EP D 0559 41.51

September 20 2012 Hour: 06:23:41.0 Lat: 52.65°N Lon: 32.13°W M: 4.8 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP D 0630 17.15

September 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1104 46.81
 PSZ SN ESg 1104 52.05

September 20 2012 Hour: 21:03:40.0 Lat: 20.74°S Lon: 178.41°W M: 5.7 Depth: 530 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 2122 22.87
 SOP SZ EP D 2122 29.61
 PSZ SZ EP D 2122 26.31
 MORH SZ EP 2122 30.50
 LTVH SZ EP D 2122 25.12
 BUD XZ EP D 2122 27.36
 BEHE SZ EP D 2122 31.55

September 21 2012 Hour: 08:47:39.0 Lat: 35.23°N Lon: 22.55°E M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 0852 18.15
 BEHE SN Sn D 0852 39.23

PSZ SN Sn 0852 54.79
 PSZ SZ EPn 0850 38.32
 MORH SZ EPn D 0850 17.44
 BEHE SZ EPn 0850 27.46

September 21 2012 Hour: 15:39:16.0 Lat: 35.42 °N Lon: 22.62°E M: 4.7 Depth: 44 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn C 1541 50.66
 PSZ SZ EPn 1542 12.34
 MORH SN Sn 1543 49.82
 PSZ SN Sn 1544 32.59

September 22 2012 Hour: 01:16:07.0 Lat: 43.83°N Lon: 17.11°E M: 3.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SN Sn 0117 54.26
 PSZ SN Sn 0118 09.75
 MORH SN Sn 0117 23.52
 MORH SZ EPn 0116 48.27
 PSZ SZ EPn 0117 12.05
 SOP SZ EPn 0117 05.92

September 22 2012 Hour: 03:52:24.0 Lat: 38.07°N Lon: 22.74°E M: 5.0 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 0354 40.59
 BUD XZ EP 0354 44.55
 LTVH SZ EP 0354 40.10
 MORH SZ EP D 0354 29.38
 PSZ SZ EP 0354 50.90
 SOP SZ EP 0354 55.43
 TRPA SZ EP D 0354 51.39
 SOP SN Sn 0356 51.92
 BUD XN Sn 0356 30.58
 LTVH SN Sn 0356 25.24
 BEHE SE Sn 0356 20.98
 TRPA SN Sn 0356 32.18

September 22 2012 Hour: 06:15:57.0 Lat: 40.15°N Lon: 20.83°E M: 4.7 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0617 40.68
 BUD XZ EPn 0617 39.73
 LTVH SZ EPn 0617 33.93
 MORH SZ EPn D 0617 30.89
 PSZ SZ EPn 0617 53.69
 SOP SZ EPn 0617 56.54
 TRPA SZ EPn 0617 57.01
 PSZ SN Sn 0619 21.96
 BUD XN ESg 0619 47.00
 TRPA SN ESg 0620 14.90

September 22 2012 Hour: 06:58:27.0 Lat: 20.88°S Lon: 174.11°W M: 5.6 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EP C 0718 19.07
 MORH SZ EP 0718 22.11

PSZ SZ EP 0718 18.99
 SOP SZ EP C 0718 21.80
 TRPA SZ EP C 0718 16.03

September 23 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0524 23.81
 MORH SN Sn 0524 29.26

September 23 2012 Hour: 05:34:47.3 Lat: 19.02°N Lon: 64.64°W M: 4.6 Depth: 62 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0545 54.39
 PSZ SZ EP 0545 54.50

September 23 2012 Hour: 06:40:52.0 Lat: 16.86°S Lon: 175.42°E M: 5.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0700 31.11
 MORH SZ EP 0700 29.11
 PSZ SZ EP 0700 23.11
 SOP SZ EP D 0700 29.41

September 23 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 1206 20.92
 CSKK SN ESg 1206 25.63

September 24 2012 Hour: 02:32:12.0 Lat: 44.12°N Lon: 15.78°E M: 3.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 0232 52.37
 MORH SZ EPn 0232 58.90
 PSZ SZ EPn 0233 22.06
 SOP SZ EPn 0233 09.15
 PSZ SN Sn 0234 16.17
 MORH SN Sn 0233 33.68
 BEHE SN Sn 0233 23.13
 SOP SN Sn 0233 50.21

September 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0409 54.11

September 24 2012 Hour: 10:31:23.0 Lat: 21.20°S Lon: 174.32°W M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 1051 13.97
 SOP SZ EP 1051 18.49
 PSZ SZ EP 1051 15.01
 MORH SZ EP 1051 12.58
 LTVH SZ EP 1051 16.05
 CSKK SZ EP 1051 27.98
 BUD XZ EP 1051 16.52
 BEHE SZ EP 1051 34.70

September 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn C 1101 01.92
 PSZ SN Sn 1101 18.43

September 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 CSKK SZ EPg 2002 18.21
 CSKK SN ESg 2002 21.83

September 25 2012 Hour: 03:06:52.0 Lat: 15.48°S Lon: 173.83°W M: 5.7 Depth: 109 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EP C 0326 18.51
 PSZ SZ EP C 0326 18.36
 SOP SZ EP 0326 21.60
 TRPA SZ EP C 0326 15.55
 BUD XZ EP 0326 19.63
 BEHE SZ EP 0326 24.41

September 25 2012 Hour: 18:33:05.0 Lat: 21.25°S Lon: 174.35°W M: 5.3 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 1852 53.93
 MORH SZ EP 1852 52.55

September 25 2012 Hour: 23:45:25.0 Lat: 24.67°N Lon: 110.18°W M: 6.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP D 2358 45.44
 MORH SZ EP D 2358 47.88
 PSZ SZ EP 2358 46.30
 TRPA SZ EP D 2358 50.32

September 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 0918 40.38
 MORH SZ EPg 0916 22.50
 MORH SN ESg 0916 26.53

September 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN ESg 1049 13.48
 PSZ SZ EPg 1049 08.07

September 26 2012 Hour: 17:15:52.0 Lat: 25.99°S Lon: 177.32°W M: 5.1 Depth: 100 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 1735 54.92
 SOP SZ EP 1736 01.22
 TRPA SZ EP 1735 48.41

September 26 2012 Hour: 23:39:54.0 Lat: 51.57°N Lon: 178.24°W M: 6.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2352 14.26
 BUD XZ EP 2353 05.66
 LTVH SZ EP 2352 07.11
 MORH SZ EP 2352 12.70

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PSZ SZ EP 2352 03.76
SOP SZ EP 2352 04.43
TRPA SZ EP D 2351 58.84

September 27 2012 Hour: 00:56:06.0 Lat: 38.36°N Lon: 46.73°E M: 4.5 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP 0100 37.19

September 27 2012 Hour: 01:08:23.0 Lat: 41.15°N Lon: 14.97°E M: 4.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
SOP SZ EP 0112 57.48
SOP SZ EPn 0109 56.91
SOP SN Sn 0111 09.87

September 27 2012 Hour: 23:53:49.0 Lat: 8.82°S Lon: 157.49°E M: 6.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP C 2414 52.00

September 28 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPg 0856 55.37
PSZ SN ESg 0856 58.49

September 29 2012 Hour: 00:39:44.0 Lat: 38.52°N Lon: 14.81°E M: 4.5 Depth: 249 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 0041 38.75
MORH SZ EPn 0041 40.47
PSZ SZ EPn 0042 04.29
SOP SZ EPn D 0041 54.26
TRPA SZ EPn D 0042 17.92

September 30 2012 Hour: 16:31:34.0 Lat: 2.04°N Lon: 76.42°W M: 7.2 Depth: 149 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
LTVH SZ EP 1644 36.43
BUD XZ EP 1644 27.09
BUD XZ IP 1647 59.56
BEHE SZ EP 1644 21.35
BEHE SZ IP 1647 57.11
PSZ SZ EP 1644 30.44
PSZ SZ IP 1648 12.65
TRPA SZ EP D 1644 37.39
TRPA SZ IP 1648 37.19
PSZ SE IS 1654 50.74
TRPA SE IS 1655 01.06
LTVH SE IS 1655 01.06
BUD XE IS 1655 10.10
BUD XE ESS 1701 20.39
PSZ SN ESS 1701 33.29
TRPA SN ESS 1702 12.00
BEHE SE IS 1655 02.36
BEHE SE ESS 1701 11.34
LTVH SN ESS 1701 58.59

October 01 2012 Hour: 17:26:17.0 Lat: 45.74°N Lon: 26.67°E M: 4.2 Depth: 82 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EPn 1727 19.79
 PSZ SZ EPn 1727 32.10
 PSZ SN Sn 1728 33.51
 LTVH SE Sn 1728 05.83

October 01 2012 Hour: 22:21:46.0 Lat: 39.90°N Lon: 143.10°E M: 6.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN ES 2243 47.35
 BEHE SZ IP C 2234 04.04
 BEHE SZ ES 2244 15.23
 BEHE SZ EPP 2237 08.81
 BUD XZ IP C 2233 51.67
 BUD XZ EPP 2236 53.56
 LTVH SZ IP C 2233 45.48
 LTVH SZ EPP 2236 45.74
 PSZ SZ IP C 2233 49.35
 PSZ SZ EPP 2236 49.26
 PSZ SE ESS 2248 55.72
 LTVH SN ESS 2249 00.85
 LTVH SN ES 2243 39.54
 BUD XN ES 2243 56.64
 BUD XN ESS 2248 52.31
 BEHE SN ESS 2249 26.49

October 01 2012 Hour: 22:55:50.0 Lat: 39.86°N Lon: 143.17°E M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 2307 50.06

October 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 0136 01.74

October 02 2012 Hour: 03:45:35.0 Lat: 32.71°N Lon: 76.63°E M: 4.5 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0353 04.97
 BUD XZ EP 0353 06.66
 LTVH SZ EP 0353 02.63
 PSZ SZ EP D 0353 04.97

October 02 2012 Hour: 11:35:47.0 Lat: 21.04°S Lon: 174.43°W M: 5.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EP 1155 40.67
 PSZ SZ EP C 1155 40.56

October 02 2012 Hour: 17:37:22.0 Lat: 3.01°S Lon: 101.82°E M: 5.2 Depth: 107 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ IP C 1750 05.09

October 02 2012 Hour: 19:16:02.0 Lat: 37.23°N Lon: 71.95°E M: 4.8 Depth: 142 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 1923 02.85

October 03 2012 Hour: 13:32:37.0 Lat: 0.34°S Lon: 97.75°E M: 5.7 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
LTVH	SZ	EP		1344	47.08											
MORH	SZ	EP		1344	59.61											
PSZ	SZ	EP		1344	54.42											
BEHE	SZ	EP		1345	08.15											
BEHE	SZ	ES		1355	36.99											
BUD	XZ	EP		1344	59.61											
BUD	XZ	ES		1355	26.89											
MORH	SN	ES		1355	06.71											
PSZ	SN	ES		1355	03.04											
TRPA	SN	ES		1354	48.36											
PSZ	SE	ESS		1400	19.55											
TRPA	SZ	EP		1344	47.94											
TRPA	SZ	ESS		1359	43.77											
LTVH	SN	ES		1354	51.11											
LTVH	SN	ESS		1400	13.13											
BUD	XN	ESS		1400	51.66											

October 03 2012 Hour: 14:41:30.0 Lat: 44.85°N Lon: 9.77°E M: 4.6 Depth: 30 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
LTVH	SZ	EPn		1443	55.82											
LTVH	SN	Sn		1446	19.55											
BEHE	SN	Sn		1443	48.61											
PSZ	SZ	EPn	D	1443	20.01											
MORH	SZ	EPn		1443	00.85											
BEHE	SZ	EPn		1442	45.60											
MORH	SN	Sn		1444	13.22											
MORH	SN	ESg		1444	59.13											
PSZ	SN	Sn		1444	43.88											
PSZ	SN	ESg		1445	45.69											
BEHE	SE	ESg		1444	24.04											

October 04 2012 Hour: 01:55:20.0 Lat: 13.17°N Lon: 120.64°E M: 5.2 Depth: 60 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP	C	0208	06.63											
PSZ	SZ	EP		0208	00.29											

October 04 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg		0847	30.23											
PSZ	SN	ESg		0847	31.60											

October 04 2012 Hour: 23:14:56.0 Lat: 17.48°N Lon: 46.50°W M: 5.4 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP	C	2324	58.48											
BUD	XZ	EP		2325	06.05											
PSZ	SZ	EP		2325	13.62											
TRPA	SZ	EP	D	2325	23.23											
SOP	SZ	EP	D	2324	56.45											
MORH	SZ	EP		2325	05.62											
MORH	SZ	ES		2333	13.30											

October 05 2012 Hour: 00:19:58.0 Lat: 17.80°N Lon: 46.51°W M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 0029 57.01

BUD XZ EP 0029 58.04

LTVH SZ EP 0030 22.34

MORH SZ EP 0030 05.86

PSZ SZ EP 0030 12.87

SOP SZ EP 0029 58.04

TRPA SZ EP 0030 23.37

SOP SN ES D 0038 08.98

MORH SN ES 0038 22.61

October 05 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EPg 0721 29.46

BUD XN ESg 0721 32.92

October 05 2012 Hour: 08:13:19.0 Lat: 26.31°N Lon: 125.07°E M: 5.0 Depth: 155 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP D 0825 20.43

October 05 2012 Hour: 18:22:53.0 Lat: 13.04°N Lon: 91.53°W M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 1836 11.42

PSZ SZ EP 1836 13.05

TRPA SZ EP D 1836 20.21

SOP SZ EP 1836 04.74

MORH SE ES 1846 45.16

October 06 2012 Hour: 03:40:04.0 Lat: 24.00°N Lon: 45.74°W M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EP C 0349 29.52

October 06 2012 Hour: 09:27:36.0 Lat: 41.16°N Lon: 88.48°E M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP C 0936 25.15

October 06 2012 Hour: 20:37:11.0 Lat: 40.26°N Lon: 25.25°E M: 4.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 2039 01.01

PSZ SZ EPn 2039 18.42

SOP SZ EPn 2039 27.95

TRPA SZ EPn 2039 11.20

PSZ SN Sn 2040 41.69

TRPA SN Sn 2040 34.30

TRPA SN ESg 2041 44.86

PSZ SE ESg 2041 50.82

MORH SN Sn 2040 37.09

MORH SN ESg 2041 21.55

SOP SN Sn 2041 21.38

October 07 2012 Hour: 03:14:24.0 Lat: 18.71°N Lon: 121.07°E M: 5.6 Depth: 40 km

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP C 0327 00.76
 BUD XZ EP 0326 51.90
 MORH SZ EP C 0326 54.86
 PSZ SZ EP C 0326 48.36
 SOP SZ EP C 0326 58.79
 TRPA SZ EP C 0326 39.31
 LTVH SZ EP 0326 43.43

October 07 2012 Hour: 07:38:46.0 Lat: 15.42°S Lon: 172.07°W M: 4.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 0758 23.91
 SOP SZ EP C 0758 32.02
 PSZ SZ EP 0758 28.24
 MORH SZ EP 0758 31.94
 LTVH SZ EP 0758 28.79
 BUD XZ EP 0758 32.89
 BEHE SZ EP 0758 32.26

October 07 2012 Hour: 11:42:51.0 Lat: 40.70°N Lon: 48.35°E M: 5.1 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 1147 16.04
 MORH SZ EP D 1147 41.97
 PSZ SZ EP D 1147 35.18
 SOP SZ EP D 1147 57.86

October 08 2012 Hour: 11:43:33.0 Lat: 4.54°S Lon: 129.33°E M: 6.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 1202 07.98
 LTVH SZ EP 1202 02.77
 MORH SZ EP 1202 06.49
 PSZ SZ EP 1202 07.24
 BEHE SZ EP 1202 18.72

October 08 2012 Hour: 12:18:47.0 Lat: 44.08°N Lon: 17.19°E M: 4.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EPn 1219 41.24
 BEHE SN Sn 1219 57.90
 MORH SN Sn 1219 54.63
 BUD XN Sn 1220 29.78
 SOP SN Sn 1220 26.72
 SOP SE ESg 1220 46.64
 BUD XE ESg 1220 43.58
 BEHE SE ESg 1220 06.92
 MORH SE ESg 1220 02.80
 SOP SZ EPn D 1219 43.32
 MORH SZ EPn D 1219 25.41
 BEHE SZ EPn 1219 27.06

October 09 2012 Hour: 00:30:18.0 Lat: 20.89°S Lon: 174.12°W M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0044 24.31

October 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1154 53.24
 PSZ SN ESg 1154 56.49

October 09 2012 Hour: 12:32:02.0 Lat: 61.11°S Lon: 154.15°E M: 6.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1252 02.15
 BUD XZ EP 1252 15.02
 LTVH SZ EP 1251 59.26
 MORH SZ EP 1251 57.65
 SOP SZ EP 1252 07.62
 TRPA SZ EP 1251 56.36
 PSZ SZ EP 1252 01.81
 TRPA SN ES 1314 44.40
 SOP SN ES 1315 14.69
 MORH SE ES 1314 38.35
 BEHE SN ES 1314 08.06

October 09 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1349 07.91
 PSZ SN ESg 1349 12.15

October 10 2012 Hour: 16:56:35.0 Lat: 29.32°N Lon: 52.56°E M: 4.8 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 1702 55.15
 LTVH SZ EP 1702 57.03
 BUD XZ EP 1702 57.11
 BEHE SZ EP C 1703 06.82
 TRPA SZ EP C 1702 40.11
 SOP SZ EP C 1703 11.04
 PSZ SZ EP C 1702 53.66

October 11 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 0756 56.94
 PSZ SN ESg 0757 04.81

October 12 2012 Hour: 00:31:28.0 Lat: 4.91°S Lon: 134.05°E M: 6.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0049 54.99
 BEHE SZ ES 0100 12.86
 MORH SZ EP 0049 42.81
 MORH SZ ES 0059 44.25
 SOP SZ EP 0049 51.41
 SOP SZ ES 0059 55.25
 TRPA SZ EP 0049 59.30
 TRPA SZ ES 0059 28.84

October 12 2012 Hour: 04:57:20.0 Lat: 35.83°N Lon: 140.35°E M: 5.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0509 43.08

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BUD XZ EP 0509 45.72
LTVH SZ EP 0509 41.09
MORH SZ EP 0509 40.87
PSZ SZ EP 0509 32.06
SOP SZ EP 0509 37.35
TRPA SZ EP 0509 25.89

October 12 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPg 1149 10.63
MORH SN ESg 1149 11.53
BEHE SE ESg 1149 38.99

October 13 2012 Hour: 08:25:46.0 Lat: 22.21°S Lon: 170.48°E M: 4.8 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 0845 21.42
LTVH SZ EP 0845 16.59
PSZ SZ EP C 0845 18.74
TRPA SZ EP C 0845 23.57
BEHE SZ EP 0845 17.93

October 13 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 1707 38.46
PSZ SN Sn 1708 02.64

October 13 2012 Hour: 17:52:48.0 Lat: 19.87°S Lon: 173.90°W M: 5.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ IP C 1812 35.82
PSZ SZ IP 1812 38.81
LTVH SZ IP 1812 37.50
BUD XZ IP 1812 46.09
BEHE SZ IP 1812 50.76

October 13 2012 Hour: 22:36:30.0 Lat: 16.96°S Lon: 174.02°W M: 5.2 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 2256 17.67
BUD XZ EP 2256 11.49
LTVH SZ EP 2256 07.67
PSZ SZ EP 2256 10.32
TRPA SZ EP 2256 06.05

October 14 2012 Hour: 04:58:12.0 Lat: 7.24°S Lon: 156.07°E M: 5.6 Depth: 100 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP C 0517 05.38
BUD XZ EP 0517 07.45
LTVH SZ EP 0516 59.18
MORH SZ EP C 0517 03.63
PSZ SZ EP C 0517 00.84
TRPA SZ EP C 0516 56.91

October 14 2012 Hour: 09:41:58.0 Lat: 48.38°N Lon: 154.44°E M: 5.8 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD	XZ	EP	C	0953	47.93
BEHE	SZ	EP	C	0953	56.87
TRPA	SZ	EP	C	0953	38.00
TRPA	SZ	ES		1003	10.28
PSZ	SZ	EP	C	0953	43.79
PSZ	SZ	ES		1003	24.19
MORH	SZ	EP	C	0953	52.89
MORH	SZ	ES		1003	42.26
LTVH	SZ	EP		0953	45.31
LTVH	SZ	ES		1003	28.36

October 14 2012 Hour: 10:13:39.0 Lat: 41.88°N Lon: 46.44°E M: 5.4 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		1018	31.38											
BUD	XZ	EP		1020	15.34											
LTVH	SZ	EP		1017	58.30											
MORH	SZ	EP		1018	21.62											
PSZ	SZ	EP		1018	09.96											
TRPA	SZ	EP		1017	51.69											
TRPA	SZ	ES		1021	09.45											
PSZ	SN	ES		1021	51.90											
MORH	SN	ES		1022	05.69											
LTVH	SE	ES		1021	41.12											
BEHE	SN	ES		1022	32.62											
BUD	XN	ES		1023	55.20											

October 14 2012 Hour: 11:09:38.0 Lat: 48.42°N Lon: 154.43°E M: 5.1 Depth: 67 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
LTVH	SZ	EP	D	1123	46.19											
BEHE	SZ	EP		1121	32.61											
BUD	XZ	EP		1121	23.93											
MORH	SZ	EP	C	1121	29.50											
PSZ	SZ	EP	C	1121	19.81											
TRPA	SZ	EP	C	1121	13.46											

October 14 2012 Hour: 11:11:33.0 Lat: 38.24°N Lon: 144.40°E M: 5.4 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
LTVH	SZ	EP		1123	46.18											
MORH	SZ	EP	D	1123	57.01											
PSZ	SZ	EP	D	1123	48.10											
TRPA	SZ	EP	D	1123	40.91											
BUD	XZ	EP	D	1123	51.92											
BEHE	SZ	EP		1124	00.61											

October 14 2012 Hour: 14:16:58.0 Lat: 48.37°N Lon: 154.46°E M: 4.9 Depth: 100 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EP	C	1428	42.45											
MORH	SZ	EP		1428	45.91											
LTVH	SZ	EP		1428	45.91											
BUD	XZ	EP		1428	41.23											
TRPA	SZ	EP	D	1428	30.31											
PSZ	SZ	EP	C	1428	35.75											
BEHE	SZ	EP		1428	48.55											

October 14 2012 Hour: 19:36:53.0 Lat: 55.56°N Lon: 161.75°E M: 5.1 Depth: 83 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 1948 01.46

October 14 2012 Hour: 23:08:05.0 Lat: 25.24°N Lon: 102.02°E M: 4.6 Depth: 60 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 2318 56.95

October 14 2012 Hour: 23:54:39.0 Lat: 43.66°N Lon: 21.63°E M: 2.6 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn C 2355 30.90
 MORH SN Sn 2356 12.02
 MORH SN ESg 2356 26.84

October 15 2012 Hour: 01:19:01.3 Lat: 51.89°N Lon: 159.42°E M: 5.6 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EP C 0130 40.37
 SOP SZ EP 0130 48.59
 TRPA SN ES 0139 57.15
 PSZ SN ES 0140 19.23
 TRPA SE ESS 0144 27.56
 SOP SN ES 0140 31.37
 SOP SN ESS 0144 41.91
 MORH SN ES 0140 32.47
 MORH SN ESS 0144 38.60
 TRPA SZ EP 0130 35.95
 PSZ SZ EP 0130 41.96
 PSZ SZ ESS 0144 41.91
 MORH SZ EP C 0130 51.65
 BUD XZ EP C 0130 45.64
 BEHE SZ EP 0130 54.47

October 15 2012 Hour: 09:14:53.0 Lat: 44.46°N Lon: 17.17°E M: 2.5 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 0915 49.41
 BEHE SN Sn 0915 52.12
 BEHE SZ EPn 0915 28.26
 MORH SZ EPn 0915 26.43

October 15 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPg 1026 44.10
 MORH SN ESg 1026 44.97

October 15 2012 Hour: 20:19:01.0 Lat: 20.43°S Lon: 178.19°W M: 5.2 Depth: 546 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP D 2037 44.64
 SOP SZ EP D 2037 51.12
 PSZ SZ EP D 2037 47.20
 MORH SZ EP D 2037 51.36
 LTVH SZ EP 2037 46.88
 BEHE SZ EP D 2037 52.80

BUD XZ EP D 2037 49.24

October 15 2012 Hour: 22:45:02.0 Lat: 51.58°N Lon: 159.59°E M: 5.1 Depth: 36 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 2256 33.72

SOP SZ EP C 2256 46.68

PSZ SZ EP C 2256 39.96

MORH SZ EP C 2256 50.10

LTVH SZ EP C 2256 39.73

BUD XZ EP 2256 43.38

October 15 2012 Hour: 23:43:46.0 Lat: 36.01°N Lon: 69.69°E M: 5.0 Depth: 100 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 2351 06.47

MORH SZ EP C 2351 04.47

SOP SZ EP D 2351 14.85

October 16 2012 Hour: 01:16:02.0 Lat: 37.30°N Lon: 37.11°E M: 4.6 Depth: 9 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 0119 45.56

October 16 2012 Hour: 12:41:25.4 Lat: 49.58°N Lon: 156.51°E M: 5.6 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 1252 57.65

SOP SZ EP C 1253 10.76

PSZ SZ EP C 1253 03.69

MORH SZ EP 1253 13.73

LTVH SZ EP C 1253 02.77

BUD XZ EP 1253 15.99

BEHE SZ EP C 1253 16.40

October 16 2012 Hour: 13:39:26.0 Lat: 31.26°N Lon: 130.11°E M: 5.3 Depth: 168 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP C 1351 18.14

MORH SZ EP C 1351 23.19

PSZ SZ EP C 1351 14.45

SOP SZ EP C 1351 24.55

TRPA SZ EP C 1351 05.33

October 16 2012 Hour: 15:10:59.0 Lat: 39.74°N Lon: 15.59°E M: 4.8 Depth: 270 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP 1512 54.47

LTVH SZ EP 1513 12.29

MORH SZ EP C 1512 38.12

PSZ SZ EP C 1513 02.06

TRPA SZ EP C 1513 14.91

MORH SN Sn 1513 55.29

PSZ SN Sn 1514 34.19

SOP SN Sn 1514 17.76

TRPA SN Sn 1515 03.70

BUD XN Sn 1514 16.08

LTVH SN Sn 1514 29.49

BEHE SN Sn 1513 53.95

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SOP SZ EP C 1512 52.86
BEHE SZ EP C 1512 37.88

October 16 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XN ESg 2054 37.77

October 17 2012 Hour: 04:29:28.0 Lat: 45.08°N Lon: 16.4°E M: 2.6 Depth: 4 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 0429 55.61
MORH SZ EPn 0430 03.14
BEHE SN Sn 0430 13.23
MORH SN Sn 0430 26.08

October 17 2012 Hour: 04:42:31.0 Lat: 4.13°N Lon: 124.64°E M: 6.1 Depth: 342 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 0455 31.91
BEHE SZ EP 0455 32.90
MORH SZ EP D 0455 27.95
PSZ SZ EP D 0455 22.74
SOP SZ EP 0455 31.91
TRPA SZ EP D 0455 14.32
LTVH SZ EP D 0455 17.94
MORH SN ES 0506 20.81
PSZ SE ES 0506 26.20

October 17 2012 Hour: 17:23:43.0 Lat: 18.95°S Lon: 174.15°W M: 5.5 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 1743 31.35
BUD XZ EP 1743 37.77
LTVH SZ EP 1743 31.18
MORH SZ EP 1743 33.55
PSZ SZ EP 1743 26.79
SOP SZ EP 1743 35.07
TRPA SZ EP 1743 26.79

October 18 2012 Hour: 01:27:15.0 Lat: 54.32°S Lon: 143.99°E M: 5.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 0146 54.92
BUD XZ EP 0146 53.34
LTVH SZ EP 0146 50.57
MORH SZ EP D 0146 50.77
PSZ SZ EP 0146 51.56
SOP SZ EP 0146 58.88
TRPA SZ EP D 0146 41.86

October 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPg 0953 04.37
MORH SN ESg 0953 08.15

October 19 2012 Hour: 00:20:39.0 Lat: 51.55°N Lon: 16.12°E M: 3.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 0022 02.73
 SOP SZ EPn 0021 38.95
 SOP SN Sn 0022 27.03
 MORH SN Sn 0023 08.89

October 19 2012 Hour: 03:35:11.0 Lat: 32.48°N Lon: 30.94°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 0339 06.59
 SOP SZ EP 0339 29.68
 PSZ SZ EP D 0339 17.85
 MORH SZ EP 0339 07.37
 LTVH SZ EP 0339 05.23
 BUD XZ EP 0339 17.07
 BEHE SZ EP 0339 17.26
 TRPA SN ES 0342 18.13
 SOP SN ES 0343 01.81
 PSZ SN ES 0342 34.59
 MORH SN ES 0342 17.50
 BUD XN ES 0342 31.74
 BEHE SN ES 0342 37.75

October 19 2012 Hour: 15:34:05.0 Lat: 30.71°S Lon: 176.81°W M: 5.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 1554 32.14
 SOP SZ EP D 1554 45.92
 PSZ SZ EP 1554 39.03
 MORH SZ EP D 1554 46.04
 LTVH SZ EP 1554 36.42
 BUD XZ EP 1554 42.24

October 19 2012 Hour: 17:19:19.0 Lat: 32.69°N Lon: 141.67°E M: 4.9 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 1731 52.40
 TRPA SZ EP 1731 43.78
 SOP SZ EP 1731 57.04
 LTVH SZ EP 1731 55.32
 BEHE SZ EP 1731 59.42
 MORH SZ EP 1732 01.54

October 19 2012 Hour: 17:22:03.0 Lat: 21.06°S Lon: 176.58°E M: 5.1 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1741 43.88
 BUD XZ EP 1741 45.29
 LTVH SZ EP 1741 40.36
 MORH SZ EP 1741 43.53
 SOP SZ EP 1741 46.35
 TRPA SZ EP D 1741 37.54
 PSZ SZ EP 1741 40.85

October 20 2012 Hour: 01:12:34.0 Lat: 49.95°N Lon: 18.42°E M: 2.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 0113 27.39
 MORH SN Sn 0114 17.65

TRPA	SN	Sn	0114	06.50
SOP	SN	ESg	0113	52.34
SOP	SN	Sn	0113	49.28
PSZ	SN	Sn	0113	41.52
PSZ	SZ	EPn	0113	10.88
TRPA	SZ	EPn	0113	16.09
TRPA	SZ	EPg	0113	22.98
SOP	SZ	EPn	0113	14.22
SOP	SZ	EPg	0113	26.45

October 20 2012 Hour: 19:54:05.0 Lat: 44.50°N Lon: 21.72°E M: 3.4 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn		1954			48.91									
LTVH	SZ	EPn		1954			55.66									
BUD	XZ	EPn		1954			59.36									
BEHE	SZ	EPn		1955			07.56									
LTVH	SN	Sn		1955			23.64									
MORH	SN	Sn		1955			18.82									
PSZ	SN	Sn		1955			40.85									
TRPA	SN	Sn		1955			42.46									
BEHE	SN	Sn		1955			50.82									
BUD	XN	Sn		1955			39.59									
SOP	SN	Sn		1956			09.14									
TRPA	SZ	EPn		1955			01.51									
PSZ	SZ	EPn		1955			01.45									
SOP	SZ	EPn		1955			17.31									

October 20 2012 Hour: 23:00:33.0 Lat: 13.50°S Lon: 166.63°E M: 6.2 Depth: 40 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EP		2319			49.19									
SOP	SZ	ES		2334			57.25									
PSZ	SZ	EP	C	2319			44.43									
PSZ	SZ	ES		2334			45.98									
MORH	SZ	EP		2319			49.19									
MORH	SZ	ES		2334			31.90									
LTVH	SZ	EP		2319			42.53									
LTVH	SZ	ES		2334			51.62									
BUD	XZ	EP		2319			46.33									
BUD	XZ	ES		2335			53.59									
BEHE	SZ	EP		2319			52.04									
BEHE	SZ	ES		2334			51.62									
TRPA	SZ	EP		2319			41.57									
TRPA	SZ	ES		2334			45.98									

October 21 2012 Hour: 00:10:34.0 Lat: 66.32°N Lon: 18.82°W M: 5.3 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP		0016			19.24									
TRPA	SZ	EP		0016			26.30									
PSZ	SN	ES		0021			06.20									
TRPA	SN	ES		0021			23.21									

October 21 2012 Hour: 01:25:22.0 Lat: 66.28°N Lon: 18.88°W M: 5.6 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
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TRPA SZ EP	D	0131	12.11
TRPA SZ ES		0136	04.62
SOP SZ EP	D	0130	55.18
SOP SZ ES		0135	46.80
PSZ SZ EP	D	0131	05.00
PSZ SZ ES		0136	05.51
MORH SZ EP	D	0131	13.12
MORH SZ ES		0136	42.05
LTVH SZ EP	D	0131	14.14
LTVH SZ ES		0136	17.99
BUD XZ EP		0131	05.67
BUD XZ ES		0136	06.40
BEHE SZ EP		0131	06.01
BEHE SZ ES		0136	17.10

October 21 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP SZ EPn		0333		30.43									
SOP SN ESg		0334		23.75									

October 21 2012 Hour: 04:43:31.0 Lat: 40.70°N Lon: 23.26°E M: 3.6 Depth: 9 km

STAT SP IPHASW D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH SZ EPn		0445		05.81									
MORH SN Sn		0446		14.94									

October 23 2012 Hour: 00:37:09.0 Lat: 39.73°N Lon: 143.16°E M: 5.0 Depth: 30 km

STAT SP IPHASW D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP SZ EP	C	0049		21.12									
PSZ SZ EP	C	0049		12.13									
MORH SZ EP	C	0049		21.44									
PSZ SN EPP		0051		38.02									
PSZ SN ES		0059		42.11									
SOP SN EPP		0052		18.59									
SOP SN ES		0059		30.84									

October 23 2012 Hour: 08:53:39.0 Lat: 29.11°N Lon: 139.20°E M: 6.0 Depth: 446 km

STAT SP IPHASW D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA SZ EP	D	0905		23.47									
TRPA SZ EPP		0908		47.88									
SOP SZ EP	D	0905		39.79									
SOP SZ EPP		0909		12.40									
TRPA SN ES		0915		09.75									
PSZ SN ES		0915		25.65									
MORH SN ES		0915		39.04									
LTVH SZ EP		0905		27.05									
LTVH SZ ES		0915		36.53									
SOP SN ES		0915		35.70									
SOP SN ESS		0921		40.63									
PSZ SZ EP	D	0905		30.83									
PSZ SZ ESS		0921		56.53									
MORH SZ EP	D	0905		39.00									
MORH SZ EPP		0909		05.22									
MORH SZ ESS		0922		13.27									

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BUD XZ EP 0905 34.02
BUD XZ ES 0915 24.81
BUD XZ ESS 0921 59.88
BEHE SZ EP D 0905 43.37
BEHE SZ EPP 0909 14.79
BEHE SZ ES 0915 46.58
BEHE SZ ESS 0921 57.37

October 23 2012 Hour: 09:39:30.0 Lat: 22.31°S Lon: 171.74°E M: 5.9 Depth: 120 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP C 0958 56.08
BEHE SZ IP 0953 07.01
BUD XZ EP C 0958 55.74
BUD XZ IP 0953 03.63
LTVH SZ EP C 0958 53.10
LTVH SZ IP 0953 05.65
MORH SZ EP 0958 57.07
MORH SZ IP 0953 03.63
PSZ SZ EP C 0958 55.74
PSZ SZ IP 0953 06.33
SOP SZ EP C 0958 59.71
SOP SZ IP 0953 09.04
TRPA SZ EP C 0958 50.12
TRPA SZ IP 0953 02.95

October 23 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 1113 20.18
MORH SN Sn 1113 32.87

October 23 2012 Hour: 15:20:44.0 Lat: 38.97°N Lon: 20.62°E M: 4.8 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 1522 30.09
MORH SN Sn 1523 49.22
PSZ SN Sn 1524 32.74
PSZ SZ EPn 1522 53.24

October 23 2012 Hour: 22:21:31.9 Lat: 36.97°N Lon: 145.81°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
LTVH SZ EP C 2234 02.13
BUD XZ EP 2234 03.69
BEHE SZ EP 2234 06.80
MORH SZ EP 2234 06.11
PSZ SZ EP 2234 01.96
SOP SZ EP D 2234 05.59
TRPA SZ EP D 2233 59.37

October 24 2012 Hour: 00:45:34.0 Lat: 10.19°N Lon: 85.25°W M: 6.4 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SE ES 0109 20.44
LTVH SN ES 0109 34.78
BUD XN ES 0109 23.45
PSZ SZ EP C 0058 42.62

PSZ	SZ	EPP	0102	18.24
TRPA	SN	ES	0111	17.33
TRPA	SN	ESS	0116	17.91
SOP	SN	ES	0110	39.58
SOP	SN	ESS	0115	37.21
BUD	XE	ESS	0115	56.68
BEHE	SN	ES	0109	15.77
BEHE	SN	ESS	0115	37.21
MORH	SE	ES	0109	20.62
PSZ	SN	ESS	0116	05.06
TRPA	SZ	EP	C 0058	47.10
TRPA	SZ	EPP	0102	36.79
SOP	SZ	EP	C 0058	33.10
SOP	SZ	EPP	0102	12.35
MORH	SZ	EP	C 0058	40.05
MORH	SZ	EPP	0102	18.24
MORH	SZ	ESS	0116	07.30
LTVH	SZ	EP	C 0058	48.59
BUD	XZ	EP	0058	40.64
BUD	XZ	EPP	0102	13.26
BEHE	SZ	EP	C 0058	34.59
BEHE	SZ	EPP	0102	05.57

October 24 2012 Hour: 16:24:11.0 Lat: 50.08°N Lon: 18.44°E M: 3.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 1624 51.13

PSZ SN Sn 1625 21.44

October 24 2012 Hour: 17:56:01.0 Lat: 17.90°N Lon: 81.72°W M: 5.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP C 1808 22.65

BUD XZ EP 1808 27.38

PSZ SZ EP C 1808 31.37

SOP SZ EP C 1808 20.40

October 25 2012 Hour: 10:32:27.0 Lat: 38.33°N Lon: 141.84°E M: 5.6 Depth: 50 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP C 1044 43.32

LTVH SZ EP 1044 44.27

PSZ SZ EP C 1044 30.96

SOP SZ EP C 1044 39.90

MORH SZ EP C 1044 39.33

TRPA SZ EP C 1044 23.04

BUD XZ EP C 1044 34.12

October 25 2012 Hour: 18:40:37.0 Lat: 19.85°S Lon: 178.13°W M: 5.5 Depth: 577 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1859 23.35

BUD XZ EP D 1859 19.87

LTVH SZ EP 1859 17.92

MORH SZ EP D 1859 22.51

PSZ SZ EP 1859 18.47

TRPA SZ EP D 1859 15.27

SOP SZ EP 1859 21.95

October 25 2012 Hour: 22:45:20.0 Lat: 51.36°N Lon: 15.86°E M: 4.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 2246 27.77

MORH SN Sn 2247 47.74

PSZ SN Sn 2247 19.23

MORH SZ EPn 2246 41.11

October 25 2012 Hour: 23:05:36.0 Lat: 39.88°N Lon: 16.03°E M: 5.3 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EPn 2307 02.99

BUD XZ EPn 2307 20.55

LTVH SZ EPn 2307 31.13

MORH SZ EPn 2307 02.47

MORH SN Sn 2308 25.72

SOP SN Sn 2308 46.44

TRPA SN Sn 2309 41.23

PSZ SN Sn 2309 16.83

BUD XN Sn 2308 55.19

LTVH SN Sn 2309 58.73

BEHE SN Sn 2308 22.96

TRPA SZ EPn D 2307 44.48

SOP SZ EPn D 2307 19.34

PSZ SZ EPn 2307 28.28

October 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 1208 02.59

PSZ SN Sn 1208 08.00

October 26 2012 Hour: 22:31:20.0 Lat: 38.41°N Lon: 46.85°E M: 4.5 Depth: 20 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 2236 16.78

SOP SZ EP 2236 31.45

PSZ SZ EP 2236 12.64

October 26 2012 Hour: 23:16:45.0 Lat: 38.96°N Lon: 22.89°E M: 4.5 Depth: 17 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 2318 50.23

PSZ SZ EP 2318 59.94

SOP SZ EP 2319 09.37

TRPA SZ EP 2318 59.80

LTVH SZ EP 2318 49.39

LTVH SZ EPn 2318 48.10

October 27 2012 Hour: 09:32:31.0 Lat: 9.88°N Lon: 57.05°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EP C 0941 36.32

MORH SZ EP 0941 33.55

TRPA SZ EP 0941 10.06

October 27 2012 Hour: 15:46:27.0 Lat: 10.42°N Lon: 126.83°E M: 5.2 Depth: 29 km

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STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP		1559	31.74											
TRPA	SZ	EP		1559	32.16											

October 27 2012 Hour: 20:13:03.0 Lat: 6.17°S Lon: 151.68°E M: 5.3 Depth: 40 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EP	C	2034	31.20											
LTVH	SZ	EP		2034	26.94											
MORH	SZ	EP	C	2034	34.88											
PSZ	SZ	EP		2034	31.76											
SOP	SZ	EP	C	2034	35.73											

October 28 2012 Hour: 02:43:10.0 Lat: 10.58°N Lon: 126.84°E M: 5.4 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	IP		0315	50.41											
PSZ	SZ	IS		0325	54.79											
PSZ	SZ	EP		0256	23.21											
LTVH	SZ	IP		0315	57.56											
LTVH	SZ	IS		0326	25.18											
LTVH	SZ	EP		0256	15.75											
TRPA	SZ	IP		0316	04.71											
TRPA	SZ	IS		0326	01.94											
TRPA	SZ	EP		0256	22.28											
SOP	SZ	IP		0315	53.98											
SOP	SZ	IS		0326	00.15											
SOP	SZ	EP		0256	35.35											
MORH	SZ	IP		0316	06.50											
MORH	SZ	ES		0326	14.46											
MORH	SZ	EP		0256	31.10											
BUD	XZ	IP		0316	26.17											
BUD	XZ	IS		0326	21.61											
BUD	XZ	EP	D	0256	28.74											
BEHE	SZ	IP		0316	04.71											
BEHE	SZ	IS		0326	28.76											
BEHE	SZ	EP		0256	35.94											

October 28 2012 Hour: 03:04:08.0 Lat: 52.62°N Lon: 132.17°W M: 7.7 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
SOP	SZ	EP		0315	58.31											
PSZ	SZ	EP		0315	59.88											
PSZ	SZ	EPP		0319	15.82											
MORH	SZ	EP		0316	08.28											
MORH	SZ	EPP		0319	17.37											
LTVH	SZ	EP		0316	03.03											
LTVH	SZ	EPP		0319	19.68											
BUD	XZ	EP		0316	04.61											
BUD	XZ	EPP		0319	14.28											
BEHE	SZ	EP		0316	03.03											
BEHE	SZ	EPP		0319	22.76											
TRPA	SN	ES		0326	14.06											
TRPA	SZ	EP		0316	01.46											
TRPA	SZ	EPP		0319	11.97											
TRPA	SZ	ESS		0331	23.28											

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SOP SN EPP 0319 08.12
 SOP SN ES 0326 24.40
 SOP SN ESS 0331 20.99
 PSZ SN ES 0326 18.66
 PSZ SN ESS 0331 37.08
 MORH SN ES 0326 34.75
 MORH SN ESS 0331 38.23
 LTVH SN ES 0326 27.85
 LTVH SN ESS 0331 39.38
 BUD XN ES 0326 23.25
 BUD XN ESS 0331 47.43
 BEHE SN ES 0326 25.55
 BEHE SN ESS 0331 39.38

October 28 2012 Hour: 04:25:25.0 Lat: 52.21°N Lon: 132.39°W M: 5.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0437 21.73
 TRPA SZ EP 0437 23.68

October 28 2012 Hour: 09:17:30.0 Lat: 52.24°N Lon: 132.01°W M: 5.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0929 23.70
 MORH SZ EP 0929 28.20

October 28 2012 Hour: 09:52:58.9 Lat: 52.89°N Lon: 131.73°W M: 4.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1004 16.03
 PSZ SZ EP 1004 45.14

October 28 2012 Hour: 10:45:50.0 Lat: 52.29°N Lon: 132.56°W M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 1057 51.22

October 28 2012 Hour: 18:54:21.0 Lat: 52.55°N Lon: 132.73°W M: 6.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EP 1906 20.53
 MORH SZ EP 1906 23.41
 PSZ SZ EP 1906 12.87
 SOP SZ EP 1906 08.41
 TRPA SZ EP 1906 15.11
 TRPA SN ES 1916 02.78
 PSZ SE ES 1916 07.08
 MORH SE ES 1916 24.26
 LTVH SE ES 1916 15.67
 TRPA SE ESS 1921 19.31
 SOP SN ES 1916 02.78
 SOP SN ESS 1921 09.79
 PSZ SN ESS 1921 05.57
 MORH SN ESS 1921 29.88
 LTVH SN ESS 1921 51.03

October 28 2012 Hour: 19:09:55.0 Lat: 52.29°N Lon: 132.19°W M: 5.5 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

LTVH SZ EP	1921 52.95
MORH SZ EP	1921 50.60
PSZ SZ EP	1921 46.68
SOP SZ EP	1921 22.74
TRPA SZ EP	1921 49.03
TRPA SN ES	1931 28.82
SOP SN ES	1931 19.74
PSZ SN ES	1931 27.00
MORH SN ES	1931 19.74
LTVH SN ES	1931 56.05

October 28 2012 Hour: 19:16:54.0 Lat: 52.61°N Lon: 132.51°W M: 5.2 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 1928 51.12

PSZ SZ EP D 1928 44.75

October 28 2012 Hour: 23:26:50.0 Lat: 52.68°N Lon: 132.70°W M: 4.9 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 2338 50.28

PSZ SZ EP 2338 43.53

October 29 2012 Hour: 02:22:44.0 Lat: 0.90°N Lon: 98.33°E M: 5.2 Depth: 53 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP D 0234 56.40

TRPA SZ EP 0234 47.02

MORH SZ EP D 0234 59.14

SOP SZ EP 0235 07.57

LTVH SZ EP 0234 49.89

October 29 2012 Hour: 11:13:26.0 Lat: 43.97°N Lon: 18.25°E M: 3.0 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EPn 1114 11.66

MORH SZ EPn 1114 03.73

PSZ SZ EPn 1114 27.17

PSZ SN Sn 1115 16.66

MORH SN Sn 1114 32.39

BEHE SN Sn 1114 45.23

October 29 2012 Hour: 15:29:52.0 Lat: 0.14°S Lon: 125.29°E M: 5.7 Depth: 54 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 1543 30.66

TRPA SZ EP 1543 25.26

October 30 2012 Hour: 02:49:02.0 Lat: 52.26°N Lon: 132.08°W M: 6.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 0301 03.40

MORH SZ ES 0311 03.00

PSZ SZ EP D 0300 50.81

PSZ SZ ES 0310 52.74

TRPA SZ EP 0300 53.51

TRPA SZ ES 0310 52.74

BUD XZ EP 0300 58.01

BUD XZ ES 0310 34.79

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BEHE SZ EP 0300 57.11
 BEHE SZ ES 0310 34.79
 TRPA SN EPP 0303 54.64
 SOP SZ EP 0300 50.81
 SOP SZ ES 0310 45.05
 SOP SZ EPP 0303 51.35
 LTVH SZ EP 0301 00.71
 LTVH SZ ES 0310 45.05
 LTVH SZ EPP 0303 58.14
 BEHE SE EPP C 0303 55.46
 TRPA SE ESS 0315 52.90
 SOP SN ESS 0315 47.70
 PSZ SN EPP 0303 51.35
 PSZ SN ESS 0315 51.17
 MORH SN EPP 0304 00.40
 MORH SN ESS 0316 13.68
 LTVH SN ESS 0315 57.23
 BUD XN EPP 0303 54.85
 BUD XN ESS 0315 53.77
 BEHE SN ESS 0315 22.59

October 30 2012 Hour: 04:40:15.0 Lat: 52.16°N Lon: 131.67°W M: 4.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0452 13.30
 MORH SZ EP 0452 13.30
 BEHE SZ EP 0452 12.72

October 30 2012 Hour: 10:59:33.0 Lat: 18.28°S Lon: 174.57°W M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 1119 18.67
 SOP SZ EP 1119 21.65
 PSZ SZ EP 1119 19.32
 MORH SZ EP 1119 21.65
 LTVH SZ EP 1119 20.35
 BUD XZ EP 1119 20.09
 BEHE SZ EP 1119 23.97

October 30 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg C 1454 59.98
 PSZ SN ESg 1455 03.15

October 30 2012 Hour: 20:09:23.0 Lat: 51.58°N Lon: 16.17°E M: 4.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2010 36.38
 PSZ SZ EPn 2010 31.44
 TRPA SZ EPn 2010 43.17
 SOP SZ EPn 2010 28.35
 MORH SZ EPn 2010 48.72
 BUD XE EPn D 2010 47.80
 BUD XZ EPn 2010 37.30
 SOP SN Sn 2011 17.43
 MORH SN Sn 2011 54.47

PSZ SN Sn 2011 23.21
 TRPA SN Sn 2011 48.31
 BUD XN Sn 2011 26.35
 BEHE SN Sn 2011 37.53
 LTVH SZ EPn 2010 47.53
 LTVH SN Sn 2011 45.96

October 31 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1352 05.66

November 01 2012 Hour: 06:33:37.0 Lat: 72.02°N Lon: 0.14°W M: 4.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0639 11.77

November 01 2012 Hour: 06:57:22.0 Lat: 49.41°N Lon: 155.55°E M: 5.3 Depth: 50 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP 0709 10.97
 MORH SZ EP 0709 12.30
 PSZ SZ EP 0709 08.71

November 01 2012 Hour: 09:51:04.0 Lat: 51.29°N Lon: 179.71°W M: 5.0 Depth: 56 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 1003 06.44

November 02 2012 Hour: 01:52:03.0 Lat: 55.87°N Lon: 162.85°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP 0202 14.71
 LTVH SZ EP C 0203 29.64
 MORH SZ EP 0203 21.49
 PSZ SZ EP 0203 29.02
 SOP SZ EP D 0203 23.53
 BEHE SZ EP C 0203 40.62

November 02 2012 Hour: 01:52:03.0 Lat: 55.87°N Lon: 162.85°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 0203 33.48

November 02 2012 Hour: 18:17:36.0 Lat: 9.33°N Lon: 126.29°E M: 6.0 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 1830 45.84
 BEHE SE ES 1841 51.25
 LTVH SN ES 1843 08.12
 MORH SN ES 1841 53.00
 PSZ SN ES 1841 46.01
 SOP SN ES 1842 05.22
 TRPA SN ES 1841 32.03
 BEHE SZ EP C 1830 58.03
 LTVH SZ EP C 1830 41.43
 MORH SZ EP C 1830 52.67
 SOP SZ EP C 1830 55.09
 TRPA SZ EP C 1830 38.50

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November 02 2012 Hour: 18:17:36.0 Lat: 9.33°N Lon: 126.29°E M: 6.0 Depth: 60 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ IP C 1830 47.30

November 02 2012 Hour: 22:34:21.0 Lat: 38.03°N Lon: 141.33°E M: 5.1 Depth: 30 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 2246 19.87
PSZ SZ EP C 2246 27.41

November 03 2012 Hour: 11:12:24.0 Lat: 10.60°N Lon: 127.04°E M: 5.4 Depth: 60 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 1125 37.08
MORH SZ EP C 1125 39.65
PSZ SZ EP C 1125 44.16

November 03 2012 Hour: 12:58:12.0 Lat: 7.08°N Lon: 34.01°W M: 5.7 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 1308 15.52
PSZ SZ EP D 1308 25.24
SOP SZ EP C 1308 13.02
TRPA SZ EP 1308 35.71
MORH SN ES 1316 31.26
PSZ SN ES 1316 43.35
SOP SN ES 1316 15.15
TRPA SN ES 1317 04.31

November 03 2012 Hour: 20:49:10.0 Lat: 21.97°S Lon: 176.25°W M: 5.1 Depth: 100 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
LTVH SZ EP 2108 52.10
MORH SZ EP 2108 55.27
PSZ SZ EP 2108 52.10
SOP SZ EP 2108 54.84
TRPA SZ EP C 2108 49.35

November 03 2012 Hour: 20:49:10.0 Lat: 21.97°S Lon: 176.25°W M: 5.1 Depth: 100 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 2107 10.39

November 04 2012 Hour: 12:13:02.0 Lat: 22.25°S Lon: 171.48°E M: 5.1 Depth: 100 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
LTVH SZ EP C 1232 25.37
MORH SZ EP C 1232 32.39
PSZ SZ EP C 1232 27.51
SOP SZ EP 1232 33.31
TRPA SZ EP C 1232 23.23

November 04 2012 Hour: 12:13:02.0 Lat: 22.25°S Lon: 171.48°E M: 5.1 Depth: 100 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 1231 18.52

November 04 2012 Hour: 12:27:36.0 Lat: 52.34°N Lon: 132.02°W M: 5.0 Depth: 10 km
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 1239 40.23

PSZ SZ EP 1239 37.63
 PSZ SZ E 1239 41.96

November 05 2012 Hour: 00:29:58.0 Lat: 0.05°S Lon: 125.33°E M: 5.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 0037 19.97
 SOP SZ EP 0037 25.07
 MORH SZ EP 0037 15.39
 LTVH SZ EP 0037 22.52

November 05 2012 Hour: 04:30:25.0 Lat: 37.84°N Lon: 143.64°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

LTVH SZ EP 0442 49.30
 MORH SZ EP D 0442 49.68
 SOP SZ EP D 0442 48.91
 TRPA SZ EP D 0442 32.46
 PSZ SZ EP D 0442 41.13

November 05 2012 Hour: 04:30:25.0 Lat: 37.84°N Lon: 143.64°E M: 5.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP D 0442 43.74

November 06 2012 Hour: 03:36:18.0 Lat: 21.46°S Lon: 178.70°W M: 4.9 Depth: 473 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP 0352 42.42

November 06 2012 Hour: 03:36:18.0 Lat: 21.46°S Lon: 178.70°W M: 4.9 Depth: 473 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

LTVH SZ EP D 0355 12.10
 MORH SZ EP D 0355 16.68
 PSZ SZ EP D 0355 12.62
 SOP SZ EP D 0355 16.16
 TRPA SZ EP D 0355 09.21

November 06 2012 Hour: 06:17:29.4 Lat: 10.10°N Lon: 57.21°E M: 5.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

LTVH SE ES 0633 15.11
 LTVH SZ EP C 0626 05.85
 PSZ SZ EP 0626 13.90
 SOP SZ EP 0626 27.10
 TRPA SZ EP 0626 05.85
 LTVH SN EPP 0627 55.92
 MORH SE ES 0633 16.32
 MORH SE EPP 0628 05.99
 PSZ SE EPP 0628 09.77
 TRPA SN EPP 0627 58.44
 MORH SZ EP D 0626 11.97
 MORH SZ ESS 0636 50.58
 PSZ SN ES 0633 16.32
 PSZ SN ESS 0636 55.01
 SOP SN ES 0633 40.37
 SOP SN EPP 0628 26.78
 SOP SN ESS 0637 11.98

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

TRPA SE ES 0633 03.09
TRPA SE ESS 0636 38.77

November 06 2012 Hour: 06:17:29.4 Lat: 10.10°N Lon: 57.21°E M: 5.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 0626 16.28
BUD XZ EPP 0628 13.59

November 07 2012 Hour: 06:26:32.0 Lat: 38.48°N Lon: 46.62°E M: 5.5 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 0631 27.49
PSZ SZ EP 0631 23.06
SOP SZ EP 0631 44.23
TRPA SZ EP 0631 05.17
TRPA SN ES 0634 53.63
SOP SN ES 0636 00.44
PSZ SN ES 0635 20.29
MORH SN ES 0635 31.72
LTVH SE ES 0635 15.31
LTVH SZ EP C 0631 07.77

November 07 2012 Hour: 06:26:32.0 Lat: 38.48°N Lon: 46.62°E M: 5.5 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP C 0631 27.94

November 07 2012 Hour: 16:35:48.0 Lat: 14.06°N Lon: 91.79°W M: 7.3 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ IP C 1648 58.28
BUD XZ EPP 1652 37.04
BUD XN IS 1659 36.83
BUD XN ESS 1706 13.22

November 07 2012 Hour: 16:35:48.0 Lat: 14.06°N Lon: 91.79°W M: 7.3 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SN ES 1659 28.31
MORH SE ES 1659 30.54
LTVH SN ES 1659 45.05
PSZ SN ES 1659 32.77
SOP SN ES 1659 22.73
TRPA SN ES 1659 41.70
SOP SZ IP C 1648 52.71
SOP SZ EPP 1652 23.23
PSZ SZ IP C 1649 04.00
PSZ SZ EPP 1652 38.86
MORH SZ IP C 1649 03.10
MORH SZ EPP 1652 37.66
LTVH SZ IP 1649 10.55
LTVH SZ EPP 1652 53.29
BEHE SZ IP C 1648 54.74
BEHE SZ EPP 1652 40.06
TRPA SZ IP 1649 08.44
TRPA SZ EPP 1652 55.83

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

November 08 2012 Hour: 02:01:50.0 Lat: 49.23°N Lon: 128.46°W M: 6.2 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ IP 0214 04.46
 BUD XN IS 0224 00.84

November 08 2012 Hour: 02:01:50.0 Lat: 49.23°N Lon: 128.46°W M: 6.2 Depth: 10 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 0214 00.39
 SOP SZ EP D 0213 55.33
 TRPA SZ EP D 0214 03.11
 MORH SZ EP D 0214 02.75
 TRPA SN ES 0223 57.53
 SOP SN ES 0223 55.54
 PSZ SN ES 0223 55.54
 MORH SN ES 0224 16.43
 LTVH SN ES 0224 14.44
 BEHE SN ES D 0224 02.50
 PSZ SZ EP 0213 56.67
 LTVH SZ EP 0214 01.86

November 09 2012 Hour: 03:51:57.0 Lat: 36.85°N Lon: 141.39°E M: 5.1 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD BZ EP C 0404 18.89
 MORH SZ EP C 0404 21.15
 SOP SZ EP C 0404 21.16
 PSZ SZ EP 0404 12.28

November 09 2012 Hour: 19:59:43.0 Lat: 0.89°N Lon: 97.41°E M: 5.3 Depth: 2 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 2012 02.47
 PSZ SZ EP 2011 54.20
 TRPA SZ EP D 2012 00.92

November 10 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN Sn 0542 41.99
 PSZ SZ EPn 0542 14.14
 PSZ SZ EPg 0542 19.87

November 10 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN ESg 0813 14.77
 PSZ SZ EPg 0813 12.12

November 10 2012 Hour: 14:57:47.0 Lat: 8.89°S Lon: 75.15°W M: 6.0 Depth: 100 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP D 1511 18.34
 MORH SZ EP D 1511 16.75
 STA BZ EP D 1511 15.17
 LTVH SZ EP 1511 27.10
 PSZ SZ EP D 1511 21.60
 BEHE SZ EP D 1511 11.72

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

November 11 2012 Hour: 01:12:38.0 Lat: 23.07°N Lon: 96.05°E M: 6.8 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		0123	25.22											
BUD	XZ	EP		0123	17.96											
LTVH	SZ	EP		0123	05.68											
MORH	SZ	EP		0123	17.40											
PSZ	SZ	EP		0123	11.26											
STA	BZ	EP		0123	21.31											
STA	BN	ES		0132	12.19											
PSZ	SN	ES		0131	52.19											
MORH	SN	ES		0132	00.76											
LTVH	SN	ES		0131	49.33											
BUD	XN	ES		0131	55.04											
BEHE	SN	ES		0132	22.20											
MORH	SE	ESS		0137	33.73											
STA	BE	ESS		0137	32.30											
BUD	XE	ESS	C	0137	38.02											
BEHE	SE	ESS		0137	26.59											

November 11 2012 Hour: 18:19:42.0 Lat: 23.23°N Lon: 95.89°E M: 5.5 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EP		1830	18.81											
LTVH	SZ	EP		1830	07.42											
MORH	SZ	EP	C	1830	21.16											
PSZ	SZ	EP		1830	17.36											
SOP	SZ	EP		1830	30.74											
STA	BZ	EP		1830	24.23											
TRPA	SZ	EP	C	1830	03.26											
BEHE	SZ	EP		1830	29.66											

November 11 2012 Hour: 18:39:24.0 Lat: 29.57°N Lon: 81.60°E M: 5.0 Depth: 40 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		1848	23.08											
TRPA	SZ	EP		1848	03.09											

November 11 2012 Hour: 22:15:01.0 Lat: 14.23°N Lon: 92.13°W M: 6.4 Depth: 30 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	IP	D	2228	21.56											

November 11 2012 Hour: 23:16:42.0 Lat: 49.42°N Lon: 155.31°E M: 5.1 Depth: 51 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		2328	30.98											
SOP	SZ	EP		2328	30.03											
TRPA	SZ	EP		2328	15.87											

November 11 2012 Hour: 23:45:02.0 Lat: 40.51°N Lon: 21.29°E M: 3.4 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn		2346	32.18											
MORH	SE	Sn		2347	38.68											

November 12 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg		1056	03.87											

PSZ SN ESg 1056 09.04

November 12 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EPg 1120 25.73

SOP SN ESg 1120 26.70

November 12 2012 Hour: 11:15:10.0 Lat: 29.78 °N Lon: 137.94°E M: 5.6 Depth: 509 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP D 1126 58.03

PSZ SZ EP D 1126 50.00

SOP SZ EP D 1126 58.44

TRPA SZ EP D 1126 42.79

November 12 2012 Hour: 14:47:42.0 Lat: 24.24°S Lon: 178.84°E M: 5.7 Depth: 564 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1506 36.82

BUD XZ EP 1506 33.92

LTVH SZ EP 1506 31.60

MORH SZ EP 1506 34.69

PSZ SZ EP 1506 31.79

SOP SZ EP 1506 35.08

STA BZ EP 1506 36.62

TRPA SZ EP 1506 29.86

November 12 2012 Hour: 14:58:10.3 Lat: 17.65°S Lon: 172.64°W M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1517 58.21

BUD XZ EP 1517 57.27

LTVH SZ EP 1517 57.27

MORH SZ EP 1517 58.97

PSZ SZ EP C 1517 55.76

SOP SZ EP 1517 57.84

TRPA SZ EP D 1517 55.10

November 12 2012 Hour: 20:42:13.0 Lat: 57.78°N Lon: 142.78°W M: 6.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ EP D 2053 51.52

LTVH SZ EP D 2053 53.65

MORH SZ EP D 2053 57.92

PSZ SZ EP D 2053 49.38

SOP SZ EP D 2053 47.96

STA BZ EP D 2053 53.65

TRPA SZ EP D 2053 49.03

BEHE SZ EP D 2053 55.31

BEHE SZ ES 2103 35.91

BUD XN ES 2103 31.94

LTVH SE ES 2103 30.95

PSZ SN ES 2103 21.03

SOP SN ES 2103 16.07

STA BN ES D 2103 27.97

TRPA SN ES D 2103 20.04

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

November 12 2012 Hour: 23:18:42.0 Lat: 42.54°N Lon: 19.07°E M: 4.5 Depth: 18 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPn		2320	02.61											
BUD	XN	Sn		2320	53.15											
LTVH	SN	Sn		2321	41.34											
MORH	SN	Sn		2320	25.03											
PSZ	SN	Sn		2321	01.18											
SOP	SN	Sn		2321	03.86											
STA	BZ	EPn		2319	50.41											
SOP	SZ	EPn		2320	04.91											
MORH	SZ	EPn		2319	39.54											
BUD	XZ	EPn		2319	56.65											
LTVH	SZ	EPn		2320	01.70											
BEHE	SZ	EPn		2319	48.72											
TRPA	SE	Sn		2321	20.24											
STA	BN	Sn		2320	42.53											
PSZ	SE	Sn		2321	03.29											
MORH	SE	Sn		2320	22.72											
BEHE	SN	Sn		2320	38.34											
TRPA	SZ	EPn		2320	12.63											

November 12 2012 Hour: 23:28:51.0 Lat: 40.70°N Lon: 19.69°E M: 3.6 Depth: 4 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SN	Sn		2331	17.52											
MORH	SZ	EPn	D	2330	16.65											

November 12 2012 Hour: 23:50:29.0 Lat: 42.54°N Lon: 19.07°E M: 2.8 Depth: 19 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SN	Sn		2352	09.23											
PSZ	SN	Sn		2352	54.05											
MORH	SZ	EPn	D	2351	26.91											
PSZ	SZ	EPn		2351	50.78											

November 13 2012 Hour: 04:55:47.0 Lat: 52.85°N Lon: 132.04°W M: 5.3 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		0507	45.82											
PSZ	SZ	EP	C	0507	39.74											
SOP	SZ	EP		0507	56.46											
TRPA	SZ	EP	C	0507	40.50											

November 13 2012 Hour: 06:21:33.0 Lat: 29.86°N Lon: 42.85°W M: 5.2 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		0630	25.23											

November 13 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP		0955	45.39											

November 13 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPg		1022	52.83											
MORH	SN	ESg		1022	58.88											

November 13 2012 Hour: 23:24:10.0 Lat: 42.55°N Lon: 19.02°E M: 4.6 Depth: 17 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		2325	15.46											
PSZ	SZ	EPn		2325	30.30											
BEHE	SN	Sn		2326	07.56											
BUD	XN	Sn		2326	18.11											
LTVH	SE	Sn		2326	25.37											
MORH	SN	Sn		2325	48.77											
PSZ	SE	Sn		2326	31.30											
STA	BZ	EPn		2325	17.83											
TRPA	SZ	EPn		2325	39.96											
SOP	SZ	EPn		2325	31.51											
MORH	SZ	EPn		2325	06.74											
LTVH	SZ	EPn		2325	29.23											
BUD	XZ	EPn		2325	24.45											
SOP	SN	Sn		2326	31.06											
STA	BN	Sn		2326	06.80											
TRPA	SN	Sn	D	2326	46.57											

November 13 2012 Hour: 23:24:10.0 Lat: 42.55°N Lon: 19.02°E M: 4.6 Depth: 17 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BUD	XZ	EPn	C	2325	24.26											
BUD	XN	Sn		2326	18.17											
BUD	XN	ESg		2326	54.20											

November 13 2012 Hour: 23:23:48.0 Lat: 21.11°S Lon: 175.85°W M: 5.5 Depth: 25 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
LTVH	SZ	EP		2343	35.61											
MORH	SZ	EP		2343	33.42											
PSZ	SZ	EP		2343	36.61											
SOP	SZ	EP		2343	35.61											
TRPA	SZ	EP		2343	34.22											

November 13 2012 Hour: 23:43:35.0 Lat: 51.69°N Lon: 176.94°E M: 4.6 Depth: 54 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		2358	16.08											
PSZ	SZ	EP		2358	26.45											
TRPA	SZ	EP		2358	22.85											

November 14 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SN	Sn		0223	52.55											
BEHE	SN	Sn		0223	55.15											
STA	BN	Sn		0224	07.36											
BEHE	SZ	EPn		0223	25.71											
BEHE	SZ	ESg		0223	36.84											
MORH	SZ	EPn		0223	24.62											
MORH	SZ	ESg		0223	32.54											
STA	BZ	EPn		0223	32.98											
STA	BZ	ESg		0223	41.54											

November 14 2012 Hour: 07:41:54.0 Lat: 20.64°S Lon: 174.03°W M: 5.0 Depth: 15 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
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CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

MORH SZ EP 0801 55.10

November 14 2012 Hour: 07:41:54.0 Lat: 20.64°S Lon: 174.03°W M: 5.0 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 0801 50.30

PSZ SZ EP 0801 46.43

TRPA SZ EP C 0801 43.52

November 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPg 1012 32.73

MORH SN ESg 1012 36.82

November 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPg 1102 57.69

PSZ SN ESg 1103 00.50

November 14 2012 Hour: 19:02:05.0 Lat: 29.10°S Lon: 71.23°W M: 6.1 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1920 45.18

MORH SZ EP 1920 49.05

SOP SZ EP C 1920 57.49

TRPA SZ EP 1920 37.80

November 14 2012 Hour: 23:41:53.0 Lat: 5.89°S Lon: 151.53°E M: 5.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 2400 49.19

November 15 2012 Hour: 03:17:33.8 Lat: 47.83°N Lon: 16.16°E M: 2.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EPg C 0317 38.76

SOP SN ESg 0317 41.99

November 15 2012 Hour: 09:20:23.0 Lat: 18.48°N Lon: 100.29°W M: 6.0 Depth: 60 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

LTVH SZ EP D 0933 45.96

MORH SZ EP 0933 39.57

PSZ SZ EP 0933 40.15

SOP SZ EP C 0933 33.18

STA BZ EP C 0933 38.41

TRPA SN ES 0945 10.53

STA BN ES 0943 16.60

SOP SN ES 0944 14.96

PSZ SN ES D 0944 39.97

MORH SE ES 0944 13.57

LTVH SE ES 0944 33.02

BUD XE ES C 0944 14.96

BEHE SN ES 0944 30.24

TRPA SZ EP 0933 46.86

BUD XZ EP 0933 38.94

BEHE SZ EP 0933 35.23

November 15 2012 Hour: 11:22:23.0 Lat: 52.55°N Lon: 173.45°E M: 5.7 Depth: 30 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP		C	1134	26.49										
BUD	XZ	EP		C	1135	17.81										
LTVH	SZ	EP		C	1134	17.56										
MORH	SZ	EP		C	1134	25.19										
PSZ	SZ	EP		C	1134	16.08										
SOP	SZ	EP		C	1134	20.35										
STA	BZ	EP		C	1134	23.52										
TRPA	SZ	EP		C	1134	11.80										

November 15 2012 Hour: 21:44:02.0 Lat: 42.89°N Lon: 17.86°E M: 3.0 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn			2145	00.67										
MORH	SZ	EPn			2144	56.63										
BEHE	SN	Sn			2145	44.53										
MORH	SN	Sn			2145	36.45										
STA	BN	Sn			2145	51.71										
PSZ	SZ	EPn			2145	18.37										
PSZ	SN	Sn			2146	21.99										
STA	BZ	EPn		C	2145	04.77										

November 16 2012 Hour: 03:58:27.0 Lat: 38.56°N Lon: 46.73°E M: 4.7 Depth: 2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP			0402	57.63										
STA	BZ	EP			0403	30.09										
SOP	SZ	EP			0403	32.14										
PSZ	SZ	EP			0403	17.96										
MORH	SZ	EP			0403	24.42										
BUD	XZ	EP			0403	23.47										
BEHE	SZ	EP			0403	35.92										
LTVH	SZ	EP			0403	14.49										
LTVH	SZ	EPn			0403	09.41										

November 16 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPg			0500	28.36										
MORH	SN	ESg			0500	39.65										

November 16 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPg			0814	45.62										
MORH	SN	ESg			0814	51.96										

November 16 2012 Hour: 08:25:53.0 Lat: 35.35°N Lon: 141.17°E M: 5.3 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EP			0838	25.28										
BUD	XZ	EP			0838	17.32										
LTVH	SZ	EP			0838	19.36										
MORH	SZ	EP		D	0838	21.20										
PSZ	SZ	EP			0838	13.65										
SOP	SZ	EP			0838	22.42										
STA	BZ	EP			0838	22.42										

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TRPA SZ EP D 0838 05.09

November 16 2012 Hour: 16:40:17.0 Lat: 37.60 °N Lon: 72.10°E M: 5.5 Depth: 122 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 1647 40.41

SOP SZ EP D 1647 50.23

TRPA SZ EP C 1647 17.90

November 16 2012 Hour: 18:12:36.0 Lat: 49.36°N Lon: 155.39°E M: 6.5 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP C 1824 36.70

BUD XZ EP C 1824 28.33

LTVH SZ EP C 1824 23.30

MORH SZ EP C 1824 33.35

PSZ SZ EP C 1824 23.72

SOP SZ EP C 1824 32.10

STA BZ EP C 1824 32.93

TRPA SZ EP C 1824 17.02

BEHE SN IS 1834 23.35

BEHE SN ESS 1839 34.44

BUD XN IS 1834 13.98

BUD XN ESS 1839 08.20

LTVH SN IS 1833 59.92

LTVH SN ESS 1839 47.56

MORH SN IS 1834 23.35

MORH SN ESS 1839 46.62

PSZ SE IS 1834 07.42

PSZ SE ESS 1839 33.50

SOP SE IS 1834 15.85

SOP SE ESS 1839 29.75

STA BN IS 1834 08.35

STA BN ESS 1839 28.82

TRPA SN IS 1833 53.36

TRPA SN ESS 1839 28.82

November 16 2012 Hour: 20:57:37.0 Lat: 50.24°N Lon: 18.95°E M: 2.8 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SN ESg 2058 55.92

PSZ SZ EPg C 2058 23.34

PSZ SZ EPn 2058 17.85

November 17 2012 Hour: 05:12:55.0 Lat: 18.28°S Lon: 172.36°W M: 5.9 Depth: 0 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 0532 43.71

BUD XZ EP D 0532 45.68

LTVH SZ EP D 0532 45.35

PSZ SZ EP 0532 44.86

SOP SZ EP D 0532 47.00

STA BZ EP 0532 42.23

TRPA SZ EP D 0532 42.06

MORH SZ EP D 0532 43.38

November 17 2012 Hour: 16:37:39.0 Lat: 45.32°N Lon: 151.56°E M: 4.9 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TRPA SZ EP C 1649 26.84
 MORH SZ EP C 1649 42.62

November 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2022 35.52
 SOP SZ EPn 2022 51.95
 MORH SZ EPn 2022 32.28
 MORH SE Sn 2023 01.19
 BEHE SN Sn 2022 59.41

November 18 2012 Hour: 21:01:40.0 Lat: 42.23°N Lon: 20.03°E M: 2.8 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SE Sn 2103 33.16
 MORH SZ EPn 2102 42.58

November 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2124 11.40
 STA BZ EPn 2124 04.08
 MORH SN Sn 2124 39.95
 STA BN Sn 2124 35.38

November 19 2012 Hour: 09:44:34.0 Lat: 5.72°S Lon: 151.66°E M: 5.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP D 1003 29.95
 PSZ SZ EP D 1003 26.16
 SOP SZ EP D 1003 30.46
 STA BZ EP D 1003 21.36

November 19 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn D 1237 02.22
 MORH SN Sn 1237 16.67

November 19 2012 Hour: 17:54:09.0 Lat: 30.67°N Lon: 67.64°E M: 5.2 Depth: 15 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1801 52.06
 PSZ SZ EP 1801 43.43
 TRPA SZ EP D 1801 30.67

November 20 2012 Hour: 08:57:48.0 Lat: 43.77°N Lon: 21.63°E M: 3.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN Sn 0859 42.50
 MORH SN Sn 0859 17.96
 MORH SN ESg 0859 34.26
 MORH SZ EPn 0858 38.76
 STA BN Sn 0859 38.28
 STA BZ EPn 0858 50.83
 PSZ SZ EPn 0858 53.73

November 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPg 1001 20.62
MORH SN ESg 1001 26.78

November 20 2012 Hour: 16:23:53.0 Lat: 0.85°S Lon: 30.22°E M: 5.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP 1632 32.01
PSZ SZ EP 1632 40.56

November 20 2012 Hour: 16:52:48.0 Lat: 42.83°N Lon: 19.07°E M: 2.1 Depth: 8 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SE Sn 1654 22.34
MORH SZ EPn D 1653 42.25

November 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 2157 25.31
MORH SN Sn 2157 53.24

November 21 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 0423 26.89
PSZ SN Sn 0424 02.72
MORH SZ EPn 0423 43.81
MORH SN Sn 0424 30.97

November 21 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SN ESg 0949 37.18
MORH SZ EPg 0949 34.70

November 21 2012 Hour: 17:42:39.0 Lat: 38.55°N Lon: 141.72°E M: 5.0 Depth: 53 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1754 49.54
PSZ SZ EP C 1754 40.68
SOP SZ EP C 1754 49.74
TRPA SZ EP C 1754 33.04

November 22 2012 Hour: 02:39:18.0 Lat: 43.80°N Lon: 19.03°E M: 2.2 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SN Sn 0240 26.89
MORH SZ EPn D 0239 58.00

November 22 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 0352 16.69
PSZ SN Sn 0352 43.79
SOP SN Sn 0352 59.98
SOP SZ EPn 0352 25.10

November 22 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1102 25.56

November 22 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN ESg 1138 22.50
 MORH SZ EPg 1138 15.82

November 22 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 1138 50.22
 PSZ SN ESg 1138 53.51

November 22 2012 Hour: 13:07:10.0 Lat: 22.80°S Lon: 63.69°W M: 5.8 Depth: 524 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 1319 59.47
 MORH SZ EP D 1320 04.89
 SOP SZ EP D 1320 00.78

November 22 2012 Hour: 18:01:15.0 Lat: 4.59°S Lon: 102.77°E M: 5.2 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 1814 02.41
 TRPA SZ EP 1814 06.28
 BEHE SZ EP C 1814 10.14
 PSZ SZ EP C 1814 00.22

November 23 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 0010 20.68
 PSZ SN Sn 0010 33.53

November 23 2012 Hour: 20:21:28.0 Lat: 38.25°N Lon: 141.79°E M: 5.0 Depth: 48 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 2033 33.29
 SOP SZ EP 2033 40.40
 TRPA SZ EP D 2033 25.17
 MORH SZ EP 2033 40.52

November 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SN ESg 0732 48.83
 PSZ SZ EPg 0732 42.54

November 24 2012 Hour: 08:59:48.0 Lat: 35.55 °N Lon: 139.95°E M: 5.1 Depth: 80 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP 0911 52.58
 TRPA SZ EP C 0911 47.85
 MORH SZ EP C 0912 04.38
 PSZ SZ EP C 0911 55.65

November 24 2012 Hour: 11:52:29.0 Lat: 51.62°N Lon: 159.07°E M: 4.9 Depth: 88 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP 1204 11.12
 PSZ SZ EP C 1204 01.01
 SOP SZ EP 1204 16.48

November 24 2012 Hour: 16:04:30.0 Lat: 38.83°N Lon: 43.60°E M: 4.5 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 1609 03.25

PSZ SZ EP 1609 03.58

November 24 2012 Hour: 18:48:00.0 Lat: 21.49°S Lon: 178.88°W M: 4.8 Depth: 554 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1906 48.29

BUD XZ EP 1906 48.83

TRPA SZ EP D 1906 43.85

STA BZ EP D 1906 50.28

PSZ SZ EP D 1906 47.02

SOP SZ EP 1906 50.52

MORH SZ EP 1906 51.09

LTVH SZ EP 1906 46.61

November 24 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SN ESg 2204 33.87

PSZ SZ EPg 2204 31.10

November 25 2012 Hour: 02:43:55.0 Lat: 43.87°N Lon: 13.38°E M: 3.1 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 0245 06.73

SOP SZ EPn 0245 04.22

SOP SN Sn 0245 55.20

MORH SN Sn 0246 08.67

MORH SE Sn 0245 55.34

November 25 2012 Hour: 20:18:45.0 Lat: 40.92°N Lon: 21.09°E M: 3.6 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SN Sn 2021 46.83

MORH SN Sn 2021 14.08

MORH SZ EPn D 2020 07.19

PSZ SZ EPn 2020 28.35

November 26 2012 Hour: 05:33:49.0 Lat: 40.49°N Lon: 90.41°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 0542 59.01

BUD XZ EP 0542 53.73

MORH SZ EP C 0542 50.21

PSZ SZ EP 0542 40.41

SOP SZ EP C 0542 56.62

STA BZ EP C 0542 51.47

TRPA SZ EP 0542 51.85

LTVH SZ EP 0542 32.53

November 26 2012 Hour: 07:23:35.0 Lat: 10.57°N Lon: 126.85°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 0736 41.05

TRPA SZ EP 0736 41.53

November 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPn 1045 52.86
 PSZ SN Sn 1046 05.35

November 26 2012 Hour: 17:35:42.0 Lat: 36.58°N Lon: 27.95°E M: 4.7 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 1738 27.99
 PSZ SZ EPn 1738 45.52
 TRPA SZ EPn 1738 35.58
 MORH SN Sn 1740 41.20
 TRPA SE Sn 1740 28.33

November 26 2012 Hour: 22:05:17.0 Lat: 41.62°N Lon: 20.19°E M: 4.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EPn 2206 39.06
 BUD XZ EPn 2206 43.69
 LTVH SZ EPn 2206 44.80
 PSZ SZ EPn 2206 49.65
 TRPA SZ EPn 2206 55.39
 PSZ SN Sn 2208 01.39
 LTVH SN Sn 2207 49.25
 BUD XN Sn 2207 51.46
 BEHE SN Sn 2207 39.98
 STA BN Sn 2207 44.84
 TRPA SN Sn 2208 04.26
 MORH SN Sn 2207 20.95
 STA BZ EPn 2206 38.18
 STA BZ EP 2206 39.05
 MORH SZ EPn 2206 28.02
 MORH SZ EP D 2206 28.04

November 26 2012 Hour: 23:13:51.0 Lat: 13.94°N Lon: 93.57°E M: 5.0 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 LTVH SZ EP 2324 44.28
 MORH SZ EP C 2324 56.61
 PSZ SZ EP C 2324 51.91
 SOP SZ EP 2325 05.49
 TRPA SZ EP C 2324 40.87

November 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPg 0746 26.09
 MORH SN ESg 0746 32.14

November 27 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 1313 54.82
 MORH SN Sn 1314 09.67
 PSZ SN Sn 1314 10.63
 PSZ SZ EPn D 1313 52.26

November 27 2012 Hour: 14:42:14.0 Lat: 48.15°N Lon: 155.05°E M: 5.2 Depth: 30 km

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 1454 06.27
 LTVH SZ EP C 1454 01.59
 SOP SZ EP 1454 09.14
 PSZ SZ EP C 1454 02.49
 STA BZ EP C 1454 10.04
 BEHE SZ EP C 1454 15.08
 TRPA SZ EP C 1453 56.61
 MORH SZ EP C 1454 12.20

November 27 2012 Hour: 19:06:21.0 Lat: 40.80°N Lon: 19.62°E M: 4.0 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 1908 48.53
 MORH SZ EPn 1907 44.51
 MORH SZ ESg 1909 21.07

November 27 2012 Hour: 21:26:38.0 Lat: 50.15°N Lon: 18.61°E M: 2.6 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 2128 25.00
 PSZ SZ EPg 2127 23.82
 PSZ SN Sn 2127 49.01
 MORH SZ EPn 2127 38.16

November 27 2012 Hour: 22:44:04.0 Lat: 38.99°N Lon: 22.18°E M: 3.5 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2245 55.58
 MORH SN Sn 2247 23.30

November 28 2012 Hour: 01:49:46.0 Lat: 42.50°N Lon: 20.10°E M: 4.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EPn 0152 02.53
 PSZ SZ EPn 0151 07.23
 SOP SZ EPn 0151 12.12
 TRPA SZ EPn 0151 14.38
 BEHE SN Sn 0151 51.62
 BUD XN Sn 0152 56.69
 LTVH SN Sn 0151 59.90
 MORH SN Sn 0151 50.12
 PSZ SN Sn 0152 13.81
 SOP SN Sn 0152 17.95
 STA BN Sn 0152 02.90
 TRPA SN Sn 0152 37.51
 LTVH SZ EPn 0151 03.28
 BEHE SZ EPn 0150 56.93
 MORH SZ EPn 0150 45.47
 STA BZ EPn 0150 56.84

November 28 2012 Hour: 03:09:49.0 Lat: 4.50°S Lon: 76.12°W M: 5.6 Depth: 117 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP D 0323 00.56
 MORH SZ EP D 0323 04.67
 PSZ SZ EP D 0323 08.54
 SOP SZ EP D 0322 58.28

November 28 2012 Hour: 05:30:13.0 Lat: 41.92°N Lon: 77.96°E M: 4.9 Depth: 40 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 0537 58.64
 PSZ SZ EP 0537 52.70

November 28 2012 Hour: 15:32:53.0 Lat: 41.32°N Lon: 22.40°E M: 3.5 Depth: 3 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SN Sn 1535 22.99
 PSZ SN Sn 1535 53.91
 PSZ SZ EPn 1534 32.39
 MORH SZ EPn 1534 16.06

November 29 2012 Hour: 00:30:30.0 Lat: 20.97°S Lon: 178.75°W M: 5.5 Depth: 512 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP 0049 19.29
 MORH SZ EP D 0049 22.62
 STA BZ EP 0049 21.87
 TRPA SZ EP D 0049 15.74
 LTVH SZ EP D 0049 18.48
 PSZ SZ EP D 0049 18.98
 SOP SZ EP D 0049 22.32

November 29 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EPg 0834 12.33
 PSZ SE ESg 0834 13.62

November 29 2012 Hour: 10:37:37.0 Lat: 20.64°S Lon: 177.10°W M: 5.4 Depth: 240 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP D 1056 57.04
 SOP SZ EP D 1057 00.43
 TRPA SZ EP D 1056 54.13
 MORH SZ EP D 1057 01.36
 LTVH SZ EP 1056 56.99

November 29 2012 Hour: Lat: Lon: M: Depth:
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 2020 37.11
 MORH SN Sn 2020 49.87

November 29 2012 Hour: 23:22:35.0 Lat: 52.68°N Lon: 172.39°E M: 5.1 Depth: 30 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BUD XZ EP C 2334 29.96
 SOP SZ EP C 2334 31.40
 TRPA SZ EP C 2334 22.19
 PSZ SZ EP C 2334 26.53

November 30 2012 Hour: 11:20:38.0 Lat: 18.80°S Lon: 175.55°W M: 5.5 Depth: 200 km
 STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 BEHE SZ EP 1140 07.12
 BUD XZ EP 1140 06.13
 MORH SZ EP D 1140 05.35

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PSZ SZ EP D 1140 00.84
SOP SZ EP D 1140 04.37
STA BZ EP 1140 04.86
TRPA SZ EP 1139 58.59
LTVH SZ EP C 1140 01.54

November 30 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ IPg 1323 14.05
PSZ SN ESg 1323 17.29

December 01 2012 Hour: 08:00:57.0 Lat: 58.67°N Lon: 154.44°W M: 5.7 Depth: 95 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ IP C 0812 21.89
LTVH SZ IP C 0812 24.12
MORH SZ IP C 0812 29.30
SOP SZ IP C 0812 21.06

December 01 2012 Hour: 15:16:46.0 Lat: 31.93°N Lon: 104.40°E M: 4.9 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP C 1527 22.75

December 01 2012 Hour: 20:52:07.0 Lat: 45.75°N Lon: 26.76°E M: 4.6 Depth: 78 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 2053 29.74
LTVH SN Sn 2053 45.50
LTVH SZ EPn D 2053 03.09
PSZ SN Sn 2054 25.84
MORH SN Sn 2054 38.06
PSZ SZ EPn 2053 22.38
PSZ SZ EPg 2053 45.25

December 01 2012 Hour: 23:34:16.0 Lat: 51.55°N Lon: 16.15°E M: 4.0 Depth: 1 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 2335 40.00
SOP SZ EPn 2335 18.71
MORH SN Sn 2336 51.02
PSZ SN Sn 2336 15.97
PSZ SZ EPn 2335 23.30
PSZ SZ EPg 2335 41.42
SOP SN Sn 2336 02.28
SOP SN EPg 2335 28.52

December 02 2012 Hour: 00:54:22.0 Lat: 16.96°S Lon: 167.66°E M: 6.4 Depth: 29 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ IP 0113 47.42
BEHE SZ EP 0113 46.30
TRPA SZ EP 0113 43.09
SOP SZ EP 0113 45.06
PSZ SZ EP C 0113 47.03
MORH SZ IP C 0113 49.87
LTVH SZ IP C 0113 45.78

December 02 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 0902 06.25
MORH SN Sn 0902 18.40

December 02 2012 Hour: 13:32:44.0 Lat: 20.71°S Lon: 174.02°W M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EP C 1352 34.81
PSZ SZ IP C 1352 38.05
MORH SZ EP C 1352 41.52
LTVH SZ IP C 1352 37.82

December 02 2012 Hour: 23:45:14.0 Lat: 45.81°N Lon: 151.49°E M: 5.0 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EP 2357 04.09
BUD XZ EP D 2357 07.76
LTVH SZ EP 2357 04.51
MORH SZ EP C 2357 14.69
PSZ SZ EP C 2357 05.03
SOP SZ EP 2357 13.43
TRPA SZ EP C 2356 58.95

December 03 2012 Hour: 04:36:00.0 Lat: 46.23°N Lon: 14.77°E M: 3.9 Depth: 19 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn 0437 02.12
SOP SZ EPn 0436 35.05
SOP SN Sn 0436 59.04
BEHE SZ EPn 0436 26.63
PSZ SN Sn 0437 44.41
MORH SN Sn 0437 14.21
BUD XZ EPn 0436 54.42
BUD XZ EPg 0437 01.85
MORH SZ EPn 0436 41.66
MORH SZ EPg 0436 52.53
LTVH SN Sn 0438 33.19
LTVH SZ EPn 0437 37.26
BUD XN Sn 0437 27.55
BUD XN ESg 0437 44.88

December 03 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EPn C 0906 42.71
PSZ SN Sn 0906 54.52
PSZ SN E 0906 54.52

December 03 2012 Hour: 18:58:39.0 Lat: 43.41°N Lon: 28.65°E M: 4.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ EPn 1900 13.72
PSZ SZ EPn 1900 31.42
PSZ SN Sn 1901 57.11
TRPA SN Sn 1901 21.89

December 03 2012 Hour: 21:40:15.0 Lat: 39.53°N Lon: 23.52°E M: 4.1 Depth: 27 km

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STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 2142 06.54
MORH SE Sn 2143 33.95

December 04 2012 Hour: 01:42:48.0 Lat: 61.35°N Lon: 150.85°W M: 5.7 Depth: 67 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
LTVH SZ EP 0154 02.81
PSZ SZ EP 0153 57.14
SOP SZ EP 0153 58.51
BUD XZ EP 0154 07.78
MORH SZ EP 0154 08.27
PSZ SE ES 0203 09.12
SOP SE ES 0203 07.80
MORH SN ES 0203 25.00
BUD XE ES C 0203 13.75

December 04 2012 Hour: 03:54:49.0 Lat: 19.74°S Lon: 177.77°W M: 5.3 Depth: 543 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ IP 0413 35.15
SOP SZ IP D 0413 36.79
PSZ SZ IP 0413 33.27
MORH SZ IP D 0413 37.48
LTVH SZ IP 0413 32.93

December 05 2012 Hour: 01:18:19.0 Lat: 42.91°N Lon: 13.66°E M: 4.0 Depth: 27 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 0119 27.07
BEHE SZ EPg 0119 37.97
BUD XZ EPn 0119 49.61
PSZ SZ EPn 0120 11.62
PSZ SZ IPn 0119 57.83
SOP SZ EPn 0119 49.54
SOP SZ IPn 0119 36.59
PSZ SN Sn 0121 14.32
SOP SN Sn 0120 38.72
BEHE SN Sn 0120 14.26
BEHE SN ESg 0120 36.76
BUD XN Sn 0121 19.80
BUD XN ESg 0121 29.39

December 05 2012 Hour: 09:36:53.0 Lat: 44.15°N Lon: 15.72°E M: 3.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BEHE SZ EPn 0937 33.77
MORH SZ EPn 0937 39.46
MORH SN Sn 0938 17.51
SOP SN Sn 0938 33.54
BEHE SN Sn 0938 05.11
BEHE SN ESg 0938 12.88
SOP SZ EPn 0937 49.10

December 05 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SN Sn 1534 22.42

MORH SZ EPn 1534 07.51

December 05 2012 Hour: 23:08:35.0 Lat: 20.69°S Lon: 178.94°W M: 5.2 Depth: 590 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 2327 20.64

BUD XZ EP 2327 16.97

LTVH SZ EP D 2327 14.89

MORH SZ EP D 2327 19.39

PSZ SZ EP D 2327 15.31

SOP SZ EP D 2327 18.84

December 06 2012 Hour: 17:48:15.0 Lat: 36.94°N Lon: 23.11°E M: 4.5 Depth: 13 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 1750 37.10

MORH SE Sn 1752 29.32

December 07 2012 Hour: 08:18:23.0 Lat: 37.92°N Lon: 144.02°E M: 7.3 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BUD XZ IP C 0830 40.68

LTVH SZ IP C 0830 35.43

MORH SZ IP 0830 46.59

SOP SZ IP 0830 46.37

BEHE SZ IP C 0830 48.36

PSZ SZ IP C 0830 37.62

PSZ SZ IS 0840 45.20

BUD XE IS 0840 53.47

SOP SN EPP 0833 57.91

SOP SN IS 0841 05.87

SOP SN ESS 0846 32.36

MORH SN EPP 0834 03.26

MORH SN ESS 0846 22.03

LTVH SN IS 0840 43.14

LTVH SN ESS 0846 15.83

BUD XN EPP 0833 50.27

BUD XN ESS 0846 05.50

BEHE SE IS 0841 12.07

BEHE SE ESS 0846 19.96

PSZ SN ESS 0846 11.69

PSZ SN EPP 0833 44.15

BEHE SN EPP 0834 02.02

December 07 2012 Hour: 08:31:14.0 Lat: 37.95°N Lon: 143.75°E M: 6.2 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

LTVH SZ EP 0857 06.16

PSZ SZ EP 0843 26.47

SOP SZ EP 0843 35.03

MORH SZ EP 0843 35.03

BUD XZ EP 0843 34.80

BEHE SZ EP 0843 40.66

December 07 2012 Hour: 12:48:51.0 Lat: 37.50°N Lon: 143.70°E M: 4.8 Depth: 39 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 1301 00.48

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MORH SZ EP 1300 57.35

December 07 2012 Hour: 14:08:41.0 Lat: 38.80°N Lon: 88.18°E M: 5.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ IP C 1417 39.68

PSZ SZ IP C 1417 29.97

SOP SZ IP 1417 46.98

BEHE SZ IP 1417 48.24

December 07 2012 Hour: 16:01:50.0 Lat: 37.72°N Lon: 143.85°E M: 5.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 1614 17.49

December 07 2012 Hour: 18:19:09.0 Lat: 38.65°S Lon: 175.94°E M: 6.3 Depth: 189 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SE IP D 1839 26.70

MORH SN ESS 1903 37.43

PSZ SN ESS 1903 21.42

PSZ SZ EPP 1843 13.53

PSZ SZ IS 1857 29.28

MORH SZ EPP 1843 20.51

MORH SZ IP C 1838 42.03

MORH SZ IS 1857 43.00

December 07 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 2150 29.82

MORH SN Sn 2150 43.32

December 07 2012 Hour: 22:59:57.0 Lat: 37.77°N Lon: 143.78°E M: 5.6 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ IP D 2312 23.11

PSZ SZ IP D 2312 14.22

MORH SZ IP D 2312 22.62

LTVH SZ IP D 2312 11.38

BUD XZ IP D 2312 17.56

BEHE SZ IP C 2312 27.31

December 08 2012 Hour: 14:26:55.0 Lat: 25.79°N Lon: 122.34°E M: 5.1 Depth: 289 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP D 1438 27.90

SOP SZ EP 1438 28.88

MORH SZ EP 1438 36.07

LTVH SZ EP 1438 28.77

BUD XZ EP 1438 30.40

December 08 2012 Hour: 22:57:18.0 Lat: 41.31°N Lon: 20.50°E M: 3.7 Depth: 6 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 2258 57.49

MORH SZ EPn 2258 36.32

PSZ SN Sn 2300 13.72

MORH SN Sn 2259 34.97

December 09 2012 Hour: 00:21:19.0 Lat: 51.55°N Lon: 16.07°E M: 3.9 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EPn 0022 20.57
 SOP SN Sn 0023 18.88

December 09 2012 Hour: 01:23:05.0 Lat: 37.93°N Lon: 22.59°E M: 4.3 Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EPn 0125 13.92
 MORH SN Sn 0125 27.48

December 09 2012 Hour: 23:50:35.0 Lat: 37.61°N Lon: 143.77°E M: 5.0 Depth: 38 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 2402 57.77
 PSZ SZ EP C 2402 48.54

December 10 2012 Hour: 09:09:36.0 Lat: 37.90°N Lon: 143.57°E M: 4.9 Depth: 38 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP C 0921 47.79
 MORH SZ EP 0921 55.60
 SOP SZ EP 0921 55.76

December 10 2012 Hour: 16:53:10.0 Lat: 6.58°S Lon: 129.85°E M: 7.1 Depth: 162 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 TIH SZ EP 1707 16.60
 TIH SZ EPP 1711 46.36
 SOP SZ EP 1707 15.67
 SOP SZ EPP 1711 52.10
 PSZ SZ EP 1707 13.83
 PSZ SZ EPP 1711 40.61
 MORH SZ EP 1707 18.45
 MORH SZ EPP 1712 01.67
 BUD XZ EP 1707 11.98
 BUD XZ EPP 1711 54.01
 BEHE SZ EP 1707 22.14
 BEHE SZ EPP 1711 54.01
 LTVH SZ EP 1707 10.13
 LTVH SZ EPP 1711 29.13

December 11 2012 Hour: 05:12:18.0 Lat: 68.14°N Lon: 136.46°W M: 5.3 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 SOP SZ EP 0522 45.73
 MORH SZ EP 0522 58.24

December 11 2012 Hour: 06:18:27.0 Lat: 0.61°N Lon: 126.29°E M: 4.7 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 PSZ SZ EP 0632 09.69

December 13 2012 Hour: 00:53:31.0 Lat: 31.03°S Lon: 178.33°W M: 5.5 Depth: 59 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
 MORH SZ EP C 0113 21.28

December 13 2012 Hour: 01:55:35.0 Lat: 43.76°N Lon: 17.76°E M: 3.1 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

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PSZ	SZ	EPn	0156	42.63
BUD	XZ	EPn	0156	34.58
SOP	SZ	EPn	0156	37.02
SOP	SN	Sn	0157	24.03
PSZ	SN	Sn	0157	33.63
MORH	SN	Sn	0156	49.11
BUD	XN	Sn	0157	21.71
TIH	SN	Sn	0157	04.17
TIH	SN	ESg	0157	18.71
MORH	SE	ESg	0156	57.81
BEHE	SN	Sn	0156	55.23
BEHE	SN	ESg	0157	07.95
BEHE	SZ	EPn	0156	20.97
MORH	SZ	EPn	0156	16.34
TIH	SZ	EPn	0156	25.17

December 13 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EPg		C	0914	43.33										
PSZ	SN	ESg			0914	45.66										

December 13 2012 Hour: 21:39:37.0 Lat: 41.13°N Lon: 19.73°E M: 4.2 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		2140	57.60											
BUD	XZ	EPn		2141	01.23											
MORH	SZ	EPn		2140	46.70											
BUD	XN	Sn		2142	20.97											
MORH	SN	Sn		2141	56.17											
PSZ	SN	Sn		2142	30.37											
TIH	SN	Sn		2142	15.23											
TRPA	SN	Sn		2142	35.85											
BEHE	SN	Sn		2142	04.26											
SOP	SZ	EPn		2141	15.97											
PSZ	SZ	EPn		2141	08.16											
TRPA	SZ	EPn		2141	15.20											
TIH	SZ	EPn		2140	56.87											
LTVH	SZ	EPn		2141	03.51											

December 13 2012 Hour: 23:03:38.0 Lat: 80.77°N Lon: 121.49°E M: 5.7 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TIH	SZ	EP		2312	03.09											
PSZ	SZ	EP		2311	53.00											
MORH	SZ	EP		2312	07.67											
BUD	XZ	EP		2311	57.77											
BEHE	SZ	EP	D	2312	07.67											
TRPA	SN	ES		2318	23.26											
TIH	SN	ES		2318	52.15											
SOP	SZ	EP		2311	59.24											
SOP	SZ	ES		2318	40.44											
PSZ	SN	ES		2318	34.97											
MORH	SN	ES		2318	57.62											
LTVH	SN	ES		2318	41.22											
BUD	XN	ES		2318	38.88											

TRPA SZ EP D 2311 48.25
LTVH SZ EP D 2311 55.54

December 14 2012 Hour: 01:22:06.0 Lat: 37.50°N Lon: 143.53°E M: 4.9 Depth: 42 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 0134 10.58

SOP SZ EP 0134 11.44

December 14 2012 Hour: 10:36:01.0 Lat: 31.19°N Lon: 119.60°W M: 6.4 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1049 14.11

BEHE SZ EPP 1052 49.82

PSZ SZ EP 1049 16.48

PSZ SZ EPP 1052 56.14

TRPA SN IS 1100 29.20

TIH SE IS 1100 26.09

SOP SE IS 1100 11.33

PSZ SE IS 1100 22.20

MORH SE IS 1100 30.75

BUD XN IS 1100 26.86

SOP SZ EP D 1049 10.56

SOP SZ EPP 1052 50.61

TRPA SZ EP D 1049 19.25

TRPA SZ EPP 1053 01.68

TIH SZ EP D 1049 16.00

TIH SZ EPP 1052 56.14

MORH SZ EP D 1049 18.88

MORH SZ EPP 1053 04.84

LTVH SZ EP 1049 21.27

LTVH SZ EPP 1053 03.26

BUD XZ EP 1049 16.25

BUD XZ EPP 1052 59.31

December 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 1226 43.86

PSZ SE Sn 1226 49.28

December 14 2012 Hour: 16:52:38.0 Lat: 15.30°S Lon: 178.04°W M: 5.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE SZ EP 1712 17.20

BUD XZ EP 1712 16.04

LTVH SZ EP 1712 09.25

MORH SZ EP 1712 19.52

PSZ SZ EP 1712 16.04

SOP SZ EP 1712 16.87

TIH SZ EP 1711 56.00

TRPA SZ EP 1711 56.99

December 14 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EPn 2208 11.79

PSZ SN Sn 2208 15.77

December 15 2012 Hour: 04:49:29.0 Lat: 52.27°N Lon: 174.06°E M: 6.0 Depth: 24 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE	SZ	IP	C	0501	35.10
BUD	XZ	IP	C	0501	28.40
LTVH	SZ	IP	C	0501	26.49
PSZ	SZ	IP	C	0501	25.06
SOP	SZ	IP	C	0501	29.84
TRPA	SZ	IP	C	0501	20.75
TIH	SZ	IP	C	0501	32.71
TRPA	SN	ES		0511	07.09
TIH	SN	ES		0511	16.45
SOP	SN	ES		0511	25.22
MORH	SZ	IP	C	0501	34.62
MORH	SZ	ES		0511	17.03
PSZ	SN	ES		0511	40.42

December 15 2012 Hour: 19:30:03.0 Lat: 4.67°S Lon: 152.99°E M: 6.1 Depth: 52 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE	SZ	EP		1948	56.44
BUD	XZ	EP	D	1948	52.15
LTVH	SZ	EP		1948	50.17
MORH	SZ	EP		1948	54.47
PSZ	SZ	EP		1948	51.10
SOP	SZ	EP		1948	54.59
TIH	SZ	EP	D	1948	54.12
TRPA	SZ	EP	D	1948	47.50

December 15 2012 Hour: 21:34:57.0 Lat: 51.53°N Lon: 16.20°E M: 3.8 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP	SN	Sn		2136	44.18
TIH	SN	Sn		2137	06.17
PSZ	SN	Sn		2136	53.07
MORH	SZ	EPn		2136	20.32
PSZ	SZ	EPn		2135	58.57
SOP	SZ	EPn		2135	56.93
TIH	SZ	EPn		2136	09.80

December 15 2012 Hour: 23:02:32.0 Lat: 51.49°N Lon: 16.09°E M: 3.9 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

BEHE	SZ	EPn		2303	47.95
LTVH	SZ	EPn		2303	55.31
MORH	SZ	EPn		2303	56.78
PSZ	SZ	EPn		2303	38.49
TIH	SZ	EPn		2303	44.38
TRPA	SZ	EPn		2303	49.84
SOP	SZ	EPn		2303	37.46
TIH	SN	Sn		2304	39.91
BEHE	SN	Sn		2304	46.65
PSZ	SN	Sn		2304	24.99
SOP	SN	Sn		2304	18.41
MORH	SN	Sn		2305	03.18
LTVH	SN	Sn		2304	58.52

December 17 2012 Hour: 00:28:56.0 Lat: 49.79°N Lon: 155.91°E M: 5.6 Depth: 44 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 0040 47.33

PSZ SZ EP 0040 36.93

December 17 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 1147 20.89

BEHE SN Sn 1147 42.53

MORH SN Sn 1147 35.97

BEHE SZ EPn C 1147 25.43

December 17 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 1156 01.96

BEHE SZ EPn 1156 00.02

BEHE SN Sn 1156 14.88

MORH SN Sn C 1156 18.05

December 18 2012 Hour: 03:33:34.0 Lat: 50.10°N Lon: 19.14°E M: 3.0 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 0334 33.59

MORH SN Sn 0335 18.01

PSZ SZ EPn 0334 12.42

PSZ SZ EPg 0334 17.76

PSZ SN Sn 0334 41.59

PSZ SE EPg 0334 47.82

December 18 2012 Hour: 18:36:21.0 Lat: 36.71°N Lon: 142.03°E M: 5.1 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP C 1848 37.32

MORH SZ EP 1849 07.38

December 18 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 2332 27.52

TIH SZ EPn 2332 41.40

MORH SN Sn 2332 39.42

TIH SN Sn 2332 59.48

December 18 2012 Hour: 23:56:55.0 Lat: 17.83°S Lon: 168.46°E M: 4.9 Depth: 122 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 0016 15.41

SOP SZ EP 0016 18.33

December 20 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 0249 12.29

PSZ SZ EPn 0248 56.18

PSZ SN Sn 0249 28.41

December 20 2012 Hour: 17:32:58.0 Lat: 42.33°N Lon: 20.03°E M: 3.1 Depth: 5 km

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn 1733 58.22
TIH SZ EPn 1734 11.54
TIH SN Sn 1735 06.52
MORH SN Sn 1734 49.27

December 20 2012 Hour: 21:47:30.0 Lat: 0.61°N Lon: 126.30°E M: 5.6 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EP D 2201 16.94

December 21 2012 Hour: 01:45:18.0 Lat: 20.77°S Lon: 174.02°W M: 5.0 Depth: 30 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ EP 0205 07.01
LTVH SZ IP D 0205 07.77
MORH SZ IP 0205 11.61
PSZ SZ IP 0205 07.77
SOP SZ IP 0205 10.42
TIH SZ IP D 0205 10.59
TRPA SZ IP D 0205 05.04

December 21 2012 Hour: 04:49:05.0 Lat: 52.15°N Lon: 158.09°E M: 4.9 Depth: 129 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
TRPA SZ IP C 0500 21.96
MORH SZ EP C 0500 37.55

December 21 2012 Hour: 08:07:18.0 Lat: 38.68°N Lon: 141.73°E M: 5.1 Depth: 35 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
PSZ SZ EP C 0819 21.71
MORH SZ EP C 0819 30.40
SOP SZ EP C 0819 30.75
TIH SZ EP 0819 34.28

December 21 2012 Hour: 16:10:07.0 Lat: 41.68°N Lon: 20.09°E M: 3.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
MORH SZ EPn D 1611 18.35
PSZ SZ EPn 1611 41.10
MORH SN Sn 1612 12.12
PSZ SN Sn 1612 52.55

December 21 2012 Hour: 22:28:09.0 Lat: 14.36°S Lon: 167.29°E M: 6.7 Depth: 208 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7
BUD XZ IP C 2247 09.97
LTVH SZ IP C 2247 07.39
MORH SZ IP 2247 11.69
PSZ SZ IP C 2247 08.03
SOP SZ IP 2247 12.12
TIH SZ IP 2247 10.83
TRPA SZ IP C 2247 05.24
TRPA SN EPP 2249 46.05
SOP SE EPP 2250 03.26
PSZ SN EPP 2249 56.38
MORH SN EPP 2250 02.40
LTVH SN EPP 2250 39.40

BUD XN EPP 2250 06.70

December 22 2012 Hour: 03:50:03.0 Lat: 5.26°N Lon: 94.17°E M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP 0401 48.96

TRPA SZ EP C 0401 39.18

SOP SZ EP 0402 01.22

MORH SZ EP C 0401 52.13

December 22 2012 Hour: 07:53:00.0 Lat: 20.28°S Lon: 169.60°E M: 4.9 Depth: 128 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP D 0812 21.29

LTVH SZ EP 0812 24.15

BUD XZ EP 0812 21.63

PSZ SZ EP 0812 25.46

SOP SZ EP D 0812 21.90

TRPA SZ EP 0812 34.49

TIH SZ EP 0812 21.03

December 22 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 1232 25.27

MORH SN Sn 1232 41.60

December 22 2012 Hour: 16:41:45.0 Lat: 22.47°N Lon: 94.81°E M: 5.5 Depth: 133 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP D 1652 08.85

PSZ SZ EP 1652 02.59

TRPA SZ EP 1652 20.06

December 22 2012 Hour: 18:07:19.0 Lat: 19.13°N Lon: 121.23°E M: 5.1 Depth: 50 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 1819 46.38

December 23 2012 Hour: 00:29:57.0 Lat: 13.08°S Lon: 167.15°E M: 5.2 Depth: 230 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

LTVH SZ EP 0048 50.63

MORH SZ EP D 0048 54.27

PSZ SZ EP 0048 50.82

SOP SZ EP 0048 56.18

December 23 2012 Hour: 06:38:57.0 Lat: 38.53°N Lon: 44.87°E M: 4.9 Depth: 5 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP D 0643 18.89

BEHE SZ EP 0643 52.88

BUD XZ EP 0643 40.51

LTVH SZ EP 0643 22.93

MORH SZ EP 0643 39.60

PSZ SZ EP 0643 33.22

SOP SZ EP 0643 59.39

TIH SZ EP 0643 46.50

December 23 2012 Hour: 13:31:40.0 Lat: 42.58°N Lon: 40.98°E M: 5.7 Depth: 10 km

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
BEHE	SZ	EPn		1335	48.54											
BUD	XZ	EPn		1335	27.29											
LTVH	SZ	EPn		1335	01.13											
MORH	SZ	EPn		1335	31.10											
PSZ	SZ	EPn		1335	21.29											
SOP	SZ	EPn		1335	53.17											
TIH	SZ	EPn		1335	40.36											
TRPA	SZ	EPn		1334	57.59											
TIH	SN	Sn		1338	47.34											
SOP	SN	Sn		1339	20.04											
PSZ	SN	Sn		1338	31.39											
MORH	SN	Sn		1338	35.38											
BUD	XN	Sn		1338	31.12											
LTVH	SE	Sn		1338	44.41											
TRPA	SE	Sn		1337	46.04											
BEHE	SN	Sn		1339	09.40											

December 24 2012 Hour: 07:54:08.0 Lat: 55.00°N Lon: 161.95°E M: 5.2 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP		0805	31.06											
TIH	SZ	EP	C	0805	44.99											
SOP	SZ	EP		0805	35.90											
PSZ	SZ	EP		0805	37.41											
MORH	SZ	EP		0805	47.08											
BUD	XZ	EP		0805	39.88											
BEHE	SZ	EP		0805	48.12											

December 24 2012 Hour: 14:35:32.0 Lat: 3.84°S Lon: 28.27°E M: 4.9 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
PSZ	SZ	EP		1444	41.86											
MORH	SZ	EP		1444	34.84											

December 24 2012 Hour: 23:24:56.0 Lat: 55.68°S Lon: 147.03°E M: 5.1 Depth: 60 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		2344	32.43											
PSZ	SZ	EP		2344	33.39											
TRPA	SZ	EP		2344	28.04											
BUD	XZ	EP		2344	31.37											
BEHE	SZ	EP		2344	29.97											

December 25 2012 Hour: 07:34:43.0 Lat: 1.19°N Lon: 125.59°E M: 5.2 Depth: 69 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		0748	23.98											
PSZ	SZ	EP		0748	18.78											
TRPA	SZ	EP		0748	10.71											

December 25 2012 Hour: 17:36:29.0 Lat: 28.47°N Lon: 66.50°E M: 5.1 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP		1743	57.11											
SOP	SZ	EP		1744	04.76											
PSZ	SZ	EP		1744	10.17											
MORH	SZ	EP	C	1744	14.79											

December 25 2012 Hour: 22:44:32.0 Lat: 42.54°N Lon: 40.94°E M: 5.4 Depth: 2 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TIH	SN	Sn	2251	40.19
TRPA	SN	Sn	2250	32.51
PSZ	SN	Sn	2251	25.08
MORH	SN	Sn	2251	37.77
LTVH	SN	Sn	2251	35.96
BUD	XN	Sn	2251	25.69
BEHE	SN	Sn	2251	58.32
TRPA	SZ	EPn	2247	49.76
TIH	SZ	EPn	2248	33.99
SOP	SZ	EPn	2248	43.42
PSZ	SZ	EP	2248	14.98
PSZ	SZ	EPn	2248	14.97
LTVH	SZ	EPn	2247	57.04
BUD	XZ	EPn	2248	20.50
BEHE	SZ	EPn	2248	39.51
MORH	SZ	EPn	2248	27.79

December 26 2012 Hour: 02:58:24.0 Lat: 20.74°S Lon: 178.59°W M: 5.1 Depth: 601 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA	SZ	EP	D 0317	02.79
TIH	SZ	EP	D 0317	09.39
SOP	SZ	EP	D 0317	09.35
PSZ	SZ	EP	0317	05.86
LTVH	SZ	EP	D 0317	05.35
MORH	SZ	EP	D 0317	10.00
BUD	XZ	EP	0317	07.81
BEHE	SZ	EP	0317	08.51

December 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH	SZ	EPn	1524	35.87
MORH	SN	Sn	1524	49.60

December 26 2012 Hour: Lat: Lon: M: Depth:

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH	SZ	EPn	1530	21.47
MORH	SN	Sn	1530	33.22

December 26 2012 Hour: 19:08:04.0 Lat: 0.95°N Lon: 98.71°E M: 4.9 Depth: 77 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH	SZ	EP	1920	17.62
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December 26 2012 Hour: 20:24:27.0 Lat: 10.40°S Lon: 13.19°W M: 5.2 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TIH	SZ	EP	2034	57.57
PSZ	SZ	EP	D 2035	08.18
MORH	SZ	EP	2034	55.29
LTVH	SZ	EP	2035	10.60
BUD	XZ	EP	2035	05.16
BEHE	SZ	EP	2034	56.18

TRPA SZ EP 2035 01.61

December 27 2012 Hour: 05:36:11.0 Lat: 12.96°N Lon: 57.96°W M: 5.3 Depth: 10 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EP 0547 31.53

PSZ SZ EP 0547 28.22

BUD XZ EP 0547 29.20

BEHE SZ EP 0547 30.61

December 27 2012 Hour: 09:42:02.0 Lat: 18.24°S Lon: 173.63°W M: 5.3 Depth: 41 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP 1001 42.64

TIH SZ EP 1001 48.75

SOP SZ EP C 1001 48.35

PSZ SZ EP C 1001 45.70

MORH SZ EP C 1001 49.88

LTVH SZ EP 1001 45.47

BUD XZ EP 1001 46.94

BEHE SZ EP 1001 50.39

December 27 2012 Hour: 09:50:05.0 Lat: 20.88°S Lon: 178.87°W M: 4.6 Depth: 400 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

SOP SZ EP 1009 08.18

PSZ SZ EP 1009 04.50

MORH SZ EP 1009 07.91

December 28 2012 Hour: 05:50:37.0 Lat: 40.77°N Lon: 21.36°E M: 3.6 Depth: 6 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

MORH SZ EPn 0552 04.68

PSZ SZ EPn 0552 25.72

TIH SZ EPn 0552 15.66

TIH SN Sn 0553 32.98

December 28 2012 Hour: 13:42:35.0 Lat: 55.64°N Lon: 164.82°E M: 5.5 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TRPA SZ EP C 1353 53.59

December 29 2012 Hour: 07:19:33.0 Lat: 37.19°N Lon: 141.00°E M: 5.1 Depth: 43 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

PSZ SZ EP D 0731 40.37

MORH SZ EP 0731 40.24

TRPA SZ EP C 0731 32.14

December 29 2012 Hour: 14:59:37.0 Lat: 38.79°N Lon: 142.12°E M: 5.4 Depth: 40 km

STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ7

TIH SZ EP 1511 49.35

BUD XZ EP 1511 44.50

PSZ SZ EP C 1511 40.50

MORH SZ EP 1511 48.84

SOP SZ EP C 1511 49.46

TRPA SZ EP C 1511 32.92

December 29 2012 Hour: 17:50:52.0 Lat: 35.72°N Lon: 70.63°E M: 5.6 Depth: 117 km

CHAPTER 4. REGIONAL AND TELESEISMIC EARTHQUAKES

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP		C	1758	16.11										
PSZ	SZ	EP			1758	08.98										
SOP	SZ	EP		C	1758	28.00										
TIH	SZ	EP		C	1758	20.57										
TRPA	SZ	EP			1757	53.53										
LTVH	SZ	EP		C	1757	56.79										
BUD	XZ	EP		C	1758	13.44										
BEHE	SZ	EP		C	1758	25.62										
BUD	XN	ES			1804	02.72										
TRPA	SN	ES			1803	32.02										

December 29 2012 Hour: 23:05:24.0 Lat: 37.04°N Lon: 141.19°E M: 5.2 Depth: 5.2 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
TRPA	SZ	EP		D	2317	25.20										
SOP	SZ	EP			2317	31.10										
PSZ	SZ	EP			2317	28.33										
MORH	SZ	EP			2317	36.16										

December 30 2012 Hour: 13:08:50.0 Lat: 43.29°N Lon: 21.02°E M: 3.3 Depth: 5 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn			1309	42.14										
BEHE	SZ	EPn			1309	58.49										
PSZ	SZ	EPn			1310	02.55										
TRPA	SZ	EPn			1310	05.54										
TIH	SZ	EPn			1309	55.07										
TIH	SN	Sn			1310	46.47										
TRPA	SN	Sn		D	1311	04.60										
PSZ	SN	Sn			1310	56.00										
BEHE	SN	Sn			1310	50.02										
BEHE	SN	ESg			1311	13.57										
MORH	SN	Sn			1310	22.73										
MORH	SN	ESg			1310	40.49										

December 31 2012 Hour: 01:45:00.0 Lat: 35.29°N Lon: 36.34°W M: 4.6 Depth: 10 km

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EP			0152	53.76										

December 31 2012 Hour: Lat: Lon: M: Depth:

STAT	SP	IPHASW	D	HRMM	SECON	CODA	AMPLIT	PERI	AZIMU	VELO	AIN	AR	TRES	W	DIS	CAZ7
MORH	SZ	EPn			2238	58.26										
MORH	SE	Sn			2239	12.68										

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