

Geophysical Institute of the Czechoslovak Academy
of Sciences

**BULLETIN
OF THE CZECHOSLOVAK
SEISMOLOGICAL STATIONS
PRŮHONICE, PRAHA AND KAŠPERSKÉ HORY**

1969

ACADEMIA

NAKLADATELSTVÍ ČESKOSLOVENSKÉ AKADEMIE VĚD

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Vědecký redaktor: akademik Alois Zátopek

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ACADEMIA

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Printed in Czechoslovakia

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Introduction

The present issue of the annual Seismological Bulletin edited by the Geophysical Institute of the Czechosl. Acad. Sci. contains the final interpretation of seismograms recorded during 1969 by the Czechoslovak seismological stations Průhonice (PRU), Praha (PRA) and Kašperské Hory (KHC). The operation of the station Praha was interrupted from September 9 because of the reconstruction of the seismic vault. The arrangement of data and the method of interpretation remain the same as in the preceding issue (Bulletin 1968).

The parameters of events are quoted mostly from the I.S.C. bulletin, as well as the epicentral distances D . The values of D in parentheses have been determined for an unknown epicentre only according to the record analysis. The local shocks with distances smaller than 1° at all stations were omitted; they were published in a special bulletin.

For the analysis of the records the Jeffreys-Bullen travel times /3/, Gutenberg-Richter travel times /4/, Bolt tables /9/ and special local tables /1, 2, 5, 6, 7, 8/ have been used. Individual calibrating curves /10, 11, 12/ have been used also for the magnitude determination based on the amplitudes of the body and surface waves as measured on the Kirnos-seismograph records. Magnification curves for Průhonice and Kašperské Hory are given on the page VII.

The preliminary analysis of data was performed by Mr.J.Nykles (PRU), Mr.J.Janský (PRA) and Mr.B.Závorka (KHC). The annual bulletin was prepared and edited by Mrs.L.Ruprechtová, Miss J.Plomerová, Mrs.D.Procházková and Mr.J.Janský. Mrs.S.Černíková performed the technical preparation of the issue.

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List of Symbols

Symbols generally used are not introduced

- T_1 = free period of the seismometer
- T_2 = free period of the galvanometer
- V_0 = static magnification
- V_m = maximum magnification
- $\varepsilon : 1$ = damping ratio
- D_1 = damping constant of the seismometer
- D_2 = damping constant of the galvanometer
- G^2 = coupling coefficient
- D = epicentral distance calculated using the geocentric coordinates of the station and the epicentre
- (D) = epicentral distance determined from the analysis of the record
- PKP = core wave, not precisely identified
- PKIKP = core wave travelling through the Earth's inner core
- PKHKP = core wave refracted on a discontinuity between the outer and inner core boundaries, preceding PKIKP at distances smaller than about 142° and following it at larger distances
- PKP₂ = core wave penetrating only into the outer core
- L, L_m = long period surface wave and its maximum
- LH = maximum horizontal amplitude of surface waves
- Q, Q_m = Love wave and its maximum
- R, R_m = Rayleigh wave and its maximum
- PH, PPH, SH = maximum horizontal amplitude of the wave in question measured in the record of the intermediate-period Kirnos seismograph
- PV, PPV, SV = maximum vertical amplitude of the wave in question measured in the record of the intermediate-period Kirnos seismograph
- PV₁, PV₂ = maximum vertical amplitude of the P wave measured in the record of the short-period vertical seismograph in the time interval 5sec or 20sec after the first onset, resp.
- MPH, MPV, MPPH, MSH = magnitude determined using the amplitudes mention above
- m = body wave magnitude determined using the maximum P-amplitude measured in the record of the short-period vertical seismograph
- m₁, m₂ = magnitude determined using the two maxima PV₁ and PV₂, resp.
- M = surface wave magnitude
- u, mu = used instead of correct μ , μu

List of the Stations

Průhonice (PRU)

Station coordinates: $\varphi = 49^{\circ}59.3'N$, $\lambda = 14^{\circ}32.5'E$

Elevation: $h = 302$ m

Lithologic foundation: Algonkian layers

Instruments:

- 1, 2 = Vertical electrodynamic seismograph SVSN, short-period, developed by V. Tobyáš and J. Štěpánek, galvanometric recording
 3, 4 = Electrodynamic seismograph Kirnos, intermediate period, component Z, E, N, galvanometric recording

Kašperské Hory (KHC)

Station coordinates: $\varphi = 49^{\circ}07.8'N$, $\lambda = 13^{\circ}34.8'E$

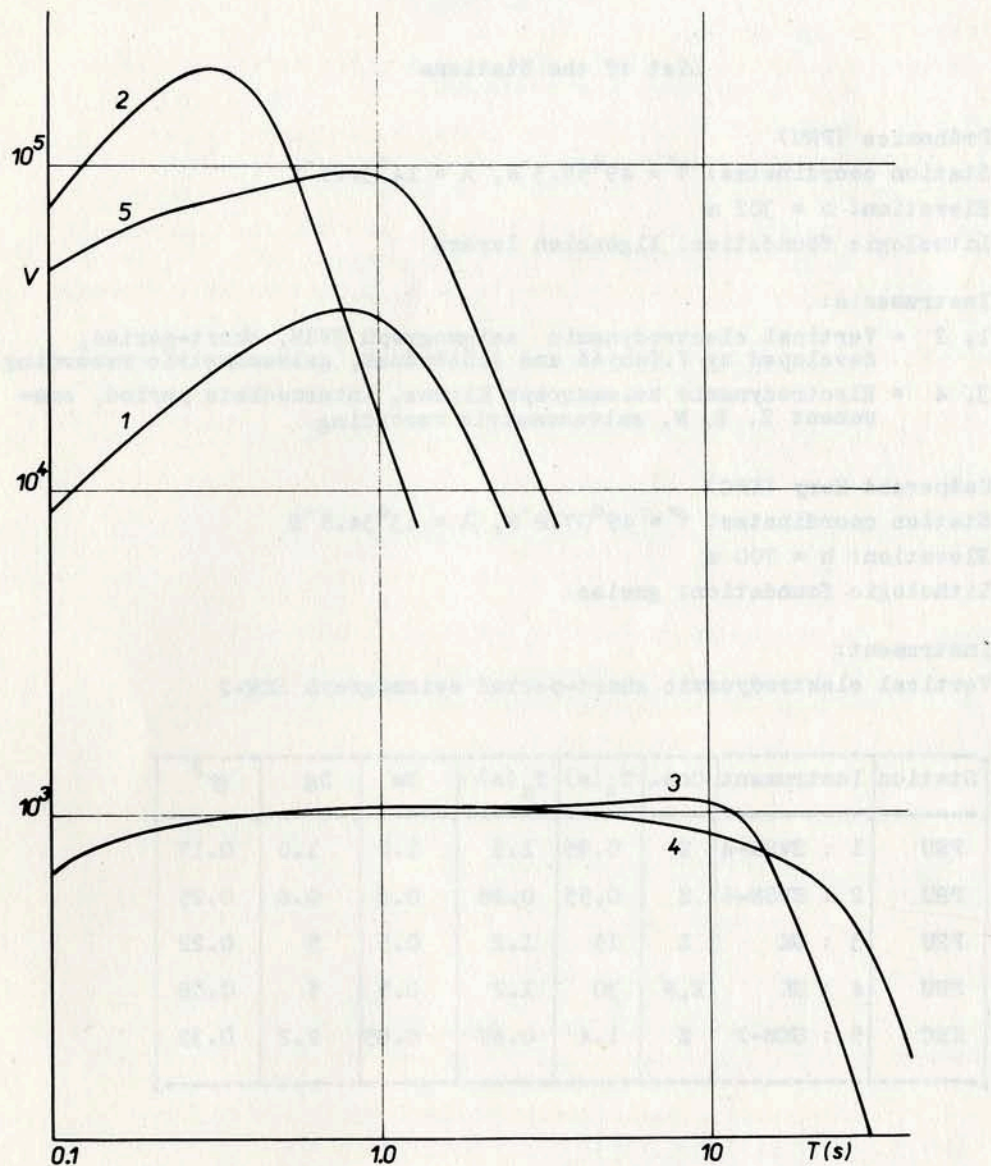
Elevation: $h = 700$ m

Lithologic foundation: gneiss

Instrument:

Vertical electrodynamic short-period seismograph SKM-2

Station	Instrument	Com.	T_s (s)	T_g (s)	D_s	D_g	σ^2
PRU	1 : SVSN-4	Z	0.96	1.5	1.0	1.0	0.17
PRU	2 : SVSN-6	Z	0.55	0.28	0.6	0.6	0.25
PRU	3 : SK	Z	15	1.2	0.5	5	0.22
PRU	4 : SK	E,N	30	1.2	0.5	5	0.08
KHC	5 : SKM-2	Z	1.4	0.67	0.85	2.2	0.35



Magnification curves for Průhonice and Kašperské Hory

Praha (PRA)

Station coordinates: $\varphi = 50^{\circ}04'13''$ N, $\lambda = 14^{\circ}25'59''$ E

Elevation: $h = 225$ m

Lithologic foundation: Ordovician schists (Zahořany layers)

Instruments:

1 = Seismograph Wiechert, mass 1000 kg, air damping, components N, E, mechanic recording

2 = Seismograph Kirnos, components N, E, Z, galvanometric recording

Instrument 1

Month	Com.	T_0	V_0	$\mathcal{E} : 1$
1	NS	9.9	190	4.5
	EW	out of operation		
2	NS	not measured		
	EW	out of operation		
3	NS	not measured		
	EW	out of operation		
4	NS	not measured		
	EW	not measured		
5	NS	9.8	180	3.8
	EW	9.9	160	3.6
6	NS	9.8	165	3.6
	EW	9.8	150	3.8
7	NS	10.0	150	3.5
	EW	10.0	165	3.2
8	NS	9.5	200	3.5
	EW	10.0	175	3.5

From Sep 09 both instruments out of operation.

Instrument 2

Com.	T_1	T_2	D_1	D_2	G^2	\bar{v}
Z	13.0	1.14	0.46	4.5	0.180	530
NS	12.2	1.23	0.43	4.8	0.014	610
EW	12.4	1.20	0.43	5.0	0.011	560

196901	04 03 25.0 Atlantic Isl. 20.07 N 170.09 W, 42km, m 4.3 ISO
HYC	4P 03 05 30.2, D 28.2
HYC	4P 03 05 42 31.0 (1.0s), m 4.1, D 27.1
196901	04 23 10
Results of Seismic Observations	
at Průhonice, Praha and Kašperské Hory in 1969	
196901	04 07 00.0 Atlantic Isl. 20.21 N 170.34 W, 42km, m 4.4 ISO
HYC	4P 07 10 01.3 (1.0s), m 4.2, D 28.5
HYC	4P 07 10 12.0 (1.0s), m 4.0, D 28.4
196901	04 25 00.0 Atlantic Isl. 18.150 N 170.32 W, 30km, m 4.2 ISO
HYC	4P 25 02 44 28, m 4.0, D 28.4
HYC	4P 25 02 44 30.5, D 28.4
196901	13 04 11.3 N. Atlantic Ridge 24.07 N 41.72 W, 30km, m 4.3 ISO
HYC	4P 13 13 21.5, D 28.2
HYC	4P 13 13 27, D 28.0
196901	21 41 29.7 N. Greece 36.45 N 23.20 E, 19km, m 4.4 ISO
HYC	4P 21 44 56.7, D 24.5
HYC	4P 21 45 02.1, D 24.9
196901	00 16 11.9 N. Atlantic Ridge 30.00 N 41.01 W, 30km, m 4.2 ISO
HYC	4P 00 44 29, D 46.4
HYC	4P 00 44 34.8, D 46.2
HYC	4P 00 44 35, D 46.0
196901	01 05 05.7 N. Atlantic Ridge 30.00 N 41.01 W, 30km, m 4.3 ISO
HYC	4P 01 13 20, D 46.4
HYC	4P 01 13 28.4, D 46.2
HYC	4P 01 13 31, D 46.0
196901	03 13 25.0 Tonga 18.30 S 174.79 W, 30km, m 4.3 ISO
HYC	4P 03 30 37.7, D 146.6
HYC	4P 03 30 38, D 146.6
196901	14 07 01.6 E. of Bougainville 13.90 N 160.55 W, 42km, m 4.1 ISO
HYC	4P 14 10 10 (1.0s), m 3.7, D 27.6
HYC	4P 14 10 25, D 27.6
HYC	4P 14 10 30 (1.0s), m 3.4, D 27.6

JAN01	04 53 38.0 Aleutian Isl. 52.07 N 170.09 W, 38km, m 4.7 ISC
PRU	eP 05 05 36.5, D 78.2
KHC	eiP 05 05 42 (1.6s 30mu), m 5.1, D 79.1
JAN01	06 53 30 W. of Macquarie Isl. 60.33 S 150.4 E, 38km ISC
KHC	ePKHKP 07 13 24, eipPKP2 13 46, D 153.2
PRU	epPKP2 07 13 43, D 153.3
JAN01	09 07 05.2 Aleutian Isl. 51.21 N 179.34 W, 41km, m 5.4 ISC
PRU	eiPC. 09 19 03.3 (0.7s 1.6mu), ei 19 33.5, m 5.5, D 78.5
KHC	iPC. 09 19 08.9 (1.0s 48.5mu), ei 19 46, m 5.5, D 79.4
JAN01	09 25 00.8 Fiji 16.15S 178.32 E, 36km, m 5.2 ISC
KHC	eiPKP 09 44 35, ei 45 02.4, D 144.8
PRU	eiPKP 09 44 38.5, D 143.8
JAN01	13 04 11.3 N. Atlantic Ridge 24.07 N 45.72 W, 33km, m 4.5 ISC
KHC	eP 13 13 21.5, D 52.2
PRU	eP 13 13 27, D 53.0
JAN01	21 41 29.7 S. Greece 36.46 N 23.10 E, 47km, m 4.4 ISC
KHC	eiP 21 44 58.7, D 14.5
PRU	eP 21 45 02.3, D 14.9
JAN02	00 36 11.9 N. Atlantic Ridge 30.50 N 41.93 W, 33km, m 4.6 ISC
KHC	eiP 00 44 29, D 45.4
PRU	eiP 00 44 34.8, D 46.1
PRA	eP 00 44 35, D 46.0
JAN02	01 05 06.7 N. Atlantic Ridge 30.58 N 41.91 W, 33km, m 4.9 ISC
KHC	eP 01 13 20, D 45.4
PRU	eiP 01 13 29.6, D 46.0
PRA	eP 01 13 31, D 46.0
JAN02	03 13 25.6 Tonga 16.30 S 174.79 W, 238km, m 4.3 ISC
PRU	eiPKP 03 32 37.7, D 145.6
KHC	eiPKP 03 32 38, D 146.6
JAN02	14 07 03.6 E. of Kamchatka 53.90 N 160.54 E, 62km, m 5.1 ISC
PRU	eiPC. 14 18 26 (1.0s 33mu), epP 18 45, m 5.2, D 72.6
PRA	eP 14 18 26, D 72.6
KHC	eiP 14 18 32.6 (1.0s 54mu), eisP 19 09.5, m 5.4, D 73.6

JANO2	15 17 35.2 E. Mediterranean Sea 35.28 N 28.18 E, 48km ISC
KHC PRU	eiP 15 21 36.5 (1.2s 32mu), ei 21 53, m 4.3, D 17.5 eP 15 21 38.8, D 17.8
JANO2	17 32 09.9 Tonga 15.20 S 173.54 W, 33km, m 4.7 ISC
PRU KHC	eiPKP 17 51 43.6, D 144.7 eiPKP 17 51 47.2, ei 52 02.1, D 145.7
JANO2	17 50 46.6 S. Sandwich Isl. 56.03 S 27.57 W, 79km, m 5.8 ISC
KHC	ePKIKP 18 09 06, eiPP 10 02.8, D 110.3
JANO2	18 07 07.7 Japan 42.00 N 142.52 E, 71km, m 4.8 ISC
PRU KHC	eiP 18 18 58.8, D 77.7 eiP 18 19 04.7 (1.0s 11mu), m 4.7, D 78.8
JANO2	Unidentified shock
KHC	e 19 29 23, ei 30 15
JANO3	00 18 20.9 S. of Tonga 24.5 S 175.7 W, 68km, m 4.5 ISC
KHC	eiPKP2 00 38 30, D 154.4
JANO3	03 16 37.3 Persia-USSR 37.10 N 57.83 E, 4km, m 5.4 ISC
PRU KHC PRA	eP 03 23 18, ePP 24 23, eSS 30 38, e 33 16, eL 36, (LH: 12s 1.5u), M 4.9, D 33.5 eiP 03 23 23.5 (PV2: 1.5s 45mu), eiPcP 25 45.2, m2 5.4, D 34.0 Lm 03 43 (LH: 12s 2.0u, LV: 12s 1.1u), M 5.0, D 33.5
JANO3	Near shock
PRU	eiPg 12 59 03.5, eSg 59 26, (D 1.6)
JANO3	13 28 14.1 Aleutian Isl. 51.14 N 179.39 W, 38km, m 5.7 ISC
PRA PRU KHC	eP 13 40 12, D 78.5 iPC. 13 40 12.8 (1.0s 53mu), ei 41 10.3, eL 14 10, Lm 20 (LH: 16s 1.0u), m 5.5, M 5.2, D 78.6 eiPC. 13 40 18.5 (1.0s 86mu), ei 41 16, m 5.6, D 79.5
JANO4	Near shock
KHC PRU	ePg 08 43 41, eiSg 44 05.5, (D 1.1) eiPg 08 43 53.8, ei 44 24, ei 44 31.3
JANO4	16 06 57 Kodiak Isl. 57.87 N 154.2 W, 41km, m 4.6 ISC

PRU KHC	eP 16 18 17.3, epP 18 42, D 72.1 eiP 16 18 22.5 (PV2: 1.0s 16mu), m2 5.1, D 72.9
JANO4	18 10 55.5 S. Indian Ocean 25.99 S 68.79 E, 33km, m 5.0 ISC
KHC PRU	eiP 18 23 50.5, D 89.5 eP 18 23 52.3, e 24 13, D 89.6
JANO4	22 36 47.9 Banda Sea 6.80 S 129.79 E, 106km, m 5.6, ISC
PRU KHC	ePKIKP 22 55 08, ePP 55 59, D 111.3 eiPKIKP 22 55 12.5, D 112.1
JANO5	13 05 49.6 Sea of Okhotsk 48.13 N 146.23 E, 493km, m 4.6 ISC
PRU KHC	eiP 13 16 33.8, D 73.8 eiP 13 16 40.5 (1.0s 22mu), m 4.6, D 74.8
JANO5	13 26 42.8 Solomon Isl. 8.03 S 158.94 E, 71km, m 6.2 ISC
KHC PRU PRA	ePKHKP 13 45 21.9, e 45 35, eiPKIKP 45 45.6, i 45 48.0, ei 46 00, eiPP 47 59.8, D 129.8 eiPKHKP 13 45 22.8, e 45 35.3, eiPKIKP 45 43.5, ei 45 58.8, eiPP 47 54, eiPS 58 06, eiPPS 59 36, ei 14 05 28, eL 23, Lm 47.5 (LH: 20s 53mu, LV: 20s 24u), M 7.4, D 128.7 ePKIKP 13 45 46 (PV: 4s 2.5u), ePP 47 54, e 48 09, e 48 13, e(PKS) 49 36, e(PS) 58 19, ePPS 59 45, ePPS 14 05 42, Lm 48 (LH: 20s 48u, LV: 21s 54u), M 7.2, D 128.7
JANO5	15 50 46 Loyalty Isl. 21.47 S 168.7 E, 10km ISC
PRU KHC	ePKP 16 10 24, D 145.0 eiPKP 16 10 27.6, D 146.0
JANO5	16 50 44 Flores Isl. 8.93 S 123.43 E, 31km, m 5.5 ISC
PRU KHC	ePKIKP 17 09 12, ePP 09 45.5, D 108.9 ePKIKP 17 09 04, eiPP 09 44, D 109.7
JANO5	18 52 10 Yugoslavia 42.2 N 20.3 E, 0km ISC
KHC	eiP 18 54 14, ei 55 32, ei 56 11, D 8.4
JANO6	05 47 18.8 Unimak Isl. 53.77 N 163.48 W, 31km, m 4.6 ISC
KHC PRU	eP 05 59 04.5, eiPcP 59 13, D 77.5 eP 05 59 08, eiPcP 59 19.3, D 76.6
JANO6	06 22 03.9 Tonga 17.0 S 173.44 W, 33km, m 4.1 ISC
PRU KHC	eiPKIKP 06 41 44.5, D 146.4 eiPKHKP 06 41 47.4, D 147.4

JAN06	12 29 14.8 S. of Fiji 22.66 S 179.28 E, 620km, m 4.5 ISC
PRU	eiPKIKP 12 47 53.2, eiPKP2 48 07, e 50 24, D 150.2
KHC	eiPKHKP 12 48 00, eiPKP2 48 12, D 151.3
JAN06	15 30 20 Kermadec Isl. 30.25 S 177.80 W, 51km, m 5.3 ISC
PRU	ePKIKP 15 50 11, eiPKP2 50 45.5, D 158.2
KHC	eiPKIKP 15 50 12.2, eiPKP2 50 50, D 159.3
PRA	ePKP2 15 50 45, D 158.2
JAN06	15 39 01.3 Santa Cruz Isl. 10.57 S 164.46 E, 32km, m 6.2 ISC
KHC	eiPKHKP 15 58 08.6, eiPKIKP 58 18.5, eiPP 16 00 52.8, D 134.6
PRU	eiPKIKP 15 58 17.8, eiPP 16 00 42, e 10 56, ei 13 36, eSS 18 30, Lm 55 (LH: 25s 50u, LV: 26s 30u), M 7.1, D 133.5
PRA	ePKIKP 15 58 19, ePP 16 00 52, e 01 16, e 13 50, e 19 10, Lm 59 (LH: 19s u, LV: 20s 29u), M 7.2, D 133.5
JAN06	17 33 40.4 Santa Cruz Isl. 10.76 S 164.46 E, 33km, m 5.4 ISC
PRU	eiPKIKP 17 52 56, D 133.7
KHC	eiPKIKP 17 52 57, ei 53 06, D 134.7
JAN06	20 50 18 Kermadec Isl. 30.2 S 177.8 W, 133km, m 4.6 ISC
KHC	ePKIKP 21 10 02, ePKP2 10 39, D 159.2
PRU	ePKP2 21 10 35, D 158.1
JAN06	22 03 28.9 N. Italy 44.14 N 10.80 E, 33km, m 4.1 ISC
KHC	iPn 22 04 47.8, eiPg 05 16.5, eiSn 05 50.5, D 5.3
PRU	ePn 22 05 01.5, ei 05 36, eiSn 06 11.5, ei 06 29, eiSg 06 54, Lm 07.6 (LH: 8s 0.8u), M 3.6, D 6.4
PRA	e 22 05 43, e 07 00, D 6.4
JAN06	22 59 37.9 Loyalty Isl. 21.10 S 168.3 E, 33km, ISC
KHC	eiPKP 23 19 12, D 145.5
JAN07	00 50 45 Ionian Sea 38.0 N 20.2 E, 35km ISC
KHC	eiP 00 53 33.6, ei 54 24.8, D 12.2
PRU	eP 00 53 50, Lm 59.5 (LH: 10s 1.3u), M 4.1, D 12.7
JAN07	Unidentified shock
KHC	eP 00 55 43, ei 56 11.4
JAN07	01 14 15.6 E. New Guinea 6.20 S 146.44 E, 111km, m 5.2 ISC
KHC	ePKIKP 01 33 02, eiPKP 33 29, D 121.7

JAN07	04 40 21.9 New Hebrides 16.00 S 167.50 E, 43km, m 4.8 ISC
KHC	ePKHKP 04 59 35, eiPKIKP 59 49, ei 05 00 33, D 140.7
PRU	ePKIKP 04 59 48, D 139.7
JAN07	07 01 53.0 Ryukyu Isl. 26.16 N 129.58 E, 42km, m 5.3 ISC
PRU	eiP 07 14 25.8 (1.7s 55mu), epP 14 35, m 5.5, D 84.9
PRA	eP 07 14 26, D 84.9
KHC	eiP 07 14 31 (1.7s 38mu), m 5.3, D 85.9
JAN07	17 46 43 Santa Cruz Isl. 10.71 S 164.46 E, 10km, m 5.3 ISC
KHC	ePKIKP 18 06 07, D 134.7
JAN07	21 57 08.9 E. of Kamchatka 51.9 N 158.4 E, 33km, m 4.8 ISC
PRU	eP 22 08 43, D 74.0
KHC	eiP 22 08 49.4 (1.1s 24mu), eiPcP 09 06, ei 09 16.5, m 5.1, D 75.0
JAN08	Explosion of 2.7 Tons: Czechoslovakia 49.84 N 14.84 E PRU
PRU	eiPg 10 26 26.5m iSg 26 29.5, D 0.23
JAN08	Near shock
PRU	eiPg 14 28 47, eSg 29 15, (D 2.2)
KHC	ePg 14 28 50, eiSg 29 21, (D 2.4)
JAN08	23 48 25.5 Crimea 44.92 N 36.8 E, 34km, m 4.7 ISC
KHC	eiP 23 52 17.4, D 16.4
JAN09	09 28 28.0 Poland 50.27 N 19.01 E, m 2.8 WAR
PRU	eiPg 09 29 19.5, eiSg 29 56, D 2.9
KHC	ePn 09 29 30, eiSg 30 20.2, D 3.7
JAN09	Near shock
PRU	iPg 11 08 34.2, iSg 08 54.2, (D 1.5)
KHC	e 11 08 55, eiSg 09 15.5
JAN09	11 48 50.2 Fiji 18.95 S 179.52 E, 662km, m 4.3 ISC
PRU	eiPKIKP 12 07 21, D 146.8
KHC	eiPKIKP 12 07 22, D 147.8
JAN09	Near shock

PRU KHC	eiPg 13 41 06, ei 41 13, eiSg 41 22.5, (D 1.3) e 13 41 09.5, ei 41 18.5
JAN09	13 43 07.7 New Britain 6.60 S 148.01 E, 62km, m 5.1 ISC
PRU KHC	ePKIKP 14 01 58, D 121.9 ePKIKP 14 02 00, D 122.9
JAN09	18 53 05.4 S. of Fiji 25.25 S 178.45 E, 575km, m 4.8 ISC
PRU	ePKHKP 19 11 57.5, D 152.3
JAN10	01 23 12 Turkey 39.8 N 40.2 E, 56km, m 4.5 ISC
PRU KHC	eP 01 27 49, D 20.7 eP 01 27 50, D 21.1
JAN10	03 20 56.0 Ryukyu Isl. 29.00 N 130.65 E, 41km, m 5.4 ISC
PRU PRA KHC	eiP 03 33 20 (1.8s 60mu), eipP 33 30.3, eL 04 04, Lm 14 (LH: 15s 3.4u, LV: 15s 1.4u), m 5.5, M 5.9, D 83.1 eP 03 33 20, Lm 04 14 (LH: 15s 4.1u, LV: 16s 4.7u), M 5.9, D 83.1 eiP 03 33 24.5 (1.1s 23mu), eipP 33 35.4, m 5.3, D 84.2
JAN10	04 32 03.4 Greece-Albania 39.23 N 19.97 E, 37km, m 4.5 ISC
KHC PRU	eiP 04 34 37, ei 34 57.6, ei 36 01.8, D 10.9 eiP 04 34 46, e 35 06, D 11.4
JAN10	Near shock
PRU KHC	ePn 09 46 13.5, eiPg 46 19.3, eiSg 46 55, (D 2.7) e 09 46 22, e 46 43, eiSg 47 18
JAN10	Near shock
PRU KHC	ePg 12 07 05, eSg 07 17, (D 1.0) ePg 12 07 21, eiSg 07 41.2, (D 1.5)
JAN10	Probably explosion
PRU KHC	ei 13 58 21, ei 58 29 ePg 13 58 33, eiSg 58 51, (D 1.4)
JAN10	16 17 32 N. Italy 44.47 N 12.08 E, 22km, m 4.4 ISC
KHC PRU PRA	eiPn 16 18 42.8, eiPg 19 06, iSn 19 38.8, D 4.8 eiPn 16 18 56.8, eiPg 19 25, eiSn 20 01, eSg 20 48, Lm 21.8 (LH: 11s 1.0u), M 3.6, D 5.8 eSn 16 19 59, D 5.8

JAN11	04 26 23 Kermadec Isl. 28.33 S 176.79 W, 35km, m 5.4 ISC
KHC PRU	ePKHKP 04 46 30, ePKP2 46 49.6, D 157.8 ePKP2 04 46 45, ei 47 17, eiPP 50 18, e 05 10.1, eL 46, Lm 06 03.8 (LH: 20s 2.3u), M 5.9, D 156.7
JAN11	04 47 41 Kermadec Isl. 28.46 S 176.66 W, 50km, m 5.0 ISC
PRU KHC	eiPKP2 05 08 02, D 156.9 eiPKP2 05 08 07, D 157.9
JAN11	05 02 56 Kermadec Isl. 28.7 S 176.9 W, 54km, m 5.0 ISC
KHC PRU	eiPKP2 05 23 19, D 158.0 ePKP2 05 23 25, D 157.0
JAN11	06 27 31.2 Fiji 17.66 S 178.79 W, 554km, m 4.5 ISC
PRU KHC	ePKP 06 46 10, D 146.0 ePKIKP 06 46 10, ei 46 13.5, D 147.0
JAN11	10 21 47 Greece 38.08 N 20.18 E, 4km ISC
KHC PRU	eP 10 24 40, ei 25 04, D 12.0 eP 10 24 46, e 27 19, D 12.6
JAN11	11 58 43 Ascension Isl. 10.20 S 13.17 W, 3km, m 4.9 ISC
KHC PRU	eiP 12 09 15.5 (2.1s 58mu), eiPP 11 35, m 5.4, D 63.6 eP 12 09 23, eL 33, Lm 39 (LE: 16s 0.7u), (M 4.9), D 64.7
JAN12	17 31 32.3 Mid-Atlantic Ridge 0.6 N 26.99 W, 33km, m 4.6 ISC
KHC	eiP 17 41 34.5, D 59.6
JAN12	Unidentified shock
PRU KHC	eiPD. 20 52 39 eiP 20 52 41, ei 52 49.5
JAN13	05 46 40.4 Greece 38.31 N 22.52 E, 46km, m 4.8 ISC
KHC PRU	eiP 05 49 35, D 12.6 eP 05 49 46, ei 50.7, D 13.0
JAN13	07 57 07.6 Crete 34.57 N 24.93 E, 60km, m 4.5 ISC
KHC PRU	eiPD. 08 01 02 (0.8s 32mu), m 4.6, D 16.8 eP 08 01 06.3, D 17.2
JAN13	08 55 05.9 Solomon Isl. 7.95 S 158.97 E, 66km, m 5.5 ISC

PRU KHC	eiPKIKP 09 14 07.8, D 128.7 eiPKIKP 09 14 09.6, D 129.7
JAN13	Near shock
PRU	eiPg 14 54 32.3, eiSg 54 51.3, (D 1.4)
JAN13	21 24 21.5 Tonga 19.2 S 173.2 W, 33km, m 4.8 ISC
PRU KHC	ePKHKP 21 44 09, D 148.7 eiPKHKP 21 44 12, D 149.7
JAN14	00 59 16.3 N. Italy 46.32 N 12.90 E, Okm ISC
KHC PRU PRA	eiPn 01 00 03, ei 00 10.6, eiSn 00 35.8, D 2.9 eiPn 01 00 16.8, eiPg 00 27, eSn 01 01, eiSg 01 17.5, D 3.8 eSg 01 01 16, D 3.9
JAN14	11 26 06 Tonga 20.40 S 175.53 W, 5km, m 4.9 ISC
PRU KHC	ePKHKP 11 45 57, D 149.4 ePKHKP 11 46 00, D 150.4
JAN14	Near shock
PRU	eiPg 14 23 08.3, eiSg 23 27.3, (D 1.4)
JAN14	Near shock
KHC PRU	eiPg 14 45 08.2, eiSg 45 15, (D 0.55) iPg 14 45 19.8, iSg 45 35.3, (D 1.2)
JAN14	16 02 00.6 Japan 37.53 N 141.59 E, 58km, m 5.0 ISC
PRU KHC	eP 16 14 11.5, D 81.1 eiP 16 14 17, D 82.2
JAN14	23 12 06.2 Turkey 36.11 N 29.19 E, 22km, m 5.6 ISC
KHC PRU PRA	iP 23 16 08.5 (2.0s 667mu), iS 19 25.2, m 5.4, D 17.3 eiP 23 16 10 (PH: 8s 4.4u, PV: 8s 2.3u), ei 16 58, eiS 19 24 (SH: 12s 33u), ei 19 44, Lm 22 (LH: 20s 110u), M 6.0, MPH 5.7, MPV 5.4, MSH 5.5, D 17.5 eP 23 16 13 (PH: 4s 6.2u, PV: 4s 5.7u), e(PP) 16 27, eS 19 34, Lm 23 (LH: 10s 56u, LV: 11s 28u), M 6.3, MPV 6.0, MPH 6.2, D 17.6
JAN15	08 46 29.0 Rumania 45.62 N 26.55 E, 129km, m 4.6 ISC
KHC	eiPD. 08 48 44, ei 50 39.5, D 9.5

JAN15	Near shock
PRU KHC	iPg 12 37 50.4, e 37 57 ePg 12 38 02, eiSg 38 16, (D 1.1)
JAN15	19 30 00.0 Nuclear Explosion "WINESKIN" 37.25 N 116.22 W USAEC, m 5.3 ISC
PRU KHC	eiP 19 42 27.6 (1.5s 71mu), m 5.7, D 82.9 eiPD. 19 42 28.7 (1.0s 27mu), m 5.4, D 83.2
JAN15	22 05 38.3 Poland 50.35 N 18.84 E, m 3.2 WAR
PRU KHC PRA	eiPn 22 06 22.8, eiPg 06 31, ei 06 47.3, eiSn 06 58, eiSg 07 07, D 2.8 ePn 22 06 35, ei 06 45.5, eiSg 07 33.5, D 3.6 eSg 22 07 07, D 2.8
JAN16	Near shock
PRU KHC	eiPg 08 58 17.5, eiSg 58 36, (D 1.4) ePg 08 58 18, eiSg 58 38.2, (D 1.5)
JAN16	11 06 35.6 Tonga 23.79 S 175.86 W, 45km, m 5.0 ISC
PRU KHC	eiPKHKPC. 11 26 28, D 152.6 eiPKHKP 11 26 30.3, eiPKP2 26 43.5, D 153.6
JAN16	Near shock
PRU KHC	eiPg 12 36 22, ei 36 35 eiPg 12 36 26, eiSg 36 42, (D 1.2)
JAN16	Probably explosion
PRU KHC	eiPg 12 59 45.5, eiSg 13 00 10.3, (D 1.8) e 13 00 01, eiSg 00 31
JAN16	15 20 40 Ryukyu Isl. 27.55 N 129.18 E, 19km, m 4.9 ISC
PRU KHC	eP 15 33 06, eipP 33 18, D 83.5 eiP 15 33 13.2, eipP 33 24.8, D 84.6
JAN16	15 35 17.0 Japan 40.12 N 142.38 E, 60km, m 4.5 ISC
PRU KHC	eP 15 47 19, eisP 47 31.8, D 79.3 eiP 15 47 24, D 80.3
JAN16	Unidentified shock
KHC	e 19 19 03, ei 20 11.8, ei 20 22

PRU	e 19 19 22, e 19 32, e 20 19, e 20 42
JAN16	19 44 52.7 Dodecanese Isl. 36.07 N 28.73 E, 0km ISC
KHC	eP 19 48 55, D 17.1
JAN17	04 44 36.6 Samoa 15.6 S 172.6 W, 33km, m 4.5 ISC
PRU	ePKP 05 04 12, D 145.2
KHC	eiPKP 05 04 18, D 146.2
JAN17	Near shock
KHC	eiPg 12 02 28, eiSg 02 49, (D 1.4)
JAN17	Near shock
PRU	iPgC. 20 25 39.4, i 25 41.4, iSg 25 43.9, (D 0.35)
PRA	e 20 26 35, e 26 45
KHC	eiPg 20 26 52, iSg 27 09.5, (D 1.3)
JAN18	03 02 38.8 S. Sandwich Isl. 56.81 S 26.93 W, 138km, m 6.0 ISC
KHC	eiPKIKP 03 21 02.5, eiPP 21 38.8, D 110.8
PRU	ePKIKP 03 21 04.5, Lm 04 04.5 (LN: 18s 2.2u), (M 6.2), D 111.8
JAN18	03 50 03 Celebes 3.14 S 118.93 E, 104km, m 5.1 ISC
PRU	e 04 07 02, eSS 22 38, eL 42, Lm 52 (LN: 20s 1.5u), (M 5.9), D 101.6
JAN18	03 55 46 Celebes 2.99 S 118.92 E, 53km, m 5.2 ISC
PRU	e 04 12 50, D 101.9
KHC	ePP 04 13 48, D 102.4
JAN18	Near shock
PRU	e 12 34 14, e 34 28
KHC	ePg 12 34 19.5, eiSg 34 32, (D 1.6)
JAN18	16 28 56.2 Tonga 23.8 S 175.66 W, 33km, m 4.4 ISC
PRU	ePKP2 16 49 02, D 152.7
JAN18	17 14 20.4 Tonga 23.4 S 175.5 W, 33km, m 4.6 ISC
PRU	ePKHKP 17 34 15, D 152.3
JAN19	Near shock

PRU	eiPg 00 30 40.3, eiSg 30 44.8, (D 0.35)
KHC	ePg 00 30 55, eiSg 31 12, (D 1.3)
JAN19	03 22 32 Philippine Isl. 19.3 N 121.0 E, 52km ISC
PRU	eP 03 35 06.5, D 85.5
JAN19	07 02 07.9 Japan 44.89 N 143.21 E, 238km, m 6.3 ISC
PRU	eiPC. 07 13 27.3 (2.1s 3180mu, PH: 3s 7.5u, PV: 4s 12u), ei 14 02.3, eipP 14 24.3, e 17 16, ei 17 38, eiS 22 40.3 (SH: 10s 33.3u), ei 24 20, Lm 45 (LH: 10s 37u), m 6.7, M 7.7, MPH 7.2, MPV 7.0, MSH 7.1, D 75.5
PRA	iPC.S. 07 13 27.8 (PV: 4s 29u), eS 22 47 (SH: 6s 90u, SV: 6s 27u), eScS 23 15, eSP 23 31, Lm 41 (LH: 9.5s 29u, LV: 12s 17u), M 7.7, MPV 7.4, MSH 7.8, D 75.5
KHC	eiPC. 07 13 33.2, eipP 14 24.1, ei 17 41.5, eiS 22 53.6, D 76.6
JAN19	18 04 24.8 Japan 41.21 N 142.59 E, 57km, m 4.8 ISC
PRU	eP 18 16 21.3, D 78.4
KHC	eP 18 16 22, eipP 16 44, D 79.5
JAN19	18 50 52.4 New Hebrides 14.89 S 167.22 E, 114km, m 6.2 ISC
PRU	eiPKHKP 19 09 57, iPKIKP 10 06.5, eisPKP 10 48, eiPP 12 52, isPP 13 31.3, eiPKKS 23 01, ei 23 48, eiSS 31 01, eL 54.5, Lm 20 15.1 (LH: 19s 8.2u), M 6.8, D 138.5
KHC	eiPKHKP 19 09 59.8, eiPKIKP 10 08.7, eisPKP 10 52.8, eisPP 13 34.1, ei 22 09.4, D 139.6
PRA	ePKHKP 19 10 01, ePKIKP 10 07, e 10 17, esPKP 10 50, e 11 07, ePP 13 03, eSKP 13 32, ePKS 13 43, e 14 40, D 138.5
JAN20	04 46 09.8 Santa Cruz Isl. 10.33 S 164.62 E, 33km, m 4.8 ISC
KHC	ePKHKP 05 05 18, eiPKIKP 05 32.4, D 134.4
JAN20	05 59 40 Adriatic Sea 43.3 N 14.4 E, 4km ISC
KHC	eiPn 06 01 09.5, eiPg 01 35, ei 02 22.8, D 5.8
PRU	ePn 06 01 20, eiPg 01 52, ei 03 11.3, eiSg 03 29, D 6.7
PRA	e 06 03 42, D 6.7
JAN20	12 24 35 Santa Cruz Isl. 10.35 S 164.66 E, 5km, m 5.5 ISC
PRU	ePKIKP 12 43 55, eiPP 46 18, ei 47 28, e 13 03 47, eL 28, Lm 40 (LH: 24s 6.8u, LV: 24s 3.7u), M 6.3, D 133.4
KHC	eiPKIKP 12 43 57.2, ei 44 04.2, D 134.5
PRA	e 12 46 21, ePP 46 23, ePKS 47 31, Lm 13 40, D 133.4
JAN20	Near shock
PRU	eiPg 12 59 27.8, eiSg 59 52.3, (D 1.8)

KHC	ePg 12 59 35, e 13 00 07.5
JAN20	14 20 10.6 Komandorsky Isl. 54.84 N 166.00 E, 17km, m 6.0 ISC
PRA	ePC. 14 31 40 (PV: 2s 1.1u), esP 31 47, ePP 34 31, eS 41 06, Lm 15 11 (LH: 12s 2.2u, LV 12s 2.1u), M 6.6, MPV 6.7, D 72.8
PRU	iPC. 14 31 40.3 (1.5s 231mu), ei 32 26.3, eiPP 34 19.3, eS 41 00, eL 46, Lm 15 06 (LH: 17s 2.8u), m 6.1, M 5.6, D 72.8
KHC	iPC. 14 31 46.2 (1.3s 336mu), eiPP 34 26, m 6.2, D 73.8
JAN21	01 47 27 S. Sumatra 4.73 S 103.0 E, 117km, m 5.1 ISC
KHC	eP 02 00 30.5, D 93.2
JAN21	01 47 35 Banda Sea 7.48 S 128.37 E, 140km, m 5.2 ISC
KHC	ePKIKP 02 05 53.5, D 111.8
JAN21	04 07 45 Tonga 19.2 S 175.58 W, 33km, m 4.7 ISC
KHC	eiPKP 04 27 29, D 149.2
JAN21	08 05 42 N. Atlantic Ridge 28.67 N 43.59 W, 48km, m 5.1 ISC
KHC	eiPC. 08 14 14.9 (1.2s 22mu), m 5.2, D 47.7
PRA	eP 08 14 21 (PV: 5s 1.2u), eaP 14 38, ePP 16 15, e 16 36, ePPP 17 08, e(S) 21 32 (SH: 10.5s 2.3u), e(SS) 25 10, Lm 31 (LH: 20.5s 5.5u, LV: 20s 4.1u), M 5.6, MPV 6.3, MSH 6.0, D 48.3
PRU	eiPC.E. 08 14 21.8 (2.0s 54mu, PH: 4s 0.8u), eiPP 16 12, eiPPP 17 08, eiS 21 25 (SH: 12s 3u), e 24 50, eL 27, Lm 31 (LH: 20s 2.6u), m 5.3, M 5.2, MPH 6.4, MSH 6.1, D 48.4
JAN21	10 23 20.3 N. Atlantic Ridge 28.5 N 43.8 W, 33km, m 4.5 ISC
KHC	eP 10 31 53, D 47.9
PRU	eP 10 32 01, ei 32 07.3, D 48.6
JAN21	11 00 Explosion of 7.7 Tons: Czechoslovakia 50.08 N 16.30 E
PRU	eiPg 11 00 36.8, iSg 00 53.3, D 1.1
KHC	ePg 11 00 51, eiSg 01 17.7, D 2.0
JAN21	14 37 13 Tadzhikistan 38.32 N 69.59 E, 24km, m 4.8 ISC
PRU	eP 14 44 51 (1.0s 15mu), ePP 46 24, eL 58, Lm 15 03.5 (LN: 15s 1u), m 4.6, (M 4.8), D 40.3
KHC	eiP 14 44 56.5 (1.0s 22mu), m 4.2, m 4.8, D 41.0
JAN21	20 38 04 Loyalty Isl. 21.91 S 169.78 E, 46km, m 4.9 ISC
PRU	eiPKP 20 57 38.8 (1.0s 23mu), ei 57 49.3, D 145.9

PRA KHC	ePKP 20 57 39, D 145.9 eiPKPC. 20 57 41.2, ei 58 05, D 146.9
JAN21	21 09 56 Norwegian Sea 73.78 N 14.2 E, 10km, m 4.6 ISC
PRU	eP 21 15 11, ei 15 26, D 23.9
JAN21	23 12 15.5 E. of Kamchatka 55.94 N 162.90 E, 71km, m 4.8 ISC
PRU KHC	eiPC. 23 23 29.3 (1.0s 16mu), m 5.1, D 71.2 eiP 23 23 35.4 (1.0s 19mu), m 5.0, D 72.2
JAN22	00 42 31.4 E. of Kamchatka 55.85 N 163.00 E, 46km, m 5.6 ISC
PRU	eiPC. 00 53 48.5 (1.0s 91mu), esP 54 03, eL 01 22, Lm 30.3 (LH: 14s 1.5u, LV: 14s 0.8u), m 5.9, M 5.4, D 71.3
PRA KHC	eP 00 53 48, esP 54 04, Lm 01 28 (LH: 12s 0.9u), M 5.2, D 71.3 iPC. 00 53 54.2 (1.1s 115mu), eipP 54 05.4, m 5.9, D 72.3
JAN22	01 17 53 Loyalty Isl. 22.1 S 170.1 E, m 5.3 NOU
KHC	ePKIKP 01 37 30, D 147.2
JAN22	03 17 32.6 E. of Kamchatka 55.84 N 162.91 E, 31km, m 5.0 ISC
PRU KHC	eiPC. 03 28 51.3, ePcP 29 13, D 71.3 eiP 03 28 57.8 (1.0s 13mu), eiPcP 29 19.2, m 5.0, D 72.3
JAN22	03 54 29.8 E. of Kamchatka 55.90 N 162.96 E, 25km, m 4.7 ISC
PRU KHC	eiP 04 05 49.8 (0.8s 16mu), m 5.2, D 71.2 eiP 04 05 55.8, D 72.3
JAN22	17 14 43.7 Kurile Isl. 49.30 N 155.53 E, 59km, m 5.4 ISC
PRU	eiP 17 26 23.8 (1.2s 30mu), eipP 26 50.3, eL 53, Lm 18 03 (LH: 20s 2.4u), m 5.1, M 5.6, D 75.6
PRA KHC	eP 17 26 24, Lm 18 03, D 75.5 eiP 17 26 29.6 (1.0s 43mu), eisP 26 54.5, m 5.3, D 76.6
JAN22	19 42 20 W. Pakistan 32.24 N 69.92 E, 23km, m 4.6 ISC
PRU	eP 19 50 29, D 44.3
JAN23	05 16 39 S. Atlantic Ridge 14.03 S 14.48 W, 60km, m 4.6 ISC
KHC PRU	eP 05 27 30, D 67.6 eP 05 27 36.5, D 68.7
JAN23	Near shock

PRU KHC	eiPg 08 52 33.3, eiSg 52 53.3, (D 1.5) e 08 52 52, eiSg 53 05.8
JAN23	Near shock
KHC PRU	e 14 54 11, eSg 54 51 ePg 14 54 14, eSg 54 53, (D 3.0)
JAN23	18 28 28.8 Spain 39.57 N 0.83 W, 0km, m 4.4 ISC
KHC PRU PRA	eP 18 31 52, e 35 01.5, ei 36 36.7, D 14.0 e 18 36 50, e 37 09.5, D 15.1 e 18 37 14, D 15.1
JAN24	02 33 03.4 Fiji 21.87 S 179.54 W, 587km, m 5.9 ISC
PRU PRA KHC	iPKIKPD. 02 51 42.6, iPKHKP 51 49.1, eipPKP 54 02, i 54 10, eisPKP 55 08, eiSKKS 03 01 20, ePSKS 05 28, eiSS 13 48, Lm 48 (LH: 19s 1u), D 149.8 iPKIKP 02 51 42.6, iPKHKP 51 49.0, iPKP2 51 57.3, epPKP 54 07, eSKP 54 22, ePP 55 26, eSKKS 03 01 21, e 10 00, eSS 13 56, D 149.8 iPKIKP 02 51 43.5, iPKHKP 51 51.2, eipPKP 54 07.3, ei 55 29.6, D 150.9
JAN24	Unidentified shock
PRU KHC	e 07 33 46 ei 07 33 49.4
JAN24	08 59 Explosion of 8 Tons: Czechoslovakia 49.18 N 13.52 E PRU
KHC PRU	iPg 08 59 52.2, D 0.06 eiPg 09 00 10.8, e(Sg) 00 26, D 1.1
JAN24	Near shock
PRU KHC	iPg 12 00 41.8, eiSg 01 01.8, (D 1.5) ePg 12 00 57, eiSg 01 23.5, (D 2.0)
JAN24	Near shock
PRU	eiPg 12 13 59.8, eiSg 14 18.8, (D 1.4)
JAN24	Near shock
KHC	eiPg 14 13 01, eiSg 13 18.8, (D 1.3)
JAN25	05 19 17.1 Molucca Passage 0.77 N 126.02 E, 24km, m 5.9 ISC
PRU	eiPC. 05 33 16.3 (1.9s 39mu), ei 33 37, e 36 33, ePP 37 28, e 43 50, eSS 52 06, eL 06 08, Lm 23 (LH: 24s 3.8u), m 5.8,

KHC PRA	M 5.9, D 103.1 eiP 05 33 20.5 (2.0s 58mu), ei 36 22.2, eiPP 37 29, m 6.1, D 103.9 Lm 06 23, D 103.1
JAN25	11 05 49.8 S. of Kermadec Isl. 32.29 S 177.8 W, 14km, m 4.6 ISC
PRU KHC	ePKP2 11 26 30, D 160.1 eiPKP2 11 26 34.5, D 161.1
JAN25	Near shock
PRU	eiPg 11 37 32.3, eiSg 37 46.3, D 1.1
JAN25	12 10 13.1 E. of Kamchatka 55.94 N 162.98 E, 31km, m 4.9 ISC
PRU KHC	eiPC. 12 21 31.3 (1.5s 24mu), m 5.1, D 71.2 eiPC. 12 21 37.5 (1.3s 25mu), eipP 21 48.5, m 5.2, D 72.2
JAN25	Near shock
PRU	eiPg 14 48 01.5, eiSg 48 17.5, (D 1.2)
JAN25	20 58 06 Greece 38.89 N 21.58 E, 0km ISC
KHC	eiP 21 00 58, D 11.7
JAN25	23 34 28.4 India - E.Pakistan 22.98 N 92.40 E, 49km, m 5.2 ISC
PRU KHC	iPD. 23 45 06.8, eisP 45 20.3, D 65.1 eiP 23 45 11.2, D 65.8
JAN26	23 52 42 W. of Macquarie Isl. 54.3 S 144.2 E, 33km, m 4.5 ISC
PRU KHC	ePKHKP 00 12 28, D 149.3 eiPKHKP 00 12 31, D 149.5
JAN26	02 25 53 Persia 36.81 N 54.47 E, 17km, m 4.7 ISC
KHC PRU	eP 02 32 17, D 32.0 eP 02 32 18, ei 32 22.6, D 31.5
JAN26	06 06 07.1 Philippine Isl. 6.61 N 127.38 E, 61km, m 5.3 ISC
PRU KHC	eP 06 19 44.8, D 99.3 eiP 06 19 48.5, D 100.2
JAN26	09 59 10.0 Tadzhikistan - Sinkiang 38.38 N 73.90 E, 109km, m 5.1 ISC
PRU	eP 10 07 01, e 07 33, D 43.0

KHC	eiP 10 07 06.3 (1.1s 17mu), ei 07 38.5, m 4.8, D 43.8
JAN26	14 26 18.5 Algeria 35.60 N 5.88 E, 38km, m 4.6 ISC
KHC PRU	eiP 14 29 43, D 14.7 eP 14 30 01, e 30 08, D 15.7
JAN26	15 05 35.3 E. of Kamchatka 55.84 N 162.86 E, 33km, m 5.4 ISC
PRU PRA KHC	eiPC. 15 16 54 (1.6s 58mu), ei 17 29, ePP 19 25, e 21 27, eS 26 14, e 27 00, eSS 31.0, e 34 40, eL 44, Lm 53.7 (LH: 14s 7.4u, LV: 14s 2.8u), m 5.5, M 6.1, D 71.3 eP 15 16 54 (PV: 4s 0.9u), e(sP) 17 05, ePPS 27 00, Lm 54 (LH: 14s 5.8u, LV: 14s 7.4u), M 6.0, MPV 6.3, D 71.2 eiPC. 15 16 59.5 (1.2s 43mu), eipP 17 10.5, m 5.5, D 72.3
JAN26	15 18 46 E. of Kamchatka 55.87 N 162.88 E, 43km, m 4.5 ISC
PRU KHC	eP 15 30 04, D 71.3 eP 15 30 10, D 72.3
JAN26	15 39 59.5 Taiwan 25.09 N 122.53 E, 154km, m 4.9 ISC
PRU KHC	eP 15 52 03, epP 52 42, D 81.9 eiP 15 52 08.7, D 82.8
JAN26	15 49 02 E. of Kamchatka 55.85 N 162.92 E, 56km, m 4.7 ISC
PRU KHC	eP 16 00 18, D 71.3 eiP 16 00 24, D 72.3
JAN26	16 26 14.0 E. of Kamchatka 56.00 N 162.88 E, 19km, m 4.7 ISC
PRU KHC	eP 16 37 34, D 71.2 eiP 16 38 39, D 72.2
JAN26	16 45 14.9 E. of Kamchatka 55.92 N 162.93 E, 33km, m 5.0 ISC
PRU KHC	eiPC. 16 57 32.8 (0.8s 21mu), m 5.3, D 71.2 eiPC. 16 56 39.4 (1.1s 32mu), m 5.4, D 72.2
JAN26	16 48 53 E. of Kamchatka 55.89 N 162.91 E, 25km, m 5.0 ISC
PRU KHC	eiPC. 17 00 12 (1.1s 23mu), eisP 00 20, m 5.2, D 71.3 eiPC. 17 00 18 (1.1s 27mu), m 5.3, D 72.3
JAN26	17 26 38.9 Tonga 20.6 S 174.3 W, 33km, m 4.7 ISC
PRU KHC	eiPKHKP 17 46 27.8, D 149.8 eiPKHKP 17 46 30, D 150.8

JAN27	02 54 40.0 Kermadec Isl. 30.55 S 177.03 W, 33km, m 4.9 ISC
PRU KHC	ePKIKP 03 14 36, eiPKP2 15 11, Lm 46.4 (LH: 18s 1u), M 5.5, D 158.7 eiPKIKP 03 14 37, eiPKP2 15 16.5, D 159.8
JAN27	03 09 16.1 Kermadec Isl. 30.53 S 176.97 W, 24km, m 5.0 ISC
PRU KHC	ePKP2 03 29 49, D 158.7 ePKP2 03 29 53.5, D 159.8
JAN27	06 37 55.6 E. of Severnaya Zemlya 80.63 N 122.0 E, 27km, m 5.0 ISC
PRA KHC	eP 06 46 01, Lm 07 06 (LE: 16s 1.8u), (M 5.0), D 43.7 eiPD. 06 46 08.5 (1.2s 29mu), ei 46 17, ei 48 06, m 5.1, D 44.8
JAN27	10 01 01.4 Kermadec Isl. 31.09 S 179.46 W, 263km, m 4.8 ISC
KHC PRA	eiPKIKP 10 20 28.4, iPKP2 21 08.5, D 159.4 ePKP2 10 21 03, D 158.4
JAN27	10 06 23.3 Fiji 14.89 S 177.43 W, 369km, m 4.6 ISC
PRU KHC	eiPKP 10 25 14.2, D 143.7 eiPKP 10 25 17, D 144.7
JAN27	10 33 46.6 E. of Kamchatka 55.85 N 162.87 E, 33km, m 4.4 ISC
PRU KHC	eP 10 45 04, ei 45 11.8, D 71.3 eiP 10 45 12.2, D 72.3
JAN27	10 59 31.6 Afghanistan - USSR 37.21 N 71.37 E, 94km, m 4.8 ISC
PRU KHC	eP 11 07 17, D 42.1 eP 11 07 22, D 42.8
JAN27	13 15 24.8 W. Caroline Isl. 8.80 N 137.82 E, 5km, m 5.5 ISC
PRU KHC PRA	eP 13 29 28, eiPP 33 46, e 42 08, ePS 42 56, eSS 48 36, eL 14 04, Lm 21.3 (LH: 18s 4.6u, LV: 18s 2.8u), M 6.0, D 103.5 eiP 13 29 32, eiPP 33.43, D 104.5 ePP 13 33 49, Lm 14 22 (LH: 18.5s 5.6u, LV: 19s 4.5u), M 6.1, D 103.5
JAN27	14 40 02.3 S. China Sea 12.43 N 114.37 E, 68km, m 5.0 ISC
PRU KHC	eP 14 52 41.3, D 86.8 eP 14 52 45, D 87.6
JAN27	18 24 24.1 New Hebrides 13.22 S 166.89 E, 140km, m 5.0 ISC

KHC PRU	eiPKIKP 18 43 33.6, ei 46 20.5, D 138.0 ePKIKP 18 43 34, D 136.9
JAN27 PRU KHC	18 37 42.9 Japan 43.71 N 140.86 E, 224km, m 4.6 ISC eP 18 49 05.3, D 75.6 eiP 18 49 11.5, D 76.7
JAN27 PRU KHC	18 41 46.1 New Hebrides 20.40 S 169.58 E, 57km ISC ePKP 19 01 14, D 144.5 eiPKP 19 01 17.3, D 145.5
JAN28 KHC	00 04 01 Tonga 15.7 S 174.8 W, m 4.3 LAO ePKP 00 23 45, D 146.0
JAN28 PRU KHC	00 25 28.0 Philippine Isl. 19.03 N 120.93 E, 83km, m 4.4 ISC e 00 38 12, D 85.7 e 00 38 19.5, D 86.6
JAN28 PRU KHC	00 27 30.8 Tonga 15.0 S 173.25 W, 13km, m 5.1 ISC ePKP 00 47 10, eL 01 45, Lm 55 (LN: 20s 0.8u), (M 5.4), D 144.5 eiPKPC. 00 47 12.8, D 145.5
JAN28 KHC PRU	Near shock eiPg 04 38 57, eiSg 39 36, (D 3.1) e 04 39 59, ei 40 11
JAN28 PRU KHC	05 38 37.9 Japan 43.67 N 145.98 E, 89km, m 4.5 ISC eP 05 50 26, D 77.5 eiP 05 50 32, D 78.6
JAN28 PRU KHC	11 29 42.4 Fiji 21.86 S 149.49 W, 611km, m 4.7 ISC eiPKHKPD. 11 48 26, eiPKP2 48 35.2, D 149.8 eiPKHKPD. 11 48 28.4, eiPKP2 48 39.6, D 159.9
JAN28 PRU KHC	Near shock eiPg 13 14 45, eiSg 14 49.5, (D 0.36) ePg 13 14 59.5, eiSg 15 15.7, (D 1.2)
JAN28 KHC	14 04 50 Tonga 19.0 S 174.61 W, 53km, m 4.7 ISC eiPKHKP 14 24 33.5, D 149.2

JAN28 PRU	19 30 22.5 Jawa 7.78 S 106.70 E, 92km, m 4.7 ISC e 19 47 44, D 97.3
JAN28 KHC PRU	21 25 56.3 Germany 50.39 N 8.0 E, 0km ISC eiPn 21 26 56, eiSn 27 37, eiSg 27 55.5, D 3.8 eSg 21 28 09, D 4.2
JAN28 PRU KHC	Near shock eiPg 23 29 32.3, ei 29 34.3, eiSg 29 36.8, (D 0.36) ePg 23 29 46, eiSg 30 02.8, (D 1.3)
JAN29 PRU KHC	Unidentified shock eiP 01 26 46.3 eiPD. 01 26 48.8 (0.9s 19mu)
JAN29 PRU KHC	05 19 15 E. of Kamchatka 56.00 N 162.96 E, 92km, m 4.6 ISC eiP 05 30 26, D 71.2 eiP 05 30 32.6, ei 30 44, D 72.2
JAN29 PRU KHC	08 34 51.6 New Ireland 4.74 S 153.14 E, 71km, m 4.7 ISC ePKIKP 08 53 42, D 123.0 eiPKIKP 08 53 44.2, D 124.1
JAN29 PRU KHC	Near shock ei 11 45 39.5 eiPg 11 45 49, eiSg 46 04, (D 1.1)
JAN29 PRU KHC	13 35 36 Fiji 18.9 S 177.9 W, 425km, m 4.1 ISC ePKIKP 13 54 30, D 147.4 eiPKIKP 13 54 33.2, D 148.5
JAN29 PRU KHC	Probably explosion iPg 14 37 57.8, iSg 37 59.4, (D 0.12) eiPg 14 38 16, iSg 38 31, (D 1.1)
JAN29 PRU	Near shock ePg 15 45 28, eiSg 45 44, (D 1.3)
JAN29 PRU	17 44 31.6 Tonga 17.15 S 171.57 W, 35km, m 6.0 ISC eiPKIKPC.S. 18 04 09.6, iPKP2 04 12.3, eipPKP 04 20.5, eL 57,

PRA KHC	Lm 19 15 (LH: 18s 1.3u), M 5.8, D 146.9 ePKIKP 18 04 10, ePKP2 04 12, epPKP 04 20, D 146.8 eiPKIKPC. 18 04 11.4, iPKP2 04 15.2, D 147.8
JAN29 PRU KHC	19 30 27.1 Santa Cruz Isl. 11.36 S 166.36 E, 157km, m 5.0 ISC ePKIKP 19 49 29, D 135.0 ePKIKP 19 49 32, D 136.1
JAN30 KHC	01 20 37 Dodecanese Isl. 36.5 N 27.8 E, 0km ISC eP 01 24 30, D 16.3
JAN30 PRU KHC	02 33 34.5 Talaud Isl. 4.08 N 126.46 E, 73km, m 5.3 ISC eiP 02 47 17.3 (1.0s 23mu), m 5.8, D 100.7 eiP 02 47 21.4 (1.0s 16mu), m 5.6, D 101.6
JAN30 PRU PRA KHC	10 29 40.3 Talaud Isl. 4.77 N 127.50 E, 72km, m 5.9 ISC eiPD. 10 43 23.3, eipP 43 50.7, eiPP 47 39.3, eiPPP 49 40, eiSKKS 54 28, ei 57 38, ei 11 02 40, e 07 00, eQ 16, Qm 21.5 (QH: 48s 700u), Lm 30.5 (LH: 22s 250u, LV: 22s 63u), m 7.9, D 100.8 eP 10 43 24, ePP 47 42, e 55 05, ePKKS 11 03 00, Lm 35 (LH: 19s 230u, LV: 19s 208u), M 7.7, D 100.9 eiP 10 43 27, eipP 43 43.2, ei 47 08.9, iPP 47 52.5, D 101.7
JAN30 PRU KHC	Unidentified shock eiP 14 18 54.5 eiP 14 18 57.4
JAN30 KHC	14 24 48 E. of Kamchatka 55.5 N 163.2 E, 33km, m 4.3 ISC eP 14 36 18, D 72.7
JAN30 PRU KHC	17 19 36.4 Talaud Isl. 4.86 N 127.53 E, 82km, m 5.2 ISC eP 17 33 19, epP 33 39.5, ePP 37 31, D 100.8 eiP 17 33 23.4, eipP 33 43.6, ei 37 23, D 101.7
JAN30 KHC	Near shock eiPg 18 18 10.3, eiSg 18 31.7, (D 1.6)
JAN30 PRU	18 36 38.2, Celebes Sea 3.94 N 122.98 E, 533km, m 5.4 ISC eP 18 49 21, ePP 53 36, D 98.7
JAN30	19 58 33.9 Kurile Isl. 45.8 N 151.0 E, 61km ISC

KHC	eP 20 10 30.5, D 78.4
JAN30 PRU KHC	20 54 19.2 Japan 41.72 N 145.52E, 54km, m 4.8 ISC eP 21 06 15.3, epP 06 27.5, D 78.2 eP 21 06 21, eipP 06 33, D 79.3
JAN30 PRU	23 43 22 Austria 47.6 N 15.9 E VIE eSg 23 44 42, D 2.6
JAN31 PRU LHC	00 44 15.1 N. of Halmahera 4.18 N 128.14 E, 49km, m 5.5 ISC eP 00 58 04, eipP 58 25.8, e 01 02 08, eiPP 02 17, eSKS 08 44, eiPS 11 21, ei 11 38, eSSP 16.9, eL 32, Lm 40.5 (LH: 26s 23u), Lm 47 (LH: 19s 14u, LV: 19s 7u), M 6.5, D 101.7 eiP 00 58 08.6 (1.5s 27mu), eipP 58 28.2, ei 01 01 21.7, eiPP 02 25, m 5.7, D 102.6
JAN31 PRU KHC	04 10 23 E. of Kamchatka 53.48 N 158.60 E, 112km, m 5.2 ISC eiPD. 04 21 39.5 (1.3s 38mu), m 5.1, D 72.6 iPD. 04 21 45.4 (1.1s 70mu), m 5.4, D 73.6
JAN31 PRU	Near shock eiPg 08 45 10.5, eiSg 45 30, (D 1.5)
JAN31 KHC	12 06 00.9 New Ireland 4.57 S 153.27 E, 81km, m 4.7 ISC eiPKIKP 12 24 53, D 124.0
JAN31 PRU KHC	13 48 23 N. of Halmahera 4.39 N 128.11 E, 31km, m 5.3 ISC eP 14 02 16, ePP 06 26, e 16 14, eL 40, Lm 48 (LH: 17s 2.1u), M 5.7, D 101.5 eP 14 02 19, ei 02 55, eiPP 06 37.5, D 102.4
JAN31 KHC PRU	14 40 04 Crete 34.29 N 26.14 E, 31km, m 4.8 ISC eP 14 44 08, D 17.5 eP 14 44 13, D 17.9
JAN31 PRA PRU KHC	14 59 34.3 Tonga 15.4 S 174.94 W, 261km, m 5.4 ISC ePKIKP 15 18 40, D 144.7 iPKPD. 15 18 41.0 (1.2s 259mu), eipPKP 19 47, D 144.7 eiPKP 15 18 43.5, eipPKP 19 48.5, D 145.7
JAN31	15 34 28 Greece - Albania 39.10 N 20.43 E, 4km, m 4.6 ISC

KHC	eiP 15 37 08, D 11.2
JAN31	15 38 36 Japan 39.94 N 144.0 E, 11km, m 4.5 ISC
PRU KHC	eP 15 50 47, D 80.0 eiP 15 50 52 (1.0s 11mu), m 4.8, D 81.1
JAN31	23 31 16.4 S. of Kermadec Isl. 32.03 S 179.60 E, 385km, m 5.2 ISC
PRU KHC PRA	ePKIKP 23 50 28, e(PKHKP) 50 41.5, iPKP2 51 07, D 158.9 eiPKIKP 23 50 28.5, eiPKP2 51 11, D 159.9 ePKP2 23 51 07, D 158.9

FEB01	Near shock
PRU KHC	iPg 00 09 10.5, ei 09 12.5, eiSg 09 15, (D 0.36) eiPg 00 09 25, iSg 09 41.5, (D 1.3)
FEB01	04 18 39.1 Fiji 21.68 S 179.11 W, 542km, m 4.3 ISC
PRU KHC	eiPKHKP 04 37 38, D 149.8 eiPKHKP 04 37 30.6, eiPKP2 37 41, D 150.8
FEB01	Near shock
PRU KHC	iPg 09 42 25 ePg 09 42 44, eiSg 43 00.5, (D 1.3)
FEB01	Near shock
PRU KHC	iPg 12 29 04.5, iSg 29 28.5, (D 1.8) e 12 29 09, eiSg 29 32
FEB01	Near shock
PRU KHC	iPg 12 32 59, eiSg 33 23, (D 1.8) e 12 33 06, eiSg 33 28
FEB01	15 39 21.9 Switzerland 47.91 N 8.3 E, 0km ISC
KHC PRU	ePn 15 40 26, eiSn 41 08, D 3.7 ei 15 41 36.5, ei(Sg) 41 40, D 4.6
FEB01	16 21 59.3 Fiji 18.47 S 176.24 W, 264km, m 4.4 ISC
PRU KHC	eiPKHKPD. 16 41 13.5, D 147.4 eiPKHKPD. 16 41 16 (1.1s 30mu), D 148.4
FEB01	20 03 28 Mid-Atlantic Ridge 7.16 N 33.98 W, 45km, m 4.7 ISC
KHC PRU	eiP 20 13 18 (1.2s 10mu), m 4.7, D 57.8 ei(P) 20 13 31.5, D 58.8
FEB02	01 38 47 N. of Halmahera 3.89 N 128.34 E, 48km, m 5.4 ISC
PRU KHC	eP 01 52 38, ePP 56 51, eSKS 02 03 14, ei 06 13, eiSS 11 24, eL 28, Lm 33 (LH: 25s 10.3u), M 6.2, D 102.0 eP 01 52 41, D 102.9
FEB02	Unidentified shock
PRU KHC	eP 04 27 10 eP 04 27 13 (1.0s 10mu)

FEBO2	05 21 26.5 N. of Halmahera 3.85 N 128.36 E, 33km, m 5.6 ISC
PRU KHC	ePP 05 39 34, eL 06 13, Lm 20, D 102.1 ePP 05 39 44, D 103.0
FEBO2	19 53 56.1 Mascarene Isl. 17.3 S 66.3 E, 33km, m 5.0 ISC
PRU KHC	eP 20 06 13, D 81.1 eiP 20 06 13.5 (1.2s 11mu), m 4.8, D 81.0
FEBO3	03 44 08 Volcano Isl. 24.69 N 141.92 E, 31km, m 4.6 ISC
PRU	eP 03 57 19.5, D 92.3
FEBO3	07 51 24.9 S. of Fiji 25.87 S 178.23 E, 618km, m 5.3 ISC
PRU KHC PRA	eiPKIKP 08 10 04.5, iPKHKP 10 13, eipPKP 12 34, eiPP 14 04.5, D 152.8 eiPKIKP 08 10 06, eiPKHKP 10 15.8, eiPKP2 10 32.6, eipPKP 12 37.8, D 153.9 eipPKP 08 12 34.5 (4s 1.5u), D 152.8
FEBO3	08 13 45.0 S. of Fiji 25.85 S 178.26 E, 629km, m 5.0 ISC
PRU KHC	eiPKHKP 08 32 33.5, eiPKP2 32 48.5, D 152.8 eiPKHKP 08 32 35.8, eiPKP2 32 52.8, D 153.9
FEBO3	08 18 15.6 S. of Fiji 25.84 S 178.36 E, 665km, m 5.2 ISC
PRU KHC PRA	eiPKIKP 08 36 51, eiPKHKP 37 00, iPKP2 37 15.1, eipPKP2 39 35, D 152.8 eiPKIKP 08 36 53.7, eiPKHKP 37 02.8, iPKP2 37 20, D 153.9 ePKHKP 08 37 01, ePKP2 37 15, D 152.8
FEBO3	08 57 08.9 Kurile Isl. 49.29 N 155.67 E, 54km, m 5.3 ISC
PRU KHC	eiP 09 08 50 (0.8s 23mu), m 5.2, D 75.6 eiP 09 08 56.1 (1.0s 53mu), m 5.4, D 76.7
FEBO3	09 45 52.8 Philippine Isl. 19.12 N 121.20 E, 59km, m 4.9 ISC
PRU KHC	eiP 09 58 27, D 85.8 eP 09 58 31, D 86.7
FEBO3	Near shock
KHC	eiPg 10 28 27, eiSg 28 53, (D 2.0)
FEBO3	Near shock
KHC	eiPg 13 27 26, eiSg 27 45, (D 1.5)

PRU	eSg 13 28 07
FEBO3	19 01 30.1 N. of Halmahera 4.38 N 128.14 E, 33km, m 5.3 ISC
PRU KHC	eP 19 15 19, ePP 19 23, e 27 04, eL 50, Lm 20 08.5 (LH: 16s 1.4u), M 5.5, D 101.5 eP 19 15 33.5, eiPP 19 36.2, D 102.4
FEBO3	21 41 43.4 Talaud Isl. 4.81 N 127.54 E, 46km, m 6.1 ISC
PRU PRA KHC	eiPC.S.W. 21 55 29 (PV2: 1.3s 92mu, PV: 5s 1.4u), ei 58 46, eiPP 59 36, eSKS 22 06 01, eiS 07 00, eiSP 08 26, eiSS 14 00, ei 19 04, eL 27, Lm 35 (LH: 24s 61u), m2 6.1, M 6.4, MPV 6.7, D 100.8 iPC. 21 55 29.5 (PV: 7s 2.9u), iPP 59 41.3 (PPH: 5s 3.0u, PPV: 5s 6.4u), ePPP 22 01 48, e 03 02, e(SKS) 05 50, eS 07 08 (SH: 7.5s 13u), eSP 08 32, eSPP 09 18, eSS 14 05, Lm 35 (LH: 25s 60u), M 7.0, MPV 7.1, MPPH 7.3, MPPV 7.3, MSH 7.6, D 100.9 eiPC. 21 55 33 (1.4s 57mu), eiPP 59 47.5, eiSKS 22 06 01.5, eS 07 16, eiSP 08 33.5, m 6.0, D 101.7
FEBO4	01 38 27 N. Celebes 0.64 S 121.67 E, 39km, m 5.4 ISC
PRU KHC PRA	eP 01 52 18, eiPP 56 28 (2.5s 94mu), eS 02 03 54, ei 04 24, eSS 10 44, eL 25, Lm 42.5 (LH: 24s 8.8u), M 6.2, mPPV 5.8, D 101.5 e 01 56 17, eiPP 56 30, D 102.3 ePP 01 56 32, e 56 54, e 59 50, eS 02 03 58, e 05 12, ePPS 06 20, e(SS) 11 30, D 101.5
FEBO4	04 10 16 Peru 8.07 S 80.09 W, 27km, m 5.9 ISC
KHC PRU PRA	eiPC. 04 23 53.2 (1.2s 26mu), eiS 24 08, ei 27 24.7, m 5.8, D 98.4 eiPC. 04 23 56, ePP 28 09, eiSKS 34 32, eiS 35 24, ePS 36 40, eSS 42 06, eL 57, Lm 05 04 (LH: 24s 3.7u), M 5.8, D 99.1 eSKS 04 34 35, eSKKS 35 03, eS 35 26, Lm 05 15 (LH: 17.5s 3.4u, LV: 16s 1.7u), M 5.9, D 99.0
FEBO4	Near shock
PRU KHC	ePg 11 36 54, eiSg 37 10, (D 1.2) ePg 11 36 58, eiSg 37 19.5, (D 1.6)
FEBO4	11 28 41.8 Fiji 20.12 S 158.50 W, 596km, m 4.9 ISC
KHC PRU	ePKIKP 11 47 20, eiPKHKP 47 25.6, eiPKP2 47 33.7, D 149.5 iPKHKPD. 11 47 23.0, iPKP2 47 29.0, D 148.4
FEBO5	Near shock
PRU KHC	eiPg 09 01 02.5, eiSg 01 16, (D 1.0) eiPg 09 01 05.5, eiSg 01 21, (D 1.1)

FEB05	09 20 12 Crete 34.43 N 24.63 E, 46km,ISC
KHC PRU	eiPD. 09 24 07 (1.2s 26mu), m 4.2, D 16.8 eiP 09 24 10 (1.0s 18mu), m 4.2, D 17.2
FEB05	11 58 Explosion of 6.9 Tons: Czechoslovakia 49.31N 16.27 E PRU
PRU KHC	iPg 11 59 04, iSg 59 21, D 1.3 eiPg 11 59 12, eiSg 59 37, D 1.8
FEB05	12 59 21.9 Loyalty Isl. 20.0 S 168.5 E, 33km ISC
KHC	ePKP 13 19 00.5, D 144.7
FEB05	20 23 54 Persia-USSR 38.6 N 45.7 E, 39km, m 4.4 ISC
KHC	eiP 20 29 16 (1.0s 11mu), m 4.5, D 25.3
FEB05	23 45 21.3 Mid-Atlantic Ridge 0.76 N 29.79 W, 33km, m 5.0 ISC
KHC PRU	eiPD. 23 55 32 (1.2s 45mu), m 5.5, D 60.8 eiP 23 55 40 (1.0s 23mu), m 5.4, D 61.9
FEB06	08 35 51.3 Japan 42.30 N 142.53 E, 42km, m 5.1 ISC
PRU KHC	eP 08 47 45, D 77.4 eiP 08 47 51 (0.8s 8mu), m 4.9, D 78.5
FEB06	Near shock
PRU	ePg 10 28 01, eiSg 28 17, (D 1.2)
FEB06	Probably explosion
PRU KHC	iPg 13 00 07.5, eiSg 00 24.5, (D 1.4) e 13 00 22, eiSg 00 50.5
FEB06	14 42 00 Alaska 55.14 N 160.48 W, 21km, m 4.7 ISC
PRU KHC	eP 14 53 42, D 75.2 eiP 14 53 47.7, D 76.0
FEB06	16 09 01.6 S. of Tonga 24.69 S 175.19 W, 33km, m 4.9 ISC
KHC PRU	ePKIKP 16 28 54, eiPKP2 29 16, D 154.7 ePKHKP 16 28 59, ePKP2 29 09, D 153.6
FEB07	01 03 07.2 W. Persia 32.64 N 48.21 E, 45km, m 4.6 ISC
KHC	eiP 01 09 19.2, D 30.6

FEB08	Near shock
PRU KHC	iPg 11 03 23, ei 03 40, iSg 03 43.5, (D 1.5) eiPg 11 03 43.5, eiSg 04 14.2, (D 2.5)
FEB08	Near shock
PRU KHC	eiPg 12 38 53, eiSg 39 16.5, (D 1.8) e 12 38 59, eiSg 39 22
FEB08	Near shock
PRU KHC	eiPg 14 11 58.5, eiSg 12 02.9, (D 0.36) eiPg 14 12 13.5, eiSg 12 29.5, (D 1.2)
FEB08	23 23 33.6 S. Persia 29.82 N 50.95 E, 42km, m 5.1 ISC
PRU KHC	eiPC. 23 30 14 (1.0s 15mu), m 4.9, D 34.0 eiP 23 30 17.4 (1.2s 44mu), m 5.3, D 34.2
FEB09	15 34 42 Burma-China 21.85 N 101.41 E, 6km, m 4.8 ISC
PRU KHC	eiPC. 15 46 05, D 71.6 eiP 15 46 09.5, (1.5s 13mu), m 4.8, D 72.4
FEB09	18 03 07 W. of Colombia 5.62 N 77.38 W, 22km, m 4.4 ISC
KHC PRU	eiPC. 18 15 50 (1.2s 17mu), ei 15 56.2, m 5.0, D 86.4 eP 18 15 53.5, D 87.0
FEB09	18 29 04.0 N.W. Africa 5.59 N 0.13 W, 33km, m 4.8 ISC
KHC PRU	eiP 18 37 18 (1.2s 26mu), m 5.0, D 44.9 eiP 18 37 25.6, D 45.9
FEB09	23 08 27.2 Hungary 47.38 N 18.13 E, 81km ISC
PRU KHC PRA	eiPn 23 09 19, ei 09 25, iPg 09 35.5, ei 10 06, iSg 10 18, eiL 10 24, Lm 11 04 (LH: 7s 1.4u, LV: 7s 0.9u), M 3.4, D 3.5 iPn 23 09 20.1 (0.6s 144mu), eiPg 09 32, eiSn 10 02.2, iSg 10 18.5, D 3.5 ePn 23 09 27, eL 10 26, D 3.6
FEB10	21 47 58.0 Kurile Isl. 44.22 N 148.63 E, 51km, m 5.1 ISC
PRU KHC	eiPC. 21 59 53 (1.0s 31mu), m 5.2, D 78.0 iPC. 21 59 58.9 (1.0s 38mu), m 5.3, D 79.1
FEB10	22 58 03.3 S. of Fiji 22.75 S 178.76 E, 635km, m 6.0 ISC
PRU	eiPKIKPD. 23 16 37.5 (2.2s 700mu), ei 17 32, eiSKP2 19 11.5,

PRA KHC	eiPKP2 20 20, ei 23 42, eiSKKS 26 08, eiSKSP 29 22, ei 30 46, eiSS 38 59, D 150.1 ePKIKPD. 23 16 39 (6s 15u), epPKP2 19 11, esPKP2 20 20, e 22 25, e 23 59, eSKKS 26 13, eSS 38 59, D 150.1 ePKIKP 23 16 39.4, iSKP2 19 14.2, ei 23 57.2, ei 30 40.2, D 151.2
FEB10 KHC	23 02 58.4 S. of Fiji 22.95 S 178.71 E, 666km, m 5.7 ISC eiPKHKP 23 21 40, D 151.4
FEB10 PRU KHC	Unidentified shock eiPD. 23 49 31 (0.7s 22mu), ei 53 18.5 eiPD. 23 49 33.6, (1.1s 17mu), ei 53 26
FEB11 KHC PRU	Probably near shock ei 04 13 25, ei 14 42.8, ei 15 19.7, ei 16 12.5 e 04 13 35, ei 15 10, e 16 23
FEB11 PRU KHC	10 55 25.0 Fiji 19.64 S 177.55 W, 540km, m 4.3 ISC ePKHKP 11 14 10, D 148.2 eiPKHKP 11 14 13.2, D 149.3
FEB11 PRU KHC	Near shock iPg 12 24 32.8, eiSg 24 35.8, (D 0.25) ePg 12 24 48.5, eiSg 25 03.4, (D 1.1)
FEB11 PRU	16 04 57.0 Fiji 17.76 S 178.38 W, 560km, m 4.0 ISC ePKP 16 23 36, D 146.2
FEB11 PRU PRA KHC	22 08 51 Kirgiziya-Sinkiang 41.42 N 79.24 E, 3km, m 5.8 ISC iPC. 22 17 06.5 (PV1: 1.0s 121mu, PV2: 1.0s 386mu), i 17 10.5, eiPP 19 02, eiS 23 38, eiSS 27 12, ei 31 00, ei 32 52, Lm 33.5 (LH: 17s 75u), ml 5.8, m2 6.3, M 6.7, D 44.7 eP 22 17 08, i 17 28.0, ePP 19 04, eS 23 52, eSS 27 19, Lm 33.5 (LH: 9s 50u), M 6.8, D 44.7 iPC. 22 17 13.6 (PV1: 1.5s 164mu, PV2: 1.0s 269mu), i 17 18.5, i 19 42.8, ei 23 10.5, ml 5.7, m2 6.1, D 45.5
FEB11 PRU	22 16 11.5 Banda Sea 6.76 S 126.74 E, 425km, m 6.0 ISC eP 22 29 55, eiPKP 33 55, eiPP 34 30, eS 41 26, eisS 44 30, eiSS 49 18, Lm 23 21.5 (LH: 21s 21u), D 109.4
FEB11	22 44 07 Alma-Ata 42.1 N 78.9 E, 33km, m 5.2 ISC

PRU KHC	eiP 22 52 14.5 (0.8s 17mu), m 4.8, D 44.1 eiP 22 52 20.5, D 45.0
FEB12 PRU KHC	00 22 37.5 Kirgiziya-Sinkiang 41.39 N 79.47 E, 33km, m 4.9 ISC eiPC. 00 30 49.5 (0.7s 14mu), ei 30 53, ePP 32 48, m 5.0, D 44.9 eiP 00 30 55.8 (1.0s 12mu), ei 30 59.8, m 4.9, D 45.7
FEB12 KHC PRU	Probably near shock e 12 48 40, ei 48 54, ei 49 02.5 e 12 48 45, e 49 11
FEB12 PRU	Near shock eiPg 13 02 35.6, eiSg 02 52.5, (D 1.3)
FEB12 PRU KHC	15 39 53 E. of Kamchatka 55.86 N 162.86 E, 27km, m 5.1 ISC eiPC. 15 51 11.5 (1.0s 28mu), m 5.3, D 71.3 eiPC. 15 51 18 (1.3s 50mu), m 5.5, D 72.3
FEB12 KHC PRU	Unidentified shock eiP 16 05 48.8 eiP 16 05 56.5, e 08 37
FEB12 PRU KHC	18 40 33.6 S. of Fiji 22.81 S 179.07 W, 418km, m 4.6 ISC eiPKHKPC. 18 59 37, epPKP2 19 01 27, D 150.9 eiPKHKP 18 59 40, eiPKP2 59 51.5, ei 19 00 27.6, D 151.9
FEB13 PRU KHC	01 35 50 Aleutian Isl. 52.13 N 169.94 W, 2km, m 5.2 ISC eiPC. 01 47 52.6 (1.0s 18mu), eipP 48 04.2, m 5.2, D 78.2 iPC. 01 47 58.3 (1.3s 38mu), eipP 48 10.1, m 5.3, D 79.1
FEB13 PRU	02 42 21 Jawa 7.51 S 107.10 E, 43km, m 4.8 ISC ei (PP) 02 59 48, D 97.3
FEB13 PRU KHC	Probably explosion iPg 07 33 11, i 33 22.5, ei 33 26 eiPg 07 33 28.2, eiSg 33 52.2, (D 1.8)
FEB13 PRU	Near shock iPg 08 55 42.8, i 55 57.5, eiSg 55 59.5, (D 1.4)

FEB13	Near shock
PRU	eiPg 09 34 41, eiSg 34 57.5, (D 1.3)
FEB13	10 02 57.3 Kermadec Isl. 30.39 S 177.64 W, 23km, m 4.8 ISC
PRU	ePKP2 10 23 27.5, e 32 55, D 158.4
KHC	eiPKP2 10 23 32, D 159.4
FEB13	10 22 32 Talaud Isl. 4.97 N 126.92 E, 40km, m 4.9 ISC
PRU	eP 10 36 19, e 46 20, eL 11 15, Lm 25.5 (LH: 18s 1.3u), M 5.5, D 100.3
FEB13	11 11 25.1 W. Pakistan 24.99 N 62.75 E, 27km, m 5.1 ISC
PRU	eiP 11 19 37, D 44.7
KHC	eiPC. 11 19 40.4 (1.2s 38mu), ei 19 49, m 5.2, D 45.1
FEB13	12 00 Explosion of 10.3 Tons: Czechoslovakia 48.80 N 16.63 E
PRU	eiPg 12 00 37, eSg 01 00, D 1.8
KHC	ei 12 00 41.5, eiSg 01 05.6, D 2.0
FEB13	15 09 32 Mediterranean Sea 34.7 N 22.3 E, 25km, m 4.6 ISC
KHC	eiPC. 15 13 16.6 (1.0s 26.5mu), m 4.3, D 15.8
PRU	eP 15 13 22 (1.0s 23mu), m 4.3, D 16.3
FEB13	Unidentified shock
KHC	eiP 22 29 49.8 (0.6s 10mu), ei 30 37.5
FEB14	02 36 54 Loyalty Isl. 20.6 S 168.6 E, 39km ISC
KHC	ePKP 02 56 31, D 145.3
FEB14	03 04 04.0 Samoa 16.31 S 172.72 W, 33km, m 5.3 ISC
PRU	eiPKPD. 03 23 42, ei 23 47, D 145.9
PRA	ePKP 03 23 42, e 23 52, D 145.8
KHC	eiPKP 03 23 43.5, ei 23 50.4, D 146.9
FEB14	Near shock
PRU	eP 12 49 15.7, eiSg 49 38.5
KHC	ePg 12 49 20.5, eiSg 49 43.6, (D 1.7)
FEB14	13 10 43.1 Mexico 16.79 N 98.89 W, 59km, m 5.1 ISC

KHC	eP 13 23 44.2, D 91.4
PRU	eP 13 23 44.7, D 91.5
FEB14	Near shock
PRU	iPg 13 40 59.5, eiSg 41 16.2, (D 1.4)
KHC	e 13 41 27, eiSg 41 37.2
FEB14	Near shock
PRU	eiPg 14 43 38, ei 43 48, eiSg 44 03.3, (D 1.9)
KHC	ePg 14 43 46, eiSg 44 14.5, (D 2.2)
FEB14	Near shock
KHC	ePg 15 54 36, eiSg 54 42.7, (D 0.55)
PRU	eiPg 15 54 47.6, eiSg 55 01.4, (D 1.1)
FEB14	21 06 51.5 Poland 50.30 N 18.87 E, m 2.8 WAR
PRU	ePg 21 07 44, ei 08 17.5, eiSg 08 24, D 2.8
KHC	e 21 08 31.5, eiSg 08 53, D 3.6
FEB15	03 49 47.4 Samoa 16.3 S 172.3 W, 33km, m 4.7 ISC
PRU	eiPKP 04 09 24.8, D 146.0
KHC	eiPKP 04 09 27.5, D 146.9
FEB15	06 50 34 Tonga 20.59 S 175.63 W, 162km, m 4.6 ISC
PRU	eiPKHKP 07 10 05, D 149.6
KHC	eiPKHKP 07 10 07.6, eiPKP2 10 14.5, eipPKP 10 51.5, D 150.6
FEB15	06 59 55 Tonga 19.72 S 175.62 W, 214km, m 4.3 ISC
KHC	eiPKHKP 07 19 21, D 149.7
FEB15	08 54 49 N. Italy 44.6 N 11.0 E, 84km ISC
KHC	eiPn 08 56 02, eiPg 56 29.5, eiSn 57 02.5, eiSg 57 40.8, D 4.9
PRU	eiPn 08 56 15.2, ePg 56 46.6, eiSg 57 24.8, D 5.9
PRA	e 08 58 04, D 5.9
FEB15	08 43 31.6 S. of Fiji 24.05 S 179.86 W, 510km, m 4.8 ISC
KHC	eiPKIKP 09 02 23.5, D 152.8
PRU	eiPKHKP 09 02 28.6, D 151.8
FEB15	11 17 11 Dominican Rep. 19.70 N 71.42 W, 30km, m 4.2 ISC
KHC	eiP 11 28 32, ei 29 08.5, D 72.1

PRU	e 11 28 55, D 72.6
FEB15	13 49 14.2 New Hebrides 13.65 S 167.17 E, 211km, m 5.4 ISC
KHC PRU PRA	ePKHKP 14 08 07, eiPKIKP 08 16, eiPP 11 08.2, D 138.5 eiPKIKPC. 14 08 14, eiPP 11 02, D 137.4 ePKIKP 14 08 14, D 137.4
FEB15	15 03 12.5 S. of Fiji 25.99 S 178.08 E, 683km, m 4.7 ISC
KHC PRU	eiPKIKP 15 21 49.5, eiPKP2 22 15.8, D 153.9 eiPKHKP 15 21 55.7, D 152.9
FEB16	23 59 11.2 Kirgiziya-Sinkiang 41.31 N 79.7 E, 33km, m 4.8 ISC
PRU KHC	eiP 00 07 24, eipP 07 32.4, D 45.1 eP 00 07 29, eipP 07 39.2, D 45.9
FEB16	04 16 42.7 Tonga 16.4 S 173.5 W, 33km, m 4.0 ISC
KHC PRU	ePKP 04 36 26, D 146.9 ePKP 04 36 31, D 145.9
FEB16	11 01 56.1 Fiji 18.33 S 177.81 W, 573km, m 4.2 ISC
PRU KHC	ePKHKP 11 20 36, D 146.9 eiPKHKP 11 20 38.8, D 147.9
FEB16	15 08 59.6 Mascarene Isl. 17.0 S 67.0 E, 33km, m 4.7 ISC
KHC PRU	eP 15 21 11, D 81.1 eP 15 21 20, D 81.1
FEB16	16 33 48 Crete 34.1 N 25.5 E, 42km ISC
KHC	eiP 16 37 50.5, D 17.4
FEB17	00 43 03 N. of Halmahera 3.69 N 128.40 E, 49km, m 5.6 ISC
PRU PRA KHC	eP 00 56 56, ei 57 02.8, ePP 01 01 09 (PPH: 20s 4.3u, PPV: 11s 1.5u), eS 08 40, ePPS 11 00, eSS 15 36, eL 32, Lm 37 (LH: 25s 20u), M 6.5, MPPH 6.6, MPPV 6.3, D 102.2 eP 00 57 00, ePP 01 01 12 (PPV: 8s 1.4u), e 01 22, eS 08 40, eSS 15 40, Lm 46 (LH: 19s 17u, LV: 19s 16u), M 6.5, MPPV 6.4, D 102.3 eP 00 57 00, ei 57 06.5, D 103.1
FEB17	06 58 49.5 Kurile Isl. 46.80 N 152.44 E, 70km, m 4.5 ISC
KHC	eiP 07 10 43 (0.8s 16mu), m 5.0, D 78.0

FEB17	07 29 08.1 Japan 37.50 N 140.87 E, 96km, m 4.8 ISC
KHC PRU	eP 07 41 19, eipP 41 41.2, D 81.9 ei 07 41 35.2, D 80.9
FEB17	09 11 46 Crete 34.11 N 25.31 E, 26km ISC
KHC PRU	eiP 09 15 49 (1.3s 18mu), m 4.0, D 17.4 eP 09 15 52.4, D 17.7
FEB17	Near shock
PRU	eiPg 13 51 06.7, eiSg 51 34.2, (D 2.2)
FEB17	16 19 58 Austria 47.8 N 11.0 E BCIS
KHC PRU	eiPg 16 20 35, eiSg 21 04.8, D 2.2 e 16 20 56, eiSg 21 38.5, D 3.2
FEB18	05 14 56 S. of Fiji 24.18 S 176.51 W, 104km, m 5.4 ISC
KHC PRU PRA	eiPKIKP 05 34 35.2, ei 35 25.3, D 153.9 eiPKHKP 05 34 42, e 35 38, D 152.8 ePKHKP 05 34 42, D 152.8
FEB18	Near shock
PRU KHC	iPg 13 05 52.5, iSg 06 18, (D 2.0) e 13 05 59.5, eiSg 06 28
FEB18	19 38 39.8 Mid-Atlantic Ridge 1.2N 28.06 W, 33km, m 4.5 ISC
KHC	eP 19 48 41, D 59.5
FEB18	20 43 14.0 Fiji 17.94 S 178.53 W, 577km, m 5.2 ISC
KHC PRU	eiPKIKP 21 01 51.5, eiPKP2 01 59, D 147.4 eiPKPC. 21 01 52, D 146.3
FEB19	03 22 03.7 S. of Fiji 22.58 S 176.43 W, 202km, m 4.7 ISC
PRU KHC	eiPKHKP 03 41 34.5, eiPKP2 41 43, D 151.3 eiPKHKPC. 03 41 37, D 152.3
FEB19	03 26 52.4 Fiji 18.14 S 178.54 W, 588km, m 4.2 ISC
PRU KHC	ePKP 03 45 29, D 146.5 eiPKP 03 45 32, D 147.6
FEB19	Near shock

PRU KHC	ePg 11 06 01, eiSg 06 20, (D 1.5) e 11 06 06, eiSg 06 19
FEB20	02 59 13.7 Tonga 20.17 S 173.69 W, 33km, m 5.2 ISC
PRU KHC	ePKHKP 03 19 02, D 149.5 eiPKHKP 03 19 03, ei 19 24.6, D 150.5
FEB20	10 01 Explosion of 7.5 Tons: Czechoslovakia 50.03 N 13.93 E PRU
PRU KHC	eiPg 10 01 49, eiSg 01 54.5, D 0.40 ePg 10 02 00.5, eiSg 02 15.2, D 0.93
FEB20	09 55 29 N. of Halmahera 3.58 N 128.16 E, 2km, m 5.6 ISC
PRU KHC PRA	eP 10 09 30, eiPP 13 43, ei 14 20, eiSKS 21 00, eL 48, Lm 57 (LH: 20s 11.7u), M 6.4, D 102.2 eiP 10 09 33, ei 12 44.6, eiPP 13 47.8, D 103.1 ePP 10 13 45, eS 21 19, D 102.2
FEB20	10 30 21.5 N. of Halmahera 3.50 N 128.41 E, 74km, m 5.8 ISC
PRU KHC PRA	eiP 10 44 11.5, eiPP 48 27, Lm 11 34.5 (LH: 19s 12.5u), M 6.6, D 102.4 eiP 10 44 15.7, eiPP 48 34.5, D 103.3 ePP 10 48 30, D 102.4
FEB20	13 02 03.4 Fiji 19.86 S 177.63 W, 565km, m 4.4 ISC
PRU KHC	eiPKHKPD. 13 20 48, D 148.4 eiPKHKPD. 13 20 50.6, D 149.4
FEB20	Near shock
KHC PRU	e 14 37 43, eiSg 37 48 eiPg 14 37 54, iSg 38 10, (D 1.2)
FEB20	16 58 15 N. of Halmahera 3.57 N 128.34 E, 49km, m 5.2 ISC
PRU KHC PRA	eP 17 12 17.5, e 16 03, e 16 45, ei 17 32, eL 48, Lm 57 (LH: 21s 8.3u), M 6.2, D 102.3 eP 17 12 18, eiPP 16 30, D 103.2 e 17 16 44, e 17 34, e 18 22, Lm 18 04, D 102.3
FEB21	18 39 57 Greece 39.14 N 21.87 E, 33km, m 4.6 ISC
KHC PRU PRA	eiP 18 42 41, ei 43 21.4, eiSg 46 22, D 11.6 eP 18 42 53, e 46 19, D 12.0 Lm 18 48, D 12.0
FEB21	20 46 26.8 Tonga 16.10 S 173.01 W, 35km, m 5.4 ISC

PRA PRU KHC	ePKP 21 06 04, D 145.6 iPKPD. 21 06 04.5, ei 06 10.5, D 145.7 eiPKPD. 21 06 07.5, ei 06 19.2, D 146.6
FEB22	00 35 14.9 Albania 40.38 N 19.6 E, 0km ISC
KHC	eP 00 37 37, D 9.7
FEB22	04 43 13 China 40.9 N 79.5 E, 33km, m 4.6 ISC
PRU	eP 04 51 28, D 45.2
FEB22	12 29 25.2 Poland 50.23 N 18.87 E, m 2.8 WAR
PRU	e 12 30 57, D 2.8
FEB22	12 14 47.4 S. of Fiji 23.06 S 176.57 W, 156km, m 4.4 ISC
PRU	ePKHKP 12 34 23, D 151.8
FEB22	Near shock
PRU KHC	eiPg 12 44 17, eiSg 44 42, (D 1.9) e 12 44 31, eiSg 44 50.2
FEB22	18 11 03.9 S. of Fiji 24.57 S 177.09 W, 157km, m 4.9 ISC
PRU KHC PRA	ePKIKP 18 30 36, eiPKHKP 30 43.5, eiPKP2 30 56, eisPKP 31 32, D 153.1 eiPKIKP 18 30 37.2, eiPKHKP 30 46, eiPKP2 31 00.5, eisPKP 31 37, D 154.1 ePKHKP 18 30 46, D 153.0
FEB22	23 15 25.2 Germany 48.75 N 9.05 E, 2km, m 2.8 STU
KHC	ePn 23 16 14, D 3.0
FEB23	Unidentified shock
KHC	eiP 00 11 20.5 (1.4s 11mu)
FEB23	00 37 02 Celebes 3.17 S 118.91 E, 53km, m 5.8 ISC
PRU PRA KHC	eP 00 50 52, e 54 39, ei 54 50, eiPP 55 00, eiS 01 02 26, eiPS 04 10, eiSS 09 28, eSSS 13 26, eL 30, Lm 43 (LH: 18s 54u, LV: 18s 15u), M 7.1, D 101.6 eP 00 50 52 (PV: 10s 1.7u), ePP 55 10 (PPH: 7s 7.4u, PPV: 8s 16u), eSKS 01 01 30, eS 02 35, ePS 04 17, e 05 30, eSS 09 43 (SSN: 12s 25u), eSSS 13 30, Lm 39.5 (LH: 18.5s 55u), M 7.1, MPV 6.7, MPPH 7.5, MPPV 7.5, D 101.7 eP 00 50 53, D 102.4

FEB23	02 17 07 Celebes 3.17 S 118.79 E, 86km, m 5.0 ISC
PRU KHC	e 02 34 50, eiPP 35 04, D 101.6 ePP 02 35 12, D 102.3
FEB23	06 03 57 Celebes 3.49 S 119.01 E, 81km, m 5.0 ISC
PRU PRA	ePP 06 21 58, e 36 38, eL 54, Lm 07 07 (LH: 22s 7u), M 6.1, D 102.0 Lm 07 15, D 102.0
FEB23	Probably near shock
KHC PRU	e 18 43 26, ei 44 02, eiSg 44 21.5 The seismic vault without electricity from 23 to 24.
FEB24	00 08 46 Tanimbar Isl. 6.23 S 131.01 E, 48km, m 5.6 ISC
KHC PRA	ePKIKP 00 27 17, eiPP 28 13.5, ei 29 11.4, ei 30 29.5, D 112.5 ePP 00 28 07 (PPV: 3.5s 1.2u), e 28 47, e(SKKS) 35 33, e 37 32, MPPV 7.0, D 111.7
FEB24	Near shock
PRU KHC	eiPg 09 15 17, eiSg 15 35.6, (D 1.4) eiPg 09 15 28.6, eiSg 15 55.4, (D 2.1)
FEB24	Near shock
KHC PRU	ePg 10 47 52, eiSg 48 10, (D 1.4) e 10 48 33
FEB24	14 49 24.5 Poland 50.29 N 19.23 E, m 3.4 WAR
PRU KHC	eiPn 14 50 20, eiSn 51 01.5, D 3.0 ePn 14 50 28, ei 50 38, eiSg 51 24, D 3.9
FEB24	Near shock
PRU KHC	eiPg 20 46 48, eiSg 46 52.8, (D 0.38) ePg 20 47 01.5, eiSg 47 19, (D 1.3)
FEB24	22 44 15.2 N. Colombia 6.82 N 73.02 W, 161km, m 4.9 ISC
KHC PRU	eP 22 56 22.5 (1.3s 18mu), m 4.6, D 82.7 eiP 22 56 26, D 83.3
FEB25	01 30 07 Arabian Sea 14.18 N 56.74 E, 36km, m 4.1 ISC
KHC	eiP 01 38 55, D 49.6

FEB25	02 01 48 Honduras 15.28 N 87.47 W, 38km, m 4.9 ISC
KHC PRU	eiP 02 14 24 (1.0s 16mu), m 5.1, D 85.6 eP 02 14 26, D 86.0
FEB25	03 51 44.5 S. of Kermadec Isl. 32.16 S 179.87 E, 311km, m 5.1 ISC
KHC PRU	eiPKIKP 04 11 06, eiPKP2 11 48.5, D 160.2 ePKP2 04 11 43, eipPKP 12 20, ei 13 09.6, D 159.1
FEB25	07 39 02 Honduras 15.28 N 87.42 W, 24km, m 5.3 ISC
KHC PRU	eiPD. 07 51 40.5 (1.3s 58mu), m 5.5, D 85.6 eiPD. 07 51 41.8 (1.0s 23mu), ei 52 22, m 5.3, D 85.9
FEB25	10 35 26.4 S. of Fiji 25.76 S 176.20 W, 55km, m 5.1 ISC
KHC PRU	eiPKIKP 10 55 11, eiPKP2 55 41.2, D 155.5 ePKP2 10 55 35, D 154.4
FEB25	13 04 46.4 S. Atlantic Ridge 19.6 S 12.1 W, 33km ISC
KHC PRU	eP 13 16 10, D 72.1 eP 13 16 15, D 73.2
FEB25	Near shock
KHC PRU	eiPg 13 45 15, eiSg 45 54, (D 3.0) ePg 13 45 17.5, ei 45 59
FEB25	13 43 50.8 Turkey 41.56 N 32.27 E, 31km ISC
KHC	eiP 13 47 22.4, D 15.1
FEB25	14 06 00.1 S. Atlantic Ridge 19.28 S 12.09 W, 29km, m 5.2 ISC
KHC PRU PRA	eiP 14 17 20.5 (2.0s 86mu), ei 18 05.2, m 5.5, D 71.8 eP 14 17 26 (1.5s 67mu), ei 17 31.2, eL 43 06, Lm 46.6 (LN: 18s 1.4u), m 5.5, (M 5.3), D 72.9 eP 14 17 31, Lm 47, D 72.9
FEB25	14 59 53 Austria 47.3 N 15.5 E, 0km ISC
KHC PRU	ePn 15 00 32, eiSn 00 59, D 2.3 eiPg 15 00 43, eiSg 01 16.4, D 2.8
FEB25	16 30 50.0 Svalbard 76.6 N 8.8 E, 33km, m 4.4 ISC
PRU KHC	eP 16 36 35 (1.5s 24mu), m 4.7, D 26.8 eiP 16 36 38, D 27.7

FEB25	16 32 26 E. of Kamchatka 54.00 N 161.17 E, 60km, m 4.7 ISC
PRU KHC	eP 16 43 50, D 72.7 eiP 16 43 55, eiPc 44 11, D 73.7
FEB26	01 28 02.6 Germany 48.38 N 9.06 E, 27km, m 4.4 ISC
KHC PRA PRU	iPn 01 28 51.0 (1.0s 344mu), iPg 29 04.2, iSg 29 45.5, D 3.1 ePn 01 29 01, ePb 29 08, ePg 29 16, eSb 30 00, eSg 30 08, eL 30 14, D 3.9 ePn 01 29 01.2, eiPb 29 08.5, eiPg 29 16.3, eiSg 30 08, Lm 30 36 (LH: 4s 7.2u, LV: 4s 2.7u), M 4.6, D 3.9
FEB26	01 43 27.4 Germany 48.44 N 9.11 E, 3km ISC
KHC	eiPg 01 44 27.5, eiSg 45 08, D 3.0
FEB26	Near shock
KHC PRU	eiPg 12 09 41.5, eiSg 09 46, (D 0.36) ePg 12 09 56, eiSg 10 10.5, (D 1.1)
FEB26	Near shock
KHC	eiPg 12 19 13.5, eiSg 19 34.5, (D 1.6)
FEB26	12 35 49.1 Dodecanese Isl. 36.66 N 27.18 E, 33km, m 4.4 ISC
KHC PRU	eiP 12 39 34, D 15.9 eP 12 39 45, D 16.6
FEB27	Unidentified shock
KHC	eP 01 30 12
FEB27	15 45 Explosion of 3 Tons: Czechoslovakia 49.83 N 13.17 E PRU
KHC PRU	iPg 15 45 19.6, iSg 45 31.0, D 0.75 iPg 15 45 19.6, iSg 45 32, D 0.90
PRU27	Near shock
PRU	ePg 15 50 08, eiSg 50 28, (D 1.5)
FEB27	19 36 49 Tonga 18.64 S 175.2 W, 89km ISC
PRU KHC	ePKHKP 19 56 25, D 147.8 eiPKIKP 19 56 27.2, ei 56 31.5, D 148.8
FEB27	Near shock

PRU	ePg 20 06 55, eiSg 07 14.5, (D 1.5)
FEB28	02 40 31.2 N. Atlantic Ocean 35.97 N 10.58 W, 14km, m 6.5 ISC
KHC PRA PRU	iPC. 02 45 27.4, ei 48 05.5, ei 49 54.2, D 22.0 iPC.N.E. 02 45 36.5, D 23.0 iPC.N.E. 02 45 36.9 (PH: 3s 34u), ei 46 46, eiS 49 47 (SH: 12s 450u), Lm 03 07 (LN: 12s 194u), (M 6.8), MPH 7.5, MSH 7.8, D 23.0. Amplitudes recorded by the Anderson-Wood seismograph.
FEB28	04 25 37.8 N. Atlantic Ocean 36.26 N 10.47 W, 37km, m 5.6 ISC
PRU	iPC.N.E. 04 30 38.6 (PH: 5s 6.2u), e(S) 34 54, Lm 38.9 (LH: 14s 41u), M 6.1, MPH 6.5. Amplitudes recorded by the Anderson- Wood seismograph.
FEB28	06 00 Explosion of 18 Tons: Czechoslovakia 49.14 N 13.75 E PRU
KHC PRU	iPg 06 00 05.5, D 0.12 iPg 06 00 20.6, iSg 00 34.6, D 0.99
FEB28	09 59 50.2 N. Atlantic Ocean 35.98 N 10.77 W, 42km, m 4.5 ISC
KHC PRU PRA	iPC. 10 04 44.2 (1.3s 43mu), ei 04 55, m 4.7, D 22.1 eiPC. 10 04 53.5 (1.2s 35mu), ei 05 20, m 5.8, D 23.1 eP 10 04 54, D 23.1
FEB28	Near shock
PRU KHC	ePg 10 55 23, eSg 55 51.5, (D 2.2) e 10 55 38, eiSg 56 15.2
FEB28	11 49 Explosion of 14.8 Tons: Czechoslovakia 50.57 N 14.01 E PRU
PRU PRA KHC	eiPg 11 50 04, ei 50 12.8, ei 50 23.6, D 0.68 e 11 50 12, D 0.57 eiPg 11 50 18, eiSg 50 37.5, D 1.5
FEB28	12 43 16 W. of Gibraltar 36.2 N 9.9 W, 23km ISC
KHC	eiP 12 48 05.5, D 21.4
FEB28	13 47 13.6 E. of Kamchatka 51.59 N 158.13 E, 77km, m 5.0 ISC
PRU KHC	eiP 13 58 43, D 74.2 eiP 13 58 49.4 (1.0s 24mu), m 5.1, D 75.2
FEB28	15 20 38.8 N. Atlantic Ocean 35.87 N 10.86 W, 34km, m 4.4 ISC
KHC	eiP 15 25 33.8 (1.0s 16mu), ei 25 50.4, m 4.4, D 22.3

PRU	eiP 15 25 44 (1.0s 15mu), ei 26 16.2, m 4.5, D 23.2
FEB28	16 21 02 N. Atlantic Ocean 36.12 N 10.6 W, 58km ISC
KHC	eiP 16 25 56, D 21.9
FEB28	16 52 15 N. Atlantic Ocean 35.9 N 10.5 W, 25km ISC
KHC	eiP 16 57 15.7, ei 57 22, D 22.0
FEB28	18 11 29 Dominican Rep. 18.1 N 69.6 W, 50km, m 4.0 ISC
KHC	eiP 18 22 50.5, D 72.1
FEB28	18 24 36.2 N. Atlantic Ocean 35.96 N 10.75 W, 25km, m 4.1 ISC
KHC	eiP 18 29 31.2, D 22.1
FEB28	22 55 00.5 Fiji 17.3 S 178.6 W, 558km, m 4.1 ISC
KHC	eiPKP 23 13 37.4, ei 13 41.5, D 146.7
PRU	ePKP 23 13 38.6, D 145.7

MAR01	10 38 03 Kurile Isl. 46.66 N 153.76 E, 33km, m 4.7 ISC
PRU	eP 10 49 56, D 77.5
KHC	eiP 10 50 02.2 (1.0s 10mu), eisP 50 16, m 4.9, D 78.5
MAR01	11 36 31.8 N. Atlantic Ocean 36.31 N 10.46 W, 25km, m 4.0 ISC
KHC	eiP 11 41 25.7 (1.2s 16mu), m 4.3, D 21.7
MAR01	Near shock
PRU	eiPg 12 34 49.5, eiSg 35 09.5, (D 1.5)
KHC	e 12 34 56, eiSg 35 15
MAR01	20 27 14.9 Germany 48.22 N 9.09 E, 12km ISC
KHC	eiPn 20 28 06, eiPg 28 14.5, eiSn 28 43, eiSg 28 55.5, D 3.1
PRU	eiPg 20 28 31.5, eiSg 29 21, D 4.0
MAR01	20 31 28.9 Germany 48.34 N 9.08 E, 2km ISC
KHC	ePn 20 32 20.5, eiPg 32 29, eiSn 32 57.5, eiSg 33 10
PRU	ePg 20 32 47, eiSg 33 37, D 4.0
MAR01	21 03 50.2 New Hebrides 19.16 S 169.15 E, 155km, m 4.4 ISC
KHC	eiPKP 21 23 07, D 144.2
MAR01	22 07 54 N. Atlantic Ocean 35.90 N 10.4 W, 36km ISC
KHC	eP 22 12 46, D 22.0
PRU	eP 22 12 57, D 22.9
MAR02	12 18 14 N. Atlantic Ridge 30.9 N 40.7 W, 33km, m 4.3 ISC
KHC	eP 12 26 22 (1.7s 17mu), m 4.5, D 44.3
PRU	eiP 12 26 27.5 (1.5s 11mu), m 4.8, D 45.0
MAR02	12 56 46 Aleutian Isl. 51.58 N 174.90 E, 67km, m 4.5 ISC
KHC	eP 13 08 43 (1.0s 8mu), m 4.6, D 78.4
PRU	e(P) 13 08 45, D 77.9
MAR02	13 56 06.1 S. of Fiji 25.12 S 179.89 E, 455km, ISC
KHC	ePKIKP 14 15 04, eiPKP2 15 28, D 153.8
PRU	ePKHKP 14 15 10, ePKP2 15 23, D 152.7
MAR02	Unidentified shock
KHC	eiP 14 24 40.5, ei 25 45.3, ei 26 05.5

PRU	e 14 27 06
MAR02	18 00 58.4 N. Atlantic Ocean 36.08 N 10.81 W, 40km, m 4.5 ISC
KHC PRU	eiP 18 05 52.5 (1.0s 32mu), ei 06 01.5, m 4.7, D 22.1 eiPC. 18 06 01.5 (1.0s 23mu), m 4.7, D 23.0
MAR02	22 23 17 Philippines 13.02 N 120.83 E, 73km, m 5.0 ISC
PRU KHC	eP 22 36 12, D 90.3 eiP 22 36 16.2, D 91.2
MAR03	00 59 10.5 Turkey 40.08 N 27.50 E, 6km, m 5.6 ISC
KHC PRU	eiPD. 01 02 22.3, ei 03 03.5, ei 06 10, i 06 41.0, D 13.4 eiP 01 02 23 (2.0s 104mu, PH: 9s 2u, PV: 9s 1u), ei 03 26, eiS 05 04, Lg 06 00, Lm 09 (LH: 10s 18u, LV: 10s 10u), M 5.3, D 13.5
PRA	eP 01 02 23.5, e 02 37, eS 05 06, Lm 09 (LH: 9.5s 15u, LV: 7s 14u), M 5.3, D 13.6
MAR03	06 20 21 Tibet-India 30.04 N 79.84 E, 18km, m 5.0 ISC
KHC	eiP 06 29 38 (1.0s 10mu), eiPcP 30 50, ePP 31 25, m 4.7, D 52.8
MAR03	08 53 49.7 Philippines 10.73 N 125.41 E, 110km, m 5.1 ISC
KHC	eiP 09 07 04, eipP 07 27.5, D 95.8
MAR03	13 12 45.0 Samoa 16.54 S 172.90 W, 54km, m 4.6 ISC
PRU KHC	eiPKP 13 32 22.4, ei 32 47.8, D 146.1 eiPKHKP 13 32 27.3, ei 33 06.5, D 147.1
MAR03	14 49 31.6 E. of Kamchatka 51.57 N 159.29 E, 38km, m 5.4 ISC
PRA	eP 15 01 07, esP 01 21, Lm 39.5 (LH: 15.5s 12u, LV: 15s 14u), M 6.3, D 74.4
PRU	eiPC.S. 15 01 07.4 (1.4s 101mu). eiPP 03 48, ei 04 07, eS 10 40, eL 24, Lm 39.4 (LH: 14s 8.4u, LV: 14s 5u), m 5.7, M 6.2, D 74.5
KHC	iPC. 15 01 14.1 (1.3s 129mu), iPcP 01 27.2, ei 02 28.6, m 5.9, D 75.5
MAR03	Near shock
PRU KHC	ePg 16 27 32, eiSg 27 54, (D 1.6) ePg 16 27 35, eiSg 27 58.8, (D 1.8)
MAR03	16 30 15.2 Samoa 16.58 S 172.79 W, 33km, m 4.9 ISC
PRU	eiPKPC. 16 49 54, ei 50 06, ei 50 21.5, eL 17 49, Lm 59 (LH:

PRA KHC	18s 1.2u), M 5.7, D 146.2 ePKP 16 49 54, e 50 22, e 51 16, e 52 10, Lm 17 59, D 146.1 eiPKP 16 49 56.6, ei 50 29, D 147.2
MAR04	01 47 25.8 Turkey 36.98 N 31.04 E, 109km, m 4.8 ISC
KHC PRU	eiP 01 51 25 (1.2s 44.5mu), ei 52 00.5, m 4.6, D 17.6 eiP 01 51 26 (1.1s 40mu), ei 52 01.7, m 4.6, D 17.6
MAR04	06 23 22.9 S. of Fiji 23.78 S 179.18 E, 535km, m 4.7 ISC
KHC	eiPKHKP 06 42 19, eiPKP2 42 32, D 152.3
MAR04	Near shock
PRU	eiPg 13 35 30, eiSg 35 46.5, (D 1.2)
MAR04	Near shock
KHC PRU	eiPg 14 13 52, eiSg 14 10, (D 1.4) e 14 14 19, ei 14 45.6
MAR04	17 35 49.4 Persia 30.14 N 57.61 E, 53km ISC
KHC	eP 17 43 05, D 38.2
MAR04	18 01 49 Kurile Isl. 45.08 N 151.26 E, 37km ISC
KHC	eiP 18 13 52.2, D 79.2
MAR05	00 19 33.0 Tonga 16.77 S 173.7 W, 33km, m 4.2 ISC
PRU KHC	eiPKP 00 39 12, ei 39 32, D 146.2 eiPKP 00 39 15, D 147.2
MAR05	02 57 34.4 N. Atlantic Ocean 35.91 N 10.80 W, 42km, m 4.6 ISC
KHC	eiPC. 03 02 29 (1.0s 27mu), ei 02 48.7, ei 03 05.2, m 4.6, D 22.2
PRU	eiP 03 02 38 (1.1s 28mu), m 4.7, D 23.1
MAR05	Near shock
PRU KHC	eiPg 08 43 01.5, eiSg 43 19.8, (D 1.4) e 08 43 25.5, eiSg 43 35.8
MAR05	08 51 23.7 Philippines 10.11 N 125.94 E, 85km, m 5.0 ISC
PRU KHC	eiP 09 04 41.5, D 95.7 eiP 09 04 45, D 96.6

MAR05	Near shock
PRU	eiPg 12 58 07, eiSg 58 23, (D 1.2)
MAR05	Probably explosion
PRU	eiPg 13 00 45, eiSg 00 59.4, (D 1.1)
KHC	eiPg 13 01 01.6, eiSg 01 27.7, (D 2.0)
MAR05	Near shock
KHC	ePg 13 12 47, eiSg 13 08.5, (D 1.6)
MAR05	13 12 08 N. of Halmahera 4.04 N 128.11 E, 72km, m 5.5 ISC
PRU	eiP 14 05 55, ei 06 06.8, e 09 35, eiPP 10 18 (PPH: 4.8s 0.1u), eSKKS 17 01, eiS 17 36, eSPP 19 52, eSS 24 40, eL 40, Lm 46 (LH: 25s 6.8u), M 6.0, MPPH 5.9, D 101.8
KHC	eiP 14 05 59, ei 09 16, eiPP 10 11, D 102.7
PRA	ePP 14 10 18, eSPP 19 50, Lm 55, D 101.8
MAR05	14 41 16.4 Turkey 40.06 N 27.56 E, 33km, m 4.7 ISC
KHC	eiP 14 44 25.4, ei 44 36.2, D 13.5
PRU	eP 14 44 26, ei 45 40.4, ei 48 39.8, D 13.5
MAR05	Near shock
KHC	eiPg 15 02 00.5, eiSg 02 06.4, (D 0.46)
PRU	eiPg 15 02 12, eiSg 02 26.5, (D 1.1)
MAR05	16 11 16 N. of Halmahera 3.98 N 126.13 E, 81km, m 5.0 ISC
PRU	ePP 16 29 12, eL 17 02 (LH: 16s 2u), M 6.0, D 100.6
MAR05	19 33 22.9 Hindu Kush 36.41 N 70.73 E, 206km, m 5.7 ISC
PRA	iPC.W. 19 40 56.5 (PV: 4s 4.3u), epP 41 43, e 41 50, esP 42 05, ePP 42 45, ePPP 43 20, e 43 43, eS 47 03, esS 48 16, eSS 50 23, MPV 6.3, D 42.2
PRU	iPC.S.W. 19 40 57.5 (1.5s 430mu), eipP 41 36, eisP 42 04, ei 43 38, eiS 47 00, eisS 48 10, eiSS 50 22, m 5.8, D 42.2
KHC	iPC. 19 41 02.3 (2.1s 517mu), ipP 41 47.2, iPP 42 45.9, eisPP 43 56.2, m 5.7, D 42.9
MAR06	01 06 02 N. of Halmahera 4.15 N 128.44 E, 46km, m 5.1 ISC
KHC	e(P) 01 20 11, D 102.8
PRU	ePP 01 24 10, D 101.9
MAR06	01 20 52 N. of Halmahera 4.00 N 128.42 E, 98km, m 5.1 ISC

KHC	ePP 01 39 09.5, D 102.9
MAR06	07 04 27 E. of Kamchatka 51.44 N 159.35 E, 30km, m 4.4 ISC
KHC	eiP 07 16 11.4 (1.0s 13mu), m 5.0, D 75.6
MAR06	19 23 43 N. Atlantic Ocean 36.01 N 10.57 W, 18km, m 4.9 ISC
KHC	iPC. 19 28 38.2 (1.2s 238mu), i 28 52.2, ei 29 15.3, m 5.5, D 22.0
PRU	iPC. 19 28 47.9 (1.7s 206mu), i 29 01.5, ei 30 24, m 5.4, D 22.9
PRA	eP 19 28 48, D 22.9
MAR07	01 44 25.6 Tonga 17.75 S 175.37 W, 250km, m 4.4 ISC
KHC	ePKIKP 02 03 36.5, D 147.9
PRU	ePKP 02 03 40, D 146.9
MAR07	08 26 57.6 E. Kazakhstan 49.81 N 78.15, 0km, m 5.6 ISC
PRU	eiPC. 08 34 34.8 (1.0s 76mu), ei 35 48.8, eiPP 36 05.5, m 5.3, D 39.8
PRA	eP 08 34 35, D 39.9
KHC	iPC. 08 34 42.6 (1.0s 108mu), eiPP 36 13, m 5.5, D 40.8
MAR07	09 00 Explosion of 13 Tons: Czechoslovakia 49.78 N 14.54 E PRU
PRU	eiPg 09 00 39.5, eiSg 00 42.5, D 0.21
KHC	eiPg 09 00 52, ei 00 55.5, ei 01 07, D 0.90
MAR07	Near shock
PRU	ePg 09 54 23, eiSg 54 40, (D 1.3)
MAR07	12 01 Explosion of 21.3 Tons: Czechoslovakia 50.58 N 14.02 E PRU
PRU	eiPg 12 01 27.6, iSg 01 36.2, D 0.68
PRA	e 12 01 32, D 0.70
KHC	eiPg 12 01 42, iSg 02 01.5, D 1.5
MAR07	Near shock
PRU	ePg 14 01 55, eiSg 02 24.5, (D 2.4)
KHC	eSg 14 02 43
MAR07	14 05 00.9 Explosion of 10.8 Tons: Germany 50.58 N 10.05 E HAN
KHC	e 14 05 53, eiSg 06 29.7, D 2.7
PRU	eiPg 14 05 57, eiSg 06 35.5, D 2.9

MAR07	20 26 12 Lake Tanganyika 2.58 S 29.23 E, 10km ISC
KHC	eiP 20 35 32, D 53.3
MAR07	21 31 14.1 N. Atlantic Ocean 36.14 N 10.48 W, 25km ISC
KHC	eiP 21 36 07.5, D 21.8
MAR08	03 35 56 N. Atlantic Ocean 35.84 N 10.50 W, 6km, m 4.3 ISC
KHC	eiPC. 03 40 52.5 (1.3s 19mu), ei 41 04.3, m 4.4, D 22.1
PRU	eP 03 41 02, D 23.0
MAR08	10 20 09.9 Japan 41.35 N 139.71 E, 174km, m 5.5 ISC
PRU	eiP 10 31 46 (0.8s 19mu), eipP 32 30.3, eiPP 34 42, eiPPP 36 23.5, m 4.9, D 77.1
KHC	eiPC. 10 31 52.1 (1.0s 17mu), eipP 32 27.5, ei(PP) 34 39.5, m 4.7, D 78.2
MAR08	18 09 02 Tonga 16.08 S 173.57 W, 178km, m 5.0 ISC
PRU	eiPKP 18 28 21.5 (1.2s 86mu), ei 28 30.7, D 145.5
PRA	ePKP 18 28 22, D 145.5
KHC	iPKPC. 18 28 24.1, eisPKP 29 20.5, D 146.5
MAR08	23 42 44 Germany 48.19 N 9.11 E, 5km ISC
KHC	ePn 23 43 36, eiPg 43 44.5, eiSg 44 26, D 3.1
PRU	ePg 23 44 01, eiSg 44 54, D 4.0
MAR09	06 58 11.0 Germany 48.25 N 8.97 E, 14km ISC
KHC	ePn 06 59 01, eiPg 59 09.8, eiSg 59 50.8, D 3.2
MAR09	11 35 29.8 N.W. of Kurile Isl. 48.02 N 148.38 E, 382km, m 4.9 ISC
PRU	eiPD. 11 46 29.6 (1.2s 18mu), m 4.7, D 74.6
KHC	eiP 11 46 35 (1.1s 16mu), m 4.7, D 75.6
MAR09	12 30 28.3 Fiji 20.20 S 177.81 W, 538km, m 4.4 ISC
PRU	eiPKHKPD. 12 49 15.5, D 148.7
KHC	eiPKHKP 12 49 18.5, eiPKP2 49 26, D 149.7
MAR09	13 08 16.7 N. Atlantic Ocean 36.17 N 10.49 W, 31km, m 4.5 ISC
KHC	eiP 13 13 09.5 (1.2s 60mu), ei 13 49, m 4.9, D 21.8
PRU	eiP 13 13 18.5 (1.1s 25mu), ei 13 42, m 4.7, D 22.8

MAR09	13 48 01.3 W. New Guinea 4.10 S 135.65 E, 14km, m 5.6 ISC
KHC	ePKIKP 14 06 45, eiPP 07 30, D 113.7
PRU	ePP 14 07 27.5, ei 08 05, ePPS 18 14, eL 40, Lm 15 04 (LH: 18s 10.2u), M 6.4, D 112.8
PRA	Lm 15 04 (LH: 17.5s 8.4u, LV: 18s 7.8u), M 6.3, D 112.8
MAR09	14 26 14 Japan 31.20 N 141.77 E, 1km, m 5.3 ISC
PRU	eP 14 39 01, eisP 39 17.5, ePP 42 34, D 86.6
KHC	eP 14 39 08, eipP 39 18, eiPP 42 29, D 87.7
MAR09	14 39 04.1 W. New Guinea 4.07 S 135.64 E, 33km, m 5.4 ISC
KHC	ePKIKP 14 57 34.5, eiPP 58 35.2, D 113.6
PRU	ePP 14 58 28, D 112.7
MAR10	05 35 13 Taiwan 22.83 N 121.17 E, 21km, m 4.9 ISC
PRU	eiP 05 47 38, D 82.9
KHC	eiP 05 47 42.7, D 83.8
MAR10	06 54 16.3 E. New Guinea 5.60 S 147.29 E, 194km, m 5.7 ISC
PRU	ePKIKP 07 12 46, e 13 34.5, eiPP 14 19, eiPKKP 22 53.7, ePPS 25 24, eSS 30 32, eL 44, Lm 57 (LH: 24s 3.3u), M 6.6, D 120.7
KHC	eiPKIKP 07 12 47.9, eiPP 14 23.4, ei 17 29, eiPKKP 22 51, D 121.7
PRA	ePKIKP 07 12 48, ePP 14 18, D 120.7
MAR10	08 15 09.2 Nicaragua 12.34 N 87.46 W, 67km, m 5.2 ISC
KHC	eiP 08 27 53, ei 28 09, D 87.9
MAR10	Near shock
PRU	ePg 13 39 38, eiSg 39 58.5, (D 1.5)
KHC	ePg 13 39 47, eiSg 40 12, (D 1.9)
MAR10	19 04 02.7 Hindu Kush 36.47 N 70.92 E, 195km, m 4.8 ISC
PRU	eiP 19 11 38.2 (1.6s 37mu), m 4.7, D 42.3
KHC	eiP 19 11 44.2 (1.8s 26mu), m 4.4, D 43.0
MAR11	12 31 44.5 Japan 38.54 N 142.91 E, 50km, m 4.5 ISC
PRU	eP 12 43 56, D 80.8
KHC	eP 12 44 01, D 81.9
MAR11	15 33 50.1 N.E. of Taiwan 25.68 N 123.80 E, 190km, m 4.8 ISC
KHC	eP 15 45 56 (1.5s 27mu), eipP 46 45, m 4.8, D 83.1

PRU	eipP 15 46 42, D 82.1
MAR11	19 20 28.7 Kirgiziya-Sinkiang 41.39 N 79.7 E, 33km, m 4.7 ISC
PRU	eiP 19 28 41.5, D 45.0
KHC	eiP 19 28 48, ei 29 39.5, D 45.8
MAR12	07 51 38.8 Poland 50.32 N 19.20 E, m 2.7 WAR
KHC	eSg 07 53 59.5, D 3.8
MAR12	Near shock
PRU	e 12 15 41, eiSg 15 53
KHC	eiPg 12 15 54, eiSg 16 15, (D 1.6)
MAR12	17 43 37.9 S. Persia 28.30 N 53.26 E, 48km, m 4.7 ISC
KHC	eiP 17 50 41.8, D 36.7
MAR13	Near shock
PRU	ePg 08 59 38, eiSg 59 53, (D 1.1)
KHC	eiPg 08 59 52.9, eiSg 09 00 13.5, (D 1.6)
MAR13	Near shock
PRU	eSg 12 20 47
KHC	ePg 12 21 02.5, eiSg 21 17.4, (D 1.1)
MAR13	Near shock
PRU	e 13 02 48.5, eiSg 03 08.6
KHC	ePg 13 02 50, eiSg 03 16, (D 2.0)
MAR13	Near shock
PRU	e 13 59 34, eiSg 59 45.5
KHC	eiPg 13 59 37, eiSg 59 52, (D 1.1)
MAR13	18 43 48.8 N.W. Canada 63.57 N 128.62 W, 33km, m 4.8 ISC
PRU	eP 18 54 17.5, D 63.1
KHC	eiP 18 54 21 (1.1s 20mu), m 5.1, D 63.8
MAR13	22 19 36 N. Peru 7.98 S 80.16 W, m 5.3 ISC
KHC	eP 22 33 15, D 98.4
MAR14	08 47 18.4 Nicaragua 12.75 N 86.85 W, 203km, m 5.5 ISC

KHC	eiPC. 08 59 42.4 (1.2s 36mu), eipP 09 00 26.6, eiPP 03 16, m 5.2, D 87.2
PRA	eP 08 59 43 (PV: 7s 2.0u), epP 09 00 29, ePP 03 18, eS 10 11, ePS 11 29, MPV 6.1, D 87.4
PRU	eiP 08 59 44, eipP 09 00 28.6, eiPP 03 12.8, eSKS 09 52, eSP 11 14, Lm 46.8 (LN: 18s 1.8u), (M 6.2), D 87.5
MAR14	Near shock
PRU	ePg 10 46 26, eiSg 46 47.5, (D 1.6)
KHC	e 10 46 40, eiSg 47 04.5
MAR14	14 05 00.6 Quarry Blast of 7.7 Tons: Austria 47.63 N 11.14 E, 0km FUR
PRU	ePn 14 05 53, ePg 06 02, eiSg 06 04, D 3.3
KHC	ei 14 06 42.5, ei 07 07, D 2.2
MAR14	22 52 13.9 Philippines 20.51 N 121.88 E, 73km ISC
PRU	eP 23 04 43, D 85.1
MAR15	04 21 25.6 N.W. of Kurile Isl. 50.69 N 150.21 E, 518km, m 4.3 ISC
PRU	eP 04 32 02, D 72.8
MAR15	08 26 10.6 Caspian Sea 42.43 N 49.07 E, 64km, m 4.9 ISC
PRU	eiP 08 31 29.5 (1.0s 23mu), m 4.7, D 24.9
KHC	eP 08 31 32.5, ei 32 28, D 25.5
MAR15	Near shock
PRU	eiPg 11 59 34.4, eiSg 59 51.5, (D 1.3)
KHC	ePg 11 59 50, eiSg 12 00 18, (D 2.2)
MAR15	11 44 42.5 Ceram Sea 2.80 S 126.60 E, 33km, m 5.6 ISC
KHC	eiPKIKP 12 03 07.5, D 107.1
PRU	ePP 12 03 15, e 03 22, D 106.2
MAR15	Near shock
PRU	eiPg 12 47 24.5, eiSg 47 59, (D 2.7)
KHC	e 12 47 31, eiSg 48 05.5
MAR15	13 35 35.3 Aleutian Isl. 51.31 N 179.02 W, 44km, m 5.5 ISC
PRA	eP 13 47 32, D 78.4
PRU	eiPC. 13 47 32.2 (1.1s 33mu), m 5.4, D 78.4
KHC	eiPC. 13 47 38.2 (1.2s 69mu), m 5.6, D 79.4

MAR16	03 23 04 Loyalty Isl. 21.60 S 169.84 E, 18km ISC
PRU KHC	eiPKP 03 42 42.5, D 145.6 eiPKP 03 42 46, D 146.7
MAR16	14 10 57 Carlsberg Ridge 9.62 N 57.95 E, 91km, m 4.9 ISC
PRU KHC	eiP 14 20 11.5, D 53.9 eiP 14 20 12.5, D 54.0
MAR16	15 54 16.7 Japan 38.57 N 142.83 E, 33km, m 5.5 ISC
PRU PRA KHC	eiPC. 16 06 28.4 (1.1s 81mu), eipP 06 40.2, ei 07 06, ei 09 51, eS 16 32 (SH: 7s 1.6u), eL 35, Lm 57.9 (LH: 16s 4.8u), m 5.7, M 6.0, MSH 6.2, D 80.8 eP 16 06 29, esP 06 43, eS 16 36 (SN: 7s 1.7u), Lm 48 (LH: 16s 4.0u, LV: 15s 5u), M 5.9 (MSH 6.3), D 80.7 iPC. 16 06 34.1 (1.2s 83mu), ei 06 50, ei 09 55, m 5.7, D 81.1
MAR16	16 57 07.3 Japan 40.97 N 143.14 E, 41km, m 4.4 ISC
KHC PRU	eP 17 09 13.5, D 79.9 e 17 09 18, D 78.8
MAR17	00 56 06.4 Fiji 17.72 S 179.92 E, 619km, m 5.3 ISC
PRU PRA KHC	eiPKPC. 01 14 39, ei 17 21, D 145.7 ePKP 01 14 40, D 145.7 eiPKP 01 14 41.8, ei 15 11, D 146.8
MAR17	01 01 55.2 Fiji 17.78 S 179.95 E, 619km, m 4.4 ISC
PRU KHC	eiPKPD. 01 20 27.4, D 145.8 eiPKP 01 20 30.5, D 146.9
MAR17	01 30 08.1 Fiji 17.70 S 179.86 E, 629km, m 4.7 ISC
KHC PRU PRA	eiPKIKP 01 48 39, iPKHKP 48 42.7, D 146.7 eiPKP 01 48 40 (0.5s 57mu), D 145.7 ePKP 01 48 41, D 145.7
MAR17	Near shock
KHC	eiPg 10 20 39.7, eiSg 20 57.8, (D 1.4)
MAR17	Near shock
PRU	eiPg 17 17 08, eSg 17 22, (D 1.1)
MAR18	Unidentified shock
PRU	eP 03 37 57

KHC	eP 03 38 00
MAR18	03 25 36 Loyalty Isl. 21.31 S 170.94 E, 31km, m 5.3 ISC
PRU PRA KHC	eiPKP 03 45 12, e 46 04.5, D 145.8 ePKP 03 45 12, D 145.8 eiPKP 03 45 15, ei 45 53.2, D 146.9
MAR18	03 32 50 Loyalty Isl. 21.34 S 171.08 E, 40km, m 5.2 ISC
PRU PRA KHC	eiPKP 03 52 27.5, e 54 25, D 145.9 ePKP 03 52 29, D 145.9 ePKP 03 52 30.6, D 147.0
MAR18	03 41 17 Tonga 15.23 S 173.47 W, 1km, m 5.0 ISC
KHC PRU	ePKP 04 01 00.5, ei 01 13, D 145.7 ei 04 01 08.7, D 144.7
MAR18	04 17 33 N. Atlantic Ocean 35.97 N 10.55 W, 11km, m 4.2 ISC
KHC PRU	eiPC. 04 22 29 (1.2s 23mu), m 4.5, D 22.0 eiP 04 22 38.5, ei 22 55, D 23.0
MAR18	05 09 10.2 Kurile Isl. 47.05 N 154.14 E, 42km, m 4.4 ISC
PRU KHC	eP 05 21 02, D 77.2 eiP 05 21 07.8, D 78.3
MAR18	06 00 33.2 N. Atlantic Ocean 35.88 N 10.5 W, 25km ISC
KHC	e 06 05 30, D 22.0
MAR18	07 46 46 Loyalty Isl. 21.3 S 171.2 E, 33km ISC
KHC	ePKIKP 08 06 24, D 147.0
MAR18	10 22 Explosion of 2.8 Tons: Czechoslovakia 49.84 N 14.84 E PRU
PRU KHC	iPg 10 22 04, iSg 22 04.1, D 0.24 ePg 10 22 21.5, eiSg 22 37, D 1.1
MAR18	13 20 10 Loyalty Isl. 21.4 S 170.9 E, 39km ISC
KHC	ePKIKP 13 39 47, D 147.0
MAR18	16 16 39.4 Kurile Isl. 44.13 N 150.85 E, 45km, m 5.6 ISC
PRU PRA KHC	iPD. 16 28 40 (1.2s 52mu), eipP 28 52.5, ei 29 24, Lm 17 03.5 (LH: 16s 1.4u), m 5.4, M 5.4, D 78.8 eP 16 28 40, D 78.8 iPD. 16 28 45.8 (1.2s 85mu), ei 29 32.7, m 5.5, D 79.9

MAR18	Rock Burst, mine region of Kladno
PRU	iPgD. 17 04 24, i 04 26, iSg 04 28.5, D 0.35
PRA	e 17 04 24, eSg 04 29
KHC	eiPn 17 04 37.6, iPg 04 39.2, iSg 04 55.5, D 1.2
MAR18	20 31 27.8 Vancouver Isl. 50.17 N 129.88 W, 33km, m 5.1 ISC
KHC	eiP 20 43 15.2, D 76.2
MAR18	22 35 32 S. of Tonga 24.21 S 175.77 W, 88km, m 5.2 ISC
PRU	ePKHKP 22 55 22, eiPKP2 55 27.5, ei 55 33, D 153.0
KHC	eiPKHKP 22 55 23.2, eiPKP2 55 38.4, eiPP 59 07, D 154.1
MAR18	23 30 43.4 Kurile Isl. 50.75 N 156.79 E, 108km, m 4.9 ISC
PRU	eiP 23 42 12.5 (1.5s 24mu), m 4.8, D 74.6
KHC	eiPC. 23 42 18.3 (1.0s 28mu), m 5.0, D 75.6
MAR19	Near shock
PRU	ePg 12 54 03, eSg 54 25, (D 1.6)
KHC	e 12 54 07, eiSg 54 26
MAR19	Near shock
PRU	eiPg 13 02 24.5, eiSg 02 41.5, (D 1.3)
KHC	e 13 02 57.5, eiSg 03 16.5
MAR19	13 59 26.0 Ryukyu Isl. 28.81 N 128.34 E, 168km, m 5.6 ISC
PRU	eiP 14 11 29 (1.9s 204mu), eipP 12 10.5, eScS 21 38, Lm 45, m 5.6, D 82.1
PRA	eP 14 11 30, epP 12 12, e 15 18, Lm 45, D 82.1
KHC	iP 14 11 35.4 (1.5s 191mu), eipP 12 15.2, ei 15 27, m 5.6, D 83.1
MAR19	Near shock
KHC	eiPg 16 00 25, eiSg 00 40.4, (D 1.1)
MAR19	18 18 57.7 Kurile Isl. 44.0 N 150.83 E, 43km, m 4.9 ISC
PRU	eiP 18 30 59.5, D 78.9
KHC	eiP 18 31 04.8 (1.4s 20mu), m 4.9, D 79.9
MAR20	08 17 45.1 Gulf of California 31.32 N 114.18 W, 39km, m 5.3 ISC
KHC	eiP 08 30 28.5 (3.9s 181mu), m 5.7, D 87.4
PRU	eiPC. 08 30 28.6 (1.2s 19mu), eipP 30 39, eS 41 40, e 42 28

PRA	eL 57, Lm 09 08 (LH: 17s 4.5u, LV: 17s 2.1u), m 5.2, M 5.9, D 87.2
PRA	e(S) 08 41 17, Lm 09 08 (LH: 16s 4.4u, LV: 16s 3.9u), M 6.0, D 87.2
MAR20	15 05 01.3 Explosion of 7.8 Tons: Germany 50.97 N 9.22 E HAN
PRU	ePn 15 05 58.5, eSg 06 57, D 3.5
KHC	ePg 15 06 09, eiSg 06 51, D 3.4
MAR20	16 18 57.5 Philippines 8.69 N 127.35 E, 43km, m 6.1 ISC
PRA	eP 16 32 29, e(PP) 36 40, eSKS 43 05, eS 43 51, eSP 45 15, e 47 24, e 48 12, Lm 17 25 (LH: 18.5s 10.7u, LV: 18s 9u), M 6.4, D 97.7
PRU	eiPD. 16 32 29.3 (1.4s 213mu), eisP 32 43, eiSKS 43 01, eiS 43 48 (SH: 9s 2.5u), ei 45 10, eL 17 09, Lm 25 (LH: 17s 5.9u), m 6.6, M 6.1, MSH 6.7, D 97.6
KHC	iPD. 16 32 33.8 (1.5s 209mu), ei 32 54.5, m 6.6, D 98.5
MAR20	18 16 08.1 Aleutian Isl. 51.65 N 175.07 W, 73km, m 4.7 ISC
PRU	eP 18 28 02.5, D 78.4
KHC	eiP 18 28 08.2 (1.0s 14mu), m 4.8, D 79.3
MAR20	20 46 55.4 S. Indian Ocean 27.55 S 66.10 E, 33km ISC
KHC	eP 20 59 50, D 89.5
PRU	eP 20 59 52, D 89.7
MAR20	23 38 37 Philippines 8.81 N 127.41 E, 5km, m 5.5 ISC
PRA	eP 23 52 14, D 97.6
PRU	eiPC. 23 52 14, D 97.6
KHC	eiPC. 23 52 18.2, D 98.5
MAR21	01 41 04 New Hebrides 20.28 S 169.7 E, 106km ISC
PRU	eiPKP 02 00 27, D 144.4
KHC	eiPKP 02 00 30.5, D 145.4
MAR21	03 05 09.3 Japan 40.37 N 143.81 E, 14km, m 5.5 ISC
PRA	eP 03 17 16, e 17 28, Lm 58 (LH: 14s 2.3u, LV: 14s 2.2u), M 5.7, D 79.6
PRU	eiPC. 03 17 17.5 (1.4s 83mu), eipP 17 27.2, ei 17 38.5, ePP 20 17, eS 27 16, e 28 41, eL 47, Lm 51 (LH: 18s 2.5u), m 5.5, M 5.6, D 79.6
KHC	eiP 03 17 23.7 (1.1s 67mu), eipP 17 33.2, ei 18 04.8, ei(PP) 20 16.2, m 5.6, D 80.7
MAR21	03 53 47.4 Gulf of California 31.42 N 114.13 W, 69km, m 5.3 ISC

PRU KHC	eP 04 06 27, Lm 44 (LH: 18s 1.7u), M 5.5, D 87.1 eP 04 06 28, D 87.3
MAR21 KHC PRU PRA	04 56 21 Gulf of California 31.26 N 114.34 W, 36km, m 5.4 ISC eP 05 09 07 (1.5s 36mu), m 5.4, D 87.5 eiP 05 09 07.5 (1.5s 35mu), esP 09 22, eScS 19 50, eL 41, Lm 47 (LH: 17s 3.9u), m 5.4, M 5.9, D 87.3 Lm 05 50 (LH: 14.5s 2.4u, LV: 15s 1.8u), M 5.7, D 87.3
MAR21 PRA KHC PRU	06 34 26 Gulf of California 31.25 N 114.31 W, 23km, m 5.6 ISC eP 06 47 12 (PV: 6s 0.8u), eS 57 56, Lm 07 25 (LH: 18s 4.3u, LV: 16s 2.4u), M 5.9, MPV 6.1, D 87.2 eP 06 47 13, D 87.5 eS 06 57 52, eL 07 19, Lm 25 (LH: 16s 2.8u), M 5.7, D 87.3
MAR21 PRU	06 42 26.3 Japan 43.09 N 145.15 E, 103km, m 4.7 ISC eP 06 54 14, D 77.8
MAR21 PRU KHC	07 21 10.2 Gulf of California 31.35 N 114.73 W, 16km, m 5.2 ISC eP 07 33 56.5, eL 08 03, Lm 11.7 (LH: 17s 2.0u), M 5.6, D 87.2 eP 07 33 58.5, D 87.4
MAR21 KHC PRU PRA	10 10 15 Gulf of California 31.29 N 114.38 W, 29km, m 5.4 ISC eP 10 22 54.5, D 87.5 eP 10 22 59, eL 55, Lm 11 01.6 (LH: 18s 2.1u), M 5.6, D 87.3 Lm 11 00, D 87.3
MAR21 PRU KHC	10 23 53 Philippines 8.54 N 127.41 E, 29km, m 5.2 ISC eP 10 37 29, D 97.8 eP 10 37 30.5, D 98.7
MAR21 PRU KHC	12 05 17.6 Kurile Isl. 49.52 N 155.83 E, 67km, m 5.2 ISC eiP 12 16 56 (1.0s 15mu), epP 17 18, eL 48, Lm 53.5 (LH: 20s 1.4u), m 4.9, M 5.3, D 75.5 eiP 12 17 02 (1.3s 25mu), m 5.0, D 76.5
MAR21 KHC	Near shock ePg 14 58 28, eiSg 58 46, (D 1.4)
MAR21 KHC PRU	15 21 55.4 Germany 48.2 N 9.09 E, 2km ISC eiPn 15 22 48, eiPg 22 57, eiSn 23 23.5, eiSg 23 37, D 3.1 ePg 15 23 12, eSg 24 06, D 4.0

MAR21 PRU	Near shock eiPg 16 26 23.5, eiSg 26 38.5, (D 1.1)
MAR22 PRU KHC	01 50 45.8 Tonga 17.97 S 174.03 W, 61km, m 4.8 ISC ePKP 02 10 24, D 147.3 eiPKHKPC. 02 10 26.8, D 148.3
MAR22 PRU KHC	04 13 37.7 Afghanistan - USSR 37.29 N 71.79 E, 126km, m 5.0 ISC eiP 04 21 21.5, D 42.3 eiP 04 21 27.5, D 43.0
MAR22 PRU KHC	04 47 14.3 Poland 50.25 N 18.96 E, m 3.0 WAR ePg 04 48 06, e 48 45, eiSg 48 49, D 2.9 ePn 04 48 11, eiSg 49 11.2, D 3.7
MAR22 PRU KHC	04 52 35 Afghanistan - USSR 38.85 N 70.46 E, 25km, m 5.2 ISC eiPD. 05 00 15 (1.2s 52mu), ei 00 51, eiPP 01 52, eL 12.5, Lm 19.5 (LH: 10s 1.2u), m 5.1, M 5.1, D 40.6 iPD. 05 00 21.2 (1.1s 58mu), eiPP 01 58.5, m 5.2, D 41.5
MAR22 KHC PRU	05 43 58.0 Fiji 15.51 S 176.07 W, 33km, m 5.4 ISC eiPKP 06 03 33.8, i 03 38.0, eiPP 06 57.2, D 145.6 eiPKPC. 06 03 34, ei 04 34, D 144.5
MAR22 PRU	07 25 32 Gulf of California 31.29 N 114.24 W, 3km, m 5.2 ISC eP 07 38 22, e(SS) 54 26, eL 08 12, Lm 16 (LH: 16s 2.0u), M 5.6, D 87.2
MAR22 PRU KHC	12 13 19 Tonga 15.3 S 173.1 W, 46km, m 4.6 ISC ePKP 12 33 02.5, D 144.8 eiPKP 12 33 05, D 145.8
MAR22 PRU KHC	Near shock ePg 12 43 44, eiSg 44 07, (D 1.7) e 12 43 50, eiSg 44 13
MAR22 PRU KHC	13 36 07.1 Kurile Isl. 43.52 N 147.47 E, 42km, m 5.1 ISC eiPC. 13 48 04.3 (0.7s 18mu), m 5.3, D 78.2 eiPC. 13 48 10.3 (0.9s 25mu), eipP 48 20.5, m 5.2, D 79.3
MAR22	13 31 07.9 Fiji 16.45 S 177.47 W, 33km, m 4.9 ISC

PRU KHC	eiPKP 13 50 44, D 145.2 eiPKP 13 50 47.4, D 146.2
MAR22	15 34 32 Fiji 15.45 S 176.49 W, 190km, m 4.5 ISC
PRU KHC	ePKP 15 43 49, D 144.4 eiPKPD. 15 43 51.2, ei 44 17, D 145.4
NOV22	17 31 11 N. Celebes 0.76 S 122.48 E, 63km, m 5.2 ISC
PRU KHC	ePP 17 49 17, D 102.1 ePP 17 49 20, D 102.9
MAR22	18 00 55 Turkey 39.10 N 28.67 E, 28km, m 4.7 ISC
KHC	eP 18 04 25, D 14.7
MAR23	02 07 50.3 S. of Fiji 24.81 S 179.97 W, 527km, m 4.8 ISC
KHC PRU	ePKIKP 02 26 39.5, eiPKHKP 26 51, eiPKP2 27 06.2, D 153.5 eiPKHKP 02 26 48.5, eiPKP2 27 01, D 152.5
MAR23	11 49 35 W. of Colombia 6.37 N 77.65 W, 16km, m 5.0 ISC
KHC PRU PRA	eiP 12 02 14.5, D 86.0 eP 12 02 20, e 04 24, e 19 28, eL 27, Lm 37 (LH: 16s 1.8u), M 5.6, D 86.6 Lm 12 39, D 86.6
MAR23	12 01 02.8 Mid-Atlantic Ridge 0.69 N 25.87 W, 33km, m 4.8 ISC
KHC PRU	eP 12 10 59, ei 11 34.2, D 58.9 eP 12 11 06, D 60.0
MAR23	21 08 42.1 Turkey 39.14 N 28.48 E, 9km, m 5.6 ISC
KHC PRU PRA	eiPD. 21 12 10.6 (1.6s 350mu), ei 13 37.5, ei 16 28.4, D 14.6 eiPD.S.E. 21 12 11 (PV1: 1.3s 55mu, PV2: 1.8s 281mu, PH: 7s 7s 3.2u, PV: 7s 1.5u), ei 12 20, ei 12 42, eS 14 48, eL 15 40, Lm 19 (LH: 9s 38u, LV: 9s 17u), M 5.9, D 14.7 ePC.N.W. 21 12 14 (PH: 6s 3.6u, PV: 6s 4.5u), eS 15 00, Lm 19.5 (LH: 9s 43u, LV: 9s 41u), M 5.9, D 14.8
MAR23	21 51 26.8 Algeria 37.4 N 4.88 E, 0km ISC
KHC	eiP 21 54 51, D 14.2
MAR24	00 54 14.7 Tonga 19.39 S 175.55 W, 181km, m 4.7 ISC
KHC PRU	ePKIKP 01 13 38.5, eipPKP 14 40.2, D 149.4 eiPKHKP 01 13 42, D 148.4

MAR24	01 59 34.0 Turkey 39.11 N 28.51 E, 30km, m 5.0 ISC
KHC PRU PRA	eiP 02 02 59.8 (1.5s 42mu), ei 04 05.5, ei 05 13, ei 07 36.7, D 14.7 eP 02 03 00, e 03 44, eS 05 46, eL 07, Lm 10 (LH: 9s 3.4u), M 5.0, D 14.7 eP 02 03 01, eS 05 51, Lm 10.5 (LH: 9.5s 4.3u, LV: 9s 4.1u), M 4.9, D 14.8
MAR24	07 50 25.6 Samoa 16.71 S 172.59 W, 33km, m 4.7 ISC
PRU KHC	ePKP 08 10 05, D 146.3 ePKP 08 10 08, D 147.3
MAR24	09 33 28 N. Atlantic Ocean 35.88 N 10.50 W, 19km, m 4.3 ISC
KHC PRU	eiPC. 09 38 23 (1.4s 32mu), m 4.6, D 22.0 eP 09 38 33, ei 38 51.2, D 23.0
MAR24	11 31 Explosion of 32.6 Tons: Czechoslovakia 50.58 N 14.05 E
PRU PRA KHC	eiPg 11 31 54, ei 32 06.5, D 0.67 e 11 32 06, D 0.57 eiPg 11 32 09, eiSg 32 32, D 1.5
MAR24	Near shock
KHC PRU	e 11 35 15, eSg 35 59 ePg 11 36 02, eiSg 36 19, (D 1.3)
MAR24	11 34 34.0 Turkey 39.17 N 28.70 E, 37km, m 4.6 ISC
KHC	eP 11 38 05, D 14.7
MAR24	11 54 14 Egypt 27.47 N 33.87 E, 16km, m 4.9 ISC
KHC PRU	eiP 11 59 55 (1.6s 75mu), m 5.2, D 26.7 eiP 11 59 56.5, ei 12 00 55.5, eS 04 32, D 26.9
MAR24	12 13 17 Turkey 39.08 N 28.65 E, 20km ISC
KHC	eP 12 16 48, D 14.7
MAR24	12 44 51 Dodecanese Isl. 36.6 N 28.6 E, 0km ISC
KHC	eP 12 48 47, D 16.6
MAR24	12 50 51 Egypt 27.49 N 33.78 E, 43km, m 4.8 ISC
KHC PRU	eiP 12 56 28 (1.2s 22mu), ei 57 29, m 4.8, D 26.6 eiP 12 56 29.5, ei 56 45, D 26.9

MAR24	Unidentified shock
PRU	eiP 13 13 48
KHC	eiP 13 13 50
MAR24	15 00 31.3 S.W. Ryukyu Isl. 24.34 N 123.66 E, 68km, m 5.0 ISC
PRU	eP 15 12 52, D 83.1
KHC	eiP 15 12 56.5, D 84.1
MAR24	Unidentified shock
PRU	eP 23 58 43
KHC	eiP 23 58 45
MAR25	02 25 01.9 Japan 31.24 N 141.77 E. 37km, m 4.9 ISC
PRU	eP 02 37 42, D 86.6
KHC	eP 02 37 48, D 87.6
MAR25	07 09 23 Kermadec Isl. 30.24 S 177.31 W, 36km, m 4.6 ISC
KHC	ePKP2 07 30 00.5, D 159.4
PRU	ePKP2 07 30 04, D 158.3
MAR25	Unidentified shock
KHC	eiP 08 43 49.7, ei 43 58, ei 44 47
PRU	e 08 44 20, e 44 48
MAR25	13 21 12 Turkey 39.06 N 28.41 E, 28km, m 4.9 ISC
PRU	eP 13 24 36, D 14.7
KHC	eiP 13 24 38.6, D 14.6
MAR25	13 21 34.2 Turkey 39.25 N 28.44 E, 37km, m 5.5 ISC
KHC	eiP 13 24 57.7, ei 26 21, eiS 27 38.7, ei 29 14, D 14.5
PRU	eiPD.E.S. 13 24 59 (PH: 6s 4.5u, PV: 6s 3.2u), ei 25 42, ei 27 22, eiS 27 36, Lg 28 22, Lm 30 (LH: 14s 70u, LV: 10s 15u), M 5.9, D 14.6
PRA	ePC.N.W. 13 25 03 (PV: 6s 5.9u), eS 27 52, Lm 32.5 (LH: 10s 39u, LV: 10s 33u), M 5.8, D 14.7
MAR25	13 28 50.1 Turkey 38.78 N 28.51 E, 40km, m 4.8 ISC
PRU	eiP 13 32 23.5, ei 33 37, D 15.0
MAR25	14 18 52.1 Turkey 39.17 N 28.49 E, 34km, m 4.8 ISC
KHC	eiP 14 22 17, ei 22 24.6, ei 26 57, D 14.6
PRU	eiPC. 14 22 17, eL 26, Lm 28.5 (LH: 10s 1.4u), M 4.4, D 14.7

PRA	eP 14 22 19, Lm 28.5
MAR25	16 13 30.4 Turkey 39.08 N 28.44 E, 42km, m 4.7 ISC
PRU	eP 16 16 55, e 17 02, D 14.7
KHC	eP 16 16 56, D 14.6
PRA	Lm 16 23, D 14.7
MAR26	03 22 17.4 Poland 50.36 N 18.88 E, m 3.2 WAR
PRU	ePg 03 23 11, eSg 23 47, D 2.8
KHC	e 03 23 48, eiSg 24 15.2, D 3.7
MAR26	03 31 26.5 Turkey 39.03 N 28.27 E, 37km, m 4.6 ISC
KHC	eP 03 34 52, D 14.6
PRU	eP 03 34 56, Lm 41 (LE: 10s 0.5u), (M 4.0), D 14.7
PRA	Lm 03 41, D 14.7
MAR26	Near shock
PRU	eiPg 08 32 39, ei 33 15, eiSg 33 19, (D 3.0)
KHC	e 08 32 48, eiSg 33 33.2
MAR26	09 24 16 S. of Tonga 25.0 S 175.6 W, 26km, m 4.9 ISC
KHC	eiPKHKP 09 44 15.2, D 154.8
PRU	e 09 44 21, ePKP2 44 24, D 153.8
MAR26	Unidentified shock
KHC	ei 11 20 19, ei 20 31.6
MAR26	12 00 Explosion of 15 Tons: Czechoslovakia 50.13 N 12.99 E PRU
PRU	iPg 12 00 31.5, eiSg 00 44.5, ei 00 46.5, D 1.0
KHC	eiPg 12 00 32, eiSg 00 46.6, D 1.1
MAR26	13 00 Explosion of 13.3 Tons: Czechoslovakia 50.17 N 13.17 E PRU
PRU	iPg 13 00 50.2, iSg 01 04.7, D 0.90
KHC	eiPg 13 00 53, iSg 01 07.8, D 1.1
MAR26	Explosion of 5.2 Tons: Germany 51.34 N 12.89 E CLL
PRU	eiPg 14 26 01, ei 26 23, eiSg 26 25, D 1.7
KHC	e 14 26 13, eiSg 26 36, D 2.3
MAR26	15 27 40 Philippines 16.24 N 122.20 E, 30km, m 5.0 ISC
PRU	eP 15 40 42, e 41 22, eS 51 10, Lm 16 14 (LH: 19s 0.7u), M 5.1,

KHC	D 88.6 eP 15 40 49, D 89.5
MAR26	17 13 37 Dodecanese Isl. 35.09 N 27.7 E, 37km ISC
KHC	eiP 17 17 37.8, D 17.5
MAR26	17 30 11 S. of Kermadec Isl. 33.00 S 178.96 W, 36km, m 4.8 ISC
KHC	ePKIKP 17 50 06.5, D 161.4
MAR27	04 46 25 N. of Halmahera 3.89 N 128.55 E, 21km, m 5.6 ISC
PRU	eP 05 00 20, eiPP 04 34, eS 11 30, eL 36, Lm 40.6 (LH: 24s 4.lu), M 5.8, D 102.2
KHC	eP 05 00 20, eiPP 04 37.2, ei 11 41.5, D 103.1
PRA	Lm 05 43, D 102.2
MAR27	06 15 30 Egypt 27.94 N 33.75 E, 29km, m 4.7 ISC
KHC	eiP 06 21 08.3 (2.0s 4lmu), ei 23 39.5, m 5.0, D 26.6
PRU	eP 06 21 10, D 26.9
MAR27	07 43 06 Dodecanese Isl. 35.26 N 28.88 E, 15km ISC
KHC	eiP 07 47 09, D 17.9
MAR27	11 19 31.7 Tadzhikistan 39.02 N 71.81 E, 55km, m 4.9 ISC
PRU	eP 11 27 13.5, e 27 33, D 41.3
KHC	iPC. 11 27 20.2 (0.9s 13.5mu), m 4.8, D 42.1
MAR27	12 41 36.3 Talaud Isl. 4.72 N 127.65 E, 32km, m 4.8 ISC
PRU	eiPC. 12 55 23.3 (1.6s 50mu), eisP 55 39, eiPP 59 34, ePPP 13 02 00, eiS 06 52, ePS 08 52, eiSS 14 20, eSSS 17 44, eQ 28 (LH: 37s 46u), Rm 37 (LH: 25s 40u), m 5.8, M 6.8, D 101.0
PRA	eP 12 55 27, ePP 59 38, eSKS 13 07 00, ePS 08 57, ePPS 09 43, Lm 43 (LH: 21s 27u, LV: 19s 10.5u), M 6.8, D 101.0
KHC	eiPC. 12 55 27.4 (1.4s 28mu), eisP 55 43, eiPP 59 43.8, m 5.7, D 101.9
MAR27	19 37 43 Tadzhikistan 39.17 N 71.84 E, 19km, m 5.0 ISC
PRU	eP 19 45 29, D 41.3
KHC	eiP 19 45 35 (0.7s 11mu), m 4.7, D 42.0
MAR27	22 32 03 E. Mediterranean Sea 34.0 N 28.2 E, 0km ISC
KHC	eiP 22 36 22.2 (1.0s 9mu), m 3.9, D 18.7
PRU	eP 22 36 29, D 18.9

MAR28	01 19 41 Loyalty Isl. 21.74 S 169.9 E, 11km ISC
PRU	eiPKP 01 39 20.5, D 145.7
KHC	eiPKPC. 01 39 23.8, D 146.8
MAR28	01 48 29.5 Turkey 38.55 N 28.46 E, 4km, m 5.9 ISC
KHC	iPD. 01 52 04.0, i 54 43.2, D 15.1
PRU	ePD.S.E. 01 52 05 (PH: 6s 9.9u, PV: 6s 5.7u), i 52 07.5, i 53 14, ei 54 30, ei 54 54, eL 55 10, Qm 57 (LH: 18s 330u), Rm 59 (LH: 9s 120u, LV: 9s 43u), M 6.4, D 15.2
PRA	ePD.S.E. 01 52 07 (PV: 6s 14.5u), eS 55 04, Lm 57.6 (LH: 17s 340u, LV: 14s 62u), M 6.5, D 15.3
MAR28	03 07 10.8 Japan 33.34 N 140.37 E, 89km, m 4.7 ISC
PRU	eiP 03 19 33.5 (1.2s 15mu), eipP 19 55, m 4.8, D 84.2
KHC	eiPD. 03 19 38.2 (0.8s 11mu), eipP 19 58.8, m 4.8, D 85.2
MAR28	05 40 14 Turkey 38.09 N 29.02 E, 29km ISC
KHC	eiP 05 43 56.3, D 15.7
MAR28	07 25 03 Loyalty Isl. 22.8 S 171.6 E, 0km ISC
PRU	eiPKIKP 07 44 47, e 45 12, D 147.4
KHC	eiPKIKP 07 44 49.5, D 148.5
MAR28	Near shock
PRU	eiPg 09 30 33.8, eiSg 30 37.3, (D 0.25)
KHC	ePg 09 30 48, eiSg 31 02.8, (D 1.1)
MAR28	10 02 17.4 Turkey 39.13 N 28.45 E, 37km, m 4.9 ISC
KHC	eiP 10 05 41, ei 06 19.5, D 14.6
PRU	eP 10 05 42, ei 06 04, eS 08 30, e 09 22, eL 10.5, Lm 12 (LE: 10s 2.2u), (M 4.5), D 14.7
PRA	eP 10 05 47, Lm 11, D 14.8
MAR28	Near shock
PRU	iPg 12 29 47.0, iSg 30 07, (D 1.4)
KHC	e 12 29 55, eiSg 30 24
MAR28	Near shock
KHC	eiPg 15 24 03, eiSg 24 19.5, (D 1.1)
MAR28	15 19 38.9 Gulf of California 31.31 N 114.46 W, 16km, m 4.9 ISC
PRU	e 15 32 31, eL 16 02, Lm 10 (LH: 17s 2u), M 5.6, D 87.3

PRA	Lm 16 14, D 87.2
MAR28	Unidentified shock
PRU KHC	e 22 18 16 e 22 18 18
MAR29	01 43 38.7 S. Italy 40.04 N 15.10 E, 310km, m 4.6 ISC
KHC PRU	eiP 01 45 47, ei 46 01.2, D 9.2 eP 01 45 58, ei 46 09.5, D 10.0
MAR29	02 06 29.5 Loyalty Isl. 22.09 S 169.95 E, 0km ISC
PRU KHC	eiPKP 02 26 04.2, D 146.1 eiPKP 02 26 08.2, D 147.2
MAR29	08 29 Explosion of 20 Tons: Czechoslovakia 50.08 N 16.35 E PRU
PRU KHC	iPg 08 29 34.6, iSg 29 50.1, D 1.2 eiPg 08 29 50, eiSg 30 16.8, D 2.0
MAR29	09 15 54 Ethiopia 11.91 N 41.21 E, 35km, m 5.9 ISC
KHC PRU PRA	eiPD. 09 23 55.5 (1.8s 288mu), eiPP 25 44.6, m 5.7, D 43.6 eiPD.S. 09 23 57.5 (2.6s 893mu, PH: 5s 1.4u, PV: 6s 1.7u), ei 24 55.5, eiPP 25 44, iS 30 31 (SH: 14s 8.4u), e 32 02, eiSS 33 30, Lm 49.7 (LH: 14s 19u, LV: 14s 7u), m 6.0, M 6.1, MPV 6.0, MPH 6.1, MSH 6.3, D 43.9 eP 09 24 00 (PH: 4s 1.7u, PV: 3s 3.6u), ePP 25 44, eS 30 34 (SH: 6s 5.4u), ePS 30 42, Lm 50 (LH: 12.5s 13.5u, LV: 11s 8.5u), M 6.2, MPH 6.7, MPV 6.8, MSH 6.7, D 44.0
MAR29	11 04 52 Ethiopia 11.92 N 41.36 E, 35km, m 5.5 ISC
PRU KHC	eiP 11 12 55 (1.8s 150mu), eiPcP 14 48, eiS 19 28, e 25 20, Lm 38.7 (LH: 14s 8.0u, LV: 14s 2.5u), m 5.4, M 5.8, D 43.9 eiP 11 12 55.1 (1.5s 123mu), eiPP 14 39.5, m 5.4, D 43.7
MAR29	11 07 45 Ethiopia 12.01 N 41.1 E, 164km, m 4.9 ISC
PRU KHC	eiP 11 15 35, eiPcP 17 26, eiS 22 08, Lm 41.5 (LH: 12s 5.1u), M 6.1, D 43.7 eiP 11 15 36.6 (2.0s 233mu), eiPP 17 22.8, m 5.5, D 43.5
MAR29	12 34 03.9 Tonga 20.7 S 174.08 W, 35km, m 4.5 ISC
PRU KHC	ePKHKP 12 53 52.5, D 150.0 eiPKHKP 12 53 55, D 151.0
MAR29	13 08 17 Ethiopia 11.94 N 41.31 E, 43km, m 5.1 ISC

KHC PRU PRA	iPD. 13 16 18.9 (1.7s 81mu), m 5.2, D 43.6 eiPD. 13 16 21 (1.7s 76.4mu), ePcP 18 10, m 5.2, D 43.9 eP 13 16 24, D 44.0
MAR29	13 49 04 Carlsberg Ridge 10.38 N 56.83 E, 91km, m 5.6 ISC
KHC PRU PRA	iPC. 13 58 09.5 (1.7s 101mu), iPcP 59 21.2, eiPP 14 00 10, m 5.6, D 52.7 iPC. 13 58 09.7 (1.2s 54mu, PV: 4s 0.8u), iPcP 59 16, eS 14 05 38, Lm 25 (LH: 17s 1.8u), m 5.5, M 5.4, MPV 6.0, D 52.7 eP 13 58 11, epP 58 30, ePcP 59 23, ePP 14 00 17, eScS 07 48, D 52.8
MAR29	18 30 49 Ethiopia 11.87 N 41.4 E, 95km ISC
KHC	eiP 18 38 44, D 43.7
MAR29	Unidentified shock
KHC PRU	eiP 21 41 11.2 eP 21 41 12
MAR30	02 29 57.4 Mid-Atlantic Ridge 0.6 N 26.04 W, 33km, m 4.6 ISC
KHC	eiP 02 39 55, D 59.1
MAR30	02 53 42.0 Mid-Atlantic Ridge 8.11 N 38.88 W, 33km, m 4.6 ISC
KHC PRU	eiP 03 03 48 (1.2s 13mu), m 4.8, D 59.9 eiP 03 03 54.5, D 60.8
MAR30	07 55 12.3 N. of Halmahera 4.42 N 128.06 E, 76km, m 5.2 ISC
PRU KHC	eP 08 08 58, eisP 09 11, ePP 13 17, eL 45, Lm 09 02 (LH: 17s 1u), M 5.6, D 101.4 eiP 08 09 01, eisP 09 36, eiPP 13 18.4, D 102.3
MAR30	Unidentified shock
KHC PRU	eP 09 59 58 eP 10 00 01, ei 00 05
MAR30	Near shock
PRU KHC	eiPg 16 44 54, ei 44 56, eiSg 44 58.5, (D 0.35) ePg 16 45 05, eiSg 45 24.8, (D 1.5)
MAR31	03 23 59 Ionian Sea 37.9 N 16.0 E, 0km ISC
KHC	eP 03 26 47.5, D 11.4

MAR31	05 21 15 Morocco 34.5 N 5.6 W, 0km ISC
KHC	eP 05 25 49, D 20.4
MAR31	07 15 54.4 Egypt 27.61 N 33.91 E, 33km, m 6.1 ISC
KHC	iPC. 07 21 30.5 (1.8s 605mu), m 6.0, D 26.6
PRU	eiPC.S.E. 07 21 34 (0.9s 221mu, PH: 10s 35u, PV: 10s 24u), i 22 09, eiPP 22 24, i(S) 26 14.0 (SH: 12s 255u, SV: 12s 26u), Lm 36 (LH: 19s 69u), m 5.9, M 6.2, MPH 7.2, MPV 6.9, MSH 7.6, D 26.8
PRA	iPD.S.E. 07 21 36.0 (PH: 8.5s 33u, PV: 8s 58u), e 24 40, e(S) 26 20 (SH: 11s 190u), MPV 7.4, MPH 7.3, MSH 7.5, D 26.9
MAR31	08 50 Explosion: Czechoslovakia 49.08 N 15.45 E PRU
PRU	eiPg 08 50 17.5, eiSg 50 32.5, D 1.1
KHC	iPg 08 50 21, eiSg 50 39, D 1.2
MAR31	09 01 10 Red Sea 27.5 N 34.14 E, 57km, m 4.8 ISC
KHC	eiP 09 06 45.5, eiPP 07 25, ei 10 35, D 26.8
PRU	eP 09 06 47.5, D 27.0
MAR31	11 30 05 Red Sea 27.77 N 34.06 E, 56km, m 4.6 ISC
KHC	eiP 11 35 39.2, D 26.5
PRU	eP 11 35 41, D 26.7
MAR31	Near shock
PRU	ePg 16 51 06, eiSg 51 38, (D 2.5)
KHC	e 16 51 11.5, eiSg 51.44
MAR31	19 25 27 Sea of Japan 38.49 N 134.52 E, 397km, m 5.7 ISC
PRU	iPD.S.E. 19 36 42.0 (1.0s 515mu, PH: 4s 1.8u, PV: 4s 2.0u), eipP 38 12, esP 38 52, epPP 41 00, ei 42 38, iS 45 56 (SH: 9s 17u), ei 46 19, eiSS 51 02, Lm 20 10.8 (LH: 17s 6.9u), m 6.2, MPH 6.1, MPV 6.2, MSH 6.5, D 77.3
PRA	iPD. 19 36 42.0 (PV: 6s 5.5u), epP 38 12, esP 38 57, ePP 39 43, e 40 56, eS 45 59 (SH: 8s 17u), epS 47 50, eSS 51 05, MPV 6.5, MSH 6.6, D 77.4
KHC	eiP 19 36 44.5 (PV1: 1.3s 14mu, PV2: 1.3s 771mu), iPcP 36 47.1, ipP 38 24.5, ei 41 15.1, eiS 46 10.3, m1 4.5, m2 6.3, D 78.3
MAR31	20 01 40 N. Atlantic Ocean 36.7 N 12 W, 33km ISC
KHC	eiP 20 06 31.2, D 22.3
PRU	eP 20 06 33, D 23.3
MAR31	21 44 32.5 Egypt 27.46 N 33.89 E, 40km, m 4.8 ISC

KHC	eiP 21 50 09.8 (1.8s 52mu), m 5.0, D 26.7
PRU	eP 21 50 12, e 50 31.5, D 26.9
MAR31	22 40 48.5 Egypt 27.49 N 33.73 E, 33km, m 4.7 ISC
KHC	eiP 22 46 26.2, D 26.6
PRU	eP 22 46 28, D 26.8

APRO1	04 10 45.5 Iceland 66.43 N 17.70 W, 33km, m 4.5 ISC
PRU	eiP 04 15 51.5, D 23.3
KHC	eiP 04 15 56.2 (1.2s 22mu), m 4.6, D 23.6
APRO1	04 43 20.3 Fiji 17.85 S 178.72 W, 573km, m 4.4 ISC
PRU	eiPKP 05 01 58.7, D 146.2
KHC	eiPKP 05 02 01.5, D 147.2
APRO1	Unidentified shock
KHC	eiP 14 13 26.7 (1.0s 17mu)
PRU	eP 14 13 29
APRO1	Near shock
KHC	ePg 14 16 40.5, eiSg 16 47, (D 0.50)
PRU	iPg 14 16 54, eiSg 17 08, (D 1.1)
APRO1	16 36 22 W. Pakistan 30.05 N 67.45 E, 6km, m 4.8 ISC
PRU	eP 16 44 31, D 44.1
KHC	eiP 16 44 36.7 (1.0s 11mu), m 4.5, D 44.6
APRO1	20 29 44 S.Sumatra 1.71 S 99.89 E, 50km, m 4.9 ISC
PRU	eP 20 42 32.6, D 88.3
KHC	eP 20 42 34, D 88.9
APRO1	21 19 53.6 Central America 12.68 N 88.28 W, 71km, m 5.0 ISC
KHC	e 21 32 54, D 88.1
APRO1	21 33 11 Alaska 55.7 N 160.8 W, 69km, m 4.5 ISC
KHC	eiP 21 44 49, D 75.4
APRO2	01 38 02.2 Sicily 38.98 N 15.24 E, 263km, m 4.7 ISC
KHC	eiP 01 40 23.7, ei 41 06, eiS 42 18.5
PRU	eiP 01 40 34.5 (PV1: 2s 41mu, PV2: 1.7s 88mu), ei 40 50,
PRA	e 42 06, m1 4.6, m2 5.0, D 11.0
	eP 01 40 36, e 42 38, D 11.1
APRO2	04 57 30 Greece 38.13 N 20.12 E, 20km, m 4.4 ISC
KHC	eiP 05 00 21, ei 00 41.3, ei 02 10, D 12.0
PRU	eiP 05 00 28, ei 00 40, e 03 13, Lm 06 (LH: 9s 0.9u), M 4.1,
PRA	D 12.5
	eL 05 05 04, D 12.5

APRO2	Near shock
KHC	ePg 13 19 41, eiSg 20 03, (D 1.6)
APRO2	Near shock
PRU	ePg 14 47 21, ei 47 41, ei 47 54
KHC	ePg 14 47 26.5, eiSg 47 56, (D 2.3)
APRO2	20 24 44 Fiji 15.86 S 176.54 W, 454km, m 4.6 ISC
PRU	iPKPD. 20 43 30.8, D 144.8
KHC	eiPKP 20 43 34.2, D 145.8
APRO3	03 47 18 Peru 11.4 S 76.6 W, 33km, m 4.8 ISC
KHC	eP 04 00 52, ei 01 36, eiPP 05 05.7, D 98.7
APRO3	Near shock
PRU	eiPg 12 44 19, eiSg 44 43, (D 1.8)
KHC	e 12 44 27.5, eiSg 44 47
APRO3	15 02 36 Banda Sea 6.56 S 130.36 E, 51km, m 5.3 ISC
KHC	ePKIKP 15 21 08.5, ei 21 50.5, D 112.3
APRO3	19 08 06.5 E.of Kamchatka 53.09 N 159.5 E, 33km ISC
KHC	eP 19 19 42 (0.8s 8mu), m 4.8, D 74.2
APRO3	20 06 15.6 Egypt 27.44 N 33.80 E, 33km, m 4.6 ISC
KHC	eiP 20 11 56 (1.8s 32mu), m 4.7, D 26.7
PRU	eP 20 11 56, D 26.9
APRO3	22 12 21.9 Albania 40.66 N 19.98 E, 21km, m 5.0 ISC
KHC	iPC. 22 14 40.5, i 15 30.2, eiS 16 40, ei 17 36.5, D 9.6
PRU	iPC. 22 14 47.5, ei 15 27, eS 16 40, eL 17 30, Lm 19 28 (LH:
PRA	13s 35u, LV: 13s 14u), M 5.5, D 10.1
	eP 22 14 50, eS 16 42, Lm 18.5 (LH: 9s 30u, LV: 8s 10.5u),
	M 5.4, D 10.2
APRO3	23 45 11.2 Albania 40.56 N 19.92 E, 44km, m 4.2 ISC
KHC	eP 23 47 29, eiS 49 19, D 9.7
PRU	eP 23 47 37.5, e 49 08, D 10.2
APRO4	00 26 23.8 Greece-Albania 40.59 N 20.2 E, 0km ISC

KHC	eP 00 28 49, D 9.8
APRO4	Unidentified shock
PRU KHC	eP 02 04 16 eP 02 04 18.5
APRO4	04 20 46.3 Albania 40.48 N 19.7 E, 33km, m 4.1 ISC
KHC PRU	eiP 04 23 02.5, ei 24 47, D 9.7 e 04 23 27, e 26 23, D 10.2
APRO4	Near shock
KHC	ePg 06 32 01, eiSg 32 16, (D 1.1)
APRO4	06 42 57 Egypt 27.7 N 32.9 E, 33km ISC
KHC	eP 06 48 35, D 26.1
APRO4	08 45 19.1 Aleutian Isl. 51.17 N 173.67 E, 35km, m 5.6 ISC
PRU PRA KHC	eiP 08 57 13.5 (1.8s 140mu), eisP 57 26.5, eL 09 20, Lm 35 (LH: 18s 1.3u), m 5.8, M 5.4, D 77.7 eP 08 57 14, epP 57 25, D 77.6 iPD. 08 57 19.5 (1.6s 195mu), m 5.9, D 78.6
APRO4	09 00 Rxplosion of 12 Tons: Czechoslovakia 50.39 N 13.22 E PRU
PRU KHC	eiPg 09 01 14.5, ei 01 28, D 0.94 eiPg 09 01 21.3, iSg 01 38.8, D 1.3
APRO4	12 18 48 Egypt 27.65 N 33.83 E, 29km, m 4.6 ISC
KHC PRU	eiP 12 24 25.9 (1.3s 21mu), ei 25 10.6, m 4.7, D 26.5 eiP 12 24 26.5 (1.0s 15mu), ei 25 32, m 4.7, D 26.8
APRO4	Near shock
PRU KHC	eiPg 12 48 10, eiSg 48 26, (D 1.2) ePg 12 48 12, eiSg 48 30, (D 1.3)
APRO4	13 56 00 Taiwan 22.65 N 120.01 E, 28km, m 5.1 ISC
PRU PRA KHC	eiP 14 08 21 (2.1s 63mu), eipP 08 33.5, ei 09 10, m 5.3, D 82.3 eP 14 08 23, D 82.4 eiP 14 08 25.7 (1.8s 25mu), m 5.1, D 83.3
APRO4	16 16 19.6 Gulf of California 24.44 N 109.80 W, 48km, m 5.5 ISC
PRU	eiP 16 29 19, e 41 30, eL 57, Lm 17 11 (LH: 18s 3.3u), M 5.9,

KHC PRA	D 91.0 eP 16 29 22, D 91.1 Lm 17 09, D 91.0
APRO4	22 57 13 Komandorsky Isl. 54.46 N 169.46 E, lkm, m 5.5 ISC
PRU KHC	iPC. 23 08 50.5 (1.0s 38mu), ei 08 58.5, m 5.4, D 73.8 eiPC. 23 08 56.4 (1.2s 74mu), ei 09 10.3, m 5.6, D 74.8
APRO5	02 18 30 Ethiopia 12.00 N 41.35 E, 19km, m 5.8 ISC
KHC PRU PRA	eiP 02 26 33 (2.0s 560mu), i 28 18.8, ei 29 12.3, ei 35 34, eiSS 36 06, m 5.9, D 43.6 eiP 02 26 34.2 (2.5s 867mu, PH: 5s 1.6u, PV: 5s 1.6u), ei 26 38, ePP 28 30, eiS 33 06 (SH: 14s 7.3u), eiSS 36 06, Lm 52.5 (LH: 14s 14u), m 6.0, M 6.0, MPH 6.2, MPV 6.0, MSH 6.2, D 43.8 eP 02 26 38, e 26 52, ePP 28 21, e 33 16, eSS 36 30, eSSS 37 30, Lm 52 (LH: 12s 9.2u, LV: 13s 9u), M 5.9, D 43,9
APRO5	06 53 41.0 W. of Macquarie Isl. 54.58 S 144.2 E, 33km, m 4.9 ISC
KHC PRU	eiPKIKP 07 13 26, ei 14 24m D 149.5 ePKHKP 07 13 31, ei 14 28, D 149.4
APRO5	17 51 11.8 Egypt 27.53 N 33.99 E, 33km, m 4.5 ISC
KHC PRU	eP 17 56 51, D 26.7 eP 17 56 52, D 26.9
APRO5	19 09 48.3 North Sea 57.13 N 7.04 E, 33km ISC
PRU KHC	eiP 19 11 51, ei 11 57.6, ei 13 15, eiS 13 32, D 8.4 eP 19 11 58, ei 15 07, D 8.9
APRO5	20 14 41 Ethiopia 12.02 N 41.28 E, 70km, m 4.8 ISC
KHC PRU	eiP 20 22 38.2 (1.7s 37mu), m 4.9, D 43.5 eiP 20 22 40 (1.4s 21mu), m 4.8, D 43.8
APRO5	23 26 11 Ecuador 1.34 N 85.13 W, 19km, m 5.7 ISC
PRU KHC PRA	eP 23 39 34, eiPP 43 30, eiSKS 50 14, ePS 51 16, e 52 09, eiSS 57 30, eSSS 00 01 10, eL 06, Lm 15 (LH: 23s 14u, LV: 24s 10u), M 6.4, D 95.2 eP 23 29 35 (2.0s 25mu), m 5.3, D 94.7 Lm 00 16 (LE: 23s 16u, LV: 23s 16u), (M 6.4), D 95.2
APRO6	Unidentified shock
PRU KHC	e 01 39 48 ei 01 39 50.2

APRO6	03 23 46.4 Alaska 63.62 N 150.8 W, 74km ISC
KHC	eP 03 34 32, D 66.9
APRO6	03 49 33.9 Aegean Sea 38.47 N 26.41 E, 16km, m 5.6 ISC
KHC	eiPD. 03 52 54.3, i 53 03.2, D 14.1
PRU	eiP 03 52 56.8, ei 53 05.7, eS 55 38, eL 56, Lm 59.5 (LH: 9s 19u, LV: 9s 10u), M 5.5, D 14.3
PRA	eP 03 52 59, e 53 07, eS 55 46, Lm 59.5 (LH: 10s 23u, LV: 11s 27.5u), M 5.6, D 14.4
APRO6	12 50 29 Aegean 38.33 N 26.5 E, 57km ISC
KHC	eiP 12 53 53.7, D 14.3
PRU	eiP 12 53 55.5, D 14.5
APRO6	16 51 47 Ethiopia 11.99 N 41.40 E, 41km, m 5.1 ISC
KHC	eiP 16 59 48.8 (1.5s 67mu), ei 17 01 20.2, m 5.1, D 43.6
PRU	eiP 16 59 51.5 (1.7s 88mu), ei 17 00 06, eS 06 22, e 09 48, eL 17, Lm 25.7 (LH: 14s 1.4u), m 5.2, M 5.0, D 43.9
PRA	eP 16 59 53, eS 17 06 30, D 44.0
APRO6	19 22 40 USSR-Mongolia 50.33 N 91.32 E, 34km, m 4.7 ISC
PRU	eP 19 31 10.5, eiPP 33 04, D 47.1
KHC	eP 19 31 18, D 48.1
APRO6	23 19 49.4 Fiji 20.85 S 178.52 W, 541km, m 4.7 ISC
KHC	eiPKIKP 23 38 34, eiPKHKP 38 40, D 150.2
PRU	iPKHKPD. 23 38 37.4, e 40 46, D 149.1
APRO7	03 39 48.3 Talaud Isl. 4.23 N 127.87 E, 79km, m 5.3 ISC
PRU	eP 03 53 33, ePP 57 45, D 101.5
KHC	ePP 03 57 45, D 102.4
APRO7	03 50 59 Kermadec Isl. 30.3 S 177.7 W, m 4.7 LAO
KHC	ePKP2 04 11 36, D 159.3
APRO7	05 10 40.4 Fiji 16.12 S 177.78 E, 62km, m 5.1 ISC
PRU	ePKP 05 30 09, D 143.6
KHC	ePKP 05 30 11, D 144.6
APRO7	06 23 55 Ethiopia 11.92 N 41.40 E, 58km ISC
KHC	eiP 06 31 57, D 43.7
PRU	eP 06 31 59, D 43.9

APRO7	08 18 30.5 Poland 50.29 N 19.23 E, m 2.9 WAR
PRU	ePg 08 19 27, eiSg 20 03, D 3.0
KHC	eSn 08 20 10, eiSg 20 33, D 3.9
APRO7	09 41 23 E. of Kamchatka 54.76 N 162.30 E, 54km, m 4.9 ISC
PRU	eP 09 52 43.5 (1.0s 9mu), m 4.7, D 72.2
KHC	eiP 09 52 50 (1.4s 20mu), m 4.9, D 73.2
APRO7	Near shock
KHC	ePg 13 36 44, eiSg 37 07, (D 1.7)
PRU	e 13 37 01, eiSg 37 30
APRO7	Near shock
PRU	eiPg 14 17 53, eiSg 18 10, (D 1.3)
APRO7	18 40 23.4 Japan 42.03 N 142.47 E, 76km, m 4.7 ISC
PRU	eiP 18 52 14 (0.6s 9mu), m 4.9, D 77.7
KHC	eiP 18 52 19.2 (0.8s 12mu), m 4.9, D 78.7
APRO7	20 26 30.5 Laptev Sea 76.55 N 130.86 E, 33km, m 5.4 ISC
PRU	eiP 20 35 03.5 (2.0s 125mu, PN: 5.5s 0.8u, PV: 6s 0.7u), eiPP 36 55, eiS 42 04 (SH: 10s 1.1u), eSS 45 08, e 47 11, eL 54, Lm 56.7 (LH: 16s 4u), m 5.7, M 5.5, (MPH 6.1), MPV 6.0, MSH 5.7, D 47.5
PRA	eP 20 35 04, ePP 36 55, eS 42 05, Lm 21 01 (LH: 11.5s 3.3u, LV: 11s 2.6u), M 5.5, D 47.5
KHC	eiPD. 20 35 11.6 (1.6s 75mu), ei 36 37.7, eiPP 37 08, m 5.5, D 48.5
APRO8	02 14 01 Ethiopia 11.88 N 41.42 E, 56km, m 4.8 ISC
KHC	eiP 02 22 01.8 (1.2s 24mu), m 4.9, D 43.7
PRU	eiP 02 22 04.2 (1.7s 44mu), m 5.0, D 44.0
PRA	eP 02 22 05, D 44.1
APRO8	02 44 04 Aleutian Isl. 51.40 N 179.08 W, 53km, m 4.8 ISC
KHC	eiP 02 56 05, D 79.3
APRO8	10 21 50.6 Molucca Passage 1.40 N 126.29 E, 51km, m 5.2 ISC
PRU	eP 10 35 49, D 102.7
APRO8	10 31 54 Egypt 27.48 N 33.76 E, 24km, m 5.0 ISC
KHC	eiPD. 10 37 31.6 (1.7s 45mu), ei 40 21.4, m 5.2, D 26.6

PRU	eiP 10 37 34 (1.0s 23mu), ei 37 52, ei 39 25, Lm 42.5 (LH: 12s 2u), m 4.9, M 4.9, D 26.9
APRO8	Near shock
PRU KHC	e 12 10 40, eiSg 10 51 ePg 12 10 55, eiSg 11 16, (D 1.6)
APRO8	Near shock
PRU KHC	eiPg 12 59 25, eiSg 59 50, (D 1.9) e 12 59 31, eiSg 13 00 05.5
APRO8	15 48 50.4 Albania 40.67 N 19.77 E, 17km, m 4.8 ISC
KHC PRU PRA	eiPC. 15 51 08.7, ei 53 25.5, ei 55 10.8, D 9.5 iPC. 15 51 16, ei 52 27, ei 53 45, ei 54 05.5, Lm 55.8 (LH: 10s 3u), M 4.5, D 10.0 eP 15 51 17, Lm 55.5, D 10.1
APRO8 KHC	19 37 21 Oregon 44.14 N 128.55 W, 18km, m 4.7 ISC eP 19 49 37, D 81.4
APRO9	11 43 48.5 S. of Africa 49.08 S 30.73 E, 23km, m 5.5 ISC
KHC PRU	eiPP 12 01 30.2, D 98.9 ePP 12 01 38, D 99.7
APRO9	Near shock
PRU KHC	eiPg 12 48 45.5, eSg 49 09.5, (D 1.8) ei 12 48 52, eiSg 49 14
APRO9	12 57 24.8 Japan 36.84 N 139.77 E, 117km, m 5.5 ISC
PRA PRU KHC	eP 13 09 27, epP 09 54, D 80.9 eiPD. 13 09 27.7 (1.0s 61mu), ipP 09 56, e 12 22, m 5.3, D 81.0 iPD. 13 09 33.2 (1.0s 61mu), eipP 10 01.2, ei 12 15.4, m 5.3, D 82.0
APRO9	Explosion of 4.4 Tons: Germany 51.37 N 12.89 E CLL
PRU KHC	eiPg 14 24 44, eiSg 25 05, D 1.5 ePg 14 24 53, eiSg 25 16, D 1.7
APRO9	15 02 17.8 Fiji 21.44 S 179.15 W, 628km, m 4.3 ISC
KHC PRU	eipKHKP 15 21 02.3, eipKP2 21 12.2, D 150.6 ePKP2 15 21 07, D 149.5
APRO9	16 27 49 Ionian Sea 38.16 N 19.99 E, 11km ISC

KHC PRU	eiP 16 30 41, D 11.9 eP 16 30 49, D 12.5
APR10	Near shock
PRU KHC	eiPg 08 48 43.7, iSg 49 03.2, (D 1.5) e 08 48 52, eiSg 49 17.3
APR10	08 58 Explosion of 8 Tons: Czechoslovakia 50.30 N 12.59 E PRU
PRU KHC	iPg 08 58 45.5, iSg 59 04, D 1.3 eiPg 08 58 46, eiSg 59 04, D 1.3
APR10	12 59 Explosion of 5 Tons: Czechoslovakia 48.89 N 14.23 E PRU
KHC PRU	iPg 12 59 45.1, eiSg 59 51, D 0.50 eiPg 12 59 49, ei 59 57, D 1.1
APR10	Near shock
KHC PRU	eiPg 13 28 56.5, eiSg 29 03, (D 0.50) ePg 13 29 07.5, eiSg 29 23.5, (D 1.2)
APR10	14 54 03.7 Russia-China 42.10 N 131.06 E, 547km, m 5.2 ISC
PRU KHC	eiPD. 15 07 38, eipP 06 34.7, D 72.8 iPD. 15 04 44.1 (1.0s 65mu), eipP 06 40.2, D 73.9
APR10	Near shock
PRU KHC	iPg 15 24 59 eiPg 15 25 17.2, iSg 25 32.4, (D 1.1)
APR10	16 52 06 N. Atlantic Ocean 35.88 N 10.3 W, 25km ISC
KHC	eP 16 56 58, D 21.9
APR10	21 57 38.0 N.E. of Taiwan 25.85 N 124.83 E, 120km, m 5.3 ISC
PRA PRU KHC	eP 22 09 48, D 82.6 eiPD. 22 09 49.5 (1.5s 48mu), epP 10 34, m 5.1, D 82.6 eiP 22 09 53.4 (1.8s 65mu), ei 10 45.2, m 5.2, D 83.6
APR11	Near shock
PRU	ePg 09 03 08.5, eiSg 03 25, (D 1.3)
APR11	Near shock
KHC	e(Pg) 12 01 31, eiSg 02 04.2, (D 2.6)

APR11	15 05 00.73 Explosion of 9.4 Tons: Germany 50.54 N 10.04 E HAN
KHC PRU	ePg 15 05 52, eiSg 06 27.2, D 2.7 ePg 15 05 57, e 06 08, eiSg 06 36.5, D 2.9
APR11	Unidentified shock
KHC PRU	ei 19 29 07, ei 29 49 e 19 29 15, e 30 07
APR11	Unidentified shock
KHC PRU	eiP 20 34 34.7 eP 20 34 35
APR12	Near shock
PRU KHC	eiPg 12 39 05.5, eiSg 39 28, (D 1.6) ePg 12 39 11, eiSg 39 33.8, (D 1.7)
APR12	20 38 41.8 Rumania 45.31 N 25.12 E, 23km, m 4.9 ISC
PRU PRA KHC	eiPn 20 40 45, ei 40 55, e 42 35, eL 42.8, Lm 44.30 (LH: 10s 7u), M 4.6, D 8.5 ePn 20 40 46, eSn 42 28, Lm 44, D 8.6 eiPn 20 40 48.4, eiSn 42 26, D 8.7
APR12	23 07 33.7 Turkey 40.29 N 42.92 E, 62km ISC
PRU KHC	eP 23 12 23, D 22.1 eP 23 12 28, D 22.5
APR13	05 45 43.4 Sicily 38.82 N 14.84 E, 275km, m 4.1 ISC
KHC PRU	eiP 05 48 07.2, D 10.3 eiP 05 48 19, D 11.6
APR13	07 14 20.5 Fiji 17.30 S 178.98 W, 543km, m 4.3 ISC
PRU KHC	eiPKIKP 07 32 59, D 145.6 eiPKIKP 07 33 02.1, D 146.7
APR13	07 33 44.2 Fiji 20.84 S 178.63 W, 514km, m 4.2 ISC
PRU KHC	eiPKHKP 07 52 34.5, D 149.1 eiPKHKP 07 52 36.5, D 150.1
APR13	13 12 37.0 Ryukyu Isl. 29.34 N 129.44 E, 38km, m 5.0 ISC
KHC	eiP 13 25 01.5, D 83.3

APR13	13 06 50 Tonga 17.40 S 173.2 W, 23km, m 4.6 ISC
PRU KHC	ePKIKP 13 26 33, D 146.9 eiPKIKP 13 26 35.2, D 147.9
APR13	15 24 54.7 India 17.81 N 80.67 E, 25km, m 5.3 ISC
PRU KHC PRA	eP 15 35 09 (PV2: 1.2s 36mu), eS 43 32, eSS 47 44, eL 54, Lm 16 01.4 (LH: 20s 9.2u), m2 5.4, M 6.0, D 61.2 eiP 15 35 12.3 (PV2: 1.3s 43mu), ei 35 16, ei 39 08.2, m2 5.5, D 61.8 eP 15 35 13, eS 43 35, Lm 16 02, D 61.3
APR13	16 15 15 Egypt 27.81 N 33.79 E, 36km, m 4.8 ISC
KHC PRU	eiP 16 20 50.8, ei 21 33.7, D 26.4 eP 16 20 52.5, e 21 32, D 26.6
APR13	23 33 17.2 Banda Sea 6.11 S 129.91 E, 170km, m 5.8 ISC
PRA PRU KHC	eP 23 47 30, ePKP 51 30, ePP 52 16, e 00 00 50, D 110.9 eP 23 47 34.5, e 51 12, eiPP 52 15, ei 00 00 44, ePS 01 38, e 02 32, e 08.5, eL 25, Lm 41 (LH: 21s 3.4u), M 5.8, D 110.8 e 23 51 02.5, ei 51 34.2, eiPP 52 22.8, D 111.7
APR14	05 11 45.5 Greece 38.90 N 21.79 E, 36km, m 4.5 ISC
KHC PRA PRU	eP 05 14 32, ei 16 21, ei 17 18.1, D 11.8 eP 05 14 37, Lm 20 (LH: 9s 3.0u, LV: 10s 3.8u), M 4.6, D 12.3 eiP 05 14 37.5, ei 14 49, e 16 24, Lm 19.8 (LH: 10s 3u), M 4.6, D 12.2
APR14	07 00 01.4 S. Sumatra 5.22 S 104.28 E, 99km, m 5.3 ISC
PRU	ePP 07 16 56, D 93.8
APR14	13 13 22.9 S. Persia 27.79 N 54.68 E, 50km, m 4.9 ISC
PRU KHC	eP 13 20 37, D 37.7 eiP 13 20 37.2 (0.6s 11mu), ei 21 14, m 4.9, D 38.0
APR14	13 42 45 Turkey 37.9 N 28.4 E, 0km ISC
KHC	eiP 13 46 26.5, D 15.5
APR14	13 43 55.6 Egypt 27.31 N 33.5 E, 16km, m 4.8 ISC
KHC PRU	eiP 13 49 36, D 26.7 eP 13 49 38, D 26.9
APR14	19 58 20.9 Kurile Isl. 46.67 N 152.71 E, 74km, m 4.4 ISC

PRU KHC	eP 20 10 08, D 77.1 eP 20 10 14, D 78.2
APR15 KHC	00 56 52.8 Tyrrhenian Sea 39.69 N 14.95 E, 319km, m 4.0 ISC eP 00 59 03, D 9.5
APR15 PRU	Near shock ePg 08 39 35, eiSg 39 52, (D 1.3)
APR15 KHC PRU	Near shock ePg 13 46 49.5, eiSg 47 08, (D 1.4) e 13 47 08, e 47 38
APR15 PRU PRA KHC	17 30 53 Japan 39.86 N 143.58 E, 5km, m 5.4 ISC iPC. 17 43 05 (1.6s 92mu), ei 43 48, ePP 46 02, eiS 53 08, eL 18 14, Lm 22 (LH: 16s 6.6u, LV: 16s 2.7u), m 5.5, M 6.1, D 80.5 eP 17 43 06, eS 53 05, Lm 18 24 (LH: 13.5s 4.2u, LV: 14s 6.3u), M 6.0, D 79.9 eip 17 43 10.5 (1.6s 102mu), eiPP 46 10.6, m 5.6, D 81.0
APR15 PRU KHC	20 06 23 Loyalty Isl. 22.5 S 169.6 E, 60km ISC ePKIKP 20 25 55, eiPKP2 26 10, D 146.3 ePKIKP 20 25 58, eiPKP2 26 05.7, D 147.4
APR15 PRU KHC	22 15 10.1 Jawa 6.00 S 113.14 E, 584km, m 5.5 ISC eip 22 27 55.5 (1.0s 15mu), e 31 08.5, eiPP 32 08, m 5.4, D 100.1 eip 22 27 57.8 (1.5s 18mu), ei 31 06, m 5.3, D 100.8
APR16 PRU KHC PRA	01 22 48.2 New Ireland 3.56S 150.90 E, 39km, m 5.6 ISC ePKIKP 01 41 38, eiPP 43 10, e 52 50, e 55 04, eSS 39 38, e 02 04 00, eL 20, Lm 34 (LH: 22s 11u), M 6.5, D 120.9 eipKIKP 01 41 39.8, ei 41 46, eiPP 43 13.8, ei 55 04.5, D 121.9 e 01 42 50, ePP 43 10, e 53 20, Lm 02 35 (LH: 21s 12.8u, LV: 18s 7.3u), M 6.5, D 120.9
APR16 KHC PRU	02 07 11.4 Dodecanese Isl. 35.13 N 27.79 E, 47km ISC eip 02 11 11.3 (1.2s 15.5mu), m 4.0, D 17.5 eP 02 11 19, D 17.7
APR16 KHC	04 54 12.8 Dodecanese Isl. 35.30 N 27.90 E, 55km, m 4.8 ISC eip 04 58 11.4 (1.2s 84mu), ei 59 30.1, eiS 05 01 33.8, m 4.7, D 17.4

PRU	eip 04 58 14.5 (1.0s 18mu), ei 59 14, eS 05 01 34, eL 02.8, Lm 06 (LH: 11s 5.4u, LV: 12s 1.8u), m 4.2, M 5.2, D 17.6
APR16 KHC	Unidentified shock 05 14 44.8
APR16 KHC PRU	08 12 56.0 Egypt 27.37 N 33.94 E, 33km, m 4.9 ISC eip 08 18 36.5, D 26.8 eP 08 18 39.5, e 20 02.5, D 27.0
APR16 PRU KHC	Near shock ipg 10 57 30, eiSg 57 48, (D 1.4) ei 10 57 43.2, eiSg 58 16.8
APR16 PRU KHC	Near shock ipg 11 59 16.5, iSg 59 34.5, (D 1.4) ePg 11 59 28.5, eiSg 59 58.2, (D 2.4)
APR16 KHC PRU	12 19 37.8 New Hebrides 13.57 S 166.91 E, 132km, m 5.6 ISC eipKHKP 12 38 39, iPKIKP 38 49.1, eiPP 41 35.2, D 138.3 eipKIKP 12 38 47, D 137.2
APR16 PRU KHC	Near shock ePg 14 19 14, e 19 41, eiSg 19 46.5, (D 2.5) e 14 19 25.5, eiSg 19 49.4
APR16 KHC PRU	Probably near shock e 21 24 26, ei 24 45.5, ei 25 19.5, ei 25 53 e 21 24 32, e 25 05.5, ei 25 58.5, eiSg 26 22
APR16 KHC PRU	Probably near shock ei 21 45 42, ei 47 21 e 21 46 07, e 47 16.5
APR16 PRU KHC	22 40 22 Kurile Isl. 44.6 N 149.4 E, 26km, m 4.1 ISC eip 22 52 20.5, D 78.0 eip 22 52 25.5 (1.0s 13mu), m 4.9, D 79.0
APR16 KHC PRU	22 55 40.5 Dodecanese Isl. 35.32 N 27.77 E, 52km, m 5.1 ISC iPD. 22 59 39.7 (1.2s 199mu), ei 23 01 03.8, m 5.0, D 17.4 eipD. 22 59 42.1 (1.1s 41mu), ei 23 01 27, eS 03 02, eL 04,

PRA	Lm 07.5 (LH: 16s 6.2u, LV: 16s 2u), m 4.5, M 5.1, D 17.6 eP 22 59 46, Lm 23 07.5 (LH: 11.5s 7u, LV: 10s 4.7u), M 5.1, D 17.7
APR16	23 21 06.2 Dodecanese Isl. 35.23 N 27.72 E, 58km, m 5.1 ISC
KHC PRU	eiP 23 25 04.5 (1.2s 156mu), ei 28 28, m 5.0, D 17.4 eiP 23 25 07 (1.0s 30mu, PH: 6s 1.8u, PV: 6s 1u), eS 28 21, eL 29.9, Lm 32.9 (LH: 12s 10.4u, LV: 12s 3.7u), m 4.4, M 5.3, MPH 5.5, MPV 5.1, D 17.6
APR16	Unidentified shock
KHC	e 23 39 41, ei 39 49.2
APR17	00 54 38.2 Dodecanese Isl. 35.19 N 27.83 E, 55km, m 4.8 ISC
KHC PRU PRA	eiPD. 00 58 37.8 (1.3s 110mu), m 4.8, D 17.4 eiP 00 58 40 (1.0s 18mu), e(S) 01 02 08, eL 03.4, Lm 06 (LH: 10s 2.5u), m 4.2, M 4.8, D 17.7 eP 00 58 44, Lm 01 06.5 (LH: 11s 3.0u, LV: 10s 0.9u), M 4.8, D 17.8
APR17	Unidentified shock
KHC	ei 02 20 02.2
APR17	04 56 13 Japan 39.66 N 143.56 E, 11km, m 5.1 ISC
PRU PRA KHC	eiP 05 08 24.2 (1.7s 50mu), ei 08 53, eS 18 30, eL 38, Lm 47 (LH: 16s 3.1u), m 5.2, M 5.8, D 80.1 eP 05 08 25, e(S) 18 42, Lm 47 (LH: 14s 2.5u), M 5.7, D 80.1 eiP 05 08 30.8 (1.5s 51mu), ei 08 58.6, eiPP 11 35.5, m 5.3, D 81.2
APR17	08 01 06 Egypt 27.55 N 33.87 E, 42km, m 4.7 ISC
KHC PRU	eP 08 06 42, D 26.6 eP 08 06 46, D 26.9
APR17	Probably near shock
KHC PRU	e 08 17 41, ei 18 22.8, ei 18 56.5 e 08 18 48, e 19 25, e 19 33
APR17	09 12 34 S. Italy 41.4 N 13.6 E, 40km, m 4.6 ISC
KHC PRU PRA	eiPn 09 14 20.4, ei 14 38, ei 15 32.2, ei 16 41.6, D 7.7 eiPn 09 14 33.6, eSn 16 16, e 17 26, Lm 18.5 (LN: 8s 0.5u), (M 3.7), D 8.6 eS 19 16 17, e 17 32, D 8.7

APR17	12 38 37.2 Dodecanese Isl. 35.13 N 27.96 E, 55km ISC
KHC PRU	eiP 12 42 38.5 (1.5s 18mu), m 4.0, D 17.6 eP 12 42 44, D 17.8
APR17	12 48 38 Komandorsky Isl. 55.27 N 167.00 E, 9km, m 4.9 ISC
PRU KHC	eP 13 00 06, D 72.6 eiP 13 00 13.6, D 73.6
APR17	13 01 Explosion of 6 Tons: Czechoslovakia 50.48 N 13.95 E PRU
PRU KHC	eiPg 13 01 36.5, ei 01 38.5, ei 01 44, D 0.62 ePg 13 01 50, eiSg 02 07.5, D 1.4
APR18	Near shock
PRU KHC	eiPg 00 00 53.5, eiSg 00 58, (D 0.35) eiPg 00 01 07, eiSg 01 25, (D 1.3)
APR18	Near shock
KHC	ePg 04 57 49, eiSg 58 13, (D 1.8)
APR18	06 02 03.6 Poland 50.33 N 19.27 E, m 3.0 WAR
PRU	ePg 06 02 59, eSg 03 39, D 3.1
APR18	08 02 Explosion of 10 Tons: Czechoslovakia 49.53 N 17.51 E PRU
PRU KHC	ePg 08 02 57, eiSg 03 23, D 2.0 ePg 08 03 10, ei 03 40, eiSg 03 47.5, D 2.6
APR18	07 59 16 Japan 39.78 N 143.65 E, 2km, m 4.4 ISC
PRU	eP 08 11 29, D 80.0
APR18	12 32 03.3 W. New Guinea 4.58 S 132.74 E, 34km, m 5.5 ISC
KHC	ePKIKP 12 50 49, ei 51 41, D 112.3
APR18	15 02 Explosion of 5 Tons: Czechoslovakia 49.81 N 12.78 E PRU
KHC PRU	eiPg 15 03 12.4, eiSg 03 24, D 0.86 iPg 15 03 18.5, iSg 03 34, D 1.2
APR18	Unidentified shock
KHC	ei 23 40 52.4

APR19	01 23 21.5 Japan 37.93 N 141.81 E, 59km, m 4.6 ISC
PRU	eP 01 35 32 (1.0s 13mu), m 4.8, D 80.9
KHC	eiP 01 35 36.8 (0.9s 8mu), m 4.7, D 82.0
APR19	06 08 02.6 Fiji 17.69 S 178.65 W, 604km, m 4.8 ISC
PRU	eiPKP 06 26 38, D 146.1
KHC	eiPKP 06 26 40.3, D 147.1
APR19	08 16 16 N. Atlantic Ridge 25.22 N 46.79 W, 116km, m 4.9 ISC
KHC	eiP 08 25 17.4, ei 26 27.5, D 52.2
PRU	eP 08 25 24, D 52.8
APR19	08 45 17 S. of Sumatra 6.15 S 103.96 E, 49km, m 5.4 ISC
PRU	eP 08 58 33, ei 58 47.8, eiPP 09 02 32.5, e 09 40, eSS 16.5, eL 33, Lm 43.6 (LH: 22s 1.3u), M 5.4, D 94.3
KHC	eiP 08 58 36.2, eiPP 09 02 35.3, D 94.9
PRA	e(P) 08 58 46, e(PP) 09 02 36, D 94.4
APR19	Near shock
PRU	eiPg 12 11 26, eiSg 11 44, (D 1.4)
APR19	Near shock
PRU	e 12 36 41, eiSg 37 04
KHC	ePg 12 36 45, eiSg 37 09.3, (D 1.8)
APR19	15 18 09.3 Japan 40.74 N 142.27 E, 62km, m 4.7 ISC
PRU	eiP 15 30 06.5 (1.0s 12mu), ei 30 27, m 4.8, D 78.7
KHC	eiP 15 30 12.2 (1.0s 13mu), ei 30 32, m 4.8, D 79.7
APR19	19 26 15.8 S. Alaska 60.36 N 145.98 W, 9km, m 5.1 ISC
PRA	eP 19 37 22, D 68.8
PRU	eiPC. 19 37 22.5 (1.0s 15mu), m 5.2, D 68.9
KHC	eiP 19 37 27 (1.2s 25mu), ei 37 58.7, m 5.3, D 69.6
APR19	Unidentified shock
KHC	e 22 48 46, ei 50 16
APR19	22 57 42.8 N. Atlantic Ocean 36.16 N 11.03 W, 25km ISC
KHC	eiP 23 02 39.5 (1.0s 13mu), ei 02 50.3, m 4.3, D 22.1
PRU	eP 23 02 49, D 23.1

APR20	16 12 02 N. Atlantic Ocean 35.7 N 10.8 W, 29km, m 4.5 ISC
KHC	eiP 16 16 56, ei 17 02.7, ei 17 10, D 22.3
PRU	eiP 16 17 19, D 23.3
APR21	02 19 06.8 Guatemala 14.15 N 91.03 W, 76km, m 5.3 ISC
KHC	eiP 02 31 52.5, ei 32 07, D 88.7
PRU	eP 02 31 54, e 33 07, eSKS 42 17, eSS 48 35, eL 57, Lm 03 05 (LH: 22s 3.4u), M 5.7, D 89.0
PRA	Lm 03 12, D 89.0
APR21	07 19 27.0 Japan 32.15 N 131.98 E, 39km, m 6.1 ISC
PRU	iPC.S.W. 07 31 40.6 (1.7s 368mu, PH: 11s 2.1u, PV: 11s 1.6u), eipP 31 51, ei 33 27.5, ePP 34 42, e 36 22, ei 38 06, eiS 41 50, eiPS 42 36, eiSS 47 24, eSSS 50.8, eL 59.5, Lm 08 12 (LH: 15s 165u, LV: 15s 87u), m 6.1, M 7.5, MPH 6.5, MPV 6.0, D 81.3
PRA	ePC. 07 31 41 (PV: 6s 4u), epP 31 53, ePP 34 47, eS 41 50 (SH: 10s 2.8u), ePS 42 37, ePPS 43 00, Lm 08 12 (LH: 15s 160u, LV: 15s 230u), M 7.5, MPV 6.8, MSH 6.4, D 81.3
KHC	iPC. 07 21 45.7 (1.8s 612mu), ei 32 21.5, m 6.4, D 82.3
APR21	Near shock
PRU	eiPg 14 05 46.4, eiSg 06 01.9, (D 1.2)
APR21	17 18 34.6 Iceland 62.07 N 26.53 W, 33km, m 4.5 ISC
KHC	eiP 17 24 02 (1.2s 19mu), ei 24 23.5, m 4.6, D 25.6
PRU	eP 17 24 02.5 (1.0s 16mu), m 4.6, D 25.5
APR21	17 36 12 E. Mediterranean Sea 34.8 N 27.6 E, 0km ISC
KHC	eiP 17 40 18.7, D 17.4
PRU	eP 17 40 29, D 17.9
APR21	17 59 00 Mid-Indian Rise 14.39 S 66.49 E, 57km, m 4.6 ISC
KHC	eiP 18 10 56, D 78.6
PRU	eiP 18 10 58, D 78.6
APR21	20 36 40 Aegean Sea 39.42 N 25.09 E, 1km, m 4.7 ISC
KHC	eiP 20 39 43, D 12.7
PRU	eP 20 39 53, e 40 24, eL 43.7, Lm 45 (LH: 10s 4.8u, LV: 9s 1.4u), M 4.8, D 12.9
PRA	Lm 20 45 (LH: 9.5s 4.9u, LV: 9s 3u), M 4.8, D 12.9
APR21	20 57 39 Dodecanese Isl. 36.22 N 28.27 E, 11km ISC
KHC	eiP 21 01 35.2, D 16.8
PRU	eP 21 01 39, e 01 54, D 17.0

APR21	22 28 00.1 Greenland Sea 74.23 N 9.3 E, 33km, m 4.9 ISC
PRU KHC	eiP 22 33 17.5 (1.7s 47mu), e 33 30, m 4.8, D 24.4 eiP 22 33 25 (1.5s 43mu), m 5.0, D 25.3
APR22	04 38 08 Easter Isl. 26.64 S 114.09 W, 68km, m 5.1 ISC
PRU	ePP 04 59 52, eL 05 40, Lm 45 (LH: 25s 1.6u), M 5.7, D 134.5
APR22	06 31 55 Easter Isl. 26.68 S 113.99 W, 9km, m 5.5 ISC
KHC PRU PRA	eiPKIKP 06 51 16.2, eiPP 53 38, D 134.0 ePKIKP 06 51 19, ePP 53 40, eSS 07 11 44, e 17 01, eL 28, Lm 41.5 (LH: 20s 4.7u, M 6.2, D 134.5 ePKIKP 06 51 20, e 51 30, ePP 53 52, ePKS 55 00, eSKS 58 20, eSKKS 07 00 56, ePS 04 00, Lm 41 (LE: 23s 6u, LV: 23s 6.3u), (M 6.2), D 134.4
APR22	07 37 51.9 Tonga 15.38 S 174.08 W, 172km, m 5.0 ISC
PRU PRA KHC	eiPKP 07 57 09.2, eipPKP 57 57.5, D 144.8 ePKP 07 57 10, D 144.7 eiPKP 07 57 11.8, eipPKP 57 55.9, D 145.8
APR22	08 11 20.3 Japan 39.87 N 143.14 E, 23km, m 5.4 ISC
PRA PRU KHC	eP 08 23 28 (PV: 2.5s 0.9u), epP 23 36, eS 33 30, Lm 09 02 (LH: 14.5s 5.4u, LV: 15s 4.6u), M 6.0, MPV 6.5, D 79.7 iPC 08 23 28.2 (1.5s 112mu), eipP 23 39, eiPP 26 28, eL 53, Lm 09 02 (LH: 15s 6.4u, LV: 15s 2.2u), m 5.6, M 6.1, D 79.8 iPC. 08 23 34.1 (1.6s 140mu), eipP 23 45.4, m 5.7, D 80.8
APR22	Near shock
PRU KHC	iPg 13 58 48.5, eiSg 59 06.5, (D 1.4) ePg 13 58 59, eiSg 59 26, (D 2.1)
APR22	22 34 40 Arabian Sea 12.80 N 58.25 E, 51km, m 5.6 ISC
PRU KHC PRA	eiPD. 22 43 41.2 (1.6s 113mu), ei 43 51, eiPP 45 41, eS 51 01, eL 23 05, Lm 08 (LH: 18s 2.2u), m 5.6, M 5.2, D 51.4 iPD. 22 43 41.4 (1.5s 141mu), ei 44 22.2, eiPP 45 44, m 5.8, D 51.6 eP 22 43 46, ePcP 44 56, ePP 45 45, Lm 23 10, D 51.6
APR23	08 57 Explosion of 4.2 Tons: Czechoslovakia 49.31 N 16.44 E PRU
PRU KHC	iPg 09 57 55.5, eiSg 58 15, D 1.4 ePg 08 58 03.5, eiSg 58 29, D 1.9
APR23	13 37 20 Egypt 27.57 N 33.71 E, 18km, m 4.8 ISC
KHC	eP 13 42 59, D 26.5

PRU	eP 13 43 01, D 26.8
APR23	Near shock
PRU KHC	ePg 16 12 22.5, eiSg 12 45.5, (D 1.7) e 16 12 23, eiSg 12 44.1
APR23	20 52 39.1 Aleutian Isl. 52.19 N 167.11 W, 37km, m 4.7 ISC
KHC	eiP 21 04 44, D 78.4
APR24	02 18 43.8 Aleutian Isl. 52.77 N 172.51 W, 131km, m 5.2 ISC
PRU KHC	eP 02 30 26, e 31 27, D 77.5 eiP 02 30 31, D 78.4
APR24	02 49 37 Turkey 38.4 N 31.9 E, 26km ISC
PRU KHC	eP 02 53 35, D 17.0 eiP 02 53 38, D 17.0
APR24	07 26 16.6 Fiji 21.33 S 176.61 W, 217km, m 4.8 ISC
PRU KHC PRA	eiPKIKP 07 45 37.5, eiPKHKP 45 43.0, eipPKP 46 46, D 150.1 eiPKIKP 07 45 38.9, iPKHKP 45 45.0, iPKP2 45 53.3, D 151.1 ePKHKP 07 45 43, ePKP2 45 50, D 150.0
APR24	08 46 35 Kodiak Isl. 56.68 N 151.98 W, 20km, m 4.4 ISC
KHC	eiP 08 58 09.6, D 73.9
APR24	Near shock
PRU KHC	eiPg 11 44 02.5, eiSg 44 27, (D 1.8) ePg 11 44 15, e 44 44.5
APR24	Near shock
PRU KHC	iPg 13 53 18, eiSg 53 34, (D 1.2) e 13 53 20, eiSg 53 38
APR24	Near shock
KHC	ePg 14 48 09, eiSg 48 29, (D 1.5)
APR24	14 45 48.8 Dodecanese Isl. 36.35 N 28.73 E, 53km, m 4.7 ISC
KHC PRU PRA	eiP 14 49 44.2 (1.6s 45mu), ei 50 05.2, m 4.3, D 16.9 ePC. 14 49 46, ei 50 09.5, eS 53 01, Lm 55.5 (LH: 22s 1.7u), M 4.3, D 17.1 eP 14 49 50, e 53 26, e 54 44, Lm 56, D 17.2

APR24	Near shock
PRU KHC	ei 17 10 55 ePg 17 11 04, eiSg 11 20, (D 1.2)
APR25	01 32 24.5 S. of Fiji 22.30 S 179.48 W, 566km, m 4.5 ISC
PRU KHC	eipKHKPC. 01 51 12.5, eiPKP2 51 22, D 150.2 ePKHKP 01 51 15, eiPKP2 51 26, eipPKP 53 33.8, D 151.3
APR25	03 29 27.8 Japan 35.66 N 140.07E, 59km, m 4.6 ISC
KHC	eP 03 41 49, D 83.1
APR25	03 34 18 S. of Panama 7.40 N 82.09 W, 25km, m 5.4 ISC
KHC PRU PRA	eip 03 47 08.4, eisP 47 21.8, D 88.2 eP 03 47 10, eisP 47 24, ePP 50 45, e(S) 58 00, e 59 22, eL 04 11, Lm 22 (LH: 22s 1.9u), M 5.4, D 88.6 eP 03 47 18, eS 58 02, Lm 04 21 (LE: 22s 2.6u, LV: 22s 5.5u), (M 6.1), D 88.6
APR25	04 00 24 S. of Panama 7.4 N 82.1 W, 50km, m 4.3 ISC
KHC	eP 04 13 12, esP 13 52, D 88.2
APR25	04 53 01 N. Sumatra 5.03 N 97.83 E, 47km, m 4.8 ISC
KHC	eP 05 05 20, D 82.5
APR25	Near shock
KHC	ePg 05 11 49, eiSg 12 04.2, (D 1.1)
APR25	07 36 36.8 W. Pakistan 30.86 N 70.40 E, 28km, m 4.9 ISC
PRU KHC	eip 07 44 55 (1.5s 30mu), m 5.1, D 45.5 eip 07 44 59.5 (2.1s 58mu), m 5.2, D 46.1
APR25	Probably near shock
KHC PRU	e 07 52 56, ei(Sg) 53 38 e 07 53 24.5, ei 54 17, ei 54 33
APR25	09 13 39.6 Alaska 56.58 N 156.73 W, 55km, m 4.7 ISC
PRU KHC	eP 09 25 04, D 73.6 eip 09 25 13.5, ei 25 28.2, D 74.4
APR25	Near shock

KHC PRU	e 10 05 18, ei 05 20.5, eiSg 05 30.5 eipg 10 05 29, eiSg 05 47.5 (D 1.4)
APR25	10 27 58.4 Costa Rica 8.08 N 83.13 W, 77km, m 4.4 ISC
KHC	eip 10 40 44.5, D 88.3
APR25	21 35 22.7 Japan 39.81N 143.23 E, 36km, m 4.6 ISC
KHC	eip 21 47 35 (1.0s 11mu), eipP 47 46.2, m 4.8, D 80.9
APR26	05 58 48.8 Chile 30.66 S 71.53 W, 23km, m 5.5 ISC
PRU PRA	ePKIKP 06 17 21, ePP 18 01, ei 21 50, eiPS 27 30, ei 31 28, D 110.5 Lm 07 04 (LH: 19s 9.0u, LV: 19s 7.0u), M 6.3, D 110.5
APR26	06 02 49.6 Chile 30.50 S 71.38 W, 34km, m 5.8 ISC
KHC	eP 06 17 10, ei 18 03.5, D 109.3
APR26	08 25 12 Dodecanese Isl. 36.71 N 28.50 E, 13km ISC
KHC	eip 08 29 09, D 16.5
APR26	Near shock
PRU	ePg 11 03 11, eiSg 03 30, (D 1.5)
APR26	22 11 09 Aleutian Isl. 52.64 N 168.88 W, 29km, m 4.6 ISC
KHC	eP 22 22 53, eisP 23 10, D 78.6
APR26	23 24 21.1 Greece 39.25 N 21.62 E, 0km ISC
KHC	eP 23 27 10, D 11.4
APR27	10 58 26 Dodecanese Isl. 36.54 N 28.21 E, 33km, m 4.7 ISC
KHC PRU PRA	eip 11 02 17 (1.4s 85mu), m 4.7, D 16.5 eP 11 02 17 (1.0s 30mu), ei 02 22.0, e 04 32, Lm 09.8 (LH: 11s 1.7u, LV: 11s 1.1u), m 4.4, M 4.5, D 16.7 eP 11 02 23, Lm 10 (LH: 11.5s 1.4u, LV: 10s 1.9u), M 4.4, D 16.8
APR27	12 16 18 Austria 47.6 N 15.9 E VIE
KHC PRU	eipg 12 16 57, eiSg 17 25, D 2.2 ePg 12 17 05, eiSg 17 36, D 2.6
APR27	12 59 07 S. Sandwich Isl. 57.70 S 25.38 W, 39km, m 5.6 ISC

KHC PRU	e 13 28 35, D 111.2 e 13 28 38, Lm 14 01 (LH: 21s 0.9u), M 5.3, D 112.3
APR27	13 50 13 Loyalty Isl. 22.5 S 171.5 E, 84km ISC
PRU KHC	ePKIKP 14 09 47, D 147.2 ePKIKP 14 09 50, D 148.2
APR28	02 10 19 W. of Gibraltar 36.2 N 9.7 W, 0km ISC
KHC PRU	eiP 02 15 09.7, D 21.3 eP 02 15 19.5, D 22.3
APR28	05 59 39 N. Atlantic Ocean 35.83 N 10.7 W, 28km ISC
KHC	eP 06 04 34, D 22.2
APR28	07 25 27.1 S. of Fiji 22.41 S 177.50 W, 268km, m 5.7 ISC
PRU KHC PRA	eiPKIKP 07 44 41.5, eiPKHKP 44 47.5, ei 46 11, D 150.9 eiPKIKP 07 44 44.5, iPKHKP 44 51.3, eiPKP2 45 01, ei 47 39.8, D 151.9 ePKHKP 07 44 51, D 150.8
APR28	12 50 17.3 Burma-India 25.93 N 95.20 E, 68km, m 5.0 ISC
PRU PRA KHC	eiPD. 13 00 51 (1.0s 45mu), ei 01 09.5, m 5.4, D 64.8 eP 13 00 51, D 64.8 iPD. 13 00 55.8 (1.2s 34mu), ei 01 15, m 5.2, D 65.5
APR28	Near shock
PRU KHC	e 13 08 16, ei 08 28 eiPg 13 08 19.5, eiSg 08 35.2, (D 1.1)
APR28	17 58 54 Kermadec Isl. 30.18 S 177.8 W, 62km, m 4.7 ISC
KHC	eiPKP2 18 18 23.3, D 159.2
APR28	19 39 04.5 Solomon Isl. 7.90 S 158.84 E, 70km, m 5.5 ISC
PRU KHC	eiPKIKP 19 58 06, ei 58 24, eL 20 43, Lm 51.4 (LH: 24s 0.7u), M 5.4, D 128.6 eiPKIKP 19 58 07.2, ei 58 26, D 129.6
APR28	23 20 45.4 S. California 33.37 N 116.30 W, 15km, m 5.5 ISC
PRA PRU KHC	eP 23 33 30, Lm 00 10 (LH: 19.5s 4.5u, LV: 19s 2.1u), M 5.9, D 86.2 eiP 23 33 30, e 34 26, eL 58, Lm 00 09.5 (LH: 20s 4u), M 5.8, D 86.3 eP 23 33 30, ei 34 06, D 86.5

APR29	04 37 39 S. Persia 29.59 N 51.54 E, 21km, m 5.5 ISC
PRU KHC PRA	eiPC. 04 44 26.5 (1.3s 88mu), e 45 26, eL 56, Lm 05 02 (LH: 17s 2u), m 5.5, M 5.0, D 34.5 iPC. 04 44 29.3 (1.4s 446mu), ei 45 15.1, ei 47 18.8, m 6.2, D 34.8 Lm 05 03, D 34.5
APR29	Near shock
KHC	ePg 12 44 57, eiSg 45 14, (D 1.3)
APR29	Near shock
KHC	ePg 17 39 59, eiSg 40 16, (D 1.3)
APR29	19 54 46 Uganda 0.76 S 30.91 E, 27km, m 4.6 ISC
KHC	eiP 20 03 54.2, D 51.9
APR29	21 18 08 Kurile Isl. 46.32 N 153.11 E, 24km, m 5.1 ISC
PRU PRA KHC	eiPC. 21 30 03.2, ei 30 31.5, eL 59, Lm 22 08 (LH: 17s 1.7u), M 5.5, D 77.6 eP 21 30 04, Lm 22 08, D 77.5 eiP 21 30 08.5, D 78.6
APR30	Probably explosion
PRU KHC	iPgD. 13 21 55.1, iSg 21 56.6, (D 0.11) ePg 13 22 12.5, eiSg 22 27.5, (D 1.1)
APR30	13 59 Explosion of 6.3 Tons: Czechoslovakia 50.62 N 14.35 E PRU
PRU PRA KHC	eiPg 13 59 56, ei 59 59.5, ei 14 00 10, D 0.64 e 14 00 07, D 0.55 ePg 14 00 12.5, eiSg 00 34, D 1.57
APR30	17 00 00.0 Nuclear explosion "BLENDON AND THISTLE" 37.07 N 116.01 W, 0km USAEC, m 5.2 ISC
PRU KHC	eP 17 12 27, D 82.9 eiP 17 12 29 (1.2s 22mu), m 5.3, D 83.2
APR30	20 20 32 Turkey 39.12 N 28.52 E, 8km, m 5.0 ISC
PRU KHC PRA	eiP 20 24 00, ei 25 27, eS 26 42, eL 27.5, Lm 31 (LH: 11s 9u, LV: 11s 3u), M 5.2, D 14.7 eiP 20 24 01, ei 24 32.5, ei(S) 26 54.5, D 14.7 eP 20 24 04 (PV: 5s 0.9u), eS 26 53 (SH: 6s 8.5u), Lm 31.5 (LH: 9s 8.5u, LV: 9s 6.8u), M 5.3, D 14.8

MAY01	02 45 05.7 Easter Isl. 49.8 S 114.4 W, 33km, m 4.9 ISC
KHC PRU	eiPKP 03 04 44.2, D 146.8 ePKHKP 03 04 49, D 147.7
MAY01	03 12 00 Tonga 20.90 S 174.29 W, 44km, m 4.9 ISC
KHC PRA PRU	ePKIKP 03 31 44, eiPKHKP 31 50.1, D 151.1 ePKHKP 03 31 48, D 150.1 iPKHKPC. 03 31 48.7, ei 32 09, D 150.1
MAY01	05 05 59 Tonga 21.3 S 174.2 W, 55km, m 4.9 ISC
PRU KHC PRA	ePKHKPC. 05 25 45.6, e 26 10, D 150.6 eiPKHKP 05 25 45.6, eiPKP2 26 03, D 151.6 ePKP2 05 25 53, D 150.5
MAY01	11 21 07.6 Kamchatka 52.35 N 160.64 E, 33km, m 4.2 ISC
KHC	eP 11 32 48, D 75.1
MAY01	18 02 16.4 Dodecanese Isl. 35.41 N 27.68 E, 51km, m 5.1 ISC
KHC PRU PRA	iPD. 18 06 14.6 (1.1s 226mu), ei 06 49.7, ei 07 40.1, m 5.2, D 17.2 eiPD.S. 18 06 17.5 (1.0s 53mu), ei 06 27.5, ei 08 19, e(S) 09 42, eL 11.4, Lm 14 (LH: 9s 2.6u), m 4.6, M 4.8, D 17.4 eP 18 06 19, e(S) 09 45, Lm 14.3 (LH: 20s 10.6u, LV: 18s 6.4u), M 5.3, D 17.5
MAY01	19 05 24.5 Tonga 16.71 S 174.66 W, 200km, m 5.9 ISC
PRU PRA KHC	eiPKPD.N.E. 19 24 41, eipPKP 25 30, ePP 28 01, D 146.0 ePKPD. 14 24 42 (PKPV: 4s 7.3u), epPKP2 25 39, esPKP2 25 57, ePP 28 03, D 145.9 iPKP 19 24 42.4 (1.3s 907mu), ipPKP 25 37.9, eiPP 28 07.6, D 147.0
MAY01	20 06 45.4 Dodecanese Isl. 35.39 N 27.73 E, 67km, m 4.7 ISC
KHC PRU PRA	eiP 20 10 41.6 (1.3s 96mu), ei 10 49.8, m 4.9, D 17.2 eiP 20 10 44.2 (PV1: 1.0s 15mu, PV2: 1.4s 41mu), ei 10 49.5, eS 13 56, eL 15.3, Lm 18 (LH: 12s 6.6u), m1 4.2, m2 4.5, M 5.1, D 17.5 eP 20 10 52, eS 14 11, Lm 18.5 (LH: 22.5s 4.8u, LV: 26s 34u), M 5.7, D 17.6
MAY01	20 44 14 Dodecanese Isl. 35.05 N 27.8 E, 36km ISC
KHC PRU	eiP 20 48 13.7 (PV1: 1.1s 11mu, PV2: 1.0s 22mu), m1 4.9, m2 5.2, D 17.5 eP 20 48 23, D 17.8

MAY02	Near shock
PRU KHC	eiPg 08 14 34, eSg 14 58, (D 1.8) e 08 14 56, eiSg 15 16
MAY02	10 45 35.3 Fiji 17.8 S 178.72 W, 546km, m 3.9 ISC
KHC	ePKP 11 04 18.5, D 147.2
MAY02	Probably near shock
KHC PRU	e 17 09 15, ei 10 12.5, ei 10 57 e 17 09 31, e 10 03, ei 10 41, eiSg 10 48
MAY02	18 38 15.0 Crete 34.25 N 26.21 E, 38km, m 4.5 ISC
KHC PRU	e 18 42 18.5, ei 42 56, D 17.6 eP 18 42 25, D 17.9
MAY02	18 42 22.1 Tonga 19.22 S 174.30 W, 33km, m 4.6 ISC
KHC	ePKHKP 19 09 11, D 149.5
MAY02	20 40 10.5 Japan 40.95 N 143.16 E, 44km, m 4.8 ISC
PRU KHC	eP 20 52 11.5, D 77.8 eiP 20 52 16.2 (1.5s 27mu), m 5.0, D 79.9
MAY02	22 45 44.0 Japan 40.18 N 142.45 E, 57km, m 4.9 ISC
PRU KHC	eiPC. 22 57 45 (0.8s 15mu), ei 57 59, m 5.0, D 79.2 eiP 22 57 50.8 (0.7s 22mu), ei 58 04, m 5.2, D 80.3
MAY03	03 25 36.3 E. Mediterranean Sea 35.21 N 28.03 E, 81km, m 4.6 ISC
KHC PRU	eiPD. 03 29 33.4 (PV1: 1.4s 16mu, PV2: 1.4s 25mu), m1 4.1, m2 4.3, D 17.5 eP 03 29 36, D 17.8
MAY03	Near shock
PRU	e 11 39 49.5, eiPg 39 53.0, eiSg 40 20, (D 2.0)
MAY03	12 53 25.0 S. of Fiji 23.54 S 179.88 W, 534km, m 4.7 ISC
KHC PRU	ePKIKP 13 12 13, eipPKP2 14 29.6, D 152.3 eiPKHKPC. 13 12 18.4, eipPKP2 14 27, D 151.3
MAY03	Near shock

PRU	eiPg 17 16 35, eiSg 17 02, (D 2.1)
MAY03	20 31 14.4 Dodecanese Isl. 35.17 N 27.76 E, 53km, m 4.7 ISC
KHC PRU	eiP 20 35 14.3, D 17.4 eP 20 35 19, D 17.7
MAY04	Unidentified shock
KHC	ei 01 59 10.5
MAY04	03 28 37.2 S. of Tonga 26.99 S 175.42 W, 48km, m 5.0 ISC
KHC	eiPKP2 03 48 59, D 156.8
MAY04	07 08 00.1 Fiji 17.69 S 178.70 W, 561km, m 5.0 ISC
PRU KHC PRA	ePKP 07 26 37, epPKP 28 50, D 146.1 eiPKP 07 26 37.5, D 147.1 ePKHKP 07 26 39, D 146.0
MAY04	12 36 35.1 New Hebrides 17.42 S 168.79 E, 11km, m 5.4 ISC
PRU KHC PRA	ePKP 12 46 06, e 57 36, eiPP 59 15.5, eL 13 44, Lm 14 02 (LH: 19s 1.5u), M 5.8, D 141.5 eiPKP 12 56 07.2, D 142.5 ePKP 12 56 08, ePP 59 13, D 141.5
MAY04	13 48 33.9 China 41.53 N 86.86 E, 32km, m 4.6 ISC
PRU KHC	e(P) 13 57 34, D 49.3 e(P) 13 57 42, D 50.2
MAY05	01 31 42 W. of Macquarie Isl. 58.04 S 148.6 E, 141km ISC
KHC	ePKHKP 01 51 23, D 152.3
MAY05	02 08 58 W. of Macquarie Isl. 57.8 S 148.4 E, 33km ISC
PRU KHC	ePKHKP 02 28 50, D 152.2 eiPKHKP 02 28 52, D 152.2
MAY05	02 45 40 Ethiopia 12.07 N 41.34 E, 38km, m 4.9 ISC
KHC PRA PRU	eiP 02 53 41.7 (1.2s 25mu), ei 55 31.3, m 4.8, D 43.5 eP 02 53 43, D 43.9 eiP 02 53 43.5 (1.5s 26mu), e 55 31, eS 03 00 17, e 03 45, eL 11 Lm 18.7 (LH: 12s 0.7u), m 4.7, M 4.9, D 43.8
MAY05	05 17 16 W. of Macquarie Isl. 58.08 S 148.6 E, 26km ISC

KHC PRU	ePKP2 05 37 14, D 152.3 ePKP2 05 37 15, D 152.3
MAY05	05 34 24.4 N. Atlantic Ocean 35.99 N 10.34 W, 37km, m 5.5 ISC
KHC PRU	iPC. 05 39 16.0 (1.2s 863mu), i 39 54.7, m 6.1, D 21.9 iPC.N.E. 05 39 25.6 (1.2s 336mu, PH: 3s 1.7u, PV: 3s 1.2u), eipP 39 42, e 40 13, eiS 43 30, eL 45.5, Lm 48.7 (LH: 18s 4u), m 5.7, M 5.0, MPH 6.2, MPV 5.9, D 22.8
PRA	ePC. 05 39 26 (PH: 2.8s 1.7u, PV: 2.8s 2.4u), e 39 43, eS 43 38 (SH: 5s 1.7u), MPV 6.3, MPH 6.2, MSH 5.7, D 22.8
MAY05	Near shock
PRU	eiPg 12 22 08, eiSg 22 37.5 (D 2.3)
MAY05	Near shock
PRU KHC	iPg 12 47 04.5, iSg 47 20.5, (D 1.2) e 12 47 09, eiSg 47 22
MAY05	13 59 39.3 Chile 30.70 S 71.73 W, 33km, m 5.3 ISC
KHC PRU	ePKIKP 14 11 11, ei 11 36, ei 13 15, D 109.7 e 14 11 43.5, D 110.6
MAY05	14 19 15 Mediterranean Sea 34.7 N 22.9 E, 58km ISC
KHC PRU	eiP 14 22 59.8 (1.1s 19mu), m 4.1, D 16.0 eiP 14 23 05.3 (1.1s 15mu), e 29 50, eL 48, Lm 15 00 (LH: 18s 1.6u), m 4.0, M 4.3, D 16.4
MAY05	14 15 17.0 S. of Australia 44.29 S 141.45 E, 24km, m 5.2 ISC
PRU KHC	ePKP 14 34 48, D 144.1 eiPKP 14 34 49, D 144.5
MAY05	Near shock
PRU	eiPg 16 43 15.4, eiSg 43 39, (D 1.8)
MAY05	Unidentified shock
PRU KHC	eP 17 59 05 eiP 17 59 07.8, ei 59 17
MAY05	21 47 32.2 Iceland 66.91 N 18.17 W, 33km, m 5.2 ISC
PRU PRA	eiP 21 52 41.7 (2.5s 118mu), ei 53 17, ei(S) 57 00 (SH: 10s 2.3u), L 59.5, Lm 22 02 (LH: 17s 6u), m 5.0, M 5.1, MSH 5.6, D 23.6 eP 21 52 42 (PV: 4s 0.8u), eS 56 58 (SH: 10s 2.2u), eSS 57 50,

KHC	Lm 22 02 (LH: 17.5s 6.4u), M 5.2, MPV 5.6, MSH 5.6, D 24.5 eiP 21 52 45.7 (0.9s 26mu), ei 53 05.5, m 5.0, D 24.1
MAY06	Near shock
PRU	eiPg 09 27 28.5, eSg 27 44.5, (D 1.2)
MAY06	Near shock
PRU	eiPg 12 43 44, eSg 44 01, (D 1.3)
MAY06	Near shock
PRU	eiPg 17 49 12.5, eiSg 49 29, (D 1.2)
MAY06	22 19 20.1 Dodecanese Isl. 35.19 N 27.81 E, 48km ISC
KHC	eiP 22 23 20.2, D 17.4
PRU	eP 22 23 29, D 17.7
MAY07	08 07 Explosion of 3.7 Tons: Czechoslovakia 49.72 N 13.47 E PRU
KHC	e 08 07 54, eiSg 08 01, D 0.59
PRU	eiPg 08 08 57, eSg 08 07, D 0.74
MAY07	08 52 51.3 Philippines 12.01 N 124.64 E, 140km, m 5.2 ISC
PRU	eiP 09 05 53 (1.7s 36mu), ePP 09 35, m 5.3, D 93.4
KHC	eiP 09 05 56.3 (2.4s 92mu), eipP 06 30.8, eiPP 09 42.6, m 5.6, D 94.3
MAY07	09 21 17.5 Kermadec Isl. 31.12 S 179.11 W, 146km, m 4.8 ISC
PRU	ePKP2 09 41 32, D 158.6
PRA	ePKP2 09 41 34, D 158.5
KHC	ePKP2 09 41 38.4, D 159.6
MAY07	Near shock
PRU	ePg 12 51 51.5, eiSg 52 16.5, (D 1.3)
MAY07	13 45 00.0 S. Nevada: Nuclear explosion "PURSE" 36.28 N 116.50W USAEC, m 5.5 ISC
PRA	eP 13 57 27, D 82.9
PRU	eiPC. 13 57 27 (1.5s 53mu), e 57 45, m 5.5, D 83.0
KHC	eiP 13 58 28.4 (1.3s 63mu), m 5.7, D 83.3
MAY07	15 40 57.4 Kurile Isl. 44.27 N 149.65 E, 34km ISC
PRU	eP 15 52 56.5, D 78.3

KHC	eiP 15 53 01.6, D 79.4
MAY07	22 17 35.1 New Britain 5.22 S 152.84 E, 51km, m 5.0 ISC
PRU	ePKIKP 22 36 29, e 37 43, eiPP 38 21, D 123.3
KHC	eiPKIKP 22 36 31, eiPP 38 19.8, ei 38 49.5, D 124.3
MAY08	Near shock
PRU	ePg 11 51 28, eiSg 51 43, (D 1.2)
MAY08	Near shock
PRU	iPg 16 42 04.5, eiSg 42 27.5, (D 1.7)
MAY08	20 52 04.1 Kurile Isl. 44.09 N 149.01 E, 38km ISC
KHC	eP 21 04 08, D 79.3
MAY09	07 09 49.1 Greece 38.49 N 20.60 E, 50km, m 4.5 ISC
KHC	eiP 07 12 33, D 11.8
MAY09	Near shock
PRU	eiPg 13 01 57.4, eiSg 02 22.5, (D 1.9)
MAY09	16 59 33.6 Kurile Isl. 47.70 N 155.5 E, 30km, m 4.7 ISC
PRU	eP 17 11 26, D 77.0
KHC	eP 17 11 31.5, D 78.1
MAY09	Near shock
PRU	eiPg 17 27 34.5, eSg 27 58.5, (D 1.8)
MAY09	Near shock
PRU	eiPg 17 58 31, eiSg 58 55, (D 1.8)
MAY10	07 24 26 France 45.4 N 6.5 E BCIS
KHC	ePg 07 26 24, eiSn 27 04, eiSg 27 44.7, D 6.1
MAY10	09 27 57.6 Red Sea 27.50 N 34.11 E, 33km, m 4.7 ISC
KHC	eiP 09 33 37.5, D 26.8
PRU	eP 09 33 39 (0.8s 14mu), m 4.7, D 27.0

MAY10	Near shock
PRU KHC	eiPg 11 32 01, eiSg 32 17, (D 1.2) iPg 11 32 07, eiSg 32 27.2, (D 1.5)
MAY10	12 06 25.2 Kermadec Isl. 28.27 S 178.00 W, 181km, m 4.7 ISC
PRU KHC	eiPKP2C. 12 26 27, D 156.3 ePKP2C. 12 26 32, D 157.3
MAY10	Near shock
PRU	ePg 12 37 47, eSg 37 10.5, (D 1.8)
MAY10	12 57 48.3 Kodiak Isl. 56.37 N 153.57 W, 33km, m 4.9 ISC
PRU KHC	eP 13 09 19, e 09 41, D 73.6 eiP 13 09 24.6, eiPcP 09 42, D 74.3
MAY10	13 31 14.4 N. Atlantic Ocean 36.13 N 10.83 W, 25km, m 4.4 ISC
KHC PRU	iPC. 13 36 09.7 (1.1s 45mu), ei 36 20.2, m 4.8, D 22.1 eiPC. 13 36 19 (1.2s 23mu), e 36 30, m 4.6, D 23.0
MAY10	Explosion of 8 Tons: Germany 51.37 N 12.89 E CLL
PRU KHC	ePg 15 06 44.5, e 07 05, eiSg 07 09.5, D 1.7 ePg 15 06 53, eiSg 07 21, D 2.3
MAY10	20 05 30.8 Kermadec Isl. 27.72 S 167.89 W, 34km, m 4.6 ISC
KHC	ePKP2 20 25 55, D 157.2
MAY10	21 10 37.1 Albania 41.30 N 20.21 E, 35km ISC
KHC PRU PRA	eiP 21 12 49.6, ei 13 09.8, ei 15 13.2, D 9.1 eP 21 12 56, e 13 17, Lm 16 24 (LH: 8s 1.4u), M 4.1, D 9.6 Lm 21 16, D 9.6
MAY11	00 18 46 Arabian Sea 14.31 N 56.88 E, 65km, m 4.8 ISC
PRU PRA KHC	eiP 00 27 30, ei 27 37, D 49.5 eP 00 27 30, e 27 43, D 49.6 eiP 00 27 30.2, D 49.6
MAY11	00 42 28.5 Dodecanese Isl. 35.12 N 27.75 E, 48km ISC
KHC PRU	eiP 00 46 29, D 17.5 eP 00 46 36, D 17.7
MAY11	10 42 42.6 Kurile Isl. 44.77 N 148.69 E, 84km, m 4.6 ISC

PRU KHC	eP 10 54 30.5, D 77.5 eiP 10 54 36.7, eisP 55 09.8, D 78.6
MAY11	14 17 12.6 Tonga 21.86 S 175.04 W, 38km, m 5.0 ISC
KHC PRU PRA	eiPKIKP 14 36 58.6, eiPKHKP 37 05.2, D 151.9 eiPKHKPC. 14 37 02.5, D 150.9 ePKHKP 14 37 03, D 150.9
MAY11	15 32 02 E. Mediterranean Sea 35.7 N 29.4 E, 29km ISC
KHC PRU	eP 15 36 04, D 17.7 eP 15 36 11, D 17.9
MAY11	16 23 06 Dodecanese Isl. 35.11 N 27.8 E, 9km ISC
KHC PRU	eiP 16 27 08.8, ei 27 12.3, D 17.5 eP 16 27 15, D 17.7
MAY12	07 25 15.5 Tonga 15.91 S 175.26 W, 294km, m 4.6 ISC
PRU KHC	ePKP 07 44 20, D 145.1 ePKP 07 44 23, D 146.1
MAY12	Near shock
KHC	ePg 10 51 17, eiSg 51 33, (D 1.2)
MAY12	16 37 20 S. Greece 37.4 N 22.1 E, 50km ISC
KHC PRU	eP 16 40 31, D 13.2 eP 16 40 40, D 13.7
MAY12	17 16 30 S. Atlantic Ridge 22.4 S 12.1 W, 33km, m 4.5 ISC
KHC PRU	eP 17 28 13, D 74.8 eP 17 28 19, D 75.9
MAY12	19 09 08.5 S. Persia 27.88 N 56.50 E, 42km, m 4.7 ISC
KHC	eiPC. 19 16 32.6 (0.8s 16mu), ei 16 41.2, m 4.7, D 39.1
MAY12	19 18 10.0 Crete 34.78 N 24.08 E, 21km ISC
KHC PRU	eP 19 21 58, D 16.3 eP 19 22 07, D 16.7
MAY12	19 16 15 Fiji 21.8 S 176.5 W, 524km, m 4.4 ISC
PRU KHC	ePKP2 19 35 13.5, ei 35 36.5, D 150.5 eiPKP2 19 35 16, D 151.6

MAY13	10 04 37 Tadjhikistan 40.02 N 70.77 E, 18km, m 4.7 ISC
PRU KHC	eP 10 12 15, D 40.1 eiP 10 12 18.8, D 40.9
MAY13	Unidentified shock
KHC PRU	e 11 21 11, ei 21 50.5 e 11 21 27, e 22 30
MAY13	14 16 52.8 Nicaragua 11.53 N 86.36 W, 75km, m 5.5 ISC
KHC PRU PRA	eiP 14 29 34.5, eipP 30 08, D 87.8 eP 14 29 36.5, eipP 30 10, ePP 33 00, eS 40 08, ei 41 40, e 46 45, e 50 06, Lm 59.5 (LN: 21s 11u), (M 6.4), D 88.2 eP 14 29 37 (PV: 7s 0.9u), ePP 33 10, eS 40 30, eSP 41 16, Lm 15 05.5 (LH: 20s 26u, LV: 20s 38u), M 6.7, MPV 6.1, D 88.1
MAY13	14 19 43.5 Japan 36.44 N 140.72 E, 69km, m 5.3 ISC
PRU KHC	eiP 14 31 56.5 (1.0s 30mu), m 5.2, D 81.7 eiP 14 32 01.4, D 82.8
MAY13	14 30 20.7 Flores Sea 7.22 S 120.90 E, 627km, m 5.6 ISC
PRA KHC PRU	ePKIKP 14 47 36, ePP 48 05, epPP 50 16, eSKS 53 13, D 106.1 eiPKIKP 14 47 36.6, eiPKKP 58 55, ei 59 16, D 106.8 ePKIKP 14 47 30, e 47 59, ei 50 04, D 106.0
MAY13	17 48 02.1 Turkey 39.03 N 28.57 E, 35km, m 4.6 ISC
KHC	eiP 17 51 28, ei 51 34.2, D 14.7
MAY13	17 38 29.5 Nicaragua 11.79 N 86.27 W, 50km, m 4.9 ISC
PRU PRA	e 17 57 40, eL 18 19, Lm 26 (LN: 20s 0.9u), (M 5.2), D 87.9 Lm 18 28, D 87.8
MAY14	00 44 35 Turkey-Persia 38.9 N 44.6 E, 57km ISC
PRU KHC	eP 00 49 45, D 24.0 eP 00 49 47, D 24.4
MAY14	08 12 39.1 Dodecanese Isl. 35.29 N 27.96 E, 40km, m 4.3 ISC
KHC PRU	eiP 08 16 39.8, D 17.4 eP 08 16 43, D 17.7
MAY14	10 05 17.1 Dodecanese Isl. 35.33 N 27.72 E, 43km, m 5.1 ISC
KHC PRU	iPD. 10 09 16.7 (1.2s 194mu), ei 10 17.8, m 5.1, D 17.3 eiP 10 09 18.5 (1.4s 63mu), e 09 37, ei 10 04, eS 12 32, eL 14,

PRA	Lm 18 (LN: 9s 2.5u, LV: 9s 1.8u), m 4.6, (M 4.7), D 17.5 eP 10 09 21, e 09 26, ePP 09 40, eS 12 43, Lm 17 (LH: 11.5s 5.4u, LV: 12s 2.5u), M 5.0, D 17.6
MAY14	19 32 55 Aleutian Isl. 51.29 N 179.85 W, 22km, m 6.2 ISC
PRA PRU KHC	iPC.S. 19 44 54.5 (PV: 10s 8.6u), ePP 47 51, e 48 07, eS 54 46 (SH: 10s 4.1u), eSP 55 26, eSPP 55 42, Lm 20 24 (LH: 18s 77u, LV: 20s 90u), M 7.0, MPV 6.9, MSH 6.4, D 78.3 iPC.S. 19 44 54.5 (PV1: 1s 113mu, PV2 1s 288mu, PN: 12s 4.4u, PV: 10s 4.2u), i 45 19, eiPP 47 45, eiPPP 49 48, eSP 55 22, eSS 20 00.0, e 04 10, eiPKPPKP 11 56.5, eL 14, Lm 23.8 (LN: 20s 70u, LV: 20s 32u), m1 6.0, m2 6.4, (MPH 6.9), MPV 6.5, (MLH 7.0), D 78.4 iP 19 44 59.7 (1.5s 982 mu), i 45 36.2, ei 47 14.1, ei 49 07, ei 50 09.5, eiSP 55 20.5, ePKPPKP 20 11 40, m 6.6, D 79.3
MAY14	20 10 39.5 Aleutian Isl. 51.29 N 179.89 W, 15km, m 5.2 ISC
PRU KHC	eiP 20 22 40 (1.0s 15mu), m 5.1, D 78.4 eiP 20 22 45.7 (1.0s 19.5mu), m 5.1, D 79.3
MAY14	20 34 10.5 Kurile Isl. 43.25 N 146.73 E, 42km, m 5.0 ISC
PRU KHC	eiPC. 20 46 06.8 (1.0s 15mu), m 5.1, D 78.2 eiP 20 46 13.2 (1.2s 25mu), eipP 46 23.5, m 5.1, D 79.3
MAY15	23 57 35.5 Turkey 39.15 N 28.49 E, 36km, m 4.6 ISC
KHC	eP 00 01 06, D 14.6
MAY15	01 56 09.4 Japan 34.94 N 140.04 E, 60km, m 4.4 ISC
PRU KHC	eP 02 08 28, e 09 13, D 82.7 eiP 02 08 34, eisP 09 10.5, D 83.7
MAY15	02 21 47 Aleutian Isl. 51.5 N 179.6 W, 73km, m 4.4 ISC
KHC	eiP 02 33 44 (1.2s 9mu), ei 34 53.2, m 4.6, D 79.1
MAY15	03 29 43.4 Kurile Isl. 46.96 N 152.81 E, 62km, m 4.5 ISC
PRU KHC	eP 03 41 30.5 (1.0s 15mu), m 4.9, D 76.9 eiP 03 41 36 (1.0s 11mu), m 4.7, D 78.0
MAY15	04 49 05.6 Albania 40.51 N 19.71 E, 0km ISC
KHC	eP 04 51 27, D 9.7
MAY15	Probably near shock
KHC PRU	ei 05 01 33, ei 03 05.4 e 05 01 48, e 02 09, ei 03 16.5

MAY15	07 53 04.2 Philippines 16.04 N 121.87 E, 62km, m 5.0 ISC
PRU	eP 08 05 53, D 88.6
MAY15	Near shock
PRU	ePn 10 39 30, eiPg 39 32, ei 39 56, eiSg 39 59, (D 2.3)
KHC	eiPg 10 39 48.3, eiSg 40 19.2, (D 2.4)
MAY15	12 05 56.8 Dodecanese Isl. 35.28 N 27.73 E, 46km, m 4.8 ISC
KHC	eiP 12 09 56.1 (1.0s 86mu), i 10 00.8, m 4.8, D 17.3
PRU	eP 12 09 59.5, e(S) 13 22, eL 14.6, Lm 17 10 (LN: 11s 1.2u), (M 4.3), D 17.6
PRA	eP 12 10 04, Lm 17.5 (LH: 11s 1.8u, LV: 12s 0.8u), M 4.6, D 17.7
MAY15	13 08 13 Turkey 37.29 N 35.0 E, 86km ISC
PRU	eP 13 12 36, D 19.4
MAY15	13 55 13.3 Dodecanese Isl. 35.15 N 27.74 E, 68km ISC
KHC	eiP 13 59 12, D 17.4
MAY15	Near shock
PRU	iPg 14 04 17, eiSg 04 41, (D 1.8)
MAY15	20 39 49.3 Afghanistan 34.62 N 70.82 E, 49km, m 5.4 ISC
PRU	eiPC. 20 47 48.6 (1.6s 79mu), eiPP 49 30, m 5.2, D 43.3
PRA	eP 20 47 51, D 43.4
KHC	eiP 20 47 53.9 (1.6s 50mu), eiPP 49 36.4, m 5.0, D 44.0
MAY15	20 43 34.2 Leeward Isl. 16.75 N 61.39 W, 57km, m 5.7 ISC
KHC	eiP 20 54 26.7 (1.0s 23mu), i 54 37.1, m 5.1, D 67.7
PRU	eP 20 54 30.5, i 54 41.5, eipP 54 53.5, eiS 21 03 28, eL 11, Lm 22.4 (LN: 18s 1.0u), (M 5.0), D 68.3
PRA	eP 20 54 32, e 54 42, eS 21 03 30 (SH: 7s 1.4u), Lm 24, MSH 6.2, D 68.3
MAY15	22 38 17.9 Flores Sea 7.37 S 120.20 E, 402km, m 5.0 ISC
KHC	eiPKIKP 22 55 48, eiPP 56 10, ei 57 34.7, D 106.4
PRU	ePKIKP 22 55 55, D 105.7
PRA	e(P) 22 56 08, D 105.7
MAY16	04 02 57.3 E. Kazakhstan 49.78 N 78.16 E, 0km, m 5.2 ISC
PRU	eiPC. 04 10 34.5 (1.0s 18mu), ePP 12 06, m 4.7, D 39.9
KHC	eiP 04 10 42.3 (1.0s 28mu), eiPP 12 06.5, m 4.9, D 40.8

MAY16	05 09 34.4 Crete 35.00 N 24.54 E, 51km, m 4.6 ISC
KHC	eiP 05 13 23 (0.8s 30mu), m 4.5, D 16.3
PRU	eiP 05 13 27, D 16.7
MAY16	06 56 39.5 Japan 32.99 N 136.74 E, 410km, m 4.7 ISC
PRU	eiPD. 07 08 20.4 (1.2s 42mu), eipP 09 52.5, m 5.1, D 82.8
PRA	eP 07 08 22, D 82.8
KHC	eiP 07 08 25.6 (1.1s 31mu), m 5.0, D 83.9
MAY16	07 03 23.2 Kermadec Isl. 27.55 S 176.63 W, 58km, m 5.4 ISC
PRU	ePKIKP 07 23 10, e 23 30, eiPKP2 23 39, eipPKP2 23 49, ePP 27 13, D 156.0
PRA	ePKIKP 07 23 12, epPKIKP 23 22, ePKP2 23 39, epPKP2 23 51, ePP 27 12, e 27 33, D 156.0
KHC	eiPKIKP 07 23 13, eiPKP2 23 44.1, eiPP 27 28.5, D 157.1
MAY16	07 27 01.1 Greece 39.13 N 21.82 E, 39km, m 5.0 ISC
KHC	eiP 07 29 44.2, ei 30 26.7, D 11.6
PRU	eiP 07 29 49.5, ei 29 58, ei 30 25, eL 32.5, Lm 34 (LN: 9s 8u, LV: 9s 5.1u), (M 5.0), D 12.0
PRA	eP 07 29 51, Lm 35 (LH: 9s 9.4u, LV: 9s 11u), M 5.1, D 12.1
MAY16	Near shock
KHC	ePg 08 42 32, eiSg 42 50, (D 1.4)
MAY16	Near shock
PRU	ePg 09 01 05, eiSg 01 27.5, (D 1.6)
KHC	eiPg 09 01 14, eiSg 01 43.2, (D 2.3)
MAY16	10 14 Explosion of 12.7 Tons: Czechoslovakia 49.78 N 17.32E PRU
PRU	ePg 10 15 29.5, eSg 15 53.5, D 1.8
KHC	e 10 15 39, eiSg 15 19.4, D 2.5
MAY16	12 42 Explosion of 10.5 Tons: Czechoslovakia 49.92 N 14.05 E PRU
PRU	iPg 12 42 32.5, i 42 36.5, i 42 38.5, D 0.33
PRA	e 12 42 39, D 0.30
KHC	ePg 12 42 42, ei 42 45.2, eiSg 42 53.5, D 0.85
MAY16	Near shock
PRU	eiPg 13 14 36.5, eiSg 14 52, (D 1.1)
MAY16	Near shock

PRU	eiPg 16 12 23, eiSg 12 47, (D 1.8)
MAY17	Unidentified shock
KHC	e 05 50 52
PRU	e 05 50 54
MAY17	05 51 31.4 S. Atlantic Ridge 28.6 S 12.9 W, 33km, m 4.5 ISC
KHC	eiP 06 03 45, D 80.9
PRU	eP 06 03 48, D 81.9
MAY17	Probably explosion
PRU	iPg 09 41 25.5, ei 41 28.5
KHC	ePg 09 41 44, eiSg 42 01.5, (D 1.3)
MAY17	Near shock
PRU	iPg 12 00 46.5, ei 01 04, eiSg 01 07, (D 1.5)
KHC	ePn 12 01 01, eiPg 01 07, ei 01 33.5, eiSg 01 38.2, (D 2.4)
MAY17	Unidentified shock
KHC	eP 13 35 41.5, ei 36 25
PRU	e 13 37 13, e 38 12
MAY17	Near shock
PRU	eiPg 15 06 37.5, eSg 07 01.5, (D 1.8)
MAY18	00 15 31 Solomon Isl. 8.95 S 158.51 E, 12km, m 5.4 ISC
PRU	ePKIKP 00 34 41, ei 34 49.2, D 129.3
KHC	eiPKIKP 00 34 42.5, ei 34 51, D 130.4
MAY18	00 38 32 Aleutian Isl. 52.27 N 173.9 E, 54km, m 4.5 ISC
KHC	eP 00 50 25, D 77.9
MAY18	05 52 26 Crete 35.4 N 23.9 E, m 3.5 ATH
KHC	eP 05 56 12, D 15.7
MAY18	08 44 04.1 S. Alaska 60.34 N 145.93 W, 6km, m 5.4 ISC
PRA	eP 08 55 10, eS 09 04 18, Lm 28, D 68.8
PRU	eiPC. 08 55 10.5 (1.2s 35mu), ei 55 40, e(PP) 58 13, eS 09 04 14, e(SS) 08 44, eL 22, ePKPPKP 23 21, Lm 28.8 (LN: 16s 0.8u), m 5.5, (M 5.0), D 68.9
KHC	iPC. 08 55 15.6 (1.2s 57mu), i 55 20.8, ei 56 11.2, m 5.6, D 69.6

MAY18	10 46 16.7 Kurile Isl. 44.12 N 149.41 E, 49km, m 4.3 ISC
KHC	eiP 10 58 21, D 79.4
MAY18	13 29 55.1 Mascarene Isl. 19.50 S 66.02 E, 33km, m 4.8 ISC
PRU	eP 13 42 16, D 82.8
KHC	eiP 13 42 16.5, D 82.7
MAY18	20 56 23.7 Japan 41.44 N 142.46 E, 64km, m 4.9 ISC
PRU	eiPC. 21 08 18, e 08 35, D 78.2
KHC	eiPC. 21 08 24.2, D 79.2
MAY19	05 37 22.0 Tonga 21.2 S 174.8 W, 33km, m 4.8 ISC
PRA	ePKHKP 05 57 10, D 150.2
PRU	eiPKHKP 05 57 11.5, eiPKP2 57 21, D 150.3
KHC	eiPKHKP 05 57 14.4, D 151.3
MAY19	Near shock
PRU	ePg 14 22 14, eiSg 22 39, (D 1.9)
MAY19	Near shock
PRU	ePg 15 15 06.7, eiSg 15 33.5, (D 2.0)
MAY19	Near shock
PRU	ePg 16 44 01.6, e 44 21, eiSg 44 35.2, (D 2.5)
KHC	e 16 44 14.5, eiSg 45 01
MAY19	17 17 04 Dodecanese Isl. 35.5 N 27.8 E, m 4.1 ATH
KHC	eP 17 21 05, D 17.2
MAY19	Near shock
PRU	eiPg 18 03 42, eiSg 04 05.5, (D 1.8)
MAY19	18 14 25.7 Turkey 37.75 N 35.31 E, 55km, m 4.6 ISC
PRU	eiP 18 18 47 (1.3s 22mu), e 19 50, m 4.1, D 19.3
KHC	eiP 18 18 48.3 (1.2s 22mu), ei 19 22, m 4.2, D 19.4
MAY20	01 01 18 Kermadec Isl. 30.64 S 178.87 W, 17km, m 4.9 ISC
KHC	ePKIKP 01 21 14, D 159.6

MAY20	03 08 21.4 S. Pacific Cordillera 54.61 S 130.9 W, 32km, m 5.1 ISC
KHC	eiPKP2 03 28 46, D 157.6
PRU	eiPKP2 03 28 51, D 158.5
MAY20	06 36 00.0 Japan 38.37 N 141.69 E, 71km, m 4.3 ISC
KHC	eP 06 48 04, D 81.5
MAY20	Near shock
PRU	eiPg 09 48 54.6, eiSg 49 15.1, (D 1.6)
MAY20	Near shock
PRU	iPg 13 44 15, iSg 44 39, (D 1.8)
MAY20	Near shock
KHC	ePg 14 48 46.5, eiSg 49 04.6, (D 1.4)
PRU	ePg 14 49 01, eSg 49 27, (D 2.0)
MAY20	Near shock
PRU	eiPg 15 01 08, eiSg 01 35, (D 2.1)
MAY20	14 49 40 Kurile Isl. 43.55 N 147.62 E, 27km, m 5.0 ISC
PRU	eiP 15 11 39.5 (0.8s 14mu), eiPcP 11 48.7, m 5.1, D 78.2
KHC	eiP 15 11 45.2 (1.1s 29mu), eisP 12 02.7, m 5.3, D 79.3
MAY20	Near shock
PRU	eiPg 16 04 17, eiSg 04 41, (D 1.8)
MAY20	Near shock
PRU	e 17 23 58
KHC	ePg 17 24 07, eiSg 24 22.8, (D 1.2)
MAY20	22 29 47.3 Samoa 15.0 S 172.6 W, 37km, m 4.4 ISC
PRU	ePKP 22 49 21, ei 49 34.5, D 144.6
KHC	ePKP 22 49 24, ei 49 37.7, D 145.6
MAY21	02 38 05 E. Mediterranean Sea 35.5 N 28.2 E, 0km ISC
KHC	eP 02 42 08.5, D 17.4

MAY21	02 56 48 Philippines 11.74 N 125.81 E, 21km, m 5.2 ISC
PRU	eP 03 10 03 (2.5s 63mu), e 13 32, eSKS 20 39, eS 21 20, eL 46, Lm 56.5 (LH: 15s 2u), m 5.5, M 5.7, D 94.3
KHC	eiP 03 10 12.2 (2.1s 56mu), eiPP 13 59, m 5.6, D 95.2
MAY21	Near shock
PRU	eiPg 08 00 49.5, eiSg 01 07, (D 1.6)
MAY21	Near shock
PRU	eiPg 09 52 21, ei 52 34
KHC	ePg 09 52 31, eiSg 52 52, (D 1.6)
MAY21	15 02 28.6 Tonga 16.6 S 173.3 W, 25km, m 4.5 ISC
PRU	ePKP 15 22 08.5, D 146.1
KHC	ePKHKP 15 22 13, D 147.1
MAY21	Near shock
PRU	eiPg 15 36 10.5, eiSg 36 33.5, (D 1.7)
MAY21	15 31 59.8 Hindu-Kush 36 47 N 70.18 E, 224km, m 4.8 ISC
PRU	eiP 15 39 29, D 41.8
KHC	eP 15 39 34, D 42.5
MAY21	Near shock
KHC	ePg 16 32 28, eiSg 32 49, (D 1.6)
MAY21	Near shock
PRU	eiPg 17 06 39, eiSg 07 03, (D 1.8)
MAY21	17 05 03.3 New Ireland 4.57 S 153.21 E, 68km, m 4.9 ISC
PRU	ePKIKP 17 23 54, D 122.9
KHC	eiPKIKP 17 23 56.6, D 124.0
MAY21	21 45 20.4 Kurile Isl. 44.11 N 149.51 E, 43km, m 4.9 ISC
PRU	eiP 21 57 18 (1.0s 20mu), epP 57 30, m 5.2, D 78.4
KHC	eiP 21 57 24.3 (1.1s 25mu), eisP 57 37.4, m 5.2, D 79.5
MAY22	07 09 Austria 47.7 N 16.0 E VIE
KHC	ePg 07 09 52, eiSg 10 20, D 2.2
PRU	e 07 10 01, eSg 10 26, D 2.5

MAY22	09 36 41 Japan 38.26 N 143.26 E, 22km, m 4.6 ISC
PRU	eP 09 48 58, D 81.2
KHC	eiP 09 49 03, D 82.3
MAY22	Unidentified shock
PRU	eP 15 14 25.8
KHC	eiP 15 14 31.2
MAY22	Near shock
PRU	eiPg 15 39 04, eSg 39 27, (D 1.7)
MAY22	Near shock
PRU	eiPg 16 06 09.5, eiSg 06 36, (D 2.0)
MAY22	Near shock
KHC	eiPg 20 44 28, eiSg 44 49.5, (D 1.6)
MAY22	20 54 16 E. of Kamchatka 53.34 N 162.55 E, 43km, m 4.5 ISC
KHC	eP 21 05 53, D 74.6
MAY22	21 15 57.6 Lake Tanganyika 3.38 S 29.4 E, 33km. ISC
KHC	eP 21 25 20, D 54.1
MAY22	21 34 35.0 Bonin Isl. 27.39 N 140.17 E, 399km, m 4.5 ISC
PRU	eP 21 46 47, D 89.1
KHC	eiP 21 46 51.8, D 90.2
MAY22	22 30 30.0 S. Sumatra 5.64 S 103.23 E, 66km, m 4.8 ISC
PRU	eP 22 43 40, D 93.4
KHC	eP 22 43 43, D 94.0
MAY23	00 06 51.3 N. Atlantic Ridge 26.64 N 44.65 W, 33km, m 4.7 ISC
KHC	eP 00 15 42, D 49.8
PRU	eP 00 15 48.5, D 50.5
MAY23	09 13 Explosion of 15.7 Tons: Czechoslovakia 50.03 N 16.58 E
PRU	eiPg 09 13 31.5, eiSg 13 48.5, D 1.3
KHC	e 09 13 46, eiSg 14 13.8, D 1.4
PRA	e 09 14 07, D 1.4

MAY23	13 04 37.0 S. of Alaska 53.36 N 160.12 W, 32km, m 5.5 ISC
PRA	eP 13 16 27 (PV: 4s 0.6u), ePP 19 22, eS 26 18, MPV 6.1, D 76.8
PRU	eiPD. 13 16 27.5 (2.2s 150mu), esP 16 42.5, ePP 19 14, eS 26 14
KHC	eL 41, Lm 57 (LH: 20s 1.1u), m 5.7, M 5.2, D 76.9 iPD. 13 16 32.7 (1.7s 182mu), eiPcP 16 42.5, m 6.0, D 77.8
MAY23	Near shock
PRU	iPg 15 02 01.5, iSg 02 17.5, (D 1.2)
MAY23	Near shock
PRU	iPg 15 09 11.5, iSg 09 37.5, (D 2.0)
MAY25	Near shock
PRU	eiPg 15 40 30.7, eiSg 40 53.7, (D 1.7)
MAY23	Near shock
KHC	ePg 15 51 24, eiSg 51 45.5, (D 1.6)
PRU	eiPg 15 51 27, eiSg 51 50.5, (D 1.7)
MAY23	Near shock
PRU	eiPg 15 56 10.3, eiSg 56 27.8, (D 1.4)
MAY23	17 07 44 W. of N. Sumatra 3.70 N 95.72 E, 61km, m 5.0 ISC
PRU	eP 17 19 57.5, D 81.5
KHC	eiP 17 19 59.8, D 82.1
MAY23	21 54 21.4 New Hebrides 14.59 S 167.35 E, 178km, m 4.6 ISC
PRU	ePKIKP 22 13 29, D 138.3
KHC	eiPKIKP 22 13 32, D 139.4
MAY23	23 38 27 Loyalty Isl. 22.39 S 170.6 E, 0km ISC
PRU	eiPKP 23 58 10.5, D 146.6
KHC	ePKIKP 23 58 13.5, D 147.7
MAY24	05 59 12 Egypt 27.51 N 33.79 E, 32km, m 4.7 ISC
KHC	eiP 06 04 50, D 26.6
PRU	eP 06 04 51.5, D 26.9
MAY24	10 08 27.9 N. Atlantic Ocean 36.18 N 10.56 W, 25km, m 4.1 ISC
KHC	eP 10 13 21.5, D 21.9

MAY24	Near shock
PRU	eiPg 10 32 09.2, eSg 32 23.2, (D 1.1)
MAY24	11 49 28.0 Turkey 36.82 N 35.31 E, 44km, m 4.4 ISC
PRU	eiP 11 53 56.6 (1.0s 20mu), ei 54 06, ei 54 29, m 4.3, D 19.9
KHC	eiPC. 11 53 58 (1.0s 22mu), ei 54 06.3, m 4.3, D 20.0
PRA	e 11 54 09, D 19.9
MAY24	Near shock
KHC	e 12 40 40.5, ei 40 47.2, eiSg 41 10.2
PRU	ePg 12 40 41, eiSg 41 04, (D 1.7)
MAY24	Near shock
PRU	eiPg 14 10 18, eiSg 10 45.5, (D 2.0)
MAY24	Near shock
PRU	eiPg 15 55 57, eiSg 56 20.5, (D 1.8)
MAY24	Near shock
PRU	iPg 16 27 29, iSg 27 56, (D 2.1)
MAY25	11 32 38.9 Egypt 27.63 N 33.93 E, 33km, m 4.8 ISC
KHC	eiP 11 38 16.5, D 26.6
PRU	eP 11 38 18, D 26.8
MAY25	14 59 13 Aleutian Isl. 52.06 N 170.02 W, 8km, m 4.7 ISC
PRU	eP 15 11 14.5, D 78.3
KHC	eiP 15 11 20.2 (1.5s 35mu), m 5.2, D 79.1
MAY25	19 06 55.3 Kurile Isl. 44.4 N 149.5 E, 60km, m 4.1 ISC
PRU	eP 19 18 50, D 78.1
KHC	eiP 19 18 56.1, D 79.2
MAY25	20 18 26.8 S. of Kermadec Isl. 32.03 S 178.72 W, 39km, m 5.5, ISC
PRU	ePKIKP 20 38 19, ePKP2 38 55, eisPKP2 39 18, D 159.5
KHC	eiPKIKP 20 38 21.6, eiPKP2 39 03.8, eisPKP2 39 23, D 160.6
MAY26	04 15 Yugoslavia 46.5 N 14.4 E VIE
KHC	04 15 21, eiSg 15 58.5, D 2.7

MAY26	05 54 20.0 Mexico 15.73 N 94.56 W, 51km, m 5.0 ISC
PRU	eP 06 07 13, D 89.9
KHC	eiP 06 07 14.3, D 89.6
MAY26	Unidentified shock
PRU	e 11 04 59
KHC	ei 11 05 01.5
MAY26	Near shock
PRU	ePg 12 45 45.5, eiSg 46 01.5, (D 1.2)
KHC	ePg 12 45 55.5, eiSg 46 17.6, (D 1.6)
MAY26	15 37 18 Philippines 11.76 N 125.81 E, 21km, m 5.2 ISC
PRU	eP 15 50 37, epP 50 47, ePP 54 22, eSKS 16 01 04, eS 01 46, eL 24, Lm 34.5 (LH: 18s 2.1u), M 5.7, D 94.3
PRA	eP 15 50 39, eS 16 02 00, Lm 37 (LH: 15s 2.5u, LV: 15s 2.7u), M 5.8, D 94.3
KHC	eiP 15 50 41.7, D 95.2
MAY26	Near shock
PRU	iPg 17 09 28, eiSg 09 52.5, (D 1.8)
MAY26	Near shock
PRU	iPg 17 36 27.5, iSg 36 54, (D 2.0)
MAY27	01 03 33 Turkey 38.69 N 43.4 E, 65km ISC
PRU	eP 01 08 37, D 23.4
KHC	eP 01 08 39.5, D 23.8
MAY27	01 40 31 Austria 48.2 N 14.7 E, 0km ISC
KHC	eiPg 01 40 52, iSg 41 10.7, D 1.1
PRU	ePn 01 41 04, eiSg 41 32, D 1.8
MAY27	Near shock
PRU	iPg 07 50 20, eiSg 50 33.5, (D 1.1)
MAY27	Near shock
PRU	eiPg 09 36 38.5, eSg 36 52, (D 1.1)
MAY27	09 27 02.6 Molucca Sea 0.21 S 124.97 E, 26km, m 5.4 ISC

PRU KHC	eP 09 41 05.1, D 103.2 eP 09 41 05, e 44 34.8, eiPP 45 28, D 104.0
MAY27	Near shock
KHC	ePg 10 52 18.5, eiSg 52 37.5, (D 1.4)
MAY27	Near shock
PRU KHC	ePg 12 14 26, eiSg 19 35, (D 0.70) eiPg 12 14 41, eiSg 15 02, (D 1.6)
MAY27	Near shock
PRU KHC	eiPg 12 44 37.5, eiSg 44 53.5, (D 1.2) ePg 12 44 40, eiSg 44 57.5, (D 1.3)
MAY27	14 15 00.0 Nuclear explosion "TORRIDO": S. Nevada 37.07 N 115.99 W USAEC, m 5.0 ISC
PRU KHC	eiP 14 27 27.7 (1.5s 24mu), m 5.2, D 82.9 eP 14 27 28.5 (1.5s 18mu), m 5.1, D 83.2
MAY27	15 01 23 Santa Cruz Isl. 10.73 S 164.34 E, 15km, m 5.3 ISC
KHC	eiPKIKP 15 20 43, ei 22 13, D 134.7
MAY27	16 28 26 S.E. Alaska 60.38 N 140.68 W, 5km, m 4.5 ISC
PRU KHC	eP 16 39 29, D 68.2 eP 16 39 33.5 (1.3s 14mu), m 5.0, D 68.9
MAY27	16 29 31 Timor 8.84 S 124.07 E, 32km, m 5.3 ISC
PRU	ePP 16 48 31, D 109.3
MAY27	Near shock
PRU	iPg 18 14 53, iSg 15 17, (D 1.8)
MAY27	20 52 37.7 Kurile Isl. 44.31 N 148.73 E, 52km, m 4.6 ISC
PRU KHC	eiP 21 04 31.5 (0.8s 14mu), m 5.0, D 78.0 eiP 21 04 38 (0.8s 21mu), m 5.1, D 79.0
MAY28	Unidentified shock
KHC PRU	e 02 04 25 e 02 04 27

MAY28	03 35 35.2 Greenland Sea 73.74 N 9.4 E, 33km, m 4.5 ISC
PRA PRU KHC	eP 03 40 46, D 23.9 eP 03 40 46 (2.2s 50mu), m 4.7, D 24.0 eiP 03 40 55.5, D 24.8
MAY28	03 41 05 Philippines 11.79 N 125.83 E, 25km, m 5.3 ISC
PRU PRA KHC	eP 03 54 22.5 (1.5s 14mu), epP 54 32, m 5.1, D 94.3 eP 03 54 23, D 94.3 eiP 03 54 27.8, eipP 54 37, eiPP 58 21, D 95.2
MAY28	03 57 19.6 Greenland Sea 73.46 N 8.2 E, 33km, m 4.8 ISC
PRA PRU KHC	eP 04 02 30, Lm 12, D 23.6 eP 04 02 30 (1.2s 35mu), ei 02 45, e 05 30, Lm 12 (LN: 16s 0.8u), m 4.8, (M 4.3), D 23.7 eiP 04 02 37.8 (1.7s 46mu), m 4.9, D 24.5
MAY28	Near shock
PRU	eiPg 12 02 08.4, eiSg 02 32.5, (D 1.8)
MAY28	13 08 09.6 S. of Sumbawa Isl. 11.02 S 118.42 E, 17km, m 5.1 ISC
PRU	ePP 13 26 54, D 107.3
MAY28	Near shock
PRU	iPg 13 32 03.1, eiSg 32 22, (D 1.5)
MAY28	13 30 07.5 Peru-Ecuador 2.14 S 76.94 W, 164km, m 5.4 ISC
KHC	eiPC. 13 42 59 (1.4s 72mu), eipP 43 47.2, eiPP 46 38, m 5.6, D 91.9
PRA	eP 13 43 01, e 43 05, epP 43 47, ePP 46 43, epPP 47 21, eSKS 53 23, eS 53 56, epS 54 44, eSP 55 00, ePS 55 31, D 92.5
PRU	eiP 13 43 01 (1.5s 48mu), eipP 43 44, e 46 11, eiPP 46 43, eiSKS 53 21, eiS 53 46, ei 54 40, m 5.4, D 92.6
MAY28	Near shock
PRU	eiPg 15 08 27, eiSg 08 51.5, (D 1.8)
MAY28	22 25 38.1 Japan 40.11 N 142.02 E, 63km, m 4.7 ISC
PRU KHC	eiP 22 37 37.5, D 79.1 eiP 22 37 42, D 80.2
MAY29	07 17 27.0 Samoa 14.93 S 173.33 W, 33km, m 4.9 ISC
PRU	ePKP 07 37 02, D 144.5

KHC	eiPKP 07 37 03.5, ei 37 25.2, D 145.4
MAY29	Near shock
PRU KHC	e 08 01 57.5, eiSg 02 12.5 ePg 08 02 14, eiSg 02 40.5, (D 2.0)
MAY29	Near shock
KHC PRU	ePg 09 27 20, eiSg 27 26.8, (D 0.55) ePg 09 27 34, eiSg 27 50.5, (D 1.3)
MAY29	10 22 41.8 Fiji 20.35 S 177.84 W, 553km, m 4.5 ISC
KHC PRA PRU	eiPKIKPD. 10 41 25, eiPKHKP 41 31.2, D 149.9 ePKHKP 10 41 28, D 148.8 eiPKHKPD. 10 41 28.5, D 148.8
MAY29	11 22 30.8 Fiji 20.33 S 177.63 W, 465km, m 4.3 ISC
KHC PRU	eiPKIKP 11 41 22, eiPKHKP 41 28, D 149.9 eiPKHKP 11 41 25, D 148.9
MAY29	Near shock
PRU	eiPg 11 52 35.5, eiSg 52 49.5, (D 1.5)
MAY29	Near shock
PRU	iPg 12 32 47.5, eiSg 33 03.5, (D 1.2)
MAY29	Probably explosion
PRU KHC	eiPg 13 06 23, e 06 38 eiPg 13 06 27, eiSg 06 42.2, (D 1.1)
MAY29	13 46 04.4 Japan 39.82 N 143.26 E, 35km, m 4.4 ISC
PRU KHC	eP 13 58 11, D 79.9 eP 13 58 17 (1.0s 8mu), m 4.7, D 80.9
MAY29	16 17 35.1 Kermadec Isl. 29.30 S 178.79 W, 306km, m 4.4 ISC
PRU KHC	ePKP2 16 37 26, D 157.0 eiPKP2 16 37 31.2, D 158.1
MAY29	16 52 35 Tonga 19.89 S 174.44 W, 57km, m 4.9 ISC
KHC PRU	ePKHKP 17 12 21, eiPKP2 12 41.1, D 150.1 ePKP2 17 12 37, D 149.1

MAY29	Near shock
KHC	eiPg 19 08 10.5, eiSg 08 29, (D 1.4)
MAY29	20 25 57.4 Guatemala 14.76 N 90.60 W, 227km, m 4.6 ISC
KHC PRU	eP 20 38 23, eipP 39 15, D 88.0 eiP 20 38 30, eipP 39 17, D 88.3
MAY30	Near shock
PRU	eiPg 13 01 21.5, eiSg 01 47.5, (D 2.0)
MAY30	15 16 11 Fiji 21.07 S 178.83 W, 586km, m 4.7 ISC
KHC PRU	eiPKIKP 15 34 52.3, eiPKHKP 34 59, eiPKP2 35 08.2, D 150.3 eiPKHKP 15 34 54.5, D 149.3
MAY30	15 55 37.8 S. of Kermadec Isl. 32.19 S 178.17 W, 34km, m 5.5 ISC
PRA PRU KHC	ePKIKP 16 15 30, ePKP2 16 12, D 159.8 ePKIKP 16 15 32, eiPKP2 16 12, ei(P) 19 42, eSKKS 26 42, e 29 48, ePPS 33 18, Lm 17 32 (LN: 19s 2.2u), (M 6.1), D 159.9 eiPKIKP 16 15 34, eiPKP2 16 17.2, D 160.9
MAY30	16 22 47.5 S. of Kermadec Isl. 32.28 S 177.95 W, 33km, m 5.7 ISC
PRU PRA KHC	ePKIKP 16 42 40, eiPKP2 43 23.5, ePP 47 01, eSKKS 53 58, ei 56 32, ePPS 17 00 30, e 01 53, Lm 18 02 (LH: 19s 3.1u), M 6.2, D 160.0 ePKIKP 16 42 44 (PV: 6s 1.1u), ePKP2 43 23, ePKS 46 14, ePP 47 02, eSKKS 53 57, eSKSP 57 25, ePPS 17 00 40, eSS 07 42, Lm 18 02 (LH: 19s 4.1u, LV: 20s 4.5u), M 6.1, D 160.0 eiPKIKP 16 42 44, eiPKP2 43 27, D 161.1
MAY30	23 33 23.7 S. of Kermadec Isl. 32.2 S 178.0 W, 33km, m 4.7 ISC
KHC	ePKP2 23 54 04, D 160.9
MAY31	00 04 57.1 Kermadec Isl. 31.65 S 178.22 W, 39km ISC
KHC	ePKP2 00 25 33, D 160.4
MAY31	05 01 56.9 E. Kazakhstan 50.01 N 77.81 E, 0km, m 5.3 ISC
PRU KHC	eiP 05 09 31.5 (0.8s 15mu), eiPP 11 06, m 4.7, D 39.6 eiP 05 09 39.5 (0.8s 25mu), eiPP 11 11.7, m 5.0, D 40.5
MAY31	11 07 17.4 Ecuador 1.75 S 77.85 W, 174km, m 5.0 ISC
KHC PRU	eiP 11 20 09.5 (1.3s 21mu), ei 24 25.6, m 5.1, D 92.3 eiP 11 20 12 (1.0s 15mu), m 5.1, D 92.9

PRA	eP 11 20 13, D 92.8
MAY31	14 20 24.8 Greece-Bulgaria 41.21 N 24.0 E, 0km ISC
KHC	eP 14 23 02, D 10.8
MAY31	21 59 42.3 Afghanistan-USSR 36.30 N 71.01 E, 133km, m 4.3 ISC
PRU	eP 22 07 28, e 08 37, D 42.4
KHC	eP 22 07 33, ei 09 36, D 43.1
MAY31	22 09 18.7 Samoa 16.06 S 172.79 W, 33km, m 4.4 ISC
PRU	eiPKPC. 22 28 56.3, D 145.6
KHC	eiPKP 22 29 00, D 146.6
MAY31	22 24 32.2 Samoa 16.09 S 172.77 W, 15km, m 5.1 ISC
PRA	ePKP 22 44 11 (PKPV: 3s 1.0u), D 145.6
PRU	eiPKPC. 22 44 11.2, ei 44 16, eL 23 43, Lm 47.5 (LN: 21s 1.4u), (M 5.7), D 145.7
KHC	eiPKPC. 22 44 14.2, ei 44 20.1, D 146.6

JUN01	23 56 22.3 Solomon Isl. 4.87 S 154.23 E, 411km, m 5.4 ISC
PRU	eiPKIKP 00 14 33.3, ePP 16 24, ePKKP 24 21.5, D 123.7
PRA	ePKIKP 00 14 35, D 123.7
KHC	eiPKIKP 00 14 35.7, eipPKP 16 15.2, ei 17 33, eiPKKP 24 18.2, D 124.7
JUN01	Unidentified Shock
PRU	eP 00 35 04
KHC	eiP 00 35 07.5
JUN01	08 35 24 India-E.Pakistan 25.72 N 91.77 E, 33km, m 4.8 ISC
PRU	eiPC. 08 45 47.5, ei 45 54, D 62.7
KHC	eiPC. 08 45 52.2, D 63.5
JUN01	08 43 45.1 Fiji 21.79 S 179.39 W, 565km, m 4.1 ISC
PRU	eiPKHKPC. 09 02 31.5, D 149.8
KHC	eiPKHKPC. 09 02 34, eiPKP2 02 44.2, D 150.8
JUN01	12 36 29.7 S.Persia 26.66 N 60.52 E, 50km, m 4.6 ISC
KHC	eP 12 44 21 (1.3s 7mu), eipP 44 34.6, m 4.2, D 42.5
JUN01	19 53 14 Kermadec Isl. 31.92 S 177.9 W, 30km, m 5.0 ISC
KHC	eiPKIKP 20 13 11.4, eiPKP2 13 52.8, eiPP 17 35, D 160.8
PRU	e 20 13 23, eiPKP2 13 49, D 159.7
PRA	ePKP2 20 13 50, ePP 17 42, D 159.7
JUN01	21 26 25.2 Tonga 15.56 S 173.49 W, 253km, m 4.0 ISC
PRU	ePKP 21 45 37, ei 45 45.6, D 145.1
KHC	eiPKP 21 45 37.8, ei 45 51, D 146.0
PRA	e 41 45 48, D 145.0
JUN01	23 20 31.1 Austria 47.10 N 14.32 E, 43km ISC
KHC	iPn 23 21 05.2, D 2.1
PRU	eiPnD. 23 21 15.5, i 21 20, iPg 21 24, i 21 39, eiSg 22 01, Lm 22 22 (LN: 4s 1.5u, LV: 4s 0.7u), (M 3.7), D 2.9
PRA	e 23 21 19, ePg 21 25, eSg 22 03, D 2.9
JUN02	03 57 31 Austria 47.06 N 14.30 E, 30km ISC
KHC	eiPn 03 58 04.8, iSn 58 31.2, iSg 58 35, D 2.1
PRU	eiPn 03 58 15.5, ei 58 19.5, eiPg 58 24, ei 58 41, eSg 59 00, Lm 59 24 (LN: 4s 0.5u), (M 3.2), D 2.9
PRA	e 03 58 18, ePg 58 25, eSg 59 04, D 2.9

JUN04	20 17 27.2 Philippines 15.20 N 122.30 E, 29km, m 5.0 ISC
PRU	eP 20 30 30, D 89.5
KHC	eP 20 30 34, D 90.4
JUN04	20 35 08.5 N.Atlantic Ridge 11.93 N 43.80 W, 20km, m 4.8 ISC
KHC	eiP 20 45 14.6 (1.0s 8mu), m 4.7, D 59.9
PRA	eP 20 45 20, D 60.7
PRU	eiP 20 45 21, ei 45 28, D 60.8
JUN04	20 40 15 Loyalty Isl. 21.8 S 170 E NOU
PRU	ePKP 20 59 54, D 145.8
KHC	eiPKP 20 59 56, D 146.9
JUN05	00 22 46.4 Samoa 16.2 S 172.84 W, 33km, m 4.8 ISC
PRA	ePKP 00 42 23, D 145.7
PRU	eiPKP. 00 42 23, ei 42 28.5, D 145.8
KHC	eiPKP. 00 42 26.7, D 146.7
JUN05	10 45 46 N.Sumatra 4.90 N 96.26 E, 52km, m 5.1 ISC
PRU	eP 10 57 55.5, D 80.9
KHC	eP 10 57 59, D 81.5
JUN05	Near shock
PRU	ePg 13 06 13, eiSg 06 38, (D 1.9)
JUN05	Near shock
PRU	ePg 13 11 09, eSg 11 23, (D 1.1)
JUN05	15 48 09.8 Fiji 17.16 S 176.91 W, 316km, m 4.4 ISC
PRU	ePKP 16 07 13.5, D 146.0
KHC	eiPKP 16 07 17, D 147.0
JUN05	17 20 17.4 Halmahera 1.90 N 127.41 E, 106km, m 5.2 ISC
KHC	eiPP 38 28.8, D 103.9
JUN05	20 39 58 N.Atlantic Ridge 10.68 N 41.03 W, 25km, m 5.1 ISC
KHC	eiP 20 49 57.6 (2.1s 64mu), m 5.3, D 59.2
PRU	eP 20 50 04, e 50 27, e 51 39, eS 58 24, eL 21 06, Lm 10.4
PRA	(LN: 18s 0.7u), (M 4.9), D 60.0
	eP 20 50 04, D 60.0

JUN05	23 15 35.2 Turkey 41.0 N 41.5 E, 61km ISC
KHC	eP 23 20 17, D 21.2
JUN06	04 10 09.9 Jan Mayen Isl. 71.15 N 5.54 W, 11km, m 4.3 ISC
PRU	eP 04 15 19, D 23.2
JUN06	04 19 14 Kodiak Isl. 56.62 N 152.54 W, 5km, m 4.8 ISC
PRU	eiP 04 30 46.5 (1.4s 10mu), m 4.8, D 73.2
KHC	eiP 04 30 52.1 (1.2s 16mu), m 4.9, D 74.0
JUN06	05 27 23.0 Germany 48.3 N 9.1 E, BCIS
KHC	ePn 05 28 12, eiPg 28 21.2, ei 28 49, eiSg 29 02, D 3.1
PRU	eiPg 05 28 37.5, eiSg 29 28, D 4.0
JUN06	07 00 09.0 Sakhalin Isl. 46.03 N 143.05 E, 332km, m 4.5 ISC
PRU	eiP 07 11 13 (1.0s 16mu), m 4.7, D 74.5
KHC	eiP 07 11 19.5 (1.0s 22mu), m 4.8, D 75.5
JUN06	Near shock
KHC	eiPg 14 41 35, eiSg 41 53, (D 1.4)
JUN06	22 25 35.9 N.Chile 22.60 S 68.47 W, 112km, m 5.0 ISC
KHC	ePP 22 43 27, D 101.8
JUN07	05 24 14 New Zealand 35.5 S 179.9 W, 65km, m 4.7 ISC
KHC	ePKIKP 05 44 20, D 163.2
JUN07	Near shock
PRU	eiPg 08 32 15.5, eiSg 32 27.8, (D 1.0)
JUN07	Near shock
PRU	eiPg 11 02 14.5, eiSg 02 31, (D 1.3)
KHC	e 11 02 34, eiSg 03 05.2
JUN07	Near shock
PRU	ePg 12 12 04.5, eiSg 12 13.5, (D 0.70)
KHC	eiPg 12 12 19.5, eiSg 12 41, (D 1.6)
JUN07	Near shock

KHC	ePg 14 01 31.5, eiSg 01 52.5, (D 1.6)
JUN07	15 31 09 Ionian Sea 37.85 N 20.19 E, 9km, m 4.6 ISC
KHC PRU PRA	eiP 15 34 01.8, ei 34 04.9, ei 35 14.5, ei(S) 36 17.6, D 12.3 eP 15 34 08, ei 34 15.2, e 36 18, eL 37.5, Lm 39.9 (LH: 9s 5.8u, LV: 9s 2.8u), M 4.9, D 12.8 eP 15 34 10, Lm 40 (LN: 9s 4.5u, LV: 11s 5.5u), (M 4.8), D 12.9
JUN07	22 47 14 Aleutian Isl. 52.47 N 160.06 W, 29km, m 5.3 ISC
PRA PRU KHC	eP 22 59 10, e 59 28, D 77.8 eiPC. 22 59 10.4 (1.0s 33mu), ei 59 28, m 5.4, D 77.9 iPC. 22 59 15.9 (1.2s 88mu), eiPcP 59 24.5, m 5.7, D 78.8
JUN08	06 09 02.8 Aleutian Isl. 52.44 N 173.37 E, 54km, m 4.4 ISC
PRU KHC	eP 06 20 48, D 76.4 eiP 06 20 54.7, D 77.4
JUN08	11 41 16.8 Tonga 15.06 S 173.47 W, 33km, m 4.7 ISC
KHC	eiPKP 12 00 55, ei 01 07, ei 01 16.8, D 145.5
JUN08	14 49 33.0 E. of Kamchatka 53.28 N 159.70 E, 74km, m 5.3 ISC
PRU PRA KHC	eiPC. 15 00 56.6 (0.9s 60mu), ei 01 12.7, ei 02 38, m 5.5, D 73.0 eP 15 00 57, D 72.9 iPC. 15 01 02.9 (1.2s 94mu), ei 01 23.5, ei 02 28.1, m 5.6, D 74.0
JUN08	16 52 40.1 Lake Tanganyika 6.12 S 30.70 E, 33km ISC
KHC PRU	eiP 17 02 25 (1.0s 26mu), m 5.2, D 57.0 eP 17 02 30, D 57.6
JUN08	21 40 14.1 S. of Fiji 25.37 S 179.50 W, 420km, m 4.9 ISC
KHC PRU	ePKIKP 21 59 17, eiPKP2 59 42.3, eipPKP 22 01 24, D 154.2 ePKHKP 21 59 23, eiPKP2 59 38, D 153.1
JUN09	01 54 58 Taiwan 23.64 N 121.14 E, 57km, m 4.9 ISC
PRU KHC	eP 02 07 18, D 82.2 eP 02 07 25, D 83.2
JUN09	02 21 56 Japan 31.53 N 139.91 E, 32km, m 4.6 ISC
PRU KHC	eP 02 34 33, D 85.5 eP 02 34 38, D 86.6

JUN09	06 51 15 New Guinea 3.26 S 142.91 E, 11km, m 5.1 ISC
PRU KHC	e 07 09 49, eiPP 11 08, D 116.3 eiPKIKP 07 10 04.2, eiPP 11 18, D 117.3
JUN09	Near shock
KHC PRU	ePg 08 43 53, eiSg 44 17, (D 1.8) e 08 44 31.5, eiSg 44 42.3
JUN09	09 35 42 Ascension Isl. 7.2 S 12.6 W, 60km, m 4.7 ISC
KHC PRU PRA	eiP 09 45 47.2, ei 46 07, eiPP 48 03.5, D 60.6 eP 09 45 53, ei 46 13.7, D 61.7 eP 09 45 54, D 61.7
JUN09	Near shock
PRU KHC	eiPg 10 49 14, iSg 49 16, (D 0.15) ePg 10 49 33, eiSg 49 48.1, (D 1.1)
JUN09	Near shock
PRU KHC	e 13 02 01, eiSg 02 25.7 ePg 13 02 08, eiSg 02 34.6, (D 2.1)
JUN09	21 53 03 Tonga 23.56 S 174.90 W, 39km, m 5.5 ISC
PRU PRA KHC	eiPKIKP 22 12 49, eiPKHKP 12 57.4, eiPKP2 13 14.2, ePP 16 36, eL 23 05, Lm 23.5 (LH: 20s 1u), M 5.5, D 152.6 ePKIKP 22 12 50, ePKHKP 12 57, ePP 16 39, D 152.6 eiPKIKP 22 12 50.6, eiPKP2 13 11.7, D 153.6
JUN09	23 09 42 Kurile Isl. 44.11 N 148.97 E, 30km, m 5.1 ISC
PRA PRU KHC	eP 23 21 40, D 78.2 eiP 23 21 40 (1.0s 30mu), eipP 21 53, m 5.4, D 78.2 iPC. 23 21 46.2 (1.0s 39mu), ei 21 58.6, m 5.4, D 79.3
JUN10	Near shock
KHC	ePg 12 29 09.5, eiSg 29 30.6, (D 1.6)
JUN10	13 53 12.3 Poland 50.25 N 18.90 E, m 3.5 WAR
PRU KHC PRA	eiPg 13 54 05.5, eiSg 54 45, D 2.8 ePn 13 54 10, eiPg 54 19.3, eiSg 55 08, D 3.6 eSg 13 54 46, D 2.8
JUN10	17 15 28 Philippines 13.18 N 121.50 E, 17km, m 5.1 ISC
PRU	eP 17 28 32, esP 28 46, eL 18 00, Lm 11.4 (LH: 20s 0.9u),

KHC	M 5.2, D 90.6 eP 17 28 35.5, eisP 28 47, D 91.5
JUN10	22 52 12.0 Hindu Kush 36.41 N 70.72 E, 201km, m 5.2 ISC
PRU PRA KHC	eiPC. 22 59 46.5 (1.0s 30mu), eipP 23 00 31, eL 34, Lm 38 (LH: 18s 0.7u), m 4.8, M 5.3, D 42.2 eP 22 59 47, esPP 23 02 33, D 42.2 eiPC. 22 59 51.8 (1.5s 36mu), eipP 23 00 35, eiPP 01 32.5, m 4.7, D 42.9
JUN10	23 30 54.8 Hindu Kush 36.39 N 70.42 E, 220km, m 5.1 ISC
PRU PRA KHC	eiPC. 23 38 26 (1.3s 43mu), eipP 39 13.2, eisP 39 33, ei 41 11.5, m 4.8, D 42.0 eP 23 38 27, epP 39 14, esP 39 36, ePPP 40 50, esPP 41 14, D 42.1 eiP 23 38 31.6 (1.2s 31mu), ei 38 58.2, eiP 39 17.8, m 4.7, D 42.7
JUN11	00 58 10.5 Gulf of Alaska 59.57 N 144.71 W, 5km, m 5.2 ISC
PRU PRA KHC	eiPD. 01 09 21.0 (1.0s 22mu), ei 09 57.5, e 10 29, eS 18 30, eL 36, Lm 45.3 (LH: 15s 1.2u), m 5.3, M 5.4, D 69.5 eP 01 09 23, eS 18 22, Lm 45, D 69.4 iPD. 01 09 26.2 (1.3s 49mu), ei 09 52, m 5.5, D 70.2
JUN11	01 05 01 Gulf of Alaska 59.51 N 144.84 W, 9km, m 4.9 ISC
PRU PRA KHC	eiP 01 16 11 (1.3s 10mu), ei 16 39, m 4.8, D 69.6 eP 01 16 12, Lm 45, D 69.5 eiPC. 01 16 16.2 (1.2s 22mu), eiPcP 16 43.1, m 5.2, D 70.3
JUN11	04 48 22 N. Sumatra 1.09 N 98.87 E. 65km, m 5.0 ISC
PRU KHC	eiP 05 00 54.5, D 85.5 eiP 05 00 57, D 86.1
JUN11	06 51 11.4 N. of Ascension Isl. 2.33 S 12.25 W, 33km, m 4.9 ISC
KHC	eiP 07 00 48.6, eiPP 02 52.2, D 55.9
JUN11	Near shock
PRU KHC	eiPg 10 30 49, eiSg 31 05, (D 1.1) ePg 10 30 53, eiSg 31 12.6, (D 1.5)
JUN11	Near shock
PRU KHC	eiPg 10 59 33, eSg 59 56, (D 1.7) e 11 00 12

JUN11	15 11 17.5 Bonin Isl. 27.32 N 139.96 E, 500km, m 4.9 ISC
PRU PRA KHC	eiPD. 15 23 19 (1.0s 25mu), m 5.1, D 89.1 eP 15 23 20, D 89.1 eiPD. 15 23 24.1 (1.1s 45mu), m 5.3, D 90.1
JUN11	Near shock
PRU KHC	eiPg 16 01 22.3, eiSg 01 41.8, (D 1.5) e 16 02 08, eiSg 02 15
JUN11	23 13 17.6 Fiji 17.81 S 179.73 W, 613km, m 4.4 ISC
PRU KHC	ePKPD. 23 31 50.5, D 145.9 eiPKP 23 31 53, D 147.0
JUN12	23 44 56.0 Tonga 21.0s 174.41 W, 33km, m 4.6 ISC
PRU KHC	ePKHKP 00 04 44.5, eiPKP2 04 56.5, D 150.2 eiPKHKP 00 04 47, D 151.2
JUN12	07 41 21.3 Japan 40.37 N 143.78 E, 4km, m 5.2 ISC
PRU PRA KHC	eiPC. 07 53 31.0 (1.5s 38mu), eiPcP 53 40, ePP 56 30, eiS 08 03 30, ei 04 04, eL 24, Lm 31.5 (LH: 13s 3.1u), m 5.1, M 5.7, D 79.6 eP 07 53 32, eS 08 03 33, Lm 33 (LH: 14s 1.4u), M 5.5, D 79.6 iPC. 07 53 37.1 (1.5s 64mu), iPcP 53 45.8, eiPP 56 31.2, m 5.5, D 80.6
JUN12	Near shock
PRU KHC	ePg 09 05 41.5, eiSg 06 05, (D 1.7) e 09 06 04, eiSg 06 19
JUN12	09 54 40 Greece 38.2 N 20.4 E, 0km, m 4.4 ISC
KHC	eP 09 57 31, ei 57 52.5, ei 10 00 06, D 12.0
JUN12	Near shock
PRU	eiPg 11 48 50.5, eiSg 49 05.5, (D 1.2)
JUN12	Near shock
KHC PRU	ePg 12 20 36, eiSg 20 56.2, (D 1.6) e 12 20 50
JUN12	Near shock
PRU KHC	iPg 12 46 39, eiSg 46 41, (D 0.16) ePg 12 46 55, eiSg 47 11.8, (D 1.3)

KHC	M 5.2, D 90.6 eP 17 28 35.5, eisP 28 47, D 91.5
JUN10	22 52 12.0 Hindu Kush 36.41 N 70.72 E, 201km, m 5.2 ISC
PRU PRA KHC	eiPC. 22 59 46.5 (1.0s 30mu), eipP 23 00 31, eL 34, Lm 38 (LH: 18s 0.7u), m 4.8, M 5.3, D 42.2 eP 22 59 47, esPP 23 02 33, D 42.2 eiPC. 22 59 51.8 (1.5s 36mu), eipP 23 00 35, eiPP 01 32.5, m 4.7, D 42.9
JUN10	23 30 54.8 Hindu Kush 36.39 N 70.42 E, 220km, m 5.1 ISC
PRU PRA KHC	eiPC. 23 38 26 (1.3s 43mu), eipP 39 13.2, eisP 39 33, ei 41 11.5, m 4.8, D 42.0 eP 23 38 27, epP 39 14, esP 39 36, ePPP 40 50, esPP 41 14, D 42.1 eiP 23 38 31.6 (1.2s 31mu), ei 38 58.2, eiPP 39 17.8, m 4.7, D 42.7
JUN11	00 58 10.5 Gulf of Alaska 59.57 N 144.71 W, 5km, m 5.2 ISC
PRU PRA KHC	eiPD. 01 09 21.0 (1.0s 22mu), ei 09 57.5, e 10 29, eS 18 30, eL 36, Lm 45.3 (LH: 15s 1.2u), m 5.3, M 5.4, D 69.5 eP 01 09 23, eS 18 22, Lm 45, D 69.4 iPD. 01 09 26.2 (1.3s 49mu), ei 09 52, m 5.5, D 70.2
JUN11	01 05 01 Gulf of Alaska 59.51 N 144.84 W, 9km, m 4.9 ISC
PRU PRA KHC	eiP 01 16 11 (1.3s 10mu), ei 16 39, m 4.8, D 69.6 eP 01 16 12, Lm 45, D 69.5 eiPC. 01 16 16.2 (1.2s 22mu), eiPcP 16 43.1, m 5.2, D 70.3
JUN11	04 48 22 N. Sumatra 1.09 N 98.87 E. 65km, m 5.0 ISC
PRU KHC	eiP 05 00 54.5, D 85.5 eiP 05 00 57, D 86.1
JUN11	06 51 11.4 N. of Ascension Isl. 2.33 S 12.25 W, 33km, m 4.9 ISC
KHC	eiP 07 00 48.6, eiPP 02 52.2, D 55.9
JUN11	Near shock
PRU KHC	eiPg 10 30 49, eiSg 31 05, (D 1.1) ePg 10 30 53, eiSg 31 12.6, (D 1.5)
JUN11	Near shock
PRU KHC	eiPg 10 59 33, eSg 59 56, (D 1.7) e 11 00 12

JUN11	15 11 17.5 Bonin Isl. 27.32 N 139.96 E, 500km, m 4.9 ISC
PRU PRA KHC	eiPD. 15 23 19 (1.0s 25mu), m 5.1, D 89.1 eP 15 23 20, D 89.1 eiPD. 15 23 24.1 (1.1s 45mu), m 5.3, D 90.1
JUN11	Near shock
PRU KHC	eiPg 16 01 22.3, eiSg 01 41.8, (D 1.5) e 16 02 08, eiSg 02 15
JUN11	23 13 17.6 Fiji 17.81 S 179.73 W, 613km, m 4.4 ISC
PRU KHC	ePKPD. 23 31 50.5, D 145.9 eiPKP 23 31 53, D 147.0
JUN12	23 44 56.0 Tonga 21.0s 174.41 W, 33km, m 4.6 ISC
PRU KHC	ePKHKP 00 04 44.5, eiPKP2 04 56.5, D 150.2 eiPKHKP 00 04 47, D 151.2
JUN12	07 41 21.3 Japan 40.37 N 143.78 E, 4km, m 5.2 ISC
PRU PRA KHC	eiPC. 07 53 31.0 (1.5s 38mu), eiPcP 53 40, ePP 56 30, eiS 08 03 30, ei 04 04, eL 24, Lm 31.5 (LH: 13s 3.1u), m 5.1, M 5.7, D 79.6 eP 07 53 32, eS 08 03 33, Lm 33 (LH: 14s 1.4u), M 5.5, D 79.6 iPC. 07 53 37.1 (1.5s 64mu), iPcP 53 45.8, eiPP 56 31.2, m 5.5, D 80.6
JUN12	Near shock
PRU KHC	ePg 09 05 41.5, eiSg 06 05, (D 1.7) e 09 06 04, eiSg 06 19
JUN12	09 54 40 Greece 38.2 N 20.4 E, 0km, m 4.4 ISC
KHC	eP 09 57 31, ei 57 52.5, ei 10 00 06, D 12.0
JUN12	Near shock
PRU	eiPg 11 48 50.5, eiSg 49 05.5, (D 1.2)
JUN12	Near shock
KHC PRU	ePg 12 20 36, eiSg 20 56.2, (D 1.6) e 12 20 50
JUN12	Near shock
PRU KHC	iPg 12 46 39, eiSg 46 41, (D 0.16) ePg 12 46 55, eiSg 47 11.8, (D 1.3)

JUN12	Near shock
KHC	ePg 13 30 19, eiSg 13 30 46.2
JUN12	15 13 30.9 Crete 34.43 N 25.04 E, 22km, m 5.8 ISC
KHC	eiP 15 17 26.2 (PV1: 1.3s 207mu, PV2: 1.3s 1050mu), i 17 28.4, iS 20 45.8, m1 5.1, m2 5.8, D 17.0
PRU	eiPC.N.W. 15 17 32.2 (1.7s 868mu, PH: 13s 7.3u, PV: 10s 2.4u), ei 17 41, ei 18 21, e 20 28, eL 22, Lm 25.7 (LH: 10s 29u, LV: 10s 12u), m 5.6, M 5.8, MPH 5.7, MPV 5.3, D 17.4
PRA	ePC. 15 17 33, eS 20 50, Lm 25.5 (LH: 10s 20u), M 5.7, D 17.5
JUN12	15 46 42.9 S. Atlantic Ridge 32.6 S 14.0 W, 33km, m 4.9 ISC
KHC	eiP 15 59 16, ei 59 41, ePP 16 02 30.5, D 85.0
PRU	eP 15 59 26, D 86.1
JUN12	Unidentified shock
KHC	eiP 18 01 24.2
JUN12	18 00 30.8 Crete 34.23 N 25.22 E, 63km, m 4.8 ISC
KHC	eiP 18 04 26 (1.2s 37mu), i 04 29.5, m 4.4, D 17.2
PRU	eP 18 04 31.5, D 17.6
JUN12	18 10 16.4 Carlsberg Ridge 8.16 N 58.4 E, 33km, m 4.6 ISC
PRU	eP 18 19 48.5, D 55.4
KHC	eiP 18 19 48.7, D 55.4
JUN12	18 59 09.8 Taiwan 24.06 N 122.45 E, 45km, m 5.2 ISC
PRU	eiPC. 19 11 29.4 (1.5s 33mu), e 11 31, ePP 14 40, eL 42, Lm 53 (LH: 14s 1.1u), m 5.3, M 5.4, D 82.6
KHC	eiPC. 19 11 35 (1.2s 29mu). ei 12 33, m 5.4, D 83.6
JUN12	19 48 50 N. Atlantic Ocean 38.8 N 11.3 W, 33km SPCM
KHC	eiP 19 53 19.2, D 20.6
JUN13	01 23 14.6 Crete 34.35 N 25.14 E, 41km, m 4.7 ISC
KHC	eiP 01 27 13 (1.5s 45mu), m 4.4, D 17.1
PRU	eP 01 27 15 (0.6s 15mu), e 28 03, m 4.3, D 17.5
JUN13	08 48 28.3 Kurile Isl. 49.41 N 155.54 E, 52km, m 6.0 ISC
PRU	iPC.S. 09 00 07.9 (1.3s 183mu). eisP 00 35, e 03 17, eS 09 40, e 15 04, e 18 40, eL 23, Lm 36.7 (LH: 20s 9.8u, LV: 20s 18u), m 5.8, M 6.2, D 75.5

PRA	ePC. 09 00 08 (PV: 4s 2.0u), ePcP 00 14, esP 00 34, eS 09 45, Lm 36 (LN: 21s 38u, LV: 22s 55u), (M 6.7), MPV 6.6, D 75.4
KHC	iPC. 09 00 14.6 (1.1s 333mu), i 00 46.8, m 6.2, D 76.5
JUN13	Near shock
PRU	eiPg 10 57 37.5, ei 57 40.5, ei 57 49.5
KHC	eiPg 10 57 53, eiSg 57 13.2, (D 1.6)
JUN13	Near shock
KHC	eiPg 11 41 09.5, eiSg 41 24, (D 1.1)
PRU	eiPg 11 41 16.5, eiSg 41 36.5, (D 1.5)
JUN13	Near shock
PRU	iPg 11 58 06.5, ei 58 14.5
KHC	eiPg 11 58 10.5, eiSg 58 24.5, (D 1.1)
JUN13	12 55 07 Mediterranean Sea 33.9 N 24.8 E, 0km ISC
KHC	eiP 12 59 13, D 17.4
PRU	eP 12 59 15, D 17.8
JUN13	Explosion: Germany 47.63 N 11.15 E GRF
KHC	ePg 14 05 42, eiSg 06 12, D 2.2
JUN13	Near shock
PRU	ePg 14 20 18, eiSg 20 42, (D 1.8)
KHC	e 14 20 30, eiSg 20 53
JUN13	Near shock
PRU	eiPg 14 39 22.6, eiSg 39 49.1, (D 2.0)
JUN13	14 45 0.93 Explosion of 6.1 Tons: Germany 51.61 N 9.74 E HAN
PRU	ePg 14 46 07, eiSg 46 55, D 3.5
KHC	ePg 14 46 10.5, eSg 46 54, D 3.5
JUN13	Near shock
PRU	eiPg 15 45 05, eiSg 45 24, (D 1.8)
KHC	e 15 45 26, eSg 46 05
JUN13	18 34 31.5 Fiji 20.62 S 178.63 W, 603km, m 4.2 ISC
PRU	eiPKHKP 18 53 13, D 148.9
KHC	eiPKHKP 18 53 15.5, D 149.9

JUN13	19 42 17 Greece 38.1 N 20.2 E, 0km ISC
KHC	eP 19 45 10, D 12.0
JUN13	Unidentified shock
PRU	eiP 19 53 17.5
KHC	eiP 19 53 19
JUN14	Unidentified shock
PRU	e 00 13 48.7
KHC	e 00 13 51
JUN14	00 23 11.8 Aleutian Isl. 51.23 N 179.75 W, 45km, m 4.9 ISC
PRU	eP 00 35 09, eL 01 06, Lm 12.6 (LN: 22s 0.4u), (M 4.8), D 78.4
KHC	eiP 00 35 14, D 79.4
JUN14	00 59 23.3 Crete 34.23 N 25.11 E, 47km ISC
KHC	eiP 01 03 22.6, ei 03 47, D 17.2
PRU	eP 01 03 25.5, D 17.6
JUN14	03 28 29.9 Tibet 31.76 N 94.64 E, 33km, m 5.0 ISC
PRU	eiP 03 38 38.2, D 60.4
KHC	eP 03 38 42, D 61.2
JUN14	03 22 57.1 Solomon Isl. 7.93 S 159.05 E, 66km, m 5.8 ISC
PRA	ePKIKP 03 41 58, epPKE 42 15, ePP 44 05, D 128.7
PRU	eiPKIKP 03 41 58.5, eipPKP 42 15, ei 45 20, e 54 32, eL 04 17, Lm 27.4 (LH: 23s 1.3u), M 5.6, D 128.7
KHC	eiPKIKP 03 42 00, eipPKP 42 17.2, eiPP 44 13.5, D 129.8
JUN14	13 47 26.4 Crete 34.34 N 25.05 E, 21km, m 5.0 ISC
KHC	eiP 13 51 23.8 (1.4s 158mu), ei 51 27, ei 51 34, ei(S) 54 54.5, m 5.0, D 17.1
PRU	eP 13 51 28 (1.1s 83mu), ei 51 29.3, ei 51 44, ei 52 06, eS 54 42, ei 55 04, eL 57, Lm 59.5 (LN: 10s 1.1u), m 4.8, (M 4.3), D 17.4
PRA	eP 13 51 32, e 55 09, Lm 59.5 (LN: 10s 1.0u, LV: 10s 1.2u), (M 4.3), D 17.6
JUN14	14 32 57.4 Crete 34.34 N 25.26 E, 50km, m 4.5 ISC
KHC	eiP 14 36 52.5 (1.4s 25mu), m 4.2, D 17.1
PRU	eP 14 36 59, e 37 24, D 17.5
JUN14	Near shock

PRU	iPg 14 46 01.5, eiSg 46 20.5, (D 1.4)
JUN14	Near shock
PRU	iPg 14 50 26.5, iSg 50 44, (D 1.3)
JUN14	- JUN16 PRU: Station operation interrupted for a violent storm.
JUN14	17 45 00.9 Turkey-USSR 41.38 N 43.44 E, 26km, m 4.6 ISC
KHC	eiP 17 49 57.8, D 22.3
JUN15	05 58 43.2 Crete 34.30 N 25.13 E, 35km, m 4.6 ISC
KHC	eiP 06 02 40.5 (1.4s 25mu), m 4.2, D 17.1
JUN15	16 56 33 S. Sumatra 4.68 S 102.15 E, 47km, m 5.3 ISC
PRA	eP 17 09 40, D 92.1
KHC	eiP 17 09 41, ei 09 55.2, D 92.6
JUN16	04 53 23 Ionian Sea 37.9 N 20.1 E, 0km ISC
KHC	eiP 04 56 16.8, D 12.2
PRA	Lm 05 02, D 12.8
JUN16	Near shock
KHC	ePg 13 25 11, eiSg 25 26.2, (D 1.1)
JUN16	15 15 31 Ionian Sea 37.9 N 20.2 E, 58km ISC
KHC	eiP 15 18 20.5, D 12.2
JUN16	15 45 53.0 Banda Sea 4.98 S 125.80 E, 38km, m 5.2 ISC
KHC	ePKIKP 16 04 26, eiPP 04 58.5, D 108.2
PRU	ePP 16 04 50, D 107.4
JUN16	16 06 25.6 Greece 38.11 N 20.28 E, 40km, m 4.6 ISC
KHC	eiP 16 09 12.7, ei 09 35.8, ei 10 05, D 12.0
PRU	eP 16 09 19, ei 09 22.5, eL 13, Lm 15 (LH: 9s 4.5u), M 4.8, D 12.6
PRA	eP 16 09 25, Lm 15 (LN: 9s 3.6u, LV: 8s 4.0u), (M 4.7), D 12.7
JUN16	Near shock
KHC	eiPg 16 45 35.5, eiSg 45 55, (D 1.5)

PRU	ePg 16 45 40, eiSg 46 02, (D 1.6)
JUN17	00 00 35 Crete 34.6 N 24.97 E, Okm ISC
KHC	eP 00 04 35, D 16.8
JUN17	05 18 43 Greece 38.23 N 20.21 E, 11km, m 4.5 ISC
KHC	eiP 05 21 34, ei 21 53.8, D 11.9
PRU	eP 05 21 47, e 24 22, eL 26, Lm 27.4 (LH: 10s 2.1u), M 4.4, D 12.4
PRA	i 05 25 20, Lm 27.5 (LN: 9s 1.8u, LV: 10s 1.9u), (M 4.4), D 12.4
JUN17	05 32 56.6 Puerto Rico 19.10 N 66.55 W, 40km, m 4.3 ISC
KHC	eP 05 44 03, D 69.4
PRU	eP 05 44 06, D 69.9
JUN17	Near shock
PRU	eiPg 13 51 45.2, eiSg 52 06.2, (D 1.5)
JUN17	Near shock
PRU	e 14 22 01, eiSg 22 15.5
KHC	eiPg 14 22 11.4, eiSg 22 32.7, (D 1.6)
JUN17	Near shock
PRU	eiPg 18 26 41, eiSg 27 02, (D 1.5)
JUN17	19 26 31.5 Marianas 18.92 N 145.49 E, 234km, m 5.7 ISC
PRU	eP 19 39 45, epP 40 33, eiPP 43 50, eipPP 44 34, eiSKS 50 00, ei 50 52, e 51 32, eiPKKP 56 12.4, ei 56 41.5, eSSP 58.0, eL 20 13.5, Lm 20.7 (LH: 20s 6.5u), M 6.8, D 98.9
PRA	eP 19 39 47, epP 40 35, ePP 43 53, epPP 44 33, eSKS 50 02, e 51 34, e(SP) 52 20, ePKKP 56 42, Lm 20 28 (LN: 15s 1.9u, LV: 15s 3.5u), (M 5.7), D 98.9
KHC	eiP 19 39 49.6, eipP 40 41.8, eiPP 43 56, eipPP 44 43.1, eiSKS 50 06.8, eiPKKP 56 09.8, ei 56 37.2, D 99.9
JUN17	23 24 46 E. Caucasus 43.31 N 45.25 E, 29km, m 5.0 ISC
PRU	eiPC. 23 29 38.7 (1.3s 48mu), ei 30 04.5, eS 33 40, eL 36, Lm 40 (LH: 14s 4.2u), m 4.8, M 5.0, D 22.0
PRA	eP 23 29 40, eS 33 50, e 36 39, Lm 43, D 22.1
KHC	eiP 23 29 45 (1.7s 107mu), ei 30 45.2, ei 31 18, ei 37 20.2, m 5.1, D 22.6
JUN18	23 58 10.4 Macquarie Isl. 52.53 S 159.7 E, 33km, m 5.8 ISC

KHC	ePKIKP 00 18 05, eiPKP2 18 41.7, eiPP 22 21, D 158.5
PRA	ePKIKP 00 18 06, ePKP2 18 48, e 19 07, ePP 22 20, Lm 01 38 (LN: 22s 16u, LV: 22s 16u), (M 6.6), D 158.3
PRU	eiPKIKP 00 18 09, ei 18 24, eiPKP2 18 41.5, ei 19 06, ePP 22 20, ei 23 01, eSKKS 29 02, eSKSP 32 40, ePPS 35 40, eiSS 42 16, eSSS 48.0, Lm 01 38.5 (LH: 21s 14u), M 6.7, D 158.2
JUN18	01 38 46.6 Gulf of Alaska 59.49 N 144.90 W, 29km, m 5.2 ISC
PRU	eiP 01 49 56 (1.8s 77mu), ei 50 12, m 5.5, D 69.6
PRA	eP 01 49 57, D 69.5
KHC	eiP 01 49 59 (1.4s 72mu), eiPcP 50 18, D 70.3
JUN18	11 45 Explosion of 18.8 Tons: Czechoslovakia 49.87 N 17.91 E
PRU	ePg 11 46 31.7, eiSg 47 01, D 2.2
KHC	eiPg 11 46 47, eiSg 47 23.4, D 2.9
JUN18	Near shock
PRU	eiPg 12 03 39.5, eiSg 03 59.5, (D 1.5)
JUN18	Near shock
PRU	eiPg 13 09 05.2, eiSg 09 26.2, (D 1.6)
JUN18	Near shock
PRU	iPg 13 40 25.4, eiSg 40 46.4, (D 1.6)
JUN18	Near shock
PRU	iPg 13 46 10.3, iSg 46 25.3, (D 1.1)
JUN18	Near shock
PRU	eiPg 17 24 03.6, eiSg 24 24.6, (D 1.6)
JUN18	Near shock
PRU	eiPg 19 41 04.2, eiSg 41 25.2, eiSg 41 25.2, (D 1.6)
JUN18	20 08 38.2 N. Sumatra 5.86 N 94.79 E, 90km, m 5.0 ISC
PRU	eP 20 20 35, D 79.2
KHC	eiP 20 20 38.5, D 79.8
JUN18	23 44 14.6 Aleutian Isl. 52.66 N 167.87 W, 42km, m 5.4 ISC
PRA	eP 23 56 0E, Lm 41, D 77.6

PRU KHC	eiPC.S. 23 56 08.5 (1.4s 71mu), eipP 56 17.7, ei 58 20.5, eS 00 06 01, e 06 40, eL 26, Lm 41 (LH: 17s 23u), m 5.6, M 5.6, D 77.7 iPC. 23 56 13.6 (1.3s 125mu), eiPcP 56 26, m 5.8, D 78.6
JUN19 KHC	04 46 26 Aleutian Isl. 52.70 N 167.85 W, 2km, m 4.5 ISC eP 04 58 32, D 78.5
JUN19 KHC PRU	06 52 36.7 Crete 34.29 N 25.23 E, 49km, m 4.6 ISC eiP 06 56 34.5 (1.1s 28mu), ei 56 45.3, m 4.3, D 17.2 eP 06 56 38.7, D 17.5
JUN19 PRU PRA KHC	07 03 02.9 Ryukyu Isl. 28.13 N 130.00 E, 27km, m 5.5 ISC eiPC. 07 15 29.7 (1.2s 45mu), eisP 15 42.7, eL 45, Lm 55.6 (LH: 22s 1.1u), m 5.6, M 5.2, D 83.5 eP 07 15 30, e 15 44, D 83.5 iPC. 07 15 34.5 (1.2s 60mu), eisP 15 47.5, ei 15 54.5, m 5.7, D 84.5
JUN19 PRU KHC	Near shock eiPg 09 38 21 eiPg 09 38 27, eiSg 38 43.5, (D 1.2)
JUN19 KHC	Near shock ePg 09 44 53, eSg 45 08, (D 1.1)
JUN19 PRU KHC	Near shock eiPg 11 39 34.2, eiSg 39 47.2, (D 1.0) eiPg 11 39 43, eiSg 40 02.6, (D 1.5)
JUN19 KHC PRU	Near shock eiPg 13 19 31.2, eiSg 20 01, (D 2.3) e 13 20 15, e 20 37
JUN19 PRU PRA KHC	13 36 45.2 Fiji 17.99 S 178.24 W, 540km, m 4.9 ISC ePKPD. 13 55 24.2, i 55 27.2, eipPKP2 57 31, D 146.5 ePKP 13 55 25, D 146.4 eiPKPD. 13 55 25.8, i 55 30.0, iPKP2 55 34.0, D 147.5
JUN19 PRU	Near shock eiPg 16 09 26.2, eiSg 09 48, (D 1.6)

JUN19 PRU KHC	18 18 55.2 Afghanistan-USSR 38.87 N 70.58 E, 44km ISC eP 18 26 34.5, D 40.6 eP 18 26 39.5, D 41.4
JUN19 PRU PRA KHC	18 56 49.2 E. of Kamchatka 53.20 N 159.95 E, 62km, m 5.2 ISC eiPC. 19 08 14.6 (1.0s 34mu), m 5.2, D 73.1 eP 19 08 15, D 73.1 eiPC. 19 08 20.5 (1.3s 67mu), m 5.4, D 74.1
JUN19 PRU KHC	20 25 01.3 Unimak Isl. 54.18 N 164.21 W, 39km, m 5.0 ISC eP 20 36 48, D 76.2 eiP 20 36 52.5 (1.5s 23mu), m 5.1, D 77.1
JUN19 PRU KHC	21 33 15 Aleutian Isl. 52.61 N 167.89 W, 6km, m 4.9 ISC eiP 21 45 14.7, D 77.8 eiP 21 45 19.5 (1.3s 15mu). ei 45 43.5, m 4.9, D 78.6
JUN20 PRU PRA KHC	02 37 51.8 S. of Alaska 53.31 N 162.41 W, 41km, m 5.8 ISC eiPD.S. 02 49 42.2 (1.2s 56mu), eipP 49 54.2, ei 51 11, eiS 59 30, e 03 00 34, eL 11, Lm 31 (LH: 18s 1.0u), m 5.6, M 5.2, D 77.0 eP 02 49 43, epP 49 55, eS 59 31, Lm 03 34, D 77.0 eiPD. 02 49 47.5 (1.4s 186mu), eiPcP 49 57, m 6.0, D 77.9
JUN20 PRU KHC PRA	06 41 05.8 Japan 38.52 N 142.00 E, 81km, m 5.3 ISC eP 06 53 10, eipP 53 30.7, eiPP 56 22, D 80.5 eiP 06 53 16, eiPcP 53 24.5, eipP 53 36, ei 55 54, D 81.5 epP 06 53 31, D 80.5
JUN20 PRU KHC	09 01 Explosion of 8 Tons: Czechoslovakia 50.18 N 13.29 E PRU iPg 09 01 58.2, eiSg 02 09, ei 02 10.5, D 0.83 ePg 09 02 02, eiSg 02 17, D 1.1
JUN20 PRU	Near shock eiPg 11 08 34, eSg 09 00, (D 2.0)
JUN20 PRU	Near shock eiPg 13 45 19.2, eiSg 45 43.2, (D 1.8)
JUN20 PRA PRU	15 37 49.6 Japan 40.81 N 142.19 E, 59km, m 5.5 ISC eP 15 49 46, D 78.6 eiP 15 49 46.7 (1.5s 167mu), ipP 50 06.7, ePP 52 35, m 5.7,

KHC	D 78.6 iPC. 15 49 52.0 (1.0s 70mu), eiPcP 50 03, eipP 50 13, m 5.7, D 79.6
JUN20	Near shock
PRU	iPg 16 16 21.7, eiSg 16 42.7, (D 1.6)
JUN20	Near shock
PRU	eiPg 16 43 15.4, iSg 43 37.7, (D 1.6)
JUN20	23 01 57.8 Loyalty Isl. 21.79 S 170.15 E, 0km ISC
KHC	ePKIKP 23 21 37, D 147.0
JUN21	06 36 43.3 Philippines 11.31 N 125.44 E, 78km, m 5.2 ISC
PRU	eiP 06 49 56.5 (1.3s 16mu), m 5.3, D 94.4
KHC	eP 06 50 00 (1.1s 11mu), ei 50 14, m 5.2, D 95.3
JUN21	Near shock
PRU	eiPg 08 00 57.2, eiSg 01 15.4, (D 1.4)
JUN21	Near shock
PRU	e 12 33 34, eiSg 33 45
KHC	ePg 12 33 27, eiSg 33 49, (D 1.6)
JUN21	Near shock
PRU	ePg 14 00 37, eiSg 00 58.7, (D 1.6)
KHC	e 14 00 51, e(Sg) 01 32
JUN21	15 12 08.9 Java Sea 5.41 S 109.66 E, 548km, m 5.4 ISC
PRU	eiP 15 24 45.3, eiPP 28 50.5, D 97.4
KHC	eiPC. 15 24 47.5, ei 28 35, D 98.0
JUN21	15 40 39.4 Bulgaria 42.08 N 25.26 E, 49km, m 4.4 ISC
KHC	eiP 15 43 13, ei 43 30, ei 46 44, D 10.8
PRU	e 15 43 28, e 45 53, D 10.9
JUN21	Near shock
PRU	ePg 15 52 48, eiSg 53 09, (D 1.6)
JUN21	16 18 05 Albania 40.59 N 19.9 E, 13km ISC

KHC	eiP 16 20 23.5, e 23 45, D 9.6
PRU	eP 16 20 31, e 23 31, D 10.1
JUN21	16 35 08.6 S. Persia 27.48 N 57.52 E, 64km, m 5.2 ISC
PRU	eiPD. 16 42 35 (1.3s 19mu), e 42 52, e 43 56, eL 55, Lm 17 01.5 (LH: 20s 0.8u), m 4.8, M 4.6, D 39.6
PRA	eP 16 42 37, D 39.7
KHC	eiPD. 16 42 38.2 (1.2s 94mu), e(S) 48 26, m 5.3, D 40.0
JUN21	22 33 24.0 Virgin Isl. 19.83 N 64.27 W, 50km, m 4.7 ISC
KHC	eP 22 44 17.5, D 67.4
PRU	eP 22 44 20, D 68.0
JUN22	01 33 23.0 Tibet-India 30.50 N 79.40 E, 15km, m 5.3 ISC
PRU	eiPC. 01 42 29.7 (1.4s 67mu), ei 42 35, eiPcP 43 33, eiPP 44 27.7, eS 49 48, Lm 02 06.6 (LE: 12s 0.3u), m 5.4, (M 4.5), D 51.5
PRA	eP 01 42 31, e 42 37, Lm 02 06, D 51.6
KHC	eiPC. 01 42 34 (1.5s 37mu). ePP 44 30, m 5.1, D 52.2
JUN22	02 33 51.9 Kurile Isl. 49.24 N 158.49 E, 24km, m 5.5 ISC
PRU	eiPD. 02 45 40.9 (1.1s 40mu), epP 46 40, ePP 48 36, eS 55 24, e 03 00.8, eL 09, Lm 26.5 (LH: 14s 4.9u, LV: 14s 2.5u), m 5.5, M 6.0, D 76.2
PRA	eP 02 45 41, ePP 48 35, eS 55 30, Lm 03 26 (LN: 15s 3.9u, LV: 15s 6.6u), (M 5.8), D 76.4
KHC	iPD. 02 45 47.0 (1.2s 69mu), ei 06 04.5, ei 47 02, m 5.7, D 77.5
JUN22	06 12 24.0 Kermadec Isl. 31.93 S 177.86 W, 33km, m 5.0 ISC
PRU	ePKP2 06 33 00, e 33 22, D 159.7
KHC	eiPKP2C. 06 33 04, e 33 16.2, D 160.8
JUN22	10 45 24.8 Aleutian Isl. 51.46 N 179.95 W, 56km, m 6.1 ISC
PRU	iPC. 10 57 19.2 (1.0s 197mu), isP 57 37.7, ei 58 06.5, eiPP 11 00 38.7, eScS 07 28, eSPP 08 08, eSS 12 24, e 16 30, eL 26, Lm 34.5 (LH: 22s 2.6u), m 6.0, M 5.7, D 78.2
PRA	ePC. 10 57 20, ePP 11 00 16, ePPP 02 03, e(S) 07 28, ePS 08 10, Lm 36 (LN: 20s 3.6u, LV: 20s 2.8u), (M 5.7), D 78.1
KHC	eiPC. 10 57 24 (1.0s 384mu), ei 57 40, m 6.3, D 79.1
JUN22	Unidentified shock
KHC	eiPC. 13 12 14
JUN22	14 30 11.6 Mexico 16.98 N 93.63 W, 156km, m 5.0 ISC
KHC	eiP 14 42 45.2, eipP 43 25, D 88.1

PRU	eP 14 42 48, D 88.3
JUN22	15 58 18.1 Aleutian Isl. 51.45 N 179.90 W, 61km, m 5.0 ISC
PRU KHC	eP 16 10 11.7, D 78.2 eiPC. 16 10 16.5 (1.0s 10mu), m 4.7, D 79.1
JUN23	00 17 53 Auckland Isl. 49.45 S 164.19 E, 5km ISC
KHC PRU	ePKP2 00 38 37, ei 38 41.5, D 160.9 ePKP2 00 38 39.5, D 160.4
JUN23	00 54 02.2 Germany 48.31 N 9.11 E, 9km ISC
KHC PRU	iPnC. 00 54 53, eiPg 55 01.5, ei 55 26, eiSg 55 43.5, D 3.1 e 00 55 11, eiPg 55 18, eiSg 56 10.5, D 3.9
JUN23	01 59 14.0 Tadzhikistan-Sinkiang 38.11 N 73.04 E, 136km ISC
PRU KHC	eP 02 06 59.7, D 42.7 eiP 02 07 05.2, D 43.4
JUN23	05 57 08.5 Japan 37.31 N 141.62 E, 52km, m 5.1 ISC
PRU PRA KHC	iPC. 06 09 21.2 (1.0s 31mu), ei 09 34, m 5.2, D 81.3 eP 06 09 22, D 81.3 iPC. 06 09 26.2 (1.0s 39mu), ei 09 38, m 5.3, D 82.4
JUN23	07 08 29.1 Mexico 18.44 N 104.55 W, 45km, m 5.5 ISC
PRU KHC PRA	eP 07 21 39, epP 22 03, ePP 25 27, e 32 18, eL 48, Lm 56.5 (LH: 24s 2.lu), M 5.5, D 93.3 eiP 07 21 41 (2.0s 102mu), ei 23 15, eiPP 25 27, m 5.9, D 93.3 eP 07 21 43, ePP 25 27, Lm 08 06, D 93.2
JUN23	07 54 51.3 N. of Ascension Isl. 0.10 S 17.60 W, 33km, m 4.6 ISC
KHC PRU	eP 08 04 26.5, D 55.9 eP 08 04 35, D 57.0
JUN23	11 06 37.8 Philippines 15.68 N 120.75 E, 198km, m 4.5 ISC
PRU	eiP 11 19 08, D 88.2
JUN23	Near shock
PRU	eiPg 13 31 29.2, eiSg 31 45.7, (D 1.3)
JUN24	00 35 10.9 Nicaragua 11.54 N 85.87 W, 154km, m 5.3 ISC
KHC	eP 00 47 40, ei 47 42, ei 48 10, eiPP 51 07, D 87.5

PRU PRA	eP 00 47 45.5, eiPP 51 14, D 87.9 eP 00 47 46, ePP 51 14, D 87.8
JUN24	01 20 08.0 Japan 39.15 N 143.03 E, 33km, m 4.3 ISC
PRU KHC	eP 01 32 17.7, D 80.3 eP 01 32 23, D 81.4
JUN24	03 29 17.8 E. New Guinea 5.85 S 146.79 E, 117km, m 5.3 ISC
PRU KHC	ePKIKP 03 47 57.3, eiPP 49 27, e 58 03, e 04 01 45, eL 24, Lm 28.5 (LH: 28s 1.6u), M 5.8, D 120.6 iPKIKP 03 47 58.0, ei 50 05, e 58 02, ei 04 01 30, D 121.6
JUN24	10 58 09.6 Philippines 13.36 N 123.22 E, 42km, m 5.1 ISC
PRU KHC PRA	eP 11 11 24 (1.5s 23mu), eS 22 08, e 23 26, eL 42, Lm 47.8 (LH: 25s 3.8u), m 5.3, M 5.8, D 91.5 eP 11 11 25 (1.7s 24mu), ei 11 57, ei 14 35, m 5.2, D 92.4 Lm 11 55, D 91.5
JUN24	12 55 31 Austria 47.83 N 11.10 E FUR
KHC PRU	ePn 12 56 05, eiPg 56 09, ei 56 25.3, eiSg 56 34, D 2.1 ePn 12 56 26, eiSn 57 08, D 3.1
JUN24	13 25 22.4 N. Italy 45.05 N 10.09 E, 45km ISC
KHC PRU PRA	iPnD. 13 26 32.5, ei 26 41, ei 27 13.5, iSn 27 28, D 4.7 eiPnD. 13 26 46.6, ei 27 26, eiSn 27 52, ei 28 06, eiSg 28 34, Lm 29.5 (LN: 12s 0.4u), (M 3.1), D 5.8 e 13 27 59, e 28 45, D 5.8
JUN25	00 08 55.9 Philippines 13.46 N 120.33 E, 60km, m 5.0 ISC
PRU KHC PRA	eP 00 21 49.7 (2.0s 41mu), eSKS 32 18, e 32 41, eSP 33 34, eL 52, Lm 01 01 (LH: 17s 2.2u), m 5.4, M 5.7, D 89.7 eP 00 21 53, eisP 22 34, D 90.6 Lm 01 08, D 89.7
JUN25	04 42 40 Kirgiziya-Sinkiang 41.42 N 79.43 E, 35km, m 4.8 ISC
PRU	eiP 04 50 53, D 44.8
JUN25	06 11 51.8 Dodecanese Isl. 35.98 N 27.60 E, 48km, m 4.7 ISC
KHC PRU	eiP 06 15 44.7 (1.1s 14mu), ei 16 23, m 4.0, D 16.7 eP 06 15 47, D 16.9
JUN25	07 24 50 N. Sumatra 4.36 N 96.42 E, 33km, m 5.2 ISC
PRU	eP 07 37 03.7 (1.8s 33mu), eS 47 12, e 48 06, eL 08 04, Lm 15

KHC	(LH: 19s 0.8u), m 5.1, M 5.1, D 81.5 eiP 07 37 07 (1.8s 37mu), ei 37 52.5, D 82.1
JUN25 PRU KHC	09 00 Explosion of 4.4 Tons: Czechoslovakia 49.31 N 16.44 E PRU eiPg 09 00 57.7, eiSg 01 17, D 1.4 ePg 01 01 06, eiSg 01 32, D 1.9
JUN25 PRU PRA KHC	10 00 Explosion of 8 Tons: Czechoslovakia 50.61 N 14.16 E PRU eiPg 10 00 13.5, ei 00 25, ei 00 32, D 0.67 e 10 00 26, D 0.57 ePg 10 00 28.5, eiSg 00 50, D 1.5
JUN25 PRU KHC	Near shock ePg 11 45 43, eSg 46 11, (D 2.2) eiPg 11 46 28, ei 46 46.5
JUN25 PRU	Near shock eiPg 12 00 37.7, eiSg 01 03.2, (D 2.0)
JUN25 PRU	Near shock iPg 12 40 41.2, eiSg 40 57.2, (D 1.2)
JUN25 KHC	Explosion of 2.8 Tons: Czechoslovakia 49.25 N 13.51 E PRU eiPg 03 05 50, eiSg 05 52.5, (D 0.15)
JUN25 KHC PRU	Near shock eiPg 13 12 02, eiSg 12 20.5, (D 1.3) ei 13 12 30, ei 12 52.2
JUN25 PRU KHC	Near shock eiPg 15 26 11.2, eiSg 26 34.2, (D 1.7) e 15 26 23, eiSg 26 44.5
JUN25 PRU	Near shock eiPg 15 30 57, eiSg 31 19, (D 1.6)
JUN26 KHC PRU PRA	02 31 03 Galapagos Isl. 2.08 N 90.52 W, 70km, m 5.0 ISC ePP 02 48 32, ei 48 43, D 97.6 ePP 02 48 41, eSKS 55 14, e 57 35, e 03 03 05, eL 11, Lm 22.5 (LH: 22s 1.5u), M 5.4, D 98.1 Lm 03 24, D 98.0

JUN26 PRU	Near shock eiPg 12 31 03.7, eiSg 31 20.7, (D 1.3)
JUN26 KHC	Near shock ePg 13 27 55, eiSg 28 17, (D 1.6)
JUN26 PRU KHC	Unidentified shock eiP 14 08 05.2, ei 08 22 eiP 14 08 06
JUN26 PRU KHC	15 46 34.2 E. Russia-N.E. China 42.40 N 131.0 E, 542km, m 4.6 ISC eP 15 57 07.7, D 72.6 eiP 15 57 13.5, D 73.6
JUN26 PRU	Near shock eiPg 19 30 39.7, eiSg 31 02, (D 1.6)
JUN27 PRA PRU KHC	02 15 49.5 Japan 42.28 N 143.09 E, 68km, m 4.9 ISC eP 02 27 40, D 77.7 eiPC. 02 27 40.2 (1.2s 50mu), eipP 28 02.7, ePP 30 30, eS 37 28, eL 55, Lm 03 05.5 (LN: 17s 0.7u), m 5.3, (M 5.0), D 77.7 eiPC. 02 27 46.5 (1.1s 32mu), eiPcP 27 55, m 5.2, D 78.7
JUN27 PRU KHC	07 41 27 New Hebrides 14.68 S 167.70 E, 28km, m 5.3 ISC ePKIKP 08 00 46, ePP 03 35, D 138.6 ePKIKP 08 00 47, ePP 03 42, D 139.6
JUN27 KHC PRU	09 00 33.4 S. Atlantic Ridge 20.98 S 11.59 W, 33km, m 4.8 ISC eP 09 12 02 (1.6s 25mu), m 5.1, D 73.3 eiP 09 12 09.2 (1.7s 32mu), m 5.1, D 74.4
JUN27 PRU KHC	12 09 50.7 Samoa 16.66 S 172.57 W, 33km, m 4.6 ISC eiPKPD. 12 29 30.7, D 146.3 eiPKP 12 29 33.2, ei 29 46, D 147.2
JUN27 PRU KHC	Near shock eiPg 14 44 28.2, ei 44 36.2 ePg 14 44 46.5, eiSg 45 08, (D 1.6)
JUN27	15 05 00.91 Explosion of 12 Tons: Germany 50.54 N 10.03 E HAN

KHC PRU	e 15 05 52, eiSg 06 25, D 2.7 ePg 15 05 57, eiSg 06 36.5, D 3.0
JUN27 KHC	15 11 08 W. of Macquarie Isl. 53.03 S 140.5 E, 72km ISC ePKP 15 30 44, D 147.1
JUN27 PRU KHC PRA	15 31 09.8 Fiji 19.94 S 178.19 W, 585km, m 4.9 ISC ePKIKP 15 49 47, iPKHKP 49 52.5, eiPKP2 49 57.7, D 148.4 eiPKIKPC. 15 49 49, iPKHKP 49 54.2, eiPKP2 50 02.2, eiPP 52 02, D 149.4 ePKHKP 15 49 52, D 148.3
JUN27 PRU KHC	21 29 26.1 Japan 37.03 N 141.61 E, 49km, m 4.3 ISC eP 21 41 40, D 81.6 eiP 21 41 46, D 82.6
JUN28 KHC PRU	04 34 42.0 Central America 12.75 N 89.40 W, 64km, m 5.1 ISC eP 04 47 27, eiPP 51 05, D 88.8 ePP 04 51 05, D 89.1
JUN28 KHC	Unidentified shock eP 10 47 31, ei 47 55.5, ei 48 34
JUN28 PRU KHC	14 22 13.7 Philippines 6.78 N 126.71 E, 103km, m 5.3 ISC eiP 14 35 43.2, D 98.8 eP 14 35 48, D 99.7
JUN28 PRU KHC	17 43 11 Ryukyu Isl. 29.5 N 129.3 E, 54km, m 4.7 ISC eP 17 55 28.5, D 82.0 eP 17 55 31, D 83.1
JUN28 PRA PRU KHC	21 24 55 Loyalty Isl. 22.20 S 170.50 E, 63km, m 4.8 ISC ePKP 21 44 30, D 146.4 ePKPC. 21 44 30.2, D 146.4 eiPKP 21 44 33, D 147.5
JUN28 KHC	22 32 13 Persia 32.38 N 56.26 E, 9km, m 4.5 ISC eP 22 39 12, ei 39 21, D 35.9
JUN29 KHC	07 57 10.4 Fiji 17.71 S 178.60 W, 575km, m 5.2 ISC eiPKP 08 15 47, ei 15 50.5, D 147.1

PRU	eiPKPD. 08 15 48.3, D 146.1
JUN29 PRU PRA KHC	10 34 06.2 Kermadec Isl. 30.61 S 178.10 W, 40km, m 5.7 ISC eiPKIKPC. 10 53 58.2, ei 54 12, eiPKP2 54 32, eiPP 58 10, ei 11 08 28, Lm 57.5 (LN: 25s 1.4u), (M 5.6), D 158.4 ePKIKP 10 53 59 (PKPV: 6s 0.7u), ePKP2 54 32 (PKPV: 6s 0.8u), ePP 58 10, D 158.4 ePKIKP 10 53 59.5, eiPKP2 54 32, eiPP 58 33, D 159.5
JUN29 PRU KHC	11 23 08.5 S. of Fiji 23.92 S 179.83 E, 514km, m 4.5 ISC eiPKP 11 42 04, epPKP2 4412, D 151.6 eiPKP 11 42 06, epPKP2 44 12, ei 44 23, D 152.6
JUN29 PRU PRA KHC	17 09 11 Balleny Isl. 62.74 S 166.3 E, 14km, m 5.4 ISC e 17 29 16, eiPKP2 29 51, ePP 33 35, eL 18 29, Lm 49 (LN: 23s 4.4u), (M 6.2), D 160.0 e 17 29 17, ePKP2 29 51, Lm 18 49 (LN: 21s 4.1u, LV: 20s 4.9u), (M 6.1), D 160.2 e 17 29 22.5, eiPKP2 29 48.2, D 159.8
JUN29 PRU KHC	18 01 48 Balleny Isl. 62.52 S 166.3 E, 2km, m 5.1 ISC ePKP2 18 22 28m D 160.1 ePKP2 18 22 32, D 159.9
JUN30 KHC	06 12 26 N. Atlantic Ocean 36.0 N 10.5 W, 33km SPGM eP 0617 19.5, D 22.0
JUN30 PRU KHC	08 51 54 E. India 26.93 N 92.71 E, 44km, m 5.0 ISC eiPC. 09 02 15 (1.3s 18mu), m 5.1, D 62.5 eiPC. 09 02 20 (1.4s 13mu), m 4.9, D 63.2
JUN30 PRU KHC	09 39 27.5 Kurile Isl. 45.63 N 151.38 E, 52km, m 4.7 ISC eP 09 51 19 (0.8s 14mu), m 4.9, D 77.7 eiP 09 51 25.5 (1.0s 22mu), m 5.0, D 78.7
JUN30 PRU KHC	Near shock e 13 30 18 eiPg 13 30 20, eiSg 30 37, (D 1.3)
JUN30 PRU KHC	Near shock eiPg 13 47 05.7, eSg 47 32.7, (D 2.0) e 13 47 38, eiSg 47 53

JUN30	Near shock
PRU	eiPg 16 51 27, eiSg 51 43, (D 1.3)
JUN30	18 36 25.3 N. Atlantic Ocean 20.03 N 64.14 W, 25km, m 5.1 ISC
KHC	eiPD. 18 47 19.0 (1.5s 18mu), eipP 47 28, m 5.1, D 67.0
PRU	eiPD. 18 47 23 (1.5s 34mu), m 5.4, D 67.7

JUL01	06 00 53.9 S. Persia 28.23 N 55.36 E, 81km, m 4.6 ISC
PRU	eP 06 08 04, D 37.8
KHC	eiP 06 08 07 (1.0s 22mu), ei 08 12, m 5.0, D 38.1
JUL01	Near shock
PRU	eiPg 13 02 31, eiSg 02 49.5, (D 1.4)
JUL01	18 22 53.6 Tonga 15.90 S 174.99 W, 275km, m 4.9 ISC
PRU	ePKP 18 42 00, D 145.1
KHC	eiPKP 18 42 03, eipPKP 43 13.5, D 146.1
JUL02	00 10 25.9 Ascension Isl. 6.82 S 11.65 W, 15km, m 4.8 ISC
KHC	eP 00 20 32, ei 20 38.5, D 59.9
PRU	eP 00 20 40, ei 20 48, D 61.0
JUL02	00 28 18 Ascension Isl. 6.9 S 11.7 W, 41km, m 4.6 ISC
KHC	eP 00 38 20.5, ei 40 18, D 60.0
PRU	eP 00 38 27, ei 38 37, D 61.1
JUL02	07 55 47 Italy 42.1 N 11.5 E, 33km, m 4.4 ISC
KHC	eiPn 07 57 38.5, eiPg 58 18, ei(Sn) 58 53, D 7.2
PRU	ePn 07 57 41, e 57 49.7, ei 58 55, eiSg 08 00 18, D 8.2
PRA	e 08 00 17, D 8.2
JUL02	08 02 57 Tyrrhenian Sea 42.0 N 11.8 E, 33km ISC
KHC	ePn 08 04 41, ei 04 48, D 7.3
PRU	ePn 08 05 02, e 06 07.7, eiSg 07 30, D 8.2
PRA	e 08 07 40, D 8.2
JUL02	09 59 53 Burma 20.90 N 99.57 E, 28km, m 4.9 ISC
PRU	eiPC. 10 11 10.7 (1.3s 17mu), ei 11 14.2, m 5.0, D 71.1
PRA	eP 10 11 11, D 71.2
KHC	eiPC. 10 11 15 (1.3s 7mu), m 4.6, D 71.9
JUL02	10 31 21 S. Italy 39.51 N 16.64 E, 17km ISC
KHC	eiPn 10 33 43.5, ei 35 31, D 9.9
PRU	eP 10 34 02, e 34 47, eS 36 02, D 10.6
PRA	e 10 37 12, D 10.7
JUL02	Explosion of 4.5 Tons: Czechoslovakia 49.30 N 13.67 E PRU
KHC	eiPg 13 01 33, D 0.20
PRU	eSg 13 02 01, D 0.90

JUL02	Near shock
PRU	iPg 13 55 39, ei 55 54, eiSg 55 56, (D 1.3)
JUL02	Explosion of 4 Tons: Czechoslovakia 49.46 N 13.37 E PRU
KHC	eiPg 14 10 53.5, eiSg 10 58.5, D 0.35
PRU	e 14 11 04, eiSg 11 15, D 0.93
JUL02	Near shock
KHC	ePg 14 20 22, eiSg 20 39, (D 1.3)
JUL02	17 27 21 Kermadec Isl. 28.36 S 176.49 W, 47km, m 4.8 ISC
PRU	ePKP2 17 47 43, D 156.8
KHC	ePKP2 17 47 46, D 157.9
JUL02	19 43 34.0 N. Italy 44.95 N 7.2 E, Okm ISC
KHC	e 19 45 15, eSg 46 49, D 6.0
JUL03	Near shock
PRU	ePg 09 11 05, eiSg 11 23, (D 1.4)
JUL03	09 42 02 Greece 38.41 N 22.05 E, 28km, m 4.5 ISC
KHC	eiP 09 44 57, ei 45 08, e 49 11, D 12.3
PRU	eP 09 45 02, ei 45 14.5, eiS 47 21, eL 49.5, Lm 50 30 (LH: 11s 1.9u, LV: 10s 0.9u), M 4.3, D 12.8
PRA	e 09 45 17, Lm 09 50.5 (LH: 10s 1.8u, LV: 9s 1.6u), M 4.4, D 12.9
JUL03	09 58 Explosion of 14 Tons: Czechoslovakia 50.29 N 12.59 E PRU
PRU	iPgC. 09 59 14.7, iSg 09 59 33.7, D 1.3
KHC	eiPg 09 59 15.5, eiSg 59 33, ei 59 35, D 1.3
JUL03	Near shock
PRU	eiPg 13 12 21.7, eSg 12 47, (D 1.9)
KHC	ePg 13 12 29, ei 12 56
JUL03	13 43 23.8 Tonga 16.80 S 173.60 W, 61km, m 4.5 ISC
PRU	ePKP 14 02 59.7, ei 03 24, D 146.2
KHC	eiPKP 14 03 02.5, ei 03 29.5, D 147.2
JUL03	Near shock

KHC	ePg 16 37 44.5, eiSg 38 06.5, (D 1.6)
JUL03	16 59 10.4 Mexico 16.88 N 98.40 W, 49km, m 5.2 ISC
KHC	eiPC. 17 12 10.5 (1.5s 10mu), eipP 12 19, m 4.9, D 91.0
PRU	eiPC. 17 12 11.2 (1.0s 15mu), ePP 15 47, m 5.3, D 91.2
JUL03	18 01 48.7 Aleutian Isl. 51.76 N 178.04 E, 86km, m 5.1 ISC
PRU	eiP 18 13 37.6, D 77.7
KHC	eiPC. 18 13 43 (1.7s 24mu), eipP 14 11.5, m 4.8, D 78.6
JUL03	Near shock
PRU	iPg 20 50 26.3, iSg 50 43.3, (D 1.3)
KHC	eiPg 20 50 31, eiSg 50 53, (D 1.6)
JUL04	02 46 57.3 E. Kazakhstan 49.76 N 78.20 E, Okm, m 5.2 ISC
PRU	eiPC. 02 54 34.6 (1.0s 21mu), ePP 56 06, m 4.7, D 39.9
KHC	iPC. 02 54 42.5 (1.0s 22mu), ei 55 23.5, eiPP 56 14, m 4.8, D 40.8
JUL04	06 49 34.7, Fiji 20.07 S 178.57 W, 650km, m 4.8 ISC
PRU	ePKIKP 07 08 07, iPKHKP 08 11.4, iPKP2 08 17.2, epPKP 10 35, D 148.4
KHC	eiPKIKPD. 07 08 08, eiPKHKP 08 14.5, eiPKP2 08 21, D 149.4
PRA	ePKHKP 07 08 12, D 148.3
JUL04	10 13 52 Dodecanese Isl. 35.32 N 27.89 E, 30km, m 4.7 ISC
KHC	eiP 10 17 53, D 17.4
PRU	eP 10 17 56.6, D 17.6
JUL04	Near shock
KHC	ePg 10 39 37, ei 39 41.3, eiSg 40 11.5, (D 2.6)
PRU	eiPg 10 39 29, e 39 53
JUL04	11 15 59 S. of Panama 7.55 N 82.65 W, 12km, m 5.2 ISC
KHC	eiPC. 11 28 52.3 (1.7s 36mu), ei 29 02, m 5.4, D 88.4
PRU	eiP 11 28 54.5 (2.0s 39mu), m 5.3, D 88.9
JUL04	Near shock
PRU	eiPg 12 11 25, eiSg 11 38, (D 1.0)
KHC	eiPg 12 11 29, eiSg 11 44, (D 1.1)
JUL04	Near shock

KHC	eiPg 12 41 59, eiSg 42 16, (D 1.3)
JUL04	14 43 39 New Mexico 36.1 N 106.2 W, 73km ISC
PRU	eP 14 55 28, D 79.6
JUL04	Unidentified shock
PRU	eiP 18 56 56
KHC	eP 18 56 58.5
JUL04	22 54 19.6 W. of Macquarie Isl. 55.73 S 147.2 E, 33km, m 4.9 ISC
PRU	ePKHKP 23 14 09, eiPKP2 14 24, eL 00 16, Lm 28 (LH: 22s 1.1u), M 5.6, D 151.3
KHC	eiPKHKP 23 14 12.5, i 14 17, D 151.4
JUL05	01 32 52.5 Tonga 19.41 S 175.70 W, 207km, m 4.5 ISC
KHC	eiPKIKP 01 52 13.5, eiPKHKP 52 18, eipPKP2 53 16, D 149.4
PRU	eiPKHKP 01 52 15.2, eipPKP2 53 17, D 148.4
JUL05	01 43 57 W. New Guinea 3.82 S 131.38 E, 9km, m 5.6 ISC
KHC	eiPKIKP 02 02 33, D 110.8
PRU	ePKIKP 02 02 37, D 110.0
JUL05	04 55 33.7 N. Peru 5.59 S 77.15 W, 35km, m 5.2 ISC
KHC	eP 05 08 51, e 11 44, D 94.7
PRU	eP 05 08 57, eiPP 12 46, D 95.3
JUL05	06 08 39.5 Fiji 21.26 S 178.69 W, 469km, m 4.7 ISC
PRU	ePKIKP 06 27 29, iPKHKP 27 35.0, ePKP2 27 43, D 149.5
KHC	eiPKIKPC. 06 27 31.7, iPKHKP 27 38.0, eiPKP2 27 47m eipPKP 29 40, D 150.5
JUL05	Near shock
PRU	iPg 09 25 47.2, iSg 26 03.7, (D 1.3)
JUL05	Probably explosion
PRU	iPg 09 30 11.7, iSg 30 13.2, (D 0.11)
KHC	eiPg 09 30 30, eSg 30 42, (D 0.93)
JUL05	Near shock

KHC	eiPg 10 18 47.5, eiSg 19 06.5, (D 1.4)
JUL05	Near shock
PRU	iPg 10 58 06, eiSg 58 30, (D 1.8)
JUL05	11 12 43 Marianas 18.60 N 147.10 E, 42km, m 4.9 ISC
PRU	ePP 11 30 32, D 99.9
KHC	ePP 11 30 37.5, ei 30 40, D 101.0
JUL05	15 22 46.6 E. of Kamchatka 53.96 N 160.55 E, 62km, m 4.6 ISC
PRU	eP 15 34 09.5, D 72.6
KHC	eiP 15 34 15.4 (1.5s 18mu), eisP 34 51.5, m 4.8, D 73.6
JUL05	Near shock
PRU	iPg 17 12 06.6, ei 12 24, eiSg 12 33, (D 2.0)
KHC	e 17 12 20, ei 12 28, e 12 49, eSg 13 07
JUL06	10 50 31.1 S. of Fiji 25.52 S 179.67 E, 533km, m 4.7 ISC
PRU	eiPKP2 11 09 42.7, eipPKP2 11 38.7, D 153.0
KHC	eiPKP2 11 09 47.2, eipPKP2 11 37, D 154.1
JUL06	11 35 54.3 Ryukyu Isl. 26.42 N 128.64 E, 58km, m 4.9 ISC
PRU	eiP 11 48 21, D 84.2
KHC	eP 11 48 26.5, D 85.2
JUL06	Near shock
KHC	e 12 53 59, ei 54 42.8, eiSg 54 57
PRU	e 12 54 04, e 54 29, e 55 07, eiSg 55 30
PRA	e 12 55 37
JUL06	14 28 22.1 Tonga 15.24 S 173.16 W, 33km, m 4.9 ISC
PRU	eiPKP 14 47 56.2, ei 49 03, D 144.8
KHC	eiPKP 14 47 59.5, D 148.5
JUL06	14 31 16.9 Tonga 15.36 S 173.27 W, 34km, m 5.2 ISC
PRU	eiPKPD. 14 50 51.5, ei 51 10, D 144.9
PRA	ePKP 14 50 53, D 144.8
KHC	eiPKP 14 50 54, D 145.9
JUL07	04 43 14.9 Marianas 16.43 N 147.36 E, 33km, m 5.7 ISC
PRU	eP 04 57 07, eiPP 05 01 23, eL 31, Lm 46.3 (LN: 17s 1.7u),

KHC PRA	(M 5.6), D 101.9 eP 04 57 10.5, eiPP 05 01 20.6, ei 01 32, D 103.0 ePP 05 01 29, Lm 05 46 (LH: 19s 2.3u, LV: 19s 1.7u), M 5.7, D 101.9
JUL07	17 38 20 Germany 48.8 N 8.8 E, Okm ISC
KHC PRU	eiPn 17 39 06.2, eiPg 39 18, eiSg 39 55, D 3.1 eiPg 17 39 30.6, eSg 40 20, D 3.9
JUL07	18 12 27.0 Albania 40.49 N 19.78 E, 42km, ISC
KHC PRU	eiP 18 14 45.5, D 9.7 eP 18 14 52, D 10.2
JUL07	18 28 19 Germany 48.9 N 8.9 E, Okm ISC
KHC PRU	ePn 18 29 03, ei 29 34, eiSg 29 50.1, D 3.1 eSn 18 30 03, ei 30 12, D 3.8
JUL07	Near shock
PRU	ePn 20 45 19.7, eiPg 45 23, ei 45 39.5, eiSg 45 51, (D 2.0)
JUL07	Near shock
PRU KHC	eiPg 21 15 51, iSg 16 17.2, (D 2.0) e 21 16 12, eiSg 16 51
JUL07	21 43 19.5 Japan 42.15 N 142.5 E, 79km, m 4.5 ISC
KHC	eiP 21 55 06, D 78.6
JUL08	04 06 42 Molucca Passage 2.03 N 126.62 E, 32km, m 5.4 ISC
PRU KHC	eP 04 20 37, ei 20 39.7, ePP 24 50, D 102.5 eiP 04 20 44, ei 22 19, ei 23 48.7, eiPP 24 57, D 103.3
JUL08	07 10 27 S. of Kermadec Isl. 34.15 S 178.82 W, 55km ISC
KHC PRA PRU	eiPKIKP 07 30 22.5, eiPKP2 31 10.4, D 162.4 ePKP2 07 31 04, D 161.3 eiPKP2 07 31 06, D 161.4
JUL08	08 09 13 Ionian Sea 37.50 N 20.31 E, Okm, m 5.5 ISC
KHC PRU PRA	eiP 08 12 12.4, i 12 25.4, i 13 16.6, ei 16 04.8, D 12.6 iPC.N. 08 12 20.2, ei 12 36, i 12 51, ei 15 12, eL 16 40, Lm 18 24 (LN: 13s 21u, LV: 13s 10.0u), (M 5.3), D 13.2 eP 08 12 23, e 12 39, eS 14 45, Lm 18.5 (LH: 11s 28u, LV: 12s 27u), M 5.6, D 13.3

JUL08	Near shock
PRU	eiPg 17 05 38, ei 05 56.2, eiSg 06 04.5, (D 2.0)
JUL08	Near shock
PRU	eiPg 19 18 36, eiSg 18 52.7, (D 1.3)
JUL08	Near shock
PRU KHC	iPg 21 05 26.8, eiSg 05 44.2, (D 1.4) eiPg 21 05 32.5, eSg 05 53.5, (D 1.6)
JUL09	01 55 39 Aleutian Isl. 51.68 N 174.79 E, 11km, m 5.1 ISC
PRA PRU KHC	eP 02 07 34, D 77.3 eiPC. 02 07 34.5 (1.2s 35mu), eiPcP 07 46, eS 17 24, eL 36, Lm 48 (LN: 15s 1u), m 5.4, (M 5.2), D 77.3 02 07 40.6 (1.1s 51mu), ei 07 49, m 5.6, D 78.3
JUL09	03 02 56 S. of Kermadec Isl. 33.96 S 178.75 W, 19km, m 5.1 ISC
PRU KHC PRA	ePKIKP 03 22 57, eiPKP2 23 39, e 34 14, D 161.2 eiPKIKP 03 22 56.7, eiPKP2 23 44, D 162.3 ePKP2 03 23 37, D 161.2
JUL09	05 29 46.9 S. of Kermadec Isl. 33.95 S 178.6 W, 33km ISC
PRU KHC	eiPKP2. 05 50 27.5, D 161.3 ePKP2 05 50 32.5, D 162.3
JUL09	06 19 06.8 Japan 44.00 N 141.12 E, 213km, m 4.5 ISC
PRU KHC	eiPD. 06 30 29.6, D 75.5 eiP 06 30 35.6, D 76.5
JUL09	08 12 20 Kurile Isl. 44.37 N 149.85 E, 25km, m 4.5 ISC
PRU KHC	eP 08 24 19, D 78.3 eiP 08 24 25.2, D 79.3
JUL09	Explosion of 2.9 Tons: Czechoslovakia 49.25 N 13.63 E PRU
KHC	e 10 59 59, eiSg 11 00 01, D 0.15
JUL09	12 31 Explosion of 5.5 Tons: Czechoslovakia 49.28 N 14.18 E PRU
KHC PRU	eiPg 12 31 24, iSg 31 30.5, D 0.42 iPg 12 31 29.7, i 31 40, ei 31 46, D 0.75
JUL09	Near shock

PRU KHC	ePg 12 42 14, eiSg 42 39, (D 1.9) e 12 42 21, ei 42 49, eiSg 42 54.7
JUL09	17 27 54 Albania 40.52 N 19.81 E, 4km ISC
KHC PRU	eiP 17 30 16, ei 30 27, D 9.7 eP 17 30 21, e 31 15, D 10.2
JUL09	22 52 08 Flores Isl. 8.80 S 123.98 E, 12km, m 5.1 ISC
PRU KHC	ePKIKP 23 10 38, ePP 11 11, e 13 47, D 109.2 eiPKIKP 23 10 43.5, eiPP 11 12.2, D 109.9
JUL10	08 55 Explosion of 3.9 Tons: Czechoslovakia 49.31 N 16.44 E PRU
PRU KHC	ePg 08 56 16, eiSg 56 36, D 1.4 e 08 56 26, eiSg 56 50, D 1.9
JUL10	Explosion of 5.9 Tons: Germany 51.37 N 12.89 E CLL
PRU KHC	ePg 14 20 29, eiSg 20 50.5, D 1.7 e 14 20 40.5, eiSg 21 03.5, D 2.3
JUL10	Near shock
PRU	eiPg 16 18 48, eiSg 19 04.5, (D 1.3)
JUL10	Near shock
PRU	eiPn 17 44 28, eiPg 44 29, eiSg 44 53.5, (D 2.0)
JUL10	Near shock
PRU	eiPg 18 14 33, e 14 52, eiSg 14 57.5, (D 1.9)
JUL10	19 13 23.8 Kurile Isl. 49.20 N 155.45 E, 60km, m 5.1 ISC
PRU KHC	eiP 19 25 03.5, D 75.7 eiP 19 25 10 (1.0s 15mu), m 4.9, D 76.7
JUL10	Near shock
PRU KHC	iPg 20 25 26.2, iSg 25 43.2, (D 1.3) eiPg 20 25 32, eiSg 25 53.5, (D 1.6)
JUL11	01 45 26 E. Mediterranean Sea 35.32 N 28.1 E, 40km, m 4.5 ISC
KHC PRU	eiP 01 49 24.7, D 17.4 eP 01 49 31, D 17.7

JUL11	Near shock
PRU	eiPg 07 59 50, iSg 08 00 07, (D 1.3)
JUL11	09 01 Explosion of 10.6 Tons: Czechoslovakia 50.42 N 13.83 E PRU
PRU KHC	eiPg 09 01 11.7, ei 01 18.7, eiSg 01 21, ei 01 24.2, D 0.63 eiPg 09 01 25, eiSg 01 42.7, D 1.3
JUL11	Near shock
PRU	eiPg 15 22 34, eiSg 22 58.5, (D 1.8)
JUL11	Near shock
PRU	eiPg 15 56 25, eiSg 56 41.5, (D 1.3)
JUL11	Near shock
KHC PRU	ePg 17 19 47.5, eiSg 20 12, (D 1.8) eSg 17 20 46
JUL12	03 05 42 S.W. Russia 45.02 N 37.17 E, 19km, m 4.7 ISC
PRU KHC	eP 03 09 26, D 16.1 eiP 03 09 39, D 16.6
JUL12	05 57 11 Chagos Archipelago 6.03 S 71.35 E, 36km, m 5.2 ISC
PRU KHC PRA	eiPD. 06 08 45.7 (1.5s 24mu), m 5.0, D 74.2 eiP 06 08 46.2 (1.2s 31mu), m 5.2, D 74.4 eP 06 08 50, D 74.3
JUL12	13 00 37.0 Kurile Isl. 46.40 N 153.30 E, 12km, m 5.5 ISC
PRA PRU KHC	eP 13 12 34 (PV: 6s 1.5u), e 19 15, eS 22 25, e 24 27, Lm 50.5 (LH: 15.5s 7.1u, LV: 17s 5.3u), M 6.0, MPV 6.3, D 77.5 eiPC. 13 12 34 (0.7s 75mu, PN: 6s 0.5u, PV: 6s 0.6u), eiPcP 12 43.7, eiS 22 22 (SN: 8s 0.5u), e 27 24, eL 41, Lm 50.5 (LN: 18s 4.7u), m 5.9, (M 5.9), (MPH 6.2), MPV 5.9, (MSH 5.7), D 77.6 iPC. 13 12 40.0 (0.8s 136mu), i 12 51.6, ei 13 03.5, m 6.0, D 78.6
JUL12	13 16 54.7 S. of Fiji 26.05 S 178.39 E, 594km, m 4.9 ISC
KHC PRU PRA	eiPKIKP 13 35 40, ei 35 51.5, ei 36 18, eipPKP2 38 13, D 154.1 eiPKHKPD. 13 35 46.2, eiPKP2 35 58.7, epPKP2 38 10, D 153.0 esPKP2 13 38 38, D 153.0
JUL12	15 10 44.5 Kurile Isl. 46.58 N 153.0 E, 10km, m 4.3 ISC

KHC	eiP 15 22 47.8, D 78.4
JUL12	19 16 28.1 Japan 39.82 N 143.64 E, 5km, m 5.2 ISC
PRA	eP 19 28 39, ePP 31 45, eS 38 42, Lm 20 08.5 (LH: 14.5s 8.9u, LV: 14s 7.3u), m 6.1, M 6.2, D 80.0
PRU	eiPC. 19 28 40 (1.1s 32mu), eipP 28 50, ePP 31 40, eiS 38 42 (8s 0.6u), eL 59, Lm 20 07.7 (LN: 16s 7.7u, LV: 15s 3.2u), m 5.2, (M6.2), D 80.0
KHC	iPC. 19 28 45.9 (1.1s 32mu), eipP 28 55.5, eiPP 31 46.5, m 5.3, D 81.1
JUL12	20 10 20 Tonga 15.34 S 173.78 W, 72km ISC
KHC	eiPKP 20 29 52.5, D 145.8
JUL13	05 41 24 Kurile Isl. 43.25 N 147.58 E, 25km, m 3.8 ISC
PRU	eP 05 53 25, D 78.5
KHC	eP 05 53 31, D 79.6
JUL13	22 18 54 Loyalty Isl. 22.06 S 170.2 E, 22km ISC
PRU	eiPKP 22 38 36, D 146.2
PRA	ePKP 22 38 37, D 146.1
KHC	eiPKIKP 22 38 40, D 147.2
JUL14	Near shock
PRU	eiPg 10 28 30.7, eiSg 28 47.5, (D 1.3)
JUL14	11 33 22 Kurile Isl. 47.7 N 152.5 E, 74km, m 4.1 ISC
KHC	eiP 11 45 09.3, D 77.2
JUL14	14 15 38.9 Kurile Isl. 44.16 N 149.62 E, 25km, m 4.3 ISC
PRU	eP 14 27 39, D 78.4
KHC	eiP 14 27 44.5, D 79.4
JUL14	Near shock
PRU	eiPg 14 40 26, eiSg 40 53, (D 2.1)
KHC	e 14 40 41.5, eiSg 40 46
JUL14	15 55 54.5 Japan 39.91 N 143.56 E, 34km, m 4.5 ISC
PRU	eP 16 08 02.6, D 79.9
KHC	eiP 16 08 07, D 81.0
PRA	Lm 16 48, D 79.9

JUL14	20 01 34.5 Japan 40 33 N 143.51 E, 38km, m 4.5 ISC
PRU	eP 20 13 39 (1.0s 15mu), m 4.9, D 79.5
KHC	eiP 20 13 44.7 (1.0s 11mu), m 4.8, D 80.6
JUL15	03 13 28.6 Colombia 39.54 N 76.15 W, 168km, m 4.3 ISC
KHC	eiP 03 25 58, D 87.2
JUL15	04 11 45.8 Fiji 19.78 S 178.13 W, 608km, m 4.0 ISC
PRU	eiPKHKPD. 04 30 25.7, D 148.2
KHC	eiPKHKPD. 04 30 28.1, D 149.2
JUL15	Near shock
PRU	eiPg 08 08 47.2, eiSg 09 03, (D 1.2)
JUL15	Near shock
PRU	eiPg 09 51 34.5, eiSg 51 51, (D 1.3)
JUL15	Near shock
KHC	ePg 10 08 33.5, eiSg 08 52.4, (D 1.4)
JUL15	Near shock
PRU	ePn 13 55 44, eiPg 55 47.6, eiSn 56 04, eiSg 56 15, (D 2.1)
JUL15	Near shock
PRU	eiPg 15 08 56.2, eiSg 09 23.2, (D 2.1)
KHC	e 15 09 09, eiSg 09 57
JUL15	Near shock
PRU	ePg 15 11 59, e 12 26, eiSg 12 28, (D 2.3)
KHC	e 15 12 06, eiSg 12 36
JUL15	Near shock
PRU	iPg 20 15 26.6, eiSg 15 43.6, (D 1.3)
JUL15	16 33 27 Uganda 3.62 N 31.44 E, 15km ISC
KHC	eiP 16 42 06 (0.8s 21mu), m 5.3, D 47.8
JUL15	19 37 58.3 Colombia 5.09 N 76.08 W, 133km, m 4.6 ISC

KHC	eiP 19 50 28, ei 50 55.2, D 86.0
JUL15	Near shock
PRU KHC	iPg 20 15 26.6, eiSg 15 43.6, (D 1.3) eiPg 20 15 32.2, eiSg 15 53, (D 1.5)
JUL15	21 35 58 N. Atlantic Ridge 14.47 N 45.12 W, 137km, m 4.3 ISC
KHC PRU	eP 21 45 43, D 58.8 eP 21 45 49, D 59.6
JUL16	04 47 38.1 Philippines 5.17 N 126.65 E, 84km, m 5.1 ISC
PRU KHC	eiP 05 01 16.7 (1.1s 16mu), m 5.6, D 100.0 eiP 05 01 20.7 (1.5s 14mu), m 5.4, D 100.9
JUL16	05 22 13.4 Mascarene Isl. 17.4 S 66.5 E, 36km, m 4.7 ISC
KHC PRU	eP 05 34 23, ei 34 42, D 81.2 eP 05 34 26, D 81.3
JUL16	08 16 50.4 Kamchatka 52.21 N 158.95 E, 44km, m 5.8 ISC
PRU PRA KHC	eiPC.S.W. 08 28 21 (1.2s 267mu), eipP 28 43, ei 29 25, eiS 37 48 (SH: 7s 11.lu), e 46 36, Lm 58 30 (LH: 22s 16u), m 6.1, MLH 6.3, MSH 6.0, D 73.8 eiP 08 28 22, esp 28 40, eS 37 46, Lm 09 00, MPV 6.6, D 73.8 eiPC. 08 28 27.8 (1.3s 621mu), ei 28 43.5, eisP 29 03.6, ei 32 07.6, m 6.5, D 74.8
JUL16	Near shock
KHC PRU	eiPg 08 59 42, eiSg 59 51, (D 0.7) iPg 08 59 45.7, eiSg 59 58.7, (D 1.0)
JUL16	Near shock
PRU	eiPg 11 59 14, eiSg 59 36, (D 1.6)
JUL16	12 39 23.7 New Ireland 4.77 S 153.42 E, 62km, m 5.0 ISC
PRU KHC	ePKIKP 12 58 14, e 58 31, D 123.2 eiPKIKPC. 12 58 17.2, ei 58 34.8, D 124.2
JUL16	14 55 00.0 Nuclear explosion "HUTCH": S.Nevada 38.01 N 116.01 W USAEC, m 5.5 ISC
PRU KHC	eiPC. 15 07 27 (1.5s 47mu), m 5.5, D 82.9 eiP 15 07 28.5 (1.2s 31mu), m 5.4, D 83.2
JUL16	Near shock

PRU	eiPg 19 23 03, ei 23 20.5, eiSg 23 30, (D 2.1)
JUL16	21 59 20.0 S. Atlantic Ridge 32.24 S 13.07 W, 33km, m 4.6 ISC
KHC PRU	eiP 22 11 50, D 84.4 eiP 22 11 57, D 85.5
JUL17	04 03 39 Aleutian Isl. 51.38 N 179.74 W, 54km, m 5.0 ISC
PRU KHC	eiP 04 15 34 (0.8s 14mu), m 4.9, D 78.3 eiP 04 15 40 (1.0s 14mu), m 4.9, D 79.2
JUL17	09 18 53 Fiji 21.2 S 178.8 W, 562km, m 4.6 ISC
PRU KHC	eiPKHKPD. 09 37 40, D 149.4 eiPKHKPD. 09 37 42.6, eiPKP2 37 52.2, D 150.5
JUL17	10 07 Explosion of 7.8 Tons: Czechoslovakia 49.84 N 14.83 E PRU
PRU KHC	iPg 10 07 52.7, iSg 07 55.7, Lm 07 58, D 0.2 eiPg 10 08 10, eiSg 08 25.2, D 1.1
JUL17	14 45 Explosion of 6.4 Tons: Germany 51.61 N 9.75 E HAN
PRU KHC	eiPg 14 46 07.7, eiSg 46 54.7, D 3.5 e 14 46 27, eiSg 46 57.5, D 3.5
JUL17	20 51 35 Alaska 64.10 N 147.37 W, 11km, m 4.8 ISC
PRU KHC	eP 21 02 18.6, D 65.4 eiP 21 02 24.2 (1.4s 16mu), m 5.1, D 66.1
JUL17	Near shock
PRU KHC	iPg 22 35 26.7, eiSg 35 43.7, (D 1.3) eiPg 22 35 32.4, eiSg 35 53, (D 1.6)
JUL17	22 23 55 Kermadec Isl. 29.2 S 178.3 W, 234km, m 4.3 ISC
PRU KHC	ePKP2 22 43 55, D 157.1 eiPKP2 22 44 00.5, D 158.1
JUL17	23 01 16 Greece 38.91 N 23.56 E, 0km ISC
KHC	eP 23 04 15.5, D 12.5
JUL18	00 00 48.3 N. Atlantic Ridge 29.74 N 42.94 W, 37km, m 4.9 ISC
KHC PRU	eiP 00 09 13.7, D 46.6 eP 00 09 19, D 47.3

JUL18	05 24 45 N.E. China 38.43 N 119.47 E, 6km, m 5.9 ISC
PRA	eP 05 35 56, eS 45 13 (SN: 10.5s 12u), Lm 06 07, (MSH 6.9), D 70.0
PRU	eiPC. 05 35 58.7 (PV1: 1.1s 33mu, PV2: 1.5s 274mu), ei 38 11, ePP 38 44, eiS 45 14, eiPPS 45 52, ei(SS) 50 01, m1 5.4, m2 6.2
KHC	M 7.3, D 70.0 iP 05 36 04.8 (PV1: 1s 33mu, PV2: 1.5s 274mu), i 36 09, m1 5.4, m2 6.2, D 71.0
JUL18	06 00 Explosion of 9.0 Tons: Czechoslovakia 48.73 N 14.11 E PRU
KHC	e 06 01 03, eiSg 01 10, D 0.53
PRU	eiPg 06 01 16, eiSg 01 32.5, D 1.3
JUL18	Near shock
PRU	iPg 08 59 31.2, eiSg 59 50.7, (D 1.5)
KHC	e 08 59 43, eiSg 09 00 13.5
JUL18	10 28 Explosion of 6.8 Tons: Czechoslovakia 49.95 N 14.38 E PRU
PRA	ePg 10 28 40, eSg 28 42, D 0.1
PRU	iPgC. 10 28 40.5, iSg 28 42, D 0.1
KHC	eiPg 10 28 58.5, iSg 28 13.8, D 1.0
JUL18	Near shock
PRU	e 10 42 03.7, ei 42 05.2, eiSg 42 15.2
KHC	eiPg 10 42 12, eiSg 42 28.6, (D 1.2)
JUL18	Near shock
PRU	eiPg 11 10 02, eiSg 10 15.7, (D 1.1)
JUL18	13 10 32.7 Mongolia 43.33 N 96.8 E, 33km, m 4.6 ISC
PRU	eP 13 19 59, D 54.2
KHC	eiP 13 20 03, D 55.1
JUL18	13 33 48.8 N.E. China 38.5 N 119.31 E, 26km, m 5.0 ISC
PRU	eP 13 44 59.5, ei 45 07.5, ei 45 29, eL 14 07, Lm 12.5 (LH: 25s 2.3u), M 5.4, D 70.2
KHC	eP 13 45 06, ei 45 33.6, D 71.2
PRA	Lm 14 17, D 70.2
JUL18	14 05 Explosion of 12.8 Tons: Austria 47.63 N 11.15 E HAN
KHC	e 14 05 38.5, eiPg 05 42, iSg 06 11.9, D 2.2
PRU	eiPn 14 05 52.5, eiPg 06 01.8, eiSg 06 46, D 3.3
JUL18	Near shock

PRU	eiPg 15 13 46.2, iSg 14 05.0, (D 1.4)
KHC	ePg 15 13 56, eiSg 14 20.5, (D 1.8)
JUL18	16 05 Explosion of 22.0 Tons: Germany 51.23 N 9.86 E BCIS
PRU	eiPn 16 05 56.2, eiPg 06 06.2, ei 06 28, eiSg 06 46.8, D 3.2
KHC	ePn 16 05 58, eiPg 06 04.5, eiSg 06 42.8, D 3.2
PRA	eSg 16 06 47, D 3.1
JUL18	20 46 44 Gibraltar 36.9 N 5.9 W, 0km, m 3.9 ISC
KHC	eiP 20 51 04, D 18.7
PRU	eP 20 51 15.8, D 19.7
JUL18	21 00 42 Ionian Sea 37.6 N 19.8 E, 0km ISC
KHC	eiP 21 03 36, ei 03 53.7, D 12.4
PRU	eP 21 03 47.7, D 13.0
JUL18	23 17 09 Bolivia 18.29 S 63.34 W, 8km, m 5.5 ISC
KHC	eiPC. 23 30 35.2 (2.0s 41mu), m 5.6, D 94.9
PRU	eiPC. 23 30 39.7 (1.6s 26mu), e 34 17, e 43 26, eL CO 06, Lm 10.5 (LH: 20s 0.7u), m 5.5, M 5.1, D 96.3
JUL19	01 52 15 N.E. China 38.8 N 119.44 E, 83km, m 4.8 ISC
PRU	eiPD. 02 03 17, D 69.7
KHC	eiP 02 03 23.5, D 70.7
JUL19	04 54 53.6 Peru 17.30 S 72.48 W, 54km, m 5.8 ISC
KHC	iPC. 05 08 36.1 (1.6s 100mu), ei 08 52, eiPP 12 37.5, m 6.1, D 100.4
PRU	eiPC. 05 08 39.7 (2.0s 125mu), ei 08 55, e 12 22, eiPP 12 45, eiSKS 19 18, eiSP 21 46, eL 38, Lm 48 (LH: 26s 11.6u, LV: 26s 4u), m 5.1, M 6.2, D 101.2
PRA	eP 05 08 40, e 08 58, ePP 12 50, eSKS 19 17, eSKKS 19 48, ePS 21 52, Lm 48 (LH: 28s 16u, LV: 25s 9.4u), D 101.1
JUL19	05 11 39.8 Fiji 21.56 S 179.26 W, 614km, m 4.9 ISC
KHC	eiPKIKP 05 30 18, eiPKHKP 30 24.7, eiPKP2 30 34.6, D 150.7
PRU	iPKHKPC. 05 30 22.0, eiPKP2 30 30, eipPKP2 32 46, D 149.6
PRA	ePKHKP 05 30 22, D 149.6
JUL19	Near shock
KHC	ePg 09 52 29, eiSg 52 46, (D 1.3)
JUL19	Near shock

PRU	eiPg 11 02 40.7, iSg 02 57.2, (D 1.3)
JUL19	17 56 24.2 Kermadec Isl. 27.59 S 176.36 W, 32km, m 5.0 ISC
KHC PRU	eiPKIKP 18 16 17.7, eiPKP2 16 48, eiPP 20 24, D 157.2 ePKHKP 18 16 25, eiPKP2 16 44, D 156.1
JUL20	04 34 14.9 China 39.78 N 77.91 E, 33km, m 4.9 ISC
PRU KHC PRA	eP 04 42 26, Lm 05 02.4 (LH: 14s 0.9u, LV: 14s 0.6u), M 4.9, D 44.8 eiP 04 42 33, D 45.6 Lm 05 02, D 44.8
JUL20	07 07 50.9 Hindu-Kush 36.52 N 70.99 E, 211km, m 4.6 ISC
PRU	eP 07 15 25, D 42.3
JUL20	Near shock
PRU KHC	ePn 09 58 33, eiPg 58 40, ei 59 02, eiSg 59 19, (D 3.0) ei 09 58 41.6, eiPg 58 50, eiSg 59 33.2, (D 3.3)
JUL20	10 46 10 Mid-Atlantic Ridge 7.1 N 34.3 W, 1km, m 4.7 ISC
KHC PRU	eP 10 56 01.5, D 58.0 eP 10 56 11, e 57 46, e 11 04.4, eL 08, Lm 14.7 (LN: 16s 0.7u), (M 4.8), D 59.0
JUL20	10 47 17 Fiji 23.4 S 178.6 W, m 4.7 ISC
KHC	ePKP2 11 07 15.5, ei 07 24.6, D 152.6
JUL20	15 51 56.5 Ionian Sea 37.94 N 20.41 E, 38km, m 4.5 ISC
KHC PRU PRA	eiP 15 54 47.3, ei 57 04, D 12.2 eiPC. 15 54 54, e 56 46, eL 59, Lm 16 00.6 (LH: 10s 0.8u), M 4.0, D 12.8 Lm 16 00, D 12.8
JUL20	19 49 41.9 Fiji 19 37 S 176.39 W, 15km, m 5.1 ISC
PRU PRA KHC	ePKIKP 20 09 27, eiPKHKP 09 32, e 11 50, eL 57, Lm 21 12.6 (LH: 21s 1.1u), M 5.5, D 148.2 ePKHKP 20 09 27, D 148.2 eiPKIKP 20 09 28, iPKHKP 09 35.8, eiPKP2 09 46.2, D 149.2
JUL20	20 04 46.9 New Hebrides 15.57 S 167.79 E, 199km, m 5.3 ISC
PRU KHC PRA	ePKIKP 20 23 46, ei 23 52, ePP 26 47, e 27 08, D 139.4 eiPKIKP 20 23 48, ei 23 56.5, ei 27 11, D 140.5 e 20 26 30, D 139.4

JUL20	20 52 26 Mozambique 23.4 S 35.1 E, 0km ISC
PRU KHC	eiP 21 04 12, D 75.3 eiP 21 04 14.7, D 74.7
JUL20	22 37 32 Persia 28.26 N 57.55 E, 71km, m 4.6 ISC
KHC	eiP 22 44 55.5, ei 45 08.7, D 39.5
JUL20	23 54 33.3 N.E. China 38.7 N 119.5 E, 33km, m 4.6 ISC
PRU	eP 00 05 39, e 05 57, D 69.8
JUL21	02 22 05 Fiji 19.4 S 176.2 W, 19km, m 4.8 ISC
PRU KHC	ePKIKP 02 41 49.5, D 148.3 ePKIKP 02 41 50, ei 42 02.6, D 149.3
JUL21	Near shock
KHC	ePg 05 05 13.5, eiSg 05 30, (D 1.3)
JUL21	07 10 17.9 N. Atlantic Ridge 21.07 N 45.77 W, 17km, m 4.6 ISC
KHC PRA PRU	eiP 07 19 45.5, ei 20 53, D 54.4 eP 07 19 50, e 20 59, D 55.1 eiP 07 19 52, ePcP 20 50, D 55.1
JUL21	Near shock
KHC	ePg 15 59 40, eiSg 59 57, (D 1.3)
JUL21	17 38 29.8 N. Atlantic Ridge 35.35 N 36.05 W, 33km, m 4.9 ISC
KHC PRU PRA	eP17 45 51, ei 46 30, ei 47 17.1, D 38.6 eP 17 45 55, eiS 51 59.5, eL 56, Lm 58 (LH: 18s 1.6u), M 4.8, D 39.2 eP 17 45 56, ePP47 22, eS 51 58 (SN: 9s 1.5u), eSS 54 55, Lm 18 00 (LH: 11.5s 1.5u, LV: 11s 1u), M 5.0, (MSH 5.9), D 39.1
JUL21	19 44 12.5 Japan 39.50 N 143.19 E, 22km, m 5.0 ISC
PRA PRU KHC	eP 19 56 22, D 80.1 eiPC. 19 56 22.2 (1.0s 23mu), eipP 56 32.2, eL 20 29, Lm 30.8 (LH: 14s 0.7u), m 5.1, M 5.2, D 80.1 eiP 19 56 27.7 (1.0s 22mu), m 5.1, D 81.2
JUL21	22 06 57.3 Celebes Sea 2.88 N 124.76 E, 226km, m 5.4 ISC
PRU PRA KHC	eiPD. 22 20 21.1, e 23 18, eiPP 24 33, D 100.7 eP 22 20 22, ePP 24 34, eSKS 30 39, D 100.7 iP 22 20 34.5, eiPP 24 38.5, D 101.5

JUL22	Near shock
KHC	eiPg 08 27 25, eiSg 27 42, (D 1.3)
JUL22	Near shock
KHC	ePg 10 38 59.5, eiSg 39 14, (D 1.1)
JUL22	Near shock
PRU	eiPg 10 48 03.7, eiSg 48 17.6, (D 1.1)
JUL22	10 52 41.6 Fiji 18.46 S 177.65 W, 593km, m 4.5 ISC
PRA	ePKHKP 11 11 18, D 147.0
PRU	eiPKIKP 11 11 19, D 147.1
KHC	eiPKIKP 11 11 22, ei 11 27.2, D 148.1
JUL22	Near shock
KHC	e 11 29 26.5, eiSg 29 33
PRU	eiPg 11 29 38, eiSg 29 53, (D 1.2)
JUL22	13 48 36.0 Tonga 18.19 S 172.43 W, 30km, m 5.3 ISC
KHC	eiPKIKP 14 08 18.2, iPKHKP 08 22.5, D 148.8
PRA	ePKHKP 14 08 19, D 147.7
PRU	eiPKHKPC. 14 08 20, e 08 45, D 147.8
JUL22	17 14 14.5 Santa Cruz Isl. 11.83 S 166.49 E, 159km, m 5.3 ISC
PRU	eiPKIKP 17 33 17, e PP 35 56, D 135.5
PRA	ePKIKP 17 33 17, ePP 35 56, D 135.5
KHC	eiPKIKPC. 17 33 19.5, eiPP 36 01.8, ei 36 42, D 136.6
JUL22	Unidentified shock
PRU	eiPC. 20 04 25.7
KHC	eiP 20 04 28.7, ei 04 40.1
JUL22	19 55 37 Fiji 26.06 S 177.35 W, 185km, m 5.0 ISC
KHC	eiPKIKP 20 15 08.8, eiPKP2 15 36.2, D 155.5
PRU	e 20 15 16, eiPKP2 15 31.7, D 154.5
JUL22	Near shock
PRU	iPg 20 50 26.2, eiSg 50 43.2, (D 1.3)
KHC	eiPg 20 50 32.2, eiSg 50 53, (D 1.6)
JUL22	23 22 26.5 Fiji 20.2 S 178.9 W, 630km, m 4.5 ISC

PRU	eiPKHKPD. 23 41 04, ei 41 11, D 148.5
PRA	ePKHKP 23 41 06, D 148.4
KHC	eiPKHKPD. 23 41 07, ei 41 15.3, D 149.5
JUL23	00 05 21 New Hebrides 19.17 S 169.8 E, 17km, m 4.9 ISC
KHC	eiPKP 00 24 57, D 144.5
JUL23	01 16 15 Japan 31.76 N 141.72 E, 25km, m 4.5 ISC
PRU	eP 01 28 56, D 86.1
JUL23	02 46 58 E. Kazakhstan 49.88 N 78.23 E, 0km, m 5.4 ISC
PRU	eiPC. 02 54 35 (0.9s 44mu), eiPP 56 06, e 58 29, m 5.1, D 39.9
PRA	eP 02 54 38, D 39.9
KHC	iPC. 02 54 43.1 (0.9s 70mu), eiPP 56 14.5, m 5.4, D 40.8
JUL23	08 01 52.2 Fiji 23.68 S 179.13 E, 561km, m 5.0 ISC
PRU	ePKIKP 08 20 36, eiPKHKP 20 42.8, eiPKP2 20 53.5, eipPKP2 22 52, D 151.1
PRA	ePKHKP 08 20 43, ePKP2 20 54, D 151.1
KHC	eiPKIKP 08 20 37.2, iPKHKP 20 45.2, iPKP2 20 58.4, eipPKP2 22 56, D 152.2
JUL23	Near shock
PRU	eiPg 11 43 13, eiSg 43 37, (D 1.8)
KHC	e 11 43 27, eiSg 44 09
JUL23	Near shock
KHC	ePg 12 44 19, eiSg 44 40.5, (D 1.6)
JUL23	13 14 35 Japan 37.35 N 141.62 E, 49km, m 5.4 ISC
PRA	eP 13 26 47, epP 26 59, Lm 14 06 (LN: 15s 1.2u, LV: 18s 1.5u), (M 5.3), D 81.3
PRU	eiPC. 13 26 47.5 (1.2s 69mu), e 29 29, e 37 20, eL 56, Lm 14 06 (LH: 16s 1.3u, LN: 16s 0.8u), m 5.6, M 5.4, D 81.3
KHC	iPC. 13 26 53.1 (1.1s.86mu), ei 27 07.4, m 5.7, D 82.4
JUL23	Near shock
KHC	eiPg 17 53 28.5, eiSg 53 36, (D 0.6)
PRU	ePg 17 53 39, eSg 53 54, (D 1.1)
JUL23	22 34 45 Greece 38.05 N 20.1 E, 0km ISC
KHC	eP 22 37 39, D 12.0

JUL24	00 41 24.4 Greece 38.21 N 21.84 E, 14km ISC
KHC	eP 00 44 29, D 12.4
JUL24	01 26 00 Kurile Isl. 45.63 N 152.11 E, 21km, m 4.7 ISC
PRU	eiPC. 01 37 57 (1.1s 24mu), m 5.2, D 77.9
KHC	eiP 01 38 03 (1.0s 19mu), m 5.1, D 78.9
JUL24	02 59 20.9 Peru 11.84 S 75.10 W, 1km, m 5.9 ISC
KHC	eP 03 13 00 (1.5s 35mu), ei 16 47.5, m 5.9, D 98.0
PRU	eiPD. 03 13 04 (1.5s 27mu), e 16 36, eSKS 23 36, eL 44, Lm 55
PRA	(LH: 20s 3u, LV: 20s 1.4u), m 5.8, M 5.8, D 98.7 eP 03 13 04, ePP 16 59, e(SKS) 23 50, Lm 54 (LN: 18s 2.6u), (M 5.7), D 98.7
JUL24	06 36 43 Kurile Isl. 45.67 N 152.17 E, 17km, m 4.6 ISC
KHC	eiP 06 48 46.2, D 78.9
JUL24	Near shock
KHC	ePg 11 44 14, eSg 44 33, (D 1.4)
PRU	iPgC. 11 44 20, iSg 44 40, (D 1.5)
JUL24	Near shock
KHC	eiPg 11 59 17, iSg 59 35.8, (D 1.4)
JUL24	Near shock
KHC	ePg 12 40 32, eiSg 40 50, (D 1.3)
JUL24	12 41 41.1 Prince Edward Isl. 45.60 S 35.0 E, 33km, m 5.4 ISC
KHC	e 12 55 29, ei 56 20.3, eiPP 59 01.5, D 96.2
PRU	e 12 55 32, ePP 59 08, eSKS 13 05 48, ePS 07 48, eSS 12 56,
PRA	eL 29, Lm 40 (LH: 20s 4.6u), M 6.0, D 96.9 e 13 03 38, eSKS 13 05 44, ePS 08 03, Lm 40 (LH: 17.5s 4.2u, LV: 20s 4.1u), D 97.0
JUL24	14 23 18 Tonga 15.34 S 175.16 W, 311km, m 4.7 ISC
PRU	eiPKP 14 42 18, D 144.6
KHC	eiPKP 14 42 21.6, D 145.6
JUL24	16 19 10.6 Kurile Isl. 49.49 N 155.70 E, 60km, m 5.3 ISC
PRA	eiP 16 30 50, D 75.4
PRU	eiP 16 30 50 (1.2s 18mu), m 4.9, D 75.5
KHC	eiP 16 30 55.8 (1.0s 90mu), m 5.0, D 76.5

JUL24	Near shock
PRU	eiPg 20 58 26.5, eiSg 58 43, (D 1.3)
KHC	eiPg 20 58 32, eiSg 58 53, (D 1.6)
JUL24	23 21 19.3 Crete 34.93 N 26.0 E, 60km, m 4.5 ISC
KHC	eiP 23 25 12.8, ei 25 26.5, D 16.9
PRU	eP 23 25 13.7, ei 26 14, D 17.2
JUL25	06 06 42.1 Argentina 25.49 S 63.21 W, 573km, m 5.4 ISC
KHC	eiP 06 19 31.8, eipP 21 39, eiPP 23 45.7, D 100.8
PRU	eiP 06 19 35.2, eipP 21 45, eiPP 23 48, eiSKS 29 20, D 101.7
PRA	eP 06 19 36, epP 21 45, ePP 23 48, epPP 25 46, epPPP 27 54, eSKS 29 20, e 30 00, eS 30 32, D 101.7
JUL25	Near shock
PRU	ePg 08 41 42, eiSg 42 01, (D 1.5)
JUL25	09 07 05.6 Kamchatka 53.77 N 161.81 E, 55km, m 4.3 ISC
PRU	eP 09 18 32, D 73.0
KHC	eiP 09 18 38, D 74.0
JUL25	11 06 Explosion: Austria 47.7 N 11.2 E BCIS
KHC	ePn 11 06 40, eiPg 06 46, iSg 07 11.0, D 2.1
PRU	ePn 11 06 53, ePg 07 02, ei 07 41, eiSg 07 45, D 3.2
JUL25	Near shock
PRU	ePg 11 30 13.7, eiSg 30 35.5, (D 1.6)
KHC	ePg 11 30 22, e 30 51
JUL25	12 54 27.3 Aleutian Isl. 53.28 N 167.05 W, 40km, m 5.1 ISC
PRA	eP 13 06 16, D 77.0
PRU	eiPC. 13 06 17 (1.2s 17mu), e(S) 16 12, e 17 02, eL 31, Lm 40
KHC	(LH: 22s 1.9u), m 5.1, M 5.4, D 77.1 eiP 13 06 22.7 (1.2s 34mu), m 5.4, D 78.0
JUL25	12 58 02 Philippines 18.81 N 119.59 E, 30km, m 4.8 ISC
PRU	eiP 13 10 36.7, D 85.1
KHC	eP 13 10 41.5, D 86.0
JUL25	13 34 09 Molucca Passage 2.56 N 126.58 E, 31km, m 5.6 ISC
PRU	eiP 13 48 01.5 (1.4s 21mu), eipP 48 22, eiPP 52 15, m 5.6, D 102.0

KHC	eiP 13 48 06.4 (2.0s 33mu), eiPP 52 16, m 5.7, D 102.9
JUL25	21 30 33.3 N. Atlantic Ocean 12.44 N 40.75 W, 9km, m 4.8 ISC
KHC PRU	eP 21 40 26, D 57.6 eP 21 40 32, D 58.5
JUL25	22 49 39.4 China 21.61 N 111.83 E, 18km, m 5.5 ISC
PRU	eiPC. 23 01 40 (2.0s 312mu), eiPP 04 29, eS 11 36, eSS 16 36, e 20 32, eL 28, Lm 33.3 (LH: 16s 10u), m 6.1, M 6.3, M 6.1, D 78.3
PRA	eP 23 01 41 (2.5s 1.0mu), eS 11 35, Lm 35 (LH: 13.5s 6.7u), m 6.5, M 6.1, D 78.3
KHC	iPC. 23 01 45.5 (2.0s 233mu), ei 02 13.5, m 5.9, D 79.1
JUL25	22 59 08.4 Kamchatka 53.85 N 160.31 E, 33km, m 4.9 ISC
PRU	eiP 23 10 34, D 72.6
KHC	eiP 23 10 40.6 (1.0s 19mu), ei 11 13.8, m 5.1, D 73.6
JUL26	Unidentified shock
KHC	e 07 34 02
JUL26	Near shock
KHC	eiPg 11 08 14.6, eiSg 08 32.5, (D 1.4)
JUL26	12 24 30.4 N. Atlantic Ocean 43.70 N 14.56 W, 33km, m 4.6 ISC
KHC	eiP 12 29 06, ei 30 32.5, D 20.1
PRU	eP 12 29 12, ei 29 18, ei 30 13.7, Lm 35.5 (LN: 18s 0.7u), (M 4.1) D 20.8
PRA	e(P) 12 29 16, D 20.7.
JUL26	15 32 10.1 Aleutian Isl. 53.32 N 167.16 W, 70km, m 4.7 ISC
KHC	eP 15 44 03, D 77.9
JUL27	02 14 26.8 New Hebrides 19.44 S 168.80 E, 59km, m 5.4 ISC
PRA	ePKP 02 33 52, D 143.2
PRU	eiPKP 02 33 52, D 143.3
KHC	iPKP 02 33 56.0, ei 35 24, D 144.3
JUL27	09 01 28.3 Rumania 45.72 N 26.40 E, 165km, m 4.3 ISC
PRU	eiP 09 03 36, D 9.0
KHC	eiP 09 03 41.2, D 9.3
JUL27	08 49 37.9 Fiji 17.72 S 178.22 W, 558km, m 4.5 ISC
KHC	eiPKIKPD. 09 08 19.8, D 147.2

JUL27	10 23 02 Kurile Isl. 43.80'N 149.01 E, 23km, m 4.4 ISC
PRU KHC	eP 10 35 02, D 78.5 eP 10 35 09, D 79.6
JUL27	17 17 53 Dodecanese Isl. 35.44 N 27.71 E, 67km ISC
KHC PRU	eiP 17 21 49.6 (1.1s 22mu). m 4.2, D 17.2 eP 17 21 52, D 17.4
JUL27	19 27 03.4 Kodiak Isl. 57.55 N 153.63 W, 53km, m 4.7 ISC
PRU KHC	eP 19 38 26, e 38 38, D 72.4 eiP 19 38 30.8 (1.3s 18mu), ei 38 39.5, m 4.8, D 73.2
JUL27	21 21 44.4 Alaska 59.42 N 145.04 W, 60km, m 5.3 ISC
PRU	eiP 21 32 49 (1.9s 74mu), ei 33 17, ePP 35 26, eiS 42.00, eL 59, Lm 22 09 (LH: 14s 1.8u, LV: 14s 1.0u), m 5.3, M 5.5, D 69.7
PRA	eP 21 32 50, ePP 35 22, eS 41 52 (SN: 13s 1.6u), Lm 22 11 (LH: 12s 1.7u, LV: 14s 3.0u), m 5.9, M 5.6, (MSH 6.0), D 69.6
KHC	eiP 21 32 53.8 (1.5s 80mu), m 5.4, D 70.4
JUL27	22 26 54.8 Taiwan 24.87 N 122.59 E, 110km, m 5.2 ISC
PRU KHC	eiP 22 39 04 (1.6s 38mu), epP 39 34, m 5.0, D 82.1 eiP 22 39 09 (1.2s 31mu), m 5.0, D 83.1
JUL27	23 49 49 Virgin Isl. 19.97 N 64.24 W, 27km, m 4.9 ISC
KHC PRU	eiP 00 00 44, D 67.3 eiP 00 00 47.7, D 67.8
JUL28	Unidentified shock
KHC	ei 06 36 54
JUL28	06 29 54 Kodiak Isl. 57.43 N 153.89 W, 27km, m 5.2 ISC
KHC	eiP 06 41 25.2 (1.0s 28mu), eipP 41 36, m 5.3, D 73.3
JUL28	10 19 10.1 Japan 43.20 N 141.79 E, 170km, m 4.5 ISC
PRU KHC	eP 10 30 44, D 76.4 eiP 10 30 49.2, D 77.5
JUL28	Near shock
KHC	eiPg 12 25 31.5, eiSg 25 47, (D 1.1)
JUL28	13 03 19.1 Japan 30.69 N 132.56 E, 34km, m 5.5 ISC

PRU	eiPD. 13 15 41.5 (1.5s 130mu), eipP 15 51, e 26 02, eI. 46, Lm 50 (LH: 20s 1.9u), m 5.5, M 5.5, D 82.7
PRA	eP 13 15 42 (2.0s 0.4mu), Lm 51 (LH: 17s 1.5u), m 6.3, M 5.4, D 82.7
KHC	iPD. 13 15 46.4 (1.3s 121mu), i 15 56.0, m 6.0, D 83.8
JUL28	14 04 46.8 Fiji 21.99 S 179.36 W, 587km, m 4.5 ISC
PRU	eiPKHKP 14 23 32.7, D 150.0
KHC	eiPKHKP 14 23 35, D 151.0
JUL28	Near shock
PRU	eiPg 15 22 14, eiSg 22 29, (D 1.1)
JUL28	Near shock
KHC	ePg 17 36 10, eiSg 36 31.2, (D 1.6)
PRU	eiPg 17 36 10.2, eiSg 36 31.7, (D 1.6)
JUL29	00 40 42.8 Virgin Isl. 19.95 N 64.18 W, 35km, m 5.0 ISC
KHC	eiP 00 51 35.5, D 67.2
PRU	eiP 00 51 39.5, D 67.8
JUL29	01 55 23 New Guinea 3.39 S 144.92 E, 20km, m 5.4 ISC
PRU	ePKIKP 02 14 09, ePP 15 23, D 117.5
KHC	eiPKIKP 02 14 10, D 118.5
JUL29	06 24 22.7 New Hebrides 14.84 S 167.30 E, 134km, m 5.3 ISC
PRU	ePKHKP 06 43 26, ePP 46 11.7, D 138.5
KHC	eiPKHKP 06 43 28.5, ei 43 46.1, ei 46 32, D 139.6
JUL29	Near shock
KHC	ePg 09 23 34, eiSg 23 56, (D 1.6)
JUL29	Unidentified shock
PRU	e 16 06 06, e 06 34
KHC	e 16 06 08, ei 06 28
JUL29	16 35 32 Germany 49.7 N 7.2 E, 0km ISC
KHC	ePg 16 36 43, eiSg 37 33, D 4.2
PRU	eiSg 16 37 48, D 4.8
JUL29	23 56 25 Germany 48.3 N 8.9 E, 0km ISC

KHC	ePn 23 57 12, eiPg 57 21, eiSg 58 04, D 3.2
PRU	ePg 23 57 38, eSg 58 28, D 4.1
JUL30	03 23 43.0 Volcano Isl. 22.36 N 142.88 E, 62km, m 5.3 ISC
PRU	eiP 03 36 58 (1.5s 22mu), ei 37 06.5, e 40 41, m 5.4, D 94.7
KHC	eiP 03 37 02.8 (1.7s 36mu), eiPP 40 54, m 5.5, D 95.7
JUL30	04 18 45.8 Bonin Isl. 28.51 N 142.64 E, 39km, m 5.0 ISC
KHC	eiP 04 31 44.5, D 90.4
PRU	eP 04 31 52, D 89.3
JUL30	Unidentified shock
PRU	eP 08 20 27, ei 20 35
KHC	eiP 08 20 28.5
JUL30	10 04 17.8 Aleutian Isl. 52.99 N 170.16 W, 34km, m 4.3 ISC
KHC	eP 10 16 16, ei 18 47, D 78.2
JUL30	15 16 30 Aleutian Isl. 52.53 N 172.11 E, 63km, m 4.5 ISC
PRU	eP 15 28 12, D 76.1
KHC	eiP 15 28 18.3 (1.2s 12mu), m 4.7, D 77.1
JUL30	Unidentified shock
PRU	ei 16 58 35.4, ei 59 09
KHC	ei 16 59 11.5
JUL30	17 06 12 Poland 50.32 N 19.20 E, 0km, m 2.9 ISC
PRU	eiPg 17 07 06.7, eiSg 07 44, D 3.0
KHC	ePn 17 07 13.5, ei 07 54, eiSg 08 13, D 3.8
JUL30	17 09 50 Komandorsky Isl. 55.3 N 164.0 E, 33km, m 4.4 ISC
KHC	eiP 17 21 26, ei 21 35.5, D 73.0
PRU	e 17 21 30, D 72.0
JUL30	23 52 34.1 Fiji 23.93 S 176.76 W, 164km, m 4.8 ISC
KHC	ePKIKP 00 12 07, eiPKP2 12 22.5, D 153.6
PRU	ePKHKP 00 12 14, eiPKP2 12 20.1, D 152.5
JUL31	05 05 03.8 S. Indian Ocean 27.52 S 66.19 E, 33km, m 5.1 ISC
KHC	eiP 05 17 59, D 89.6
PRU	eP 05 18 00, D 89.7

JUL31	11 23 02.1 Aleutian Isl. 53.04 N 170.06 W, 43km, m 5.2 ISC
PRA	eP 11 34 53, D 77.2
PRU	eiP 11 34 53 (1.4s 31mu), ei 35 14, ei(PP) 37 33, eL 12 01, Lm 11.3 (LH: 21s 2.3u), m 5.2, M 5.5, D 77.3
KHC	eiPC. 11 34 58.4 (1.1s 22mu), ei 35 19.5, ei 37 40.5, m 5.2, D 78.2
JUL31	12 06 42.6 Alaska 64.94 N 151.5 W, 33km, m 4.5 ISC
PRU	eiP 12 17 22.7, D 64.9
KHC	eiP 12 17 27.5, D 65.7
JUL31	Near shock
PRU	iPg 13 17 26.6, iSg 17 44.6, (D 1.4)
KHC	ePg 13 17 41, eiSg 18 09.7, (D 2.3)
JUL31	Near shock
KHC	e 14 57 00, eiSg 57 07
PRU	eiPg 14 57 12, eiSg 57 28, (D 1.2)

AUG01	05 06 23 Ryukyu Isl. 26.3 N 128.1 E, 118km ISC
PRU	eP 05 18 42, D 84.0
AUG01	Near shock
PRU	eiPg 08 44 34, eiSg 44 51, (D 1.3)
AUG01	Near shock
PRU	iPg 11 30 25, eiSg 30 40, (D 1.1)
KHC	ePg 11 30 41.5, eiSg 31 11, (D 2.3)
AUG01	Near shock
KHC	ePg 12 15 57, eiSg 16 18.5, (D 1.6)
AUG01	12 05 35.5 Fiji 23.41 S 177.24 W, 199km, m 4.9 ISC
KHC	eiPKIKP 12 25 02.7, eiPKP2 25 16.6, D 152.9
PRU	eiPKHKP 12 25 08, eiPKP2 25 13.7, D 151.9
PRA	ePKHKP 12 25 08, D 151.9
AUG01	13 06 50.1 Virgin Isl. 18.85 N 64.52 W, 53km, m 5.0 ISC
KHC	eP 13 17 48, ei 17 57, D 68.3
PRU	eP 13 17 51, D 68.8
AUG01	Near shock
KHC	ePg 15 59 52.3, eiSg 16 00 16, (D 1.8)
AUG01	23 43 43.0 Kurile Isl. 45.43 N 150.89 E, 25km, m 5.7 ISC
PRU	eiPC. 23 55 37.7 (1.2s 190mu), iPcP 55 39.6, eisP 55 48.7, ei 56 51, eS 00 05 24, ePS 06 08, e(SS) 10.9, eL 23, Lm 33.7 (LH: 17s 15u, LV: 18s 9u), m 6.1, M 6.4, D 77.7
PRA	eP 23 55 40 (2.0s 1.2mu), e 56 52, eS 00 05 25, ePS 06 13, Lm 33 (LH: 17.5s 18u, LV: 17s 18u), m 6.7, M 6.5, D 77.6
KHC	eiP 23 55 43.5 (1.3s 300mu), i 56 57.0, m 6.2, D 78.7
AUG01	23 50 51 Kurile Isl. 45.1 N 150.7 E, 30km ISC
PRU	eP 00 02 47, D 77.9
KHC	eiP 00 02 54, D 79.0
AUG02	00 34 17.9 Kurile Isl. 45.33 N 150.99 E, 22km, m 5.2 ISC
PRU	eiPC. 00 46 14.7 (1.0s 53mu), eisP 46 28, Lm 01 24.5 (LH: 18s 3.6u, LV: 16s 1.7u), m 5.6, M 5.8, D 77.8
PRA	eP 00 46 15, Lm 01 24 (LH: 16s 3.7u, LV: 16s 3.2u), M 5.8, D 77.8

KHC	eiPC. 00 46 20.6 (1.1s 103mu), ei 47 06.5, m 5.8, D 78.9
AUGO2	00 51 53.6 Kurile Isl. 45.1 N 151.1 E, 30km, m 4.3 ISC
PRU KHC	eP 01 03 51, D 78.0 eiP 01 03 57, D 79.1
AUGO2	01 13 35.2 Kurile Isl. 45.21 N 151.11 E, 36km, m 4.7 ISC
PRU KHC	eP 01 25 31, D 77.9 eiP 01 25 37 (1.0s 16mu), m 5.0, D 79.0
AUGO2	02 40 06.2 Kurile Isl. 45.15 N 151.03 E, 45km, m 4.9 ISC
PRU KHC	eiP 02 52 01 (0.8s 14mu), m 5.1, D 78.0 eiP 02 52 07.5 (1.0s 22mu), m 5.1, D 79.0
AUGO2	04 30 32 New Guinea 6.52 S 146.92 E, 33km, m 5.2 ISC
KHC PRU	eiPKIKP 04 49 25, D 122.2 ePKIKP 04 49 30, D 121.2
AUGO2	04 43 51.3 S. Sumatra 5.66 S 104.55 E, 82km, m 5.1 ISC
PRU KHC	eP 04 57 03, eiPP 05 00 50, D 94.3 eP 04 57 05.5, eiPP 05 00 54, D 94.9
AUGO2	05 07 16.5 Crete 34.65 N 24.01 E, 0km ISC
KHC PRU	eP 05 11 12, D 16.4 eP 05 11 16, D 16.8
AUGO2	06 04 07 Kurile Isl. 45.20 N 151.10 E, 21km, m 4.8 ISC
PRU KHC	eiP 06 16 05.7 (1.2s 26mu), m 5.2, D 78.0 eiPC. 06 16 11.4 (1.0s 25mu), m 5.2, D 79.0
AUGO2	10 17 54.3 Kurile Isl. 45.22 N 151.00 E, 42km, m 4.8 ISC
PRU PRA KHC	eiPC. 10 29 49 (1.2s 26mu), m 5.2, D 77.9 eP 10 29 51, D 77.9 iPC. 10 29 55.2 (1.2s 51mu), m 5.4, D 79.0
AUGO2	Near shock
PRU KHC	iPg 11 00 09.2, iSg 00 28.7, (D 1.5) e 11 00 24, eiSg 00 56
AUGO2	Near shock
KHC	e 12 07 15, eiPg 07 28, eiSg 07 52, (D 1.8)

PRU	ePg 12 07 23, eiSg 07 45, (D 1.6)
AUGO2	17 39 23 Kamchatka 56.21 N 162.41 E, 41km, m 4.8 ISC
PRU KHC	eiPC. 17 50 38 (1.0s 16mu), m 5.1, D 70.9 eiP 17 50 44 (1.1s 19mu), m 5.1, D 71.9
AUGO3	00 22 31.2 New Ireland 4.25 S 153.06 E, 59km, m 5.4 ISC
PRU PRA KHC	eiPKIKP 00 41 22, ei 41 33.7, eSKS 48 18, ePS 52 54, eL 01 19, Lm 36.6 (LH: 25s 2.2u), M 5.8, D 122.6 ePKIKP 00 41 22, ePP 43 01, Lm 01 37, D 122.6 eiPKIKP 00 41 23.8, ei 42 42.3, ei 45 58, D 123.6
AUGO3	02 53 04.3 N. Atlantic Ocean 35.82 N 10.73 W, 39km ISC
KHC	eP 02 58 00, D 22.2
AUGO3	04 19 37.6 Ryukyu Isl. 24.30 N 123.25 E, 52km, m 5.4 ISC
PRU PRA KHC	eiPC. 04 31 58.2 (1.5s 52mu), m 5.3, D 82.9 eP 04 31 59, D 82.9 eiP 04 32 03.3 (1.2s 43mu), m 5.4, D 83.9
AUGO3	05 01 28 Greece-Albania 40.4 N 20.1 E, 33km ISC
KHC	ePn 05 03 53, eiSn 05 41, D 9.9
AUGO3	07 48 11 Kurile Isl. 45.29 N 151.79 E, 8km, m 5.2 ISC
PRU PRA KHC	iPC. 08 00 11.2 (1.3s 81mu), ei 01 21, eS 10 08, eL 27, Lm 34 (LH: 16s 1.8u), m 5.7, M 5.6, D 78.1 eP 08 00 12, ePcP 00 24, Lm 34 (LH: 15.5s 1.3u), M 5.4, D 78.1 iPC. 08 00 17.3 (1.3s 110mu), ei 00 43.8, m 5.7, D 79.1
AUGO3	11 18 42 Tonga 16.0 S 174.8 W, 0km, m 4.5 ISC
KHC	ePKIKP 11 38 26, D 146.3
AUGO3	23 51 15 Egypt 27.8 N 33.76 E, 55km ISC
KHC PRU	eP 23 56 46, D 26.4 eP 23 56 53, D 26.6
AUGO4	01 18 46 Fiji 23.7 S 179.89 E, 549km, m 4.3 ISC
PRU KHC	ePKHKP 01 37 38, D 151.3 ePKHKP 01 37 40.5, D 152.4
AUGO4	02 55 55 Fiji 23.96 S 176.6 W, 98km, m 4.0 ISC

KHC PRU	ePKIKP 03 15 32, D 153.6 ePKHKP 03 15 38, D 152.6
AUG04	10 23 29.5 Aleutian Isl. 51.38 N 179.60 W, 45km, m 5.3 ISC
PRU PRA KHC	eiPC. 10 35 25.3 (1.2s 36mu), ei 35 46, e 37 42, e(S) 45 30, eL 11 03, Lm 11 (LH: 20s 1.7u), m 5.4, M 5.4, D 78.3 eP 10 35 26, e 37 55, Lm 11 18, D 78.2 iPC. 10 35 31.0 (1.2s 78mu), ei 37 17, m 5.6, D 79.2
AUG04	13 47 00 N. Atlantic Ridge 35.60 N 36.58 W, 33km, m 4.7 ISC
KHC PRU	eP 13 54 23, D 38.7 eP 13 54 29, D 39.4
AUG04	Near shock
PRU	eiPg 16 38 04.2, eiSg 38 32, (D 2.2)
AUG04	17 19 20.5 Banda Sea 5.71 S 125.42 E, 513km, m 6.3 ISC
PRU KHC PRA	eP 17 32 44, eipP 34 40, ei 36 03, eiPKIKP 36 48, ei 37 12, eiPP 37 22, eiSKS 42 30, ei 44 00, ei 45 44, eiSP 46 54, ePKKP 48 03, eiPKKS 51 42, MSH 6.3, D 107.7 eiP 17 32 48, eiPKIKP 36 49.8, eiPP 37 28.7, ei 47 57.5, ei 48 16.2, D 108.5 epP 17 34 39, e 36 10, e 37 13, ePP 37 22, eSKS 42 28, eS 44 01, ePS 46 58, D 107.7
AUG05	02 13 08 Molucca Passage 1.26 N 126.23 E, 21km, m 6.1 ISC
PRA PRU KHC	eP 02 27 05, e 27 15, e 27 27, ePP 31 32, ePPP 33 49, eSKS 37 50, eSKS2 38 30, eS 38 59 (SH: 9s 8.5u), ePS 40 30, ePPS 41 20, Lm 03 18 (LH: 17s 7.3u, LV: 17s 48u), M 7.2, MSH 7.3, D 102.9 eiP 02 27 06 (1.7s 42mu), eisP 27 20, ePP 31 28, ePPP 33 32, e 35 37, eiSKS 37 49, eiS 38 54, iPS 40 28, ePKKP 43 29, eiSS 46 04, eiSSS 50 45, Lm 18.5 (LH: 17s 41u, LV: 17s 20u), m 5.9, M 7.0, D 102.8 eiP 02 27 09.7 (1.6s 40mu), ei 27 22, eiPP 31 36, m 6.0, D 103.7
AUG05	13 03 25 Molucca Passage 1.32 N 126.49 E, 24km, m 5.0 ISC
PRU KHC	eP 13 17 28, ePP 21 40, eSKS 28 12, eL 55, Lm 14 07.5 (LH: 20s 1.8u), M 5.6, D 102.9 eP 13 17 29, ei 20 23, eiPP 21 48.5, D 103.8
AUG05	16 32 27.6 New Ireland 5.31 S 153.70 E, 78km, m 5.6 ISC

PRU KHC PRA	ePKIKP 16 51 17, ei 51 51, eiPP 53 04, ei 53 13, ei 17 01 42, ePS 03 00, eSS 09 42, e 15 16, eL 27, Lm 45.4 (LH: 21s 4.2u, LV: 21s 3u), M 6.2, D 123.8 eiPKIKP 16 51 19.5, ei 51 34.1, D 124.8 e 16 51 33, ePP 53 01, Lm 17 45, D 123.8
AUG05	17 44 00.3 New Hebrides 20.74 S 169.44 E, 55km, m 4.7 ISC
PRU KHC	iPKIKPC. 18 03 30, i 03 41.5, D 144.7 iPKIKPC. 18 03 33.6, i 03 45.5, D 145.7
AUG05	18 18 17.8 Japan 29.77 N 140.71 E, 116km, m 4.6 ISC
PRU KHC	eiP 18 30 53.5, D 87.4 eiP 18 30 58 (1.0s 11mu), m 4.8, D 88.4
AUG05	18 34 32.5 Japan 37.59 N 140.71 E, 121km, m 5.1 ISC
PRU KHC	eP 18 46 34, epP 47 02, D 80.7 eiP 18 46 38.5 (1.0s 11mu), eipP 47 08, m 4.8, D 81.8
AUG06	00 38 44.1 Alaska 61.37 N 150.49 W, 58km, m 4.7 ISC
KHC	eiP 00 49 45, D 69.1
AUG06	08 40 33.1 Japan 32.56 N 140.70 E, 74km, m 4.9 ISC
PRU KHC	eP 08 52 59, D 85.0 eiP 08 53 07, D 86.0
AUG06	Near shock
PRU KHC	eiPg 12 47 22, eiSg 47 38.5, (D 1.3) e 12 47 25, eiSg 47 42
AUG06	Near shock
PRU	ePg 12 48 12, eiSg 48 37, (D 1.9)
AUG06	15 41 51.5 N. Atlantic Ridge 10.78 N 43.17 W, 36km, m 5.2 ISC
KHC PRU PRA	eiP 15 51 57.9 (1.5s 22mu), ei 52 10.6, m 5.0, D 60.4 eiP 15 52 03.7 (1.7s 28mu), ei 52 07, eS 16 00 30, eSS 04 04, Lm 17.5 (LH: 17s 1u), m 5.1, M 5.1, D 61.3 eP 15 52 07, D 61.2
AUG07	01 49 32.9 Solomon Isl. 5.26 S 154.06 E, 116km, m 5.3 ISC
KHC	ePKIKP 02 08 20.6, ei 08 57.5, ei 09 18.5, D 125.0
AUG07	06 46 06.7 Kamchatka 52.23 N 158.97 E, 52km, m 5.2 ISC

PRA PRU KHC	eP 06 57 36, D 73.7 eiPC. 06 57 36.7 (0.9s 37mu), m 5.4, D 73.8 iPC. 06 57 43.6 (1.0s 91mu), ei 58 14, m 5.8, D 74.8
AUG07	09 33 07 Fiji 20.86 S 178.57 W, 626km, m 4.5 ISC
PRU KHC	eiPKHKPD. 09 51 48.7, D 149.1 eiPKHKP 09 51 51.2, D 150.2
AUG07	Near shock
PRU	iPg 11 28 42.8, eiSg 28 56.8, (D 1.1)
AUG07	15 32 01.3 Kurile Isl. 45.27 N 148.22 E, 140km, m 4.8 ISC
PRU KHC	eP 15 43 39.7, D 76.9 eiP 15 43 45.7 (1.0s 14mu), m 4.6, D 78.0
AUG08	06 30 56.5 Hindu Kush 36.44 N 70.86 E, 193km, m 5.8 ISC
PRU PRA KHC	iPC.S.W. 06 38 32.0 (2.0s 1mu), eipP 39 14, eiPP 40 12, eiPPP 41 04, e 41 16, m 6.1, MPH 6.3, D 42.2 iP 06 38 33.5 (2.5s 2.4mu), epP 39 15, esP 39 36, ePP 40 13, esPP 41 15, eS 44 42, esS 45 52, eSS 48 05, m 6.3, D 42.3 iPC. 06 38 37.8 (1.8s 437mu), ipP 39 21.2, ei 39 42.2, ei 40 54, m 5.8, D 42.9
AUG08	11 08 13.2 S. Atlantic Ridge 47.76 S 15.66 W, 18km, m 5.7 ISC
KHC PRU PRA	eiP 11 21 57.2 (1.5s 14mu), ei 25 15.2, m 5.4, D 99.8 eP 11 22 03 (1.5s 23mu), e 25 26, ePP 26 17, eSKS 32 36, eiS 33 38, e(SS) 40 22, eL 50, Lm 12 02 (LH: 21s 1.6u), m 5.5, M 5.4, D 100.8 ePP 11 26 16 (7s 0.6u), eSKS 32 40, eS 33 45, Lm 12 00, MPPV 6.2, D 100.8
AUG08	Near shock
PRU	eiPg 11 55 54.7, eiSg 56 12.7, (D 1.4)
AUG08	Unidentified shock
PRU KHC	ei 12 48 11 e 12 48 12
AUG08	Near shock
KHC PRU	ePg 14 24 21.5, eiSg 24 29, (D 0.6) eiPg 14 24 33, eiSg 24 48.5, (D 1.2)
AUG08	Near shock

PRU	ePg 14 38 32, eSg 38 54, (D 1.6)
AUG08	Near shock
PRU	eiPg 15 23 01, eiSg 23 17, (D 1.2)
AUG08	20 02 39 N. Atlantic Ocean 35.99 N 10.3 W, 25km, m 4.3 ISC
KHC PRU	eiP 20 07 32.1 (1.0s 16mu), ei 07 44, m 4.4, D 21.9 eiP 20 07 41 (1.0s 15mu), ei 07 54, m 4.5, D 22.8
AUG08	20 44 20.8 Banda Sea 6.14 S 129.69 E, 193km, m 5.8 ISC
PRA PRU KHC	eP 20 58 33, ePP 21 03 15m epPP 30 57, eSKS 08 52, eS 10 32, epS 11 37, esS 11 59, D 110.8 eiP 20 58 33.7, eipP 59 28, ei 21 02 32, eiPP 03 16, eipPP 03 54, eiSKS 08 48, eiS 10 30, eiPS 12 46, eiSS 18 30, Lm 53.3 (LH: 17s 3.5u), M 6.7, D 110.7 eiP 20 58 37.4, ei 21 02 01.5, ei 02 34, eiPP 03 23.5, D 111.6
AUG09	05 17 36.6 Fiji 19.83 S 177.99 W, 572km, m 4.9 ISC
PRU KHC	eiPKHKPD. 05 36 18.5, ePKP2 36 24, D 148.3 eiPKHKP 05 36 22, ei 36 29.7, eipPKP 38 35.8, D 149.3
AUG09	09 11 10 Italy 43.70 N 11.93 E, Okm ISC
KHC PRU	ePn 09 12 24, ei 13 08.8, eiSn 13 24, D 5.6 e(Pn) 09 12 52, e(Sn) 13 44, eSg 14 43, D 6.5
AUG09	09 21 04.8 Italy 43.90 N 12.11 E, 33km, m 4.1 ISC
KHC PRU PRA	eiPn 09 22 22, eiPg 22 47, eiSn 23 24, D 5.3 ePn 09 22 35, eiPg 23 02, ei 23 28, eiSn 23 38, ei 24 32, Lm 25.4, D 6.3 eSn 09 23 38, eL 24 40, D 6.4
AUG09	10 04 16 Fiji 22.34 S 177.23 W, 260km, m 4.4 ISC
PRU KHC	eiPKHKP 10 23 37.8, D 150.9 eiPKHKP 10 23 39.7, D 151.9
AUG09	Unidentified shock
PRU KHC	e 12 16 33, ei 16 51, ei 17 21 e 12 16 33, ei 17 04, ei 17 26.4
AUG09	13 28 31 Egypt 27.5 N 34.0 E, 33km, m 4.5 ISC
KHC PRU	eP 13 34 10, D 26.8 eP 13 34 12.5, D 27.0

AUG09	13 40 01.1 Carlsberg Ridge 4.49 N 62.53 E, 78km, m 4.9 ISC
KHC	eP 13 50 09.5, D 60.8
PRU	eP 13 50 09.8, eiPP 52 24, D 60.7
AUG09	16 25 35.9 Yugoslavia 42.33 N 19.22 E, 30km, m 4.5 ISC
KHC	eiPn 16 27 32, i 27 42.8, iSn 28 56.5, D 7.9
PRU	eiPn 16 27 37, i 27 50.2, ei 28 34, eiSn 29 09, ei 29 22, Lm 31 14 (LH: 15s 4.5u, LV: 13s 1.4u), M 4.3, D 8.3
PRA	ePn 16 27 39, e 29 19, D 8.4
AUG09	17 01 03 Yugoslavia 42.27 N 19.14 E, 30km, m 4.3 ISC
KHC	eiPn 17 02 59.2, eiSn 04 24.5, D 7.9
PRU	eiPn 17 03 05, ei 03 33.7, ei(Sn) 04 50, e 05 24, Lm 06 40 (LN: 13s 0.8u), (M 3.6), D 8.4
PRA	eSn 17 04 39, D 8.5
AUG10	Unidentified shock
PRU	eiP 05 13 18
KHC	eiP 05 13 23
AUG10	Unidentified shock
PRU	e 05 31 57, e 32 30, e 32 42
KHC	e 05 32 28
AUG10	Near shock
PRU	eiPg 08 43 42.3, ei 43 53.8, eiSg 43 57.8, (D 1.1)
KHC	ePg 08 43 50.5, eiSg 44 09, (D 1.4)
AUG10	15 41 44.4 Carlsberg Ridge 8.12 N 58.58 E, 25km, m 4.8 ISC
KHC	eiP 15 51 17.5, D 55.6
PRU	eP 15 51 18, D 55.5
AUG10	21 16 27 Italy 43.9 N 12.2 E, 60km ISC
KHC	eiPn 21 17 43.5, eiPg 18 09, eiSn 18 43.5, D 5.3
PRU	ePn 21 17 56, e 18 08, eSn 19 09, eiSg 19 54, D 6.3
PRA	eSg 21 19 53, D 6.4
AUG10	21 24 16 Italy 43.70 N 11.93 E, 0km ISC
KHC	ePn 21 25 39, eiSn 26 38.5, D 5.6
PRU	eSn 21 26 55, e 28 02, D 6.5
AUG11	01 15 36.3 Aleutian Isl. 50.26 N 176.85 E, 33km, m 4.5 ISC

KHC	eP 01 27 43, D 80.0
AUG11	Near shock
PRU	ePg 12 36 24, eiSg 36 41, (D 1.4)
AUG11	Near shock
PRU	eiPg 12 59 07, eSg 59 30, (D 1.7)
KHC	e 12 59 13, eiSg 59 48
AUG11	13 33 04.4 Central Mid-Atlantic Ridge 0.98 N 28.49 W, 33km, m 4.9 ISC
KHC	eiPC. 13 43 09 (1.2s 3lmu), m 5.2, D 60.0
PRA	eP 13 43 15, D 61.0
PRU	eiPC. 13 43 16 (1.2s 2lmu), m 5.2, D 61.0
AUG11	13 55 09 Italy 43.11 N 12.21 E, 2km, m 4.1 ISC
KHC	eiPn 13 56 40.8, ei 56 55, ei 57 10.8, eiSg 58 24, D 6.1
PRU	eiPn 13 56 54.7, ei 56 57, eiPg 57 33, ei 58 23, ei 59 11.7, Lm 14 00 (LH: 13s 2.4u), M 4.0, D 7.1
PRA	e 13 57 21, eSn 58 15, Lm 14 00.5 (LH: 6.2s 13u, LV: 6.5s 0.9u), M 4.0, D 7.1
AUG11	Near shock
PRU	ePg 16 40 00, eiSg 40 22, (D 1.6)
AUG11	20 07 12.8 S. Atlantic Ridge 19.6 S 11.9 W, 33km ISC
PRU	eP 20 18 41, D 73.1
AUG11	20 16 35.1 N. Atlantic Ocean 20.06 N 64.29 W, 31km, m 4.9 ISC
KHC	eiP 20 27 28, D 67.2
PRU	eiP 20 27 32, D 67.8
AUG11	20 46 42.1 Virgin Isl. 19.99 N 64.36 W, 10km, m 4.9 ISC
KHC	eP 20 57 39, D 67.3
PRU	eiP 20 57 43, D 67.9
AUG11	21 07 57 Kurile Isl. 43.28 N 147.90 E, 38km, m 4.3 ISC
PRU	eP 21 19 56, D 78.6
KHC	eiP 21 20 02.7, D 79.6
AUG11	21 21 47.6 Kurile Isl. 43.34 N 147.82 E, 39km, m 4.4 ISC

KHC	eiP 21 33 53, eiPcP 34 04, D 79.6
AUG11	21 26 33 Kurile Isl. 43.46 N 147.91 E, 8km, m 5.8 ISC
PRA PRU KHC	eP 21 38 35, D 78.4 iPC.S.W. 21 38 35.2 (2.2s 400mu), m 6.2, D 78.4 iPC. 21 38 41.0 (1.5s 231mu), m 6.0, D 79.5
AUG11	21 27 35.6 Kurile Isl. 43.44 N 147.82 E, 41km, m 6.5 ISC
PRA PRU	eP 21 39 33.5, eS 49 30, e 55 40, Lm 22 16, D 78.4 iP 21 39 35 (8.0s 20mu), eiS 49 28, eisS 49 47, e 55 06, m 7.3, D 78.4
AUG11	21 36 04.8 Kurile Isl. 43.63 N 146.5 E, 0km, m 6.0 ISC
PRU	eiP 21 48 05 (1.1s 137mu), m 6.0, D 77.8
AUG11	21 38 18 Kurile Isl. 43.72 N 147.8 E, 0km, m 5.9 ISC
PRU	eiP 21 50 22, D 78.2
AUG11	21 40 55.2 Kurile Isl. 43.78 N 147.48 E, 33km, m 6.0 ISC
PRU	eiP 21 52 52, D 78.0
AUG11	21 47 45 Kurile Isl. 45.6 N 153.0 E, 0km ISC
PRU	eiP 21 59 42, D 78.2
AUG11	21 49 19 Kurile Isl. 43.5 N 147.4 E, 0km ISC
PRU	eiP 22 01 14, D 78.2
AUG11	21 51 48.6 Kurile Isl. 45.0 N 147.30 E, 0km, m 5.5 ISC
PRU	eiP 22 03 44, ei 04 22.7, D 76.9
AUG11	21 53 49.4 Kurile Isl. 43.2 N 147.9 E, 0km, m 5.7 ISC
PRU	eiP 22 05 54.7, ei 07 43, D 78.6
AUG11	22 01 19.2 Kurile Isl. 43.7 N 147.1 E, 33km, m 5.4 ISC
PRU	eiP 22 13 15, D 77.9
AUG11	Unidentified shock
PRU	eiP 22 23 27.7

AUG11	22 42 02.3 Japan 42.91 N 147.03 E, 45km, m 5.0 ISC
PRU	eP 22 54 01, eipP 54 14, D 78.6
AUG11	22 49 29.0 Kurile Isl. 43.68 N 147.8 E, 0km, m 5.4 ISC
PRU	eiP 23 01 32, eiPcP 01 43, D 78.2
AUG11	22 53 57.3 Kurile Isl. 43.98 N 148.41 E, 36km, m 5.6 ISC
PRU	iPC. 23 05 54.2 (1.0s 151mu), m 6.1, D 78.2
AUG11	22 57 33 Kurile Isl. 44.8 N 146.6 E, 0km ISC
PRU	eiP 23 09 27, ei 10 57, D 76.8
AUG11	23 02 54.7 Kurile Isl. 43.14 N 147.83 E, 37km, m 5.5 ISC
PRU	eiPC. 23 14 54 (1.0s 136mu), eiPcP 15 06, m 5.9, D 78.7
AUG11	23 10 58 Kurile Isl. 43.68 N 148.16 E, 56km, m 4.6 ISC
PRU	eiP 23 22 54, D 78.3
AUG11	23 14 55 Kurile Isl. 43.51 N 147.7 E, 61km, m 4.9 ISC
PRU	eiP 23 26 50, D 78.3
AUG11	23 18 59 Kurile Isl. 43.84 N 148.32 E, 9km, m 5.0 ISC
PRU	eP 23 31 02, ei 31 14.5, D 78.2
AUG11	23 21 40 Kurile Isl. 43.40 N 147.66 E, 6km, m 5.3 ISC
PRU	eiP 23 33 42, ei 33 53, D 78.4
AUG11	23 24 33 Kurile Isl. 43.0 N 147.4 E, 30km, m 5.0 ISC
PRU	eiP 23 36 42, D 78.6
AUG11	23 34 09.4 Kurile Isl. 43.46 N 147.97 E, 35km, m 5.2 ISC
PRU	eiP 23 46 08, eipP 46 20, e 48 07, D 78.4
AUG11	23 39 28 Japan 42.91 N 146.79 E, 21km, m 5.0 ISC
PRU	eiP 23 51 28.7, D 78.5
AUG11	23 42 04 Kurile Isl. 43.66 N 147.78 E, 46km, m 5.5 ISC

PRU	eP 23 54 00, D 78.2
AUG11	23 48 54 Kurile Isl. 43.70 N 148.4 E, 89km, m 5.2 ISC
PRU	eiP 00 00 47, D 78.4
AUG11	23 52 58 Molucca Passage 1.81 N 126.41 E, 44km, m 6.0 ISC
PRU	eiP 00 06 51.7, e 09 45, D 102.5
AUG12	00 15 24.8 Kurile Isl. 43.37 N 148.0 E, 29km, m 5.2 ISC
PRU	eiP 00 27 25, D 78.5
AUG12	00 19 08.9 Kurile Isl. 43.20 N 146.72 E, 57km, m 4.7 ISC
PRU	eiP 00 31 04, D 78.2
AUG12	00 25 40 Kurile Isl. 44.30 N 148.69 E, 2km, m 5.1 ISC
PRU KHC	eiP 00 37 40.7 (1.1s 36mu), m 5.4, D 78.0 eiP 00 37 46.7, D 79.0
AUG12	00 39 29.2 Kurile Isl. 45.6 N 148.12 E, 0km, m 4.7 ISC
PRU	eP 00 51 22, D 76.6
AUG12	00 53 45.1 Tibet 32.31 N 82.99 E, 39km, m 4.5 ISC
PRU KHC	eiP 01 02 57.7, D 52.6 eiP 01 03 03, D 53.4
AUG12	00 53 34.3 Japan 42.91 N 147.40 E, 35km, m 5.0 ISC
PRU KHC	eiP 01 05 34 (1.5s 33mu), epP 05 45, e 07 29, m 5.1, D 78.7 eiP 01 05 40.3, eipP 05 51.7, ei 07 45, D 79.8
AUG12	01 03 11 Kurile Isl. 43.4 N 147.0 E, 62km, m 4.8 ISC
PRU KHC	eP 01 15 04, eiPcP 15 15, D 78.1 eiP 01 15 10, ei 15 29.7, D 79.2
AUG12	01 12 29.4 Kurile Isl. 43.98 N 147.96 E, 75km, m 4.3 ISC
KHC	eiP 01 24 28, D 79.0
AUG12	01 28 22.6 Kurile Isl. 43.80 N 147.63 E, 5km, m 4.9 ISC
PRU KHC	eiP 01 40 23.7, eiPcP 40 36, D 78.0 eiP 01 40 30, D 79.1

AUG12	01 34 58.6 Kurile Isl. 43.56 N 147.76 E, 46km, m 4.5 ISC
PRU KHC	eiP 01 46 55, D 78.3 eiP 01 47 01.5, eipP 47 12, D 79.3
AUG12	01 42 47 Kurile Isl. 43.0 N 146.9 E, 38km, m 4.9 ISC
PRU KHC	eiP 01 54 46, ei 55 34, D 78.4 eiPC. 01 54 52.5, D 79.5
AUG12	01 54 37.6 Kurile Isl. 43.8 N 148.2 E, 33km, m 4.5 ISC
KHC	eP 02 06 41, ei 06 53, D 79.3
AUG12	01 55 58 Kurile Isl. 43.76 N 148.33 E, 42km, m 4.5 ISC
PRU KHC	eP 02 07 56, D 78.3 eiP 02 08 01.3, D 79.4
AUG12	02 06 40 Kurile Isl. 43.11 N 147.94 E, 30km, m 4.4 ISC
PRU KHC	eiP 02 18 41.7, D 78.7 eiP 02 18 47.6, D 79.8
AUG12	02 19 21.9 Kurile Isl. 43.84 N 148.48 E, 37km, m 4.6 ISC
PRU KHC	eiP 02 31 20.7, D 78.3 eiP 02 31 26.3, D 79.3
AUG12	02 31 09.6 Kurile Isl. 43.6 N 148.3 E, 0km ISC
PRU KHC	eiP 02 43 14.5, D 78.5 eiP 02 43 20.2, D 79.5
AUG12	02 34 41.1 Kurile Isl. 43.07 N 147.23 E, 26km, m 4.2 ISC
KHC	eP 02 46 48, D 79.6
AUG12	02 36 52.6 Kurile Isl. 43.70 N 148.36 E, 52km, m 5.0 ISC
PRA PRU KHC	eP 02 48 49, D 78.3 eiP 02 48 49 (2.2s 75mu), m 5.3, D 78.4 eiP 02 48 55.8 (1.0s 25mu), m 5.2, D 79.4
AUG12	03 09 05 Kurile Isl. 43.94 N 148.48 E, 30km, m 4.9 ISC
PRU KHC	eiP 03 21 04 (1.0s 23mu), m 5.3, D 78.2 eiP 03 21 10, D 79.3
AUG12	03 18 44 Kurile Isl. 44.01 N 148.4 E, 47km, m 4.5 ISC

PRU KHC	eiP 03 30 40, D 78.1 eiP 03 30 45.5, D 79.2
AUG12 KHC	03 30 23.1 Kurile Isl. 43.59 N 148.13 E, 39km, m 4.1 ISC eiP 03 42 27.4, ei 43.36, D 79.4
AUG12 PRA PRU KHC	03 33 37.8 Kurile Isl. 43.11 N 147.70 E, 35km, m 5.5 ISC eP 03 45 35, eS 55 35 (SH: 7s 1.8u), Lm 04 25 (LH: 13.5s 7.6u, LV: 13s 7.3u), M 6.2, MSH 6.3, D 78.6 iPC. 03 45 38.1 (2.0s 125mu), eisP 45 50, eiS 55 32 (SH: 9s 2.1u), Lm 04 22.5 (LH: 15s 7.8u), m 5.6, M 6.2, MPV 5.8, MSH 6.2, D 78.7 eiP 03 45 43.8 (2.0s 183mu), m 5.7, D 79.7
AUG12 PRU KHC	03 49 10.5 Kurile Isl. 43.67 N 148.0 E, 33km, m 4.7 ISC eP 04 01 09, D 78.3 eiP 04 01 15, D 79.3
AUG12 PRU KHC	03 58 25.2 Kurile Isl. 43.5 N 148.3 E, 44km, m 4.7 ISC eP 04 10 24, ei 10 38, D 78.6 eiP 04 10 30.3, D 79.6
AUG12 PRU KHC	04 12 50 Kurile Isl. 43.53 N 146.65 E, 57km, m 4.9 ISC eiPC. 04 24 43.7 (1.0s 22mu), m 5.0, D 77.9 eiPC. 04 24 50 (1.0s 28mu), m 5.1, D 79.0
AUG12 PRU KHC	04 26 51.3 Kurile Isl. 43.46 N 147.61 E, 41km, m 4.6 ISC eP 04 38 49, eipP 39 01.6, D 78.3 eiP 04 38 55, eipP 39 07, D 79.4
AUG12 KHC	04 29 10 Kurile Isl. 44.0 N 147.91 E, 31km, m 4.3 ISC eiP 04 41 12.8, D 79.0
AUG12 PRA PRU KHC	04 48 24 Japan 42.88 N 147.97 E, 25km, m 5.0 ISC eP 05 00 25, D 78.9 eiPC. 05 00 26.7, D 79.0 eiPC. 05 00 32.3, D 80.0
AUG12 PRU PRA KHC	04 53 33 Kurile Isl. 43.24 N 147.74 E, 10km, m 5.7 ISC iPD. 05 05 36.2 (1.2s 103mu), eiPcP 05 48.5, m 5.7, D 78.6 eP 05 05 36.5, D 78.5 eiPD. 05 05 41.8, D 79.6

AUG12 PRU PRA KHC	05 03 30.5 Kurile Isl. 43.45 N 147.98 E, 70km, m 6.0 ISC iPC.S.W. 05 15 26.3 (1.4s 385mu), isP 15 40, iS 25 18, Lm 46.5 (LH: 25s 94u), m 6.1, M 7.3, MPV 6.3, D 78.5 eP 05 15 27 (PV: 5.5s 8.2u), eS 25 20 (SH: 7s 10.5u), Lm 54 (LH: 16.5s 108u, LV: 17s 119u), M 7.3, MPV 7.2, MPH 7.1, MSH 7.1, D 78.4 iPC. 05 15 32.1 (1.3s 471mu), i 15 45.2, m 6.3, D 79.5
AUG12 KHC	05 08 58 Kurile Isl. 43.04 N 147.19 E, 27km, m 5.4 ISC eiP 05 21 03, D 79.6
AUG12 PRU KHC	05 53 30.2 Kurile Isl. 43.74 N 148.43 E, 44km, m 5.6 ISC eiPC. 06 05 27.2, eipP 05 40, eiS 15 22, Lm 37 (LH: 24s 51u), M 6.8, D 78.4 iPC. 06 05 33.2 (1.0s 188mu), m 6.1, D 79.4
AUG12 KHC	06 00 13 Kurile Isl. 43.33 N 147.39 E, 10km, m 4.7 ISC eiP 06 12 20.5, D 79.4
AUG12 PRU KHC	06 38 49 Kurile Isl. 43.15 N 147.58 E, 30km, m 5.3 ISC iPD. 06 50 49.2 (1.1s 44mu), m 5.5, D 78.6 eiP 06 50 55.3, D 79.6
AUG12 PRU KHC	06 42 57 Kurile Isl. 43.3 N 147.0 E, 23km, m 4.9 ISC eiPC. 06 54 56 (1.1s 17mu), eiPcP 55 08, m 5.0, D 78.2 eiP 06 55 02, D 79.3
AUG12 PRU KHC	06 49 31.2 Kurile Isl. 43.01 N 146.76 E, 37km, m 4.8 ISC eiPC. 07 01 29.5, D 78.4 eiP 07 01 35, D 79.5
AUG12 PRU	07 03 46.6 Kurile Isl. 43.26 N 147.66 E, 39km, m 4.9 ISC eiPC. 07 15 45.7 (1.0s 16mu), eipP 15 58, m 5.0, D 78.5
AUG12 PRU KHC	07 10 41 Kurile Isl. 43.69 N 148.17 E, 27km, m 5.4 ISC iPD. 07 22 40.2 (1.2s 54mu), m 5.6, D 78.3 iPD. 07 22 46.3 (0.9s 59mu), m 5.6, D 79.4
AUG12 PRU PRA KHC	07 38 12.1 Kurile Isl. 43.83 N 147.95 E, 44km, m 5.0 ISC eiPC. 07 50 08 (1.0s 27mu), m 5.3, D 78.1 eP 07 50 08, D 78.1 eiPC. 07 50 14 (0.9s 33mu), m 5.4, D 79.2

AUG12	07 54 49 Japan 42.75 N 146.83 E, 32km, m 4.9 ISC
PRA	eP 08 06 48, D 78.6
PRU	eiPC. 08 06 49, eisP 07 01, D 78.7
KHC	eiPC. 08 06 55, D 79.7
AUG12	08 02 54.7 Kurile Isl. 43.79 N 148.6 E, 30km, m 4.7 ISC
PRU	eiP 08 14 54.7, D 78.4
KHC	eP 08 15 00, D 79.4
AUG12	08 04 58.7 Kurile Isl. 44.0 N 148.54 E, 45km, m 4.5 ISC
PRA	eP 08 16 55, D 78.1
PRU	eP 08 16 56, D 78.2
KHC	eiP 08 17 01, eipP 17 12.2, D 79.2
AUG12	08 41 48 Kurile Isl. 43.69 N 148.58 E, 16km, m 4.5 ISC
PRU	eP 08 53 50, D 78.5
KHC	eiP 08 53 55, D 79.5
AUG12	09 15 43.4 Kurile Isl. 43.27 N 148.0 E, 0km, m 4.1 ISC
PRU	eP 09 27 50, D 78.6
KHC	eiP 09 27 50.5, D 79.7
AUG12	09 21 06 Kurile Isl. 43.11 N 147.59 E, 19km, m 4.4 ISC
PRU	eP 09 33 08, D 78.6
KHC	eiP 09 33 14, D 79.7
AUG12	09 23 25 Japan 42.4 N 148.2 E, 0km, m 4.3 ISC
KHC	eP 09 35 41, D 80.5
AUG12	09 25 39.8 Kurile Isl. 43.17 N 147.67 E, 40km, m 5.4 ISC
PRA	eP 09 37 39, eS47 32, Lm 10 06 (LH: 15.5s 6.3u, LV: 15s 3.9u), M 6.0, D 78.6
PRU	iPC. 09 37 39.2 (1.2s 104mu), eipP 37 49.7, eiS 47 32, eL 10 05, Lm 10.5 (LH: 20s 6.7u), m 5.7, M 6.0, MPV 5.7, MPH 5.9, D 78.6
KHC	iP 09 37 45.2 (1.3s 150mu), eipP 37 56, m 5.8, D 79.7
AUG12	09 33 42.2 Kurile Isl. 43.46 N 147.65 E, 27km, m 5.6 ISC
PRA	eP 09 45 41, Lm 10 16 (LH: 16s 5.9u, LV: 16s 5.3u), M 6.0, D 78.3
PRU	iPD. 09 45 41.2 (1.0s 73mu), ipP 45 50.7, ei 46 49, eS 55 34, Lm 10 15.7 (LH: 17s 6.7u, LV: 17s 2.7u), m 5.8, M 6.1, D 78.3

KHC	iPD. 09 45 47.2 (1.0s 108mu), ipP 45 56.1, m 5.8, D 79.4
AUG12	09 51 48 Kurile Isl. 43.5 N 147.1 E, 64km, m 4.0 ISC
PRU	eP 10 03 42, eipP 03 55.5, D 78.1
KHC	eiP 10 03 47, D 79.1
AUG12	09 54 34 Kurile Isl. 43.04 N 147.51 E, 25km, m 4.5 ISC
PRU	eP 10 06 35, D 78.7
KHC	eiP 10 06 41.5, D 79.7
AUG12	10 22 39.8 Kurile Isl. 43.0 N 147.74 E, 20km, m 4.5 ISC
PRU	eP 10 34 45, D 78.8
KHC	eiP 10 34 48.3, D 79.8
AUG12	11 21 23.3 Kurile Isl. 43.92 N 148.63 E, 39km, m 5.6 ISC
PRU	iPC.S.W. 11 33 19.7 (1.7s 411mu), ipP 33 32.2, eiS 43 12 (SV: 12s 1.4u, SH: 13s 6.5u), ei 43 54, ei(SS) 48 32, e 52 38, eL 59, Lm 12 05 (LH: 25s 70u), m 6.3, M 6.9, MPV 6.1, MPH 6.5, MSH 6.6, D 78.3
PRA	eP 11 33 22, eS 43 16 (SH: 11s 4.8u), Lm 12 04 (LH: 22s 69u), M 6.9, MSH 6.6, D 78.2
KHC	eiP 11 33 25.8 (1.1s 259mu), m 6.2, D 79.3
AUG12	11 28 20 Kurile Isl. 45.35 N 146.31 E, 0km, m 4.7 ISC
KHC	eiP 11 40 17.2, D 77.3
AUG12	11 32 24 Kurile Isl. 43.11 N 147.76 E, 6km, m 5.1 ISC
PRA	eP 11 44 28, Lm 12 11 (LH: 15s 38u, LV: 16s 46u), M 6.8, D 78.6
PRU	eiPC. 11 44 28 (1.2s 26mu), Lm 12 12, m 5.1, D 78.7
KHC	eiP 11 44 34 (1.2s 25mu), m 5.0, D 79.7
AUG12	11 34 05 Kurile Isl. 43.71 N 148.96 E, 68km, m 4.9 ISC
PRU	eP 11 46 01, D 78.6
KHC	eiP 11 46 07, D 79.6
AUG12	Unidentified shock
KHC	eiP 11 55 17.6
AUG12	11 56 57.5 Kurile Isl. 43.86 N 147.87 E, 55km, m 5.2 ISC
PRU	iPC. 12 08 52.2 (1.0s 46mu), eiPcP 09 02, ei 09 16, m 5.4, D 78.1
KHC	iPC. 12 08 58.0 (1.0s 45mu), eipP 09 09.2, m 5.4, D 79.1

AUG12	12 21 19 Molucca Passage 1.69 N 126.33 E, 30km, m 5.7 ISC
PRU	eiP 12 35 14, ei 35 42, D 102.5
PRA	eP 12 35 16, D 102.6
KHC	eiP 12 35 19, ei 35 31.5, ei 38 39.5, eiPP 39 37, D 103.4
AUG12	12 31 47.8 Japan 42.98 N 147.86 E, 31km, m 5.1 ISC
PRU	eiPC. 12 43 49 (1.2s 26mu), eipP 43 59, m 5.2, D 78.8
PRA	eP 12 43 51, D 78.8
KHC	eiP 12 43 55.8 (1.1s 29mu), eipP 44 05, m 5.2, D 79.9
AUG12	13 16 35 Kurile Isl. 43.67 N 148.54 E, 20km, m 4.8 ISC
KHC	eiP 13 28 42.3, eisP 28 53.6, D 79.5
AUG12	13 18 05 Kurile Isl. 43.60 N 148.17 E, 7km, m 5.5 ISC
PRU	iPD. 13 30 07.5 (1.4s 109mu), iPcP 30 18.7, Lm 14 08 (LH: 17s 3.4u, LV: 17s 4.2u), m 5.7, M 5.8, D 79.4
PRA	eP 13 30 08, ePcP 30 19, Lm 14 08 (LH: 15s 3.8u, LV: 16s 4.7u), M 5.8, D 78.4
KHC	eiP 13 30 13.5 (1.2s 119mu), iPcP 30 24.0, m 5.8, D 79.5
AUG12	13 23 20.7 Kurile Isl. 44.1 N 147.5 E, 40km, m 4.4 ISC
PRU	eiP 13 35 14.3, D 77.7
KHC	eiP 13 35 20.5, D 78.8
AUG12	13 26 32.4 Kurile Isl. 43.9 N 147.6 E, 45km, m 4.5 ISC
PRU	eiP 13 38 27, ei 38 41, D 78.0
KHC	eiP 13 38 33.8, ei 38 46.4, D 79.0
AUG12	14 33 03.7 Kurile Isl. 43.69 N 148.35 E, 38km, m 4.6 ISC
PRU	eP 14 45 02, eiPcP 45 14, D 78.4
KHC	eiP 14 45 08.5, eiPcP 45 19.5, D 79.5
AUG12	15 00 23 Kurile Isl. 43.82 N 149.0 E, 10km, m 4.2 ISC
PRU	eP 15 12 26, D 78.5
KHC	eiP 15 12 32, D 79.5
AUG12	15 12 19.5 Kurile Isl. 43.26 N 147.57 E, 10km, m 4.5 ISC
PRU	eP 15 24 22, eiPcP 24 34, D 78.5
KHC	eiP 15 24 28, eiPcP 24 40.5, D 79.5
AUG12	15 25 52.9 Kurile Isl. 43.24 N 147.76 E, 30km, m 4.5 ISC
KHC	eiP 15 37 52.6, D 79.6

AUG12	15 28 02.1 Kurile Isl. 44.23 N 148.94 E, 50km, m 5.0 ISC
PRU	eiPC. 15 39 58 (1.0s 26mu), eipP 40 11, m 5.1, D 78.1
KHC	eiP 15 40 03.7 (1.1s 48mu), m 5.3, D 79.2
PRA	ePcP 15 40 12, D 78.1
AUG12	Near shock
PRU	eiPg 15 57 48.7, eiSg 58 11, (D 1.6)
AUG12	15 50 00 Kurile Isl. 44.0 N 147.9 E, 45km, m 5.0 ISC
PRA	eP 16 01 50, D 77.9
PRU	eiPC. 16 01 53.7 (1.0s 21mu), eipP 02 05.7, m 5.2, D 77.9
KHC	eiP 16 01 59.7, eipP 02 11.6, D 79.0
AUG12	16 43 38 Kurile Isl. 43.63 N 148.13 E, 29km, m 4.7 ISC
PRU	eiP 16 55 36.6, eipP 55 46, D 78.4
KHC	eiPD. 16 55 42.8, eipP 55 52, D 79.4
AUG12	17 00 28 Kurile Isl. 43.91 N 148.27 E, 30km, m 4.5 ISC
PRU	eiP 17 12 25.5 (0.9s 14mu), m 5.1, D 78.2
KHC	eiP 17 12 31 (1.0s 17mu), m 5.0, D 79.2
AUG12	17 08 34 Kurile Isl. 43.54 N 148.37 E, 4km, m 4.8 ISC
PRU	eP 17 20 37, D 78.5
PRA	eP 17 20 41, D 78.5
KHC	eiP 17 20 43, D 79.6
AUG12	Unidentified shock
PRU	eP 17 57 28
KHC	eiP 17 57 33.2
AUG12	Unidentified shock
PRU	eP 18 28 51
KHC	eiP 18 28 53.3
AUG12	19 18 12.5 Kurile Isl. 44.4 N 148.72 E, 33km, m 4.3 ISC
PRU	eP 19 30 09, D 77.9
KHC	eiP 19 30 15, D 78.9
AUG12	19 20 40.8 Japan 42.98 N 146.83 E, 43km ISC
KHC	eiP 19 32 45, D 79.5

AUG12	21 04 32.1 Kurile Isl. 45.15 N 146.89 E, 0km ISC
KHC	eP 21 16 32, D 77.6
AUG12	21 16 11.6 Japan 42.87 N 146.77 E, 32km, m 5.5 ISC
PRA	eP 21 28 11, eS 38 20, Lm 22 07 (LH: 15s 1.1u, LV: 14s 0.9u), M 5.4, D 78.5
PRU	eiPC. 21 28 11.1 (1.0s 68mu), ei 28 16.3, Lm 22 05 (LH: 20s 1.4u), m 5.7, M 5.3, D 78.5
KHC	iPC. 21 28 16.8 (1.0s 91mu), iP 28 27.0, m 5.7, D 79.6
AUG12	21 56 33 Kurile Isl. 43.30 N 147.67 E, 24km, m 4.8 ISC
PRU	eiP 22 08 33.7, D 78.5
KHC	eiP 22 08 39.5, D 79.5
PRA	Lm 22 48, D 78.5
AUG12	22 22 17.5 Kamchatka 51.50 N 159.48 E, 41km, m 4.5 ISC
PRU	eP 22 33 54, epP 34 07, D 74.6
KHC	eiP 22 34 00.5, eipP 34 12.3, D 75.6
AUG12	23 05 55 Kurile Isl. 43.36 N 148.01 E, 15km, m 5.0 ISC
PRU	eiPC. 23 17 56.7, eiPcP 18 09, eS 27 50, eL 37, Lm 56 (LH: 16s 4.3u, LV: 16s 2.0u), M 5.9, D 78.5
PRA	eP 23 17 57, eS 28 00, Lm 56 (LH: 15.5s 4.3u, LV: 16s 4.2u), M 5.9, D 78.5
KHC	eiP 23 18 02.4, eiPcP 18 14.7, D 79.6
AUG12	23 15 48 Kurile Isl. 43.27 N 148.02 E, 22km, m 4.9 ISC
PRU	eiP 23 27 49 (1.0s 15mu), eisP 28 02, m 5.0, D 78.6
KHC	eiP 23 27 55.6 (1.0s 21mu), eisP 28 08.7, m 5.0, D 79.7
AUG12	23 49 30.6 Kurile Isl. 43.50 N 146.72 E, 57km, m 4.5 ISC
PRU	eP 00 01 25, D 78.0
KHC	eiP 00 01 29.3, D 79.0
AUG12	23 52 58 Japan 42.60 N 146.6 E, 48km, m 4.5 ISC
KHC	eiP 00 05 03, D 79.8
AUG13	00 07 06 Kurile Isl. 43.8 N 148.1 E, 40km, m 4.2 ISC
KHC	eiP 00 19 09, D 79.3
AUG13	00 18 33.1 Kurile Isl. 43.03 N 147.3 E, 57km, m 4.5 ISC
KHC	eiP 00 30 41, D 79.6

AUG13	01 02 15.1 Kurile Isl. 43.75 N 148.5 E, 42km, ISC
KHC	eiP 01 14 19.5, D 79.4
AUG13	01 37 29.4 Kurile Isl. 43.22 N 147.3 E, 33km, m 4.6 ISC
PRU	eP 01 49 29, D 78.4
KHC	eiP 01 49 35.2, D 79.5
AUG13	02 07 08.9 Kurile Isl. 43.92 N 148.73 E, 41km, m 4.9 ISC
PRA	eP 02 19 06, ePcP 19 18, e(S) 29 14, Lm 57 (LN: 17s 2.2u, LV: 17s 1.8u), (M 5.5), D 78.3
PRU	eiP 02 19 07.6 (1.7s 65mu), eisP 19 20.7, eL 46, Lm 51, (LH: 22s 2.2u), m 5.5, M 5.5, D 78.3
KHC	eiP 02 19 12.1 (1.0s 27mu), ei 19 26.1, ei 20 37, m 5.2, D 79.4
AUG13	02 28 06 Kurile Isl. 43.78 N 148.64 E, 31km, m 4.4 ISC
KHC	eiP 02 40 11, D 79.5
AUG13	03 29 12 Kurile Isl. 43.51 N 147.55 E, 15km, m 5.5 ISC
PRA	eP 03 41 10, eS 51 05, Lm 04 19 (LN: 15s 1.6u, LV: 18s 2.9u), (M 5.4), D 78.2
PRU	iPD. 03 41 12.7 (1.0s 45mu), ei 42 20, eiS 51 04, ei 51 21, Lm 04 19 (LH: 16s 1.9u), m 5.6, M 5.6, D 78.3
KHC	iPD. 03 41 18.2 (1.1s 59mu), i 41 31, m 5.5, D 79.3
AUG13	03 47 14 Kurile Isl. 43.94 N 148.68 E, 21km, m 4.7 ISC
PRU	eP 03 59 13.7, eisP 59 24.7, D 78.3
KHC	eiP 03 59 19, ei 59 33.5, D 79.3
AUG13	04 06 03 Greece 38.37 N 21.75 E, 24km, m 4.5 ISC
KHC	eP 04 08 54, ei 09 11, D 12.3
PRU	eP 04 09 06, e 09 15, D 12.7
AUG13	04 28 16.6 Kurile Isl. 43.58 N 148.19 E, 19km, m 5.3 ISC
PRU	eiPD. 04 40 17.5 (0.8s 20mu), eiPcP 40 25, m 5.3, D 78.4
KHC	eiPD. 04 40 23.5 (1.0s 43mu), ei 40 37, m 5.4, D 79.5
AUG13	04 43 41 Fiji 23.85 S 176.96 W, 303km, m 4.5 ISC
PRU	eiPKP2 05 03 05.7, D 152.4
KHC	eiPKP2 05 03 08, D 153.4
AUG13	05 54 54.3 Kurile Isl. 43.89 N 147.80 E, 45km, m 4.9 ISC
PRU	eiPC. 06 06 50 (1.0s 26mu), m 5.3, D 78.0

KHC	eiP 06 06 55.7 (1.0s 31mu), m 5.3, D 79.1
AUG13	06 10 25.3 Kurile Isl. 43.72 N 147.70 E, 47km, m 4.9 ISC
PRU KHC	iP 06 22 21.2 (1.0s 27mu), m 5.3, D 78.1 eiP 06 22 27 (1.0s 22mu), m 5.2, D 79.2
AUG13	07 24 03 Kurile Isl. 43.08 N 147.12 E, 16km, m 4.8 ISC
PRU KHC	eP 07 36 04, eiPcP 36 14, D 78.5 eiP 07 36 10.5, eiPcP 36 21.4, D 79.5
AUG13	08 31 33.1 Kurile Isl. 43.92 N 147.86 E, 41km, m 5.6 ISC
PRU KHC	iPC.S.W. 08 43 28.7 (PV1: 1.0s 89u, PV2: 0.9s 265u), eisP 43 43.7, eiS 53 16, ePS 54 03, e 59 28, e 09 02 20, eL 10, Lm 21.5 (LH: 18s 10.6u, LV: 18s 5u), m1 5.7, m2 6.4, M 6.3, D 78.0 iPC. 08 43 34.6 (PV1: 1.1s 102mu, PV2: 1.1s 380mu), ei 44 21.2, m1 5.8, m2 6.3, D 79.1
AUG13	09 20 34.8 Kurile Isl. 43.82 N 148.62 E, 37km, m 4.7 ISC
KHC	eiP 09 32 39, eipP 32 51.5, D 79.4
AUG13	09 28 08.9 Kurile Isl. 43.38 N 147.52 E, 33km, m 4.5 ISC
KHC	eiP 09 40 14, D 79.4
AUG13	10 07 21 Kurile Isl. 43.3 N 148.0 E, 90km ISC
PRU KHC	eP 10 19 13, D 78.6 eiP 10 19 19, D 79.7
AUG13	Near shock
PRU KHC	eiPg 11 09 12.7, eiSg 09 33.2, (D 1.5) e 11 09 18, eiSg 09 42
AUG13	12 13 06.7 Kurile Isl. 43.23 N 147.86 E, 14km, m 4.9 ISC
PRU KHC	eiPC. 12 25 09 (1.2s 19mu), eiPcP 25 22, m 5.0, D 78.6 eiP 12 25 15.1 (1.0s 22mu), eiPcP 23 28, m 5.0, D 79.7
AUG13	12 30 49.6 Kurile Isl. 43.41 N 147.76 E, 36km, m 5.0 ISC
PRU KHC	eiPC. 12 42 48 (1.0s 20mu), m 5.2, D 78.4 eiP 12 42 54 (1.0s 22mu), m 5.1, D 79.5
AUG13	13 37 15 Kurile Isl. 43.18 N 147.72 E, 40km ISC
KHC	eiP 13 49 20.8, ei 49 31.6, D 79.7

AUG13	14 28 52 Kurile Isl. 44.2 N 147.9 E, 49km, m 4.7 ISC
PRU KHC	eP 14 40 44, epP 40 57, ei 41 16, D 77.8 eiP 14 40 50, ei 41 21.6, D 78.9
AUG13	16 12 17.5 Vancouver Isl. 48.46 N 126.49 W, 33km, m 4.6 ISC
KHC	eiP 16 24 08.6, D 76.9
AUG13	Japan 42.80 N 146.74 E, 9km, m 4.8 ISC
PRU PRA KHC	eiP 17 19 14 (1.1s 24mu), eiPcP 19 26, eS 29 16, eL 48, Lm 53.4 (LH: 19s 1.2u), m 5.1, M 5.3, D 78.6 eP 17 19 14, Lm 58, D 78.6 eiP 17 19 19.5 (1.3s 23mu), eiPcP 19 31.2, m 4.9, D 79.7
AUG13	17 16 01.5 Kurile Isl. 43.69 N 148.51 E, 33km, m 4.7 ISC
PRU KHC	eiP 17 28 02.7, eipP 28 12, D 78.4 eiP 17 28 06, ei 28 18, D 79.5
AUG13	17 42 12 Kurile Isl. 43.93 N 148.41 E, 16km, m 4.5 ISC
PRU KHC	eP 17 54 12, D 78.2 eiP 17 54 18, D 79.2
AUG13	18 08 58 Kurile Isl. 43.85 N 149.08 E, 22km, m 4.8 ISC
PRU KHC	eiPC. 18 20 58.5 (1.0s 15mu), ei 21 14, m 5.0, D 78.5 eiP 18 21 04.2 (1.0s 28mu), m 5.1, D 79.5
AUG13	19 33 37.9 Kurile Isl. 43.90 N 147.89 E, 44km, m 5.2 ISC
PRA PRU KHC	eP 19 45 32, D 78.0 iPC. 19 45 33.7 (1.0s 53mu), m 5.6, D 78.0 iPC. 19 45 39.7 (1.0s 56mu), ei 45 54, m 5.5, D 79.1
AUG13	20 09 15 Kurile Isl. 43.52 N 148.31 E, 23km, m 4.6 ISC
PRA PRU KHC	eP 20 21 15, D 78.5 eiP 20 21 15, D 78.5 eiPD. 20 21 21.5, eisP 21 32, D 79.6
AUG13	21 12 51.5 Kurile Isl. 43.72 N 148.50 E, 30km, m 4.7 ISC
PRU KHC	eP 21 24 51, D 78.4 eiP 21 24 57, D 79.5
AUG13	22 42 06 Kurile Isl. 43 88 N 149.20 E, 30km, m 4.7 ISC
PRU KHC	eP 22 54 06, D 78.5 eiP 22 54 12.1, D 79.6
AUG13	22 57 08.3 Kurile Isl. 44.08 N 148.31 E, 36km, m 5.6 ISC
PRU	iPC. 23 09 04.5 (1.2s 155mu, PN: 2.5s 0.7u, PV: 2.5s 0.9u), iPcP 09 13.7, ei 09 30, eS 18 52 (SH: 17s 3.5u), eSS 24 01,

PRA KHC	e 28 06, eL 33, Lm 47 (LH: 19s 19u, LV: 20s 8u), m 6.0, M 6.5, (MPH 5.7), MPV 6.4, MSH 6.2, D 78.0 eP 23 09 05, e(pP) 09 16, eS 19 00, Lm 47 15 (LH: 16.5s 17.5u, LV: 20s 22.9u), M 6.5, D 78.0 iPC 23 09 10.5 (1.2s 300mu), m 6.2, D 79.1
AUG13 KHC	23 12 57 Kurile Isl. 43.9 N 148.4 E, 38km, m 4.7 ISC eP 23 25 00, D 79.3
AUG14 PRU KHC	00 12 37.6 Kurile Isl. 43.65 N 147.74 E, 46km, m 4.4 ISC eP 00 24 33, D 78.2 eP 00 24 40, D 79.3
AUG14 PRU KHC	00 29 32.7 Molucca Passage 1.57 N 126.19 E, 33km, m 5.2 ISC eP 00 43 32, D 102.6 eiP 00 43 34, D 103.4
AUG14 KHC	01 44 28 Kurile Isl. 45.1 N 148.2 E, 32km, m 4.4 ISC eP 01 56 24, D 78.2
AUG14 PRU KHC	01 47 28 Kurile Isl. 43.4 N 148.40 E, 63km, m 4.8 ISC eP 01 59 24, eipP 59 36.7, D 78.6 eiPC. 01 59 30.4, eipP 59 43, D 79.7
AUG14 PRU KHC	03 07 30.5 Kurile Isl. 43.09 N 147.55 E, 39km, m 4.8 ISC eP 03 19 31, eipP 19 42, D 78.6 eiP 03 19 36.1, eipP 19 48.2, D 79.7
AUG14 PRU KHC	03 22 51.2 Kurile Isl. 44.4 N 148.98 E, 33km, m 4.2 ISC eP 03 34 48, D 77.9 eiP 03 34 53.8, D 79.0
AUG14 KHC	03 37 45 Kurile Isl. 43.73 N 148.22 E, 20km, m 4.7 ISC eP 03 49 50, D 79.4
AUG14 PRU KHC	04 47 52.4 Kurile Isl. 43.38 N 147.74 E, 30km, m 4.8 ISC eiPC. 04 59 52 (1.1s 18mu), eisP 05 00 04.5, m 5.1, D 78.4 eiPC. 04 59 58 (1.0s 20mu), m 5.1, D 79.5
AUG14 PRU	05 41 29 Kurile Isl. 43.4 N 147.9 E, 25km, m 4.4 ISC eP 05 53 29, eisP 53 41.7, D 78.5

KHC	eiP 05 53 35.5, eisP 53 48, D 79.6
AUG14 PRU KHC	06 06 41.7 Kurile Isl. 43.90 N 148.92 E, 37km, m 4.7 ISC eiP 06 18 40.5 (1.0s 15mu), esP 18 54, m 5.1, D 78.4 eiP 06 18 46.5 (1.2s 23mu), eisP 18 59.2, D 79.4
AUG14 PRU KHC	08 59 47 Kurile Isl. 43.14 N 147.59 E, 11km, m 4.7 ISC eiPC. 09 11 49.7 (1.2s 18mu), m 5.0, D 78.6 eiP 09 11 55.8 (1.1s 15mu), ei 12 07, m 4.8, D 79.7
AUG14 KHC PRU	Explosion of 3 Tons: Czechoslovakia 49.43 N 13.27 E PRU eiPg 10 41 15.5, eiSg 41 23, (D 0.8) ePg 10 41 17, eiSg 41 27
AUG14 PRU KHC	11 51 13.6 Kurile Isl. 43.23 N 147.39 E, 42km, m 4.8 ISC eiP 12 03 12, eipP 03 23.7, D 78.4 eiP 12 03 17.7 (0.9s 13mu), eipP 03 29, m 4.9, D 79.5
AUG14 PRU KHC	12 16 14.7 Kurile Isl. 43.54 N 148.16 E, 32km, m 4.6 ISC eiP 12 28 14, eipP 28 24, D 78.4 eiP 12 28 19.6 (1.0s 13mu), m 4.8, D 79.5
AUG14 PRU KHC	13 31 42 Japan 42.89 N 147.21 E, 20km, m 4.7 ISC eP 13 43 44, esP 43 55, D 78.7 eiP 13 43 50.4, D 79.7
AUG14 PRA PRU KHC	14 19 03.6 Kurile Isl. 43.14 N 147.44 E, 46km, m 6.2 ISC eiP 14 31 00, ei 31 49, eS 40 59 (SH: 8s 10.9u), Lm 11 (LH: 14s 70.5u), M 7.1, MSH 7.0, D 78.5 iPC. 14 31 02.3 (1.2s 345mu), ipP 31 15.2, ei 31 49, e 34 22, eiS 40 58 (SH: 7s 12u), ei 41 32, ei(SS) 46 30, e 50 16, eL 56, Lm 15 05 (LH: 17s 54u, LV: 15s 27u), m 6.3, M 7.3, MPH 6.6, MSH 7.0, D 78.5 iPC. 14 31 08.0 (1.4s 615mu), i 31 54, ei 32 58.1, m 6.3, D 79.6
AUG14 KHC PRU	14 38 16.6 Kurile Isl. 43.25 N 147.76 E, 15km, m 4.7 ISC eP 14 50 26, D 79.6 eiP 14 50 32, D 78.6
AUG14 PRU KHC	15 11 19 Kurile Isl. 43.24 N 147.66 E, 1km, m 4.1 ISC eP 15 23 24, ei 23 37, D 78.5 eiP 15 23 30.4, D 79.6

AUG14	15 13 50.7 Kurile Isl. 43.06 N 147.62 E, 43km, m 4.6 ISC
PRU KHC	eiP 15 25 51.2, eipP 26 04, D 78.7 eiP 15 25 56.5, ei 26 10.4, D 79.7
AUG14	15 19 30 Kurile Isl. 43.2 N 147.65 E, 38km, m 4.6 ISC
KHC	eiP 15 31 34.5, D 79.6
AUG14	15 27 46 Japan 42.8 N 147.9 E, 85km, m 4.3 ISC
PRU KHC	eiP 15 39 42.5, D 79.0 eiP 15 39 49, D 80.1
AUG14	15 38 14 Kurile Isl. 43.10 N 147.84 E, 2km, m 4.9 ISC
PRU KHC	eP 15 50 19, ei 50 32, D 78.7 eiP 15 50 24.6, ei 50 37.2, D 79.8
AUG14	16 27 37.6 Kurile Isl. 43.94 N 148.51 E, 28km, m 5.1 ISC
PRU PRA KHC	eiPD. 16 39 36 (1.0s 30mu), m 5.4, D 78.2 eP 16 39 36, D 78.2 eiPD. 16 39 42 (0.9s 28mu), m 5.3, D 79.3
AUG14	16 58 41.7 Kurile Isl. 43.15 N 147.69 E, 40km, m 4.9 ISC
PRU KHC	eP 17 10 42 (1.0s 22mu), eipP 10 54, m 5.1, D 78.6 eiP 17 10 46.6 (0.9s 36mu), iPcP 10 49.0, ei 11 00, m 5.3, D 79.7
AUG14	17 05 52.1 Kurile Isl. 43.16 N 147.64 E, 34km, m 4.9 ISC
PRU PRA KHC	eiP 17 17 52, D 78.6 eP 17 17 52, D 78.6 eiP 17 17 58, D 79.7
AUG14	17 12 54.3 Kurile Isl. 43.1 N 147.3 E, 34km, m 4.0 ISC
PRU KHC	eP 17 24 55, esP 25 06, D 78.5 eiP 17 25 01.5, eisP 25 11.8, D 79.6
AUG14	Near shock
PRU	ePg 17 45 56, eiSg 46 13, (D 1.3)
AUG14	17 51 17 Kurile Isl. 43.03 N 147.91 E, 19km, m 4.9 ISC
PRU KHC	eiP 18 03 22, eiPcP 03 33, D 78.7 eP 18 03 25, ei 03 28.3, D 79.8

AUG14	18 21 36 Kurile Isl. 43.20 N 147.56 E, 23km, m 4.8 ISC
PRU KHC	eP 18 33 37, eisP 33 50, D 78.5 eiP 18 33 43.5 (1.1s 20mu), eisP 33 53.4, m 5.0, D 79.6
AUG14	20 15 39.1 Kurile Isl. 43.18 N 147.55 E, 16km, m 4.8 ISC
PRU KHC	eiP 20 27 41 (1.0s 15mu), eiPcP 27 53.5, m 5.0, D 78.5 eiP 20 27 47.4 (1.0s 15mu), m 4.9, D 79.6
AUG14	Near shock
PRU	ePg 21 15 47, e 16 18, eiSg 16 23.7, (D 2.9)
AUG14	21 10 55 Kurile Isl. 43.64 N 148.10 E, 17km, m 4.6 ISC
PRU KHC	eiP 21 22 56, eiPcP 23 06, D 78.3 eiP 21 23 01.7 (1.0s 17mu), m 5.0, D 79.4
AUG14	21 51 05.3 Turkey 39.52 N 27.87 E, 21km, m 4.7 ISC
KHC PRU PRA	eP 21 54 22, D 14.0 eP 21 54 25, ei 55 22, eL 58 40, Lm 22 02.3 (LH: 13s 1.3u), M 4.2, D 14.1 eP 21 54 27, Lm 22 01, D 14.2
AUG14	22 12 22 Kurile Isl. 43.95 N 148.75 E, 27km, m 5.2 ISC
PRU PRA KHC	eiPC. 22 24 20.7 (1.2s 52mu), ei 24 30, eL 52, Lm 55.5 (LH: 25s 1.4u), m 5.5, M 5.2, D 78.3 eP 22 24 22, Lm 23 04 (LH: 11s 0.6u), M 5.2, D 78.2 eiP 22 24 26.5 (0.8s 51mu), m 5.6, D 79.3
AUG14	Unidentified shock
PRU KHC	e 23 43 13 e 23 43 14
AUG14	23 48 37 Kamchatka 52.05 N 160.50 E, 41km, m 5.0 ISC
PRU KHC PRA	eiP 00 00 11.7 (1.0s 16mu), eiPcP 00 25, eL 30, Lm 39.6 (LH: 14s 0.8u), m 5.0, M 5.2, D 74.3 eiPC. 00 00 17.8 (1.0s 28mu), eiPcP 00 30.2, m 5.2, D 75.3 Lm 00 40 (LH: 13.5s 1.1u), D 74.3
AUG15	00 38 17 Japan 43.0 N 147.2 E, 45km, m 4.1 ISC
KHC	eP 00 50 21, D 79.6
AUG15	01 07 14.2 Kurile Isl. 43.16 N 147.53 E, 20km, m 4.4 ISC
PRU	eP 01 19 16, esP 19 28, D 78.6

KHC	eP 01 19 22, eisP 19 34.7, D 79.6
AUG15	01 43 12.1 Costa Rica 9.64 N 83.91 W, 9km, m 4.4 ISC
KHC PRU	eiP 01 56 01.6, ei 56 05.7, ei 56 31, D 87.7 eP 01 56 08, D 88.1
AUG15	02 25 52.8 Poland 50.22 N 19.12 E, Okm, m 2.7 WAR
KHC	eSn 02 27 38, eiSg 27 52, D 3.8
AUG15	03 37 52.9 New Guinea 3.45 S 144.39 E, 22km, m 5.3 ISC
PRU KHC PRA	ePKIKP 03 56 41, eiPP 57 51, D 117.3 eiPKIKP 03 56 41.5, D 118.3 ePP 03 57 53, D 117.3
AUG15	04 32 02.1 Kurile Isl. 43.17 N 147.79 E, 40km, m 5.7 ISC
PRA PRU KHC	eP 04 44 00, ePcP 44 11, ePP 47 00, eS 54 00, Lm 05 23 (LH: 15s 10.7u), M 6.3, D 78.6 iP 04 44 01.7 (1.1s 120mu, PN: 7s 0.7u, PV: 7s 0.7u), ipP 44 12.7, i 44 31, eiS 53 56 (SH: 11s 2.2u, SV: 11s 0.5u), ei 54 32, eSS 59 06, e 05 03 02, eL 12, Lm 22.5 (LH: 17s 14u, LV: 17s 5.4u), m 5.8, M 6.4, (MPH 6.2), MPV 5.8, MSH 6.1, D 78.6 iPC. 04 44 07.6 (1.0s 210mu), ipP 44 19.1, ei 45 07, ei 46 06.1 eiPP 47 07.6, m 6.1, D 79.7
AUG15	04 40 20 Kurile Isl. 43.8 N 147.4 E, 14km, m 4.8 ISC
KHC	eiP 04 52 22, D 79.0
AUG15	06 18 37.4 Kurile Isl. 43.47 N 147.72 E, 41km, m 4.9 ISC
KHC PRA	eiP 06 30 41.7 (1.1s 26mu), eipP 30 53, m 5.2, D 79.4 Lm 07 10, D 78.6
AUG15	07 15 38.4 Tibet 30.34 N 94.66 E, 33km, m 4.9 ISC
PRU KHC	eiP 07 25 54, D 61.3 eP 07 25 59, D 62.2
AUG15	07 21 48 Kurile Isl. 43.73 N 148.41 E, 22km, m 5.1 ISC
PRU PRA KHC	eiPC. 07 33 48 (1.2s 34mu), m 5.3, D 78.4 eP 07 33 48, D 78.3 eiP 07 33 54.5, eisP 34 04.6, D 79.4
AUG15	Near shock
PRU	eiPg 08 31 42, eiSg 31 58, (D 1.2)

AUG15	08 41 54.8 Marianas 21.57 N 143.10 E, 320km, m 5.9 ISC
PRU	iPC. 08 54 44.2 (1.5s 190mu), ei 54 52, ei 55 19, eipP 56 01, eiPP 58 40, ei 09 00 12, eiSKS 04 52, eiS 05 29, e 06 42, eiPS 07 32, eiSS 12 06, ei 14 02, Lm 36.5 (LH: 16s 2.8u), m 6.1, (M 6.8), D 95.5
PRA	eP 08 54 46, epP 56 00, ePP 58 42, e 09 00 12, eSKS 04 53, eS 05 30, epS 06 45, ePS 07 28, eSS 12.2, Lm 40 (LN: 13s 1.8u), D 95.5
KHC	iP 08 54 48.7 (1.4s 131mu), ei 55 10, eipP 56 04.9, eiPP 58 47.8, ei 09 01 37, m 6.0, D 96.5
AUG15	Unidentified shock
KHC PRU	eiP 09 11 32 eiP 09 11 37
AUG15	09 48 00.3 Kurile Isl. 43.74 N 147.75 E, 44km, m 5.0 ISC
PRU KHC	eiPC. 09 59 56 (1.0s 30mu), eipP 10 00 07.5, m 5.4, D 78.0 eiPC. 10 00 01.7 (1.1s 33mu), eipP 00 13.2, m 5.3, D 79.1
AUG15	10 02 25 Kurile Isl. 43.12 N 147.75 E, 90km, m 4.6 ISC
PRU PRA KHC	eP 10 14 19, eipP 14 34, ePP 17 16, eS 24 15, e 25 16, eL 43, Lm 53 (LH: 14s 5u), M 6.3, D 78.7 eP 10 14 20, eS 24 20, Lm 54 (LN: 15s 6.6u), (M 6.2), D 78.6 eiP 10 14 24.7, eipP 14 40, ei 14 53.2, D 79.7
AUG15	10 11 27 Japan 42.8 N 147.9 E, 69km ISC
KHC	eiP 10 23 31.5, D 80.0
AUG15	11 00 Explosion of 12 Tons: Czechoslovakia 49.54 N 13.43 E PRU
KHC PRU PRA	eiPg 11 00 37.4, iSg 00 43, D 0.42 eiPg 11 00 45, iSg 00 56.5, D 0.85 e 11 01 04, D 0.8
AUG15	11 29 51 Kurile Isl. 43.37 N 147.95 E, 23km, m 4.6 ISC
PRU PRA KHC	eiP 11 41 52, eisP 42 03.5, D 78.5 eP 11 41 53, D 78.5 eiP 11 41 58, eisP 42 10.3, D 79.6
AUG15	11 47 36 Kurile Isl. 43.09 N 147.5 E, 33km, m 4.3 ISC
KHC	eiP 11 59 42.5, ei 59 55.6, D 79.7
AUG15	13 00 Explosion of 3.6 Tons: Czechoslovakia 49.30 N 13.68 E PRU
KHC PRU	eiPg 13 00 45.2, iSg 00 47.8, D 0.18 eiSg 13 01 12, D 0.89

AUG15	13 01 Explosion of 5.3 Tons: Czechoslovakia 49.28 N 14.18 E PRU
KHC PRU	eiPg 13 01 20.2, eiSg 01 26, D 0.42 ipg 13 01 25.5, iSg 01 35.5, D 0.75
AUG15	Near shock
KHC PRU	e 15 44 42, e 45 10, eiSg 45 31.5 e 15 44 45, e 44 54, eSg 45 39
AUG15	16 56 18.9 Kurile Isl. 43.06 N 147.73 E, 35km, m 4.3 ISC
PRU KHC	eP 17 08 19, D 78.7 eiP 17 08 25, eipP 08 37, D 79.8
AUG15	17 00 45 Kurile Isl. 43.19 N 147.72 E, 16km, m 4.4 ISC
PRU KHC	eiP 17 12 48, D 78.6 eiP 17 12 52.3, D 79.7
AUG15	19 04 09.6 Fiji 23.56 S 179.90 W, 521km, m 4.9 ISC
PRU KHC	ePKHKP 19 23 04, eipPKP2 25 12, D 151.3 eiPKHKP 19 23 06.5, ei 23 20.4, eipPKP2 25 14.5, D 152.4
AUG15	20 47 46.1 Kurile Isl. 43.33 N 147.14 E, 38km, m 5.1 ISC
PRU PRA KHC	eiPC. 20 59 43.7 (1.2s 30mu), m 5.3, D 78.3 eP 20 59 45, D 78.2 eiPC. 20 59 49.2 (1.1s 28mu), ei 21 00 16.5, m 5.2, D 79.3
AUG15	20 53 15.9 Kurile Isl. 44.02 N 147.49 E, 33km, m 4.1 ISC
PRU KHC	eiP 21 05 12, D 77.8 eiP 21 05 18, eipP 05 27.8, D 78.8
AUG15	22 43 47.3 Kurile Isl. 43.02 N 147.53 E, 44km, m 5.1 ISC
PRA PRU KHC	eP 22 55 47, eS 23 05 43, Lm 35.5 (LH: 14.5s 1.5u), M 5.4, D 78.6 eiP 22 55 47 (1.4s 42mu), ipP 55 59.5, eS 23 05 40, eL 24, Lm 28.5 (LH: 20s 1.0u), m 5.3, M 5.2, D 78.7 eiP 22 55 52.4 (1.2s 38mu), m 5.2, D 79.7
AUG15	22 57 05 Kurile Isl. 43.45 N 147.9 E, 8km, m 3.9 ISC
PRU KHC	eP 23 09 08, eiPcP 09 17, D 78.4 eiP 23 09 13.2, D 79.5
AUG15	23 13 25 Kurile Isl. 43.2 N 147.2 E, 80km, ISC
KHC	eiP 23 25 36.5, D 79.5

AUG16	01 27 04.6 Kurile Isl. 43.71 N 148.14 E, 34km, m 4.6 ISC
KHC	eiP 01 39 09, D 79.3
AUG16	03 28 03 Kurile Isl. 43.18 N 147.65 E, 24km, m 4.8 ISC
PRU KHC	eiP 03 40 04 (1.0s 15mu), eisP 40 15, m 5.0, D 78.6 eiP 03 40 10 (1.0s 22mu), eisP 40 23.5, m 5.1, D 79.6
AUG16	06 24 34.4 Kurile Isl. 45.33 N 151.69 E, 30km, m 4.6 ISC
KHC	eiP 06 36 35.5 (1.0s 22mu), m 5.1, D 79.1
AUG16	08 47 44 Kurile Isl. 43.06 N 147.70 E, 2km, m 4.9 ISC
PRA PRU KHC	eP 08 59 48, D 78.7 eiP 08 59 48.7, ei 09 00 01, D 78.7 eiP 08 59 54.6 (1.0s 28mu), ei 09 00 06.2, m 5.1, D 79.8
AUG16	09 03 12 Kurile Isl. 43.93 N 148.51 E, 25km, m 5.2 ISC
PRA PRU KHC	eP 09 15 10, Lm 53.5 (LN: 16s 1.5u), (M: 5.3), D 78.2 eiP 09 15 10.7, eisP 15 21, Lm 46 (LH: 25s 1.4u), M 5.2, D 78.2 eiP 09 15 16 (1.0s 51mu), ei 15 32.1, m 5.5, D 79.3
AUG16	10 02 51 Kurile Isl. 43.34 N 147.86 E, 27km, m 4.3 ISC
KHC	eiP 10 14 57.6, ei 15 10, D 79.6
AUG16	10 05 06.6 Mid-Indian Rise 23.9 S 0.16 E, 33km, m 4.9 ISC
KHC	eiP 10 17 56.4, D 88.2
AUG16	12 44 08.6 Kurile Isl. 44.13 N 148.20 E, 48km, m 4.9 ISC
PRU KHC	eiP 12 56 02.7, D 77.9 eiP 12 56 09.1 (1.1s 37mu), ei 56 26.2, m 5.3, D 79.0
AUG16	Near shock
KHC	ePn 13 14 03, ei 14 13.5, eiSg 14 44
AUG16	15 15 30.9 Kurile Isl. 43.17 N 147.46 E, 49km, m 5.8 ISC
PRA PRU KHC	eiP 15 27 28, e 28 09, eS 37 25 (SH: 5s 1.1u), Lm 16 07.5 (LH: 15s 3.2u), M 5.8, MSH 6.3, D 78.5 iPC.S. 15 27 28.7 (PH: 4s 0.3u, PV: 6s 0.6u), eiPcP 27 39, eiS 37 20 (SH: 7s 0.9u), e 37 42, e 43 01, e 46 40, Lm 58 (LH: 16s 4.5u, LV: 14s 1.3u), M 6.0, (MPH 6.0), MPV 5.7, MSH 5.9, D 78.5 iP 15 27 35.2 (1.1s 345mu), ipP 27 48.1, ei 28 09.9, ei 29 12.8, m 6.2, D 79.6

AUG16	17 13 42.6 Kurile Isl. 43.07 N 147.57 E, 48km, m 5.5 ISC
PRA	eP 17 25 40, eS 35 38, Lm 18 05.5 (LH: 15s 1.6u), M 5.5, D 78.6
PRU	eiP 17 25 41, eipP 25 54, eS 35 34, eL 52, Lm 18 05 (LH: 17s 1.6u), M 5.5, D 78.7
KHC	iPC. 17 25 47.8 (1.1s 213mu), eipP 26 00, ei 26 49, m 6.0, D 79.7
AUG16	Near shock
PRU	eiPn 17 39 37, eiPg 39 40, ei(Sg) 40 07.5
AUG17	05 52 16.7 Kurile Isl. 43.11 N 147.56 E, 22km, m 4.5 ISC
KHC	eiP 06 04 24.2, ei 04 37, D 79.7
AUG17	08 25 07.5 Unimak Isl. 54.05 N 164.28 W, 46km, m 4.4 ISC
KHC	eiP 08 36 59, D 77.2
AUG17	10 10 33.1 Solomon Isl. 7.07 S 155.51 E, 97km, m 5.0 ISC
KHC	eiPKIKP 10 29 29, D 127.3
AUG17	11 36 39 Kurile Isl. 43.21 N 148.07 E, 5km, m 4.9 ISC
KHC	eiP 11 48 49.5, D 79.8
AUG17	11 54 55.1 Japan 42.64 N 141.47 E, 133km, m 5.6 ISC
PRU	eP 12 06 31, eipP 07 04, eS 16 04, e 17 06, D 76.7
KHC	iPC. 12 06 39.5, ipP 07 12.1, D 77.8
PRA	eS 12 16 10, D 76.7
AUG17	13 58 09.2 New Hebrides 18.53 S 169.0 E, 217km, m 4.7 ISC
KHC	eiPKP 14 17 20, D 143.6
AUG17	16 07 42.6 Fiji 18.06 S 178.39 W, 599km, m 4.8, ISC
PRA	ePKP 16 26 16, D 146.4
KHC	eiPKHKP 16 26 22.2, D 147.5
AUG17	18 09 09.3 Kurile Isl. 43.26 N 147.37 E, 41km, m 4.5 ISC
KHC	eiP 18 21 14, eipP 21 25, D 79.5
AUG17	18 26 40.2 Loyalty Isl. 22.15 S 170.21 E, 36km ISC
KHC	eiPKIKP 18 46 22, D 147.3

AUG17	20 13 09.3 Gulf of California 25.25 N 109.24 W, 38km, m 5.6 ISC
PRA	eP 20 26 08, e 28 02, e 31 42, e 39 00, Lm 21 09.5 (LH: 15s 68u), M 7.2, D 90.0
PRU	eP 20 26 08, e 28 00, e 31 30, e 36 45, eiPPS 38 54, eL 50, Lm 21 07 (LH: 18s 80u, LV: 18s 21u), M 7.1, D 90.1
KHC	eiP 20 26 14, ei 28 01.2, D 90.2
AUG18	00 08 41 Kurile Isl. 43.25 N 147.97 E, 18km ISC
KHC	eiP 00 20 50, D 78.6
AUG18	01 04 06 Easter Island Cordillera 55.97 S 123.35 W, 44km, m 5.3 ISC
PRU	ePKIKP 01 23 52, eiPKP2 24 16, ePP 27 48, e 48 26, eL 02 08, Lm 26.5 (LH: 24s 4u), M 6.1, D 154.3
PRA	ePKP 01 23 56, ePKP2 24 16, ePP 27 48, Lm 02 29, D 154.3
KHC	eiPKHKP 01 23 59, eipPKP2 24 22.5, D 153.3
AUG18	Unidentified shock
KHC	ei 02 33 01, ei 33 26.2
AUG18	02 55 31 Easter Island Cordillera 55.98 S 122.7 W, 33km, m 4.9 ISC
PRU	ePKIKP 03 15 20, Lm 04 09 (LH: 23s 3.2u), M 6.0, D 153.9
KHC	eiPKHKP 03 15 25, D 153.0
PRA	Lm 04 17 (LH: 13s 4.3u), M 6.3, D 153.9
AUG18	03 54 49 California 24.85 N 108.93 W, 20km, m 5.2 ISC
PRA	Lm 04 50, D 89.0
AUG18	05 25 49.6 Japan 34.19 N 140.73 E, 56km, m 4.9 ISC
KHC	eP 05 38 19, D 84.7
AUG18	06 51 15.6 Kurile Isl. 43.87 N 148.34 E, 35km, m 4.7 ISC
PRU	eP 07 03 13, eipP 03 21.7, D 78.2
KHC	eiP 07 03 19.5, ei 03 33.6, D 79.3
AUG18	07 37 41.6 New Hebrides 14.88 S 167.35 E, 141km, m 5.1 ISC
PRU	ePKIKP 07 56 52, e 08 00 03, eL 32, Lm 42 (LH: 18s 1.0u), M 6.0, D 138.6
PRA	Lm 08 48.5, D 138.6
AUG18	Unidentified shock

KHC	ei 09 40 11.7
AUG18	Near shock
KHC	ePg 10 30 25.5, eiSg 30 43.7, (D 1.4)
AUG18	10 49 42.9 Kurile Isl. 43.28 N 147.79 E, 39km, m 4.8 ISC
PRU	eiP 11 01 42.5 (1.0s 15mu), epP 01 54, m 5.0, D 78.5
KHC	eiP 11 01 48 (1.0s 20mu), m 5.0, D 79.6
AUG18	11 43 26 Kurile Isl. 43.77 N 148.61 E, 7km, m 5.5 ISC
PRA	eP 11 55 27, Lm 12 34 (LH: 15.5s 2.8u), M 5.7, D 78.4
PRU	iPC. 11 55 28.1 (1.5s 95mu), eiPcP 55 37.5, eS 12 05 20, eL 25, Lm 34 (LH: 16s 2.4u, LV: 17s 1.4u), m 5.7, M 5.7, D 78.4
KHC	iP 11 55 34.6 (1.0s 102mu), ei 55 55, m 5.7, D 79.5
AUG18	Near shock
KHC	ePg 14 15 35, eiSg 15 53, (D 1.4)
AUG18	14 09 45.6 Kermadec Isl. 29.37 S 177.37 W, 62km, m 5.3 ISC
KHC	eiPKIKP 14 29 36, eiPKP2 30 11.6, D 158.6
PRU	e 14 29 44, eiPKP2 30 07, D 157.5
AUG18	Near shock
PRU	eiPg 14 52 55, ei 53 14.5, eiSg 53 18, (D 1.7)
KHC	e 14 52 55, eiSg 53 30
AUG18	14 57 57 W. Pakistan 29.89 N 67.43 E, 14km, m 4.8 ISC
PRU	eP 15 06 07, D 44.2
PRA	eP 15 06 08, D 44.3
KHC	eiP 15 06 11.7 (1.1s 17mu), m 4.9, D 44.7
AUG18	16 29 32.9 Kurile Isl. 44.0 N 148.0 E, 46km, m 4.3 ISC
PRU	eiP 16 41 27.7, D 78.0
KHC	eiP 16 41 33.4, D 79.0
AUG18	Near shock
PRU	ePn 17 12 17, eiPg 12 20.2, ei 12 37, eiSg 12 47, (D 2.4)
KHC	e 17 12 32, ei 13 21, eiSg 13 35
AUG18	17 15 25.1 S.Sumatra 2.33 S 102.23 E, 158km, m 4.7 ISC
PRU	eiP 17 28 11, D 90.3
KHC	eiP 17 28 13, D 90.9

AUG18	18 29 22 Kurile Isl. 43.75 N 148.33 E, 18km, m 4.5 ISC
PRU	eiP 18 41 22.6, D 78.3
KHC	eiP 18 41 28.5, D 79.4
AUG19	01 05 26.6 Fiji 21.93 S 179.40 W, 11km, m 4.5 ISC
PRU	iPKHKPD. 01 24 10, eiPKP2 24 18.5, D 149.9
KHC	eiPKHKP 01 24 12.4, eiPKP2 24 23, D 151.0
AUG19	01 39 08 Sunda Strait 6.22 S 105.30 E, 37km, m 5.1 ISC
KHC	eP 01 52 32, ei 52 38, D 95.8
PRU	eiP 01 52 36, e 56 09, eSKS 02 03 06, eL 23, Lm 35 (LH: 23s 1.7u), M 5.5, D 95.2
AUG19	02 26 59 Norwegian Sea 74.30 N 10.4 E, 75km, m 4.3 ISC
PRU	eiP 02 32 11, D 24.5
PRA	eP 02 32 12, D 24.4
KHC	eP 02 32 16, D 25.3
AUG19	07 53 55.8 Fiji 20.24 S 177.64 W, 502km, m 4.5 ISC
PRU	iPKHKPD. 08 12 47.2, D 148.8
KHC	eiPKHKP 08 12 49.2, ei 12 57.3, D 149.8
AUG19	Near shock
PRU	ePg 08 57 54.7, eiSg 58 14.7, (D 1.5)
KHC	e 08 58 07, eiSg 58 22
AUG19	08 49 54.3 Kurile Isl. 43.60 N 148.13 E, 39km, m 5.7 ISC
PRU	iPD. 09 01 52.7 (1.2s 120mu), iPcP 02 02, i 02 46.7, ePP 04 52, ei 06 31.7, eiS 11 44 (SH: 6s 2.1u), eSS 17 02, eSSS 20 14, eL 32 24, Lm 40 (LH: 15s 22u, LV: 16s 12u), m 5.9, M 6.7, MPV 6.4, (MPH 6.7), MSH 6.4, D 78.4
PRA	eP 09 01 53, ePP 04 52, eS 11 46 (SH: 8s 2.3u), Lm 40 (LH: 15.5s 28.6u), (MLH 6.7), MSH 6.4, D 78.3
KHC	iPD. 09 01 58.2 (1.2s 156mu), iP 02 07.8, ei 02 50.8, ei 06 37.5, m 5.9, D 79.4
AUG19	09 05 32 Kurile Isl. 43.7 N 147.8 E, 43km, m 4.1 ISC
KHC	eP 09 17 32, D 79.2
AUG19	09 30 11.9 Kurile Isl. 43.52 N 148.25 E, 32km, m 4.5 ISC
PRU	eP 09 42 11, eiP 42 23, D 78.5
KHC	eP 09 42 17, D 79.6

AUG19	10 18 44 Kurile Isl. 43.46 N 148.19 E, 9km, m 4.5 ISC
PRU	eP 10 30 48, eiPcP 30 58.5, D 78.5
KHC	eP 10 30 52.5, D 79.6
AUG19	12 06 56 Kurile Isl. 43.86 N 148.84 E, 20km, m 4.5 ISC
PRU	eiP 12 18 56, D 78.4
KHC	eiP 12 19 01.5, eisP 19 14.1, D 79.5
AUG19	15 00 12 Kurile Isl. 43.52 N 148.16 E, 25km, m 4.3 ISC
PRU	eP 15 12 12, D 78.5
KHC	eP 15 12 17.5, D 79.5
AUG19	Near shock
KHC	ePg 15 45 21, eiSg 45 38.5, (D 1.3)
AUG19	17 26 11.4 S.Pacific Cordillera 56.8 S 142.4 W, 33km ISC
KHC	ePKIKP 17 46 14.5, ei 46 42.5, eiPKP2 47 07, D 163.7
PRU	e 17 46 25, eiPKP2 47 12, eiPP 50 57, e 18 11 32, e 17 48, eL 34, Lm 53 (LH: 22s 2.1u), M 6.0, D 164.7
AUG19	23 36 32.3 Kurile Isl. 43.07 N 147.35 E, 41km, m 4.5 ISC
PRU	eP 23 48 32, eipP 48 45, D 78.6
KHC	eiP 23 48 37.7, eipP 48 50.3, D 79.6
AUG20	01 27 47 Kurile Isl. 43.96 N 148.77 E, 16km, m 4.4 ISC
PRU	eP 01 39 47, D 78.3
KHC	eiP 01 39 52.5, D 79.3
AUG20	05 34 17 Kurile Isl. 43.27 N 147.77 E, 5km, m 4.3 ISC
PRU	eP 05 46 22.5, eiPcP 46 33, D 78.5
KHC	eiP 05 46 26, ei 46 29, ei 46 39.2, D 79.6
AUG20	06 38 23 Kurile Isl. 46.40 N 152.7 E, 53km, m 4.2 ISC
KHC	eiP 06 50 19, D 78.4
AUG20	07 50 09.8 Kurile Isl. 47.88 N 153.75 E, 111km, m 6.0 ISC
PRA	iPC. 08 01 47, eS 11 20 (SH: 7s 1.7u), Lm 40 (LH: 14s 3.0u), M 6.0, MSH 6.1, D 76.3
PRU	iPC. S.W. 08 01 48.2 (1.2s 1000mu, PH: 2s 1.5u, PV: 2s 1.7u), ei 01 56.7, i 03 39.7, ei 04 20, eiS 11 14, e 20 08, eL 26, Lm 40.4 (LH: 17s 3.4u, LV* 16s 1.7u), m 6.5, M 6.1, MPV 6.5, MPH 6.7, D 76.4

KHC	iPC. 08 01 53.9 (1.2s 553mu), eipP 02 23.8, ei 03 27.2, ei 04 34.6, m 6.3, D 77.3
AUG20	Near shock
PRU	ePg 09 04 05, eSg 04 25, (D 1.5)
AUG20	10 11 58 Kurile Isl. 43.32 N 147.86 E, 11km, m 4.7 ISC
PRU	eP 10 24 01, D 78.5
KHC	eiP 10 24 06.5, eiPcP 24 16.7, D 79.6
AUG20	11 23 32.1 Volcano Isl. 24.30 N 141.84 E, 74km, m 5.1 ISC
KHC	eP 11 36 40, eipP 37 03.5, D 93.6
AUG20	Near shock
PRU	ePg 12 04 40, eiSg 05 02, (D 1.6)
AUG20	16 33 44 Japan 39.57 N 144.34 E, 32km, m 4.6 ISC
PRU	eP 16 45 55, eL 17 20, Lm 35 (LH: 19s 1.0u), M 5.2, D 80.5
KHC	eiP 16 46 00.5, ei 46 11.2, D 81.6
AUG20	17 22 14 New Britain 5.27 S 149.56 E, 26km, m 4.9 ISC
KHC	ePKIKP 17 41 11, ei 41 22, D 122.6
PRU	ePP 17 42 43, D 121.6
AUG21	00 28 35.8 Kurile Isl. 43.31 N 148.08 E, 37km, m 5.1 ISC
PRA	eP 00 40 33, eS 50 36, Lm 01 14, D 78.6
PRU	eiPC. 00 40 35 (1.1s 28mu), eipP 40 47, eS 50 36, eL 01 09, Lm 14 (LH: 17s 1.0u), m 5.2, M 5.3, D 78.6
KHC	eiP 00 40 41.5 (1.1s 51mu), eipP 40 51, m 5.4, D 79.7
AUG21	02 03 53.7 Crete 34.89 N 26.55 E, 49km ISC
KHC	eiP 02 07 51.5, ei 08 24.3, D 17.2
PRU	eP 02 07 56, D 17.5
AUG21	02 43 58.4 Kurile Isl. 42.97 N 147.34 E, 15km, m 5.0 ISC
PRU	eP 02 56 00 (1.0s 30mu), eiPcP 56 12, ei 57 06, Lm 03 34 (LN: 16s 0.7u), m 5.3, (M 5.1), D 78.7
PRA	eP 02 56 00, ePcP 56 11, D 78.7
KHC	eiPC. 02 56 07.2 (1.5s 41mu), eiPcP 56 17.8, m 5.2, D 79.7
AUG21	03 32 08 Japan 42.95 N 147.26 E, 17km, m 5.1 ISC

PRA PRU KHC	eP 03 44 09, Lm 04 23 (LH: 13.5s 2.5u), M 5.6, D 78.6 eiPC. 03 44 10 (1.4s 42mu), ePcP 44 22, eS 54 05, eL 04 13, Lm 23 (LH: 16s 2.7u), m 5.3, M 5.7, D 78.6 eiPC. 03 44 16 (1.2s 29mu), eiPcP 44 27.8, ei 46 00.8, m 5.1, D 79.7
AUG21 PRU KHC	04 47 25 Japan 42.94 N 147.22 E, 19km, m 4.8 ISC eiPC. 04 59 27 (1.2s 17mu), m 5.0, D 78.6 eiPC. 04 59 32.8 (1.3s 21mu), eisP 59 44.5, m 4.9, D 79.7
AUG21 PRU KHC	05 10 32.6 Japan 42.96 N 147.17 E, 34km, m 4.8 ISC eP 05 22 34, D 78.6 eiP 05 22 39, D 79.7
AUG21 PRU KHC	07 21 25 Aleutian Isl. 51.73 N 174.54 E, 101km, m 4.3 ISC eP 07 33 10.7, D 77.2 eiP 07 33 15.6, eiPcP 33 26, D 78.2
AUG21 PRU PRA KHC	07 51 31.3 Kurile Isl. 43.72 N 147.12 E, 51km, m 4.9 ISC eiPC. 08 03 26 (1.0s 30mu), eiPcP 03 35, m 5.2, D 77.9 eP 08 03 26, D 77.9 eiP 08 03 31.5 (1.0s 39mu), m 5.3, D 79.0
AUG21 PRU KHC	13 21 55.4 Japan 36.42 N 141.03 E, 51km, m 4.5 ISC eP 13 34 10, e 34 27, D 81.8 eiP 13 34 15.7, D 82.9
AUG21 PRA PRU KHC	13 23 58.3 Kurile Isl. 43.62 N 148.09 E, 15km, m 5.5 ISC eP 13 35 59, eS 45 49, Lm 14 14 (LH: 15.5s 3.2u), M 5.7, D 78.3 iPD. 13 35 59.5 (1.0s 30mu), eiPcP 36 09, eiS 45 52, eL 14 04, Lm 14.3 (LH: 15s 2.6u, LV: 16s 1.5u), m 5.4, M 5.7, D 78.3 iPD. 13 36 05.3 (0.8s 51mu), iPcP 36 17.1, m 5.6, D 79.4
AUG21 PRU KHC PRA	13 47 36 Kamchatka 54.11 N 160.54 E, 82km, m 5.0 ISC eP 13 58 57, eL 15 06, Lm 21.5 (LH: 17s 3.8u, LV: 16s 1.6u), M 5.7, D 72.4 eP 13 58 58, ei 59 33.8, D 73.4 Lm 15 21 (LH: 16s 4.3u), M 5.8, D 72.4
AUG21 PRU KHC	17 14 30.4 Japan 39.46 N 144.52 E, 31km, m 4.7 ISC eP 17 26 42.7, D 80.7 eiP 17 26 48, D 81.7
AUG21	19 22 22.3 Fiji 18.15 S 177.71 W, 402km, m 4.0 ISC

KHC PRU	eiPKIKP 19 41 21, ei 41 25.1, eipPKP2 42 58, D 147.8 eiPKHKP 19 41 21.7, eipPKP 42 52, D 146.8
AUG22	04 40 25.1 Kurile Isl. 43.14 N 148.15 E, 46km, m 4.9 ISC
PRA PRU KHC	eP 04 52 25, eS 05 02.25, Lm 33 (LH: 13s 1.6u), (M 5.5), D 78.8 eiP 04 52 25 (1.0s 23mu), eiS 05 02 20, eL 22, Lm 31 (LH: 15s 1.9u), m 5.2, M 5.6, D 79.2 eiP 04 52 31 (PV1: 1.1s 21mu, PV2: 1.0s 33mu), ei 53 03.9, m1 5.0, m2 5.2, D 79.9
AUG22 PRU KHC	05 30 16 Kurile Isl. 43.24 N 147.64 E, 33km, m 4.4 ISC eP 05 42 15, D 78.5 eiP 05 42 21.2, D 79.6
AUG22 PRU KHC	07 12 28.5 Kurile Isl. 43.53 N 146.96 E, 49km, m 4.9 ISC iPC. 07 24 23.7 (1.0s 22mu), m 5.2, D 78.0 eiPC. 07 24 29.6 (1.0s 22mu), m 5.1, D 79.1
AUG22 KHC PRU	07 41 15.9 Fiji 21.01S 178.57 W, 582km, m 4.8 ISC eiPKIKP 07 59 57, eiPKHKP 08 00 02.7, eiPKP2 00 12, D 150.3 ePKHKP 08 00 00, eiPKP2 00 07, D 149.3
AUG22 KHC PRU PRA	10 23 15 Ascension Isl. 6.87S 12.25 W, 35km, m 4.6 ISC eiP 10 33 32.5 (1.5s 18mu), m 4.9, D 60.2 eiP 10 33 43, eL 46, Lm 11 00.4 (LH: 16s 4.9u), M 5.8, D 61.2 Lm 11 00 (LH: 17s 6.1u), M 5.8, D 61.2
AUG22 KHC	Near shock ePg 12 14 29, eiSg 14 49, (D 1.5)
AUG22 KHC	Unidentified shock ei 13 16 40
AUG22 PRU KHC	15 45 05.9 Solomon Isl. 7.59 S 155.92 E, 82km, m 5.0 ISC ePKIKP 16 04 02.7, D 126.9 eiPKIKP 16 04 04.5, ei 04 13, D 127.9
AUG22 PRU PRA KHC	17 34 20.6 Tonga 16.12 S 174.04 W, 159km, m 4.8 ISC iPKPC. 17 53 42, eipPKP 54 23, D 145.5 eiPKP 17 53 42, D 145.5 eiPKP 17 53 43, eipPKP 54 26.3, D 146.5

AUG22	23 29 44 Kurile Isl. 43.22 N 147.53 E, 35km, m 4.4 ISC
PRU KHC	eP 23 41 45, D 78.5 eP 23 41 49, D 79.6
AUG22	23 54 12.4 New Hebrides 18.24 S 168.30 E, 42km, m 4.7 ISC
KHC	eiPKP 00 13 38, D 143.1
AUG23	01 42 55 Tonga 15.47 S 173.24 W, 56km, m 4.9 ISC
PRA PRU KHC	ePKP 02 02 28, D 144.9 eiPKP 02 02 28, D 145.0 eiPKP 02 02 30.5, D 146.0
AUG23	02 02 05 Kurile Isl. 43.3 N 147.20 E, 38km, m 4.4 ISC
KHC	eP 02 14 09, D 79.4
AUG23	02 54 19.2 Japan 39.69 N 144.32 E, 36km, m 5.0 ISC
PRU PRA KHC	eiP 03 06 29 (1.0s 15mu), eipP 06 40, m 4.9, D 80.4 eP 03 06 29, D 80.4 eiPD. 03 06 35 (1.0s 20mu), eipP 06 46, m 5.1, D 81.4
AUG23	03 07 47 Kurile Isl. 44.0 N 146.9 E, 0km ISC
KHC	eiP 03 19 52.5, D 78.7
AUG23	03 49 29.8 Japan 39.72 N 144.30 E, 41km, m 4.7 ISC
PRU KHC	eP 04 01 40, D 80.3 eiP 04 01 45.6, D 81.4
AUG23	06 39 25 Japan 39.76 N 144.23 E, 38km, m 5.2 ISC
PRU PRA KHC	eiPD. 06 51 34 (1.0s 43mu), eipP 51 45, m 5.3, D 80.3 eP 06 51 34, D 80.3 iPD. 06 51 39.9 (1.0s 51mu), ipP 51 51.8, m 5.5, D 81.4
AUG23	06 47 44 Kurile Isl. 43.64 N 148.38 E, 13km, m 4.9 ISC
KHC PRA	eiP 06 59 52.8, ei 07 00 04.2, D 79.5 eP 06 59 58, D 78.4
AUG23	07 54 32 Solomon Isl. 7.62 S 155.98 E, 99km, m 5.0 ISC
KHC	eiPKIKP 08 13 29, D 128.0
AUG23	Near shock

PRU	ePg 08 20 55, eiSg 21 11, (D 1.2)
AUG23	Near shock
PRU KHC	eiPg 09 16 11, eiSg 16 26, (D 1.1) e 09 16 22, eiSg 16 41
AUG23	09 25 18 Japan 39.59 N 144.57 E, 4km, m 4.5 ISC
KHC	eP 09 37 35, ei 37 49.1, D 81.6
AUG23	Near shock
PRU KHC	ePg 12 56 55, eiSg 57 21, (D 2.0) e 12 57 03, eiSg 57 36.5
AUG23	13 27 38.1 Kurile Isl. 43.32 N 147.79 E, 37km, m 4.6 ISC
PRU KHC	eP 13 39 37, D 78.5 eiP 13 39 42.5, D 79.6
AUG23	14 52 57 Kurile Isl. 43.30 N 147.85 E, 25km, m 4.1 ISC
KHC PRU	eP 15 05 04.5, D 79.6 e(P) 15 05 06, D 78.5
AUG23	16 06 23 Congo 1.1 N 30.0 E, 0km, m 4.2 ISC
KHC	eiP 16 15 31.6, D 49.9
AUG23	19 16 18 Persia 34.03 N 58.96 E, 27km, m 4.9 ISC
KHC	eP 19 23 22, D 36.6
AUG23	19 56 43 Japan 39.61 N 144.41 E, 10km, m 4.9 ISC
PRU KHC	eP 20 08 57, ei 09 09, D 80.5 eiP 20 09 02.6, ei 09 13.8, D 81.5
AUG23	21 18 35 Kurile Isl. 43.4 N 147.60 E, 5km, m 4.1 ISC
PRU KHC	eP 21 30 39, D 78.4 eiP 21 30 44.5, D 79.4
AUG24	03 33 50 Kurile Isl. 43.07 N 147.65 E, 6km, m 4.7 ISC
PRU KHC	eP 03 45 55, ei 46 07.5, D 78.7 eP 03 46 00, ei 46 13, D 79.7
AUG24	04 50 11.1 Japan 39.86 N 144.23 E, 33km, m 4.4 ISC

KHC	eiP 05 02 38, D 81.3
AUG24	09 31 24 Balleny Isl. 61.28 S 154.3 E, 1km, m 4.9 ISC
KHC PRU	eiPKP2 09 51 42.5, D 154.9 ePKP2 09 51 43, D 155.1
AUG24	10 50 17.8 Japan 39.66 N 144.20 E, 33km, m 4.6 ISC
PRU KHC	eP 11 02 28, D 80.4 eiP 11 02 33.2 (1.0s 14mu), m 4.9, D 81.4
AUG24	13 09 25.7 Japan 39.76 N 144.26 E, 35km, m 4.4 ISC
PRU KHC	eP 13 21 35, D 80.3 eP 13 21 40, D 81.4
AUG24	15 03 38 Komandorsky Isl. 55.05 N 165.59 E, 33km, m 4.6 ISC
KHC	eP 15 15 10, D 73.6
AUG24	17 37 00.4 Tonga 22.45 S 174.8 W, 33km, m 4.4 ISC
KHC PRU	eiPKIKP 17 56 56, D 152.5 ePKHKP 17 57 01, D 151.0
AUG24	22 03 09.6 Japan 39.62 N 144.0 E, 89km, m 5.2 ISC
PRA PRU KHC	eP 22 15 12, epP 15 37, Lm 57, D 80.3 eiPD. 22 15 13.7 (1.5s 76mu), e 15 35, eL 46, Lm 23 10.8 (LH: 15s 1.3u), m 5.4, M 5.6, D 80.3 iPD. 22 15 19.6 (1.3s 70mu), ei 15 46.2, m 5.5, D 81.4
AUG24	23 42 39.3 Japan 39.6 N 144.5 E, 31km, m 4.4 ISC
KHC	eiP 23 54 55.5, ei 55 04.7, D 81.6
AUG25	01 06 20.2 Japan 39.68 N 144.43 E, 32km, m 4.9 ISC
PRU PRA KHC	eiP 01 18 32 (1.0s 15mu), eisP 18 41.7, m 4.9, D 80.4 eP 01 18 32, D 80.4 eiP 01 18 36.5 (0.9s 16mu), eipP 18 47.2, m 5.1, D 81.5
AUG25	01 12 05.4 Japan 39.52 N 144.54 E, 32km, m 4.9 ISC
PRU KHC	eP 01 24 16 (1.6s 37mu), eipP 24 26.7, m 5.2, D 80.6 eiP 01 24 23 (1.0s 22mu), eiPcP 24 32.2, m 5.2, D 81.7
AUG25	Near shock
PRU	eiPg 09 08 02.7, eiSg 08 19.2, (D 1.3)

AUG25	11 45 25.2 Japan 39.77 N 144.39 E, 35km, m 4.3 ISC
KHC	eP 11 57 41, D 81.4
AUG25	14 04 10 Kurile Isl. 43.1 N 147.0 E, 30km, m 4.6 ISC
PRU KHC	eiP 14 16 18, D 78.5 eiP 14 16 23.2, D 79.5
AUG25	17 03 00 Leeward Isl. 16.9 N 61.7 W, 103km, m 4.6 ISC
KHC PRU	eP 17 13 47, ei 14 37.3, D 67.8 eP 17 13 57, D 68.4
AUG25	18 07 26 Kurile Isl. 43.76 N 148.40 E, 25km, m 4.4 ISC
PRU KHC	eP 18 19 25, D 78.3 eiP 18 19 31.4 (1.0s 14mu), m 4.8, D 79.4
AUG25	20 23 42 Japan 39.63 N 144.3 E, 22km, m 4.2 ISC
PRU KHC	eP 20 35 54, D 80.4 eP 20 36 00, D 81.5
AUG25	20 41 27.3 Japan 39.59 N 144.32 E, 33km, m 4.7 ISC
PRU KHC	eiP 20 53 38, D 80.5 eiP 20 53 43.2, D 81.5
AUG25	Near shock
KHC	ePg 21 24 38, eiSg 25 03.8, (D 2.0)
AUG25	Unidentified shock
KHC	e 23 41 33, ei 42 38
AUG26	02 15 37.1 Albania 41.73 N 20.03 E, 28km, m 4.9 ISC
KHC PRA PRU	eiPn 02 17 44.5, i 18 03.1, eiSn 19 20.6, ei 20 40.8, ei 21 31.5, D 8.7 eP 02 17 51, e 19 39, eL 20 42, Lm 21 10 (LH: 7s 5.0u), M 4.7, D 9.2 eiPC. 02 17 51.7, ei 19 17, eiS 19 32, Lm 21 (LH: 11s 4.3u), M 4.5, D 9.1
AUG26	03 23 16 Tadzhikistan 37.28 N 72.73 E, 25km, m 4.8 ISC
PRU KHC	eP 03 31 14, D 42.9 eiP 03 31 20, D 43.7
AUG26	09 26 38 Fiji 17.93 S 176.22 W, 19km, m 4.8 ISC

PRA PRU KHC	ePKP 09 46 20, D 146.8 eiPKP 09 46 21, D 146.9 eiPKP 09 46 24.5, D 147.9
AUG26 KHC	13 01 28 Uganda 0.4 N 30.2 E, 0km ISC eP 13 10 22.5, D 50.6
AUG26 PRU PRA KHC	16 58 01.9 New Britain 5.82 S 151.3 E, 57km, m 5.5 ISC eiPKIKPC. 17 16 53.2, ei 17 05.2, e 26 46, eL 54, Lm 18 10 (LH: 23s 2.4u, LV: 22s 1u), M 5.9, D 123.0 iPKIKP 17 16 55, D 123.0 eiPKIKPC. 17 16 55.3, ei 17 07, ei 26 43, D 124.0
AUG26 PRA PRU KHC	20 28 03.9 Tonga Isl. 15.33 S 173.28 W, 40km, m 5.4 ISC ePKP 20 47 37, D 144.8 eiPKP 20 47 38.7, ei 47 53.7, D 144.9 eiPKP 20 47 40.6, ei 47 57.3, ei 48 14, ei 51 21, D 145.8
AUG26 PRU KHC	20 43 04 Kurile Isl. 43.27 N 147.83 E, 22km, m 4.8 ISC eiP 20 55 05, eisP 55 17, D 78.6 eiP 20 55 10.5, ei 55 24, D 79.6
AUG26 KHC	22 40 47.7 Iceland 66.54 N 17.7 W, 3km ISC eP 22 46 04, D 23.7
AUG26 PRU PRA KHC	22 47 25.9 Iceland 66.43 N 17.59 W, 33km, m 4.9 ISC eiP 22 52 30, ei 53 19.5, ei 56 50, eL 23 00, Lm 03.4 (LH: 14s 0.7u), M 4.3, D 23.2 eP 22 52 31, e(S) 56 53, D 23.1 eiP 22 52 35.2 (1.2s 43mu), m 4.9, D 23.6
AUG26 PRU KHC	23 39 07 Japan 39.83 N 144.34 E, 36km, m 4.9 ISC eiP 23 51 16.5, eipP 51 27.5, ePP 54 17, D 80.3 eiP 23 51 22.2, eipP 51 33.5, D 81.3
AUG27 PRU KHC	00 10 13 Kurile Isl. 43.19 N 147.73 E, 15km, m 4.8 ISC eP 00 22 15, D 78.6 eiP 00 22 21.3 (0.9s 16mu), m 4.9, D 79.7
AUG27 PRA PRU	01 10 24 Kurile Isl. 43.23 N 147.80 E, 14km, m 5.1 ISC eP 01 22 25, Lm 02 00 (LN: 14s 1.5u), MLN 5.4, D 78.6 eiPC. 01 22 26.2, eiPcP 22 38, eS 32 24, eL 51, Lm 55.5 (LH: 19s 1.6u), M 5.4, D 78.6

KHC	eiPC. 01 22 31.7 (1.0s 37mu), eiPcP 22 44.5, m 5.4, D 79.6
AUG27 PRA PRU KHC	01 12 53 Kurile Isl. 43.46 N 147.67 E, 41km, m 5.2 ISC eP 01 24 49, D 78.3 eiPC. 01 24 51.3 (1.2s 27mu), eipP 25 03.7, m 5.3, D 78.3 eiPC. 01 24 57.3 (1.0s 33mu), eipP 25 09.2, m 5.3, D 79.4
AUG27 KHC	01 17 08.6 Kurile Isl. 43.17 N 147.90 E, 34km ISC eP 01 29 15, D 79.7
AUG27 KHC	01 17 57.6 Kurile Isl. 45.44 N 146.4 E, 0km ISC eiP 01 29 54.5, D 77.2
AUG27 PRA PRU KHC	01 28 30 Kurile Isl. 43.20 N 147.78 E, 17km, m 4.9 ISC eP 01 40 30, D 78.6 eiP 01 40 32.7 (1.2s 21mu), eiPcP 40 45.5, m 5.1, D 78.6 eiPC. 01 40 38.5 (1.0s 20mu), eiPcP 40 51, m 5.0, D 79.7
AUG27 KHC	02 29 49 Kurile Isl. 43.36 N 147.81 E, 31km, m 4.7 ISC eiP 02 41 54.5, ei 42 07.2, D 79.5
AUG27 PRU KHC	02 31 16 Kurile Isl. 43.09 N 147.69 E, 18km, m 4.7 ISC eiP 02 43 18 (1.0s 16mu), eiPcP 43 30, m 5.0, D 78.7 eiP 02 43 24 (1.0s 17mu), eisP 43 35.5, m 4.9, D 79.7
AUG27 PRA PRU KHC	03 26 08 Kurile Isl. 43.20 N 147.83 E, 2km, m 5.3 ISC eiP 03 38 10, Lm 04 24, D 78.6 i.C. 03 38 12.4 (1.2s 52mu), ei 38 21.7, ei 39 24.5, eS 48 00, eL 04 07, Lm 11.5 (LH: 19s 2u), m 5.4, M 5.5, D 78.6 iPC. 03 38 18.1 (1.1s 69mu), ei 38 30.6, ei 39 11, m 5.5, D 79.7
AUG27 PRA PRU KHC	03 32 30 Kurile Isl. 43.20 N 147.69 E, 6km, m 5.1 ISC eP 03 44 33, D 78.5 iPC. 03 44 34.2 (1.2s 35mu), ei 44 46.7, m 5.3, D 78.6 iPC. 03 44 39.8 (1.2s 51mu), eiPcP 44 53.1, m 5.3, D 79.6
AUG27 PRU KHC	08 55 Explosion of 3.4 Tons: Czechoslovakia 49.31 N 16.44 E PRU eiPg 08 56 21, eiSg 56 41, D 1.4 ePg 08 56 31, eiSg 56 56.3, D 1.9
AUG27	Near shock

PRU KHC	iPg 10 58 02.5, eiSg 58 21.5, (D 1.4) ePg 10 58 18, eiSg 58 52, (D 2.7)
AUG27	12 12 42 Iceland 66.50 N 17.7 W, 33km, m 4.4 ISC
PRU KHC	eP 12 17 48, D 23.3 eiP 12 17 53, D 23.7
AUG27	Near shock
PRU	ePg 13 02 24, eiSg 02 40, (D 1.2)
AUG27	Near shock
KHC	ePg 16 04 30, eiSg 04 47.2, (D 1.2)
AUG27	Near shock
KHC PRU	eiPg 16 17 40, eiSg 18 01, (D 1.6) eiPg 16 17 40, eiSg 18 01.5, (D 1.6)
AUG27	19 12 15.8 Poland 50.22 N 19.13 E, 0km, m 2.7 WAR
KHC	e 19 13 59, eiSg 14 18, D 3.8
AUG27	19 23 10.3 Bonin Isl. 28.70 N 143.80 E, 20km, m 5.4 ISC
PRU KHC	eiPD. 19 36 08, D 89.7 eiP 19 36 13, D 90.7
AUG27	19 50 59.1 Japan 34.77 N 141.33 E, 39km, m 5.1 ISC
PRU KHC	eiP 20 03 23.7 (1.0s 23mu), m 5.4, D 83.4 eiPD. 20 03 28.9 (0.9s 21mu), ei 03 46, m 5.4, D 84.4
AUG28	03 58 36.7 Tadzhikistan 39.07 N 73.61 E, 22km, m 5.2 ISC
PRU	eP 04 06 30 (1.5s 40mu), ei 06 33.7, eiPP 08 10, ei 08 14, eS 13 00, eSS 16 00, eL 19 20, Lm 23 (LH: 14s 12.5u), m 4.9, M 5.9, D 42.5
PRA	eP 04 06 30, ePP 08 15, eS 13 04, Lm 23 (LH: 13.5s 13u), M 6.0, D 42.5
KHC	eiP 04 06 36.4 (PV1: 0.9s 10mu, PV2: 1.3s 54mu), ei 06 57, m1 4.5, m2 5.1, D 43.2
AUG28	04 06 27 Tadzhikistan 39.02 N 73.74 E, 73km, m 4.9 ISC
PRU KHC	eP 04 14 19, D 42.6 eiP 04 14 22.3, D 43.3
AUG28	04 44 17 Kurile Isl. 43.84 N 149.16 E, 40km, m 4.8 ISC

PRU KHC	eP 04 56 17, D 78.5 eiP 04 56 22.4, ei 56 34.7, D 79.6
AUG28	Near shock
PRU	ePg 14 01 54, eiSg 02 15, (D 1.5)
AUG28	13 54 10 Kermadec Isl. 31.66 S 177.58 W, 14km, m 5.5 ISC
KHC PRA PRU	eiPKIKP 14 14 12.6, ei 15 02.5, D 160.3 e 14 14 21, Lm 15 43 (LH: 17.5s 3.6u), M 6.1, D 159.6 ei 14 14 22, eiPKP2 14 50, e 17 02, e 25 20, eL 15 10, Lm 52 (LH: 17s 4.5u), M 6.4, D 159.6
AUG28	14 53 47.3 Kurile Isl. 43.3 N 147.3 E, 33km, m 4.4 ISC
PRU KHC	eP 15 05 47, D 78.3 eiP 15 05 51, ei 06 01.2, D 79.4
AUG28	16 15 47 Kurile Isl. 43.50 N 147.91 E, 43km, m 4.0 ISC
KHC PRU	eP 16 27 50.5, D 79.5 e(P) 16 27 57, D 78.4
AUG28	16 41 26.1 Kurile Isl. 43.49 N 147.7 E, 30km, m 4.0 ISC
KHC	eiP 16 53 30.4, D 79.4
AUG28	16 49 56.3 Kermadec Isl. 31.84 S 177.7 W, 23km, m 5.2 ISC
KHC PRA PRU	eiPKIKP 17 09 54.8, eiPKP2 10 37.4, ei 11 01, D 160.7 e 17 10 25, eiPKP2 10 33, D 159.7 eiPKP2 17 10 32.7, ei 10 39.7, eiPP 14 10, D 159.7
AUG28	18 24 03 Kurile Isl. 43.93 N 149.17 E, 20km, m 4.1 ISC
KHC	eP 18 54 09.5, ei 54 22.5, D 79.5
AUG28	21 35 18 Kurile Isl. 43.32 N 147.73 E, 7km, m 5.1 ISC
PRA PRU	eiP 21 47 18, Lm 22 25.5 (LH: 15.5s 4.9u), M 5.9, D 78.5 eiPC. 21 47 20.7 (1.9s 38mu), ei 47 34.5, ei 48 07, eS 57 14, eL 22 06, Lm 25 (LH: 16s 4.2u, LV: 16s 1.2u), m 5.3, M 5.9, D 78.5
KHC	iPC. 21 47 26.4 (1.1s 39mu), ei 47 40, ei 49 03.8, m 5.2, D 79.6
AUG29	01 01 58 Kurile Isl. 43.22 N 147.78 E, 16km, m 4.7 ISC
PRU KHC	eP 01 14 03, eiPcP 14 13.7, D 78.6 eiP 01 14 06, ei 14 19.4, D 79.6

AUG29	03 09 05 Kurile Isl. 43.24 N 147.80 E, 23km, m 5.0 ISC
PRA	eiP 03 21 05, ei 21 16, D 78.6
PRU	eiPC. 03 21 06 (1.0s 18mu), eisP 21 19, eL 51, Lm 59.4 (LH: 17s 1.0u), m 5.1, M 5.3, D 78.6
KHC	eiPC. 03 21 12.2 (1.0s 22mu), i 21 24.9, m 5.0, D 79.6
AUG29	06 45 04.4 Kermadec Isl. 31.82 N 177.5 W, 33km, m 4.7 ISC
KHC	ePKP2 07 05 44, D 160.8
AUG29	10 02 49.6 Burma 26.35 N 96.06 E, 72km, m 5.2 ISC
PRU	eiPC. 10 13 24.7, ei 13 42, D 65.0
KHC	eiP 10 13 29.3, ei 13 53, D 65.8
AUG29	Near shock
KHC	eiPg 11 54 45, eiSg 55 06.2, (D 1.6)
AUG29	Near shock
PRU	ePg 14 00 22, eiSg 00 50, (D 2.2)
KHC	e 14 00 59, eiSg 01 15
AUG29	17 24 01.7 Tonga 17.72 S 175.18 W, 243km, m 4.0 ISC
KHC	ePKHKP 17 43 20, D 147.9
AUG30	05 49 22 Kurile Isl. 43.1 N 147.5 E, 33km, m 4.3 ISC
KHC	eiP 06 01 27.7, D 79.6
PRU	e(P) 06 01 33, D 78.6
AUG30	06 52 33 Kurile Isl. 43.49 N 147.87 E, 33km, m 5.0 ISC
PRU	eiPC. 07 04 32.7, eipP 04 44, D 78.4
KHC	eiP 07 04 38.9 (1.0s 28mu), ei 04 55.2, m 5.2, D 79.4
AUG30	07 11 35 Kurile Isl. 43.50 N 147.93 E, 4km, m 5.6 ISC
PRU	eiPC. 07 23 37.7 (1.0s 91mu), eiPcP 23 49, ei 26 13, eiS 33 30, e 42 36, eL 08 00, Lm 02 (LH: 16s 22u, LV: 16s 10u), m 5.9, M 6.6, D 78.4
PRA	eiP 07 23 39.5, ei(PcP) 23 51, ePPP 28 18, e 29 34, eS 33 30, Lm 08 02 (LH: 15s 24u), M 6.5, D 78.4
KHC	eiPC. 07 23 43.5 (0.8s 113mu), m 5.9, D 79.5
AUG30	07 22 09.5 Kurile Isl. 43.46 N 147.87 E, 37km, m 4.7 ISC
PRU	eiP 07 34 08, D 78.4
PRA	eP 07 34 08, D 78.4

KHC	eiP 07 34 13, ei 34 26, D 79.5
AUG30	07 27 59.4 Kurile Isl. 43.4 N 148.0 E, 0km ISC
KHC	eP 07 40 10, D 79.6
AUG30	07 41 44.1 Kurile Isl. 43.60 N 147.89 E, 41km, m 5.2 ISC
PRU	eiPC. 07 53 41.7 (1.0s 22mu), eipP 53 54, m 5.2, D 78.3
PRA	eP 07 53 42, D 78.3
KHC	eiP 07 53 47.6 (1.1s 43mu), eipP 53 59.2, m 5.4, D 79.4
AUG30	07 54 28.9 Kurile Isl. 43.29 N 146.59 E, 40km, m 5.5 ISC
PRA	eP 08 06 25, eipP 06 35, D 78.1
PRU	eiP 08 06 25.2 (1.0s 91mu), eipP 06 36, m 5.9, D 78.1
KHC	eiP 08 06 31.1 (1.0s 105mu), eipP 06 42, m 5.8, D 79.2
AUG30	08 28 06.7 Kurile Isl. 43.49 N 147.70 E, 39km, m 5.3 ISC
PRA	eiP 08 40 04, epP 40 16, eSKS 50 10 (SH: 7s 1.4u), Lm 09 18 (LH: 15s 12.1u), M 6.4, MSH 6.2, D 78.3
PRU	iPC. 08 40 04.7 (2.5s 233mu), eipP 40 16, ei 40 41, Lm 09 18.4 (LH: 15s 12u, LV: 16s 4.6u), m 5.9, M 6.4, D 78.3
KHC	eiPC. 08 40 10.6 (1.0s 56mu), eipP 40 23.3, m 5.5, D 79.4
AUG30	08 37 21.9 Kurile Isl. 43.56 N 148.03 E, 52km, m 4.8 ISC
PRU	eP 08 49 18, ePcP 49 30, D 78.4
KHC	eiP 08 49 24.3, ei 49 37, D 79.4
AUG30	08 45 06.2 Kurile Isl. 43.64 N 147.62 E, 54km, m 4.3 ISC
KHC	eiP 08 57 08, ei 57 20.2, D 79.2
AUG30	08 48 04 Kurile Isl. 43.45 N 147.96 E, 31km, m 4.8 ISC
PRU	eP 09 00 04, eisP 00 16, D 78.5
KHC	eiP 09 00 09.8 (1.0s 16mu), eisP 00 22, m 5.0, D 79.5
AUG30	10 01 59.6 Kurile Isl. 43.45 N 147.90 E, 41km, m 4.8 ISC
PRU	eP 10 13 59, eisP 14 12, D 78.4
KHC	eiP 10 14 04.2 (1.0s 10mu), eipP 14 16, m 4.8, D 79.5
AUG30	10 11 38.1 Kurile Isl. 43.26 N 147.90 E, 36km, m 4.4 ISC
KHC	eP 10 23 45, D 79.7
AUG30	11 26 01.8 Kurile Isl. 44.20 N 147.3 E, 0km, m 4.2 ISC

KHC	e 11 38 08, ei 38 20.7, D 78.6
AUG30	12 51 57.5 New Britain 5.63 S 148.29 E, 162km, m 5.1 ISC
PRU KHC	eiPKIKP 13 10 32, D 121.2 eiPKIKP 13 10 33.5, D 122.2
AUG30	Near shock
PRU KHC	eiPg 14 40 58.2, ei 41 09.7, eiSg 41 12.7, (D 1.1) eiPg 14 41 06, eiSg 41 24, (D 1.4)
AUG30	18 40 52.8 Kurile Isl. 43.44 N 147.79 E, 45km, m 4.6 ISC
PRU KHC	eP 18 52 51, D 78.4 eiP 18 52 56, ei 53 07.5, D 79.5
AUG31	01 00 21 Japan 42.70 N 147.7 E, 81km, m 4.3 ISC
PRU KHC	eP 01 12 18, D 79.0 eiP 01 12 24, D 80.1
AUG31	10 52 55.2 New Hebrides 18.77 S 169.02 E, 207km, m 5.0 ISC
PRU KHC	ePKP 11 12 00, D 142.8 iPKP 11 12 05.1, ei 13 32.2, D 143.8
AUG31	13 05 08.3 S. Sumatra 4.45 S 102.38 E, 61km, m 5.4 ISC
PRA PRU KHC	iP 13 18 12, eipP 18 32, D 92.1 eiPC. 13 18 12.2 (1.0s 30mu), ei 18 32, e 22 09, m 5.6, D 92.0 eiP 13 18 14.6 (1.0s 16mu), m 5.3, D 92.5
AUG31	19 58 17 New Hebrides 18.17 S 168.17 E, 26km, m 5.0 ISC
PRU KHC	ePKP 20 17 45, D 141.9 ePKP 20 17 46, D 142.9
AUG31	20 48 19.2 Fiji 19.82 S 177.75 W, 368km, m 4.8 ISC
KHC PRU	ePKIKP 21 07 21.5, eiPKHKP 07 27, ei 07 33, D 149.4 ePKHKP 21 07 24, D 148.3
AUG31	22 17 02 Kurile Isl. 43.29 N 146.79 E, 39km, m 4.9 ISC
PRU KHC	eiPC. 22 28 59.2 (1.0s 23mu), eipP 29 09, m 5.3, D 78.2 eiPC. 22 29 04.6 (0.9s 21mu), eipP 29 15, m 5.2, D 79.2

SEP01	05 22 25.9 Tonga 20.52 S 174.27 W, 33km, m 4.5 ISC
PRU KHC	eiPKHKP 05 42 14, eiPKP2 42 26, D 149.8 eiPKHKP 05 42 16.5, eiPKP2 42 27.6, D 150.8
SEP01	08 14 55.3 Macquarie Isl. 58.89 S 149.1 E, 33km, m 4.9 ISC
KHC PRU	eiPKHKP 08 34 51, eiPKP2 35 05, D 152.6 e 08 34 55, ePKP2 35 03, D 152.6
SEP01	09 45 53 Japan 40.53 N 143.85 E, 2km, m 5.0 ISC
PRU PRA KHC	eP 09 58 03, eiPcP 58 10.7, D 79.5 eP 09 58 05, D 79.4 eiPC. 09 58 08.5, D 80.5
SEP01	09 49 53.1 Kurile Isl. 43.10 N 147.50 E, 45km, m 5.3 ISC
PRA PRU KHC	eiP 10 01 50, D 78.6 eiPC. 10 01 52.1 (1.5s 60mu), eipP 02 04.5, m 5.4, D 78.6 eiPC. 10 01 57, ipP 02 10.5, D 79.7
SEP01	10 32 22.3 Kermadec Isl. 30.58 S 177.66 W, 33km, m 4.9 ISC
PRU KHC	ePKP2 10 52 52, D 158.5 eiPKP2D. 10 52 56.4, ei 53 10.5, D 159.6
SEP01	12 09 25 Kermadec Isl. 30.61 S 177.7 W, 33km, m 4.8 ISC
KHC	ePKHKP 12 29 37, D 159.6
SEP01	18 13 30.9 Tonga 18.57 S 175.46 W, 224km, m 4.4 ISC
PRU KHC	ePKIKP 18 32 50, D 147.7 eiPKHKP 18 32 53.5, D 148.7
SEP01	23 16 13.5 Persia 30.83 N 49.66 E, 54km, m 4.9 ISC
PRU KHC	eiP 23 22 41, D 32.5 eiP 23 22 41, D 32.7
SEP02	02 06 17.8 Kermadec Isl. 31.51 S 176.96 W, 26km, m 5.2 ISC
PRU KHC	eiPKP2 02 26 53, D 159.6 iPKP2C. 02 26 58, D 160.7
SEP02	03 47 07.1 Argentina 27.78 S 66.62 W, 153km, m 5.5 ISC
KHC PRU	eP 04 00 56, ei 03 47, eiPKKP 16 42.5, D 104.5 eP 04 01 03, ePP 05 17, ePKKP 16 39, D 105.4

SEPO2	05 00 00 W. Russia 57.5 N 54.7 E BCIS
PRU KHC	eP 05 05 22 (1.0s 31mu), ei 05 31.7, ei 05 42, m 5.0, D 24.6 eiPD. 05 05 31.5 (1.3s 32mu), ei 05 43.5, m 4.8, D 25.6
SEPO2	Near shock
PRU	eiPg 10 44 25, eiSg 44 45, (D 1.5)
SEPO2	11 41 42 Ascension Isl. 7.10 S 13.18 W, 2km, m 4.9 ISC
KHC PRU	eiPC. 11 51 56.5, D 60.7 eP 11 52 02, ei 52 11.7, D 61.8
SEPO2	12 07 16.5 Japan 36.25 N 137.71 E, 10km, m 4.6 ISC
PRU	eP 12 19 31, D 80.5
SEPO2	13 30 07.6 Persia 30.22 N 57.74 E, 53km, m 4.9 ISC
KHC	eiP 13 37 23, D 38.2
SEPO2	15 19 58.5 Kurile Isl. 43.11 N 147.57 E, 10km, m 4.7 ISC
PRU KHC	eP 15 32 02, eiSP 32 14.7, D 78.6 eiP 15 32 07, eiSP 32 20, ei 32 32, D 79.7
SEPO2	Near shock
PRU	eiPg 17 18 07.2, eiSg 18 32, (D 1.9)
SEPO2	Unidentified shock
PRU KHC	eiP 22 43 49 eiP 22 43 52
SEPO3	04 19 28 Kurile Isl. 43.0 N 146.5 E, 58km, m 4.2 ISC
KHC	eP 04 31 28, D 79.4
SEPO3	05 13 47 Kermadec Isl. 31.93 S 177.86 W, 134km ISC
KHC	ePKP2 05 34 14, D 160.8
SEPO3	Near shock
KHC	ePg 09 03 49, ei 04 12.5, eiSg 04 17, (D 2.2)
SEPO3	Unidentified shock

KHC	e 09 44 57
SEPO3	16 20 27.6 Japan 31.59 N 140.15 E, 60km, m 5.3 ISC
PRA PRU	eiP 16 33 01, ePP 36 23, eS 43 41 (SH: 7.5s 1.2u), Lm 17 16 (LH: 11s 1.5u), M 5.7, MSH 6.3, D 85.6 eiPD. 16 33 02.7 (1.6s 50mu), ei 33 31, eiS 43 30, eiSPP 44 42, e(SS) 48 36, e 52 38, eL 17 05, Lm 13 (LH: 14s 2.4u), m 5.4, M 5.7, D 85.6
KHC	eiP 16 33 06.6 (2.0s 68mu), eipP 33 16.3, eiPP 36 30, m 5.4, D 86.6
SEPO3	21 35 12 Japan 42.77 N 147.02 E, 33km, m 4.4 ISC
KHC	eiP 21 47 18.5, D 79.8
SEPO3	21 01 31 Kurile Isl. 43.08 N 147.6 E, 35km, m 4.7 ISC
PRU KHC	eP 22 13 31, D 78.6 eiP 22 13 37.5, D 79.7
SEPO3	22 09 25 Japan 32.99 N 131.36 E, 114km, m 4.8 ISC
KHC	eiP 22 21 30, D 81.3
SEPO3	23 39 02 Persia 34.11 N 58.16 E, 31km, m 4.9 ISC
KHC	eiP 23 46 01.5, D 36.0
SEPO4	02 57 18.3 Hindu Kush 36.46 N 70.87 E, 220km, m 4.7 ISC
PRU	eiP 03 04 52, eipP 05 40, D 42.2
SEPO4	03 08 52.9 Kurile Isl. 46.59 N 153.53 E, 40km, m 5.6 ISC
PRA PRU	iP 03 20 44 (PV: 6s 2.7u), eS 30 35 (SH: 8.5s 1.2u), Lm 59, (LH: 16s 9.9u), M 6.2, MPV 6.6, MSH 6.0, D 77.4 eiPC. 03 20 46.1 (1s 91mu; PV: 6s 1.1u), ei 21 08.7, ei(PF) 23 53, eiS 30 34 (SH: 7s 1.2u), e 30 58, eiPPS 31 44, eL 55 34, Lm 59 (LH: 17s 10u, LV: 17s 4.6u), m 5.9, M 6.2, MPH 6.6, MPV 6.2, MSH 6.1, D 77.5
KHC	iPC. 03 20 51.7 (1.0s 177mu), eipP 21 04, m 6.0, D 78.5
SEPO4	04 30 14.8 Japan 42.92 N 147.17 E, 10km, m 4.9 ISC
PRU KHC	eiP 04 42 19, eiPcP 42 30, D 78.6 eiP 04 42 25.5, eipP 42 36, D 79.7
SEPO4	04 34 46.4 Kurile Isl. 46.39 N 153.65 E, 7km, m 4.5 ISC
KHC	eiP 04 46 50, D 78.7

SEPO4	05 38 59.3 Kurile Isl. 45.54 N 150.78 E, 83km, m 5.0 ISC
PRU KHC	eiPC. 05 50 48, D 77.5 eiPC. 05 50 54 (1.0s 26mu), m 5.1, D 78.6
SEPO4	Near shock
KHC	ePg 09 34 12, eiSg 34 26, (D 1.1)
SEPO4	11 33 51 Kurile Isl. 43.31 N 147.44 E, 14km, m 4.7 ISC
PRU KHC	eP 11 45 53, D 78.4 eiP 11 45 59, D 79.5
SEPO4	Near shock
PRU	ePg 15 37 22, eiSg 37 40.7, (D 1.4)
SEPO4	17 18 48.6 Jordan-Syria 35.20 N 39.15 E, 45km, m 4.7 ISC
PRA PRU KHC	iP 17 23 53, e 28 18, D 23.3 eiPC. 17 23 53.7 (1.2s 87mu), ei 24 04.7, e(S) 28 10, m 5.2, D 23.2 eiP 17 23 54, (1.2s 31mu), ei 24 07.2, ei 24 38, m 4.7, D 23.4
SEPO4	19 25 26.6 Dodecanese Isl. 35.11 N 27.17 E, 43km, m 4.8 ISC
KHC PRU PRA	eiP 19 29 24.5, D 17.2 eP 19 29 30, ei 29 40.7, D 17.5 eP 19 29 31, Lm 37 (LH: 10.5s 0.9u), M 4.3, D 17.6
SEPO4	21 12 37.1 Kurile Isl. 43.68 N 147.50 E, 42km, m 5.7 ISC
PRA PRU KHC	iP 21 24 32.5 (PV: 3.5s 0.9u), iPcP 24 42, eS 34 24 (SH: 5s 0.6u), Lm 22 02 (LH: 15.5s 2.1u), M 5.6, MPV 6.4, MSH 6.0, D 78.1 iPC.S. 21 24 33.2 (1.5s 148mu), eiPcP 24 42, eiS 34 20, eL 50, Lm 22 02.7 (LH: 17s 2.3u, LV: 16s 1.0u), m 5.9, M 5.6, D 78.1 iP 21 24 39.1 (0.7s 139mu), ei 24 48.2, m 6.1, D 79.2
SEPO4	23 46 45 Kurile Isl. 43.24 N 146.58 E, 40km, m 4.7 ISC
PRU KHC	eiP 23 58 42, D 78.2 eiP 23 58 47.6, D 79.2
SEPO5	00 25 58.9 Tonga 17.96 S 173.33 W, 33km, m 4.7 ISC
KHC PRU	ePKIKP 00 45 40, ei 46 21, D 148.4 eiPKHKP 00 45 42, D 147.4
SEPO5	07 08 Explosion of 9.6 Tons: Czechoslovakia 49.33 N 13.13 E PRU

KHC PRU	eiPg 07 08 27, ei 08 34.5, D 0.36 ePg 07 08 35, eiSg 08 50, D 1.1
SEPO5	Near shock
KHC PRU	eiPg 10 44 03.5, eiSg 44 11, (D 0.6) eiPg 10 44 13.7, eiSg 44 28.7, (D 1.1)
SEPO5	11 15 01.6 Kurile Isl. 44.03 N 148.66 E, 43km, m 4.3 ISC
KHC PRU	eP 11 27 05, ei 27 15.2, D 79.2 e(P) 11 27 09, D 78.2
SEPO5	11 42 15.2 Taiwan 22.77 N 121.63 E, 40km, m 5.5 ISC
PRA PRU KHC	eiP 11 54 37, ePP 57 47, Lm 12 30 (LH: 15s 2.8u), M 5.7, D 83.2 eiPC. 11 54 38.7 (1.7s 112mu), esP 54 53, eiPP 57 50, eS 12 05 00, eL 22, Lm 30 (LH: 18s 3.0u), m 5.8, M 5.7, D 83.2 eiPC. 11 54 43.4 (1.4s 72mu), ei 55 09, eiPP 57 58, m 5.7, D 84.1
SEPO5	Near shock
KHC	ePg 13 08 44, eiSg 08 58, (D 1.1)
SEPO5	17 53 49.3 Turkey 38.94 N 37.22 E, 47km, m 4.5 ISC
KHC PRU	eP 17 58 16, D 19.7 eP 17 58 18, D 19.5
SEPO5	19 49 27.4 Fiji 16.01 S 176.45 W, 361km, m 4.5 ISC
PRU KHC	eiPKPC. 20 08 23, D 145.0 eiPKP 20 08 26.4, D 146.0
SEPO5	21 00 48 Kermadec Isl. 30.9 S 177.9 W, 38km, m 4.5 ISC
KHC	ePKP2 21 21 13, ei 21 44.6, D 159.8
SEPO5	22 06 17.6 Ryukyu Isl. 28.99 N 128.81 E, 113km, m 4.8 ISC
PRU KHC	eP 22 18 28, D 82.2 eiP 22 18 33.6 (1.0s 17mu), m 4.8, D 83.2
SEPO6	Probably near shock
KHC PRU	e 03 37 34, ei 38 46 e 03 37 43, e 38 42.7, ei 39 25
SEPO6	07 43 31.3 Kurile Isl. 43.70 N 147.39 E, 46km, m 5.5 ISC

PRU	IPC.S. 07 55 25.8 (2.0s 208mu), eipP 55 38.7, eiS 08 05 16, eL 23, Lm 33 (LH: 17s 2.0u, LV: 17s 1.0u), m 5.9, M 5.6, D 78.0
KHC	IPC. 07 55 32.8 (0.7s 87mu), ipP 55 44.2, ei 56 08.5, m 5.9, D 79.1
PRA	Lm 08 34, D 78.0
SEP06	11 41 52.7 Kurile Isl. 49.38 N 153.47 E, 189km, m 5.0 ISC
PRA	eP 11 53 12, D 74.9
PRU	eiP 11 53 14, epP 53 58.7, D 74.9
KHC	eiPD. 11 53 20.2 (1.2s 57mu), ei 53 26.2, eipP 54 03.4, m 5.2, D 76.0
SEP06	Near shock
PRU	eiPg 12 43 12.4, eiSg 43 35.7, (D 1.7)
KHC	e 12 43 16, eiSg 43 40.2
SEP06	14 30 43 N. Atlantic Ocean 36.96 N 11.84 W, 67km, m 5.5 ISC
KHC	IPC. 14 35 34.6 (1.0s 538mu), i 35 48.9, ei 38 23.5, D 22.1
PRU	IPC.S.E. 14 35 42 (PH: 3s 4.8u, PV: 4s 3.2u), ei 35 53, eiS 39 52, eL 42.5, Lm 44.5 (LH: 16s 24u), M 5.8, MPV 6.1, MPH 6.5, D 23.0
PRA	IPC. 14 35 42 (PH: 4.8s 5.5u, PV: 5.5s 7.2u), i 35 59, i 36 17, e 37 44, eS 39 50 (SH: 10s 7.7u), e 40 17, Lm 45 (LH: 12.5s 18.5u, LV: 10s 8.5u), M 5.9, MPH 6.6, MPV 6.5, MSH 6.1, D 23.0
SEP06	to SEP09 the seismograph SVSN (PRU) out of operation.
SEP06	14 49 59 Solomon Isl. 8.89 S 157.95 E, 31km, m 5.8 ISC
PRA	ePKIKP 15 09 07, Lm 16 11 (LH: 15s 3.2u), M 6.0, D 129.0
KHC	eiPKIKP 15 09 07.6, ei 09 13.1, D 130.0
SEP06	Unidentified shock
KHC	15 21 08.5
SEP06	16 17 15.2 Japan 30.02 N 140.73 E, 86km, m 5.2 ISC
PRA	eiP 16 29 52, D 87.2
KHC	eiP 16 29 57.6 (1.1s 22mu), ei 30 31.5, m 5.2, D 88.2
SEP06	17 08 04.4 Solomon Isl. 8.98 S 157.91 E, 17km, m 5.8 ISC
PRA	eiPKIKP 17 27 12, e 29 22, Lm 18 28 (LH: 15s 1.6u), M 5.7, D 129.1
KHC	eiPKIKP 17 27 15.5, D 130.1
SEP06	18 58 39 Kurile Isl. 43.14 N 146.78 E, 37km, m 4.6 ISC

KHC	eP 19 10 43, eipP 10 54, D 79.4
SEP06	20 30 40.3 Dodecanese Isl. 36.73 N 28.35 E, 72km, m 5.0 ISC
KHC	eiPD. 20 34 28.6, (1.0s 242mu), ei 34 45.1, ei 35 03.5, m 5.3, D 16.4
PRA	eiP 20 34 31, ei 34 46, e 37 45, D 16.7
SEP06	22 09 30.8 New Hebrides 18.70 S 169.16 E, 233km, m 4.8 ISC
KHC	eiPKP 22 28 37.8, D 143.8
SEP07	00 23 45.9 Japan 33.68 N 131.68 E, 101km, m 5.2 ISC
PRA	eP 00 35 41, D 79.9
KHC	eiP 00 35 50.2, D 80.9
SEP07	03 06 02 Solomon Isl. 8.92 S 157.75 E, 27km, m 5.5 ISC
KHC	eiPKIKP 03 25 11, D 130.0
SEP07	06 21 06.4 Solomon Isl. 9.08 S 157.92 E, 43km, m 5.2 ISC
KHC	ePKIKP 06 40 14, D 130.2
SEP07	06 40 34.9 Kurile Isl. 43.11 N 147.94 E, 10km, m 4.6 ISC
KHC	eiP 06 52 45.7, D 79.8
SEP07	08 40 34.4 Solomon Isl. 6.61 S 155.74 E, 174km, m 5.2 ISC
KHC	eiPKIKP 08 59 19.8, D 127.0
SEP07	12 33 49 Japan 42.93 N 146.90 E, 21km, m 4.6 ISC
KHC	eiP 12 45 56, D 79.6
SEP07	15 19 48 Yugoslavia 44.6 N 17.6 E, 0km ISC
KHC	ePn 15 21 05.5, eiPg 21 26, eiSn 22 11.2, D 5.3
SEP07	18 43 33 Kurile Isl. 43.44 N 148.19E, 3km, m 5.0 ISC
PRA	eP 18 55 35, D 78.5
KHC	eiP 18 55 44, ei 56 04, D 79.6
SEP07	20 04 13.6 Kurile Isl. 43.6 N 147.1 E, 84km, m 4.3 ISC
KHC	eP 20 16 10.7, ei 16 24, D 79.1

SEPO8	02 37 59.5 Kurile Isl. 43.01 N 147.20 E, 43km, m 4.5 ISC
KHC	eP 02 50 05, eipP 50 17.3, D 79.6
SEPO8	04 59 55 Ural 57.3 N 56.0 E BCIS
PRA	eiP 05 05 27, D 25.3
KHC	eiPD. 05 05 31.2 (1.0s 22mu), ei 05 43, m 4.7, D 26.3
SEPO8	12 45 35.9 New Ireland 5.16 S 153.35 E, 57km, m 5.2 ISC
KHC	eiPKIKP 13 04 30.5, ei 05 07.5, D 124.5
SEPO8	20 57 40.1 Kurile Isl. 43.87 N 148.1 E, 47km, m 4.8 ISC
KHC	eiP 21 09 42, eiPcP 09 52, D 79.2
SEPO9	03 25 02.5 Kurile Isl. 47.33 N 153.16 E, 70km, m 4.4 ISC
KHC	eiP 03 36 54, eiaP 37 09, D 77.7
SEPO9	05 15 39.7 Japan 35.77 N 137.08 E, 29km, m 5.5 ISC
PRA	eiP 05 27 48, eiPcP 27 54, epP 28 00, e 28 22, ePP 30 57, e 31 30, eS 38 02 (SH: 6.5s 1.2u), ePS 38 55, e 39 30, e 40 20, e 49 02, Lm 06 04 (LH: 14s 49u), M 7.0, MSH 6.2, D 80.7
PRU	eiP 05 27 52 (PV: 4s 0.6u), e 31 26, eS 37 52 (SH: 16s 2.2u), ei 38 06, ei 39 30, e 43 24, eL 59, Lm 06 04.5 (LH: 14s 45u, LV: 13s 10u), M 7.0, MPV 6.0, MSH 5.9, D 80.7
KHC	eiP 05 27 54.5, iPcP 27 59.4, D 81.7
SEPO9	Near shock
KHC	iPg 15 53 40.7, eiSg 53 55.2, (D 1.1)
SEPO9	20 37 00 Kurile Isl. 44.0 N 147.6 E, 101km, m 4.5 ISC
KHC	eP 20 48 56.5, D 78.9
SEPO9	23 52 39 Kurile Isl. 43.5 N 147.11 E, 55km, m 4.5 ISC
PRU	eP 00 04 33, D 78.1
KHC	eiPD. 00 04 39.5, D 79.2
	From SEP10 the operation of the station PRA interrupted because of the reconstruction of the seismic vault.
SEP10	03 26 59 Switzerland 46.1 N 7.9 E, 0km ISC
KHC	ePn 03 28 07, eiPg 28 24.5, eiSn 28 58, eiSg 29 22.5, D 4.9

PRU	eSn 03 29 22, e 29 34, eiSg 29 58, D 5.9
SEP10	07 46 54.2 Kurile Isl. 43.84 N 148.09 E, 24km, m 4.8 ISC
PRU	eP 07 58 53, D 78.2
KHC	eP 07 58 58, ei 59 04, ei 08 00 06, D 79.2
SEP10	12 14 00.8 Turkey 39.25 N 41.38 E, 52km, m 5.2 ISC
PRU	eiPC.12 18 50.5, e 20 24, ei 23 00, eL 35, Lm 31.2 (LH: 14s 3.2u, LV: 14s 1.5u), M 5.1, D 21.8
KHC	eiPC. 12 18 53.7 (2.0s 400mu), ei 19 44.5, m 5.5, D 22.1
SEP10	Near shock
KHC	iPg 15 29 48.5, eiSg 30 05, (D 1.3)
SEP10	Near shock
KHC	ePg 15 59 27.5, eiSg 59 39, (D 0.9)
PRU	eiPg 15 59 35, eiSg 59 50, (D 1.1)
SEP10	19 24 33.7 Japan 35.73 N 137.10 E, 10km ISC
PRU	eP 19 36 47, D 80.7
SEP10	21 00 01 Nuclear explosion "RULISON":Colorado 39.60 N 107.94 W, 0km USAEC, m 5.0 ISC
PRU	eP 21 11 58.5 (1.0s 13.5mu), m 5.0, D 77.6
KHC	eP 21 12 00 (1.2s 13mu), m 4.9, D 77.8
SEP11	03 17 01 Ryukyu Isl. 26.13 N 128.51 E, 11km, m 5.3 ISC
PRU	eiPC. 03 29 32 (1.6s 58mu), eipP 29 42, eS 40 02, eL 04 02, Lm 11.5 (LH: 12s 1.7u, LV: 12s 1.0u), m 5.6, M 5.7, D 84.3
KHC	eiPC. 03 29 36.8 (1.6s 63mu), eipP 29 46.5, ei 30 38, m 5.6, D 85.3
SEP11	04 01 57.5 E. Kazakstan 49.77 N 78.03 E, 0km, m 5.0 ISC
PRU	eP 04 09 35, D 39.8
KHC	eiP 04 09 43, D 40.7
SEP11	06 19 Explosion of 11 Tons: Czechoslovakia 48.73 N 14.50 E PRU
KHC	iPg 06 19 35.0, ei 19 39, eiSg 19 44.5, D 0.73
PRU	iPg 06 19 44.6, eiSg 20 01, D 1.3
SEP11	Near shock

PRU	eiPg 10 10 19.3, eiSg 10 33.3, (D 1.1)
SEP11	Near shock
PRU	eiPg 13 03 19, ei 03 23.7, eiSg 03 43, (D 1.8)
SEP11	Near shock
PRU KHC	eiPg 14 34 31.5, eiSg 34 44.7, (D 1.0) eiPg 14 34 35, eiSg 34 50, (D 1.1)
SEP12	02 15 29.3 Kurile Isl. 43.25 N 146.50 E, 46km, m 4.8 ISC
PRU KHC	eiP 02 27 25, D 78.1 eiPC. 02 27 31 (1.0s 17mu), eipP 27 42.5, D 79.2
SEP12	02 18 48.6 Fiji 17-90s 178.47 W, 600km, m 4.5 ISC
PRU KHC	eiPKIKP 02 37 24, D 146.3 ePKIKP 02 37 26.5, D 147.4
SEP12	03 14 45.7 Tonga 18.71 S 174.70 W, 143km, m 4.9 ISC
KHC PRU	eiPKIKP 03 34 14.5, eiPKHKP 34 19, eipPKP 34 48, ei 35 17, D 148.9 eiPKHKPD. 03 34 16, eipPKP 34 41, D 147.9
SEP12	05 08 01.8 Hindu Kush 36.43 N 70.91 E, 198km, m 4.9 ISC
PRU KHC	eiPD. 05 15 38, epP 16 19, eiPP 17 27, ei 18 15, D 42.3 eP 05 15 43, eipP 16 26.5, D 43.0
SEP12	07 15 49.8 Aleutian Isl. 51.09 N 179.18 W, 45km, m 5.1 ISC
PRU KHC	eiPC. 07 27 48 (1.0s 23mu), m 5.2, D 78.6 iPC. 07 27 53.5 (1.0s 39mu), eipP 28 07.5, eisP 28 16, m 5.3, D 79.6
SEP12	07 42 44.5 Aleutian Isl. 51.10 N 179.08 W, 54km, m 5.0 ISC
PRU KHC	eiPC. 07 54 41.2 (1.0s 15mu), m 5.0, D 78.6 eiP 07 54 47 (1.2s 27mu), m 5.1, D 79.6
SEP12	08 00 16 Aleutian Isl. 51.06 N 179.30 W, 39km, m 5.3 ISC
PRU KHC	eiPC. 08 12 14.4 (0.7s 19mu), eiPcP 12 21, m 5.4, D 78.6 iPC. 08 12 20.5 (0.9s 33mu), ei 12 27, m 5.5, D 79.6
SEP12	08 06 08.4 Aleutian Isl. 51.11 N 179.18 W, 49km, m 4.9 ISC
PRU	eiP 08 18 06 (1.1s 15mu), m 4.9, D 78.6

KHC	eiPC. 08 18 11.5 (1.2s 25mu), ei 18 35.3, m 5.0, D 79.5
SEP12	08 20 Explosion of 10 Tons: Czechoslovakia 49.83 N 14.70 E PRU
PRU KHC	iPgC. 08 20 58.2, ei 21 01, D 0.19 eiPg 08 21 13.5, eiSg 21 27.5, D 1.0
SEP12	08 57 06.9 Aleutian Isl. 51.27 N 179.17 W, 38km, m 5.9 ISC
PRU KHC	eiPC. 09 09 04.6 (1.1s 129mu, PN: 14s 2.5u, PV: 10s 1.9u), i 09 08.7, iPcP 09 14.0, e 11 45, e(PP) 12 16, eS 18 56, eiScS 19 30, eSS 24 10, eSSS 27 06, eL 32, Lm 50 (LH: 18s 31u, LV: 18s 17u), m 6.0, M 6.8, (MPH 6.6), MPV 6.2, D 78.4 iPC. 09 09 10.5 (1.1s 262mu), ei 09 36, m 6.2, D 79.4
SEP12	11 16 Explosion of 16.1 Tons: Czechoslovakia 50.53 N 14.05E PRU
PRU KHC	eiPg 11 16 52, ei 16 54.7, ei 17 08, D 0.63 eiPg 11 17 06.5, eiSg 17 27.5, D 1.4
SEP12	11 47 38.7 Kurile Isl. 43.20 N 147.71 E, 20km, m 4.4 ISC
PRU KHC	eP 11 59 41, esP 59 52.2, D 78.6 eiP 11 59 46.5, eisP 59 57.5, D 79.6
SEP12	Probably near shock
KHC PRU	e 13 42 54, ei 43 07, e 43 58 e 13 43 21, ei 43 52
SEP12	15 00 18.3 Aleutian Isl. 51.29 N 179.14 W, 48km, m 5.7 ISC
PRU KHC	eiPC. 15 12 14.5 (0.9s 37mu), e 23 04, eL 42, Lm 53.5 (LH: 17s lu), m 5.5, M 5.3, D 78.4 iPC. 15 12 20.6 (1.0s 75mu), ei 12 29, m 5.7, D 79.4
SEP12	Unidentified shock
PRU KHC	e 18 54 05 e 18 54 11
SEP13	00 32 37.2 Aleutian Isl. 51.41 N 179.17 W, 44km, m 4.9 ISC
KHC	eP 00 44 37.5, D 79.3
SEP13	00 34 30.8 Fiji 24.50 S 179.79 W, 491km, m 4.9 ISC
KHC PRU	eiPKIKP 00 53 25, eiPKHKP 53 32.5, eipKP2 53 47.5, D 153.3 eiPKHKPD. 00 53 30.7, eipKP2 53 43.7, D 152.2
SEP13	Unidentified shock

KHC PRU	e 07 18 10, ei 18 47.5 e 07 18 38, e 19 03
SEP13	Near shock
PRU KHC	eiPg 09 59 22.7, eiSg 59 41.5, (D 1.4) eiPg 09 59 36, ei 59 53, ei 10 00 11.5
SEP13	11 19 01.9 Japan 33.85 N 141.70 E, 24km, m 5.0 ISC
PRU KHC	eiP 11 31 33.2 (1.4s 31mu), ei 31 48.7, m 5.3, D 85.4 eiP 11 31 38.5 (1.3s 24mu), ei 31 44, m 5.3, D 84.3
SEP13	11 52 13 Kurile Isl. 43.13 N 147.59 E, 47km, m 5.5 ISC
PRU KHC	iPC. 12 04 11.7 (1.5s 119mu), eipP 04 24, ei 04 52, eS 14 00, eL 32, Lm 37 (LH: 20s 1.3u), m 5.7, M 5.3, D 78.6 iPC. 12 04 17.7 (1.4s 121mu), eipP 04 30.5, ei 04 37.5, m 5.6, D 79.7
SEP13	20 00 27.1 Japan 41.61 N 143.76 E, 40km, m 4.9 ISC
PRU KHC	eP 20 12 25, ePcP 12 35, D 78.5 eiPC. 20 12 32, ei 12 41.5, D 79.6
SEP13	23 01 26.3 Aleutian Isl. 51.36 N 179.26 W, 37km, m 4.6 ISC
PRU KHC	eP 23 13 24, D 78.4 eP 23 13 29.5, D 79.3
SEP14	01 15 24.8 Kurile Isl. 47.25 N 153.4 E, 40km, m 4.9 ISC
PRU KHC	eiP 01 27 14.2, D 76.8 eP 01 27 20, D 77.9
SEP14	06 11 55.1 Kurile Isl. 43.06 N 147.63 E, 42km, m 4.5 ISC
PRU KHC	eiP 06 23 57.5, esP 24 10, D 78.7 eP 06 24 00, ei 24 04, ei 24 16.7, D 79.7
SEP14	10 49 47.6 Aleutian Isl. 51.35 N 179.21 W, 44km, m 4.8 ISC
PRU KHC	eP 11 01 45, D 78.4 eP 11 01 50, D 79.3
SEP14	12 19 11.6 Lake Baikal 53.90 N 109.10 E, 15km, m 4.8 ISC
PRU KHC	eP 12 28 39, D 54.2 eP 12 28 45.5, ei 28 53, D 55.2
SEP14	12 49 10.5 Kurile Isl. 43.23 N 147.63 E, 44km, m 5.3 ISC

PRU KHC	eiPC. 13 01 09 (1.0s 44mu), eipP 01 21, eisP 01 34, m 5.4, D 78.5 iPC. 13 01 15.0 (1.0s 68mu), i 01 28.0, m 5.5, D 79.6
SEP14	14 27 53 Fiji 22.22 S 179.55 W, 574km, m 4.6 ISC
PRU KHC	ePKHKP 14 46 40, D 150.1 ePKHKP 14 46 43, D 151.2
SEP14	14 46 22.7 China 39.65 N 74.83 E, 43km, m 5.1 ISC
PRU KHC	eP 14 54 18, eipP 54 30, ePcP 56 07, eSS 15 04 00, eL 09, Lm 11 (LH: 12s 4.4u), M 5.6, D 42.9 iPC. 14 54 24.5 (1.4s 48mu), eipP 54 36.5, eiPP 56 19, m 5.0, D 43.7
SEP14	16 15 25.6 China 39.70 N 74.80 E, 38km, m 5.5 ISC
PRU KHC	eiPC. 16 23 21.7 (1.0s 76mu), eiPP 25 05, eiSS 32 54, eL 37, Lm 40 (LH: 16s 12u), m 5.4, M 5.8, D 42.9 iPC. 16 23 28.2 (0.7s 111mu), eiPP 25 09, m 5.7, D 43.7
SEP14	23 03 31.7 Japan 42.52 N 147.86 E, 40km, m 4.6 ISC
PRU KHC	eP 23 15 35, D 79.2 eiPC. 23 15 41.5, D 80.3
SEP15	Near shock
KHC	ePg 12 45 53.5, eSg 46 09, (D 1.1)
SEP15	Near shock
KHC	ePg 13 50 22, eiSg 50 42.5, (D 1.6)
SEP15	14 29 44.5 Kurile Isl. 45.48 N 151.47 E, 43km, m 4.7 ISC
PRU KHC	eP 14 41 39.5, D 77.8 eiP 14 41 45, D 78.9
SEP15	14 45 41.4 Aleutian Isl. 51.87 N 175.47 E, 42km, m 5.4 ISC
PRU KHC	eiPC. 14 57 32.2 (1.4s 42mu), eipP 57 44, eSPP 15 08 10, eL 25, Lm 33.5 (LH: 20s 1.2u), m 5.4, M 5.3, D 77.2 eiPC. 14 57 38 (1.2s 63mu), ei 58 20.5, eiPP 15 00 33, m 5.6, D 78.2
SEP15	Near shock
PRU	eiPg 16 25 41, eiSg 26 07.7, (D 2.0)
SEP15	18 47 40.5 Kurile Isl. 45.50 N 151.60 E, 33km, m 5.4 ISC

PRU	iPC. 18 59 36 (1.2s 78mu), eL 19 30, Lm 37.8 (LN: 20s 1.0u), m 5.7, (M 5.2), D 77.9
KHC	iPC. 18 59 41.7 (1.2s 156mu), eipP 59 52, m 5.9, D 78.9
SEP16	00 23 36.9 E. Mediterranean Sea 34.41N 28.32 E, 48km, ISC
KHC	eP 00 27 47, D 18.3
SEP16	00 33 53 Fiji 23.0 S 176.11 W, 95km, m 4.2 ISC
PRU	ePKHKP 00 53 38, D 151.8
KHC	ePKP2 00 53 51, D 152.8
SEP16	01 17 12.5 Kurile Isl. 45.55 N 151.51 E, 39km, m 5.1 ISC
PRU	eip 01 29 06 (1.0s 32mu), e 29 36, eSKS 39 07, eL 56, Lm 02 02.5 (LH: 16s 1.0u), m 5.4, M 5.2, D 77.8
KHC	iPC. 01 29 12.5 (1.1s 75mu), ei 29 34.5, m 5.6, D 78.8
SEP16	Unidentified shock
KHC	eiPC. 01 37 38
SEP16	02 22 36.5 Kurile Isl. 45.54N 151.64 E, 38km, m 4.6 ISC
PRU	eP 02 34 31, D 77.8
KHC	eiPD. 02 34 38.5 (1.1s 14mu), ei 34 47, ei 34 55, m 4.9, D 78.9
SEP16	08 00 35.4 Ryukyu Isl. 27.24 N 127.23 E, 89km, m 5.2 ISC
PRU	eiPD. 08 12 51 (1.0s 31mu), m 5.3, D 82.8
KHC	eiPD. 08 12 56.5 (1.2s 54mu), e 14 06, m 5.4, D 83.8
SEP16	Near shock
KHC	ePg 11 54 21, eiSg 54 43, (D 1.6)
SEP16	Near shock
PRU	eiPg 12 54 59, eiSg 55 15.5, (D 1.3)
SEP16	13 37 15 Venezuela 10.26 N 66.77 W, 10km, m 4.6 ISC
KHC	eP 13 49 08, D 76.0
PRU	eP 13 49 11, D 76.6
SEP16	14 25 41.4 Mexico 15.43 N 93.15 W, 98km, m 5.0 ISC
PRU	epP 14 39 04, D 89.3
KHC	epP 14 39 05, D 89.0

SEP16	14 30 00.4 Nuclear explosion "JORUM": S. Nevada 37.31 N 116.46 W USAEC, m 6.1 ISC
PRU	iPC. 14 42 26.1 (1.5s 324mu), ei 42 35, eiPP 45 33, eL 15 13, Lm 22 (LH: 15s 2.3mu, LV: 14s 1.1u), m 6.3, M 5.7, D 82.9
KHC	iPC. 14 42 28.0 (1.5s 359mu), ei 42 40.5, eiPP 45 38, ePKPPKP 15 08 52, m 6.4, D 83.2
SEP16	21 19 31.3 China 39.69 N 74.97 E, 62km, m 4.8 ISC
PRU	eP 21 27 26, D 43.0
KHC	eP 21 27 32, D 43.8
SEP17	02 15 20.3 Kamchatka 53.14 N 159.99 E, 22km, m 4.7 ISC
PRU	eip 02 26 51, D 73.2
KHC	eip 02 26 57 (1.1s 22mu), m 5.1, D 74.2
SEP17	Near shock
KHC	ePg 10 34 03, eiSg 34 22, (D 1.5)
SEP17	11 46 25 Austria 47.90 N 11.3 E, 0km ISC
KHC	eiPn 11 47 01.5, eiPg 47 04.6, ei 47 08, eiSn 47 24.5, iSg 47 33.5, D 1.9
PRU	eiPn 11 47 15.3, ei 47 24.5, eiSn 47 59, eiSg 48 07, D 3.0
SEP17	Unidentified shock
KHC	e 12 46 02.5, e 46 52
PRU	e 12 46 17, ei 46 47
SEP17	12 59 06 Germany 49.2 N 7.2 E, 0km ISC
KHC	ePn 13 00 16.5, eiSn 01 04.5, D 4.2
PRU	eSn 13 01 21.7, e 01 32, D 4.8
SEP17	17 56 42 Loyalty Isl. 22.35 S 173.6 E, 81km, m 4.3 ISC
PRU	ePKIKP 18 16 19, D 147.9
KHC	eipKHKP 18 16 22.5, eiPKP2 16 29.5, D 149.0
SEP17	18 40 50.3 Japan 31.08 N 131.43 E, 39km, m 6.1 ISC
PRU	eiPC.S.W. 18 53 06.1 (2.5s 667mu, PH: 4s 1.0u, PV: 4s 0.9u), eipP 53 17.7, ePP 56 10, eS 19 03 16, ei 03 30, eiPS 04 16, e 09 20, e 12.7, eL 21, Lm 34 (LH: 16s 47u, LV: 16s 25u), m 6.3, M 7.0, MPH 6.6, MPV 6.3, D 81.8
KHC	eiPC. 18 53 11.5 (2.0s 467mu), eipP 23 53, ei 53 44, m 6.4, D 82.9

SEP17	18 51 13.6 Japan 31.14 N 131.33 E, 68km, m 5.4 ISC
PRU KHC	eiP 19 03 27, eipP 03 37.5, D 81.7 eiP 19 03 31 (2.0s 83mu), eipP 03 42, eiPP 06 34, m 5.3, D 82.3
SEP17	Near shock
KHC	ePg 20 40 01, ei 40 23.3, eiSg 40 29, (D 2.2)
SEP18	01 41 20 Kurile Isl. 43.04 N 147.47 E, 20km, m 4.5 ISC
PRU KHC	ei(P) 01 53 36, D 78.6 ei(P) 01 53 40.4, D 79.7
SEP18	03 14 04.5 Portugal 39.93 N 8.4 W, 23km, m 3.8 ISC
KHC	eiP 03 18 16.5, ei 18 41.5, D 18.1
SEP18	05 07 34.6 Fiji 25.25 S 179.68 E, 510km, m 4.2 ISC
PRU KHC	ePKHKP 05 26 34, ePKP2 26 47.5, D 152.7 eiPKHKP 05 26 36, eiPKP2 26 52.5, D 153.8
SEP18	11 52 33.9 Kurile Isl. 43.26 N 146.88 E, 19km, m 5.0 ISC
PRU KHC	eiPC. 12 04 33.7, isP 04 43.7, e 06 14, D 78.2 eiP 12 04 39.6, eisP 04 49.2, D 79.3
SEP18	Near shock
PRU	eiPg 12 16 41.6, eiSg 17 03, (D 1.6)
SEP18	16 14 Explosion of 12.5 Tons: Czechoslovakia 50.45 N 13.03 E
PRU KHC	PRU eiPg 16 14 51.2, ei 15 05, eiSg 15 07, D 1.1 eiPg 16 14 55, eiSg 15 14.5, D 1.4
SEP19	00 47 46 Fiji 17.04 S 177.1 W, 53km, m 4.2 ISC
PRU KHC	ePKP 01 07 21, ei 07 31, D 145.8 ePKP 01 07 25, e 07 36, D 146.8
SEP19	01 29 38.4 Philippines 6.06 N 125.32 E, 105km, m 5.5 ISC
PRU KHC	eP 01 43 06, eipP 43 34, ePP 47 32, eiS 54 22, eisS 55 08, eSS 02 01 00, eL 18, Lm 22.8 (LH: 24s 4.6u), M 6.3, D 98.5 eP 01 43 10.5, eipP 43 40.3, eipPP 47 51.5, D 99.4
SEP19	Near shock
PRU	eiPg 04 06 42.5, eiSg 06 47, ei 06 51.5, (D 0.3)

KHC	ePg 04 06 57, eiSg 07 14.2, (D 1.3)
SEP19	Near shock
PRU KHC	eiPg 09 08 25.7, eiSg 08 42.5, (D 1.4) e 09 08 33, eiSg 08 57
SEP19	Near shock
KHC	eiPg 10 09 03, eiSg 09 20.4, (D 1.3)
SEP19	12 11 37.9 Kurile Isl. 43.47 N 148.0 E, 41km, m 4.7 ISC
PRU KHC	eP 12 23 36.5, ei 28 48.7, D 78.4 eiP 12 23 42.5, D 79.5
SEP19	12 23 43.2 Fiji 22.59 S 179.49 W, 566km, m 4.8 ISC
PRU KHC	ePKHKP 12 42 32, D 150.5 eiPKHKP 12 42 33.5, D 151.6
SEP19	Near shock
KHC	ePg 15 48 51, eiSg 49 08, (D 1.3)
SEP19	Near shock
KHC	eiPg 17 03 50, eiSg 04 06, (D 1.2)
SEP19	20 40 34.9 Kurile Isl. 48.24 N 153.45 E, 146km, m 5.0 ISC
PRU KHC	eiP 20 52 07.5, D 76.0 eiP 20 52 13.2 (0.9s 19mu), m 4.8, D 77.0
SEP20	00 56 52 N. Atlantic Ocean 58.27 N 32.15 W, 36km, m 4.9 ISC
KHC PRU	eP 01 02 39, ei 03 45.2, D 28.1 eiP 01 02 42, ePP 03 29, eL 02 10, Lm 14, D 28.1
SEP20	01 07 42 N. Atlantic Ocean 58.29 N 32.03 W, 61km, m 5.0 ISC
KHC PRU	eiP 01 13 28 (2.6s 109mu), m 5.1, D 28.0 eiP 01 13 28.5 (2.5s 66mu), ei(PP) 14 11, eL 21, Lm 25 (LH: 16s 4.2u, LV: 16s 3u), m 4.9, M 5.2, D 28.0
SEP20	01 13 07 N. Atlantic Ocean 58.19 N 32.05 W, 52km, m 5.1 ISC
PRU KHC	eP 01 18 53, ei(PP) 19 34, D 28.0 eiP 01 18 54.2, D 28.0
SEP20	05 08 57.8 N. Atlantic Ocean 58.35 N 32.08 W, 33km, m 5.6 ISC
PRU KHC	iP 05 14 46.7 (2.5s 533mu, PH: 6s 2u, PV: 6s 1.6u), ei(PP) 15 30, ei 19 04, Lm 26.7 (LH: 15s 58u, LV: 15s 32u), m 5.9, M 6.3, MPH 6.2, MPV 6.0, D 28.0 eiP 05 14 47.6 (2.2s 562mu), m 6.0, D 28.0

SEP20	Near shock
PRU	eiPg 08 45 57, eiSg 46 13, (D 1.2)
SEP20	08 56 45.9 New Guinea 3.20 S 142.10 E, 50km, m 5.2 ISC
PRU	ePKIKP 09 15 24, D 115.8
KHC	eiPKIKP 09 15 26.5, D 116.8
SEP20	Near shock
KHC	ePg 09 35 57, eiSg 36 11.6, (D 1.1)
PRU	ePg 09 36 00, eiSg 36 20.7, (D 1.5)
SEP20	Near shock
PRU	eiPg 10 01 01, eiSg 01 20, (D 1.4)
KHC	e 10 01 20.5, eiSg 01 52
SEP20	Unidentified shock
KHC	eP 11 05 10, ei 08 50.5
SEP20	Unidentified shock
PRU	ei 12 36 25
KHC	e 12 36 28, ei 36 39
SEP20	14 06 Explosion of 4.4 Tons: Czechoslovakia 49.88 N 12.79 E PRU
KHC	eiPg 14 06 40.5, iSg 06 52.5, D 0.91
PRU	eiPg 14 06 44, ei 06 58.5, D 1.1
SEP20	14 07 56 Tadzhikistan 38.48 N 69.70 E, 29km, m 5.1 ISC
PRU	eiPD. 14 15 32.2 (0.8s 29mu), ePP 17 07, m 5.0, D 40.3
KHC	eiP 14 15 38 (1.0s 33mu), m 5.0, D 41.0
SEP20	15 26 51 Pacific Ocean 1.84 N 100.98 W, 115km, m 5.5 ISC
KHC	eiPKIKP 15 45 04, D 104.4
PRU	ePKIKP 15 45 08, eL 16 12, Lm 28.5 (LH: 20s 1.2u), M 5.5, D 104.7
SEP20	Near shock
KHC	ePg 21 01 52, eiSg 02 39, (D 3.6)
SEP21	07 11 51.8 Tonga 17.38 S 174.66 W, 218km, m 5.3 ISC
PRU	eiPKIKP 07 31 07, iPKHKP 31 09.6, eipPKP2 32 09, e(PP) 34 29, D 146.6

KHC	eiPKIKPC. 07 31 08.8, iPKP2 31 12.1, eipPKP2 32 12.2, D 147.6
SEP21	Near shock
PRU	eiPg 15 30 55, eiSg 31 14, (D 1.4)
SEP21	Unidentified shock
KHC	e 16 23 43.2
SEP22	01 46 11 Sumatra 2.95 N 95.86 E, 14km, m 5.4 ISC
PRU	eiPC. 01 58 33 (2.0s 84mu), eiSP 58 49.7, e 02 00 03, eiPP 01 43, eiS 08 44, eiPS 09 42, eSS 14 14, eL 26, Lm 39.5, m 5.5, M 5.8, D 82.2
KHC	eiP 01 58 36 (2.2s 99mu), ei 58 58.4, m 5.6, D 82.7
SEP22	02 35 43.1 Kurile Isl. 43.37 N 148.61 E, 35km, m 5.0 ISC
PRU	eiP 02 47 41 (1.2s 34mu), eipP 47 53.5, m 5.4, D 78.4
KHC	eiP 02 47 48 (1.0s 45mu), m 5.5, D 79.3
SEP22	02 40 23 Kurile Isl. 43.32 N 147.64 E, 10km, m 4.5 ISC
PRU	eP 02 52 25, D 78.5
KHC	eiP 02 52 31.5, D 79.5
SEP22	03 52 38 Sumatra 2.92 N 95.84 E, 43km, m 5.2 ISC
PRU	eP 04 04 56, eisP 05 10, eS 15 10, Lm 46 (LH: 19s 1.7u), m 5.5, D 82.2
KHC	eP 04 05 00, D 82.7
SEP22	08 17 43.4 Dodecanese Isl. 36.57 N 28.01 E, 86km, m 4.7 ISC
KHC	eiP 08 21 30.3, D 16.4
PRU	eP 08 21 31, D 16.6
SEP22	13 47 53 Central Mid-Atlantic Ridge 4.92 N 32.60 W, 40km, m 5.5 ISC
KHC	eiPC. 13 57 47.8 (1.7s 136mu), eisP 58 04.5, eiPP 14 00 11.2, m 5.7, D 58.8
PRU	eiP 13 57 56.7 (2.0s 125mu), eisP 58 11.5, eiPP 14 00 17, eSP 06 14, eL 17, Lm 23 (LH: 16s 1.4u; LV: 17s 1u), m 5.6, M 5.3, D 59.8
SEP22	16 14 58.9 China 41.35 N 88.33 E, 0km, m 5.2 ISC
KHC	eiP 16 24 06.4, D 51.2
SEP22	22 02 08.8 Central Mid-Atlantic Ridge 0.55 N 26.28 W, 33km,

	m 4.7 ISC
KHC PRU	eiP 22 12 10, D 59.2 eP 22 12 18, eS 20 28, eL 31, Lm 38 (LN: 16s 0.8u), (M 5.0), D 60.3
SEP22	23 22 21 Germany 48.2 N 8.9 E, Okm ISC
KHC PRU	ePn 23 23 06, eiPg 23 15.5, eSn 23 42, D 3.3 ePg 23 23 31, eSg 24 24, D 4.1
SEP22	23 45 18 Germany 48.3 N 8.9 E, Okm ISC
KHC PRU	ePn 23 46 07, eiPg 46 16, eiSg 46 57, D 3.3 eiPg 23 46 31, eiSg 47 24, D 4.1
SEP23	01 22 03.4 Easter Isl. 27.36 S 113.36 W, 33km, m 5.3 ISC
KHC PRU	ePKIKP 01 41 20, D 134.1 e 01 41 33, D 134.6
SEP23	02 23 38.4 Kurile Isl. 45.53 N 152.13 E, 33km, m 4.7 ISC
PRU KHC	eP 02 35 35, D 78.0 eiP 02 35 41 (1.2s 16mu), m 4.9, D 79.0
SEP23	04 43 46.5 Kurile Isl. 43.58 N 146.85 E, 56km, m 4.6 ISC
PRU KHC	eP 04 55 40, D 78.0 eiP 04 55 46.3, D 79.0
SEP23	Near shock
PRU	eiPg 07 26 44, eSg 27 00, (D 1.2)
SEP23	14 12 49.3 Tonga 20.04 S 175.95 W, 270km, m 4.5 ISC
KHC	ePKHKP 14 32 09, D 150.0
SEP23	Near shock
PRU KHC	eiPg 22 19 55, ei 20 21, eiSg 20 33.5, (D 2.9) e 22 20 10, eiSg 20 59
SEP23	22 37 22 Mexico 18.94 N 107.03 W, 6km, m 5.0 ISC
PRU	e(P) 22 54 56, eS 23 02 00, eSS 08 28, eL 15, Lm 25.4 (LH: 26s 2.5u), M 5.6, D 77.3
SEP24	03 58 55 N. Atlantic Ocean 52.97 N 32.06 W, 35km, m 5.3 ISC

KHC PRU	eiP 04 04 50 (1.5s 136mu), ei 05 07.2, ei 06 02, m 5.6, D 28.6 eP 04 04 52 (2.0s 209mu), eiPP 05 43, e 06 42, eS 09 38 (SH: 15s 2u), eL 13 36, Lm 14.7 (LH: 15s 15u), m 5.6, M 5.7, MSH 5.4, D 28.8
SEP24	03 58 58 N. Atlantic Ocean 52.61 N 32.01 W, 28km, m 5.2 ISC
KHC PRU	iP 04 04 54.4, D 28.6 iP 04 04 56.7, D 28.8
SEP24	04 20 51.3 N. Atlantic Ocean 52.64 N 31 83.W, 18km, m 5.3 ISC
KHC PRU	eiPc 04 26 46.8 (1.2s 57mu), ei 27 03.2, ei 27 33.7, m 5.3, D 28.5 eiPc. 04 26 48.7 (2.0s 84mu), ei 27 34, eL 33, Lm 36.5 (LH: 15s 5.1u), m 5.2, M 5.2, D 28.7
SEP24	Unidentified shock
PRU KHC	ei 12 47 53 e 12 47 57
SEP24	18 03 19.9 N. Atlantic Ridge 15.30 N 45.78 W, 37km, m 5.8 ISC
KHC PRU	eiP 18 13 13.5 (1.6s 222mu), i 13 25.5, iPcP 13 51.2, m 5.9, D 58.6 eiP 18 13 20 (2.4s 375mu, PH: 7s 1.9u, PV: 7s 1.9u), ei 13 29.5, eiPcP 13 58, ei 15 00, eiS 21 14, (SH: 16s 28u, SV: 12s 6u), eSS 24 32, eL 30, Lm 35.2 (LH: 18s 33u), LV: 17s 10u), m 6.0, M 6.5, MPH 6.5, MPV 6.2, MSH 6.8, D 59.4
SEP24	19 06 52.2 Central Mid-Atlantic Ridge 0.6 N 27.0 W, 33km, m 4.6 ISC
KHC	eiP 19 16 53.5, D 59.6
SEP24	20 21 14.2 Fiji 18.12 S 177. 91 W, 476km, m 4.6 ISC
PRU KHC	ePKIKP 20 40 03, D 146.7 eiPKIKP 20 40 06.5, D 147.7
SEP25	11 45 29 Ionian Sea 37.1 N 20.3 E, 1km ISC
KHC PRU	eP 11 48 35, ei 48 53.8, D 13.0 eP 11 48 52, D 13.6
SEP25	21 33 18.1 Aleutian Isl. 52.38 N 169.57 W, 5km, m 4.8 ISC
PRU KHC	eP 21 45 18, D 78.0 eiP 21 45 24, D 78.8
SEP26	01 09 42 Aleutian Isl. 52.25 N 169.30 W, 20km, m 4.5 ISC

PRU KHC	eP 01 21 41, D 78.1 eiP 01 21 46.5, eiPcP 21 58, D 79.0
SEP26 KHC PRU	04 54 38 Red Sea 16.41 N 41.02 E, 45km, m 5.0 ISC eiP 05 02 06 (1.2s 43mu), ei 02 19.5, eiPP 03 41.4, m 5.0, D 39.5 eiP 05 02 08 (1.5s 53mu), ePP 03 47, eS 08 12, eSS 11 26, Lm 24 (LH: 13s 1.2u), m 5.0, M 5.0, D 39.7
SEP26 PRU KHC	07 00 00 S.W. Russia 46.0 N 42.4 E BCIS eP 07 04 20.7 (1.2s 206mu), i 04 24.7, i 04 30.2, e 08 25, ei 09 54, m 5.2, D 19.0 eiP 07 04 29.7, ei 08 35, ei 10 06.7, ei 10 42.5, D 19.7
SEP26 KHC	Near shock ePg 11 05 15, eiSg 05 37, (D 1.6)
SEP26 KHC	11 25 17.6 Alaska 60.13 N 152.92 W, 95km, m 4.7 ISC eP 11 36 23.5, D 70.6
SEP26 KHC PRU	20 27 44 Loyalty Isl. 22.11 S 171.30 E, 130km, m 4.6 ISC eiPKIKP 20 47 12.8, iPKHKP 47 16.0, eisPKP 47 58.8, D 147.8 eiPKPC. 20 47 13, ei 48 17.7, D 146.7
SEP26 KHC PRU	Unidentified shock eiP 23 42 20, ei 43 30.2, ei 44 28.1 eP 23 42 33, e 42 41, ei 43 51, ei 44 55
SEP27 PRU KHC	04 02 17.1 Kurile Isl. 43.78 N 147.02 E, 57km, m 5.4 ISC eiPC. 04 14 10.2 (1.0s 76mu), ei 14 19.2, m 5.6, D 77.8 iPC. 04 14 16.1 (1.0s 91mu), ei 14 29.5, m 5.7, D 78.9
SEP27 KHC PRU	09 04 03.6 S. Shetland Isl. 60.90 S 55.9 W, 36km, m 5.8 ISC eiPKIKP 09 22 56, eipPKP 23 07.6, eiPP 24 35, D 123.0 ePKIKP 09 22 59, eipPKP 23 09, eiPP 24 41, eSPP 36 02, eL 56, Lm 10 11 (LH: 21s 3.1u, LV: 21s 1.5u), M 6.0, D 124.1
SEP27 KHC	Near shock eiPg 13 13 04, eiSg 13 25, (D 1.6)
SEP27	16 57 48 Turkey 40.1 N 41.0 E, m 4.4 LAO

KHC PRU	eiP 17 01 46.5, ei 02 39.5, ei 04 37, D 21.4 eP 17 01 50, ei 02 40, e 07 00, Lm 12.6 (LN: 16s 1.4u), D 21.0
SEP27 PRU KHC	20 31 44.7 Fiji 20.25 S 177.81 W, 471km, m 4.3 ISC eiPKHKPD. 20 50 38.5, D 148.8 eiPKHKPD. 20 50 40.9, eipPKP2 52 43.4, D 149.8
SEP28 PRU KHC	10 17 13 Fiji 23.93 S 176.66 W, 117km, m 4.7 ISC ePKIKP 10 36 49, eiPKHKP 36 57, eiPKP2 37 04, D 152.6 eiPKIKP 10 36 51.1, eiPKHKP 36 59.2, eiPKP2 37 11, D 153.6
SEP28 KHC	13 58 28 Aleutian Isl. 52.42 N 169.63 W, 20km, m 4.5 ISC eiP 14 10 31.6, D 78.8
SEP28 PRU KHC	18 53 27 Tadzhikistan 39.45 N 73.57E, 38km, m 4.9 ISC eP 19 01 18, ei 02 55, D 42.2 eiP 19 01 23.7, D 43.0
SEP28 KHC PRU	22 54 08 Crete 34.30 N 25.15 E, 29km, m 5.3 ISC eiP 22 58 05.8 (1.4s 254mu), i 58 27.6, i 59 37.5, m 5.2, D 171.1 eiP 22 58 10.7 (2.0s 292mu), ei 58 31, e 23 01 32, e 02 28, Lm 07 (LH: 10s 11.7u, LV: 10s 7u), m 5.1, M 5.5, D 17.5
SEP29 PRU KHC	10 27 49.6 Norwegian Sea 65.10 N 6.5 E, 6km, m 4.8 ISC eiP 10 31 36.7, D 15.7 eiPD. 10 31 46 (1.0s 39mu), m 4.5, D 16.5
SEP29 PRU KHC	Unidentified shock ei 10 35 54.2, ei 36 26 ei 10 35 59, ei 36 38
SEP29 KHC	Near shock ePg 12 00 28, eSg 00 41, (D 1.0)
SEP29 KHC PRU	12 12 31.2 Crete 34.15 N 25.24 E, 33km ISC eiP 12 16 32 (1.0s 17mu), m 4.1, D 17.3 eiP 12 16 36, D 17.7
SEP29 KHC PRU	16 20 01.5 Banda Sea 7.27 S 128.78 E, 157km, m 5.5 ISC ePKIKP 16 38 13, ei 38 20, ei 42 39, D 111.9 ePKIKP 16 38 18, e 38 45, D 111.0

SEP29	17 58 34 Kurile Isl. 43.35 N 147.81 E, 1km, m 5.5 ISC
PRU	eiPC. 18 10 37.7 (1.2s 87mu), i 10 50.7, eL 40, Lm 43.5 (LH: 20s 2.4u), m 5.7, M 5.6, D 78.5
KHC	iPC. 18 10 43.5 (1.2s 94mu), i 10 56.5, ei 13 14, m 5.6, D 79.5
SEP29	18 03 40 Kurile Isl. 43.6 N 147.4 E, 37km, m 4.3 ISC
PRU	eP 18 15 36, D 78.1
KHC	eiP 18 15 44.5, D 79.2
SEP29	19 57 50.1 Burma 24.80 N 95.37 E, 118km, m 4.8 ISC
PRU	eiPC. 20 08 23.3, D 65.7
KHC	eiP 20 08 28, D 66.4
SEP29	20 03 32.1 S. Africa 33.09 S 19.52 E, 37km, m 5.6 ISC
KHC	eiPC. 20 15 49.5 (1.7s 80mu), ei 16 34, m 5.6, D 82.0
PRU	eiP 20 15 53.7 (2.0s 168mu), ei 16 27, ei 17 32, eiS 26 14, eiSP 26 58, eSS 32.0, eSSS 35 01, eL 42, Lm 53.9 (LH: 20s 22u), m 5.9, M 6.5, D 82.8
SEP29	21 59 30 Germany 48.0 N 8.8 E, 0km ISC
KHC	eiPn 22 00 19, eiPg 00 28, eiSn 00 54, eiSg 01 09, D 3.4
PRU	eiPg 22 00 44.7, eiSg 01 34, D 4.3
SEP29	23 49 12.7 Crete 34.08 N 25.09 E, 0km ISC
KHC	eiPC. 23 53 17.5 (1.0s 31mu), m 4.4, D 17.3
PRU	eP 23 53 21 (1.2s 21mu), m 4.1, D 17.7
SEP30	02 39 44 Crete 34.19 N 25.22 E, 0km ISC
KHC	eiPC. 02 43 47.5 (1.0s 15mu), i 43 52.9, m 4.1, D 17.2
PRU	eP 02 43 52, D 17.6
SEP30	04 11 15.6 Kermadec Isl. 31.93 S 177.83 W, 33km, m 5.5 ISC
KHC	eiPKIKP 04 31 13.5, eiPKP2 31 55, eiPP 35 38, D 160.8
PRU	ePKIKP 04 31 15, eiPKP 31 22, D 159.7
SEP30	05 16 58.3 Kermadec Isl. 31.89 S 177.9 W, 33km, m 4.5 ISC
KHC	eiPKP2 05 37 37, D 160.7
SEP30	Near shock
KHC	ePg 13 15 29, eiSg 15 35, (D 0.5)
PRU	eiPg 13 15 44, eiSg 15 59 (D 1.1)

SEP30	Near shock
PRU	eiPg 13 51 39.5, eiSg 51 59.7, (D 1.5)
KHC	ePg 13 51 44.5, eiSg 52 09, (D 1.7)
SEP30	Near shock
KHC	ePg 14 26 42.5, eiSg 27 07.5, (D 1.1)
SEP30	17 51 41.5 Kermadec Isl. 31.94 S 177.89 W, 33km, m 5.6 ISC
KHC	ePKIKP 18 11 37, eiPKP2 12 21.5, D 160.8
PRU	ePKIKP 18 11 40, eiPKP2 12 17, eSKKS 22 52, eScSPKP 27 06, eL 19 13, Lm 24.5 (LH: 20s 3u), M 6.1, D 159.7
SEP30	Near shock
PRU	eiPg 19 04 26.7, e 04 59, eiSg 05 02.7, (D 2.8)
KHC	eiPg 19 04 35.5, eiSg 05 16.5, (D 3.2)
SEP30	18 52 46 Samoa Isl. 16 08 S 172.52 W, 22km, m 5.1 ISC
KHC	eiPKIKP 19 12 25, ei 12 37.5, D 146.7
PRU	eiPKPD. 19 12 25.2, ei 12 51, D 145.7
SEP30	23 13 35 Burma-India 25.2 N 94.8 E, 50km, m 4.8 ISC
PRU	eP 23 24 16, D 65.0,
KHC	eP 23 24 24, D 65.8

OCT01	23 57 36.5 Kermadec Isl. 32.00 S 177.8 W, 37km, m 5.4 ISC
PRU KHC	ePKP2 00 18 12.5, ei 18 22.7, D 159.8 eiPKP2 00 18 15, ei 18 28, D 160.9
OCT01	04 02 57.7 Kazakhstan 49.81 N 78.18 E, 0km, m 5.2 ISC
PRU KHC	eiP 04 10 34.8 (1.0s 29mu), eiPP 12 07, m 4.9, D 39.9 eiPC. 04 10 42.5 (1.0s 44mu), m 5.1, D 40.8
OCT01	05 05 50.0 Peru 11.75 S 75.15 W, 43km, m 5.8 ISC
KHC PRU	eiP 05 19 22.5 (2.5s 315mu), ei 19 50, ei 22 54, eiPP 23 22.5, m 6.6, D 98.0 eP 05 19 27 (2.5s 133mu), eisP 19 40, ePP 23 24, ei 30 12, eiSKS 31 00, eL 47, Lm 54 (LH: 28s 19u), m 6.2, M 6.4, D 98.7
OCT01	05 58 14 Peru 11.67 S 74.97 W, 9km, m 5.6 ISC
KHC PRU	eiPC. 06 11 50.8 (1.5s 19mu), ei 15 31, m 5.6, D 97.8 eiP 06 11 55, ei 12 29, D 98.5
OCT01	08 28 16.9 Peru 11.78 S 75.05 W, 20km, m 5.7 ISC
KHC PRU	eiP 08 41 53.7 (1.4s 28mu), ei 44 49, eiPP 45 48.6, m 5.8, D 97.9 eP 08 41 58, D 98.7
OCT01	Probably explosion
PRU KHC	iPg 12 39 24.2, iSg 39 25.9, (D 0.13) ePg 12 39 42, eiSg 39 58, (D 1.2)
OCT01	17 11 11.4 Vancouver Isl. 48.49 N 126.51 W, 23km, m 4.9 ISC
KHC	eP 17 23 03.5, D 76.8
OCT01	17 1059.0 Ecuador 0.78 N 85.01 W, 53km, m 5.7 ISC
KHC PRU	eiP 17 24 17.2 (2.0s 117mu), m 6.0, D 95.1 eP 17 24 20 (2.0s 84mu), eiPP 28 11, eSKKS 35 00, ei 35 40, e 36 00, eiSP 36 52, eiSS 42 02, eL 55, Lm 18 01 (LH: 21s 6u, LV: 21s 3u), m 5.8, M 6.1, D 95.6
OCT01	17 46 35 N. of Ascension Isl. 0.07 S 17.17 W, 75km, m 5.1 ISC
KHC PRU	eiPC. 17 56 04 (1.3s 28mu), m 5.1, D 55.7 eiPC. 17 56 11 (1.6s 45mu), m 5.3, D 56.8
OCT01	19 53 16.3 S. W. Atlantic Ocean 60.86 S 19.7 W, 33km, m 5.6 ISC
KHC	e 20 12 08, eiPP 12 44.5, D 112.9

PRU	e 20 23 26, ei 28 56, Lm 57 (LH: 18s 3u), M 5.9, D 113.9
OCT01	20 33 37 Turkey 39.32 N 40.56 E, 17km, m 4.7 ISC
PRU KHC	eP 20 38 24, ei 38 34, D 21.3 eiP 20 38 27.3 (1.3s 21mu), m 4.4, D 21.6
OCT01	20 30 24 Kermadec Isl. 27.30 S 176.39 W, 49km, m 5.2 ISC
KHC PRU	eiPKIKP 20 50 15, eiPKP2 50 45.7, D 156.9 ePKP2 20 50 38, D 155.8
OCT01	22 48 12.7 Hindu Kush 36.55 N 70.87 E, 225km, m 4.9 ISC
PRU KHC	eiPC. 22 55 45 (1.0s 22mu), eiPP 57 25, m 4.5, D 42.2 eiP 22 55 51, eiPP 57 32.9, D 42.9
OCT02	04 00 16.9 Fiji 21.76 S 179.31 W, 589km, m 5.0 ISC
PRU KHC	iPKHKPD.04 19 02.2, iPKP2 19 10.2, ipPKP 21 13, D 149.8 eiPKHKP 04 19 04.4, eiPKP2 19 14.8, D 150.8
OCT02	04 56 46.4 N. California 38.35 N 122.73 W, 8km, m 5.1 ISC
PRU KHC	eiP 05 09 22, ei 09 38, D 84.3 eiP 05 09 23.5, D 84.7
OCT02	06 19 57.2 N. California 38.33 N 122.71 W, 13km, m 4.9 ISC
KHC	eiP 06 32 33.7, D 84.7
OCT02	Near shock
PRU	eiPg 08 07 49.2, eiSg 08 06.5, (D 1.3)
OCT02	Near shock
KHC PRU	e 12 30 13, eiSg 30 20 iPg 12 30 24.2, ei 30 38.7, iSg 30 40.2, (D 1.2)
OCT02	14 00 Explosion of 12 Tons: Czechoslovakia 50.76 N 14.43 E PRU
PRU KHC	iPg 14 00 53.7, ei 01 03.2, eiSg 01 08, D 0.63 eiPg 14 01 10.2, eiSg 01 37.3, D 1.7
OCT02	22 06 00.0 Nuclear explosion "MILROW": 22.10 N 179.18 E USA EC, m 6.4 ISC
PRU KHC	iPC. 22 17 57.7 (1.5s 238mu), ei 19 20.5, ePKPPKP 44 42, ei 48, Lm 53.5 (LH: 19s 1.4u), m 6.1, M 5.4, D 78.1 iP 22 18 03.1 (1.3s 357mu), ei 19 20, ei 23 24, ePKPPKP 44 32.5

	ei 44 54.8, m 6.2, D 79.1
OCTO2	23 13 40.6 Greece 38.47 N 22.29 E, 45km, m 4.7 ISC
KHC PRU	eiP 23 16 34.7, D 12.4 eiP 23 16 43, D 12.8
OCTO3	01 33 20.1 S. of Kermadec Isl. 33.10 S 178.02 W. 26km, m 5.6 ISC
KHC PRU	eiPKIP 01 53 19, eiPKP2 54 05.2, eiPP 57 45.5, D 161.8 e 01 53 33, eiPKP2 54 00, eL 02 59, Lm 03 01.5 (LN: 22s 0.8u), (M 5.5), D 160.7
OCTO3	01 51 55.8 E. of Kamchatka 51.80 N 157.83 E, 95km, m 5.2 ISC
PRU KHC	eiP 02 03 21.2 (1.0s 45mu), e 04 13, m 5.3, D 73.9 eiPD. 02 03 28.2 (1.0s 107mu), eipP 03 50.8, ei 04 13.1, m 5.6, D 74.9
OCTO3	Probably near shock
KHC PRU	e 12 18 47, ei 19 24, eiSg 20 01.2 e 12 19 29, eiSg 20 02
OCTO3	13 43 39.9 Kurile Isl. 43.13 N 147.8 E, 30km, m 4.2 ISC
PRU KHC	eP 13 55 43, ePcP 55 53, D 78.7 eP 13 55 47, D 79.7
OCTO3	Explosion of 5.2 Tons: Germany 51.37 N 12.90 E CLL
PRU KHC	eiPg 14 21 48, eiSg 22 09, D 1.7 e 14 22 01, ei 22 21, eiSg 22 32, D 2.3
OCTO3	15 01 32.0 Kodiak Isl. 56.61 N 152.44 W, 33km, m 4.9 ISC
KHC	eiP 15 13 07, D 74.0
OCTO3	15 19 43.5 New Hebrides 19.14 S 168.79 E, 36km, m 4.8 ISC
KHC	eiPKP 15 39 14.5, D 144.1
OCTO3	15 39 42.8 S. Sumatra 3.68 S 101.88 E, 88km, m 5.4 ISC
PRU KHC	eiPC. 15 52 39, epP 52 55, D 91.1 eiPC. 15 52 42.1, eipP 52 56, D 91.6
OCTO3	17 05 56.4 S. Pacific Cordillera 62.68 S 161.4 W, 33km ISC
KHC	ePKP2 17 27 03, D 166.1

PRU	ePKP2 17 27 07.8, D 167.1
OCTO4	00 15 02.9 Loyalty Isl. 21.03 S 170.28 E, 144km, m 4.3 ISC
KHC	eiPKP 00 34 27.5, D 146.4
OCTO4	03 57 17.0 Kurile Isl. 47.9 N 156.8 E, 35km, m 4.8 ISC
PRU KHC	eP 04 09 09, D 77.2 eiP 04 09 15.3, D 78.3
OCTO4	07 46 32.8 Poland 50.35 N 18.92 E, m 2.9 WAR
KHC	eiSg 07 48 31, D 3.7
OCTO4	10 06 55.9 Japan 32.43 N 141.24 E, 36km, m 4.8 ISC
PRU KHC	eiP 10 19 30, D 85.3 eiP 10 19 36, ei 19 44.2, D 86.4
OCTO4	Near shock
KHC PRU	eiPg 10 40 09.3, iSg 40 22.0, (D 1.0) iPg 10 40 15.1, iSg 40 30.6, (D 1.2)
OCTO4	Near shock
KHC PRU	ePg 15 28 34, eiSg 29 06.2, (D 2.5) eiPg 15 28 41, e 29 16, ei 29 25
OCTO5	13 10 42.8 Fiji 21.02 S 178.65 W, 555km, m 4.5 ISC
KHC PRU	ePKIP 13 29 26, eiPKHKP 29 32.7, eiPKP2 29 41.6, D 150.3 eiPKHKP 13 29 30, eiPKP2 39 37, epPKP2 31 40, D 149.3
OCTO5	16 34 18.5 Philippines 7.26 N 123.75 E, 51km, m 5.4 ISC
PRU KHC	eP 16 47 44, epP 47 54, D 96.6 eiP 16 47 49, D 97.5
OCTO5	17 50 27.9 Japan 43.61 N 145.70 E, 130km, m 4.8 ISC
PRU KHC	eiP 18 02 10.7, D 77.5 eiP 18 02 17, D 78.6
OCTO5	20 46 32.7 Loyalty Isl. 21.76 S 170.60 E, 107km, m 5.2 ISC
PRU KHC	eiPKPD. 21 06 01, eipPKP 06 22, D 146.1 eiPKIPD. 21 06 02.2, eipPKP 06 25.8, D 147.1

OCT05 KHC	21 58 31 Kurile Isl. 50.4 N 155.8 E, 63km, m 4.3 ISC eP 22 10 12, D 75.7
OCT05 PRU KHC	23 05 26.3 Japan 32.43 N 141.36 E, 38km, m 4.9 ISC eP 23 18 01, D 85.4 eP 23 18 07, D 86.4
OCT06 KHC PRU	00 47 26.7 Mid-Atlantic Ridge 7.58 N 35.91 W, 30km, m 4.2 ISC eP 00 57 22, D 58.5 eP 00 57 28.5, eipP 57 38, D 59.5
OCT06 PRU KHC	03 46 38.1 Samoa 15.37 S 172.8 W, 43km, m 4.4 ISC ePKP 04 06 12, D 145.0 eiPKP 04 06 15.5, D 145.9
OCT06 KHC	Unidentified shock ei 09 36 26
OCT06 PRU KHC	Near shock eiPg 12 32 36.2, eSg 32 55, (D 1.5) ePg 12 32 46, eSg 33 11, (D 1.9)
OCT06 PRU KHC	12 48 05.8 Philippines 14.99 N 120.11 E, 66km, m 5.6 ISC iPC. 13 00 52.2 (1.5s 119mu), eipP 01 02.7, ePP 04 20, eL 35, Lm 42.5 (LH: 19s 1.3u), m 5.9, M 5.3, D 88.4 iP 13 00 56.7 (1.2s 69mu), eipP 01 07.2, m 5.8, D 89.3
OCT06 PRU KHC	20 20 43.8 Kurile Isl. 43.89 N 148 19 E, 39km, m 4.8 ISC eiP 20 32 41, D 78.1 eiP 20 32 46.8 (1.0s 22mu), m 5.1, D 79.2
OCT06 PRU KHC	21 46 36.8 Philippines 7.17 N 123.78 E, 68km, m 5.3 ISC eP 22 00 01, e 03 26, D 96.7 eP 22 00 06, D 97.6
OCT07 PRU KHC	03 48 09 S. Sumatra 5.87 S 104.48 E, 154km, m 4.9 ISC e(P) 04 01 26, ePP 05 14, D 94.4 e(P) 04 01 29, D 95.0
OCT07	05 09 12 Turkey 39.20 N 28.40 E, 13km, m 4.9 ISC

PRU KHC	eP 05 12 37, e 14 30, Lm 16 12, Lm 17.7 (LH: 18s 5.5u), M 4.8, D 14.6 eiP 05 12 38.2, ei 13 03.5, D 14.5
OCT07 PRU KHC	14 39 28.5 Iraq 36.68 N 43.64 E, 40km ISC eP 14 44 49, D 24.8 eiP 14 44 51, D 25.1
OCT07 KHC	18 49 02.6 Turkey 39.16 N 28.54 E, 49km, m 4.9 ISC eP 18 52 28, D 14.6
OCT07 KHC PRU	Probably near shock e 21 13 22, ei 13 50.2, ei 15 09.7 e 21 13 51, e 15 31
OCT07 KHC	22 03 13.3 Fiji 18.23 S 177.86 W, 494km, m 4.3 ISC eiPKP 22 22 03.5, D 147.8
OCT07 PRU KHC	22 12 39.3 Aleutian Isl. 51.25 N 179.68 W, 47km, m 4.9 ISC eiP 22 24 36.5, D 78.4 eiP 22 24 41.8, D 79.4
OCT08 PRU KHC	Near shock e 07 42 40, eiSg 42 45 ePg 07 42 54, eiSg 43 09.6, (D 1.1)
OCT08 KHC PRU	Near shock ePg 10 00 01, eiSg 00 09, (D 0.62) ePg 10 00 11, eiSg 00 26.8, (D 1.2)
OCT08 PRU KHC	Explosion of 3.2 Tons: Germany 51.28 N 12.73 E CLL e 12 42 52, eiSg 43 13, D 1.7 ePg 12 42 56, ei 43 29, D 2.2
OCT08 PRU KHC	Near shock iPg 12 58 26.7, ei 58 27.7, iSg 58 44.2, (D 1.4) e 12 58 43, eiSg 59 15.5
OCT08 PRU	14 30 00.1 Nuclear explosion "PIPKIN": 37.25 N 116.47 W USAEC, m 5.6 ISC eiPC. 14 42 26.2 (1.4s 42mu), ei 42 46, m 5.5, D 83.0

KHC	eiP 14 42 28.5 (1.1s 33mu), m 5.5, D 83.3
OCT08	15 41 30.2 Fiji 21.40 S 179.23 W, 600km, m 4.7 ISC
PRU KHC	eiPKHKPC. 16 00 13, D 149.5 eiPKHKP 16 00 16, epPKP2 02 34, D 150.5
OCT08	21 57 51 W. of Macquarie Isl. 55.85 S 147.2 E, 23km, m 5.2 ISC
PRU KHC	ePKHKP 22 17 42, eiPKP2 17 50, D 151.3 eiPKHKP 22 17 43, D 151.4
OCT09	03 31 36.4 N. Italy 44.95 N 7.4 E, 33km ISC
KHC PRU	ePn 03 33 01.5, ei(Pg) 33 33, eiSn 34 08, eiSg 34 47.2, D 5.9 ePn 03 33 15, ei 33 26.7, eiPg 33 57, ei 34 29, eiSg 35 26, D 7.0
OCT09	07 38 38 Yugoslavia 45.8 N 14.1 E BCIS
KHC PRU	ePn 07 39 36, eiPg 39 44, eiSg 40 24, D 3.4 eSn 07 40 05, e 40 42, eiSg 40 52, D 4.2
OCT09	07 45 17.2 Oregon 43.65 N 127.41 W, 10km, m 4.7 ISC
PRU	eP 07 57 38, D 81.0
OCT09	07 59 39 Aleutian Isl. 52.19 N 169.48 W, 5km, m 5.2 ISC
PRU KHC	eiP 08 11 40 (1.5s 48mu), eL 46, Lm 53 (LH: 18s 1.8u), m 5.4, M 5.5, D 78.1 eiP 08 11 45.7 (1.4s 77mu), ei 11 57, m 5.5, D 79.0
OCT09	08 52 18.4 Tonga 21.2 S 174.7 W, 33km, m 4.3 ISC
KHC	eiPKP 09 12 14, D 151.4
OCT09	Near shock
PRU KHC	ePn 12 04 03, eiPg 04 04.5, eiSn 04 14.2, iSg 04 18.1, (D 1.0) eiPg 12 04 11, eiSg 04 28.5, (D 1.3)
OCT09	Near shock
PRU KHC	eiPg 12 10 38.7, ei 10 49, eiSg 10 52.2, (D 1.0) ePg 12 10 46, eiSg 10 03.5, (D 1.3)
OCT09	14 07 38 Kurile Isl. 43.26 N 147.65 E, 18km, m 5.1 ISC
PRU KHC	eiPC. 14 19 39.2 (1.0s 31mu), eisP 19 52, m 5.3, D 78.5 eiPC. 14 19 45.5 (1.1s 33mu), eisP 19 59, m 5.2, D 79.6

OCT10	23 57 08 Kurile Isl. 43.83 N 148.77 E, 17km, m 4.8 ISC
PRU KHC	eiP 00 09 08.7, D 78.4 eiP 00 09 15 (0.8s 16mu), m 5.1, D 79.5
OCT10	00 13 37 Kurile Isl. 43.78 N 149.07 E, 7km, m 4.9 ISC
PRU KHC	eiP 00 25 39.5, epP 25 52, ei 26 14, D 78.5 eiP 00 25 46, ei 26 20, D 79.6
OCT10	04 06 24.8 El Salvador 13.27 N 89.78 W, 68km, m 4.4 ISC
KHC	eP 04 19 12, D 88.6
OCT10	04 43 54.3 Fiji 20.44 S 178.14 W, 508km, m 4.7 ISC
PRU KHC	ePKHKP 05 02 46, epPKP2 04 52, D 148.8 ePKHKP 05 02 49, eipPKP2 04 50.6, D 149.9
OCT10	06 38 21 Japan 38.20 N 140.71 E, 25km, m 4.4 ISC
PRU KHC	eP 06 50 30, D 80.2 eiP 06 50 36, D 81.3
OCT10	Near shock
PRU KHC	iPg 10 29 12.2, eiSg 29 26.2, (D 1.1) eiPg 10 29 22, ei 29 43.5
OCT10	Near shock
PRU KHC	e 11 34 08 ePg 11 34 26, eSg 34 46.5, (D 1.5)
OCT10	Near shock
PRU KHC	iPg 15 31 24.8, iSg 31 42.2, (D 1.4) ePg 15 31 35.5, eiSg 32 01.5, (D 2.0)
OCT10	17 10 07 Ryukyu Isl. 29.69 N 130.6 E, 88km, m 4.5 ISC
PRU KHC	eP 17 22 23, D 82.6 eiP 17 22 28, D 83.6
OCT10	17 45 46 Japan 42.94 N 147.14 E, 23km, m 4.3 ISC
PRU KHC	eP17 57 49, D 78.6 eP 17 57 55, eiPcP 58 04, D 79.7
OCT10	23 29 29.9 Fiji 18.5 S 178.8 W, 33km, m 4.9 ISC

PRU KHC	eiPKIKPD. 23 49 03, D 146.8 ePKIKP 23 49 06, D 147.9
OCT11	09 37 Explosion of 16.3 Tons: Czechoslovakia 50.18 N 14.39 E PRU
PRU KHC	iPg 09 37 06.7, eiSg 37 09.7, D 0.22 ePg 09 37 25.5, eiSg 37 42.5, D 1.2
OCT11	Near shock
PRU	iPg 10 46 03.2, iSg 46 17.8, (D 1.1)
OCT11	Near shock
PRU	ePg 11 03 56.7, eiSg 04 13, (D 1.2)
OCT11	Near shock
PRU KHC	iPg 11 08 51.2, i 09 08.7, iSg 09 11.2, (D 1.5) e 11 09 06, eiPg 09 15, eiSg 09 43, (D 2.2)
OCT11	11 12 34 Kermadec Isl. 27.10 S 176.38 W, 74km, m 4.6 ISC
KHC PRU	ePKIKP 11 32 21, eiPKP2 32 50.5, D 156.7 ePKP2 11 32 46, D 155.7
OCT11	Probably near shock
PRU KHC	e 12 47 15, ei 47 18.5, eiSg 47 38 e 12 47 27, ei 47 42, ei 48 06
OCT11	15 19 39 S. of Tonga 24.3 S 172.0 W, m 4.3 LAO
KHC	ePKIKP15 39 37, D 154.8
OCT12	05 43 55.0 Tonga 20.7 S 174.6 W, 33km, m 4.3 ISC
PRU KHC	eiPKHKP 06 03 44.7, D 149.9 eiPKHKP 06 03 47.2, eiPKP2 03 57, D 150.9
OCT12	13 34 19.9 Greece-Albania 39.76 N 20.55 E, 46km, m 5.0 ISC
KHC PRU	eiP 13 36 49, ei 36 57, ei 37 07.6, ei 39 14.5, ei 40 36, D 10.6 eiPC. 13 36 56.2, ei 37 05, ei 37 13.2, e 39 24, Lg 40 06, Lm 41.8 (LH: 12s 4.3u, LV: 10s 1.9u), M 4.6, D 11.1
OCT12	14 22 11 E. of Kamchatka 55.27 N 161.88 E, 66km, m 4.6 ISC
PRU KHC	eP 14 33 27, D 71.6 eiP 14 33 33.7 (1.1s 14mu), m 4.8, D 72.6

OCT12	16 04 13 New Hebrides 20.91 S 170.00 E, 30km, m 4.7 ISC
PRU KHC	eiPKP 16 23 48.4, D 145.1 eiPKP 16 23 51.4, D 146.1
OCT12	18 54 35.4 S. Italy 39.91 N 15.17 E, 306km, m 4.0 ISC
KHC PRU	eP 18 56 45, D 9.3 eP 18 56 56, D 10.1
OCT13	01 02 30.8 Greece-Albania 39.78 N 20.59 E, 27km, m 5.4 ISC
KHC PRU	eiP 01 05 01.5, i 05 17.1, i 05 44.2, i 08 37.4, D 10.6 eiPC. 01 05 08.3, ei 05 17.7, eiS 07 11, eLg 07 36, Lm 10 (LH: 12s 3lu, LV: 12s 15u), M 5.4, D 11.1
OCT13	01 41 59 Greece-Albania 39.7 N 20.8 E, m 3.8 ATH
KHC PRU	e 01 45 51, ei 46 48.5, ei 47 24.9, D 10.7 e 01 46 06, e 47 12.5, ei 47 55.5, D 11.2
OCT13	01 49 58 Greece-Albania 39.8 N 20.7 E, 118km, ISC
KHC	eP 01 52 25, ei 52 39, D 10.6
OCT13	06 56 01.6 New Hebrides 18.78 S 169.31 E, 244km, m 5.7 ISC
PRU KHC	eiPKHKP 07 15 03, iPKIKP 15 05.7, ei 16 16.7, eiPP 18 24, e 26 42, e 30 05, eiSS 36 52, eiSSS 41 55, Lm 08 06.3 (LH: 24s 9u), D 142.9 eiPKPC. 07 15 07.2, i 15 25.6, eiPP 18 27.2, ei 19 25.5, ei 21 38, ei 26 25.7, D 144.0
OCT13	09 12 04.7 Kermadec Isl. 27.79 S 179.14 E, 546km ISC
KHC	eiPKP2 09 31 27.5, D 156.0
OCT13	09 28 33.3 Tonga 18.70 S 173.37 W, 33km, m 4.9 ISC
PRU KHC	eiPKHKP 09 48 17, e 48 42, D 148.2 eiPKHKP 09 48 21, D 149.1
OCT13	12 44 12 N. Atlantic Ridge 13.63 N 44.95 W, 47km, m 4.9 ISC
PRU	eP 12 54 16, D 60.2
OCT13	22 12 14.7 Venezuela 9.97 N 62.37 W, 69km, m 4.5 ISC
PRU KHC	eP 22 23 46, D 74.0 e(P) 22 23 50, D 73.3

OCT14	00 32 59.9 Loyalty Isl. 21.77 S 170.62 E, 73km, m 4.8 ISC
PRU	eiPKPD. 00 52 31.7, eipPKP 52 56, D 146.1
KHC	iPKIKPD. 00 52 35.7, eipPKP 52 55, D 147.2
OCT14	02 29 26.1 Japan 40.44 N 143.38 E, 44km, m 4.5 ISC
PRU	eP 02 41 29, D 79.4
KHC	eiP 09 41 35, D 80.4
OCT14	04 03 55.4 Kermadec Isl. 27.30 S 176.53 W, 132km, m 4.5 ISC
KHC	ePKIKP 04 23 37, eipPKP2 24 09, eipPKP2 24 46.9, eiPP 27 45, D 156.8
PRU	ePKP2 04 24 12, eipPKP2 24 42.7, D 155.8
OCT14	04 25 00.8 S. Indian Ocean 25.03 S 67.82 E, 80km, m 4.8 ISC
KHC	eiP 04 37 43.6, D 88.2
PRU	eP 04 37 45, D 88.4
OCT14	07 00 03 Novaya Zemlya 72.0 N 57.3 E, m 6.0 LAO
PRU	iPc. 07 06 11.2 (1.2s 629mu), i 06 23.7, i 06 35.5, ei 06 43, ei 07 29, iPcP 09 18.4, i 09 38, i(S) 11 16.2, i 11 41.5, eiLg 16 18, Lm 21 20 (LH: 8s 3u, LV: 8s 1.2u), m 6.3, M 5.3, D 29.2
KHC	iPc. 07 06 20.5 (1.2s 413mu), i 06 45.0, ei 07 58.2, eiPcP 09 20.5, ei 12 36.8, m 6.1, D 30.2
OCT14	07 17 34 Kermadec Isl. 31.1 S 178.8 W, LAO
KHC	ePKP2 07 38 13, D 159.7
OCT14	09 25 31 New Hebrides 20.3 S 169.6 E, 80km ISC
KHC	eiPKP 09 45 01.5, D 145.4
OCT14	Near shock
PRU	eiPg 11 17 02.5, eiSg 17 17.2, (D 1.1)
OCT14	Near shock
PRU	e 14 33 40
KHC	ePg 14 33 51, eiSg 34 11.8, (D 1.6)
OCT14	Near shock
PRU	ePg 15 04 28, eiSg 04 54, (D 2.0)
KHC	e 15 04 36, eSg 05 11.5

OCT14	Near shock
KHC	ePg 16 36 17, eiSg 36 33, (D 1.2)
OCT14	20 39 11.5 Sea of Japan 37.90 N 135.06 E, 372km, m 4.7 ISC
PRU	eiP 20 50 31, D 78.0
KHC	eiP 20 50 36.6 (1.0s 17mu), m 4.7, D 79.1
OCT14	Unidentified shock
PRU	eP 21 35 53
KHC	eiP 21 35 56
OCT14	Rockburst in the Kladno region
PRU	iPgD. 22 34 02.7, ei 34 04.7, eiSg 34 07, (D 0.35)
KHC	eiPn 22 34 15.6, eiPg 34 17.5, eiSg 34 33.6, (D 1.3)
OCT14	22 46 05.4 S. of Alaska 52.74 N 162.63 W, 15km, m 5.0 ISC
PRU	eiPD. 22 58 02.7, e 58 18.7, D 77.6
KHC	iPD. 22 58 08.0 (1.2s 31mu), eiPcP 58 17.4, m 5.2, D 78.5
OCT14	23 05 56.9 Aleutian Isl. 52.43 N 171.54 W, 85km, m 4.7 ISC
KHC	ei 23 18 10.2, D 78.7
OCT15	23 59 26.1 S. of Fiji 26.99 S 176.36 W, 61km, m 5.3 ISC
KHC	eiPKIKP 00 19 14.5, eipPKP2 19 45, eiPP 23 20.6, D 156.6
PRU	eipPKP2 00 19 40, D 155.6
OCT15	01 08 16 Kermadec Isl. 27.34 S 176.46 W, 70km, m 4.8 ISC
KHC	eiPKIKP 01 28 04, eipPKP2 28 34.8, D 156.9
PRU	ePKP2 01 28 30, D 155.9
OCT15	06 17 33.6 New Hebrides 20.85 S 169.91 E, 33km ISC
KHC	eiPKP 06 37 10.5, D 146.0
OCT15	Near shock
PRU	eiPg 08 32 26.8, eiSg 32 51, (D 1.5)
OCT15	Probably near shock
KHC	e 12 07 54.5, e 08 03, ei 08 52
PRU	ei 12 08 40.7, ei 09 12, ei 09 27

OCT15	Near shock
PRU	ePg 12 50 56, eiSg 51 26, (D 2.5)
OCT15	Near shock
PRU	e 14 02 56, e 03 04
KHC	ePg 14 03 12, eiSg 03 33.7, (D 1.6)
OCT15	Near shock
PRU	iPg 15 01 26.3, ei 01 40
KHC	ePg 15 01 43.5, eiSg 02 09, (D 2.0)
OCT16	00 56 35.7 New Hebrides 18.84 S 169.33 E, 242km, m 4.5 ISC
KHC	ePKP 01 15 42, D 144.0
OCT16	02 52 23 Dodecanese Isl. 36.4 N 27.2 E, 0km ISC
KHC	eiP 02 56 13, D 16.2
OCT16	Probably explosion
PRU	iPg 12 30 23.7, eiSg 30 25.7, (D 0.16)
KHC	ePg 12 30 39, eiSg 30 55, (D 1.2)
OCT16	18 47 16.3 Arctic Ocean 80.62 N 110.6 W, 33km, m 4.5 ISC
PRU	eP 18 55 39, ei 55 47.7, D 46.2
OCT16	20 45 11 Tonga 19.72 S 174.22 W, 39km, m 4.7 ISC
PRU	ePKHKP 21 04 56.2, eiPKP2 05 10, D 149.0
KHC	eiPKHKPD. 21 04 56, D 150.0
OCT16	Unidentified shock
KHC	e 22 18 48
PRU	e 22 18 49.7
OCT16	22 55 34 Greece-Albania 39.8 N 20.4 E, 5km ISC
KHC	eP 22 58 13, D 10.5
PRU	eP 22 58 29, e 58 36, D 11.0
OCT17	01 25 11.5 Burma-India 23.09 N 94.70 E, 124km, m 6.1 ISC
PRU	eiP 01 35 48.2 (1.4s 559mu), i 35 50.2, eiPcP 36 19, eipP 36 25, eiPP 38 19, ei 38 52, eiS 44 22 (SH: 9s 6.8u, SV: 9s 1.4u), ei 44 56, ei 45 10, eiSSS 51 52, Lm 02 03.5 (LH: 29s 49u),

KHC	m 6.2, M 6.4, MSH 6.5, D 66.5 eiP 01 35 53.6 (1.4s 354mu), eipP 36 26.8, eiPP 38 21.4, ei 44 54.5, ePKPPKP 02 04 11, m 6.0, D 67.2
OCT17	08 31 49.4 Samoa 14.93 S 173.2 W, 33km, m 4.6 ISC
KHC	eiPKP 08 51 25, D 145.4
OCT17	Near shock
PRU	iPg 09 38 21.2, iSg 38 41.6, (D 1.5)
KHC	e 09 38 32, eiSg 39 05.6
OCT17	Near shock
KHC	ePg 10 42 16, eiSg 42 35, (D 1.4)
PRU	eiSg 10 42 29
OCT17	Near shock
PRU	eiPg 12 59 17, ei 59 40, eiSg 59 44, (D 2.1)
KHC	ePg 12 59 24, eiSg 59 58, (D 2.7)
OCT17	Near shock
PRU	iPg 16 33 32, i 33 49.3, iSg 33 52, (D 1.5)
KHC	e 16 33 55, eiSg 34 23.4
OCT17	21 11 21.8 New Britain 5.89 S 151.52 E, 56km, m 5.0 ISC
KHC	ePKIKP 21 30 14, D 124.2
OCT17	22 40 42.5 Kurile Isl. 48.56 N 153.40 E, 155km, m 4.7 ISC
PRU	eiP 22 52 12, D 75.7
KHC	eiP 22 52 18.6, D 76.7
OCT18	01 14 01.0 Japan 39.29 N 141.46 E, 119km, m 5.4 ISC
PRU	eiP 01 25 56.5 (1.3s 77mu), eipP 26 25, ei 26 33, eiPP 28 50, m 5.4, D 79.6
KHC	eiP 01 26 02.2 (1.3s 93mu), eipP 26 31.2, m 5.5, D 80.6
OCT18	05 31 42.5 N.Atlantic Ocean 35.96 N 10.82 W, 25km, ISC
KHC	eiP 05 36 38.5, D 22.2
OCT18	08 43 58 Aleutian Isl. 52.52 N 173.42 E, 9km, m 5.5 ISC
PRU	iPC. 08 55 48.9 (1.4s 121mu), eiPcP 55 57, e 09 06 20, eL 21, Lm 33.5 (LH: 18s 2.3u, LV: 19s 1.2u), m 5.8, M 5.5, D 76.3

KHC	iPC. 08 55 55.0 (1.4s 223mu), iPcP 56 04.8, m 6.1, D 77.3
OCT18	08 48 54.3 S. of Fiji 26.56 S 177.7 W, 335km ISC
KHC	eiPKP2 09 08 43, D 155.8
OCT18	Near shock
PRU KHC	ePg 11 50 51, ei 51 02, eiSg 51 05, (D 1.1) ePg 11 50 59, eiSg 51 17, (D 1.4)
OCT18	Near shock
PRU KHC	eiPg 11 54 54, eiSg 55 09, (D 1.1) ePg 11 55 02, eiSg 55 20, (D 1.4)
OCT19	09 05 13.5 Aleutian Isl. 51.37 N 178.62 W, 45km, m 4.8 ISC
KHC	eP 09 17 16.5, D 79.3
OCT19	10 48 28.2 Poland 50.29 N 18.83 E, m 2.4 WAR
PRU	eSg 10 49 56, D 2.8
OCT19	12 25 44.9 Philippines 7.70 N 126.01 E, 58km, m 5.3 ISC
PRU KHC	eiP 12 39 14.5 (1.0s 12mu), ei 41 27, eL 13 13, Lm 19.6 (LH: 21s 1.6u), m 5.4, M 5.5, D 97.6 eiP 12 39 18.5 (1.2s 14mu), ei 41 33.6, m 5.4, D 98.5
OCT19	Unidentified shock
PRU KHC	e 23 16 26.7 ei 23 16 30.5
OCT20	01 12 22.9 New Ireland 5.64 S 153.13 E, 44km, m 4.7 ISC
KHC	eiPKIKP 01 31 23.7, D 124.8
OCT20	10 39 57 Fiji 20.58 S 176.14 W, 203km, m 4.2 ISC
PRU KHC	eiPKHKP 10 59 21.5, D 149.5 eiPKHKP 10 59 24.2, D 150.5
OCT20	13 11 27 Venezuela 10.88 N 72.34 W, 7km, m 5.0 ISC
KHC PRU	eiP 13 23 35 (1.0s 16mu), ei 24 45.2, m 5.0, D 79.2 eiPC. 13 23 38.6, D 79.8
OCT20	13 11 37.1 Venezuela 10.87 N 72.49 W, 36km, m 5.7 ISC

KHC PRU	iP 13 23 40.7 (1.5s 318mu), m 6.1, D 79.3 iP 13 23 44.2 (1.5s 143mu), ei 24 07, ePP 26 41, eiS 33 42, eSP 34 28, eSS 38.9, eL 45, Lm 56.4 (LH: 18s 1u), m 5.7, M 5.2, D 79.9
OCT20	Near shock
KHC	ePg 13 50 15, eiSg 50 37, (D 1.6)
OCT20	Near shock
PRU KHC	eiPg 13 56 45, ei 56 57 eiPg 13 56 49, eiSg 57 04.5, (D 1.1)
OCT20	Near shock
PRU KHC	eiPg 14 07 18, eiSg 07 35, (D 1.3) e 14 07 18, eSg 07 37
OCT20	Near shock
PRU	ePg 15 30 31, eiSg 31 01.7. (D 2.3)
OCT20	15 20 35.5 Mexico 17.33 N 95.22 W, 74km, m 5.4 ISC
PRU KHC	eP 15 33 23, eipP 33 48, D 89.0 eiP 15 33 24, ei 33 40.7, ei 34 54.2, D 88.8
OCT20	22 02 48.6 N.W. of Kurile Isl. 52.51 N 153.27 E, 439km, m 4.5 ISC
PRU KHC	eiP 22 13 28, D 72.1 eiP 22 13 34, D 73.1
OCT21	Near shock
PRU KHC	iPg 09 46 04.7, ei 46 15 eiPg 09 46 24, eiSg 46 50.2, (D 2.0)
OCT21	11 19 08 Mid-Atlantic Ridge 0.8 N 27.91 W, 49km, m 4.6 ISC
KHC	eP 11 29 09.5, D 59.8
OCT21	Near shock
PRU KHC	e 12 10 12 ePg 12 10 18, eiSg 10 44, (D 2.0)
OCT21	19 52 47.7 N. Atlantic Ridge 12.05 N 43.75 W, 37km, m 4.8 ISC
KHC	eP 20 02 50, D 59.8

OCT21	20 53 46.9 Aleutian Isl. 51.31 N 179.23 W, 43km, m 6.0 ISC
PRU	iPC. 21 05 44.2 (1.0s 80mu), iPcP 05 49.7, ei 06 31, eSP 16 14, e 16 45, eL 35, Lm 44.5 (LH: 19s 3.4u), m 5.8, M 5.7, D 78.4
KHC	iPC. 21 05 49.7 (1.2s 231mu), ei 06 35, m 6.1, D 79.3
OCT22	03 10 28 Aleutian Isl. 52.34 N 169.44 W, 6km, m 4.7 ISC
PRU	eP 03 22 28, D 78.0
KHC	eiP 03 22 33.8, D 78.9
OCT22	05 58 48.3 Solomon Isl. 4.92 S 154.25 E, 386km, m 5.0 ISC
PRU	eiPKIKP 06 17 02.7, D 123.8
KHC	eiPKIKP 06 17 04.3, D 124.8
OCT22	07 12 07.3 New Britain 4.77 S 152.56 E, 68km, m 5.3 ISC
KHC	eiPKIKP 07 30 59.5, eipPKP 31 17, D 123.8
OCT22	09 15 45 E. of Kamchatka 52.60 N 158.87 E, 30km, m 4.6 ISC
KHC	eiP 09 27 21, D 74.5
OCT22	10 21 51 N. Chile 18.25 S 71.68 W, 15km, m 5.4 ISC
KHC	eiP 10 35 18, D 100.6
OCT22	12 11 22.9 Aleutian Isl. 52.27 N 169.37 W, 39km, m 5.2 ISC
PRU	eiP 12 23 19 (1.2s 37mu), eipP 23 31, eL 57, Lm 13 05 (LE: 18s 0.7u), m 5.4, (M 5.1), D 78.1
KHC	eiP 12 23 24 (1.4s 123mu), eipP 23 35.2, m 5.7, D 79.0
OCT22	Near shock
PRU	iPg 12 47 06, ei 47 20, eiSg 47 32.7, (D 2.1)
KHC	e 12 47 21.5, eiSg 47 56.8
OCT22	12 52 22.8 Venezuela 10.92 N 62.55 W, 87km, m 5.4 ISC
KHC	eiP 13 03 43.5 (1.3s 67mu), eipP 04 04.6, m 5.4, D 72.8
PRU	iPC. 13 03 48 (1.0s 46mu), eipP 04 08.5, m 5.4, D 73.4
OCT22	Near shock
PRU	eiPg 16 02 14.2, eiSg 02 43.5, (D 2.3)
OCT22	22 51 32.1 California 34.77 N 121.35 W, 7km, m 5.9 ISC
PRU	eiPC. 23 04 19.5 (2.0s 67mu), e 04 38, eiPP 07 42, eScS 15 04,

KHC	e 16 06, eL 32, Lm 40 (LH: 20s 3.6u), m 5.5, M 5.8, D 87.0 eiP 23 04 21 (2.0s 102mu), ei 04 40.2, eiPP 07 44.5, m 5.7, D 87.4
OCT23	02 12 47.9 Sicily 38.61 N 15.27 E, 244km, m 4.2 ISC
KHC	eP 02 15 15, D 10.6
PRU	eP 02 15 29, D 11.4
OCT23	02 52 55.7 New Hebrides 14.92 S 166.86 E, 32km, m 4.8 ISC
KHC	eiPKIKP 03 12 20, D 139.5
OCT23	04 50 48.0 Kermadec Isl. 27.1 S 176.2 W, 37km ISC
KHC	ePKP2 05 11 10, D 156.8
OCT23	Explosion of 4.7 Tons: Germany 51.37 N 12.89 E CLL
PRU	ePg 14 18 16, eiSg 18 40, D 1.7
KHC	eiPg 14 18 30, eiSg 18 53, D 2.3
OCT23	Near shock
PRU	eiPg 14 42 42.2, eiSg 43 10.5, (D 2.2)
OCT23	15 17 Explosion of 15.8 Tons: Czechoslovakia 49.56 N 14.23E
PRU	iPg 15 18 07.7, iSg 18 13.7, i 18 15.7, D 0.47
KHC	ei 15 18 10, eiPg 18 12.5, iSg 18 19.8, D 0.61
OCT23	Near shock
PRU	e 16 45 06, eiSg 45 31.7
KHC	ePg 16 45 30, eiSg 45 55.6, (D 1.9)
OCT24	00 27 07.4 S. of Fiji 25.21 S 178.57 E, 607km, m 4.7 ISC
KHC	eiPKIKP 00 45 51, eiPKP2 46 15.6, D 153.4
PRU	eiPKHKPD. 00 45 57.2, eiPKP2 46 10.7, D 152.3
OCT24	00 46 15.0 Aleutian Isl. 52.45 N 168.64 W, 34km, m 5.3 ISC
PRU	eiPC. 00 58 11 (1.4s 63mu), ei 58 16.7, m 5.6, D 77.9
KHC	iPC. 00 58 16.6 (1.2s 150mu), eipP 58 27.5, m 5.9, D 78.8
OCT24	Near shock
KHC	ePg 08 22 32, eiSg 22 49, (D 1.3)
OCT24	Near shock

PRU KHC	eiPg 08 26 21, eiSg 26 49.5, (D 2.3) e 08 26 37, eiSg 27 16
OCT24 KHC	08 29 15.2 S. California 33.49 N 119.24 W, 10km, m 5.2 ISC eP 08 42 05, e 44 48, eiPP 45 31.8, D 87.7
OCT24 PRU KHC	Near shock eiPg 09 30 36.5, eiSg 30 57, (D 1.5) ePg 09 30 42.5, eiSg 31 07, (D 1.8)
OCT24 KHC PRU	10 12 42.3 Gulf of Aden 11.85 N 44.96 E, 25km, m 4.6 ISC eP 10 20 59.7, D 45.4 eiP 10 21 03, D 45.5
OCT24 PRU KHC	Near shock eiPg 12 46 39, eiSg 47 04, (D 1.9) ePg 12 46 48, eiSg 47 22, (D 2.7)
OCT24 KHC PRU	14 04 59.9 Explosion of 21.7 Tons: Austria 47.63 N 11.15 E HAN ePn 14 05 41, ei 05 44.2, eiSn 06 11.2, eiSg 06 21, D 2.2 eiPg 14 06 01, eiSn 06 30, ei 06 43.2, iSg 06 47.7, D 3.3
OCT24 PRU KHC	Near shock ePg 15 31 54, eSg 32 21, (D 2.0) ePg 15 31 57, eiSg 32 29, (D 2.5)
OCT24 PRU KHC	22 30 57.8 Tonga 20.55 S 172.78 W, 33km, m 5.2 ISC eiPKHKPD. 22 50 46.7, eiPKP2 50 52.5, D 150.1 eiPKHKPD. 22 50 48.8, eiPKP2 50 56.7, D 151.0
OCT25 PRU KHC	09 01 Explosion of 9.7 Tons: Czechoslovakia 49.31 N 16.44 E PRU iPg 09 01 13.1, eiSg 01 22.1, D 1.4 eiPg 09 01 21.2, iSg 01 46.5, D 1.9
OCT25 PRU KHC	11 02 Explosion of 22.3 Tons: Czechoslovakia 49.11 N 16.58E PRU iPg 11 02 26.2, iSg 02 47.2, D 1.6 e 11 02 33, eiSg 02 57.4, D 2.0
OCT25 PRU	12 03 48.7 Kurile Isl. 43.98 N 147.85 E, 49km, m 5.3 ISC eiPC. 12 15 43.2 (1.0s 66mu), eipP 15 58.7, eL 48, Lm 53.5 (LH: 20s 1.7u), m 5.4, M 5.3, D 77.9

KHC	iPC. 12 15 49.1 (1.1s 118mu), eipP 06 04, m 5.8, D 79.0
OCT25 PRU	Near shock eiPg 12 26 19.2, eiSg 26 43, (D 1.7)
OCT25 PRU KHC	Near shock eiPg 12 39 21, e 39 30 ePg 12 39 28, eSg 39 45, (D 1.3)
OCT25 PRU KHC	13 00 Explosion of 6.7 Tons: Czechoslovakia 50.62 N 14.35 E PRU eiPg 13 00 23.7, ei 00 33.7, D 0.64 eiPg 13 00 41, eiSg 01 03.2, D 1.6
OCT25 PRU	Near shock eiPg 15 50 42.5, eiSg 51 11.5, (D 2.3)
OCT26 KHC PRU	03 44 50.0 Kermadec Isl. 27.18 S 176.25 W, 30km, m 5.2 ISC eiPKIKP 04 04 42.8, eiPKP2 05 13, eipPKP2 05 25.2, eiPP 08 49.7 D 156.8 ePKHKP 04 04 52, eiPKP2 05 08, D 155.8
OCT26 PRU KHC	04 15 50 Loyalty Isl. 21.68 S 169.85 E, 27km, m 4.7 ISC eiPKP04 35 27.5, D 145.7 eiPKP 04 35 30, ei 35 51, D 146.8
OCT26 PRU KHC	04 52 01 S. of Fiji 22.02 S 179.6 W, 623km, m 4.3 ISC eiPKHKP 05 10 45, D 150.0 eiPKHKP 05 10 46.5, D 151.0
OCT26 KHC	05 18 53.2 Kermadec Isl. 27.17 S 176.30 W, 37km, m 5.0 ISC eiPKP2 05 39 16, D 156.8
OCT26 PRU KHC	06 37 56.1 Tonga Isl. 16.11 S 173.87 W, 57km, m 5.8 ISC eiPKIKPD. 06 57 28.2, i 57 30.0, eisPKP2 58 00, e 07 00 44, D 145.5 iPKIKP 06 57 32.2, isPKP2 58 03.2, ei 59 10.3, D 146.5
OCT26 PRU KHC	Near shock eiPg 13 30 52.2, ei 30 59.5, ei 31 02.7 eiPg 13 31 11, eiSg 31 32.8, (D 1.6)

OCT26	15 36 52.4 Yugoslavia 44.84 N 17.30 E, 33km, m 5.1 ISC
KHC PRU	eiPnD. 15 38 04.2, ei 39 28.9, D 5.0 eiPnD. 15 38 10.5, ei 38 12.3, ei 38 31, ei 38 40, ei 39 08, Lm 40.5 (LH: 20s 90u, LV: 6s 64u), M 5.2, D 5.5
OCT26	Probably aftershock
KHC PRU	eiPn 15 54 22, ei 55 17.1 ePn 15 54 29.2, ei 54 36.3, ei 54 47, ei 55 40.7
OCT26	Probably aftershock
KHC PRU	e 16 08 51 ei 16 10 31
OCT26	Probably aftershock
KHC PRU	eiPn 16 35 13.4, ei 36 32.2 e 16 36 55
OCT26	Probably aftershock
KHC	ePn 16 49 20
OCT26	Probably aftershock
KHC PRU	eiPn 16 51 34, ei 52 30.5 ePn 16 51 44, ei 51 48.2, eiPg 52 11, ei 52 43.5, ei 53 14
OCT26	19 15 47 Kurile Isl. 43.51 N 148.22 E, 9km, m 5.1 ISC
PRU	eiP 19 27 50.2 (1.3s 28mu), eiPcP 28 02, Lm 20 00.5 (LH: 20s 3.4 u), m 5.1, M 5.7, D 78.5
KHC	eiP 19 27 55.8 (1.3s 55mu), eiPcP 28 09.6, m 5.3, D 79.6
OCT26	21 25 33 Kermadec Isl. 27.18 S 176.45 W, 48km, m 5.0 ISC
KHC PRU	ePKIKP 21 45 23, eiPKP2 45 53.7, D 156.8 ePKHKP 21 45 30, D 155.7
OCT26	21 39 21.8 S. of Africa 53.37 S 23.6 E, 31km, m 5.8 ISC
PRU	e 21 57 22, ei 57 33, eL 22 04, Lm 46 (LH: 19s 8.8u), M 6.4, D 103.3
KHC	ei 21 57 26, D 102.5
OCT26	Unidentified shock
KHC PRU	eP 22 26 56, ei 57 51.2 e 22 27 17, ei 28 15

OCT27	Unidentified shock
KHC PRU	eP 00 25 00.5, ei 25 44.2, ei 26 21 eP 00 25 15, ei 26 21, ei 26 36
OCT27	Probably Yugoslavia
KHC PRU	ePn02 33 17, ei 34 39 e 02 33 32, ei 34 37
OCT27	02 55 34 Yugoslavia 44.98 N 17.04 E, 18km, m 4.5 ISC
KHC PRU	iPn 02 56 46.4, iSn 57 35.8, ei 03 01 17.6, D 4.8 eiPn 02 56 53.5, i 56 54.8, ei 57 10, eiSn 58 04, Lm 58 48 (LH: 8s 14u, LV: 8s 6u), M 4.8, D 5.3
OCT27	Probably aftershock
KHC PRU	eiPn 04 28 20.5, eiSn 29 14, ei 29 40 e 04 28 35, ei 29 40
OCT27	08 10 58.2 Yugoslavia 44.85 N 17.22 E, 33km, m 5.3 ISC
KHC PRU	eiPn 08 12 10.9, ei 13 29.5, D 5.0 iPnD. 08 12 17.2, ei 12 44, eiSn 13 15, Lg 13 33, Lm 14.3 (LH: 8s 130u, LV: 8s 64u), M 5.7, D 5.5
OCT27	08 42 19.3 Greece-Albania 39.82 N 20.43 E, 54km ISC
KHC PRU	eiP 08 44 48.3, D 10.5 e 08 45 19, e 46 25, D 11.0
OCT27	08 53 40 Yugoslavia 44.88 N 17.06 E, 9km, m 4.7 ISC
KHC PRU	eiPn 08 54 55.2, ei 55 21, iSn 55 49.5, D 4.9 eiPn 08 55 01, ei 55 10, eiSn 56 04.5, ei 56 18, ei 56 32, Lm 56 50 (LH: 12s 7.8u), M 4.3, D 5.4
OCT27	11 08 00 Yugoslavia 45.03 N 16.8 E, 35km, ISC
KHC PRU	eiPn 11 09 09.2, eiSn 10 05.2, i 10 32.8, D 4.7 eiPn 11 09 15.7, ei 09 24.2, ei 10 26, eiSg 10 47, ei 11 14, D 5.2
OCT27	Probably aftershock
KHC	ePn 12 21 45, ei 22 49
OCT27	Probably aftershock
KHC PRU	eiPn 12 47 19.4, ei 48 44.2 e 12 47 33, e 48 08, e 48 50

OCT27	Near shock
PRU KHC	eiPn 17 58 18.5, eiPg 58 22.5, eiSg 58 52, (D 2.3) e 17 58 49, eSg 59 32
OCT27	19 37 38.0 Mona Passage 18.43 N 68.81 W, 170km, m 4.3 ISC
KHC PRU	eP 19 48 42, D 71.4 eP 19 48 44.5, D 71.9
OCT27	Probably Yugoslavia
KHC PRU	eiPn 21 15 06.3, ei 15 49, ei 16 14.5, ei 16 27.2 ePn 21 15 15, ei 15 21, ei 16 28, ei 16 49
OCT28	Probably Yugoslavia
KHC PRU	eiPn 01 43 38, ei 45 07.1 e 01 44 15, ei 45 21
OCT28	Unidentified shock
KHC PRU	ei 06 39 13.4, ei 39 26.5 e 06 39 14
OCT28	Near shock
KHC	ePg 11 04 20, eiSg 04 37, (D 1.3)
OCT28	Near shock
KHC PRU	eiPg 15 39 09, eiSg 39 27.2, (D 1.4) e 15 39 52
OCT28	Unidentified shock
KHC PRU	ei 15 55 55 e 15 55 57
OCT28	18 45 10.9 Hindu Kush 36.53 N 70.90 E, 229km, m 5.0 ISC
PRU KHC KHV	eiPC. 18 52 43.2, eipP 53 30, eiPcP 54 20, D 42.2 eiP 18 52 48.6, eipP 53 39, eiPcP 54 29.6, ei 55 13.8, ei 58 03, D 42.9
OCT28	19 24 39.8 Kurile Isl. 43.42 N 147.00 E, 51km, m 4.5 ISC
PRU KHC	eP 19 36 35, D 78.1 eiP 19 36 41.2, D 79.2
OCT28	Unidentified shock
KHC	eiP 19 54 07, ei 54 16.8
OCT29	06 57 34.8 Tonga 15.20 S 173.61 W, 50km, m 4.6 ISC

KHC	eiPKP 07 17 11.3, D 145.7
OCT29	Near shock
KHC PRU	eiPg 08 43 44.5, eiSg 44 07, (D 1.7) ePg 08 43 57, e 44 27
OCT29	11 58 15.4 Fiji 15.18 S 177.54 W, 351km, m 4.3 ISC
PRU KHC	eiPKP 12 17 09.2, D 143.9 eiPKP 12 17 12.2, D 144.9
OCT29	Unidentified shock
KHC PRU	eP 12 49 21, ei 49 50.5 eiP 12 49 23.5
OCT29	Unidentified shock
KHC PRU	eiP 18 19 09.2, ei 20 24 e 18 19 30, e 20 27, ei 20 47
OCT29	20 35 54.0 Poland 50.37 N 18.87 E, m 2.8 WAR
KHC	ePg 20 37 05, eiSn 37 32.8, D 3.6
OCT29	22 01 51.4 Nuclear explosion "CALABASH": 37.12 N 116.05 W USAEC, m 5.6 ISC
PRU KHC	eiP 22 14 17.2, D 82.9 eiP 22 14 19.3 (1.3s 70mu), ei 14 30.5, ei 15 01.5, m 5.7, D 83.2
OCT30	00 05 39.8 Japan 37.54 N 140.16 E, 158km, m 5.0 ISC
PRU KHC	eiPD. 00 17 36.2, eipP 18 14.7, D 80.5 iPD. 00 17 41.5 (1.2s 63mu), eipP 18 20.2, m 5.2, D 81.6
OCT30	00 47 58.3 Taiwan 22.36 N 121.46 E, 36km, m 4.8 ISC
PRU KHC	eP 01 00 23, D 83.4 eP 01 00 27, D 84.4
OCT30	07 51 50.1 Japan 41.67 N 142.27 E, 86km, m 4.7 ISC
PRU KHC	eiP 08 03 47, D 77.9 eP 08 03 52, D 78.9
OCT30	08 37 39.3 N. Atlantic Ridge 45.3 N 27.75 W, 33km, m 4.3 ISC
KHC	eiP 08 43 30, D 28.1

OCT30	Near shock
PRU KHC	eiPg 10 23 52.7, ei 23 54.5, ei 24 04.7, eiSg 24 07.7, (D 1.1) ePg 10 24 01, eiSg 24 19.2, (D 1.4)
OCT30	Probably explosion
PRU KHC	iPg 10 44 26.3, iSg 44 27.8, (D 0.12) eiPg 10 44 45, eSg 45 00, (D 1.1)
OCT30	12 17 22.3 Russia 52.35 N 95.73 E, 33km, m 5.0 ISC
PRU KHC	eiPC. 12 26 03.2, ei 26 09.2, D 48.4 eiPC. 12 26 11.2 (1.1s 31mu), ei 26 16.5, m 5.2, D 49.4
OCT30	Near shock
PRU	eiPg 12 57 58, eiSg 58 23, (D 1.9)
OCT30	Near shock
PRU KHC	iPg 13 58 42, iSg 59 02.2, (D 1.4) e 13 59 06, eiSg 59 38
OCT30	Near shock
PRU KHC	eiPg 14 36 01.7, eiSg 36 26.2, (D 1.8) e 14 36 12, eSg 36 38
OCT30	Near shock
KHC PRU	eiPg 14 59 12.5, eiSg 59 23.5, (D 0.85) iPg 14 59 14.6, eiSg 59 28.3, (D 1.1)
OCT30	18 39 21 New Guinea 2.42 S 143.48 E, 12km, m 5.2 ISC
KHC	ePKIKP 18 58 06, D 116.9
OCT30	Unidentified shock
KHC PRU	eP 22 53 06, ei 53 03.5, ei 54 16 e 22 54 19, e 54 28, ei 54 52
OCT31	06 43 25.4 Kurile Isl. 45.57 N 150.90 E, 80km, m 5.3 ISC
PRU KHC	eiPC. 06 55 13.8 (1.0s 68mu), ei 56 06.8, m 5.5, D 77.6 iPC. 06 55 20.2 (1.0s 172mu), eisP 55 53, m 5.9, D 78.6
OCT31	07 00 13.3 Japan 37.10 N 142.19 E, 39km, m 5.1 ISC
PRU	eiPC. 07 12 29.5, epP 12 40, eL 42, Lm 50 (LH: 16s 2.7u), M 5.7

KHC	D 81.8 eiP 07 12 35.4 (1.1s 17mu), eiPcP 12 44, ei 13 21, eiPP 15 39.2 m 5.2, D 82.8
OCT31	07 27 54.7 Fiji 17.25 S 174.30 E, 42km, m 5.1 ISC
PRU KHC	ePKP 07 47 26, D 143.5 eiPKP 07 47 27.8, ei 48 58, D 144.6
OCT31	07 34 16.3 Fiji 17.28 S 174.26 E, 62km, m 5.1 ISC
KHC	eiPKP 07 53 45, D 144.6
OCT31	Near shock
PRU KHC	ePg 08 34 57, e 35 12 eiPg 08 35 05, eSg 35 22.5, (D 1.3)
OCT31	08 53 28.6 W. Persia 33.20 N 47.91 E, 77km, m 5.0 ISC
PRU KHC	eP 08 59 28, D 29.7 eiP 08 59 31.8 (1.1s 22mu), m 4.8, D 30.0
OCT31	11 33 02 Aleutian Isl. 51.26 N 178.95 W, 22km, m 6.0 ISC
PRU KHC	eiPC. 11 45 01.7 (1.0s 106mu, PH: 9.5s 2.3u, PV: 8.5s 1.2u), epP 45 11.5, ePP 47 59, eiS 54 52 (8s 2.3u), ei 55 16, ei 55 42, e(SS) 59 48, e 12 05 30, eL 13.8, Lm 19.9 (LH: 21s 3lu), m 5.8, M 6.7, MPH 6.7, MPV 6.1, MSH 6.4, D 78.5 iP 11 45 07.6 (1.0s 253mu), ei 45 53, eiPP 48 06, m 6.2, D 79.4
OCT31	Near shock
KHC	ePg 11 54 37, eiSg 55 09, (D 2.5)
OCT31	Near shock
PRU KHC	eiPg 13 02 21, eiSg 02 35, (D 1.1) ei 13 02 24, eiSg 02 38
OCT31	Near shock
PRU	eiPg 13 25 05, eSg 25 51, (D 2.0)

NOVO1	04 14 28.3 Aleutian Isl. 51.32 N 179.10 W, 47km, m 4.4 ISC
KHC	eP 04 26 30, D 79.3
NOVO1	Near shock
KHC	ePg 11 14 49.5, eiSg 15 08.5, (D 1.4)
NOVO1	11 08 24.3 Gulf of California 23.19 N 107.99 W, 31km, m 5.5 ISC
PRU	eP 11 21 31, epP 21 41.2, e 24 19, ei(PP) 25 31, eS 32 08, ei 32 42, e 37 08, eL 45, Lm 12 02 ca (LH: 18s 46u, LV: 16s 19u), M 6.9, D 91.2
KHC	eiP 11 21 33.7, ei 23 28.4, ei 24 48.5, eiPP 25 08.8, D 91.2
NOVO1	Unidentified shock
PRU	ei 12 26 40, ei 27 12
KHC	e 12 26 45, ei 27 08
NOVO1	Near shock
PRU	iPg 12 28 49.7, eiSg 29 08, (D 1.4)
NOVO1	Unidentified shock
KHC	e 15 18 37.5, ei 18 44, ei 19 46.8, ei 20 04
PRU	e 15 18 47, e 19 45.5, ei 19 55.7, ei 20 33
NOVO2	Unidentified shock
KHC	e 01 18 51, ei 19 46
NOVO2	02 33 31.4 Fiji 21.94 S 179.52 W, 591km, m 4.7 ISC
PRU	eiPKHKPD. 02 52 15.7, eiPKP2 52 24.7, D 149.9
KHC	eiPKHKP 02 52 18.2, eiPKP2 52 29.3, D 150.9
NOVO2	16 25 53.4 Tonga 17.6 S 172.9 W, 33km, m 4.5 ISC
PRU	e 16 45 46, D 147.2
KHC	e 16 45 48, D 148.2
NOVO3	02 49 56 Austria 47.8 N 16.3 E VIE
KHC	ePn 02 50 39, eiSn 51 05, D 2.3
PRU	eiPg 02 50 43.7, ei 51 02, eiSg 51 13, D 2.5
NOVO3	08 25 12.1 E. of North Isl., New Zealand 36.57 S 177.78 E, 14km, m 5.1 ISC

KHC	ePKP2 08 45 58, D 163.0
NOVO3	10 47 19.1 Kermadec Isl. 29.96 S 178.18 W, 129km, m 5.0 ISC
KHC	eiPKP2 11 07 39, D 158.9
NOVO3	Near shock
PRU	eiPg 12 44 08.7, eiSg 44 24.7, (D 1.2)
KHC	ePg 12 44 11, eiSg 44 28, (D 1.3)
NOVO3	Unidentified shock
KHC	eiPC. 16 47 05.7, ei 47 18, ei 48 03.7, ei 48 18, ei 48 51.2
PRU	e 16 47 12, eiPg 47 19.7, ei 47 38, ei 48 14, ei 48 30, ei 48 56
NOVO3	21 53 16.5 S. Persia 26.74 N 53.67 E, 8km, m 4.8 ISC
KHC	eiP 22 00 37, D 38.1
NOVO4	03 24 46 Yugoslavia 44.8 N 17.5 E, 0km ISC
KHC	eiPn 03 26 04, eiSn 27 02, ei 27 16, D 5.1
PRU	ei 03 26 18.2, ei 27 25, eiSg 27 40, ei 27 54, D 5.6
NOVO4	08 50 47.5 Japan 33.79 N 137.17 E, 351km, m 5.2 ISC
PRU	eP 09 02 31.7, esP 04 44, D 82.4
KHC	eiP 09 02 36.7 (1.5s 36mu), ei 03 08.5, eisP 04 49, m 5.0, D 83.4
NOVO4	09 20 51.3 Kurile Isl. 43.6 N 147.2 E, 33km, m 4.1 ISC
KHC	eiP 09 32 55.4, eisP 33 08.6, D 79.1
NOVO4	Near shock
KHC	ePg 11 19 05.5, eiSg 19 21.5, (D 1.2)
NOVO4	Unidentified shock
KHC	e(P) 12 09 34, ei 10 35, ei 11 07.4
NOVO4	12 05 24 Aleutian Isl. 51.20 N 179.17 W, 40km, m 4.7 ISC
KHC	eiP 12 47 27.5, D 79.5
NOVO4	Near shock

PRU	eiPg 13 38 31.7, eiSg 38 47.2, (D 1.2)
NOVO4	Near shock
KHC	ePg 15 11 45, eiSg 12 08, (D 1.7)
NOVO4	17 19 13 Kurile Isl. 43.26 N 147.91 E, 28km, m 4.4 ISC
KHC	eiP 17 31 19.5, eisP 31 31, D 79.7
NOVO4	20 17 50.3 Caspian Sea 40.21 N 50.22 E, 50km, m 4.8 ISC
PRU	eP 20 23 28, D 26.8
KHC	eiP 20 23 28, D 27.3
NOVO4	22 04 11.1 Molucca Sea 0.14 S 125.03 E, 28km, m 5.4 ISC
PRU	eP 22 18 10, D 103.2
KHC	eP 22 18 13, D 104.0
NOVO4	23 40 19.9 S. of Fiji 22.14 S 179.57 W, 577km, m 5.2 ISC
PRU	ePKIKP 23 59 02, ei 59 06.2, eiPKP2 59 14.7, eipPKP2 00 01 24, D 150.1
KHC	ePKIKP 23 59 02.2, iPKHKP 59 08.7, iPKP2 59 19.8, eipPKP2 00 01 22, D 151.1
NOVO5	07 47 34 N. Atlantic Ocean 35.85 N 10.73 W, 29km, m 4.4 ISC
KHC	eiP 07 52 29.7, ei 52 45.6, D 22.2
PRU	e 07 52 56, D 23.1
NOVO5	09 00 Explosion of 4.2 Tons: Czechoslovakia 50.64 N 14.01E PRU
PRU	eiPg 09 00 39.7, eiSg 00 49.7, D 0.74
KHC	e 09 00 55, eiSg 01 15.5, D 1.6
NOVO5	Near shock
PRU	eiPg 10 49 56, eiSg 50 11, (D 1.1)
KHC	ePg 10 50 04, e(Sg) 50 21.5
NOVO5	Near shock
PRU	ePg 12 13 01, ei 13 12, eiSg 13 16, (D 1.1)
NOVO5	Near shock
PRU	ePg 12 45 58, ei 46 20, eiSg 46 22.5, (D 1.8)

NOVO5	17 54 10.7 California 34.72 N 121.28 W, 11km, m 5.8 ISC
PRU	eiP 18 06 57 (1.5s 26mu, PV: 6s 1u), e 07 14, eiPP 10 20 (PPH: 6s 0.5u, PPV: 7s 1u), eS 17 32, ei 17 41, eiPS 18 42, e(SS) 32 01, eL 38, Lm 49.8 (LH: 16s 7.8u, LV: 14s 3.1u), m 5.2, M 6.2, MPV 6.2, MPPH 6.3, MPPV 6.4, D 87.0
KHC	eiP 18 06 59, eiPP 10 27.5, D 87.4
NOVO5	Probably near shock
PRU	ePn 20 08 45, eiPg 08 53.2, eiSg 09 29.7, (D 2.8)
KHC	e 20 08 58, ei 09 30, ei 09 56, eiSg 10 02.5
NOVO5	20 25 13.7 Bhutan 27.66 N 90.24 E, 13km, m 5.0 ISC
PRU	eiPC. 20 35 24.7 (0.9s 14mu), Lm 21 33 (LN: 23s 1.7u), m 5.0, (M 5.2), D 60.4
KHC	eiP 20 35 29.7 (0.9s 13mu), m 5.1, D 61.1
NOVO5	23 05 01.8 Philippines 19.06 N 120.67 E, 37km, m 4.9 ISC
PRU	eiP 23 17 37.7, D 85.5
KHC	eiP 23 17 42, D 86.4
NOVO6	01 55 41 Kurile Isl. 43.40 N 147.81 E, 25km, m 4.7 ISC
PRU	eP 02 07 42, eipP 07 52, ei 08 40, eL 37, Lm 45.7 (LN: 16s 1.1u), (M 5.3), D 78.4
KHC	eiPC. 02 07 47.3 (1.0s 17mu), eisP 07 56, m 4.9, D 79.5
NOVO6	02 18 16.2 Fiji 22.0 S 178.3 W, 33km, m 4.6 ISC
PRU	eipKIKP 02 37 56.8, D 150.3
NOVO6	Unidentified shock
KHC	eiP 06 38 36.8
NOVO6	Near shock
PRU	eiPg 11 09 36.2, eiSg 09 50, (D 1.1)
NOVO6	11 33 16 Columbia 5.18 N 76.29 W, 108km, m 4.9 ISC
KHC	eiP 11 45 46.7 (1.0s 17mu), eipP 46 13, m 4.9, D 86.0
PRU	eiP 11 45 50.2, D 86.6
NOVO6	Near shock
PRU	ePn 12 25 40, eiPg 25 41.7, eiSg 25 55, (D 1.2)

NOVO6	13 13 53.8 Mexico 15.55 N 93.75 W, 94km, m 4.8 ISC
KHC PRU	eP 13 26 41.5, D 89.3 eP 13 26 42, D 89.5
NOVO6	13 21 18 Mid-Atlantic Ridge 4.01 N 32.36 W, 11km, m 4.9 ISC
KHC PRU	eiP 13 31 23 (1.3s 32mu), m 5.2, D 59.5 eP 13 31 30 (2.0s 42mu), m 5.1, D 60.5
NOVO6	14 40 54.5 Greenland Sea 73.48 N 7.6 E, 33km, m 4.3 ISC
PRU	eP 14 46 06, e 46 10.2, D 23.8
NOVO6	20 20 19.0 Aleutian Isl. 51.39 N 178.90 W, 37km, m 5.5 ISC
PRU	eiP 20 32 15.7 (PV1: 1.0s 23mu, PV2: 1.0s 31mu), ei 32 19.5, eipP 32 27.7, e 33 10, eSKS 42 20, e 42 48, e(SS) 47 30, eL 21 01, Lm 07 (LH: 21s 5.3u), m1 5.3, m2 5.4, M 5.9, D 78.4
KHC	eiP 20 32 21.7 (PV1: 1.0s 22mu, PV2: 1.0s 97mu), eisP 32 34.9, ei 33 09, m1 5.1, m2 5.8, D 79.3
NOVO7	Unidentified shock
KHC PRU	eiP 01 47 33.8, ei 49 35 e 01 48 02, ei 48 27.2, e 49 05
NOVO7	04 06 16.9 Japan 41.54 N 141.96 E, 74km, m 4.7 ISC
KHC	eiP 04 18 14, eipP 18 33.6, D 78.9
NOVO7	08 06 53.3 Japan 42.40 N 142.93 E, 79km, m 4.8 ISC
PRU KHC	eP 08 18 42, epP 19 06.5, D 77.5 eiP 08 18 48, eipP 19 15.2, D 78.6
NOVO7	Near shock
PRU KHC	eiPg 11 00 34, eiSg 00 54, (D 1.5) ePg 11 00 39, eiSg 01 03, (D 1.8)
NOVO7	Near shock
PRU	eiPg 11 55 35, eiSg 55 53, (D 1.4)
NOVO7	Unidentified shock
PRU KHC	e 12 46 20 e 12 46 26
NOVO7	12 45 31 N. of Ascension Isl. 2.97 S 12.09 W, 5km, m 5.2 ISC

KHC PRU	eiP 12 55 15.5, eiPP 57 19.8, D 56.5 eiP 12 55 22, D 57.5
NOVO7	13 04 22.9 N. of Ascension Isl. 2.91 S 11.99 W, 16km, m 5.0 ISC
KHC PRU	eiP 13 14 04.2, eiPP 16 09, D 56.4 eP 13 14 13, ei 14 20.5, D 57.4
NOVO7	13 41 12.4 Ryukyu Isl. 26.62 N 126.28 E, 114km, m 5.4 ISC
PRU KHC	eiP 13 53 24.5 (1.0s 47mu), ei 53 35.5, eisP 54 02, m 5.4, D 82.7 eiP 13 53 29 (1.2s 57mu), eisP 54 06.4, m 5.4, D 83.7
NOVO7	Near shock
KHC PRU	ePg 14 03 57, eiSg 04 04, (D 0.55) ePg 14 04 08, eiSg 04 22, (D 1.1)
NOVO7	Near shock
PRU	eiPg 14 51 22.8, eiSg 51 49.3, (D 1.3)
NOVO7	16 30 26.8 S. Persia 26.55 N 53.59 E, 23km, m 5.0 ISC
KHC	eP 16 37 45, D 38.2
NOVO7	16 41 04.0 N. of Ascension Isl. 2.81 S 12.10 W, 14km, m 5.2 ISC
KHC PRU	eiP 16 50 46, eiPP 52 50.8, D 56.3 eiP 16 50 52.5, D 57.4
NOVO7	18 20 34.5 N. of Ascension Isl. 2.80 S 12.00 W, 19km, m 5.0 ISC
KHC PRU	eP 18 30 15, eiPP 32 20.2, D 56.3 eP 18 30 23, D 57.3
NOVO7	18 34 04.2 S. Persia 27.80 N 60.02 E, 74km, m 6.1 ISC
PRU KHC	eiPC.N.W. 18 41 40 (1.0s 46mu, PH: 12s 4.3u, PV: 10s 2.5u), eipP 41 53.5, ei 42 52, eiPP 43 20 (PPE: 20s 12u), i 43 34, eiScP 47 22, eiS 47 44 (SH: 20s 16u), eiSS 51 00 (SSH: 22s 83u) eL 58, Lm 19 06.5 (LH: 16s 21u), m 5.3, M 6.3, MPH 6.2, MPV 6.0, (MPPH 6.4), MSH 6.5, D 41.0. Extraordinarily large SS. iPC. 18 41 43.1 (1.3s 371mu), iPP 43 25.2, ei 44 53.3, eiScP 47 23.3, eiS 47 51, m 6.1, D 41.3
NOVO7	Unidentified shock
PRU KHC	e 19 05 32, ei 06 05 e 19 06 04, ei 06 19

NOV07	Near shock
PRU	eiPg 20 50 11.7, eSg 50 46, (D 2.6)
NOV07	Near shock
KHC	ei 22 05 10.5, ei 05 16, ei 05 43.4, eiSg 05 52.5
PRU	ePg 22 05 34, e 06 06, eSg 06 23, (D 3.6)
NOV08	01 41 44.6 New Hebrides 16.21 S 167.34 E, 43km, m 5.6 ISC
PRU	ePKIKP 02 01 10, e 04 41, eL 50, Lm 03 01 (LH: 25s 2.2u), M 5.8
KHC	D 139.8 eiPKIKP 02 01 11, ei 01 41.5, D 140.8
NOV08	07 21 29.9 Kurile Isl. 45.33 N 150.15 E, 59km, m 5.2 ISC
PRU	eiP 07 33 20.5 (0.9s 22mu), eipP 33 32, m 5.3, D 77.5
KHC	eiP 07 33 26.7 (1.0s 59mu), eipP 33 40.2, m 5.7, D 78.6
NOV08	12 17 32.6 Kurile Isl. 48.97 N 155.77 E, 49km, m 4.5 ISC
KHC	eiP 12 29 21, ei 29 28.5, D 77.0
NOV08	Near shock
PRU	eiPg 12 45 49, eiSg 46 13, (D 1.8)
KHC	e 12 45 56, eiSg 46 17.2
NOV08	15 39 11.1 N. of Ascension Isl. 2.7 S 11.8 W, 15km, m 4.6 ISC
KHC	eP 15 48 51, eiPP 50 58.5, D 56.2
PRU	eP 15 49 04, D 57.2
NOV08	20 28 23 N. of Ascension Isl. 2.91 S 12.11 W, 22km, m 5.1 ISC
KHC	eP 20 38 03, eiPP 40 09.8, D 56.4
NOV08	21 00 17.5 S. of Fiji 22.05 S 179.74 W, 617km, m 4.6 ISC
PRU	ePKHKP 21 19 00, eiPKP2 19 09, D 149.9
KHC	eiPKHKP 21 19 03.4, eiPKP2 19 14.2, D 151.0
NOV08	21 55 08 Halmahera 1.13 S 127.1 E, 19km, m 5.2 ISC
KHC	e 22 12 49, eiPP 13 45, D 106.1
PRU	e 22 13 16, ePP 13 44, eL 46, Lm 23 01 (LH: 14s 2.2u), M 5.9, D 105.2
NOV09	09 07 51.0 New Hebrides 16.25 S 167.90 E, 186km, m 5.3 ISC

KHC	eiPKP 09 26 54.6, eipPKP 27 50.3, eiPP 30 03.2, i 30 20.4, ei 30 35, D 141.1
PRU	ePP 09 29 57, ei 30 17, D 140.1
NOV10	00 30 28.9 Samoa 15.54 S 172.97 W, 35km, m 4.4 ISC
KHC	eiPKP 00 50 07, D 146.1
NOV10	09 12 50 Samoa 15.3 S 173.0 W, 80km, m 4.5 ISC
KHC	eiPKP 09 32 21, i 32 33.2, eisPKP 32 51.5, D 145.8
NOV10	09 19 02.0 Tonga 15.3 S 174.0 W, 33km, m 4.6 ISC
PRU	ePKP 09 38 40, D 144.7
KHC	eiPKP 09 38 42.7, D 145.7
NOV10	Near shock
PRU	ePg 15 05 02, eiSg 05 28.5, (D 2.0)
NOV10	Near shock
PRU	eiPg 16 26 56, eiSg 27 17, (D 1.5)
NOV10	18 15 56.0 Svalbard 77.13 N 14.6 E, 10km, m 4.7 ISC
PRU	eP 18 21 45, ei 22 06.5, D 27.3
NOV10	19 13 02 Kurile Isl. 43.10 N 147.94 E, 28km, m 5.0 ISC
PRU	eP 19 25 05, D 78.8
KHC	eP 19 25 10 (1.0s 13mu), m 4.8, D 79.8
NOV11	00 30 34.9 Persia 33.43 N 54.99 E, 35km, m 4.9 ISC
KHC	ei(P) 00 37 19.5, ei 37 48.2, D 34.4
NOV11	Near shock
KHC	eiPg 12 00 32.4, eiSg 00 41.7, (D 0.73)
PRU	eiPn 12 00 43, eiPg 00 45, eiSg 00 58.5, (D 1.1)
NOV11	12 14 31.3 Kurile Isl. 43.26 N 146.92 E, 34km, m 4.6 ISC
PRU	eiP 12 26 19, D 78.3
KHC	eiP 12 26 25.2, D 79.3
NOV11	Near shock

NOV11	Near shock
PRU	eiPg 13 21 52.5, eiSg 22 09.5, (D 1.3)
NOV11	Near shock
PRU	ePg 14 47 29, eiSg 47 57, (D 2.2)
NOV11	Near shock
PRU	eiPg 15 09 57, eiSg 10 21, (D 1.8)
NOV11	Near shock
PRU	eiPg 15 39 22.5, eiSg 39 44, (D 1.6)
NOV11	15 24 00.0 New Britain 5.73 S 151.42 E, 78km, m 5.2 ISC
PRU	eiPKIKP 15 42 48.5, D 123.0
KHC	eiPKIKP 15 42 50.6, eipPKP 43 09, D 124.0
NOV12	00 50 57.0 Fiji 21.94 S 179.48 W, 614km, m 4.6 ISC
PRU	eiPKHKP 01 09 39.5, D 149.9
NOV12	01 27 04.6 Kurile Isl. 43.43 N 146.80 E, 40km, m 4.7 ISC
PRU	eP 01 39 01, D 78.1
KHC	eiP 01 39 06, D 79.1
NOV12	Near shock
PRU	ePg 09 05 38, eiSg 05 58.5, (D 1.6)
NOV12	Near shock
PRU	ePg 10 59 03, eiSg 59 26.5, (D 1.8)
KHC	e 10 59 39, eiSg 59 46
NOV12	12 29 43.5 Japan 42.42 N 145.04 E, 39km, m 5.2 ISC
PRU	eiPC. 12 41 41 (1.0s 27mu), eiPcP 41 47.5, ei 42 12.5, eL 13 11, Lm 19.5 (LH: 19s 1.5u), m 5.3, M 5.4, D 78.3
KHC	eiPC. 12 41 47.0 (1.1s 51mu), eiPcP 41 53.2, m 5.5, D 79.4
NOV12	Unidentified shock
PRU	ei 12 49 25, e 49 53, ei 50 03
KHC	ei 12 49 31, ei 49 52.7, ei 50 08

NOV12	Near shock
PRU	ePg 13 09 56.5, eiSg 10 21, (D 1.8)
NOV12	Near shock
PRU	eiPg 14 10 52.5, eiSg 11 19, (D 2.0)
NOV12	14 58 21.2 Austria 47.16 N 14.45 E, 0km ISC
KHC	eiPg 14 58 58.5, ei 59 07, eiSg 59 27, D 2.1
PRU	ePn 14 59 08.4, eiPg 59 16.8, ei 59 37.5, ei 59 48.5, eiSg 59 54, D 2.8
NOV12	18 23 24.5 Japan 35.48 N 140.87 E, 52km, m 4.8 ISC
PRU	eP 18 35 43, esP 36 02, D 82.6
KHC	eiP 18 35 48, eisP 36 04, D 83.6
NOV12	19 09 01.7 Aleutian Isl. 52.90 N 168.32 W, 50km, m 5.5 ISC
PRU	eiPC. 19 20 53 (1.1s 41mu), eisP 21 16.5, eS 30 40, eL 41, Lm 58 (LH: 20s 3.1u, LV: 20s 1.4u), m 5.3, M 5.8, D 77.5
KHC	iPC. 19 20 58.3 (1.3s 102mu), eisP 21 07, m 5.6, D 78.3
NOV13	Unidentified shock
KHC	ei 04 44 17.8, ei 45 12.4
PRU	e 04 44 40.5, e 44 54, ei 45 45
NOV13	04 58 28.7 S. of Fiji 23.75 S 179.95 W, 514km, m 5.0 ISC
PRU	ePKHKP 05 17 24, epPKP2 19 26, D 151.5
KHC	ePKHKP 05 17 27, eiPKP2 17 40, D 152.5
NOV13	Rock burst, mine region of Příbram.
PRU	iPgD. 08 08 50.2, ei 08 56.2, i 08 57.2
KHC	eiPg 08 08 53.2, eiSg 09 01.3, (D 0.63)
NOV13	07 51 30.8 N. Chile 27.76 S 71.67 W, 43km, m 5.7 ISC
PRU	ePP 08 10 23, e 18 16, eL 42, Lm 59 (LH: 18s 0.9u), M 5.4, D 108.4
KHC	ePP 08 10 26, D 107.5
NOV13	Near shock
PRU	eiPg 11 26 57, ei 27 08.5, eiSg 27 11, (D 1.1)
KHC	ePg 11 27 05, eiSg 27 22.2, (D 1.3)

NOV13	Near shock
PRU KHC	eiPg 12 28 04, ei 28 14, eiSg 28 17, (D 1.0) ePg 12 28 11, eiSg 28 28.7, (D 1.3)
NOV13	Near shock
PRU KHC	ePn 12 33 02, ei33 14.5, eiSn 33 35.5, eiSg 33 47.5, (D 2.8) e 12 33 19, eiSg 33 54
NOV13	Near shock
PRU	eiPg 12 47 53, eiSg 48 09, (D 1.2)
NOV13	Near shock
PRU KHC	iPg 13 14 36.6, eiSg 14 38.1, (D 0.12) eiPg 13=14 53, eiSg 15 08, (D 1.1)
NOV13	Near shock
PRU KHC	iPg 13 19 07.6, ei 19 24.6, iSg 19 28.6, (D 1.6) ePg 13 19 22, e 20 00
NOV13	Near shock
PRU KHC	iPg 15 20 14.5, ei 20 36, iSg 20 39, (D 1.8) e 15 20 26, eiSg 20 58
NOV13	Near shock
PRU KHC	iPg 16 24 09, ei 24 27, iSg 24 29.5, (D 1.5) e 16 24 23.5, ei 24 32, eiSg 25 03
NOV14	06 48 07.1 S. Italy 40.68 N 15.70 E, 41km ISC
KHC PRU	eiPn06 50 10, ei 50 42, ei 51 44, D 8.6 ePn 06 50 20.5, ei 51 29, ei 52 17, D 9.3
NOV14	06 52 02 Colombia 4.99 N 76.79 W, 21km, m 4.6 ISC
KHC PRU	eiP 07 04 44.2, D 86.5 eiPD. 07 04 48, D 87.1
NOV14	07 37 43.9 Tonga 19.69 S 175.78 W, 193km, m 5.3 ISC
PRU KHC	eiPKIKP 07 57 05, iPKHKP 57 09.0, eipPKP2 58 03, eisPKP2 58 25.5, D 148.7 eiPKIKP 07 57 06.5, iPKHKP 57 12.2, eipPKP2 58 03.8, D 149.7
NOV14	08 34 Explosion of 13.7 Tons: Czechoslovakia 50.60 N 15.92E PRU

PRU KHC	eiPg 08 35 07.5, eiSg 35 21.5, D 1.1 e 08 35 26.5, eiSg 35 53.5, D 2.1
NOV14	09 41 22 Afghanistan-USSR 38.6 N 70.7 E, 68km, m 5.0 ISC
KHC	eiP 09 49 03, D 41.6
NOV14	Near shock
KHC PRU	e 12 53 08, eSg 53 39 eiPg 12 52 45.2, eiSg 53 04, (D 1.4)
NOV14	Near shock
PRU	eiPg 15 45 51, ei 46 09, eiSg 46 11, (D 1.5)
NOV14	15 37 14.5 Tonga 15.0 S 173.35 W, 33km, m 4.5 ISC
KHC	eiPKPC. 15 56 50.6, D 145.5
NOV15	02 54 37.1 Turkey 37.78 N 29.91 E, 6km, m 4.7 ISC
KHC	eiP 02 58 33.2, D 16.4
NOV15	03 35 56 Japan 40.22 N 146.79 E, 27km, m 4.3 ISC
KHC	eP 03 48 09, D 81.9
NOV15	Near shock
KHC PRU	ePg 12 00 34, eiSg 00 41.2, (D 0.55) ePg 12 00 45, eiSg 01 01, (D 1.2)
NOV15	Unidentified shock
KHC PRU	e 12 26 43, ei 27 16 ei 12 26 49, ei 27 08.5
NOV16	23 58 50 S. Persia 26.73 N 53.65 E, 29km, m 4.9 ISC
KHC	eiP 00 06 08, D 38.1
NOV16	07 02 14 Greece 40.0 N 22.7 E, 0km ISC
KHC	e 07 05 03, D 11.2
NOV16	10 30 01.7 El Salvador 13.35 N 89.69 W, 79km, m 4.8 ISC
KHC	eP 10 42 43, D 88.5

NOV16	16 39 25 Crete 36.0 N 25.5 E, 116km ISC
KHC	eP 16 43 00, D 15.8
NOV16	20 09 10.0 E. New Guinea 6.28 S 147.96 E, 49km, m 5.0 ISC
KHC	ePKIKP 20 28 00.5, D 122.6
NOV17	00 43 14.2 Kermadec Isl. 29.25 S 179.89 W, 300km, m 4.7 ISC
KHC	eiPKIKP 01 02 34.6, iPKP2 03 10.7, ei 03 50.2, D 158.0
PRU	eiPKP2 01 03 05.5, D 156.9
NOV17	02 42 54 Tonga 21.4 S 174.0 W, 30km, m 4.3 ISC
PRU	ePKHKP 03 02 44, D 150.7
KHC	ePKHKP 03 02 47, D 151.7
NOV17	03 45 30 Loyalty Isl. 22.87 S 174.2 E, 36km, m 4.4 ISC
PRU	ePKIKP 04 05 11.5, D 148.6
KHC	eiPKIKP 04 05 14, D 149.7
NOV17	12 51 36.5 Kurile Isl. 43.07 N 147.75 E, 35km, m 4.4 ISC
PRU	eP 13 03 39, D 78.7
KHC	eP 13 03 41, ei 04 04.2, D 79.8
NOV17	13 25 31.1 Tonga 17.60 S 173.08 W, 33km, m 4.9 ISC
PRU	eiPKIKP 13 45 12.2, eisPKP2 45 28, D 147.1
KHC	eiPKIKP 13 45 14.8, eisPKP2 45 32, D 148.1
NOV17	17 56 50.4 Kurile Isl. 43.35 N 146.76 E, 47km, m 4.6 ISC
PRU	eP 18 08 47, eipP 08 57, D 78.1
KHC	eiP 18 08 51, eipP 09 02, D 79.2
NOV17	17 55 00 Loyalty Isl. 20.96 S 169.0 E, 15km ISC
PRU	ePKP 18 14 34, D 144.7
KHC	eiPKP 18 14 38, D 145.7
NOV17	22 28 37.7 Kurile Isl. 43.83 N 148.32 E, 42km, m 4.7 ISC
PRU	eiP 22 40 35.3, eipP 40 48.2, D 78.2
KHC	eiP 22 40 40.5 (1.0s 20mu), m 5.1, D 79.3
NOV18	07 32 56.7 Yugoslavia 45.04 N 17.55 E, 17km ISC
KHC	eiPn 07 34 10.4, ei 35 06, ei 35 39.4, D 4.9

PRU	ePn 07 34 18, eiSn 34 46, ei 35 31.4, D 5.4
NOV18	Near shock
PRU	ePg 12 59 02, eiSg 59 09, (D 0.55)
KHC	ePg 12 59 14, eiSg 59 28.2, (D 1.1)
NOV18	Unidentified shock
KHC	ei 14 41 10.7
PRU	e 14 41 13
NOV18	Near shock
PRU	eiPg 14 54 35.2, eiSg 54 52, (D 1.3)
NOV18	20 45 41.9 Tonga 22.25 S 175.18 W, 33km, m 4.9 ISC
PRU	eiPKHKP 21 05 33.8, eiPKP2 05 47.7, D 151.3
KHC	eiPKHKP 21 05 35.8, eipPKP2 05 58.2, D 152.3
NOV19	Near shock
PRU	e 01 15 37, eiSg 15 41
KHC	ePg 01 15 52, eiSg 16 08.3, (D 1.2)
NOV19	07 30 Explosion of 4.6 Tons: Czechoslovakia 50.48 N 13.95 E PRU
PRU	eiPg 07 30 13.2, ei 30 22.5, D 0.62
KHC	eiPg 07 30 27.6, eiSg 30 46.7, D 1.4
NOV19	Near shock
KHC	eiPg 08 43 29.5, eiSg 43 51.3, (D 1.6)
PRU	e 08 43 43, eiSg 44 12
NOV19	08 45 04.7 Sea of Japan 41.83 N 133.82 E, 437km, m 4.9 ISC
PRU	eiP 08 55 57.5 (1.0s 49.5mu), ei 56 03.5, m 5.1, D 74.3
KHC	iPC. 08 56 03.1 (1.0s 70mu), eipP 57 43, m 5.2, D 75.3
NOV19	Near shock
PRU	ePg 10 55 01.5, eiSg 55 16, (D 1.1)
NOV19	13 11 50.0 N. Sumatra 0.94 N 97.89 E, 68km, m 5.0 ISC
PRU	eiP 13 24 18.5, D 85.0
KHC	eiP 13 24 21.5, D 85.6

NOV20	09 00 Explosion of 22.4 Tons: Czechoslovakia 49.88 N 15.87E PRU
PRU	Lm 09 00 34, D 0.87. The early part of the record in the time mark.
KHC	eiSg 09 00 52, Lm 01 09.5, D 1.67. The early part of the record in the time mark.
NOV20	Near shock
PRU	eiPg 09 41 23, eiSg 41 48, (D 1.9)
KHC	e 09 42 08, eiSg 42 18.5
NOV20	Near shock
KHC	e 11 09 17, eiSg 09 28.5
PRU	ePg 11 09 31, eiSg 09 56, (D 1.9)
NOV20	Near shock
PRU	ePg 11 52 44, eiSg 53 03, (D 1.4)
NOV20	Near shock
PRU	eiPg 12 46 24, eiSg 46 42, (D 1.4)
NOV20	Near shock
KHC	ePg 14 44 29, eiSg 44 46.2, (D 1.4)
NOV20	21 00 24 Kurile Isl. 43.26 N 147.93 E, 16km, m 5.2 ISC
PRU	eiP 21 12 26 (1.0s 19mu), eiPcP 12 38.5, ei 12 49.5, eL 41, Lm 45.5 (LH: 20s 1.8u), m 5.1, M 5.4, D 78.6
KHC	eiPC. 21 12 32.4 (1.0s 26mu), eiSg 12 43, m 5.1, D 79.7
NOV20	23 46 12.3 Kodiak Isl. 56.58 N 153.29 W, 30km, m 5.2 ISC
PRU	eP 23 57 42, ei 57 44, ei 58 20.5, ePP 00 00 36, eS 07 12, eL 24, Lm 42 (LH: 17s 3.3u), M 5.7, D 73.3
KHC	eiP 23 57 45.6 (PV1: 1.1s 22mu, PV2 1.0s 54mu), i 57 51.0, ei 58 02.5, m1 5.1, m2 5.5, D 74.1
NOV21	00 14 09 Kodiak Isl. 56.30 N 153.47 W, 8km, m 5.1 ISC
PRU	eiP 00 25 44, eiPcP 25 52, D 73.6
KHC	eiPC. 00 25 48.8 (1.0s 26mu), i 25 56.6, m 5.2, D 74.4
NOV21	00 29 49 Kodiak Isl. 56.38 N 153.65 W, 6km, m 5.0 ISC
PRU	eP 00 41 23, D 73.5
KHC	eiP 00 41 29.6 (1.0s 17mu), ei 41 40.4, m 5.0, D 74.3

NOV21	02 05 35.4 N. Sumatra 1.94 N 94.61 E, 20km, m 6.4 ISC
PRU	eiPD.E. 02 17 55 (1.5s 476mu, PH: 12s 11u, PV: 10s 13u), i 17 58.5, isP 18 04, eiS 28 08, e(SS) 33 50, eL37, Lm 53.5 (LH: 22s 320u, LV: 22s 45u), m 6.4, M 7.7, MPH 7.2, MPV 7.0, D 82.1
KHC	eiPD. 02 17 57.8 (1.4s 444mu), isP 18 06.5, eiS 28 14.2, m 6.5, D 82.6
NOV21	02 29 27.1 N. Sumatra 1.69 N 94.52 E, 33km, m 5.3 ISC
PRU	eiP 02 41 47.5, D 82.3
KHC	eiP 02 41 50, D 82.8
NOV21	08 12 27 Kurile Isl. 43.45 N 148.00 E, 24km, m 4.8 ISC
PRU	eP 08 24 26, i 24 30, ei 24 44, e 27 45, eL 53, Lm 09 03 (LH: 17s, 3.3u, LV: 16s 1.5u), M 5.8, D 78.5
KHC	eiP 08 24 32.5 (1.0s 16mu), ei 24 45.2, ei 27 51.6, m 4.9, D 79.5
NOV21	08 57 15.8 Kurile Isl. 43.31 N 147.83 E, 42km, m 4.8 ISC
PRU	eP 09 09 14, eipP 09 27, D 78.5
KHC	eiP 09 09 20.5, eipP 09 34.4, D 79.6
NOV21	11 25.6 Austria 47.3 N 11.4 E VIE
KHC	ePg 11 26 21.5, ei 26 48, eiSg 26 54.2, D 2.3
PRU	e 11 26 43, eiPg 26 48, eiSg 27 29, D 3.4
NOV21	11 20 40.1 Kurile Isl. 43.36 N 147.73 E, 46km, m 4.5 ISC
KHC	eP 11 32 44, eipP 32 57.5, D 79.5
PRU	epP 11 32 51, D 78.4
NOV21	Near shock
PRU	iPg 12 03 26.0, iSg 03 43.0, (D 1.4)
KHC	e 12 03 41, ei 04 10, eiSg 04 19.5
NOV21	Probably explosion
PRU	iPgC. 13 03 36.5, iSg 03 38.5, (D 0.16)
KHC	ePg 13 03 55, eiSg 04 10.2, (D 1.1)
NOV21	Near shock
KHC	e 13 08 58.5, eiSg 09 05
PRU	iPg 13 09 09.8, iSg 09 26.3, (D 1.3)
NOV21	17 21 32.9 Kurile Isl. 43.99 N 147.73 E, 51km, m 4.6 ISC

PRU KHC	eiP 17 33 27, D 77.9 eiP 17 33 33, D 79.0
NOV22 KHC	05 00 39.1 Kermadec Isl. 28.26 S 177.07 W, 64km, m 5.2 ISC eiPKP2 05 21 01, D 157.6
NOV22 KHC	06 18 50 Kurile Isl. 43.43 N 147.9 E, 18km, m 4.4 ISC eP 06 30 54, eisP 31 07.2, D 79.5
NOV22 KHC	06 38 58.3 Kurile Isl. 43.31 N 147.80 E, 43km, m 4.5 ISC eP 06 51 03, eisP 51 16, D 79.6
NOV22 KHC	Near shock ePg 07 38 15, eiSg 38 34, (D 1.4)
NOV22 KHC	07 49 11.4 France 44.22 N 6.8 E, 0km ISC ePn 07 50 56, eiSn 52 12, D 6.8
NOV22 PRU	Near shock iPg 09 01 38.8, eiSg 01 56.3, (D 1.4)
NOV22 PRU KHC	09 29 Explosion of 7.1 Tons: Czechoslovakia 49.42 N 16.03 E PRU eiPg 09 30 12, eiSg 30 26, D 1.1 eiPg 09 30 21, eiSg 30 42.5, D 1.6
NOV22 PRU KHC	11 23 17.8 Kurile Isl. 46.95 N 154.11 E, 60km, m 4.7 ISC eP 11 35 07, D 77.3 eiP 11 35 13.5, D 78.4
NOV22 PRU KHC	Near shock eiPg 12 40 13, e 40 16 ePg 12 40 26, eiSg 40 40.5, (D 1.1)
NOV22 PRU KHC	18 00 30 Loyalty Isl. 22.3 S 169.0 E, 7km ISC eiPKP 18 20 15, D 145.8 eiPKP 18 20 18, D 146.9
NOV22 KHC	19 27 45.4 Tonga 22.34 S 174.68 W, 33km, m 5.2 ISC ePKIKP 19 47 32, eiPKHKP 47 40, eipPKP 48 02.6, D 152.5

PRU	eiPKHKP 19 47 38.5. eipPKP2 47 48.5. D 151.5
NOV22 KHC	20 34 40 Greece 38.29 N 23.20 E, 8km, m 4.4 ISC eiP 20 37 42, D 12.9
NOV22 PRU KHC	23 09 39.2 Kamchatka 57.70 N 163.56 E, 51km, m 6.2 ISC eiPC.S. 23 20 44.5 (1.7s 529mu. PH: 5s 4u, PV: 5s 5u), i 21 22, eiPP 23 02, eiS 29 56, e 34 00, Lm 48.8, Lm 52.5 (LH: 18s 230u), m 6.2, M 7.6, MPH 6.9, MPV 6.7, D 69.7 eiPC. 23 20 51 (1.5s 798mu), m 6.4, D 70.7
NOV23 KHC PRU	04 09 17.6 S. of Fiji 26.95 S 176.36 W, 50km, m 4.9 ISC eiPKIKP 04 29 08.4, eipPKP2 29 37.7, D 156.6 ePKP2 04 29 33, D 155.5
NOV23 PRU KHC	07 08 44.6 Kurile Isl. 43.36 N 147.72 E, 41km, m 4.8 ISC eiP 07 20 43.5, eipP 20 55.5, D 78.4 eiP 07 20 49.2 (1.2s 16mu), eipP 21 01, m 4.8, D 79.5
NOV23 PRU KHC	11 40 42 Persia-USSR 38.37 N 55.53 E, 14km, m 4.8 ISC eP 11 47 05, e 47 26, D 31.2 eiP 11 47 06.7, D 31.8
NOV23 KHC	18 45 37.6 Kamchatka 58.2 N 163.5 E, 33km, m 4.4 ISC eiP 18 56 49, D 70.2
NOV24 KHC	03 43 16.7 New Britain 4.19 S 152.87 E, 66km, m 4.6 ISC ePKIKP 04 02 09, D 123.5
NOV24 KHC PRU	Unidentified shock eP 09 20 31, ei 11 18.4, ei 12 13.3 e 09 10 52, ei 11 57, ei 12 31
NOV24 KHC PRU	10 51 50.1 Pyrenees 43.48 N 0.7 W, 0km ISC ei 10 57 23, eiSg 58 16.3, D 11.4 eSg 10 58 33, ei 58 52, D 12.4
NOV24 PRU KHC	17 23 19.1 Afghanistan-USSR 37.16 N 71.64 E, 113km, m 5.8 ISC eiPD. 17 31 04 (1.5s 286mu), eipP 31 31, eisP 31 40.5, eiPP 32 47, eiPPP 33 16, eiS 37 12, esS 37 56, eiSS 40 26, m 5.8, D 42.3 iPD. 17 31 09.1 (1.4s 278mu), ipP 31 37.1, eiPP 32 48, m 5.8,

	D 43.0
NOV24	21 14 13.2 Davis Strait 60.49 N 58.88 W, 33km, m 4.9 ISC
PRU KHC	eiP 21 21 54.3 (1.0s 23mu), e 22 24, m 4.9, D 41.0 eiPC. 21 21 56.3 (0.8s 21mu), m 4.9, D 41.1
NOV24	21 31 18.1 Fiji 18.01 S 178.40 W, 597km, m 5.4 ISC
PRU KHC	eiPKIKPD. 21 49 51.5, iPKHKP 49 54.5, iPKP2 49 57.5, eipPKP 52 12, D 146.5 iPKIKPD. 21 49 52.9, iPKHKP 49 57.4, ei 50 33.2, D 147.5
NOV24	21 54 02.5 Fiji 18.08 S 178.25 W, 607km, m 4.4 ISC
PRU KHC	eiPKHKPC. 22 12 38.5, D 146.6 ePKHKP 22 12 41.5, D 147.6
NOV24	22 51 49.6 Kodiak Isl. 56.14 N 153.66 W, 28km, m 5.4 ISC
PRU KHC	eiPD.S. 23 03 20 (2.4s 188mu), eipP 03 30.5, ei 03 40, eS 12 54, eiPS 13 28, e 18 01, Lm 25 40.5 (LH: 18s 2.7u), m 5.7, M 5.6, D 73.8 eiPC. 23 03 27.5, eipP 03 40.3, ei 04 06.2, D 74.6
NOV25	01 32 54.2 Fiji 18.09 S 178.33 W, 591km, m 4.5 ISC
KHC PRU	eiPKIKP 01 51 29.6, ei 51 33.2, D 147.6 eiPKPD. 01 51 30.5, D 146.5
NOV25	04 47 40 Kermadec Isl. 30.55 S 177.77 W, 22km, m 5.0 ISC
KHC PRU	ePKIKP 05 07 38, eiPKP2 08 14.8, D 159.5 eiPKP2 05 08 10, D 158.5
NOV25	Near shock
PRU KHC	iPg 09 35 44, ei 35 56 ePg 09 35 53, eiSg 36 13.4, (D 1.6)
NOV25	16 45 34.0 Yugoslavia 44.88 N 17.6 E, 0km ISC
KHC PRU	ePn 16 46 53, eiSn 47 45, eiSg 48 14.5, D 5.1 e 16 47 10.5, ei 48 14, eiSg 48 37, D 5.5
NOV25	19 32 57 Kurile Isl. 43.31 N 147.77 E, 21km, m 4.9 ISC
PRU KHC	eiPC. 19 44 58.3, D 78.5 eiP 19 45 04.2, D 79.6
NOV26	Near shock

PRU KHC	iPg 10 58 52.5, iSg 59 10.5, (D 1.4) eiPg 10 58 53, eiSg 59 11, (D 1.4)
NOV26	12 44 05 New Hebrides 16.86 S 167.70 E, 30km, m 5.3 ISC
PRU KHC	ePKP 13 03 35, e 04 06, ePP 06 30, eL 43, Lm 14 01 (LH: 24s 3.2u), M 6.0, D 140.5 eiPKP 13 03 35.2, ei 04 09, D 141.6
NOV26	14 27 19 New Hebrides 16.84 S 167.83 E, 22km, m 5.2 ISC
PRU KHC	ePKP 14 46 49, D 140.5 ePKP 14 46 49, D 141.6
NOV26	18 26 08.6 S. Sandwich Isl. 58.87 S 24.7 W, 28km, m 5.4 ISC
PRU	e 18 47 24, eSKS 51 33, e 54 06, eL 19 18, Lm 28 (LH: 18s 1.8u), M 5.7, D 112.1
NOV26	Unidentified shock
KHC PRU	e 19 55 35, ei 55 56, ei 56 30.7 e 19 56 15, e 56 54, ei 57 07, ei 57 29
NOV26	Near shock
KHC PRU	e 22 28 50, ei 28 56, ei 29 16.3, eiSg 29 21 eiPn 22 29 02.5, eiPg 29 16, ei 29 49, eiSg 29 59, (D 3.3)
NOV26	22 37 56.6 Mascarene Isl. 17.92 S 65.35 E, 27km, m 4.6 ISC
KHC PRU	eP 22 50 13, D 81.0 e(P) 22 50 21, D 81.1
NOV27	03 07 41.5 New Hebrides 19.68 S 169.39 E, 125km, m 5.0 ISC
PRU KHC	ePKP 03 27 01, epPKP 27 43, D 143.7 eiPKP 03 27 03, eipPKP 27 41.2, D 144.8
NOV27	15 20 05.2 Kamchatka 58.01 N 163.0 E, 33km, m 4.2 ISC
PRU KHC	eP 15 31 12, D 69.3 eP 15 31 17, D 70.3
NOV27	19 55 10.1 New Hebrides 16.92 S 167.77 E, 23km, m 4.8 ISC
KHC	ePKP 20 14 38, D 141.6
NOV28	01 29 31 Persia-Iraq 36.78 N 44.99 E, 34km, m 4.6 ISC
PRU KHC	eP 01 34 58, D 25.6 eiP 01 35 01.5, D 25.9

NOV28	12 01 Explosion of 15 Tons: Czechoslovakia 50.42 N 13.83 E PRU PRU iPg 12 01 15.3, iSg 01 23.8, D 0.63 KHC eiPg 12 01 29, eiSg 01 47, D 1.3
NOV28	Near shock PRU eiPg 13 44 54.5, ei 44 57, eiSg 45 21.5, (D 2.1)
NOV28	Near shock KHC eiPg 13 45 41, eiSg 45 48, (D 0.55) PRU iPg 13 45 52.5, iSg 46 06.5, (D 1.1)
NOV28	13 47 15 Banda Sea 6.98 S 129.79 E, 134km, m 5.2 ISC PRU e 14 05 24, D 111.4 KHC eiPKIKP 14 05 36.7, D 112.3
NOV28	Near shock PRU ePg 14 20 19, eSg 20 41, (D 1.6)
NOV28	20 20 01.5 Japan 41.40 N 142.52 E, 61km, m 4.7 ISC PRU eP 20 31 56, D 78.2 KHC eiP 20 32 03, D 79.3
NOV29	16 11 19 Kurile Isl. 46.60 N 154.14 E, 5km, m 4.7 ISC PRU eP 16 23 18, D 77.6 KHC eiP 16 23 24.2, D 78.7
NOV29	16 43 16.7 Japan 33.27 N 132.35 E, 59km, m 4.9 ISC PRU eP 16 55 22, D 80.5 KHC eP 16 55 30, D 81.6
NOV29	16 41 50.9 Tonga 18.08 S 175.01 W, 229km, m 4.2 ISC PRU ePKHKP 17 01 08.5, D 147.3 KHC eiPKHKP 17 01 11.5, D 148.3
NOV29	20 33 46 Fiji 16.33 S 176.67 W, 455km, m 4.4 ISC PRU eiPKPC. 20 52 33, D 145.2 KHC ePKP 20 52 36, D 146.2
NOV30	00 39 23.4 Jordan-Syria 35.7 N 35.6 E, 33km ISC KHC eP 00 44 05, D 21.0

NOV30	03 32 57.3 E. Kazakhstan 49.94 N 78.98 E, 0km, m 6.0 ISC PRU iPC. 03 40 38.0 (1.1s 189mu), i 40 40, i 40 47.5, i 41 12, ei 41 41, eiPP 42 09.5, m 5.6, D 40.3 KHC iPC. 03 40 45.8 (1.1s 207mu), eiPP 42 17.2, m 5.8, D 41.2
NOV30	03 33 39.0 Fiji 18.07 S 178.39 W, 582km, m 4.2 ISC PRU eiPKP 03 52 16.5, ei 54 16, eipPKP2 54 34, D 146.5 KHC eiPKIKP 03 52 19, eipPKP2 54 48.3, ei 55 06.2, D 147.5
NOV30	04 12 22.8 Japan 33.25 N 132.35 E, 63km, m 4.7 ISC PRU e 04 24 29, D 80.5
NOV30	06 03 58 E. Pacific Ocean 4.0 S 109.2 W, m 3.5 LAO KHC eiP 06 16 08, ei 17 19, D 114.0 PRU e(P) 06 16 23, e 17 26.5, D 114.2
NOV30	Near shock PRU iPg 09 01 25.3, iSg 01 44, (D 1.4) KHC eiPg 09 01 37, eiSg 02 03.4, (D 2.0)

DECO1	02 16 40.2 Fiji 18.48 S 177.81 W, 573km, m 4.9 ISC
PRU KHC	eiPKPD. 02 35 20, ei 35 23, ei 35 47, D 147.0 eiPKHKPD. 02 35 22.8, ei 35 28, D 148.1
DECO1	Probably explosion
PRU KHC	iPg 09 47 53.9, e 48 00 iPg 09 47 54.7, eiSg 48 02.4, (D 0.55)
DECO1	Unidentified shock
PRU KHC	ei 10 06 51.7 ei 10 06 53.6
DECO1 KHC	11 26 42.5 N. Atlantic Ridge 12.14 N 43.85 W, 33km, m 4.7 ISC eiP 11 36 46, D 59.8
DECO1 KHC	13 04 34.5 Persia 26.54 N 53.55 E, 39km, m 4.8 ISC eiP 13 11 52, D 38.2
DECO1 KHC PRU	14 11 15.4 Easter Isl. Cordillera 50.2 S 114.9 W, 33km, m 4.8 ISC eiPKIKP 14 30 57, eipPKP 31 03, ei 31 31.4, D 147.2 eiPKP2 14 31 06, D 148.1
DECO1 KHC	19 10 33.6 Easter Isl. Cordillera 49.69 N 114.15 W, 33km, m 4.5 ISC eiPKP 19 30 11.7, D 146.6
DECO1 KHC	19 58 14 Kodiak Isl. 56.32 N 153.6 W, 3km, m 4.6 ISC eiP 20 09 55.3, D 74.4
DECO1 KHC PRU	20 18 03.8 Crete 34.85 N 24.22 E, 35km, m 5.1 ISC eiP 20 21 49.4 (PV1: 1.4s 92mu, PV2: 0.9s 149mu), i 21 55.0, m1 4.4, m2 5.1, D 16.3 eP 20 21 55.6 (1.0s 83mu), ei 21 58.5, ei 22 07.8, ei 22 25, m 4.8, D 16.7
DECO1 KHC	20 31 06 Kodiak Isl. 56.39 N 153.5 W, 18km, m 4.4 ISC eiP 20 42 43.8, D 74.3
DECO1	20 28 31 Tonga 20.26 S 174.78 W, 69km, m 4.7 ISC

PRU KHC	eiPKHKP 20 48 13, D 149.4 eiPKHKP 20 48 15.5, D 150.4
DECO1 KHC PRU	22 13 54.5 Leeward Isl. 16.68 N 60.80 W, 47km, m 5.5 ISC eiP 22 24 46.4 (1.0s 22mu), i 25 03.0, ei 26 10, m 5.3, D 67.4 eiPD. 22 24 51 (1.3s 38mu), ei 25 07, eS 33 46, e(SS) 37 54, ei 41 33, eL 45, Lm 51 (LH: 18s 3.5u), m 5.5, M 5.7, D 68.0
DECO2 PRU KHC	04 12 31 E. of Kamchatka 57.44 N 163.43 E, 9km, m 5.0 ISC eP 04 23 46, D 69.9 eiP 04 23 54.5, D 70.9
DECO2 PRU KHC	10 59 Explosion of 15 Tons: Czechoslovakia 49.26 N 14.92 E PRU iPg 10 59 44.5, iSg 59 54.5, D 0.77 eiPg 10 59 46.2, eiSg 59 58.2, D 0.89
DECO2 PRU KHC	17 57 05.0 Philippines 8.13 N 126.23 E, 108km, m 5.7 ISC eiP 18 10 28 (1.2s 35mu), eipP 10 53.5, eS 21 42, ei 22 28, eL 42, Lm 57 (LH: 19s 2u), m 5.8, M 5.9, D 97.4 eiP 18 10 31.7 (1.1s 37mu), eipP 10 56.2, m 5.8, D 98.3
DECO2 PRU KHC	19 01 39 Japan 40.26 N 143.9 E, 23km, m 4.6 ISC eP 19 13 47.2, D 79.7 eiP 19 13 52, D 80.8
DECO3 KHC	02 31 49.0 W. Pakistan 24.88 N 65.56 E, 33km, m 4.7 ISC eiP 02 40 19, D 46.9
DECO3 KHC	05 03 02.1 Loyalty Isl. 20.59 S 168.78 E, 30km, ISC eiPKP 05 22 39, D 145.3
DECO3 PRU KHC	12 34 53.2 E. of Kamchatka 54.64 N 161.44 E, 44km, m 4.9 ISC eiP 12 46 15 (1.0s 31mu), m 5.4, D 72.1 eiP 12 46 21.2 (1.0s 38mu), m 5.5, D 73.1
DECO3 PRU	13 22 57 Gulf of California 26.0 N 110.1W, 33km ISC eP 13 35 55, ei 35 59, D 89.8
DECO3 KHC	Near shock eiPg 13 39 04, eiSg 39 22.3, (D 1.4)

DECO3	Unidentified shock
PRU KHC	ei 17 10 49 ei 17 10 51, ei 13 01.7
DECO4	00 35 04.3 Andaman Isl. 12.45 N 93.62 E, 81km, m 5.2 ISC
PRU KHC	eiPD. 00 46 30, e 46 40, eipP 46 57, D 73.6 eiPD. 00 46 33.8, D 74.2
DECO4	Unidentified shock
KHC PRU	ei 03 07 03, ei 08 02.5 e 03 07 20, e 08 30
DECO4	04 37 58.5 S. of Kermadec Isl. 32.98 S 177.8 W, 33km, m 4.7 ISC
KHC	eiPKP2 04 58 43, D 161.7
DECO4	08 50 21.0 Japan 40.74 N 144.69 E, 14km, m 5.6 ISC
PRU KHC	eiPD. 09 02 29 (1.0s 136mu), ei 02 44.5, eS 12 32, eL 29, Lm 35 (LH: 19s 1.8u), m 5.8, M 5.5, D 79.6 eiPD. 09 02 35.3 (1.3s 229mu), ei 02 50.2, m 6.0, D 80.7
DECO4	18 14 25 W. of Gibraltar 36.12 N 8.4 W, 42km, m 4.2 ISC
KHC PRU	eiP 18 19 03.8, D 20.7 eP 18 19 13.5, D 21.7
DECO5	Rock burst, mine region of Kladno.
PRU KHC	iPgD. 01 39 50.2, i 39.52, iSg 39 54.5, (D 0.35) eiPn 01 40 03, iPg 40 04.8, iSg 40 19.3, (D 1.1)
DECO5	Unidentified shock
KHC PRU	ei 04 52 27.5, ei 53 23.2 e 04 52 41, e 53 29, e 53 55.5
DECO5	11 38 39 Arabian Sea 14.38 N 53.34 E, 27km, m 4.7 ISC
KHC PRU	eP 11 47 07, D 47.5 eP 11 47 14, D 47.5
DECO5	11 53 Explosion of 15.2 Tons: Czechoslovakia 50.56 N 14.01 E PRU
PRU KHC	iPg 11 53 10, eiSg 53 19, ei 53 24, D 0.67 eiPg 11 53 23.7, eiSg 53 44.2, D 1.5
DECO5	Near shock

KHC	ePg 12 29 11, eiSg 29 26, (D 1.1)
DECO5	Near shock
KHC PRU	ePg 13 30 31.5, eiSg 30 56.3, (D 1.9) eiPg 13 30 34.5, eiSg 31 01, (D 2.0)
DECO5	17 00 00.0 Nuclear explosion "DIESEL TRAIN": S. Nevada 37.17 N 116.20 W USAEC, m 4.9 ISC
PRU KHC	eP 17 12 28, D 82.9 eiP 17 12 28.7, D 83.2
DECO5	18 45 13.9 Nepal-India 29.13 N 80.95 E, 33km, m 4.9 ISC
PRU	eP 19 54 34, D 53.4
DECO6	02 48 58 Caspian Sea 42 N 49.5 E, 33km LASA
PRU	eP 02 54 21, D 25.1
DECO6	02 54 29 Tonga 15.36 S 173.53 W, 109km, m 4.9 ISC
PRU KHC	ePKP 03 13 55.5, D 144.9 eiPKP 03 13 58.7, ei 14 10, D 145.8
DECO6	04 33 15.2 Tadzhikistan 38.02 N 72.84 E, 131km, m 5.0 ISC
KHC	eiP 04 41 06.2, D 43.3
DECO6	07 02 57.5 W. Kazakhstan 43.79 N 54.75 E, 0km, m 5.8 ISC
PRU KHC	eiPC. 07 08 50.6 (1.5s 166mu), e 09 07, m 5.6, D 27.9 iPC. 07 08 56.9 (1.2s 125mu), i 09 24.8, ei 10 22.7, ei 15 15.5, m 5.6, D 28.6
DECO6	Near shock
PRU KHC	eiPg 10 35 29, e 35 47.5, e 36 00 eiPg 10 35 34, eiSg 36 06, (D 2.5)
DECO6	Near shock
KHC	ePg 12 43 24, eiSg 43 39, (D 1.1)
DECO6	Near shock
PRU KHC	e 12 49 25, eiSg 49 49 ePg 12 49 31.5, eiSg 49 55, (D 1.7)

DECO7	03 55 30.8 New Hebrides 18.18 S 168.22 E, 45km, m 5.3 ISC
PRU KHC	ePKP 04 14 55, e 16 53, ePP 18 07.5, D 141.9 eiPKP 04 14 57.5, ei 15 04.5, D 143.0
DECO7	21 46 15 Philippines 9.67 N 125.63 E, 35km, m 5.2 ISC
PRU KHC	eP 21 59 45, D 95.8 eiP 21 59 49, D 96.7
DECO8	04 44 20.2 S. Italy 39.46 N 15.58 E, 247km, m 4.0 ISC
KHC	eiP 04 46 37 (1.0s 22mu), D 9.8
DECO8	05 18 33.1 E. of Kamchatka 57.01 N 162.23 E, 54km, m 4.7 ISC
PRU KHC	eP 05 29 44, D 70.1 eiP 05 29 47.3, D 71.1
DECO9	Near shock
PRU	eiPg 14 20 54.2, ei 21 05.7, eiSg 21 08.7, (D 1.1)
DECO9	Probably N. Italy
KHC PRU	ePn 05 48 11, ei 48 18, iSg 48 55, (D 2.7) ePn 05 48 23.5, ei 48 31, iPg 48 35.5, eiSn 49 05.5, e 49 14.5, eiSg 49 23, ei 49 25.5, (D 3.5)
DECO9	Near shock
PRU	ePg 10 02 59, eiSg 03 19, (D 1.5)
DECO9	Near shock
PRU KHC	eiPn 11 04 34, iPg 04 35, iSg 04 57.5, (D 1.8) ePg 11 04 45, eiSg 05 13.8, (D 2.3)
DECO9	Near shock
PRU	eiPg 13 31 16.5, eSg 31 35.5, (D 1.4)
DECO9	Near shock
KHC PRU	e 14 28 27, eiSg 28 38 iPg 14 28 37.5, iSg 28 54, (D 1.3)
DECO9	18 54 07.2 Kurile Isl. 47.4 N 156.1 E, 40km, m 4.9 ISC
PRU KHC	eP 19 06 04.5, D 77.4 eiP 19 06 05.4, D 78.5

DECO9	21 59 08.5 Kurile Isl. 43.67 N 148.41 E, 20km, m 5.0 ISC
PRU KHC	eiPC. 22 11 09.2 (0.9s 22mu), eisP 11 21, m 5.3, D 78.4 eiPC. 22 11 15.4 (0.7s 22mu), eisP 11 27, m 5.3, D 79.5
DECO10	23 59 44 S. of Fiji 22.25 S 179.6 W, 601km, m 4.2 ISC
PRU KHC	eiPKHKPD. 00 18 28.1, D 150.2 ePKHKP 00 18 29.5, D 151.2
DECO10	Probably near shock
KHC PRU	eiP 02 45 51.2, e 46 00, ei 46 47, ei 47 14.6 eiP 02 45 58.3, ei 46 05.5, ei 46 31, e 47 13, ei 47 47
DECO10	Probably near shock
PRU KHC	e 12 47 05, ei 47 28, ei 48 07 e 12 47 12, ei 47 33, ei 48 11.2
DECO10	19 12 53.6 Loyalty Isl. 21.4 S 169.5 E, 33km, m 4.8 ISC
KHC	ePKP 19 32 31, D 146.4
DECO10	19 54 02 New Hebrides 14.93 S 167.02 E, 39km, m 5.5 ISC
KHC PRU	ePKHKP 20 13 19, eiPKIKP 13 28.2, eiPP 16 27, ei 17 08.8, D 139.6 ePKIKP 20 13 23, ei 13 31, ei 14 04, eiPP 16 19, ei 17 26, e 28 46, eSS 34.9, e 40.0, eL 58, Lm 21 18 (LH: 21s 8u, LV: 20s 4.2u), M 6.5, D 138.5
DECO10	21 52 02.3 New Hebrides 15.06 S 166.72 E, 75km, m 4.8 ISC
PRU KHC	ePKIKP 22 11 28, D 138.5 ePKIKP 22 11 30.6, D 139.5
DECO11	00 45 40.0 New Hebrides 14.90 S 166.75 E, 35km, m 5.0 ISC
KHC	ePKIKP 01 05 05, D 139.4
DECO11	05 08 50.4 Fiji 15.38 S 177.10 W, 381km, m 4.7 ISC
PRU KHC	ePKP 05 27 41, D 144.2 eiPKP 05 27 44.2, D 145.2
DECO11	06 00 - 24 00 The station KHC out of operation.
DECO11	Near shock
PRU	eiPg 08 32 19, eiSg 32 36, (D 1.3)

DEC11	10 33 08.9 Easter Isl. Cordillera 50.1 S 114.7 W, 33km, m 4.8 ISC
PRU	ePKIKP 10 52 50, D 147.9
DEC11	16 38 22.2 Poland 50.35 N 18.90 E, m 3.2 WAR
PRU	ePg 16 39 17, eSg 39 52, D 2.8
DEC12	01 13 14.7 Japon 40.19 N 143.80 E, 30km, m 5.1 ISC
PRU	eiPC. 01 25 21.5 (1.1s 42mu), eiPcP 25 30, eL 47, Lm 59.5 (LH: 18s 2.6u), m 5.3, M 5.7, D 79.7
KHC	eiPC. 01 25 27.7 (1.0s 54mu), eipP 25 38, m 5.5, D 80.8
DEC12	10 19 Explosion of 7.1 Tons: Czechoslovakia 49.84 N 14.83 E PRU
PRU	iPgC. 10 19 30.0, iSg 19 33.0, D 0.24
KHC	ePg 10 19 48, eiSg 20 02.5, D 1.1
DEC12	Near shock
PRU	eiPg 10 21 50, ei 22 12, eiSg 22 16.5, (D 2.0)
KHC	ePg 10 22 03.5, eiSg 22 38.5, (D 2.8)
DEC12	Probably explosion
PRU	iPg 11 26 34, eiSg 26 35.7, (D 0.13)
KHC	ePg 11 26 51, eiSg 27 05.8, (D 1.1)
DEC13	03 06 41.8 Mid-Atlantic Ridge 1.0 N 28.12 W, 33km, m 4.8 ISC
KHC	eP 03 16 47, ei 17 19, D 59.8
DEC13	03 19 57.4 Mid-Atlantic Ridge 1.00 N 28.04 W, 27km, m 5.5 ISC
KHC	eiPC. 03 30 01.2 (1.4s 129mu), ei 30 38.9, m 5.8, D 59.7
PRU	eiPC. 03 30 08 (1.3s 60mu), eipP 30 17.5, eS 38 24, Lm 53.3 (LN: 20s 1.1u), m 5.6, (M 5.0), D 60.8
DEC13	03 40 35.0 Japan 33.96 N 137.08 E, 363km, m 5.0 ISC
PRU	eiPC. 03 52 17.2 (1.0s 38mu), ei 52 28.5, m 5.2, D 82.2
KHC	eiPC. 03 52 22.8 (1.0s 39mu), m 5.2, D 83.2
DEC13	04 03 57.2 Molucca Passage 1.38 N 126.39 E, 67km, m 5.3 ISC
PRU	eP 04 17 56, D 102.8
DEC13	Near shock

PRU	iPg 09 14 10.5, iSg 14 27, (D 1.3)
KHC	eiPg 09 14 17, eiSg 14 37.2, (D 1.5)
DEC13	Near shock
PRU	iPg 10 58 11.6, ei 58 28.6, iSg 58 32, (D 1.5)
KHC	eiPg 10 58 32.5, eiSg 59 03, (D 2.3)
DEC13	13 28 43.5 Kurile Isl. 46.49 N 152.64 E, 67km, m 4.6 ISC
PRU	eiP 13 40 32 (1.0s 15mu), m 4.9, D 77.3
KHC	eiP 13 40 38.6 (0.9s 21mu), m 5.1, D 78.3
DEC13	Near shock
PRU	ePg 14 25 32, eiSg 25 47, (D 1.2)
KHC	ePg 14 25 46, eiSg 26 07.2, (D 1.6)
DEC13	15 57 30.5 Poland 50.27 N 18.83 E, m 2.6 WAR
PRU	ePg 15 58 23, eiSg 59 03, D 2.8
KHC	e 15 59 04, eiSg 59 28.5, D 3.6
DEC13	21 37 05 Ryukyu Isl. 23.88 N 126.54 E, 11km, m 5.2 ISC
PRU	eiP 21 49 43.5, ei 49 56, eL 22 23, Lm 31 (LH: 16s 1.1u), M 5.3, D 85.1
KHC	eiP 21 49 48, D 86.1
DEC13	22 06 55 Talaud Isl. 4.31 N 126.46 E, 33km, m 5.2 ISC
PRU	eP 22 20 41, D 100.6
DEC14	02 42 10.4 Molucca Passage 1.99 N 126.94 E, 51km, m 6.0 ISC
PRU	eiP 02 56 04, eipP 56 28.5, ei 59 27.5, eiPP 03 00 25.5, eiSKS 06 35, eiS 07 40, eSS 15.0, eL 32, Lm 46.5 (LH: 21s 4.9u, LV: 18s 1.8u), M 6.0, D 102.7
KHC	eiP 02 56 18, ei 56 16.2, ei 59 51.2, D 103.6
DEC14	16 03 49.8 Kurile Isl. 43.16 N 146.10 E, 49km, m 4.7 ISC
PRU	eiPC. 16 15 44.7 (1.0s 15mu), m 5.1, D 78.0
KHC	eiP 16 15 50.5, D 79.1
DEC14	18 37 09 Carlsberg Ridge 8.20 N 58.49 E, 31km, m 5.9 ISC
PRU	eiPC. 18 46 41.5 (1.9s 393mu), ei 47 40, ei 50 42, eiS 54 24 (SH: 7s 3.5u), ei 56 30, ei 58 17, m 6.1, MSH 6.3, D 55.4
KHC	eiPC. 18 46 41.6 (1.5s 326mu), ei 47 20.5, eiPP 48 31.5, ei 50 10, m 6.1, D 55.4

DEC14	22 39 26.1 Caribbean Sea 11.51 N 65.00 W, 24km, m 4.8 ISC
KHC PRU	eiP 22 51 01.8, D 73.9 eiPD. 22 51 05.5, ei 51 16, D 74.6
DEC15	23 53 56.8 Gulf of Aden 12.39 N 48.2 E, 33km, m 4.4 ISC
KHC PRU	eP 00 02 21, D 46.5 eP 00 02 29, D 46.6
DEC15	00 14 27 Aleutian Isl. 51.59 N 179.33 W, 57km, m 4.7 ISC
PRU KHC	eP 00 26 20, D 78.1 eP 00 26 26, D 79.1
DEC15	Near shock
PRU	eiPg 09 20 37.7, eiSg 20 51.5, (D 1.1)
DEC15	Near shock
PRU	eiPg 12 37 06.5, e 37 19.5, eiSg 37 22, (D 1.2)
DEC16	11 47 33.7 Greece-Albania 39.53 N 20.69 E, 67km, m 4.3 ISC
KHC PRU	eiP 11 50 07.5, ei 50 21, D 10.9 eP 11 50 15, e 50 32, D 11.3
DEC16	Near shock
PRU KHC	eiPg 12 39 15.5, ei 39 38.5, eiSg 39 53.5, (D 2.9) e 12 39 25, eiSg 40 08.5
DEC16	Near shock
PRU KHC	ePg 12 49 01, ei 49 12 ePg 12 49 07, eiSg 49 23, (D 1.2)
DEC16	Near shock
PRU KHC	ePg 13 40 53, ei 41 19, eiSg 41 23.5, (D 2.3) e 13 41 14.5, eiSg 41 28
DEC16	Near shock
PRU KHC	ePg 14 19 11.5, eiSg 19 34, (D 1.7) e 14 19 24, eiSg 19 47
DEC16	Probably Italy
KHC	eiPn 18 21 27, eiPg 21 48.7, eiSn 22 22.5, eiSg 22 59, (D 5.1)

PRU	eiPn 18 21 41, ei 21 50, eiPg 22 08, eiSn 22 48, ei 23 14, eiSg 23 30, (D 6.0)
DEC17	02 29 42 N.Sumatra 2.80 N 98.46 E, 42km, m 5.1 ISC
PRU KHC	eiPD. 02 42 11.7, ei 42 58, D 84.0 eiP 02 42 14.5, D 84.5
DEC17	07 30 22.8 New Hebrides 15.35 S 167.55 E, 137km, m 4.8 ISC
PRU KHC	ePKIKP 07 49 35, D 139.1 eiPKIKP 07 49 36.2, D 140.2
DEC17	Near shock
PRU	ePn 08 18 09, iPg 18 10, eiSg 18 26, (D 1.3)
DEC17	Near shock (probably Austria)
KHC PRU	e 08 43 51, eiSg 44 14 ePg 07 44 03, eiSg 44 34.5, (D 2.7)
DEC17	Near shock
PRU	eiPg 13 50 20.5, eiSg 50 35.5, (D 1.2)
DEC17	Near shock
PRU KHC	e 14 00 16, eiSg 00 30 ePg 14 00 26.5, eiSg 00 47, (D 1.6)
DEC17	15 00 00.0 Nuclear explosion "GRAPE A": 37.08 N 116.00 W USAEC, m 5.4 ISC
PRU KHC	eiP 15 12 27 (1.5s 41mu), m 5.4, D 82.9 eiP 15 12 28.5 (1.2s 31mu), m 5.4, D 83.2
DEC17	20 42 15.4 Kermadec Isl. 30.97 S 179.93 W, 426km, m 4.5 ISC
KHC PRU	eiPKIKP 21 01 23, eiPKP2 02 04, D 159.2 ePKP2 21 01 59.5, D 158.1
DEC18	06 09 56.6 S. of Fiji 26.9 S 176.04 W, 49km, m 4.9 ISC
KHC PRU	eiPKIKP 06 29 47, eiPKP2 30 17, ei 31 24.2, D 156.5 ePKP2 06 30 13, e 31 23, D 155.5
DEC18	Near shock
PRU KHC	iPg 09 27 51.5, iSg 58 05.3, (D 1.1) ePg 09 27 52, iSg 28 07, (D 1.3)

DEC18	Near shock
KHC	ePg 11 14 53, eiSg 15 16, (D 1.7)
DEC18	13 32 03.9 Sakhalin Isl. 46.21 N 142.45 E, 329km, m 5.9 ISC
PRU	eP 13 43 05 (1.2s 224mu), i 43 06.5, eipP 44 21, eiPP 46 08,
KHC	eiS 52 08, eiPS 53 16, ei 53 44, e 14 00 20, m 5.8, D 74.1 eiP 13 43 11.6 (0.8s 172mu), eipP 44 33.2, ei 45 44, m 5.8, D 75.2
DEC18	13 58 Explosion of 19.0 Tons: Czechoslovakia 50.39 N 13.22 E
PRU	PRU
KHC	eiPg 13 58 23, ei 58 34, ei 58 38, D 0.94 eiPg 13 58 30, iSg 58 46.7, D 1.3
DEC18	Near shock (probably Austria)
KHC	e 18 17 40, ei 18 46.3
PRU	e 18 18 41, ei 18 45
DEC18	18 25 59 S. Sumatra 5.76 S 103.97 E, 46km, m 5.0 ISC
PRU	ePP 18 43 09, D 94.0
DEC18	19 00 42.0 Jan Mayen Isl. 71.70 N 2.1 W, 33km ISC
PRU	eiP 19 05 46.7, D 23.1
KHC	eiP 19 05 54.2, D 23.8
DEC18	19 00 00.0 Nuclear explosion "TERRINE": S. Nevada 37.12 N 116.3 W USAEC, m 5.2 ISC
PRU	eP 19 12 27, D 82.9
KHC	eiP 19 12 29, D 83.2
DEC19	04 30 00.8 Kurile Isl. 43.22 N 147.65 E, 37km, m 4.8 ISC
PRU	eP 04 42 00, ei 42 25.5, eL 05 11, Lm 20 (LH: 16s 1.6u), M 5.5, D 78.5
KHC	eiP 04 42 05.7, ei 42 29, D 79.6
DEC19	09 00 Explosion of 7.8 Tons: Czechoslovakia 49.78 N 14.54 E PRU
PRU	iPg 09 00 50.0, eiSg 00 52.5, i 00 53.0, D 0.21
KHC	e 09 01 04, eiSg 01 16, D 0.91
DEC19	Near shock
PRU	ePn 09 35 47.5, eiPg 35 49, eiSg 36 02, (D 1.1)
KHC	eiPg 09 35 57, eiSg 36 16.5, (D 1.5)

DEC19	Near shock
PRU	eiPg 10 59 28, eiSg 59 49, (D 1.5)
DEC19	Near shock
PRU	eiPg 12 04 12, ei 04 18
KHC	ePg 12 04 24, eiSg 04 44, (D 1.5)
DEC19	Near shock
PRU	iPg 12 13 20.6, eiSg 13 22.1, (D 0.12)
KHC	ePg 12 13 38, eiSg 13 52, (D 1.1)
DEC19	Near shock
PRU	eiPg 12 19 25.5, eiSg 19 45.5, (D 1.5)
DEC19	13 30 54.4 S. Alaska 60.22 N 146.94 W, 12km, m 5.1 ISC
PRU	eiP 13 42 01.8, eiPcP 42 19, D 69.1
KHC	eiP 13 42 06.2, D 69.9
DEC19	Near shock
PRU	ePn 14 01 24, eiPg 01 27.4, ei 01 50.5, eiSg 01 55, (D 2.2)
DEC20	06 58 35 Aleutian Isl. 51.61 N 173.50 W, 28km, m 4.4 ISC
KHC	eP 07 10 40, D 79.5
DEC20	08 36 32 Germany 48.1 N 10.8 E, 0km ISC
KHC	e 08 37 04, eiPg 37 10.5, ei 37 31, eiSg 37 35.5, D 2.2
PRU	ePn 08 37 17, ePg 37 27, eiSg 38 05.5, D 3.2
DEC20	Near shock
KHC	eiPg 09 14 58.5, ei 15 (00)
PRU	ePg 09 15 15, eiSg 15 29, (D 1.1)
DEC20	Near shock
PRU	eiPg 10 47 32.5, eiSg 47 46.5, (D 1.1)
DEC20	Near shock
PRU	iPg 14 01 15.3, eiSg 01 31, (D 1.2)
KHC	ePg 14 01 30, eiSg 01 56.5, (D 2.0)

DEC20	14 25 45 Kurile Isl. 43.37 N 147.5 E, 40km, m 4.6 ISC
PRU	eP 14 37 46, D 78.4
DEC20	Near shock
KHC	eiPg 15 25 14.4, eiSg 25 21.2, (D 0.55)
PRU	eiPg 15 25 24.3, ei 25 39, eiSg 25 41, (D 1.3)
DEC20	Near shock
KHC	eiPg 16 03 56, eiSg 04 08.2, (D 0.91)
PRU	iPg 16 04 02.3, eiSg 04 17.8, (D 1.2)
DEC20	17 40 36.3 S. Greece 36.59 N 23.46 E, 90km, m 5.0 ISC
KHC	eiP 17 43 54, ei 44 02.7, D 14.5
PRU	eiPD. 17 44 06.5 (1.0s 20mu), ei 44 14.2, ei 44 27, m 4.3, D 14.9
DEC21	00 29 49.6 Kermadec Isl. 29.91 S 178.94 W, 268km, m 4.8 ISC
KHC	eiPKIKP 00 49 15, iPKP2 49 52.4, eiPP 53 30.2, D 158.3
PRU	e 00 49 25, eiPKP2 49 47.7, D 157.5
DEC21	10 18 03.4 Ryukyu Isl. 28.13 N 130.59 E, 37km, m 5.4 ISC
PRU	eiPD. 10 30 31, eipP 30 43, D 83.8
KHC	eiP 10 30 35.8, eipP 30 46, D 84.8
DEC21	12 20 17.3 Japan 42.45 N 145.04 E, 49km, m 4.9 ISC
PRU	eiP 12 32 13.2, eipP 32 24, D 78.3
KHC	eiP 12 32 19.6, D 79.3
DEC21	19 06 23.6 Rumania 45.68 N 26.91 E, 37km, m 4.6 ISC
PRU	ePn 19 08 40, ei 08 44, eSn 10 19, e 12 03, D 9.4
KHC	eiPn 19 08 43.3, eiSn 10 28, ei 12 04.7, D 9.7
DEC21	22 01 06.8 Dodecanese Isl. 36.66 N 28.42 E, 69km, m 4.6 ISC
KHC	eiP 22 04 58, D 16.5
PRU	eP 22 05 01, e 05 28, D 16.7
DEC22	06 00 - 15 00 Irregular electricity supply on the station PRU.
DEC22	11 19 20.1 Aleutian Isl. 52.50 N 168.12 W, 37km, m 5.3 ISC
KHC	eiP 11 31 21.2 (1.0s 81mu), eiPcP 31 31.6, m 5.7, D 78.4

DEC22	15 01 00 W. of Colombia 6.00 N 77.53 W, 0km, m 4.2 ISC
KHC	eP 15 13 45, D 86.2
PRU	eP 15 13 49, D 86.8
DEC23	02 13 49 Aegean Sea 39.37 N 23.80 E, 6km, m 4.8 ISC
KHC	eP 02 16 43, D 12.2
DEC23	06 50 53 Tonga 19.6 S 175.7 W, 33km, m 4.7 ISC
KHC	ePKP 07 10 46, D 149.6
DEC23	12 20 55.9 Panama 9.95 N 78.88 W, 56km, m 5.0 ISC
KHC	eiP 12 33 23.2 (1.2s 25mu), eipP 33 40.5, m 5.1, D 84.2
DEC23	13 22 51 E. of Kamchatka 57.34 N 163.14 E, 11km, m 5.4 ISC
PRU	eiPC. 13 34 03.2 (1.4s 41mu), ei 34 09, eS 43 16, eSS 47 48, e 51 36, eL 55, Lm 14 09.4 (LH: 15s 3.8u), m 5.4, M 5.8, D 69.9
KHC	eiPC. 13 34 09.7 (1.2s 79mu), i 34 15.3, m 5.7, D 70.9
DEC23	14 08 01.8 Philippines 13.84 N 120.66 E, 127km, m 5.3 ISC
PRU	eiP 14 20 46.6 (2.2s 110mu), eisP 21 24, eiPP 24 18, m 5.4, D 89.6
KHC	eiP 14 20 49.7 (2.2s 115mu), eisP 21 21, m 5.4, D 90.5
DEC23	Near shock
PRU	eiPg 15 10 11, eiSg 10 37, (D 2.0)
DEC23	15 50 17.3 Kurile Isl. 44.40 N 147.40 E, 101km, m 4.5 ISC
PRU	eiP 16 02 02.7, D 77.4
KHC	eiP 16 02 08, D 78.5
DEC24	05 04 44.7 N. Atlantic Ocean 35.94 N 10.40 W, 35km, m 5.0 ISC
KHC	iPC. 05 09 37.1 (1.3s 214mu), ei 09 47, ei 10 05, m 5.4, D 21.9
PRU	eiPC. 05 09 46.7 (1.2s 52mu), ei 10 03.4, ei 15 02, m 4.9, D 22.9
DEC24	18 32 44 Aleutian Isl. 52.58 N 168.45 W, 20km, m 4.7 ISC
KHC	eP 18 44 48, D 78.7
DEC24	- DEC25 The seismographs SVSN-4 and SVSN-6 on the station PRU out of operation.

DEC24	20 36 53.7 Fiji 15.88 S 177.44 W, 425km, m 4.6 ISC
KHC	eiPKP 20 55 44, D 145.6
DEC25	02 07 14 Turkey 39.18 N 42.55 E, 66km, m 4.6 ISC
KHC	eiP 02 12 12, D 22.9
DEC25	05 26 45 S. of Tonga 24.2 S 175.8 W, 33km, m 4.7 ISC
KHC	eiPKIKP 05 46 37.7, D 154.1
DEC25	07 37 27.0 Kurile Isl. 43.9 N 146.9 E, 33km, m 4.0 ISC
KHC	eP 07 49 32, D 78.7
DEC25	16 22 36.6 Loyalty Isl. 21.17 S 170.22 E, 118km, m 5.0 ISC
PRU	eiPKP 16 42 01, ei 42 30, D 145.4
KHC	ePKP 16 42 03, ei 42 48.6, D 146.5
DEC25	21 23 27 Leeward Isl. 15.79 N 59.64 W, 1km, m 6.4 ISC
KHC	eiP 21 43 24.2, D 67.3
PRU	eiP 21 43 27.5 (2.0s 1583mu, PH: 10s 9.1u, PV: 8s 6.3u), i 43 32.3, ei 43 44.3, ei 45 40, eiS 52 28 (SH: 23s 95u, SV: 11s 7.5u), iPS 52 44.0, i 53 20.0, ei 54 32, Lm 22 09 (LH: 19s 150u, LV: 19s 84u), ePKPPKP 11 53, m 6.9, M 7.2, MPV 6.9, MPH 7.4, MSH 7.5, D 67.9
DEC25	22 26 10 Leeward Isl. 15.84 N 59.67 W, 4km, m 5.4 ISC
KHC	eP 22 37 06.5, D 67.3
PRU	eiP 22 37 12, e 37 21, D 67.9
DEC25	22 31 02 Leeward Isl. 16.08 N 59.79 W, 6km, m 5.8 ISC
KHC	eiP 22 41 58.3 (PV1: 1.4s 96mu, PV2: 1.4s 250mu), ei 42 16, ei 43 19.8, ePKPPKP 23 10 25, m1 5.8, m2 6.3, D 67.2
PRU	eiP 22 42 02.8 (PV1: 1.5s 95mu, PV2: 1.9s 500mu), i 42 06.3, eiPP 44 33, eiPKPPKP 23 10 30, ei 10 51.6, m1 5.8, m2 6.4, D 67.8
DEC26	00 11 10 Leeward Isl. 16.13 N 59.64 W, 0km, m 4.9 ISC
PRU	eiPC. 00 22 11.5, D 67.7
DEC26	00 18 19 Alaska 55.18 N 160.44 W, 10km, m 5.3 ISC
PRU	eiPC. 00 30 02.8, iPcP 30 14.8, D 75.1
KHC	eiP 00 30 07.8, eiPcP 30 19, D 75.9

DEC26	04 50 35.4 Leeward Isl. 15.76 N 59.63 W, 43km, m 4.8 ISC
PRU	eP 05 01 32.5, D 67.9
DEC26	05 34 32.1 Leeward Isl. 16.08 N 59.68 W, 25km, m 5.1 ISC
KHC	eP 05 45 25, D 67.1
PRU	eP 05 45 30.2, D 67.7
DEC26	07 00 02 Leeward Isl. 15.90 N 59.56 W, 11km, m 4.8 ISC
PRU	eP 07 11 13, D 67.8
DEC26	08 46 16.9 Leeward Isl. 15.74 N 59.59 W, 35km, m 5.1 ISC
KHC	eiP 08 57 09, D 67.3
PRU	eiP 08 57 14.2, ei 57 26, D 67.9
DEC26	10 34 03.0 Leeward Isl. 16.14 N 59.79 W, 43km, m 5.3 ISC
KHC	eiP 10 44 54, ei 45 06, D 67.1
PRU	eiP 10 44 58.7, ei 45 11, D 67.8
DEC26	20 03 25 Leeward Isl. 15.79 N 59.56 W, 9km, m 5.3 ISC
KHC	eiP 20 14 21.3 (1.1s 33mu), ei 14 35.5, m 5.5, D 67.2
PRU	eiPD. 20 14 25.8 (1.5s 53mu), ei 14 40.3, m 5.5, D 67.9
DEC27	07 31 54.5 Aegean Sea 39.22 N 23.82 E, 42km, m 4.6
KHC	eiP 07 34 48, ei 35 05, D 12.3
DEC27	09 04 35.6 Fiji 16.8 S 179.6 W, 33km, m 4.5 ISC
PRU	ePKP 09 24 12.5, D 145.0
DEC27	09 55 34.1 Leeward Isl. 16.15 N 59.68 W, 23km, m 5.0 ISC
KHC	eP 10 06 30, D 67.0
PRU	eP 10 06 39, ei 06 43.5, D 67.7
DEC27	11 39 07 Leeward Isl. 15.74 N 59.65 W, 25km, m 4.9 ISC
KHC	eP 11 50 04, D 67.3
PRU	eP 11 50 09, ei 50 16.8, D 68.0
DEC27	13 08 38.4 Leeward Isl. 16.15 N 59.62 W, 12km, m 4.9 ISC
KHC	eiP 13 19 33, D 67.0
PRU	eP 13 19 37, D 67.6

DEC27	14 03 01 Leeward Isl. 16.17 N 59.61 W, 9km, m 5.3 ISC
KHC PRU	eiP 14 13 55.9 (1.4s 61mu), ei 14 07.5, m 5.6, D 67.0 eP 14 14 00 (1.7s 74mu), m 5.6, D 67.6
DEC27	15 43 52.9 Leeward Isl. 16.15 N 59.68 W, 19km, m 5.3 ISC
KHC PRU	eP 15 54 39, D 67.0 eiPD. 15 54 50.2, ei 55 02, ei 55 25, D 67.7
DEC28	01 19 08 Kurile Isl. 43.33 N 147.88 E, 15km, m 4.9 ISC
PRU KHC	eiPC. 01 31 10.6 (1.2s 21mu), eiPcP 31 22.9, m 5.0, D 78.5 eiPC. 01 31 16.3 (1.2s 23mu), m 5.0, D 79.6
DEC28	03 46 57.8 E. Kazakhstan 49.98 N 77.79 E, 0km, m 5.7 ISC
PRU KHC	iPC. 03 54 32.8 (1.1s 70mu), eiPP 56 07, m 5.2, D 39.6 eiPC. 03 54 40.5 (1.2s 57mu), ei 55 19, eiPP 56 08, m 5.2, D 40.5
DEC28	04 24 40.1 Kurile Isl. 43.43 N 147.71 E, 36km, m 4.4 ISC
PRU KHC	eP 04 36 40, eisP 36 52, D 78.4 eiP 04 36 44, D 79.6
DEC28	04 53 07 Kurile Isl. 43.31 N 147.87 E, 14km, m 5.2 ISC
PRU KHC	eiP 05 05 09 (1.0s 43mu), eiPcP 05 21.7, e 14 22, eL 33, Lm 43 (LH: 15s 2.6u, LV: 15s 1u), m 5.4, M 5.7, D 78.5 eiP 05 05 15 (1.0s 59mu), eiPcP 05 26, m 5.5, D 79.6
DEC28	05 06 51.3 Kurile Isl. 43.40 N 147.6 E, 42km, m 4.8 ISC
PRU KHC	eiP 05 18 49, eipP 19 01, D 78.4 eiP 05 18 55.8, D 79.5
DEC28	Near shock
PRU	eiPg 10 34 48, eiSg 35 14, (D 2.0)
DEC28	14 37 55 Kurile Isl. 43.32 N 147.89 E, 13km, m 4.9 ISC
PRU KHC	eP 14 49 58 (1.0s 19mu), eiPcP 50 08, m 5.1, D 78.5 eiP 14 50 03 (1.4s 33mu), m 5.2, D 79.3
DEC28	21 25 33.0 Fiji 22.33 S 179.54 W, 549km, m 4.4 ISC
PRU KHC	eiPKHKPC. 21 44 22.8, D 150.3 eiPKHKP 21 44 25.5, eiPKP2 44 37, D 151.3

DEC28	22 02 35.6 Albania 40.67 N 19.62 E, 51km, ISC
PRU KHC	eP 22 04 56, ei 05 25.7, D 10.0 eiP 22 04 57, ei 05 30.5, ei 06 25.6, D 9.5
DEC28	23 23 10.7 Leeward Isl. 16.20 N 59.63 W, 13km, m 5.2 ISC
KHC PRU	eP 23 34 04, D 67.0 eiP 23 34 09, D 67.6
DEC29	00 51 49.9 Leeward Isl. 16.18 N 59.74 W, 33km, m 5.5 ISC
KHC PRU	eiP 01 02 42 (2.2s 152mu), ei 03 46.4, m 5.8, D 67.1 eP 01 02 45.7, ei 02 46.7, eipP 02 57.7, ei 03 23.5, eiS 11 20, eisS 11 50, eL 20, Lm 36 (LH: 15s 2.4u, LV: 15s 1.2u), M 5.5, D 67.7
DEC29	Near shock
PRU KHC	eiPg 12 38 41.2, ei 38 52.7, ei 38 55.7 ePg 12 38 50, ei 39 06, (D 1.2)
DEC29	13 55 35 Leeward Isl. 16.03 N 59.75 W, 9km, m 5.2 ISC
PRU KHC	eP 14 06 39, D 67.8 eiP 14 06 41.8, D 67.2
DEC29	14 13 29.7 Leeward Isl. 16.17 N 59.70 W, 20km, m 5.1 ISC
KHC PRU	eiP 14 24 23, D 67.0 eP 14 24 28, D 67.7
DEC29	15 41 59 New Hebrides 19.76 S 169.84 E, 13km ISC
KHC	ePKP 16 01 35, D 145.1
DEC30	05 10 03 Egypt 27.46 N 33.93 E, 15km, m 4.8 ISC
KHC PRU	eiP 05 15 43.7, D 26.7 eP 05 15 45.5, D 27.0
DEC30	06 23 06 Austria 47.8 N 16.3 E VIE
KHC PRU	ePn 06 23 48, eiPg 23 52.6, eiSn 24 12, D 2.3 eiPn 06 23 49, eiPg 23 53, eiSn 24 18.7, eiSg 24 24, D 2.5
DEC30	Near shock
PRU	ePg 14 12 32, ei 12 44.2, eiSg 12 47, (D 1.1)
DEC31	05 37 05.6 Crete 34.44 N 26.11 E, 54km, m 5.0 ISC

KHC PRU	eiP 05 41 03.2 (2.4s 152mu), ei 41 16, ei 42 07, m 4.7, D 17.4 eP 05 41 07 (1.9s 65mu), ei 41 20, Lm 49.3 (LH: 10s 1.5u), m 4.4, M 4.6, D 17.7
DEC31	05 39 05.4 Kurile Isl. 43.03 N 147.44 E, 50km, m 4.9 ISC
KHC PRU	eP 05 51 10, eipP 51 24.8, D 79.7 ei(P) 05 51 19, D 78.6
DEC31	13 18 33.3 Yugoslavia 44.88 N 17.23 E, 33km, m 4.8 ISC
KHC PRU	iPD. 13 19 46.4 (1.0s 344mu), D 4.9 eiPD. 13 19 53.2, ei 20 02, ei 20 12, ei 21 02, i 21 06.7, ei 21 18, iSg 21 32.7, Lm 21 44 (LH: 12s 31u, LV: 8s 5.7u), M 4.9, D 5.4
DEC31	19 01 58.7 Ryukyu Isl. 28.55 N 129.15 E, 62km, m 5.8 ISC
PRU	eiP 19 14 17 (PV2: 1.6s 275mu, PH: 12s 1.7u, PV: 8s 1.6u), iPcP 14 24.2, ei 14 50, ei(PP) 17 18, eS 24 32 (SH: 22s 2.6u), ei 25 44, e(SS) 30 10, e 34 24, eL 41, Lm 48 (LH: 21s 56u), m2 6.0, M 6.9, MPH 6.3, MPV 6.1, MSH 6.0, D 82.7
KHC	eiP 19 14 22.4 (PV1: 1.4s 108mu, PV2: 1.5s 259mu), ei 14 40, ei 16 26.5, m1 5.7, m2 6.0, D 83.8
DEC31	20 43 04 Alaska 55.23 N 160.6 W, 44km, m 4.7 ISC
KHC	eiP 20 54 48, D 75.9
DEC31	23 38 52.4 Bali Sea 7.03 S 117.75 E, 487km, m 5.4 ISC
PRU KHC	e 23 53 04, ePP 56 28, D 103.8 eiPP 23 56 21, D 104.6

Macroseismic Observations

No macroseismic observations on the territory of Bohemia and Moravia
in 1969.

Účelový náklad Geofyzikálního ústavu ČSAV

Vytiskla Státní tiskárna, n. p., závod 5, Praha 8

Academia - MTS - 1352 - 1975

