

Geophysical Institute of the Czechoslovak Academy
of Sciences

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

1968

ACADEMIA

NAKLADATELSTVÍ ČESKOSLOVENSKÉ AKADEMIE VĚD

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Contents

1.	Introduction	4
2.	References	5
3.	List of Symbols	6
4.	Results of Seismic Observations at Průhonice, Praha and Kašperské Hory in 1968	7
5.	Microseismic agitation at Praha in 1968	289

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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 1968 by the Czechoslovak seismological stations Průhonice (PRU), Praha (PRA) and Kašperské Hory (KHC). The parameters of events are quoted mostly from the I.S.C. bulletin. In some cases, the values of the body wave magnitudes, m_1 and m_2 , respectively, are given for two measured maximum amplitudes in the time interval between 5 and 20 sec after the P arrival, respectively (in such cases the two values of maximum vertical amplitude P are denoted by PV_1 and PV_2 ; they are measured on the short period vertical seismograph SVSN-4 (PRU) or SVSN-3 (KHC) in μ). The arrangement of data and the method of interpretation remain the same as in the preceding issue (Bulletin 1967).

The epicentral distances D were quoted from the I.S.C. bulletin or calculated by a computer. The values of D in parentheses were determined for an unknown epicentre only according to the record analysis. All local shocks with distances up to 1° were omitted and were published in a special list of the station of Průhonice.

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/ were used. Individual calibrating curves /10, 11, 12/ were used also for the magnitude determination based on the amplitudes of the body and surface waves as measured on the Kirnos-seismograph records.

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. Plomero-vá, 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
 $\epsilon : 1$ = damping ratio
 D_1 = damping constant of the seismometer
 D_2 = damping constant of the galvanometer
 ϵ^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 distance smaller than about 142° and following it at larger distances
 PKP_2 = 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
 $MPH, MPV, MPPH, MSH$ = magnitude determined using the amplitudes mentioned above
 m = body wave magnitude determined using the maximum P-amplitude measured in the record of the short-period vertical seismograph
 M = surface wave magnitude
 K = characteristics of the microseisms
 1 = microseisms in regular groups
 2 = continuous motion
 3 = irregular motion
 tt = record affected by an earthquake
 v = record affected by the wind
 u, μ = used instead of correct $\mu, \mu u$

Results of Seismic Observations

at Průhonice, Praha and Kašperské Hory in 1968

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:

- I = Modified seismograph Wood-Anderson, mass 4g, magnetic damping, components N, E, photographic recording
- II = Vertical electrodynamic seismograph SVSN, short-period, developed by V. Tobyáš and J. Štěpánek, galvanometric recording
- III = Electrodynamic seismograph Kirnos, intermediate period, components N, E, Z, galvanometric recording

Constants of the seismographs:

Instrument	Com.	T_1 (s)	T_2 (s)	D_1	D_2	G^2	V_0	T_m	V_m
I	N	2.6		0.57			1870	1.6	1975
	E	2.6		0.55			1870	1.6	2040
II	SVSN-4	Z	0.96	1.47	1	1	5.72×10^6	0.8	36000
	SVSN-6	Z	0.55	0.28	0.6	0.6	4.78×10^6	0.3	210000
III	N	30	1.2	0.5	5	0.1		1-10	970
	E	30	1.2	0.5	5	0.12		1-10	970
	Z	20	1.2	0.5	5	0.2		1-10	1040

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:

- I = Seismograph Wiechert, mass 1000kg, air damping, components N, E, mechanic recording
- II = Seismograph Kirnos, components N, E, Z, galvanometric recording

Constants of the Seismographs

Instrument I

Month	Compt.	V_0	$\epsilon: 1$	T_0	Month	Compt.	V_0	$\epsilon: 1$	T_0
Jan.	NS	230	4.8	9.5	Jul.	NS	200	3.3	10.0
	EW	170	3.6	10.0		EW	170	3.0	10.0
Feb.	NS	220	5.2	9.7	Aug.	NS	220	3.8	9.4
	EW	180	3.8	9.5		EW	170	2.6	9.4
Mar.	NS	210	6.7	9.3	Sep.	NS	150	3.9	10.1
	EW	160	4.9	9.2		EW	130	2.8	10.3
Apr.	NS	180	5.2	9.8	Oct.	NS	150	3.6	9.6
	EW	150	4.0	10.0		EW	170	4.0	9.7
May	NS	220	2.3	9.9	Nov.	NS	160	3.7	10.0
	EW	180	2.0	9.6		EW	150	4.2	10.2
Jun.	NS	-	-	-	Dec.	NS	180	3.9	9.7
	EW	-	-	-		EW	170	3.6	9.7

Instrument II

Compt.	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

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 SVKM-2.

Constants of the seismograph

Instrument	Compt.	T_1 (s)	T_2 (s)	D_1	D_2	G^2	T_m	V_m
SVKM-2	Z	1.4	0.7	0.73	2.0	0.4	1.0	100 000

JANO2	00 21 11.9 New Ireland 5.17 S 153.31 E, 65km, m 5.4 ISC
PRU	eiPKIKP 00 40 04, eipPKP 41 24, ePKPPKP 58 36, eL 01 18, Lm 23.5 (LH: 26s 2.5u), M 5.8, D 123.5
PRA	ePKIKP 00 40 06, D 123.5
KHC	iPKIKPD. 00 40 06.8 (1.2s 113mu), eiPP 41 53, ei 43 39.5, D 124.5
JANO2	02 08 43.1 W. of Tonga 19.20 S 177.57 W, 566km, m 4.1 ISC
KHC	eiPKHKP 02 27 28, D 148.8
JANO2	07 30 06.5 Kurile Isl. 45.48 N 150.97 E, 52km, m 4.9 ISC
KHC	eiP 07 42 05 (1.0s 28 mu), m 5.4, D 78.7
JANO2	08 25.4 Yugoslavia 46.2 N 16.3 E BCIS
KHC	eiPg 08 26 28, eiSg 27 17, D 3.5
PRU	ePg 08 26 37, e 27 47, e 28 04, D 4.0
JANO2	11 59 33 S. Persia 29.52 N 52.56 E, 34km, m 4.8 ISC
KHC	eiP 12 06 27.5, D 35.4
JANO3	02 24 55.4 Aleutian Isl. 51.79 N 173.32 W, 49km, m 4.6 ISC
PRU	eiP 02 36 52.5, D 78.4
KHC	eiP 02 36 57.5 (1.1s 35mu), eipP 37 09, m 5.3, D 79.3
JANO3	04 09 17 Norwegian Sea 72.95 N 5.1 E, 11km, m 4.6 ISC
PRU	eiP 04 14 27, ei 19 03, D 23.4
PRA	eP 04 14 30, D 23.4
KHC	eiP 04 14 34, D 24.2
JANO3	04 09 35.4 Norwegian Sea 72.8 N 4.9 E, 0km, m 5.1 ISC
PRU	eiP 04 14 47, Lm 24 (LH: 17s 2.9u, LV: 17s 1.8u), M 4.8, D 23.2
PRA	eP 04 14 50, e 19 06, Lm 24.5 (LH: 13.5s 2.1u, LV: 14s 2.2u), M 4.7, D 23.2
KHC	iP 04 14 59, D 24.1
JANO3	07 37 55.1 Norwegian Sea 72.22 N 1.55 E, 33km, m 5.2 ISC
PRU	eP 07 42 59 (1.2s 56mu), ei 43 29, m 5.0, D 23.1
PRA	eP 07 42 59, D 23.0
KHC	iPC. 07 43 07.0 (1.9s 147mu), m 5.2, D 23.8
JANO3	10 18 02.0 Gulf of Alaska 59.70 N 146.71 W, 27km, m 4.7 ISC
PRU	eP 10 29 11, D 69.6

KHC	eiP 10 29 16, e 30 10, D 70.3
JAN03	PRU eiSg 12 22 35.5, Lm 22 43 KHC ePg 12 22 44, eSg 23 00, (D 1.2)
JAN04	00 09 11 W. of Tonga 20.6 S 178.3 W, 33km, m 4.5 ISC
PRU	e 00 29 11, D 149.0
JAN04	00 57 41 Aleutian Isl. 52.17 N 171.36 W, 8km, m 5.7 ISC
PRU	eiPC. 01 09 41.6 (2.0s 84mu), ei 10 11, ei 11 46, m 5.5, D 78.1
PRA	eP 01 09 42, Lm 58.5 (LE: 15s 1.7u, LV: 18s 2.9u), (M 5.5), D 78.2
KHC	iP 01 09 46 (2.0s 173mu), ei 11 09.5, m 5.7, D 79.0
JAN04	02 36 42.2 Kurile Isl. 45.21 N 151.09 E, 35km ISC
KHC	eP 02 48 44, D 79.0
JAN04	09 45 33.2 Japan 31.65 N 138.19 E, 376km ISC
PRU	eP 09 57 26, D 84.6
JAN04	10 23 33 Italy 42.25 N 12.84 E, 16km ISC
KHC	eiP 10 25 14, ei 25 45, eiS 26 29, D 6.9
PRU	eP 10 25 28, eS 26 49, e 27 06, D 7.8
JAN04	10 27 39 E. New Guinea 9.83 S 148.82 E, 23km, m 5.4 ISC
PRU	ePKIKP 10 46 40, D 125.0
KHC	eiPKIKP 10 46 40.5, D 126.0
JAN04	18 07 11.9 W. of Tonga 21.6 S 178.31 W, 497km, m 4.1 ISC
PRU	eiPKP2 18 26 07.8, D 149.9
KHC	ePKP2 18 26 10, D 151.0
JAN04	19 40 49.1 Crete 34.77 N 24.79 E, 55km ISC
KHC	eiP 19 44 41, D 16.6
JAN04	22 10 16.5 W. of Tonga 21.14 S 179.08 W, 616km, m 4.5 ISC
PRU	eiPKHKP 22 28 58, D 149.3
KHC	eiPKHKP 22 29 00, D 150.3
JAN05	06 07 36 Italy 42.28 N 13.1 E, 13km ISC

KHC	ePn 06 09 17, ePg 49, eSn 10 32, D 6.9
PRU	ePn 06 09 30, eSn 10 54, D 7.8
JAN05	06 42 44.4 Tibet-India 30.41 N 79.25 E, 7km, m 5.0 ISC
PRU	eiP 06 51 53, D 51.5
KHC	eiP 06 51 58, ei 52 08.5, D 52.1
JAN05	08 00 19.0 Tonga 16.61 S 173.48 W, 70km, m 4.3 ISC
PRU	eiPKP 08 19 54, D 146.1
JAN05	09 00 Explosion of 3.3 Tons: Czechoslovakia 49.77 N 14.87 E PRU
PRU	iPg 09 00 17.4, iSg 00 21.4, Lm 00 24.5, D 0.31
JAN05	13 33.6 Yugoslavia 43 N 21.3 E BCIS
KHC	eiP 12 35 43, D 8.2
JAN06	PRU eiPg 06 02 49.5, ei 03 07, eiSg 03 09.5, (D 1.5)
KHC	eSg 06 03 14
JAN06	10 23 50.5 Rumania 45.76 N 26.46 E, 173km, m 4.6 ISC
PRU	eP 10 26 00, e 26 26, D 9.1
KHC	eiP 10 26 03 (1.5s 32mu), ei 26 11.5, ei 26 30, D 9.4
JAN06	PRU iPg 10 39 05, iSg 39 22, (D 1.4)
JAN06	15 13 28.1 Bay of Bengal 16.40 N 92.08 E, 28km, m 4.9 ISC
PRU	eiP 15 24 38, D 69.6
JAN06	23 27 22.4 Chile 27.90 S 70.97 W, 49km, m 5.7 ISC
PRU	eP 23 41 46, ei 45 10, eiPKP 45 45, eiPP 46 08, ei 52 26, eiSKKS 53 09.3, eiPS 55 36, e 00 00 16, Lm 32.5 (LH: 20s 12.7u), M 5.9, D 108.1
PRA	ePP 23 46 13, ePS 55 29, Lm 00 32.5, (LH: 16s 7.7u, LV: 16s 7.2u), M 6.3, D 108.1
JAN07	03 46 57.6 E. Kazakhstan 49.79 N 78.02 E, 0km, m 5.1 ISC
PRU	eP 03 54 35, ePP 56 06, D 39.8
JAN07	09 56 40.3 New Ireland 5.08 S 153.88 E, 118km, m 5.5 ISC
PRU	eiPKIKP 10 15 25, eisPKP 16 16, D 123.7
KHC	eiPKIKP 10 15 27, eisPKP 16 12, D 124.7

JAN07	11 12 33.4 Japan 33.61 N 141.71 E, 36km, m 5.2 ISC
PRA	eP 11 25 04, eS 35 34, Lm 12 11 (LH: 13.5s 8.0u, LV: 14s 7.5u), M 6.2, D 84.5
PRU	eiP 11 25 06.2, ei 25 28, e 28 35, eL 57, Lm 12 09 (LN: 17s 9.5u, LV: 17s 3.2u), (M 6.2), D 84.5
KHC	eP 11 25 08, D 86.5
JAN07	19 17 37 Tonga 16.67 S 174.80 W, 146km, m 4.4 ISC
PRU	eiPKPD. 19 37 02.8, ei 37 07.8, D 145.9
KHC	eiPKP 19 37 04.5, ei 37 10.5, D 146.9
JAN07	21 38 52.5 Kurile Isl. 45.92 N 150.74 E, 111km, m 4.5 ISC
PRU	eP 21 50 37, D 77.2
KHC	eiP 21 50 42.5, D 78.2
JAN08	03 17 12.3 New Hebrides 13.74S 171.48 E, 628km, m 5.1 ISC
PRU	ePKIKP 03 35 27.4, eiSKP2 38 10.5, D 139.2
KHC	ePKIKP 03 35 28, eiSKP2 38 13, D 140.3
JAN08	13 50 41.4 Kurile Isl. 48.98 N 151.41 E, 276km, m 4.9 ISC
KHC	eP 14 01 58, D 75.7
JAN08	KHC eiPg 14 05 55, e 06 02, Lm 06 05 PRU ePg 14 06 07, eiSg 06 21.5, (D 1.1)
JAN08	20 22 19 Mid-Atlantic Ridge 8.09 N 38.07 W, 59km, m 5.3 ISC
KHC	eiP 20 32 16.5 (1.1s 63mu), ei 34 31, m 5.6, D 59.4
PRU	eiP 20 32 23, i 32 24.9, e(S) 40 47, e 40 59, eL 50, Lm 56.4 (LH: 19s 2.8u), M 5.5, D 60.3
PRA	eP 20 32 23, e 32 32, e 33 11, Lm 56, D 60.3
JAN08	21 13 41.8 Samoa 14.8 S 174.8 W, 33km, m 4.7 ISC
KHC	eiPKP 21 33 14, D 145.1
JAN08	21 54 33 Samoa 14.76 S 174.99 W, 120km, m 5.2 ISC
PRU	ePKP 22 13 56, ei 14 11, eSS 35 55, eSSS 41 09, eL 54, Lm 23 20.6 (LH: 21s 4.6u), M 6.2, D 144.0
PRA	ePKP 22 13 56, Lm 23 32.5 (LE: 17s 2.4u, LV: 16s 2.1u), (M 5.9), D 143.9
KHC	eiPKP 22 13 58, ei 15 41, D 145.0
JAN09	00 25 41 Tonga 15.3 S 174.51 W, 31km, m 4.6 ISC
PRU	ePKP 00 45 20, D 144.6

KHC	ePKP 00 45 20, D 145.6
JAN09	09 29 17 Samoa 14.69 S 175.00 W, 103km, m 4.5 ISC
PRU	ePKP 09 45 43, D 143.9
PRA	ePKP 09 45 43, D 143.9
KHC	eiPKP 09 45 45, D 144.9
JAN09	PRU eiPg 12 59 01.6, eiSg 59 28, (D 2.0) KHC eiPg 12 59 08, eiSg 59 42, (D 2.6)
JAN09	PRU eiPg 15 34 22.4, ei 34 33.4, eiSg 34 36.9, (D 1.1)
JAN09	23 15 42.8 Mediterranean Sea 35.52 N 22.54 E, 46km, m 4.7 ISC
KHC	eiP 23 19 13, ei 19 19, ei 20 23, D 15.1
PRU	eP 23 19 18.5 (0.7s 11mu), ei 19 38, m 4.1, D 15.6
JAN10	09 31 39 Kermadec Isl. 29.40 S 177.37 W, 53km, m 5.0 ISC
KHC	eiPKP2 09 52 06, D 158.6
JAN10	Explosion of 9.8 Tons: Czechoslovakia 49.83 N 14.83 E PRU
PRU	iPg 10 19 18.5, iSg 19 21.5, Lm 19 23, D 0.22
PRA	e 10 19 25, e 19 37, D 0.34
KHC	eiSg 10 19 51, Lm 19 59, D 1.2
JAN10	PRU ePg 11 03 59, eiSg 04 05, Lm 04 09, (D 0.46) KHC eiPg 11 04 14, eiSg 04 28, (D 1.2)
JAN10	PRU eiPg 12 01 14.6, ei 01 36.6, eiSg 01 40 (D 2.0)
JAN10	PRU ePg 12 52 53, eiSg 53 17, (D 1.8)
JAN11	10 15 Explosion of 7.8 Tons: Czechoslovakia 50.08 N 16.30 E PRU
PRU	iPg 10 15 52.6, eiSg 16 07.6, i 16 09.6, D 1.1
KHC	eiPg 10 16 06, eiSg 16 34, D 2.0
JAN11	12 07 Explosion of 7.5 Tons: Czechoslovakia 48.73 N 14.12 E PRU
KHC	eiPg 12 07 22, iSg 07 29, D 0.54
PRU	iPg 12 07 36.2, iSg 07 53.2, i 07 55.7, D 1.3
JAN11	16.12 46.7 Japan 34.39 N 141.28 E, 47km, m 5.1 ISC
PRU	eP 16 25 13, ei 25 28.8, D 83.7
PRA	eP 16 25 14, D 83.7

KHC	eiP 16 25 17.5, ei 25 34, D 84.7
JAN11	16 55 20.1 Philippines 6.86 N 126.24 E, 51km, m 5.2 ISC
PRU	eiP 17 08 57, D 98.4
JAN11	17 08 05.3 N. Italy 44.39 N 11.99 E, 0km, m 4.5 ISC
KHC	eiPn 17 09 21, ei 09 40.5, iSn 10 16, eiSg 10 50, D 4.9
PRU	eiPn 17 09 35, eiPg 10 03, eiSn 10 40, ei 10 48.8, ei 11 09, ei 11 28, D 5.9
PRA	e 17 11 01, D 5.9
JAN11	18 08 35.5 Kurile Isl. 46.30 N 153.13 E, 35km, m 4.7 ISC
PRU	eP 18 20 31, D 77.6
KHC	eiP 18 20 36, D 78.6
JAN12	03 05 19.4 Kermadec Isl. 27.26 S 177.12 W, 98km, m 5.1 ISC
PRU	ePKP2 03 25 29, D 155.6
KHC	eiPKP2 03 25 33, ei 25 51, D 156.7
JAN12	04 17 37 Andaman Isl. 13.27 N 93.12 E, 0km, m 5.5, ISC
PRU	eiP 04 29 08.4 (1.0s 25mu), ei 29 14, m 5.3, D 72.6
KHC	eiP 04 29 12, D 73.3
JAN12	PRU ePg 09 00 57, eiSg 00 17.5, (D 1.5)
JAN12	15 05 25.9 Albania 41.37 N 20.3 E, 0km, m 4.3 ISC
KHC	ePn 15 07 40, ei 07 55, ei 08 42, D 9.1
PRU	ePn 15 07 49, eiP 08 46, D 9.5
JAN13	07 03 45.8 Taiwan 24.13 N 122.21E, 55km, m 5.7 ISC
PRU	eiPC. 07 16 04 (1.7s 168mu), eiPP 19 11, eiS 26 18, ei 30 32, ei 35 56, eQ 44, Rm 56 (LH: 20s 17u), m 5.9, M 6.4, D 82.4
PRA	eP 07 16 04, eS 26 24, Lm 57.8 (LH: 18s 19u, LV: 16s 19u), M 6.5, D 82.5
KHC	iPC. 07 16 08.5 (1.5s 182mu), ei 17 06, eiPP 19 03, m 6.0, D 83.4
JAN13	PRU eiPg 13 00 24, eiSg 00 46, (D 1.6)
JAN13	Poland. BCIS
PRU	e 13 27 09.5, ei 27 35, eiSg 27 55
KHC	ei 13 27 36, eiSg 28 22

JAN13	16 07 01.4 Chile-Argentina 24.28 S 67.05 W, 164km, m 5.5 ISC
KHC	eiP 16 20 38.5, eipP 21 15, D 102.2
PRU	eP 16 20 41.5, eipP 21 30, ei 23 41, eiSKS 31 04, eiS 32 18, ei 33 46, eiSS 39 28, Lm 17 09 (LH: 17s 1.8u), M 6.1, D 103.1
JAN14	08 01 27.5 S. of Fiji 22.43 S 179.58 W, 602km, m 5.3 ISC
KHC	eiPKIKP 08 20 08.5, iPKHKP 20 15.5, iPKP2 20 26.5, eipPKP2 22 34.5, D 151.4
PRU	eiPKHKP 08 20 12 (0.8s 46mu), eipPKP2 20 22.5, eipPKP2 22 32, D 150.3
PRA	ePKHKP 08 20 12, epPKP 22 32, D 150.3
JAN14	12 28 24 Sicily 57.85 N 13.02 E, 20km, m 4.9 ISC
KHC	eP 12 31 05, ei 31 26.5, D 11.3
PRU	eiP 12 31 17.3, ei 31 41, Lm 36.8 (LH: 10s 3u), M 4.6, D 12.2
PRA	Lm 12 37, D 12.2
JAN14	12 25 06.2 Banda Sea 7.53 S 127.91 E, 80km, m 6.0 ISC
PRU	ePKP 12 43 33, ePP 44 10, ei 53 36, eSS 59 27, Lm 13 22 (LH: 24s 12u), M 6.6, D 110.7
PRA	ePKP 12 43 35, e 44 34, e 44 50, Lm 13 24 (LH: 10s 4.7u, LV: 9s 1.8u), M 6.3, D 110.7
KHC	eiPKP 12 43 37, eiPP 44 18.5, D 111.5
JAN14	12 40 49.7 Aleutian Isl. 52.61 N 171.29 W, 44km, m 5.5 ISC
PRU	eP 12 52 40, e 52 57, D 77.7
KHC	eiP 12 52 51, ei 54 32, D 78.5
JAN14	13 15 42 Sicily 37.68 N 12.96 E, 1km, m 4.8 ISC
KHC	eiP 13 18 29.5, ei 19 17.5, D 11.5
PRU	eP 13 18 39, ei 18 53.7, D 12.4
PRA	eP 13 18 39, D 12.4
JAN14	PRU iPg 14 09 20.5, iSg 09 32.5, Lm 09 48, (D 1.0)
KHC	ePg 14 09 25.3, iSg 09 40.3, Lm 09 50, (D 1.1)
PRA	e 14 09 32
JAN14	14 34 01.6 Tonga 20.87 S 173.77 W, 47km, m 4.5 ISC
PRU	eiPKHKP 14 53 48.5, D 150.2
KHC	eiPKHKP 14 53 51, D 151.2
JAN14	15 48 33.3 Sicily 37.90 N 13.03 E, 38km, m 4.6 ISC
KHC	eiP 15 51 11.5 (1.2s 32mu), ei 51 22.5, D 11.2
PRU	eiP 15 51 24, ei 51 42, Lm 56.9 (LH: 11s 5.9u), M 4.8, D 12.1

PRA	Lm 15 56.9 (LH: 9.5s 5.5u, LV: 10s 2.9u), M 4.8, D 12.1
JAN14	17 43 06 Aleutian Isl. 52.65 N 171.25 W, 3km, m 5.4 ISC
PRA	eP 17 55 07, eS 18 04 58, ePS 05 46, Lm 18 37 (LH: 15.5s 6.0u, LV: 14s 2.2u), M 6.0, D 77.5
KHC	eiP 17 55 10, D 78.5
PRU	eP 17 55 12.5, ei 55 41, eiS 18 05 04.5, eiSS 10 12, ei 14 28, eQ 21, Lm 34.5 (LH: 18s 10u), M 6.2, D 77.6
JAN15	01 33 04.1 Sicily 37.89 N 13.08 E, 44km, m 5.1 ISC
KHC	eiP 01 35 45, D 11.2
PRU	eiPC. 01 35 55 (1.2s 87mu), e 38 30, Lm 41 (LH: 10s 26u), M 5.5, D 12.1
PRA	eP 01 35 56, Lm 41.2 (LH: 10.5s 29u, LV: 10s 16u), M 5.6, D 12.2
JAN15	02 01 04.1 Sicily 37.78N 13.03 E, 3km, m 5.4 ISC
KHC	eiP 02 03 48 (1.2s 188mu), D 11.3
PRU	eP 02 04 00 (1.5s 262mu), ei 05 50, eiS 06 16, Lm 09.4 (LH: 12s 77u, LV: 12s 19u), M 5.9, D 12.2
PRA	eP 02 04 05, Lm 09.2 (LH: 11.5s 53u, LV: 12s 36u), M 6.0, D 12.3
JAN15	03 18 41.5 Sicily 37.86 N 13.03 E, 38km, m 4.5 ISC
KHC	eiP 03 21 23, ei 21 55, D 11.3
PRU	eiP 03 21 34, D 12.2
JAN15	12 32 22 N. Atlantic Ridge 33.84N 39.04 W, 49km, m 4.7 ISC
KHC	eP 12 40 10, D 41.4
PRU	eP 12 40 11, D 42.1
JAN15	13 42 03 Sicily 37.78 N 12.92 E, 16km ISC
KHC	eP 13 44 43, D 11.4
JAN15	14 59 43 Sicily 37.6 N 13.1 E, 0km, m 4.7 ISC
KHC	eP 15 02 24.5, ei 02 51.5, D 11.5
PRU	iP 15 02 44, D 12.4
JAN15	PRU ePg 15 30 29, eiSg 30 44, (D 1.1)
JAN15	18 22 53 Sicily 37.73 N 13.01 E, 25km ISC
KHC	eiP 18 25 36.5, D 11.4
PRU	eP 18 25 50, Lm 31.4 (LH: 11s 2.4u), M 4.4, D 12.3
PRA	eP 18 25 52, Lm 31, D 12.4

JAN15	19 33 55 N. E. China 37.85 N 115.49 E, 1km, m 5.0 ISC
KHC	eP 19 45 09, D 69.3
JAN15	19 46 54.5 Austria 47.43 N 16.1 E, 0km ISC
KHC	ePn 19 47 35, ei 47 55.5, eiSn 48 01, D 2.4
PRU	eiPn 19 47 43, ei 48 08.8, eiSn 48 15, D 2.8
JAN15	22 19 57.0 Sicily 37.72 N 12.94 E, 35km, m 4.7 ISC
KHC	eiP 22 22 41, D 11.4
PRU	eP 22 22 51, D 12.3
JAN16	00 54 05 Sicily 37.66 N 12.88 E, 14km ISC
KHC	eiP 00 56 51, D 11.5
PRU	eP 00 57 06, D 12.4
JAN16	13 10 32.3 Sicily 37.78 N 12.93 E, 33km ISC
KHC	eP 13 13 15, ei 13 30, D 11.4
PRU	eiP 13 13 28.7, Lm 17.4 (LE: 20s 1.9u), (M 4.0), D 12.2
JAN16	13 48 18 Yugoslavia 44.0 N 19.3 E BCIS
KHC	ePn 13 49 58, ei 50 03, eiSn 51 08, D 6.5
PRU	eS 13 51 06, e 51 32.2, D 6.8
JAN16	16 42 46.0 Sicily 37.86 N 12.99 E, 25km, m 5.1 ISC
KHC	eiPC. 16 45 27.5, ei 46 21.5, D 11.3
PRU	eiP 16 45 40, ei 46 24.2, Lm 51.2 (LH: 11s 31u, LV: 11s 11u), M 5.6, D 12.2
PRA	eP 16 45 42, e 45 58, Lm 51.3 (LH: 10s 29u, LV: 10s 17.8u), M 5.6, D 12.3
JAN18	01 57 26 W. of Tonga 21.6 S 179.5 W, 369km, m 4.4 ISC
PRU	eiPKHKP 02 16 31.6, D 149.5
KHC	eiPKHKP 02 16 34, D 150.6
JAN18	11 05 00.9 Kurile Isl. 44.06 N 149.11 E, 30km ISC
PRU	eP 11 17 13, D 78.3
KHC	eiP 11 17 19, D 79.4
JAN18	12 03 33 Fiji 14.60 S 178.25 W, 3km, m 5.1 ISC
PRU	ePKP 12 23 08, e 23 19, eL 13 18, Lm 25.5 (LN: 23s 1.8u), (M 5.7), D 143.2
KHC	eiPKP 12 23 09, ei 23 39, D 144.2

JAN18	PRU eiPg 14 02 38, eiSg 02 57.5, (D 1.5)
JAN18	23 36 23.5, Japan 41.08 N 142.67 E, 59km, m 4.6 ISC PRU eiP 23 48 20.7, D 78.5 KHC eiP 23 48 26, D 79.6
JAN19	06 04 36 Solomon Isl. 9.29 S 158.46 E, 13km, m 6.0 ISC PRU eiPKIKP 06 23 46, ei 24 31, ePP 25 50, ei 27 41, ei 38 37, eQ 07 06, Lm 21 (LH: 22s 26u), M 6.9, D 129.6 PRA ePKIKP 06 23 47, ePP 25 58, Lm 07 22 (LH: 18.5s 23u, LV: 19s 24.4u), M 6.9, D 129.6 KHC eiPKIKPD. 06 23 47 (2.1s 221.2mu), ei 25 51, eiPP 26 10, D 130.6
JAN19	10 00 Explosion of 12.6 Tons: Czechoslovakia 50.12 N 13.53 E PRU PRU iPg 10 00 43, eiSg 00 52, ei 00 56, Lm 01 01, D 0.67 KHC ePg 10 00 48, i 00 50.5, eiSg 01 02.5, i 01 04.7, D 0.99
JAN19	13 58 31 Czechoslovakia 49.8 N 13.1 E BCIS KHC iPg 13 58 45, eiSg 58 54, Lm 59 00, D 0.74 PRU iPg 13 58 48.9, iSg 59 01.4, D 0.95 PRA e 13 59 14, D 0.90
JAN19	14 39 38.3 S. Chile 42.54 S 75.23 W, 23km, m 5.5 ISC KHC ePKIKP 14 58 26, ei 59 52, D 119.9
JAN19	15 53 11 Kurile Isl. 43.9 N 148.7 E, 30km ISC PRU eP 16 05 18.5, D 78.2 KHC eiP 16 05 24, D 79.3
JAN19	16 05 04 Kurile Isl. 44.1 N 148.6 E, 40km, m 4.3 ISC KHC eiP 16 17 05.5, i 17 18.5, D 79.2 PRU eP 16 17 12, D 78.1
JAN19	18 15 00.1 Explosion "FAULTLESS": Nevada 38.63 N 116.29 W, USA m 6.3 ISC PRU iPC. 18 27 20.5 (1.0s 318mu, PH: 2.4s 0.5u, PV: 2.4s 0.5u), ei 27 39, ei 28 43, ePKPKP 53 44, eL 19 00, Lm 06 (LH: 17s 2.0u), m 6.4, M 5.6, MPH 6.5, MPV 6.2, D 81.7 PRA eP 18 27 21, D 81.6 KHC iPC. 18 27 22.0 (2.0s 692mu), ei 28 18, eiPP 30 28, eiPKPKP 53 55.5, m 6.4, D 82.0
JAN20	06 09 12 Azores 36.9 N 21.9 W, 33km, m 4.3 ISC

PRU	e 06 18 41, e 27 41, Lm 46 (LE: 17s 2u), (M 4.8), D 29.2
JAN20	PRU iPg 08 31 59, i 32 00, iSg 32 16, (D 1.4)
JAN20	16 41 28 Fiji 16.28S 178.15 E, 28km, m 5.6 ISC PRU ePKP 17 01 00, ei 01 12, ei 02 14.6, eSS 22 54, eSSS 28 16, eL 40, Lm 18 08 (LH: 20s 2.7u), M 6.0, D 143.9 KHC eiPKP 17 01 03.2, ei 01 10.5, D 144.9
JAN20	17 34 05.1 W. of Tonga 19.02 S 178.00 W, 622km, m 4.5 ISC KHC ePKIKP 17 52 38, iPKHKP 52 44.0, D 148.5 PRU eiPKHKPD. 17 52 40.7, D 147.5
JAN20	21 21 31.6 Kermadec Isl. 30.08 S 179.51 W, 352km, m 5.7 ISC PRU eiPKIKPD. 21 40 45.2, eiPKHKP 40 57, iPKP2 41 20.5, ei 43 27.5, iPP 44 57.7, D 157.5 KHC iPKIKPD. 21 40 46.6 (1.0s 167mu), iPKP2 41 24.5, eiPP 45 03, D 158.2 PRA ePKIKP 21 40 49, eiPKP2 41 21, ePP 44 58, D 157.4
JAN20	21 41 10 Mexico 16.18N 105.25 W, 50km, m 4.8 ISC PRU eiP 21 54 33.2, D 95.5
JAN21	00 28 12.3 Solomon Isl. 5.29 S 154.01 E, 110km, m 5.2 ISC PRU eiPKIKP 00 46 58, D 124.0
JAN21	02 39 03 Sicily 37.98 N 12.9 E, 2km, m 4.3 ISC KHC eiP 02 41 45, D 11.2 PRU eiP 02 41 56, D 12.1
JAN21	04 26 08.7 Japan 33.63 N 141.80 E, 36km, m 5.0 ISC PRU eiP 04 38 40.4, ei 38 56.4, D 84.5 KHC eP 04 38 45, ei 39 01, D 85.6
JAN21	PRU iPg 11 36 08.5, ei 36 25.5, iSg 36 27.5, (D 1.5)
JAN21	13 47 08.7 Tonga 16.5 S 173.7 W, 33km, m 4.2 ISC PRU eiPKP 14 06 47, D 145.9 KHC eiPKP 14 06 49.5, D 146.9
JAN21	16 42 29.5 Ascension Isl. 1.44 S 14.10 W, 38km, m 5.4 ISC

KHC PRU FRA	eiP 16 52 00, i 52 08, D 55.8 eP 16 52 09, ei 52 11.5, ei 53 46, eiPP 54 16, ei 55 30, eS 17 00 04, e 01 37, eL 10, Lm 17 (LH: 20s 22u, LV: 20s 11u), M 6.2, D 56.8 eP 16 52 13, ePPP 55 46, eS 17 00 01, Lm 17 (LH: 15.5s 18u, LV: 16s 17.4u), M 6.2, D 56.9
JAN21 PRU KHC	22 55 35.5 New Britain 5.06 S 150.82 E, 179km, m 5.2 ISC ePKIKP 23 14 09, D 122.1 eiPKIKP 23 14 11.5, D 123.1
JAN21 KHC PRU	23 45 16 Mexico 16.83 N 92.26 W, 60km, m 5.3 ISC eiP 23 57 59, ei 58 06, D 87.4 eP 23 58 00, D 87.7
JAN22 KHC PRU	00 19 44 S. Greece 36.2 N 22.6 E, 57km ISC eP 00 23 05, D 14.5 eP 00 23 16.7, D 15.0
JAN22 KHC PRU	Yugoslavia (Ljubljana), BCIS e 03 43 37, ei 44 12.5, eiSg 44 38.5 e 03 44 46, e 45 16
JAN22 KHC PRU	07 19 06.7 Straits of Gibraltar 35.08 N 5.66 W, 36km, m 4.4 ISC eiPC. 07 23 36.5, D 19.9 eP 07 23 48, D 21.0
JAN22 PRU KHC	10 35 39.4 China 38.24 N 75.66 E, 132km, m 5.0 ISC eP 10 43 37.5, eipP 44 11, D 44.3 iPC. 10 43 43.4 (1.0s 27mu), eipP 44 17, m 5.1, D 45.0
JAN22 KHC PRU	13 21 33.3 Azores 41.23 N 29.34 W, 33km, m 4.7 ISC eiP 13 27 47.5, D 30.9 eP 13 27 54.4, D 31.5
JAN22	PRU iPg 13 56 45, iSg 56 46.5, (D 0.12) KHC eiPg 13 57 03, eiSg 57 18.5, (D 1.2)
JAN22	PRU iPg 13 56 45, iSg 56 46.5, (D 0.12) KHC eiPg 13 57 03, eiSg 57 18.5, (D 1.2)
JAN22	KHC eiPg 15 00 11, iSg 00 29.9, (D 1.5)

JAN22 KHC	18 16 48 E. New Guinea 9.83 S 148.87 E, 18km, m 5.2 ISC eiPKIKP 18 35 51, D 126.0
JAN22 KHC	18 59 08 New Britain 6.83 S 153.57 E, 22km, m 4.7 ISC eiPKIKP 19 18 12, D 126.1
JAN22 PRU KHC	20 34 12.6 Persia-Iraq 33.80 N 46.83 E, 51km, m 4.9 ISC eP 20 40 06, D 28.7 eiP 20 40 08, ei 40 45, D 29.0
JAN22 PRU KHC	21 20 44.1 Persia-Iraq 33.80 N 46.80 E, 51km, m 4.9 ISC eP 21 26 39, D 28.7 eiP 21 26 40, ei 27 11, D 29.0
JAN22 PRU KHC	23 44 30.4 Alaska 70.36 N 144.0 W, 9km, m 4.4 ISC eP 23 54 34, D 59.0 eiP 23 54 39.5, ei 55 41.5, D 59.7
JAN23 PRU KHC	03 22 45.7 Burma-India 26.01 N 95.65 E, 96km, m 4.8 ISC eP 03 33 18, eipP 33 42, D 65.0 eiPD. 03 33 22, eipP 33 47, D 65.8
JAN23	PRU eiPg 08 40 36.2, eiSg 40 56.7, (D 1.5) KHC iPg 08 40 44.0, iSg 41 10, Lm 41 27, (D 2.0)
JAN23 PRU KHC	11 45 15.0 Japan 35.76 N 140.10 E, 75km, m 4.3 ISC eP 11 57 29, D 82.0 eiP 11 57 34, D 83.1
JAN23 PRU KHC PRA	16 06 50.3 Aleutian Isl. 52.21 N 171.33 W, 51km, m 5.3 ISC eiP 16 18 46 (1.0s 31mu), eipP 19 06, eL 47, Lm 17 00 (LH: 22s 1.8u), m 5.4, M 5.4, D 78.1 eiPC. 16 18 50 (1.2s 51mu), ei 19 17, m 5.4, D 79.0 Lm 17 04.5, D 78.1
JAN23 KHC PRU	19 18 14.4 Ethiopia 8.69 N 37.41 E, 33km, m 4.9 ISC eiP 19 26 27.5 (1.4s 24mu), ei 28 07.5, m 4.9, D 45.0 eP 19 26 31, D 45.4
JAN23 PRU	19 16 30.6 Japan 40.70 N 142.83 E, 50km, m 4.8 ISC eiP 19 28 31, ei 28 44, D 78.9

JAN24	OC 59 22 Mid-Atlantic Ridge 8.19 N 38.15 W, 28km, m 5.0 ISC
KHC	eiPD. 01 09 22.5, ei 09 33.5, D 59.4
PRU	eiP 01 09 30.3, D 60.3
JAN25	09 56 46 Sicily 37.71 N 13.06 E, 4km, m 5.0 ISC
KHC	iPC. 09 59 30.3, i 59 43.5, D 11.4
PRA	eP 09 59 33, Lm 10 04.5 (LE: 11s 28u), Lm 05.4 (LH: 10.5s 24u, LV: 10s 14.6u), M 5.5, D 12.4
PRU	eiP 09 59 42 (1.7s 118mu), ei 59 57.5, ei 10 00 32.6, e 01 48, Lg 02 00, Lm 03.6 (LE: 20s 44u), Lm 05 (LH: 10s 27u, LV: 10s 7u), M 5.4, D 12.3
JAN25	11 22 22.4 Aleutian Isl. 51.47 N 169.56 W, 15km, m 4.8 ISC
PRU	eiP 11 34 26, D 78.9
KHC	eiPD. 11 34 31.5, D 79.7
JAN25	PRU ePg 12 34 38, eiSg 34 59, (D 1.5)
JAN25	14 35 32 Sicily 37.78 N 12.94 E, 23km, m 4.4 ISC
KHC	eP 14 38 15, D 11.4
PRU	eP 14 38 27, e 38 47, Lm 42.5 (LE: 20s 3.4u), Lm 44 (LH: 10s 2.4u), M 4.5, D 12.3
PRA	Lm 14 45, D 12.3
JAN26	04 45 41.7 Flores Isl. 8.93 S 120.32E, 29km, m 6.0 ISC
KHC	e 05 03 55, eiPP 04 27, D 107.7
PRU	ePP 05 04 29, eSKS 10 41, e 14 21, e 15 01, e 18 33, eL 36, Lm 52 (LH: 22s 28u), M 6.8, D 106.9
PRA	Lm 05 53, D 107.0
JAN26	PRU eiPg 11 59 59.5, eiSg 12 00 10, (D 0.81)
KHC	ePg 12 00 14, eiSg 00 34, (D 1.5)
JAN26	Explosion of 3.7 Tons: Czechoslovakia 50.62 N 14.35 E PRU
PRU	eiPg 13 30 19.4, ei 30 24.4, eiSg 30 28.4, D 0.65
KHC	eiPg 13 30 35, eiSg 30 58, D 1.6
JAN26	PRU eiPg 14 26 25.9, eiSg 26 50.9, (D 1.9)
KHC	e 14 26 32
JAN27	00 48 41 N. Atlantic Ridge 29.93 N 42.78 W, 80km, m 5.0 ISC
KHC	eiP 00 56 59.5, ei 57 05.5, D 46.4
PRA	eP 00 57 05, D 47.0
PRU	eiPC. 00 57 06 (2.0s 84mu), ei 57 37.5, eS 01 04 00, eL 11, Lm 14.5 (LE: 18s 1.5u), m 5.5, (M 4.9), D 47.0

JAN27	PRU eiPn 12 01 13.5, iPg 01 15.5, ei 01 31.5, iSg 01 33.5, (D 1.5)
KHC	ePn 12 01 28, eiPg 01 31.5, eiSg 02 03.5, (D 2.5)
JAN27	13 56 23.3 Taiwan 23.19 N 121.57 E, 49km, m 5.3 ISC
PRA	eP 14 08 42, Lm 50.8 (LH: 19s 4.3u, LV: 18s 2.9u), M 5.8, D 82.8
PRU	eiP 14 08 44, eiPcP 08 52.4, ei 09 43, D 82.8
KHC	eiPC. 14 08 48.7 (1.5s 16mu), ei 09 00.5, ei 09 43, ei (PP) 11 48.8, m 5.5, D 83.8
JAN27	18 28 52 Algeria 35.93 N 5.4 E, 17km, m 4.2 ISC
KHC	eiP 18 32 21.4, D 14.5
PRU	e 18 32 50, D 15.6
JAN28	02 10 51 Switzerland 46.2 N 7.3 E, 0km, ISC
KHC	eiPn 02 12 05.5, eiPg 12 25, eiSn 12 59, eiSg 13 29, D 5.2
PRU	eiPg 02 12 41.8, eSn 13 36, e 14 01, eiSg 14 09, eL 43, Lm 48.5 (LH: 20s 4.1u), M 4.0, D 6.2
JAN28	16 27 10 Switzerland 46.3 N 7.5 E BCIS
KHC	ePg 16 28 46, eiSg 29 51, D 5.1
PRU	e(Sg) 16 30 30, D 5.0
JAN28	22 21 26 Sicily BCIS
KHC	e 22 24 13
PRU	e 22 24 27
JAN29	05 00 09.3 Hindu Kush 36.44 N 70.39 E, 212km, m 5.3 ISC
PRU	eiPC. 05 07 41.3 (1.2s 40mu), eipP 08 26, m 5.0, D 41.9
KHC	eiPC. 05 07 46.2 (1.4s 48mu), eipP 08 33.4, eiPP 09 31, eiPPP 10 05.2, ei 11 13.3, m 5.0, D 42.6
PRA	eP 05 08 26, D 42.0
JAN29	10 19 02.9 Kurile Isl. 43.52 N 146.72 E, 20km, m 6.3 ISC
PRU	iPC.S.E. 10 31 00.5 (1.0s 636mu, PH: 20s 13u), ei 32 03, ei 33 05, ei 34 17, eiS 40 55, Lm 11 07.8 (LH: 18s 22Ou), m 6.7, M 7.6, MPH 7.1, D 77.9
PRA	iPC.S. 10 31 01.0 (PV: 4.4s 5.9u), e 32 39, ePP 33 55, ePPP 35 49, eS 40 51, eSKS 41 07, ePS 41 29, Lm 11 17 (LH: 15.5 s 153u, LV: 16s 152u), M 7.4, MPV 7.1, D 77.9
KHC	iPC. 10 31 06.5 (1.6s 1300mu), m 6.7, D 78.9
JAN29	10 42 06 Kurile Isl. 43.12 N 147.34 E, 25km, m 5.2 ISC

PRU KHC	eP 10 54 07 (1.2s 35mu), ei 54 19, m 5.4, D 78.5 eiPC. 10 54 12.4 (1.1s 41mu), m 5.4, D 79.6
JAN29	11 25 22 Kurile Isl. 43.05 N 147.28 E, 35km, m 4.3 ISC
PRU	eP 11 37 24, D 78.6
JAN29	11 43 58.2 Kurile Isl. 43.18 N 147.45 E, 34km, m 5.1 ISC
PRU KHC	eiP 11 55 58.5, eiPcP 56 09, D 78.5 eiP 11 56 03.5 (1.2s 51mu), m 5.4, D 79.6
JAN29	12 07 08.4 Kurile Isl. 43.23 N 147.30 E, 35km, m 4.8 ISC
PRU KHC	eiP 12 19 08, eiPcP 19 18, D 78.4 eiP 12 19 13.3 (1.0s 27mu), m 5.2, D 79.5
JAN29	KHC eiPg 13 00 40, eiSg 00 47, Lm 00 50, (D 0.55) PRU eiPg 13 00 53, eiSg 01 07, (D 1.1)
JAN29	14 43 49 Japan 42.95 N 146.98 E, 29km, m 4.7 ISC
PRU KHC	eiP 14 55 49.5, D 78.5 eiP 14 55 55.5, D 79.6
JAN29	15 43 19.1 Kermadec Isl. 33.93 S 179.24 W, 33km, m 5.0 ISC
KHC	ePKIKP 16 03 17, D 162.1
JAN29	16 42 49.9 Kurile Isl. 43.39 N 147.18 E, 35km, m 5.7 ISC
PRU PRA KHC	iPC. 16 54 48.0 (1.0s 121mu), eiPcP 54 58, eS 17 04 37, eL 24, Lm 33 (LH: 17s 9.5u), m 6.0, M 6.2, D 78.2 ePC. 16 54 48, ePcP 55 00, eS 17 04 46, Lm 17 34 (LH: 14s 8.4u, LV: 14s 9.2u), M 6.2, D 78.2 iPC. 16 54 53.5 (1.0s 161mu), iPcP 55 03.5, m 6.0, D 79.3
JAN29	17 14 01 Kurile Isl. 43.25 N 147.37 E, 5km, m 4.5 ISC
PRU KHC	eiP 17 26 05, eiPcP 26 16, D 78.4 eiP 17 26 11, D 79.5
JAN29	19 39 18.4 Kurile Isl. 43.26 N 147.40 E, 40km, m 4.4 ISC
PRU KHC	eiP 19 51 17, eiPcP 51 28, D 78.4 eiP 19 51 23, D 79.5
JAN29	20 44 03 Kurile Isl. 43.08 N 147.41 E, 24km, m 4.5 ISC
PRU KHC	eP 20 56 04.5, D 78.6 eiP 20 56 10.2, D 79.6

JAN29	20 52 21.4 Kodiak Isl. 56.39 N 153.54 W, 6km, m 5.1 ISC
PRA PRU KHC	eP 21 03 56, D 73.4 eiP 21 03 56.5, eiPcP 04 05.3, D 73.5 eiPC. 21 04 01, D 74.3
JAN29	21 11 34 Kodiak Isl. 56.42 N 153.47 W, 10km, m 4.7 ISC
PRU KHC	eP 21 23 09, D 73.5 eiP 21 23 13, D 74.3
JAN29	21 48 53.2 Kurile Isl. 43.55 N 147.39 E, 40km, m 3.9 ISC
KHC	eiP 22 00 56.5, D 79.2
JAN29	22 27 33 Kurile Isl. 43.01 N 147.39 E, 23km, m 4.4 ISC
PRU KHC	eP 22 39 36, D 78.6 eiP 22 39 40.2, D 79.7
JAN29	22 38 06 Japan 42.98 N 147.19 E, 19km, m 4.8 ISC
PRU KHC	eP 22 50 08, D 78.6 eiP 22 50 14.2, D 79.6
JAN30	00 10 37 Japan 42.94 N 146.9 E, 39km, m 4.0 ISC
KHC	eiP 00 22 41, D 79.6
JAN30	01 30 16.8 Kurile Isl. 43.26 N 146.88 E, 40km, m 5.3 ISC
PRU KHC	eiP 01 42 19 (1.2s 70mu), eiPcP 42 24.5, m 5.7, D 78.2 eiPC. 01 42 19.8 (1.1s 59mu), eiPcP 42 30, m 5.5, D 79.3
JAN30	01 48 28.5 Kurile Isl. 43.21 N 147.66 E, 31km, m 5.1 ISC
PRU PRA KHC	eP 02 00 28, ei 00 50.5, eS 10 22, eL 28, Lm 33 (LH: 19s 5.5u), M 6.0, D 78.5 eP 02 00 28, Lm 38.5 (LH: 17.5s 6.2u, LV 17s 5.1u), M 6.0, D 78.5 eiP 02 00 33.5 (1.0s 56mu), ei 00 47, m 5.4, D 79.6
JAN30	01 54 00.1 W. of Tonga 20.70 S 178.60 W, 599km, m 4.7 ISC
PRU KHC	eiPKHKP 02 12.43, D 149.0 eiPKHKP 02 12 45, eiPKP2 12 53.2, D 150.0
JAN30	02 20 31.0 Kurile Isl. 43.28 N 147.69 E, 25km, m 4.7 ISC
PRU KHC	eiP 02 32 32.4, D 78.5 eiP 02 32 38 (1.1s 18u), m 4.9, D 79.6

JAN30	02 38 08 Kurile Isl. 43.24 N 147.80 E, lkm, m 5.0 ISC
PRU	eiP 02 50 12 (1.0s 3lmu), eiPcP 50 21.5, m 5.3, D 78.6
PRA	eP 02 50 13, D 78.6
KHC	eiP 02 50 17 (1.0s 43mu), ei 50 30.5, m 5.3, D 76.6
JAN30	02 42 22 Kurile Isl. 43.23 N 147.70E, lkm, m 4.5 ISC
PRU	eiP 02 54 26, D 78.6
KHC	eiP 02 54 32, D 79.6
JAN30	02 53 46.7 Kurile Isl. 43.29 N 147.51 E, 33km, m 4.7 ISC
PRU	eiP 03 05 46.5, D 78.4
KHC	eiP 03 05 52.4, ei 06 04.5, D 79.5
JAN30	03 01 41 Kurile Isl. 43.10 N 147.29 E, 7km, m 5.3 ISC
PRA	eP 03 13 44, Lm 53 (LH: 13.5s 6.0u, LV: 14s 4.5u), M 6.0, D 78.5
PRU	eiP 03 13 45 (1.0s 68.2mu), ei 14 14, eS 23 31, Lm 38.5 (LH: 17s 6.3u), m 5.7, M 6.0, D 78.5
KHC	iPC. 03 13 50.0 (1.0s 46mu), ei 14 19.4, m 5.5, D 79.6
JAN30	03 23 39.8 Kurile Isl. 43.21 N 147.60 E, 19km, m 4.9 ISC
PRU	eiP 03 35 42.5 (1.2s 39mu), ei 35 55, m 5.5, D 78.5
KHC	eiPC. 03 35 47 (1.1s 44mu), m 5.4, D 79.6
JAN30	03 27 14 Kurile Isl. 44.2 N 146.7 E, 33km ISC
PRU	eP 03 39 08, D 77.3
KHC	eiP 03 39 13.5, D 78.4
JAN30	03 29 50.2 Kurile Isl. 43.19 N 147.6 E, 40km, m 4.3 ISC
PRU	eP 03 41 48, D 78.5
KHC	eiP 03 41 55.5, D 79.6
JAN30	03 44 24.8 Java 6.10 S 113.36 E, 599km, m 6.0 ISC
PRU	eiPD. 03 57 09.5 (1.0s 38mu), ei 04 03 15, eSKS 07 00, ei 07 30
KHC	eiPKKP 13 23.5, m 5.8, D 100.3 eiP 03 57 12 (0.8s 24mu), ei 04 00 05, eiPP 01 34, eiPKKP 13 21 m 5.7, D 101.0
JAN30	03 52 36.3 Japan 42.88 N 147.2 E, 30km ISC
PRU	eP 04 04 36, D 78.7
JAN30	03 55 18 Kurile Isl. BCIS
KHC	eiP 04 07 22

JAN30	04 02 07 Kurile Isl. 43.3 N 147.2 E, 51km, m 5.1 ISC
PRU	eiP 04 14 04, ei 14 15, D 78.3
KHC	eiPC. 04 14 10.2 (1.0s 30mu), m 5.3, D 79.4
JAN30	04 10 35.6 Japan 42.98 N 147.23 E, 24km, m 5.1 ISC
PRU	eiP 04 22 37, eiPcP 22 48.4, D 78.6
KHC	eiPC. 04 22 43, D 79.7
JAN30	06 08 35.5 Kurile Isl. 43.37N 147.19 E, 41km, m 4.9 ISC
PRU	eiP 06 20 33, eiPcP 20 43, D 78.3
KHC	eiPC. 06 20 38.7, eiPcP 20 49, D 79.3
JAN30	06 17 02.7 Tonga 24.0 S 175.20 W, 33km, m 5.0 ISC
PRU	ePKHKP 06 36 59, D 153.0
KHC	ePKHKP 06 37 01, eiPKP2 37 14, D 153.9
JAN30	08 17 32.4 Hindu Kush 36.46 N 70.71 E, 202km, m 5.0 ISC
PRU	eP 08 25 07, D 42.1
KHC	eiP 08 25 11, eiPP 26 05, eiPcP 26 54, D 42.8
JAN30	09 06 28 Japan 42.93 N 146.99 E, 26km, m 4.6 ISC
KHC	eiP 09 18 34.5, D 79.6
JAN30	PRU ePg 13 06 43, eiSg 07 07.5, (D 1.8)
JAN30	PRA e 13 29 17, ei(L) 29 19.5 Probably explosion. KHC eiPg 13 29 32, eiSg 29 46, (D 1.0)
JAN30	14 09 20.7 Kurile Isl. 43.2 N 146.8 E, 40km, m 4.2 ISC
KHC	eiP 14 21 33, D 79.3
JAN30	16 57 51 Kurile Islands 43.0 N 147.4 E. 60km, ISC
KHC	eiP 17 09 55, D 79.7
JAN30	18 34 59.5 Japan 42.95 N 147.38 E, 17km, m 4.8 ISC
PRU	eiP 18 47 02, eiPcP 47 13.5, D 78.7
KHC	eiPC. 18 47 08, eiPcP 47 19.5, D 79.7
JAN31	01 20 46.4 W. of Tonga 17.79 S 178.23 W, 662km, m 4.4 ISC
KHC	eiPKP 01 39 16.5, i 39 20.4, D 147.3

PRU	eiPKPD. 01 39 18, D 146.3
JAN31	02 03 29.8 Argentina 27.69 S 63.22 W, 585km, m 5.1 ISC
KHC PRU	eP 02 16 25, eiPP 20 43, D 102.5 eiP 02 16 30, eiPP 20 49, D 103.4
JAN31	04 55 42.7 Kurile Isl. 43.26N 147.66 E, 32km, m 4.6 ISC
PRU KHC	eP 05 07 43, D 78.5 eiP 05 07 49, D 79.6
JAN31	11 45 18 Tibet 29.80 N 92.20 E, 25km, m 5.1 ISC
PRU KHC	eP 11 55 25, ei 55 30, D 60.2 eiP 11 55 30.3, D 61.0
JAN31	16 19 22 Japan 42.79 N 146.91 E, 2km, m 4.4 ISC
PRU KHC	eP 16 31 27.7, D 78.7 eiP 16 31 33, D 79.7
JAN31	PRU ePg 21 37 33, eiSg 37 37, Lm 37 44, (D 0.30) KHC ePg 21 37 45, eiSg 38 02, (D 1.3)
JAN31	21 58 23.4 Kurile Isl. 43.02 N 147.77 E, 25km, m 4.9 ISC
PRU KHC	eP 22 10 25.8, ei 10 28.5, ei 10 40, D 78.8 eiP 22 10 31.5 (1.0s 22mu), i 10 45.1, m 5.0, D 79.8

FEBO1	07 58 03.1 Vancouver Isl. 49.96 N 129.86 W, 14km, m 5.2 ISC
KHC	eP 08 09 54, ei 10 00.5, D 76.4
FEBO1	12 44 03.8 Alaska 62.53 N 151.10 W, 29km ISC
KHC	eP 12 55 03, D 68.0
FEBO1	12 47 21.9 Kurile Isl. 43.22 N 146.94 E, 24km, m 5.5 ISC
PRA PRU KHC	eP 12 59 21, Lm 13 40, D 78.3 iP 12 59 21.5, eiPcP 59 31.5, eL 13 31, Lm 38 (LH: 18s 2.lu), M 5.4, D 78.3 eiPC. 12 59 27.2 (1.0s 91mu), eiPcP 59 38, m 5.8, D 79.3
FEBO1	16 25 10 Loyalty Isl. 22.5 S 171.1 E, 9km ISC
PRU KHC	ePKP 16 44 52, D 146.9 eiPKP 16 44 53.5, D 148.0
FEBO1	19 02 09.5 Japan 42.95N 147.15 E, 33km, m 4.8 ISC
PRU KHC	eiP 19 14 09.5, D 78.6 eiP 19 14 15, D 79.7
FEBO1	19 31 56.8 Kurile Isl. 43.05 N 147.01 E, 26km, m 4.7 ISC
KHC	eP 19 44 02.5, D 79.5
FEBO1	23 13 47.2 New Hebrides 18.54 S 169.10 E, 224km, m 5.0 ISC
PRU KHC	eiPKP 23 32 50.5, D 142.6 eiPKP 23 32 53.5, D 143.6
FEBO2	00 43 53 W. of Tonga 20.7 S 177.7 W, 305km, m 4.4 ISC
PRU KHC	ePKIKP 01 03 03, D 149.2 eiPKIKP 01 03 06, eiPKHKP 03 14.5, D 150.2
FEBO2	09 50 40.8 Loyalty Isl. 22.35 S 171.36 E, 98km, m 5.0 ISC
KHC	eiPKIKP 10 10 15.3, eiPKP2 10 37, D 148.0
FEBO2	PRU eiPg 12 51 44.7, eiSg 52 08.7, (D 1.8) KHC ePg 12 51 45.5, eiSg 52 13, (D 2.2)
FEBO2	15 15 46 Albania 41.4 N 20.5 E, 59km ISC
KHC PRU	eiP 15 17 56.5, ei 18 18, D 9.1 eP 15 18 04, e 20 08, e 21 18, D 9.5

FEBO2	15 36 57.5 Kurile Isl. 43.14 N 146.81 E, 37km, m 4.2 ISC
PRU	eP 15 48 56, eiPcP 46 06, D 78.3
KHC	eP 15 49 01, eiPcP 49 12.4, D 79.4
FEBO2	18 18 46.2 Tonga 23.0 S 174.46 W, 45km, m 5.0 ISC
PRU	ePKHKP 18 48 37, D 152.1
KHC	eiPKHKP 18 48 40, D 153.1
FEBO2	20 15 26.3 Kurile Isl. 43.05 N 149.99 E, 34km, m 4.9 ISC
PRU	eiP 20 27 26, eiPcP 27 36.5, D 78.5
KHC	eiP 20 27 31.5, D 79.5
FEBO2	23 16 31.9 New Hebrides 16.01 S 167.50 E, 37km, m 4.7 ISC
KHC	ePKIKP 23 35 59.5, D 140.7
FEBO3	03 26 17.8 Kurile Isl. 46.57 N 152.64 E, 56km, m 5.4 ISC
PRU	iPC. 03 38 06.9 (1.0s 64mu), Lm 04 16 (LH: 19s 1.1u), m 5.7, M 5.3, D 77.2
PRA	eP 03 38 07, D 77.2
KHC	eiPC. 03 38 13.1 (1.0s 108mu), m 5.9, D 78.3
FEBO3	05 16 17 Fiji 17.53 S 176.45 E, 19km, m 4.9 ISC
PRU	eiPKP 05 35 51.6, e 37 09, D 144.5
KHC	eiPKP 05 35 55, D 145.5
FEBO3	05 36 18.0 Mexico 16.67 N 99.39 W, 29km, m 5.6 ISC
KHC	eiP 05 49 24.5, ei 49 59, D 91.8
PRU	eiP 05 49 24.5, ei 49 32, ePP 53 08, eS 06 00 28, e 00 54, eiSS 06 36, eSSS 10 30, eL 20, Lm 31 (LH: 22s 3.2u), M 5.8, D 91.9
FEBO3	10 40 03 Poland 50.5 N 19.0 E, BCIS
PRU	eiPn 10 40 49, ei 40 55.5, eiSn 41 24, ei 41 31.5, D 2.9
KHC	ePn 10 41 00, eiSg 42 00, D 3.8
FEBO3	11 30 43.5 Kurile Isl. 43.14 N 146.91 E, 26km, m 5.4 ISC
PRU	iPC. 11 42 42.7 (1.2s 54mu), iPcP 42 53, ei 43 45, Lm 12 21 (LH: 18s 1.4u), m 5.5, M 5.4, D 78.4
PRA	eP 11 42 43, ePcP 42 53, Lm 12 20, D 78.3
KHC	iPC. 11 42 48.6 (1.3s 72mu), iPcP 42 59, m 5.5 D 79.4
FEBO3	15 40 44.1 Mexico 16.62 N 93.63 W, 133km, m 5.3 ISC

KHC	eiP 15 53 22.5, eisP 54 11.5, ei 57 19.6, D 88.4
PRU	eiP 15 53 23.6, eisP 54 13.5, eiSKKS 16 03 44, D 88.6
PRA	eP 15 53 24, eSKKS 16 03 44, D 88.5
FEBO4	05 08 09 Kurile Isl. 43.6 N 146.6 E, 61km, m 3.9 ISC
PRU	eP 05 20 03, D 77.8
KHC	eiP 05 20 07.2, D 78.9
FEBO4	07 05 14 Kurile Isl. 43.7 N 146.6 E, 80km, m 3.9 ISC
KHC	eiP 07 17 12.6, D 78.8
FEBO4	09 10 22.9 Kurile Isl. 43.0 N 147.35 E, 18km, m 5.3 ISC
PRA	eP 09 22 24, Lm 10 00, D 78.5
PRU	iPC. 09 22 24.5 (1.2s 44mu), ei 22 37, ei 23 47, Lm 59.6 (LH: 19s 1.5u), m 5.4, M 5.4, D 78.6
KHC	eiPC. 09 22 30.6, i 22 42.5, D 79.6
FEBO4	11 00 50.8 Japan 42.96 N 147.12 E, 38km, m 5.5 ISC
PRU	eiP 11 12 50.6 (1.5s 96mu), eiPcP 13 02, ePP 15 45, eiS 22 42, e 28 16, eQ 40, Rm 50.5 (LH: 16s 22u), m 5.7, M 6.6, D 78.6
PRA	ePC. 11 12 51 (PV: 4s 2.3u), e 15 23, eS 22 45 (SH: 5s 2.6u), eScS 23 10, Lm 50 (LH: 14.5s 19u, LV: 16s 14.8u), M 6.6, MPV 6.7, MSH 6.6, D 78.6
KHC	eiP 11 12 55.2, iPcP 13 08, D 79.6
FEBO4	11 06 21.5 Japan 42.93 N 147.23 E, 37km, m 5.2 ISC
PRU	eiP 11 18 22, ei 18 28, ei 18 46, D 78.7
KHC	eiP 11 18 28, ei 18 53.4, D 79.7
FEBO4	13 54 44.7 Kurile Isl. 43.04 N 147.30 E, 30km, m 4.4 ISC
PRU	eP 14 06 46, D 78.6
KHC	eP 14 06 50, D 79.6
FEBO4	16 26 23 Tonga 23.47 S 175.07 W, 89km, m 4.7 ISC
PRU	ePKHKP 16 46 11.5, eiPKP2 46 24, D 152.5
KHC	eiPKHKP 16 46 13.5, D 153.5
FEBO4	17 43 22 Kurile Isl. 43.28 N 147.49 E, 16km, m 4.2 ISC
PRU	eP 17 55 23, D 78.4
KHC	eiP 17 55 29, D 79.5
FEBO4	19 17 36.8 Tonga 20.8 S 174.07 W, 34km, m 4.7 ISC
PRU	eiPKHKPC. 19 37 25.5, D 150.0
KHC	eiPKHKPC. 19 37 28.5, D 151.0
FEBO4	19 32 14.5 Tonga 20.6 S 174.00 W, 33km, m 4.5 ISC

PRU KHC	ePKHKP 19 52 03, D 149.9 eiPKHKP 19 52 05.5, D 150.9
FEBO5 KHC	02 28 49 France 46.58 N 5.75 E, BCIS ePg 02 30 39, eiSg 31 54, D 5.9
FEBO5 PRU KHC	09 28 23 Ryukyu Isl. 25.93N 128.15 E, 57km, m 4.9 ISC eP 09 40 50, D 84.3 eiP 09 40 57, D 85.3
FEBO5 KHC PRU	11 17 40.1 Sicily 37.99 N 12.8 E, 33km, m 4.3 ISC eP 11 20 18, ei 20 28, D 11.2 eP 11 20 33, D 12.1
FEBO5 KHC	13 34 11 E. Caucasus 40.87N 48.07 E, 29km, m 4.6 ISC eP 13 39 37.5, D 25.6
FEBO6 PRU KHC	09 45 43.0 Kamchatka 55.01 N 161.98 E, 37km, m 4.6 ISC eiP 06 57 05, D 71.9 eiP 06 57 11, D 72.9
FEBO6 PRU KHC	09 47 54.0 Kamchatka 55.00 N 161.99 E, 35km, m 4.8 ISC eiP 09 59 14.8 (1.0s 23mu), m 5.3 D 71.9 eiP 09 59 21.5 (1.2s 38mu), m 5.4, D 72.9
FEBO6 KHC	11 19 25.8 Chile 28.47 S 70.88 W, 43km, m 5.5 ISC ePP 11 38 03, D 107.6
FEBO7 KHC PRU	00 22 28.7 Marianas 21.60 N 142.95 E, 304km, m 5.2 ISC ePP 00 39 13, D 96.4 ePP 00 39 15, D 95.4
FEBO7 KHC	03 01 50 Italy 44.2 N10.6 E, BCIS eSn 03 04 12, D 7.3
FEBO7 KHC	08 35 30.9 Oregon 43.65 N 127.23 W, 33km, m 4.9 ISC e 08 47 52, D 81.4

FEBO7 KHC PRU	KHC ei 09 59 51.5, eiSg 10 00 10 PRU iPg 09 59 52, iSg 10 00 09.5, (D 1.4)
FEBO7 PRU KHC	12 15 14.1 Japan 42.89 N 146.96 E, 18km, m 4.6 ISC eP 12 27 14, D 78.6 eP 12 27 22, D 79.6
FEBO7 KHC PRU	13 10 51.8 S. of Fiji 25.37 S 179.71 E, 485km, m 4.5 ISC ePKIKP 13 29 46, eiPKHKP 29 54.5, eiPKP2 30 11.5, D 153.9 ePKHKP 13 29 54, eiPKP2 30 07.5, D 152.9
FEBO7 KHC PRU	KHC ePg 13 41 27, eiSg 41 37.5, (D 0.82) PRU iPg 13 41 34.5, ei 41 50.5, eiSg 41 52, (D 1.4)
FEBO7 KHC PRU PRA	22 22 19.0 Dodecanese Isl. 36.65N 26.74 E, 153km, m 5.0 ISC iPC. 22 25 54.5 (1.0s 296mu), ei 26 29, eiScP 34 03, m 5.4, D 15.7 iPC. 22 25 57.6 (1.0s 129mu), ei 26 15, ei 26 41, eiScP 34 04.5 m 5.0, D 16.0 eiPC. 22 25 59.1 (PV: 2.8s 1.4u), Lm 31.4 (LH: 7.5s 0.9u), MPV 5.8, D 16.1
FEBO8 PRU	11 01 Explosion of 8.6 Tons: Czechoslovakia 50.60 N 15.92 E PRU ePg 11 01 10.2, eSg 01 25, D 1.1
FEBO8 KHC PRU	10 58 23 Arabian Sea 14.56 N 54.03 E, 48km, m 5.1 ISC eiP 11 06 56, D 47.8 eiP 11 06 57.5 (2.4s 125mu), m 5.6, D 47.7
FEBO8 PRU KHC	PRU iPg 11 27 08.2, i 27 13.7, eiSg 27 26.7, Lm 27 33, (D 1.4) KHC iPg 11 27 19.0, iSg 27 45, (D 2.0)
FEBO8 PRU KHC	12 04 10.9 Kurile Isl. 43.03 N 147.29 E, 34km, m 4.9 ISC eiP 12 16 11.2, eiPcP 16 23, D 78.6 eiP 12 16 17, eiPcP16 25, D 79.6
FEBO8 KHC PRA PRU	12 28 26 Arabian Sea 14.60 N 54.07 E, 84km, m 5.3 ISC eiP 12 36 54, ei 38 29, D 47.7 eP(D) 12 36 56 (PV: 4s 1.7u), ePP 38 53.5, eS 43 57, Lm 13 02.7 (LH: 11s 1.6u, LV: 12s 1.3u), M 5.2, MPV 6.5, D 47.8 eiP 12 36 56.6 (2.7s 208mu), e 37 10, eiPP 38 50, eiS 43 56 (SH: 9s 3.2u, SV: 9s 1.2u), eSS 47 18, eL 52, Lm 13 02 (LH: 17s 3.7u), m 5.7, M 5.4, MSH 6.2, D 47.7

FEB08	PRA e 12 48 52 PRU iPg 12 48 52.6, iSg 48 57.1, Lm 49 04, (D 0.36) KHC ePg 12 49 04, eiSg 49 21, (D 1.2)
FEB08 KHC	14 47 28.6 Congo 2.47 S 23.8 E, 33km ISC eiP 14 56 37, D 52.2
FEB08 PRU KHC	23 00 30.3 Kurile Isl. 44.41 N 151.87 E, 41km, m 4.6 ISC eP 23 12 36, D 78.9 eP 23 12 38, D 80.0
FEB09	KHC eiPg 12 12 47, eiSg 13 08, (D 1.5)
FEB09 PRU PRA KHC	13 22 54.5 Rumania 45.61 N 26.42 E, 128km, m 4.6 ISC eiPD. 13 25 03.8 (1.2s 66mu), ei 25 39.5, ei 26 14, D 9.1 eP 13 25 05, D 9.2 eiPD. 13 25 08.5 (1.3s 107mu), D 9.4
FEB09 PRU KHC	15 33 06.1 Komandorsky Isl. 53.44 N 169.64 E, 33km, m 5.3 ISC eP 15 44 46, D 74.8 eiP 15 44 51.5, D 75.8
FEB09 PRU KHC	16 35 41.4 Loyalty Isl. 23.07S 170.99E, 93km, m 4.7 ISC eiPKHKPD. 16 55 16.8, ei 55 38.8, D 147.4 eiPKHKPD. 16 55 19, D 148.4
FEB09 PRU KHC	18 06 27.7 Tonga 22.88 S 174.83 W, 50km, m 4.9 ISC eiPKHKP 18 26 21, D 152.0 eiPKHKP 18 26 23.7, eiPKP2 26 32.5, D 153.0
FEB09 PRU KHC	19 11 04.5 Poland 50.27 N 18.98 E, m 2.5 WAR ePn 19 11 51, i 12 16, eiSg 12 36, D 2.9 ei 19 12 24, eiSn 12 43, eiSg 13 00, D 3.7
FEB09 KHC	20 46 45.1 S. Indian Ocean 14.0 S 82.4 E, 33km, m 4.7 ISC eP 20 59 29, D 87.2
FEB10	PRU iPg 08 32 54.5, eiSg 33 11, (D 1.3)
FEB10	09 36 Explosion of 9.2 Tons: Czechoslovakia 50.17 N 14.40 E PRU

PRA PRU KHC	ePg 09 36 54, D 0.10 iPg 09 36 55.5, eiSg 36 59, Lm 37 02.5, D 0.20 eiPg 09 37 12, eiSg 37 29, D 1.2
FEB10 PRU PRU KHC	10 00 02.0 Kurile Isl. 45.95 N 152.25 E, 55km, m 5.7 ISC eiPC. 10 11 53.8, D 77.6 iPC. 10 11 54.4 (1.5s 191mu), ei 12 14, ePP 14 48, m 6.0, D 77.6 iPC. 10 12 00.0 (1.5s 228mu), ei 12 18.5, m 6.1, D 78.7
FEB10 PRU KHC	17 03 03 Kashmir-Tibet 34.12 N 78.54 E, 29km, m 4.9 ISC eP 17 11 47, D 48.6 eiP 17 11 52, D 49.3
FEB10 PRU KHC	20 08 42 New Hebrides 14.6 S 166.6 E, 11km, m 4.7 ISC ePKIKP 20 28 13, D 138.0 ePKIKP 20 28 13, D 139.1
FEB11 PRU KHC	05 33 24.3 Aleutian Isl. 52.16 N 171.47 W, 76km, m 4.4 ISC eP 05 45 17, D 78.1 eiP 05 45 22, D 79.0
FEB11 PRU KHC	12 14 08.9 Bonin Isl. 27.98 N 139.56 E, 515km, m 4.7 ISC eiP 12 26 06.5, D 88.4 eiP 12 26 10.6, eiPP 28 07.5, D 89.4
FEB11 PRU KHC	20 38 27 Kashmir-Tibet 34.15 N 78.70 E, 24km, m 5.1 ISC eiP 20 47 11.5, eiPP 49 08.5, D 48.7 eiP 20 47 16.6, D 49.4
FEB12 KHC	02 44 55.8 Gulf of Alaska 57.28 N 149.77 W, 33km, m 4.1 ISC eiP 02 56 25, D 73.1
FEB12 PRU KHC PRA	05 44 45.1 New Ireland 5.54 S 153.36 E, 46km, m 6.2 ISC eiP 06 00 17.7, ei 00 31, eiPKIKP 06 03 40.8 (1.7s 382mu), ei 03 52.8, ei 04 52, eiPP 05 28, eiSKKS 12 16, eiPKKP 13 16, eiSP 15 10, eiSS 22 01, Lm 57.3 (LH: 27s 150u, LV: 27s 83u), M 6.2, D 123.8 eiP 06 00 21, eiPKIKP 03 42 5, eiPP 05 27, D 124.9 ePKIKP 06 03 42, ePP 05 31, ePPP 08 17, ePKKP 13 26, ePS 19 22, ePPS 16 46, Lm 57.5 (LH: 20.5s 96u, LV: 24s 162u), M 7.4, D 123.8

FEB12	07 36 38.4 Tonga 18.28 S 173.01 W, 26km, m 4.7 ISC
PRU KHC	eiPKPC. 07 56 23.3, ei 56 44, D 147.8 eiPKHKP 07 56 25.5, D 148.8
FEB12	07 48 37.0 S. of Fiji 22.7 S 179.8 E, 33km, m 4.9 ISC
PRU	eiPKIKP 08 08 18.2, D 150.4
FEB12	10 18 50 Ionian Sea 37.96 N 17.87 E, 10km, m 5.2 ISC
KHC PRU	eiP 10 21 36.7 (1.0s 62mu), ei 23 35, D 11.6 eiP 10 21 46, eiPP 21 57.2, eiS 23 57.5, ei 24 13.5, D 12.3
FEB12	16 26 04 Sicily 37.8 N 12.98 E, 27km, m 4.5 ISC
KHC PRU PRA	eiP 16 28 45.5, D 11.3 eiP 16 28 57.5, ei 29 44, eL 32.5, Lm 33.5 (LH: 12s 1.8u), M 4.3, D 12.2 Lm 16 34, D 12.2
FEB13	02 12 31 Banda Sea 5.47 S 131.20 E, 61km, m 5.4 ISC
KHC	ePKIKP 02 31 01, ei 31 29.5, D 112.0
FEB13	PRU e 12 02 35, eiSg 02 59 KHC ePg 12 02 44, eiSg 03 14, (D 2.4)
FEB13	14 06 18.7 New Ireland 5.46 S 153.16 E, 44km, m 4.7 ISC
PRU KHC	ePKIKP 14 25 14.5, D 123.7 eiPKIKP 14 25 16.5, D 124.7
FEB13	15 26 41.3 Kurile Isl. 43.21 N 146.68 E, 43km, m 4.6 ISC
PRU KHC	eiP 15 38 38.7, D 78.2 eiP 15 38 43.5, D 79.3
FEB13	17 22 40.2 Poland 50.37 N 18.85 E, m 2.5 WAR
PRU KHC	eSg 17 24 13, D 2.8 eSn 17 24 17, ei 25 11, D 3.6
FEB14	04 09 45 Kurile Isl. 43.21 N 147.7 E, 43km, m 4.3 ISC
PRU KHC	eP 04 21 45, D 78.6 eiP 04 21 50, D 79.6
The operation of the station PRU was interrupted from Feb.14 to Feb.16 because of repairs of the electricity network.	

FEB14	KHC ePg 12 00 17.5, eiSg 00 52, (D 2.6)
FEB15	00 11 39 Kurile Isl. 43.0 N 147.7 E, 85km ISC
KHC	eP 00 23 40, D 79.8
FEB15	02 42 46.1 Aleutian Isl. 52.14 N 171.40 W, 49km, m 5.2 ISC
KHC	eiP 02 54 46, D 79.0
FEB15	KHC iPg 11 59 25.5, eiSg 59 43.5, (D 1.4)
FEB15	KHC eiPg 13 12 37, eiSg 12 55.5, (D 1.4)
FEB15	13 30 Explosion of 8.7 Tons: Czechoslovakia 50.08 N 16.35 E PRU
KHC	eiPg 13 30 10, eiSg 30 38, D 2.0
FEB15	15 45 02.3 Kurile Isl. 47.01 N 153.40 E, 44km, m 4.9 ISC
KHC	eiP 15 56 58.2, D 78.1
FEB15	22 52 54.2 N. of Ascension Isl. 1.88 S 12.77 W, 33km, m 5.0 ISC
KHC	eiP 23 02 29.4, eiPP 04 28, D 55.7
FEB16	KHC eiPg 11 32 19, eiSg 32 34.5, (D 1.2)
FEB16	14 23 42.4 Sea of Okhotsk 49.62 N 147.85 E, 578km, m 4.7 ISC
PRU KHC PRA	eiPD. 14 34 15.2 (0.7s 29mu), iP 36 18.7, m 4.8, D 73.0 eiPD. 14 34 21, eiP 36 21.5, ei 36 25, D 74.1 epP 14 36 20, D 73.0
FEB16	20 37 09.9 Kurile Isl. 44.24 N 148.86 E, 41km, m 4.5 ISC
PRU KHC	eP 20 49 09, D 78.1 eiP 20 49 12, D 79.1
FEB17	08 30 Explosion of 7.7 Tons: Czechoslovakia 50.68 N 14.67 E PRU
PRU PRA KHC	eiPg 08 30 19.5, i 30 21.5, i 30 33.5, D 0.70 e 08 30 32, D 0.63 eiPg 08 30 37, ei 30 52, D 1.7
FEB17	13 59 Explosion of 10.8 Tons: Czechoslovakia 49.55 N 14.23 E PRU

PRU KHC PRA	iPg 13 59 10.0, iSg 59 16.5, Lm 59 20, D 0.48 eiPg 13 59 12.5, eiSg 59 21.5, D 0.60 e 13 59 22, D 0.54
FEB18 KHC	04 35 50 Switzerland 45.5 N 7.1 E BCIS eiPg 04 37 32.5, D 5.7
FEB18 KHC	09 29 27.5 Banda Sea 7.22 S 125.96 E, 471km, m 5.1 ISC ePP 09 47 50, ei 49 56.5, D 110.0
FEB18 KHC	20 16 45.4 New Britain 6.86 S 153.67 E, 40km, m 4.5 ISC eiPKIKP 20 35 45.5, D 126.1
FEB19 PRU KHC	00 24 55.0 S. of Fiji 23.2 S 176.1 W, 42km, m 4.6 ISC ePKHKP 00 44 48, D 152.0 ePKHKP 00 44 51, D 153.0
	Feb.19 - Feb. 22 Kirnos seismograph at the station PRU out of work.
FEB19 KHC	02 19 56 New Ireland 5.11 S 153.06 E, 43km. ISC ePKIKP 02 38 53.5, D 124.6
FEB19	KHC eiPg 10 52 12.5, eiSg 52 27.5, (D 1.2)
FEB19 PRA PRU KHC	13 55 10.7 New Ireland 5.55 S 153.18 E, 55km, m 5.4 ISC ePKIKP 14 14 04, D 123.8 ePKIKP 14 14 05, ePP 15 51, e 23 53, D 123.8 eiPKIKP 14 14 07.2, D 124.8
FEB19 KHC	07 06 51.8 Poland 50.35 N 18.85 E, m 2.3 WAR eSg 17 08 46, D 3.6
FEB19 KHC PRU PRA	22 45 42.4 Aegean Sea 39.40 N 24.94 E, 7km, m 6.0 ISC eiP 22 48 42.5, D 12.7 eiP 22 48 47 (3.5s 829mu), ei 50 44, e(S) 51 19, e 51 45, eR 52 28, Lm 55 (LH: 13s 620u), M 6.9, D 12.9 Amplitudes taken from Anderson-Wood seismograph. iPC.N.W. 22 48 49.8, D 13.0
FEB19	23 53 51.0 Aegean Sea 39.55 N 25.3 E, 33km, m 4.6 ISC

KHC	eP 23 56 56, D 12.7
FEB20 KHC PRU	00 39 15.7 Aegean Sea 39.73 N 25.37 E, 37km, m 5.0 ISC eiP 00 42 13, ei 42 46, D 12.6 eP 00 42 25, e 43 23, D 12.8
FEB20 KHC PRU	02 21 52 Aegean Sea 39.54 N 25.45 E, 8km, m 5.0 ISC eiP 02 24 56, eiPP 25 08, ei 28 46, D 12.8 eiP 02 25 06, ei 25 55, D 13.0
FEB20 PRU KHC	05 06 07 Kodiak Isl. 58.35 N 151.76 W, 0km, m 5.0 ISC eiP 05 17 32, D 71.4 eiP 05 17 37.4, D 72.2
FEB20 KHC	06 15 46 Aegean Sea 39.3 N 25.5 E, 32km, m 4.4 ISC eP 06 18 48, D 13.0
FEB20 KHC PRU PRA	09 35 51.6 Aegean Sea 39.41 N 24.88 E, 33km, m 4.5 ISC eiP 09 38 48.5, D 12.6 eP 09 38 53, D 12.9 e 09 39 08, Lm 44 (LH: 10s 1.7u, LV: 10s 1.5u), M 4.4, D 12.9
FEB20 KHC PRU PRA	09 41 09.9 Aegean Sea 39.35 N 24.95 E, 33km, m 4.7 ISC eiP 09 44 08.5, D 12.7 eP 09 44 18, ei 44 46, D 12.9 e 09 44 26, Lm 49.5 (LH: 10s 3.7u, LV: 10s 3.6u), M 4.7, D 12.9
FEB20	PRU e 11 55 50, eSg 55 58.6 KHC eiPg 11 56 07.5, eiSg 56 29.5, (D 1.6)
FEB20	PRU eiPg 12 29 36.2, e 29 50 KHC eiPg 12 29 40, eSg 30 00, (D 1.5)
FEB20	PRU eiPg 13 01 42, eiSg 01 57.5, (D 1.2) KHC eiPg 13 01 44, eiSg 02 00, (D 1.2)
FEB20 KHC PRU PRA	16 50 44.8 Dodecanese Isl. 36.15 N 27.39 E, 64km, m 4.9 ISC eiP 16 54 32.5 (1.4s 119mu), m 4.8, D 16.4 eiP 16 54 37 (2.0s 125mu), ei 54 43.5, m 4.7, D 16.7 eP 16 54 38, Lm 17 02.5 (LH: 9s 2.2u, LV: 10s 2.8u), M 4.8, D 16.8

FEB20	17 30 36.4 Japan 41.17 N 142.55 E, 56km, m 4.6 ISC
PRU	eP 17 42 34, D 78.4
KHC	eiP 17 42 39, D 79.5
FEB20	21 05 23.6 Aegean Sea 39.25 N 25.05 E, 33km, ISC
KHC	eP 21 08 22, D 12.8
FEB20	21 18 10.5 Aleutian Isl. 52.25 N 171.41 W, 56km, m 4.4 ISC
KHC	eP 21 30 10, D 78.9
FEB21	23 51 38.6 Japan 32.04 N 130.68 E, 0km, m 4.8 ISC
KHC	eiP 00 04 05, D 81.7
FEB21	01 00 41.9 Greece 40.6 N 21.0 E, 0km, ISC
KHC	eP 01 03 09, D 10.0
FEB21	01 44 55.0 Japan 32.01 N 130.59 E, 31km, m 5.0 ISC
PRU	eP 01 57 07, ei 57 25, D 80.7
KHC	eP 01 57 12, ei 57 29.5, D 81.7
PRA	Lm 02 31.3 (LH: 16s 1.2u), M 6.3, D 80.7
FEB21	06 18 21.8 Aleutian Isl. 52.33 N 175.41 W, 110km, m 5.1 ISC
KHC	eP 06 30 13, eipP 30 39, D 78.6
PRU	epP 06 30 34, D 77.7
FEB21	06 21 04.4 Aleutian Isl. 52.25 N 175.38 W, 116km, m 5.3 ISC
PRU	eP 06 32 50, eipP 33 16.2, D 77.8
KHC	eiP 06 32 54.5, eipP 33 21, D 78.9
FEB21	08 57 52 Banda Sea 4.06 S 128.56 E, 41km, m 5.3 ISC
KHC	eiPKIKP 09 16 20.5, D 109.3
FEB21	12 34 48 Philippine Isl. 6.95 N 126.83 E, 86km, m 5.2 ISC
PRU	eP 12 48 20, D 98.7
KHC	eiP 12 48 24, D 99.6
FEB21	15 30 00 Explosion "KNOX": Nevada 37.12 N 116.05 W USAEC, m 5.8 ISC
PRA	eP 15 42 27, D 82.8
PRU	eiPC. 15 42 27.2 (1.3s 77mu), m 5.8, D 82.9
KHC	eiPC. 15 42 28.2 (1.5s 87mu), ei 43 18.5, m 5.8, D 83.2

FEB21	17 14 31.1 Greece 38.50 N 20.03 E, 44km ISC
KHC	eP 17 17 16, ei 18 30, D 11.6
PRU	eP 17 17 24, D 12.1
FEB21	19 08 39.5 Aleutian Isl. 51.44 N 176.18 W, 48km, m 4.7 ISC
KHC	eP 19 20 43, D 79.5
FEB21	19 30 05.3 Aleutian Isl. 51.56 N 176.10 W, 63km, m 4.7 ISC
KHC	eP 19 42 07, ei 44 33, D 79.4
FEB21	19 27 27.0 Kermadec Isl. 30.28 S 179.00 W, 196km, m 5.2 ISC
KHC	eiPKIKP 19 47 00, iPKP2 47 38.0, D 158.9
PRU	ePKHKP 19 47 11.7, eiPKP2 47 34.2, D 157.8
FEB21	20 41 42 Aegean Sea 38.7 N 26.5 E, m 4.1 LAO
KHC	eP 20 44 15.5, D 14.0
FEB21	21 07 58.7 Aleutian Isl. 51.45 N 176.05 W, 61km, m 5.2 ISC
PRU	eP 21 19 55, ei 20 11, D 87.5
KHC	eP 21 20 00, D 79.5
PRA	Lm 22 06.5 (LN: 13s 0.9u, LV: 12s 0.9u), (M 5.3), D 78.5
FEB21	21 05 53.6 W. of Tonga 20.63 S 177.82W, 493km, m 5.1 ISC
PRU	ePKHKP 21 24 48, D 149.1
KHC	ePKHKP 21 24 49.5, epPKP2 26 51, D 150.1
FEB22	02 16 39 Aegean Sea 39.66 N 25.72 E, 6km, m 4.5 ISC
KHC	eiP 02 19 45.5, D 12.8
FEB22	02 01 44.0 New Zealand 44.49 S 167.87 E, 33km, m 5.7 ISC
PRU	ePKIKP 02 21 40, eiPKP2 22 28, D 161.1
KHC	eiPKIKP 02 21 44.6, eiPKP2 22 31, D 161.8
PRA	ePKP2 02 22 29, D 161.1
FEB22	04 57 47 Aegean Sea 39.39 N 25.02 E, 19km, m 4.7 ISC
KHC	eiPD. 05 00 48.4, D 12.7
PRU	e(P) 05 01 01, D 12.9
FEB22	06 54 15 E. Mediterranean Sea 35.29 N 29.0 E, 90km ISC
KHC	eiP 06 58 18.5, D 17.9

PRU	eP 06 58 24, D 18.1
FEB22	09 13 49.CS. of Fiji 21.92 S 179.77 E, 581km, m 4.7 ISC
PRU KHC	eiPKHKP 09 32 34.5, D 149.7 eiPKHKP 09 32 36, D 150.7
FEB22	PRU eiPg 12 04 10.5, eiSg 04 27.5, (D 1.4)
FEB22	10 19 07 Japan 32.00 N 130.66 E, 7km, m 4.9 ISC
PRA	Lm 11 11 (LH: 14s 2.9u, LV: 14s 3.0u), M 5.8, D 80.7
FEB22	12 22 50 Albania 41.7 N 20.13 E, 46km ISC
KHC PRU	eiP 12 24 54, ei 26 37.5, D 8.7 e 12 25 07, e 26 14, e 27 02, D 9.2
FEB22	12 34 11 Albania 41.5 N 20.0 E, 33km ISC
KHC	eiPC. 12 36 20, ei 38 03, ei 38 24.5, D 8.9
FEB22	15 29 03.3 Albania 41.58 N 19.85E, 33km ISC
KHC	eiP 15 31 10, D 8.7
FEB22	17 46 57.9 Aleutian Isl. 51.44 N 176.41 W, 50km, m 5.2 ISC
PRU KHC	eP 17 58 56, D 78.5 eP 17 58 58, eiPcP 59 03.5, ei 59 32.5, D 79.5
FEB23	02 13 27 Loyalty Isl. 22.32 S 170.16 E, 35km ISC
PRU KHC	ePKIKP 02 33 05, D 146.4 eiPKIKP 02 33 07, D 147.4
FEB23	KHC ePg 11 30 28.5, eiSg 30 44.5, (D 1.2)
FEB23	14 23 01.9 Brazil 6.3 S 38.23 W, 33km, m 4.4 ISC
KHC PRU	eiP 14 34 21, D 71.3 eP 14 34 28, D 72.3
FEB23	KHC ePg 14 39 21.5, eiSg 39 38.5, (D 1.3) PRU e 14 39 48, eSg 40 05
FEB23	21 21 54 Switzerland 47.0 N 9.7 E BCIS
KHC	ePn 21 22 46, eiPg 22 55, eiSn 23 27.5, eiSg 23 39, D 3.4

PRU	ePg 21 23 17, eSg 24 14, D 4.4
FEB24	01 11 12.0 S. of Kermadec Isl. 32.61 S 177.47 W, 21km, m 5.4 ISC
KHC PRU	eiPKIKP 01 31 10.7, ei 31 37.5, D 161.5 eiPKP2 01 31 51.5, ei 32 15, D 160.5
FEB24	03 46 52 Unimak Isl. 53.77 N 163.50 W, 7km, m 4.3 ISC
KHC	eiP 03 58 49.5, D 77.4
FEB24	03 51 03.7 Tonga 20.82 S 173.94 W, 33km, m 4.6 ISC
PRU KHC	eiPKHKP 04 10 53.5, D 150.1 eiPKHKP 04 10 55.5, D 151.1
FEB24	07 45 Explosion of 11.9 Tons: Czechoslovakia 50.90 N 15.07E PRU
PRU KHC	iPg 07 45 29.0, iSg 45 44.5, D 0.97 iPg 07 45 44.0, iSg 46 13.5, D 2.0
FEB24	12 55 03 Albania 41.44 N 20.18 E, 24km, m 4.5 ISC
KHC	eiP 12 57 14, eiS 58 56, D 9.0
FEB24	13 23 54.5 Rumania 45.74 N 26.55 E, 142km, m 4.2 ISC
PRU PRA	eiPD. 13 26 04 (1.0s 23mu), m 4.8, D 9.1 eP 13 26 08.6 (1.2s 63mu), ei 26 36.5, D 9.4
FEB24	15 24 30 Japan 34.20 B 139.32 E, 6km, m 5.0 ISC
PRU KHC	eP 15 36 58, D 83.0 eiP 15 37 02.5, D 84.0
FEB24	15 34 20 Japan 34.23 N 139.20 E, 14km, m 5.2 ISC
PRU KHC	eP 15 46 46, D 82.9 eiPD. 15 46 51.5, D 84.0
FEB24	16 01 33.3 Japan 34.31 N 139.14 E, 10km, m 5.0 ISC
PRU KHC	eP 16 14 02, D 82.8 eiP 16 14 05, D 83.9
FEB24	16 49 47.4 Japan 34.22 N 139.22 E, 20km, m 4.8 ISC
PRU	eP 17 02 13, D 82.9

FEB24	17 04 01 Germany 47.92 N 9.33 E STU
KHC PRU	iPg 17 05 01.5, ei 05 27, iSg 05 40, D 3.1 e 17 05 56, eSg 06 10, D 4.0
FEB25	08 02 53.7 Austria 47.60 N 15.77 E, 0km ISC
KHC PRU PRA	eiPg 08 03 32.5, ei 03 55.5, eiSg 03 59.5, D 2.1 eiPn 08 03 39, i 03 42, eiPg 03 44, ei 04 09, iSg 04 15.5, Lm 04 20 (LH: 2s 1.8u), M 3.5, D 2.5 e 08 03 53, e 04 06, eiL 04 23.8, D 2.6
FEB25	10 25 56.5 Japan 45.14 N 142.24E, 271km, m 5.1 ISC
PRU PRA KHC	eiPD. 10 37 10 (0.8s 97mu), ei 37 21, m 5.6, D 74.9 eP 10 37 11, D 74.9 iPD. 10 37 16.5 (1.0s 129mu), ei 37 33, m 5.6, D 76.0
FEB25	12 43 51 Sumatra 3.88 N 95.69 E, 51km, m 5.0 ISC
PRU KHC	eP 12 56 05, e 56 16, D 81.3 eP 12 56 08, ei 56 19, D 81.9
FEB25	15 40 44 Algeria 36.55 N 5.31 E, 20km, m 4.8 ISC
KHC PRU PRA	eiP 15 44 03, D 14.0 ei(P) 15 44 24, e 45 37, Lm 50 (LH: 16s 1.7u), M 4.2, D 15.0 e(P) 15 44 26, Lm 50.5 (LH: 15.5s 2.1u), M 4.5, D 15.0
FEB25	18 08 19.3 Aleutian Isl. 51.37 N 176.04 W, 43km, m 5.4 ISC
PRU KHC	eiP 18 20 18, e 21 05, ePP 23 15, eL 50, Lm 56 (LH: 20s 1.3u), M 5.3, D 78.6 eiP 18 20 24.0, ei 21 26, D 79.5
FEB25	20 00 31.4 Japan 37.63 N 141.51 E, 65km, m 5.4 ISC
PRU PRA KHC	eiPC. 20 12 40.5 (1.0s 54mu), m 5.2, D 81.0 eP 20 12 42, D 81.0 iPC. 20 12 47.1 (1.1s 75mu), ei 13 05, m 5.5, D 82.1
FEB26	09 28 52.8 Aleutian Isl. 52.67 N 172.47 E, 44km, m 5.1 ISC
PRU KHC	eiP 09 40 38, D 76.0 eiPC. 09 40 42.5 (1.2s 32mu), m 5.3, D 77.0
FEB26	10 39 07 Aleutian Isl. 51.25 N 174.51 E, 38km, m 4.6 ISC
PRU	eP 10 51 02, D 77.7
FEB26	10 50 15 Taiwan 22.76 N 121.47 E, 8km, m 6.0 ISC

PRA PRU	eiP 11 02 42.7, ePP 05 52, eS 13 00, eSPP 14 10, Lm 45.2 (LH: 12.5s 53u, LV: 13s 52u), M 7.2, D 83.1 ePC. 11 02 43 (1.5s 333mu, PH: 14s 4.9u, PV: 14s 6.6u), i 02 44.3, eiPP 05 54, eiS 12 58, eiPS 13 56, eSS 18 30, eQ 29, Lm 37 (LH: 20s 107u), m 6.4, M 7.2, MPH 6.9, MPV 6.7, D 83.1 eiP 11 02 47 (1.5s 307mu), eiPP 06 03, m 6.3, D 84.0
FEB26	13 38 46.5 Japan 41.97 N 142.24 E, 72km, m 4.7 ISC
PRU KHC	eiP 13 50 37, D 77.6 eiP 13 50 42.5 (0.7s 22mu), m 5.3, D 78.7
FEB26	KHC iPg 17 34 13, iSg 34 17, (D 0.31) PRU ePg 17 36 30, eiSg 34 45.5, (D 1.2)
FEB27	05 19 03 W. Caroline Isl. 12.19 N 140.69 E, 33km, m 5.6 ISC
PRU PRA KHC	eiP 05 33 07.5, e 36 22, eiPP 37 19, eSP 46 07, eSSP 51 50, eL 06 07, Lm 12 (LH: 27s 4.3u), M 5.8, D 102.2 eP 05 33 08, Lm 06 20, D 102.3 eiP 05 33 11 (1.5s 32mu), e 35 20, ei 36 14.5, D 103.3
FEB27	10 54 42 W. Caroline Isl. 12.22 N 140.74 E, 58km, m 5.5 ISC
PRU KHC PRA	eiPC. 11 08 33.2, e 12 05, ePPS 22 30, eL 45, Lm 58.6 (LH: 18s 3u), M 5.8, D 102.2 eP 11 08 37, ei 11 50, D 103.3 Lm 11 59, D 102.2
FEB27	13 37 45.4 Aegean Sea 39.61N 25.51 E, 35km, m 4.7 ISC
KHC PRU	eP 13 40 44, ei 41 10, D 12.8 eP 13 40 55, e 41 00, e 41 38, Lm 46 (LH: 11s 0.9u), M 4.0, D 13.0
FEB28	Explosion of 6 Tons: Czechoslovakia 50.51 N 14.00 E PRU
PRU KHC PRA	iPg 12 00 20.5, eiSg 00 28.5, D 0.70 ePg 12 00 34, eiSg 00 55.5, D 1.6 e 12 00 35, D 0.57
FEB28	12 08 01.8 Japan 32.95 N 137.85 E, 348km, m 5.7 ISC
PRU PRA KHC	eiPD. 12 19 52.5 (1.0s 68mu), eipP 21 11, eiPP 23 10, ePKPPKP 46 43, (PPP) 47 29, m 5.4, D 83.4 eP 12 19 54, epP 21 14, iS 22 42.5 (SH: 6.5s 6.6u), esS 32 08, eSS 35 20, Lm 13 00.5 (LH: 13s 2.5u, LV: 15s 3.9u), MSH 6.2, D 83.4 iPD. 12 19 56.6 (1.0s 65mu), eipP 21 17, e 38 18, e 47 37, m 5.4, D 84.4

FEB28	PRU ePg 12 54 57, eiSg 55 21, (D 1.8) KHC ePg 12 54 58.5, eiSg 55 27, (D 2.2)
FEB28	15 08 39.1 Mona Passage 19.38 N 67.77 W, 41km, m 4.2 ISC KHC eP 15 15 49.5, D 70.0
FEB29	03 58 20 Aleutian Isl. 52.82 N 171.10 E, 40km, m 4.4 ISC KHC eP 04 10 10, D 76.7
FEB29	05 18 30 Greece 38.11 N 20.23 E, 18km, m 4.2 ISC KHC eiP 05 21 21, ei 21 41.4, ei 23 53, D 12.0 PRU eP 05 21 26, e 23 21, D 12.5
FEB29	09 09 42.0 W. of Tonga 17.89 S 178.48 W, 562km, m 4.5 ISC PRU ePKIKP 09 28 20, D 146.3 KHC ePKIKP 09 28 23, D 147.4
FEB29	10 21 17.3 Solomon Isl. 6.99 S 155.78 E, 96km, m 4.9 ISC PRU ePKIKP 10 40 11, epPKP 40 28, D 126.3 KHC ePKIKP 10 40 13, eipPKP 40 29.5, D 127.3
FEB29	PRU e 12 00 17, eiSg 00 38 KHC eiPg 12 00 38, eiSg 00 59, (D 1.6)
FEB29	PRU eiPg 12 01 18, eiSg 01 36.5, (D 1.4)
FEB29	12 47 33.5 Aegean Sea 39.12 N 24.32 E, 18km, m 4.4 ISC KHC eiP 12 50 33.2, D 12.6
FEB29	PRU eiPg 15 15 48, eiSg 16 04, (D 1.2)
FEB29	15 46 19.0 Kamchatka 52.76 N 157.49 E, 160km, m 5.2 ISC PRU eiP 15 57 32 (1.5s 29mu), eipP 58 11, m 4.8, D 72.9 PRA eP 15 57 33, D 72.9 KHC eiPD. 15 57 38 (1.2s 44mu), eipP 58 16.2, m 5.1, D 74.0
FEB29	16 38 01 Kurile Isl. 46.4 N 152.9 E, 87km, m 4.1 ISC PRU eiP 16 49 40.6 (1.6s 35mu), m 5.0, D 77.4 KHC eiP 16 49 43, D 78.5

FEB29	23 36 05.4 New Hebrides 14.56 S 167.23 E, 156km, m 4.9 ISC KHC eiPKHKP 23 55 09, eiPKIKP 55 18.2, D 139.3 PRU ePKIKP 23 55 14, D 138.3
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MARO1	14 05 01 Explosion of 10 Tons: Germany 50.95 N 9.21 E HAN
KHC PRU	ePg 14 05 56, ei 06 04.2, D 3.4 eiPg 14 06 09, eiSg 06 54, D 3.5
MARO1	16 34 54 Nicaragua 11.77 N 85.59 W, 281km, m 4.6 ISC
KHC	eP 16 47 09.5, D 87.1
MARO1	22 06 44.3 N. Atlantic Ridge 14.63 N 45.04 W, 33km, m 4.6 ISC
KHC PRU	eiP 22 16 39, D 58.7 eP 22 16 51.5, D 59.5
MARO1	23 00 23 N. Atlantic Ridge 14.68 N 45.08 W, 9km, m 4.7 ISC
KHC PRU	eiP 23 10 22, D 58.6 eP 23 10 29, D 59.5
MARO2	03 14 45.1 Vancouver Isl. 49.16 N 129.25 W, 33km, m 5.1 ISC
PRU KHC	eP 03 26 38, D 76.5 eiP 03 26 38, D 77.0
MARO2	06 53 01 Yugoslavia 45.0 N 20.7 E, 0km ISC
KHC PRU PRA	eiPn 06 54 38, eiPg 55 13, ei 55 29, eiSg 56 34, D 6.4 e 06 54 48, eiSn 55 48, ei 56 15, eiSg 56 30, D 6.5 e 06 55 10, D 6.5
MARO2	PRU eiPg 09 55 11.5, eiSg 55 30, (D 1.4) KHC e 09 55 26, eiSg 55 58.5
MARO2	16 17 30.2 China 29.83 N 100.27 E, 31km, m 4.9 ISC
PRU KHC	eP 16 28 11, D 65.2 eP 16 28 13, eiPcP 28 48.2, D 66.0
MARO2	22 02 24.2 Chagos Archipelago 6.09 S 71.41 E, 28km, m 5.5 ISC
KHC PRU PRA	eiP 22 13 59.8 (1.1s 74.9mu), ei 15 05.4, m 5.6, D 74.4 eP 22 14 02, e 16 47, D 74.3 eP 22 14 04, D 74.4
MARO3	03 32 57.4 New Hebrides 19.35 S 169.48 E, 214km, m 4.8 ISC
PRU KHC	eiPKP 03 52 05, eiPP 55 26.5, D 143.5 eiPKP 03 52 08, eiPP 55 28.5, D 144.5

	The seismic vault of the station PRU without electricity from 3 to 4 March.
MARO3	08 26 00.6 Central America 3.50 N 84.00 W, 74km, m 4.7 ISC
KHC	eiP 08 39 06, D 92.3
MARO3	09 31 21.6 W. Pakistan 34.71 N 72.36 E, 43km, m 5.0 ISC
KHC	eP 09 39 34.5, eiPP 41 19, D 44.9
MARO3	17 30 59.7 Poland WAR
KHC	e 17 32 05, eiSg 32 58.5
MARO3	22 55 36.6 N. Celebes 1.57 N 122.53 E, 433km, m 5.5 ISC
KHC PRA	eiP 23 08 41, eipP 10 25.6, eiPP 13 00.2, eipPP 14 20, D 101.1 epP 23 10 20, epPP 14 17, ePS 21 59, ePPS 23 10, Lm 55.6, (LH: 16s 1.8u), D 100.3
MARO4	05 08 19.7 Zambia 9.71 S 32.6 E, 33km, ISC
KHC	eiP 05 18 37, D 60.9
MARO4	17 01 00.6 N. of Ascension Isl. 1.35 S 15.70 W, 25km, m 4.7 ISC
KHC	eiP 17 10 40, D 56.3
MARO4	23 37 54 Sicily 37.7 N 12.9 E, 0km ISC
PRU	eP 23 40 53, D 12.3
MARO5	23 47 15 Loyalty Isl. 22.2 S 170.8 E, m 3.7 NOU
PRU KHC	ePKP 00 06 50, D 146.6 eiPKP 00 06 53.4, D 147.6
MARO5	00 22 07.5 Unimak Isl. 53.84 N 163.42 W, 2km, m 4.8 ISC
PRU KHC	e 00 34 00, D 76.5 eiP 00 34 05 (1.2s 41mu), m 5.4, D 77.4
MARO5	00 30 58.2 Unimak Isl. 53.83 N 163.24 W, 34km, m 5.1 ISC
PRU KHC	eiPC. 00 42 46.5 (1.5s 24mu), eiPcP 42 56, m 5.1, D 76.5 ePC. 00 42 52.1 (1.5s 86mu), m 5.7, D 77.4
MARO5	01 45 05 Unimak Isl. 53.89 N 163.49 W, 37km, m 4.0 ISC

KHC	eP 01 57 59, D 77.3
MAR05	PRU ePg 13 42 51, eiSg 43 11, (D 1.5)
MAR05	14 36 44.1 Tonga 18.05 S 174.63 W, 157km, m 4.9 ISC
KHC	eiPKIKP 14 56 09.5, D 148.3
PRU	ePKHKP 14 56 11, eiPKP2 56 16.5, D 147.3
PRA	ePKHKP 14 56 12, D 147.2
MAR05	18 16 41 Philippines 9.64 N 126.23 E, 72km, m 5.4 ISC
PRU	eP 18 30 03, ei 30 23, e 41 30, eL 19 02, Lm 12.5 (LH: 20s 7.5u M 6.8, D 96.2
KHC	eiP 18 30 07, D 97.1
PRA	Lm 19 20 (LH: 16.5s 5.5u, LV: 17s 4.3u), M 6.2, D 96.2
MAR05	18 38 06.6 Philippines 9.56 N 126.20 E, 64km, m 5.6 ISC
PRU	eP 18 51 31, D 96.2
KHC	eiP 19 51 33.2, D 97.2
MAR05	21 20 52.2 Loyalty Isl. 21.87 S 170.77 E, 105km, m 4.9 ISC
PRU	eiPKP 21 40 22 (1.0s 46mu), eipPKP 40 45.5, D 146.3
PRA	ePKP 21 40 22, epPKP 40 50, D 146.3
KHC	eiPKIKP 21 40 22.5, ei 41 05, D 147.3
MAR06	00 12 33.5 Japan 36.10 N 139.92 E, 60km, m 5.0 ISC
PRU	eiP 00 24 47, D 81.7
KHC	eiP 00 24 52 (1.4s 33mu), m 5.2, D 82.7
MAR06	05 14 49 Aegean Sea 39.34 N 25.04 E, 0km, m 4.5 ISC
KHC	eP 05 17 52, D 12.8
MAR06	PRU eiPg 07 57 58.2, ei 57 59.7, eiSg 58 10.5, (D 1.1) KHC eiPg 07 58 04.5, eiSg 58 22.4, (D 1.3)
MAR06	08 25 42.2 Yugoslavia 46.7 N 14.0 E, 0km ISC
KHC	eiPn 08 26 22.5, eiSn 26 54, D 2.4
PRU	eiPn 08 26 36.7, eiPg 26 44.2, ei 27 06.8, eiSn 27 19.4, ei 27 24, D 3.2
MAR06	KHC ePg 09 33 11.5, eiSg 33 26.2, (D 1.1)

MAR06	KHC ePg 12 58 41, eiSg 58 59.3, (D 1.4) PRU e 12 58 52, ei 59 16.5, ei 59 32
MAR06	PRU ePg 13 00 54, eiSg 01 07, (D 1.0) KHC ePg 13 00 55, eiSg 01 11.5, (D 1.3)
MAR06	PRU iPg 13 30 08.5, ei 30 31.5, eiSg 30 35, (D 2.1)
MAR06	16 51 12.4 Sea of Okhotsk 48.18 N 196.43 E, 489km, m 4.7 ISC
PRU	eiP 17 01 58, D 73.8
KHC	eiPC. 17 02 03 (1.0s 19mu), m 4.6, D 74.9
MAR06	17 36 37 E. Mediterranean Sea 35.9 N 28.8 E, 42km ISC
KHC	eP 17 40 43, D 17.3
MAR07	00 21 43.5 Switzerland 46.39 N 7.48 E, 1km ISC
KHC	ePn 00 22 59.8, eiPg 23 18.5, eiSg 24 24.5, D 4.9
PRU	ePg 00 23 38, eiSg 24 56, D 5.9
PRA	e 00 25 03, D 6.0
MAR07	02 54 43.5 Japan 35.60 N 140.08 E, 53km, m 4.8 ISC
PRU	eP 03 07 02, e 07 18.6, D 82.1
KHC	eiP 03 07 05.5, D 83.2
MAR07	02 54 55 Fiji 15.92 S 178.56 E, 45km, m 5.1 ISC
KHC	eiPKP 03 14 27.4, D 144.7
MAR07	07 21 08.5 Jan Mayen Isl. 71.68 N 3.2 W, 32km, m 4.4 ISC
PRA	eP 07 26 14, D 23.1
PRU	eiP 07 26 14.7, D 23.2
KHC	eiPC. 07 26 20.8, D 23.9
MAR07	07 21 17.7 Jan Mayen Isl. 71.51 N 4.02 W, 0km, m 5.1 ISC
PRA	eP 07 26 26, eS 30 42, Lm 37.2 (LH: 13s 4.6u, LV: 13s 3.4u), M 5.1, D 23.1
PRU	iP 07 26 27.7 (PH: 6s 1.7u, PV: 6s 1.5u), e 28 17, eiS 30 44, (SH: 10s 4.5u), eQ 32 18, Lm 35 (LH: 20s 10u), M 5.3, MPH 5.8, MPV 5.7, MSH 5.9, D 23.2
KHC	iP 07 26 33.2, ei 29 26, D 23.9
MAR07	07 27 43.5 Jan Mayen Isl. 71.60 N 3.6 W, 33km, m 4.9 ISC
PRU	eiP 07 32 50, ei 33 24.7, D 23.2

PRA KHC	eP 07 32 53, D 23.1 eiP 07 32 54.6, D 23.9
MAR07	KHC eiPg 10 15 34, eiSg 15 52, (D 1.4) PRU e 10 15 49, ei 16 18.6
MAR07	13 05 14.9 Jan Mayen Isl. 71.57 N 3.5 W, 33km, m 4.3 ISC PRU iP 13 10 22.1, ei 10 26.5, D 23.2 KHC eiP 13 10 22.8, D 23.9
MAR07	13 22 17.1 New Britain 5.82S 151.04 E, 38km, m 5.4 ISC PRU ePKIKP 13 41 13, ePS 52 44, Lm 14 34 (LH: 22s 16u), M 6.7, D 122.9 KHC eiPKIKP 13 41 13.8, D 123.9 PRA Lm 14 34.3 (LH: 20s 12u, LV: 20s 12.6u), M 6.5, D 122.9
MAR07	14 33 41.0 Crete 35.21 N 25.74 E, 88km, m 4.3 ISC KHC eiP 14 37 29.8, D 16.5 PRU eP 14 37 32.5, D 16.9
MAR07	22 13 16.5 Poland 50.27 N 19.01 E, m 2.5 WAR PRU ePg 22 14 10.5, eiSg 14 48, D 2.9 KHC eiPg 22 14 27, eiSg 15 11.5, D 3.7
MAR08	04 01 06 France 47.3 N 5.3 E, 15km BCIS KHC ePg 04 02 54.5, eiSg 04 09, D 5.8 PRU eiPg 04 03 12, eiSg 04 37, D 6.7
MAR08	PRU eiPg 10 02 33.5, eiSg 02 57.5, (D 1.8) KHC e 10 02 42, eiPg 02 50, eiSg 03 20, (D 2.3)
MAR08	KHC eiPg 11 11 07, eiSg 11 19, (D 0.91) PRU iPg 11 11 12.5, iSg 11 27.5, (D 1.2)
MAR08	KHC eiPg 11 59 22.5, eiSg 59 29.5, (D 0.54) PRU eiPg 11 59 35, eiSg 59 49, (D 1.1)
MAR08	KHC eiPg 13 52 56.5, eiSg 53 19, Lm 53 30, (D 1.7)
MAR09	00 45 57 Nicobar Isl. 8.83 N 94.01 E, 3km, m 5.1 ISC PRU eP 00 57 51, ePP 01 00 36, D 76.5 PRA eP 00 57 52, ePcP 58 02, D 76.6 KHC eiP 00 57 52, eiPP 01 00 45, D 77.1

MAR09	03 19 22.8 Solomon Isl. 5.58 S 154.04 E, 76km, m 5.5 ISC
KHC PRU	eiPKIKP 03 38 15.5, D 125.2 eiPKIKP 03 38 17, D 124.2
MAR09	11 22 Explosion of 28.4 Tons: Czechoslovakia 50.58N 14.05 E PRU PRU eiPg 11 22 37.5, i 22 40.0, eiSg 22 46.5, Lm 22 58, D 0.67 PRA e 11 22 44, D 0.57 KHC eiPg 11 22 51.4, eiSg 23 11.5, D 1.5
MAR09	14 55 36 Greece 38.88 N 21.08 E, 6km ISC KHC eiP 14 58 23, D 11.6
MAR09	14 54 52.3 Alaska 62.48 N 151.27 W, 114km ISC KHC eP 15 05 41, D 68.1 PRU e(P) 15 05 51, D 67.3
MAR09	19 59 44.7 N. Atlantic Ridge 20.89 N 45.90 W, 33km, m 4.6 ISC KHC eiP 20 09 11.3, D 54.6
MAR09	20 59 51 Samoa 14.51 S 175.59 W, 130km, m 4.4 ISC KHC eiPKP 21 19 15.5, D 144.7
MAR09	22 36 23.2 W. of Tonga 21.43 S 179.06 W, 580km, m 4.4 ISC PRU eiPKHKP 22 55 07, D 149.5 KHC eiPKHKP 22 55 09.5, eipPKP 57 33, D 150.6
MAR09	23 13 06.1 N. Atlantic Ridge 20.9 N 46.01 W, 33km, m 4.5 ISC KHC eiP 23 22 36.5, D 54.7 PRU eP 23 22 42, D 55.4
MAR10	03 49 25.1 Aleutian Isl. 52.08 N 177.32 W, 7km, m 5.4 ISC PRU eP 04 01 24, ei 02 19, D 77.8 KHC eiP 04 01 29.2, ei 02 11, D 78.7
MAR10	06 48 17.1 Aegean Sea 39.10 N 24.36 E, 33km, m 4.5 ISC KHC eiP 06 51 15.5, ei 52 06.7, D 12.7 PRU eP 06 51 24, e 52 15, D 12.9
MAR10	07 10 59.0 Aegean Sea 39.13 N 24.23 E, Okm, m 5.0 ISC

KHC PRA	eiP 07 14 00.8 (1.4s 69mu), ei 15 48, ei 18 17, D 12.6 e(P) 07 14 14, e 15 37, e 17 06, Lm 20 (LH: 10.5s 19u, LV: 11s 11.2u), M 5.4, D 13.0
MAR10 PRU KHC	07 11 19.1 New Zealand 36.28 S 179.48 E, 46km, m 5.6 ISC eiPKIKP 07 31 14, D 162.5 eiPKIKP 07 31 15, eiPKP2 32 07, ei 35 52.4, D 163.5
MAR10 KHC	08 05 22.2 Aegean Sea 39.05 N 24.5 E, 0km ISC eP 08 54 16.5, D 12.8
MAR11 PRA PRU KHC	08 26 30.0 Tonga 16.13 S 173.95 W, 87km, m 5.9 ISC iPKPD. 08 45 59.1 (PV: 6s 9.0u), ePP 49 20, D 145.5 eiPKPD. 08 46 01, eisPKP 46 29.5, ePP 49 19, D 145.5 eiPKPD. 08 46 01, ipPKP2 46 31.2, D 146.5
MAR11 KHC	17 32 46.9 Aegean Sea 39.50 N 25.56 E, 0km, m 4.7 ISC eP 17 35 46, D 12.9
MAR11 KHC	18 25 15.8 Aleutian Isl. 52.05 N 178.25 E, 141km, m 5.0 ISC eP 18 37 01, ei 37 39.5, D 78.4
MAR12 KHC PRU	09 32 13.2 Caribbean Sea 13.15 N 72.30 W, 58km, m 5.3 ISC eiP 09 44 07, eiPcP 44 17, D 77.5 eP 09 44 10.5, e 44 29, D 78.0
MAR12 PRU KHC	11 56 08.6 Samoa 17.0 S 172.9 W, 33km, m 4.2 ISC eiPKP 12 15 47.5, e 15 56, D 146.5 eiPKP 12 15 50.2, D 147.5
MAR12 PRU KHC	13 01 Explosion of 7.2 Tons: Czechoslovakia 49.71N 17.36 E PRU ePg 13 01 04.6, ei 01 31, D 1.9 e 13 01 20, eSg 01 49.5, D 2.5
MAR12 PRA KHC	PRU iPg 13 35 45, iSg 35 47, Lm 35 48, (D 0.12) PRA e 13 35 47, ei 35 50.3 KHC eiPg 13 36 03.5, eiSg 36 19, (D 1.1)
MAR12 KHC PRU	KHC e 14 34 24, eiPg 34 30.3, ei 35 02, eiSg 35 06.2, (D 2.8) PRU eiPg 14 34 26.5, iSn 34 46, ei 34 53.5, eiSg 34 59, (D 2.6)

MAR12 KHC PRU	14 54 58 Pyrenees 42.8 N 0.7 W, 96km ISC e 14 59 33, eiS 15 00 15, ei 01 12, D 11.8 e 15 01 30, D 12.7
MAR12 PRU KHC	18 23 34.5 Fiji 15.07 S 176.53 W, 33km, m 5.2 ISC ePKP 18 43 08, ei 43 11.7, D 144.0 eiPKP 18 43 09.5, i 43 11.0, D 145.0
MAR12 KHC PRU	18 59 21.5 S. of Fiji 24.29 S 179.00 E, 514km, m 4.4 ISC eiPKIKP 19 18 12.5, eiPKP2 18 32, eipPKP2 20 28, D 152.7 eiPKHKP 19 18 17.6, eipPKP2 20 26.5, D 151.6
MAR12 KHC PRU PRA	19 57 46 N.Italy 44.0 N 12.0 E BCIS ePn 19 59 02.7, eiPg 59 20.5, eiSn 59 54, eiSg 20 00 26.4, D 5.3 ePn 19 59 25, ei 59 41.5, ei 20 00 19, eiSn 00 39, e 00 54, D 6.2 e 20 01 04, e 01 06, D 6.3
MAR12 PRU KHC	PRU eiPg 20 12 08, ei 12 13 KHC ePg 20 12 17, eiSg 12 32.5, (D 1.1)
MAR12 PRU KHC	21 24 27.7 New Britain 6.09 S 150.16 E, 47km, m 4.9 ISC ePKIKP 21 43 20, D 122.6 eiPKIKP 21 43 22, D 123.6
MAR13 PRU KHC	00 53 42 Turkey 39.48 N 40.4 E, 71km ISC eiP 00 58 20.5, D 21.0 eiP 00 58 23.5, D 21.4
MAR13 KHC	02 26 36.7 Turkey 37.27 N 29.67 E, 0km, m 4.4 ISC eP 02 30 36, D 16.6
MAR13 KHC	PRU e 07 29 21, e 29 25, e 30 03 KHC ei 07 29 46, ei 30 19, ei 30 41
MAR13 KHC PRU	11 13 31.1 Azores 37.1 N 32.4 W, 33km, m 4.4 ISC e 11 21 17, ei 21 58.5, D 35.1 e 11 21 38, e 22 00, ei 22 07, D 35.8
MAR13 PRU KHC	12 48 34 N. Atlantic Ridge 22.46 N 45.19 W, 53km, m 4.6 ISC e 12 57 07, ei 57 29, D 53.8 e 12 57 20.5, ei 57 43, ei 58 02.8, D 53.0

MAR13	PRU ePg 13 02 29.4, eSg 02 54.4, (D 1.9)
MAR13	14 24 22.3 Aleutian Isl. 51.39 N 175.56 W, 56km, m 4.6 ISC
KHC	eP 14 36 25, D 79.6
MAR13	20 25 31.8 W. of Tonga 20.45 S 177.92 W, 513km, m 5.0 ISC
PRU	ePKIKP 20 44 17, iPKHKP 44 22.4, eipPKP2 44 29, epPKP 46 24.5, D 148.9
KHC	eiPKIKP 20 44 18.5, i PKHKP 44 24.4, iPKP2 44 32.2, eipPKP46 27 D 149.9
PRA	epPKP2 20 46 26, D 148.9
MAR13	21 49 36 Austria 47.8 N 16.3 E BCIS
KHC	ePg 21 50 15, ei 50 41.5, eiSg 50 45, D 2.3
PRU	eiPg 21 50 23.4, e 50 47, eiSg 50 52.4, D 2.5
MAR13	22 38 36.4 Kazakhstan 42.40 N 66.40 E, 15km, m 5.1 ISC
PRU	eP 22 45 40, e 47 35, D 36.1
KHC	eiP 22 45 46 (1.0s 16mu), ei 47 10.5, m 4.7, D 36.8
MAR14	02 08 34.2 Kazakhstan 42.46 N 66.38 E, 14km, m 5.3 ISC
PRU	eiPC. 02 15 37 (1.2s 26mu), ei 17 11.5, m 4.9, D 36.0
KHC	eiPC. 02 15 43 (1.2s 51mu), m 5.1, D 36.8
MAR14	PRU iPg 09 01 32.4, ei 01 51.4, eiSg 01 52.4, (D 1.5)
KHC	eiPg 09 01 40.6, eiSg 02 06, (D 1.9)
MAR14	PRU iPg 10 55 32, iSg 55 50, (D 1.4)
KHC	eSg 10 55 50
MAR14	PRU iPg 11 39 32, iSg 39 49, (D 1.3)
MAR14	14 45 01.2 Explosion of 5.4 Tons: Germany 51.36 N 9.45 E, HAN
PRU	e 14 46 53.5, D 3.5
MAR14	18 45 14 Kermadec Isl. 27.93 S 176.56 W, 49km, m 5.2 ISC
KHC	ePKIKP 19 05 05.5, eipPKP2 05 37.6, D 157.4
PRU	ePKP2 19 05 32.6, ei 05 45.5, D 156.3
PRA	e 19 05 50, D 156.3
MAR15	02 39 15.0 Fiji 16.6 S 176.8 E, 33km, m 4.7 ISC

KHC	ePKP 02 58 47, D 144.8
MAR15	02 59 32.6 Albania 41.24 N 20.3 E, 44km, ISC
KHC	eiPn 03 01 47.4, ei(Pg) 02 08.5, eiSn 03 29, D 9.2
PRU	ePn 03 01 56, e 02 05, D 9.6
MAR15	07 19 39.3 Kurile Isl. 44.42 N 149.32 E, 40km, m 4.8 ISC
KHC	eiPC. 07 31 41.6 (1.2s 44mu), ei 31 58.5, m 5.4, D 79.1
MAR15	09 35 13 Loyalty Isl. 21.26 S 169.54 E, 69km, m 4.6 ISC
KHC	eiPKIKP 09 54 47, D 146.2
MAR15	12 00 Explosion of 9.4 Tons: Czechoslovakia 50.58 N 14.02 E PRU
PRU	iPg 12 00 11.1, eiSg 00 19.6, ei 00 22.6, Lm 00 37, D 0.68
KHC	ePg 12 00 26, eiSg 00 46, D 1.5
MAR15	13 29 48 Japan 44.68 N 145.55 E, 10km, m 4.4 ISC
PRU	eiP 13 41 39.7, D 76.5
KHC	eiP 13 41 46, D 77.6
MAR15	22 56 36.9 Yugoslavia 43.89 N 20.35 E, 43km ISC
KHC	eiPn 22 58 19.8, eiSn 59 43.5, ei 59 55, D 7.0
PRU	ePn 22 58 23, eiSn 59 49, D 7.3
MAR16	00 15 29.8 Yugoslavia 43.83 N 20.29 E, 0km ISC
KHC	eiPn 00 17 16.5, ei 18 50, D 7.0
PRU	ePn 00 17 20, e 17 46.6, eSn 18 46, ei 18 59, D 7.3
MAR16	18 11 05.8 Aegean Sea 39.38 N 24.94 E, 43km, m 4.5 ISC
KHC	eP 18 14 06.5, D 12.7
PRU	e 18 14 23, D 12.9
MAR17	20 14 36.3 N. of Halmahera 3.25 N 128.13 E, 97km, m 5.7 ISC
KHC	eiPP 20 32 43, D 103.3
MAR18	07 23 06.0 S. of Fiji 23.33 S 179.76 W, 564km, m 5.1 ISC
KHC	eipPKP2 07 44 06.2, ei 44 12.3, D 152.2
PRU	eipPKP2 07 44 07.5, D 151.1

MAR18	21 43 53.9 Fiji 15.6 S 178.5 E, 33km, m 4.6 ISC
KHC	eiPKP 22 03 26.5, D 144.4
MAR19	01 35 49.6 Tonga 17.37 S 172.66 W, 33km, m 5.1 ISC
PRU	eiPKHKP 01 55 31.5 (2.2s 200mu), ei 52 26, D147.0
KHC	eiPKIKP 01 55 31.6, ei 56 17.2, D 147.9
PRA	ePKHKP 01 55 32, D 146.9
MAR19	02 19 13.1 Leeward Isl. 15.06 N 60.47 W, 57km, m 5.0 ISC
KHC	eP 02 30 11, D 68.3
PRA	eP 02 30 14, D 68.9
PRU	3P 02 30 15, ei 30 31, D 69.0
MAR19	19 08 15.2 Tonga 15.04 S 173.59 W, 33km, m 4.6 ISC
KHC	ePKP 19 27 52.5, D 145.5
MAR19	19 17 46 S. of Fiji 26.44 S 177.12 W, 19km, m 5.1 ISC
KHC	ePKIKP 19 37 44, eiPKP2 19 38 06, D 155.9
PRU	ePKP2 19 38 03, D 154.8
MAR20	04 10 49.2 Ryukyu Isl. 27.50 N 129.80 E, 40km, m 5.0 ISC
PRU	eP 04 23 18, D 83.9
KHC	eP 04 23 24, D 84.9
MAR20	07 54 37 Kirgiziya 41.01 N 75.18 E, 26km, m 4.7 ISC
PRU	eP 08 02 35, e 04 29, D 42.4
PRA	Lm 08 21.5 (LH: 12s 1.9u, LV: 13s 2.7u), M 5.2, D 42.4
MAR20	PRA e 11 30 28
KHC	eiPg 11 30 37, eiSg 30 52.5, (D 1.1)
MAR20	PRU eiPg 12 00 33.5, eiSg 00 54, (D 1.6)
MAR20	12 13 03 Aleutian Isl. 51.40 N 177.48 E, 4km, m 5.0 ISC
PRU	eP 12 25 04, D 78.0
KHC	eiP 12 25 08.6, D 78.9
MAR20	12 54 00.1 Tonga 15.13 S 173.22 W, 33km, m 4.7 ISC
PRU	ePKP 13 13 35, D 144.7
KHC	eiPKP 13 13 37.6, D 145.6

MAR20	Poland, BCIS
PRU	e 14 19 23, e 19 30.5, eiSg 20 02
KHC	e 14 19 32, ei 20 15
MAR20	19 02 49 Lake Victoria 0.61 S 34.42 E, 13km ISC
KHC	eP 19 12 06, D 52.7
MAR21	00 40 56.3 Japan 35.71 N 140.65 E, 55km, m 4.5 ISC
KHC	eP 00 53 18, D 83.3
MAR21	16 09 23.8 Aegean Sea 39.76 N 25.49 E, 19km, m 4.3 ISC
KHC	eiP 16 12 24.5, D 12.7
PRU	eP 16 12 32.5, e 16 08, eL 16 22, Lm 17 17 (LH: 11s 2.4u), M 4.4, D 12.8
PRA	Lm 16 17.5 (LH: 11s 2.4u, LV: 12s 1.4u), M 4.4, D 12.8
MAR22	15 05 00.8 Explosion of 10 Tons: Germany 50.54 N 10.04 E ERL
KHC	eiPg 15 05 52, eiSg 06 29.5, D 2.7
PRU	eiPg 15 05 57, eSn 06 24.5, eiSg 06 38, D 2.9
MAR22	15 00 00.0 Explosion "STINGER": Nevada 37.33 N 116.31 W, USAEC, m 5.6 ISC
PRU	eiP 15 12 26, D 82.8
PRA	eP 15 12 27, D 82.7
KHC	iPD. 15 12 28.3 (1.1s 41mu), m 5.6, D 83.1
MAR22	19 29 58 S. Italy 40.25 N 16.39 E, 22km ISC
KHC	eiP 19 32 09, ei 33 50, D 9.1
PRU	eP 19 32 17, e 32 31, eiS 34 13, D 9.8
MAR22	20 34 44 Japan 37.49 N 142.47 E, 8km, m 5.3 ISC
PRU	eiP 20 47 04 (1.5s 48mu), eL 21 19, Lm 26 (LH: 15s 2.4u), m 5.4
PRA	M 5.7, D 81.5
KHC	eP 20 47 05, Lm 21 27 (LV: 14s 1.5u), D 81.5
	eiPC. 20 47 09.5 (1.3s 47mu), m 5.6, D 82.6
MAR23	09 38 Explosion of 8.3 Tons: Czechoslovakia 50.17 N 14.40 E PRU
PRU	iPg 09 38 10.7, i 38 12.7, iSg 38 13.7, Lm 38 18, D 0.20
PRA	e 09 38 11, D 0.10
KHC	ePg 09 38 29, eiSg 38 46.4, Lm 38 58, D 1.2
MAR23	17 16 35.8 Aegean Sea 39.78 N 25.64 E, Okm, m 4.6 ISC

KHC	eP 17 19 34, D 12.7
MAR23	17 25 55.0 Aegean Sea 39.76 N 25.48 E, 33km, m 4.6 ISC
KHC	eiP 17 28 53, ei 29 09, ei 32 58.5, D 12.6
PRU	eP 17 29 03.5, ei 30 21, eL 32 08, Lm 39.9 (LH: 11s 17u), M 5.3
PRA	D 12.8 eP 17 29 05, Lm 34 (LH: 10.5s 11.5u), LV: 10s 4.1u), M 5.2, D 12.9
MAR24	07 12 47.5 Mid-Atlantic Ridge 1.19 S 24.29 W, 30km, m 5.3 ISC
KHC	eiP 07 22 53, eiPP 25 03.5, D 59.8
PRU	eP 07 23 00, ei 23 09.5, eiPP 25 14, D 60.9
PRA	e 07 23 10, ePP 25 15, D 60.9
MAR24	15 58 53.3 Japan 32.07 N 130.63 E, 30km, m 4.8 ISC
PRU	e(P) 16 11 14, D 80.6
MAR25	02 56 39.6 Loyalty Isl. 20.01 S 168.80 E, 34km, m 5.0 ISC
PRU	ePKP 03 16 10, D 143.8
KHC	eiPKP 03 16 13.7, D 144.8
MAR25	KHC ePg 14 42 58, eiSg 43 16, (D 1.3) PRU eiSg 14 43 42.5
MAR26	00 41 57.0 Bali Sea 6.59 S 116.18 E, 528km, m 5.8 ISC
PRU	eP 00 54 59.5, ei 58 06, eiPP 59 17, eipPP 01 01 06, ePKKP 10 58, e 11 21, D 102.5
KHC	eP 00 55 00, ei 57 21, eiPP 59 17, eipPP 01 01 11.3, eiPKKP 10 54, ei 11 17, D 103.2
PRA	epPP 01 01 05, D 102.6
MAR26	04 42 24.8 S. Persia 29.91 N 51.48 E, 62km, m 4.9 ISC
PRU	eP 04 49 06, D 34.2
KHC	eiP 04 49 08 (1.0s 24mu), m 5.1, D 34.5
MAR26	04 51 06.0 New Hebrides 16.39 S 167.4 E, 22km, m 4.5 ISC
KHC	ePKIKP 05 10 32, D 141.0
MAR26	10 41 56.2 Japan 32.62 N 141.66 E, 39km, m 4.7 ISC
PRU	eP 10 54 31, e 54 41, D 85.4
KHC	eiP 10 54 35, D 86.4

MAR26	KHC eiPg 11 04 38.7, eiSg 04 58.2, (D 1.5)
MAR26	14 00 07 Czechoslovakia 49.9 N 13.0 E BCIS. Probably explosion.
KHC	ePg 14 00 22, eiSg 00 34, Lm 00 40, D 0.86
PRU	iPg 14 00 25.0, iSg 00 39, D 1.0
MAR26	14 34 48.9 W. of Tonga 20.48 S 178.31 W, 535km, m 4.3 ISC
PRU	eiPKHKP 14 53 36, D 148.8
KHC	eiPKHKP 14 53 39, D 149.9
MAR26	19 37 34.1 Jordan-Syria 34.08 N 35.47 E, 37km, m 4.8 ISC
KHC	eiP 19 42 27.4, eiPP 42 48, D 22.1
PRU	eiP 19 42 28 (1.0s 46mu), ePP 42 45, m 4.9, D 22.1
PRA	eP 19 42 31, D 22.2
MAR26	19 40 41.9 Philippines 8.10 N 126.30 E, 82km, m 5.5 ISC
PRU	eP 19 54 08 (1.0s 31mu), eipP 54 31.6, ePP 58 05, m 5.8, D 97.5
PRA	eP 19 54 10, D 97.5
KHC	eiP 19 54 12, eipP 54 35, eipPP 58 40, D 98.4
MAR26	21 24 58 Kermadec Isl. 30.41 S 177.77 W, 46km, m 4.8 ISC
KHC	eiPKIKP 21 44 51, eiPKP2 45 29.2, D 159.4
MAR27	PRU iPg 12 51 11.9, ei 51 23.4, eiSg 51 35, (D 1.8) KHC ePg 12 51 14, eiSg 51 40, (D 2.0)
MAR27	18 53 31.3 E. Sea of Japan 40.89 N 138.03 E, 27km, m 5.2 ISC
PRU	eiP 19 05 22.9 (1.0s 23mu), m 5.3, D 76.8
KHC	eiPC. 19 05 29 (1.0s 24mu), m 5.3, D 77.9
MAR27	21 10 59.1 S. of Fiji 25.38 S 179.64 E, 499km, m 4.9 ISC
KHC	ePKHKP 21 29 58, e 32 16, D 153.9
MAR27	22 36 43.4 W. New Guinea 4.19 S 133.35 E, 33km, m 5.4 ISC
PRU	ePKIKP 22 55 21, eiPP 56 03.4, e 23 05 36, eL 33, Lm 51.5 (LH: 18s 2.5u), M 5.6, D 111.5
KHC	eiPKIKP 22 55 23.8, eiPP 56 10, D 112.3
PRA	Lm 23 42 (LN: 19s 3.lu), (M 5.9), D 111.5
MAR28	01 07 37.3 Mexico-Quatemala 15.08 N 92.10 W, 107km, m 5.3 ISC
PRU	e 01 20 47, e 21 11, D 88.9

KHC	ei 01 20 49.7, ei 21 18, D 88.7
MAR28	KHC eiPg 04 22 09, eiSg 22 27.8, (D 1.5) PRU ePg 04 22 24, ei 22 50, eiSg 22 52, (D 2.2)
MAR28	05 45 09.7 Santa Cruz Isl. 10.92 S 165.91 E, 71km, m 5.1 ISC
KHC PRU	ePKIKP 06 04 19, D 135.5 ePKIKP 06 04 23, D 134.4
MAR28	07 39 59.5 Ionian Sea 37.84 N 20.89 E, 23km, m 5.3 ISC
KHC PRU PRA	eiP 07 42 55.2, i 43 11.0, ei 46 25, D 12.5 eiPC. 07 43 02.8 (1.2s 37mu), i 43 15.8, e 45 32, e 46 01, Lm 47.9 (LH: 13s 36u, LV: 13s 5u), M 5.6, D 13.0 eP 07 43 05, e 43 19, e 46 42, e(L) 47 41, Lm 48.1 (LH: 11.5s 30u), M 5.5, D 13.1
MAR28	16 37 47.3 Greece-Albania 39.49 N 20.38 E, 18km, m 4.6 ISC
KHC PRU PRA	eiP 16 40 22, ei 41 02.8, ei 42 31, ei 44 12.6, D 10.8 eiP 16 40 28.8 (1.7s 44mu), e 43 36, e 44 26, Lm 44.6 (LH: 14s 13u), M 5.0, D 11.3 eP 16 40 31, e 43 15, Lm 46 (LH: 10.5s 9.0u), M 5.0, D 11.4
MAR29	PRU iPg 00 25 32.5, ei 25 48.5, iSg 25 51.5, (D 1.5) KHC e 00 25 52, eiSg 26 22.8
MAR29	06 29 05 Yugoslavia 43.54 N 20.85 E, 17km ISC
KHC PRU	eiPn 06 30 55.2, ei 32 39, D 7.5 ePn 06 30 59, ei 31 06.5, ei 32 48, D 7.8
MAR29	10 27 Explosion: Czechoslovakia 49.18 N 13.85 E PRU
KHC PRU	eiPg 10 27 02, iSg 27 04.8, D 0.18 eiPg 10 27 15.3, i 27 16.5, eiSg 27 27.3, D 0.93
MAR29	PRU ePg 10 42 33.3, eiSg 42 55, (D 1.6)
MAR29	PRU iPg 12 23 24.3, eiSg 23 45.3, (D 1.5)
MAR29	PRU eiPg 12 53 02, eiSg 53 28, (D 2.0)
MAR29	14 30 05.2 Japan 40.36 N 144.73 E, 36km, m 4.8 ISC
PRU KHC	eiP 14 42 13.2, e 42 28.8, D 80.0 eiP 14 42 18 (0.8s 19mu), ei 42 34, m 5.2, D 81.0

MAR29	20 32 01.4 Virgin Isl. 18.73 N 64.78 W, 61km, m 4.5 ISC
KHC PRU	eiP 20 43 00.2, D 68.5 eP 20 43 03, D 69.1
MAR30	02 57 44.4 W. of Tonga 18.07 S 178.08 W, 627km, m 4.3 ISC
PRU KHC	eiPKHKP 03 16 19.3, D 146.6 eiPKHKP 03 16 21.6, D 147.6
MAR30	PRU iPg 07 22 48.3, iSg 23 06.3, (D 1.4) KHC e 07 23 30, eiSg 23 38.5
MAR30	12 26 38.0 Aleutian Isl. 52.39 N 169.32 W, 39km, m 4.5 ISC
KHC	eP 12 38 19, D 78.8
MAR30	19 18 51 Tonga 21.21 S 174.28 W, 100km, m 4.4 ISC
PRU KHC	eiPKHKP 19 38 33.8, D 150.4 eiPKHKP 19 38 36, eiPKP2 38 47.3, eiPP 42 06, D 151.4
MAR31	03 16 37 Andaman Isl. 12.9 N 94.0 E, 33km, m 5.0 ISC
PRU KHC	eiPD. 03 28 18.2, D 73.5 eP 03 28 21, D 74.1
MAR31	17 34 25.7 S. Alaska 59.62 N 153.14 W, 74km, m 4.6 ISC
KHC	eiP 17 45 38, D 71.1
MAR31	23 35 57.4 Tanzania 4.67 S 34.96 E, 33km ISC
KHC	eiP 23 45 38.7, D 56.7

APRO1	00 16 30.3 New Britain 6.24 S 151.19 E, 26km ISC
KHC	ePKIKP 00 35 28, D 124.3
APRO1	00 42 04.2 Japan 32.48 N 132.28 E, 37km, m 6.2 ISC
PRU	iPC.S.E. 00 54 17 (2.5s 2156mu), PH: 16s 26u), eiPP 57 19,
PRA	eScS 01 04 37, Qm 24 (LH: 34s 620u), m 6.7, MPH 7.4, D 81.1
KHC	eiPC. 00 54 17.9, e 57 43, e 59 41, eScS 01 04 38, eSPP 05 32, eSS 10.3, Lm 35.8 (LH: 16s 1130u), D 81.1. Amplitudes measured on the Wiechert records.
KHC	iPC. 00 54 22.6 (2.0s 400mu), ePKPPKP 01 20 59, m 6.2, D 82.2
APRO1	02 03 10 Japan 43.54 N 144.35 E, 8km ISC
KHC	eP 02 15 07, D 78.1
APRO1	03 56 08.0 Lake Victoria 0.66 S 34.41 E, 0km ISC
KHC	eP 04 05 22, D 64.5
APRO1	06 27 22 Greece 38.64 N 23.83 E, 5km ISC
KHC	eiP 06 30 27, D 12.8
APRO1	07 13 18.2 Japan 32.24 N 132.21 E, 40km, m 5.9 ISC
PRU	iPC.S.E. 07 25 31.5 (2.5s 500mu), ei 26 10, ePP 28 44, e 32 08,
PRA	eiS 35 42, ei 41 12, eQ 53, Rm 08 06 (LH: 16s 81u, LV: 16s 40u), m 6.1, M 7.2, D 81.3
KHC	eiPC. 07 25 31.9 (PH: 5s 1.2u, PV: 6s 3.3u), ePP 28 38, eS 35 42 (SH: 10s 2.2u), ePS 36 30, Lm 08 06, (LH: 14.5s 75u, LV: 15s 87u), M 7.1, MPH 6.7, MPV 6.7, MSH 6.3, D 81.3
KHC	eiPC. 07 25 37.2 (2.3s 548u), m 6.3, D 82.3
APRO1	11 38 33 Crete 34.02 N 26.20 E, 44km ISC
KHC	eP 11 42 38, eiPP 43 06, D 17.8
PRU	eP 11 42 43, ePP 43 08, D 18.1
APRO1	16 22 07.1 Ryukyu Isl. 26.99 N 127.10 E, 33km, m 5.0 ISC
PRU	eP 34 30.5, D 82.9
KHC	eiP 16 34 35.5, D 83.9
APRO2	08 12 44.9 New Zealand 45.19 S 166.85 E, 15km ISC
KHC	ePKIKP 08 32 43, D 161.4
APRO2	PRA e 12 38 02
KHC	eiPg 12 38 08, eiSg 38 22, (D 1.1)

APRO3	PRU iPg 13 10 32, iSg 10 48, (D 1.2)
KHC	KHC ePg 13 10 34, eiSg 10 52, (D 1.3)
APRO3	16 24 43 Aleutian Isl. 51.76 N 174.19 E, 11km, m 5.4 ISC
PRU	eiP 16 36 37 (1.0s 46mu), e 38 40, m 5.6, D 77.2
PRA	eP 16 36 38, ei 36 46, D 77.1
KHC	eiP 16 36 43 (1.0s 65mu), ei 37 12.7, m 5.7, D 78.1
APRO4	01 10 39 Loyalty Isl. 21.79 S 170.3 E, 117km ISC
PRU	eiPKP 01 30 04, D 146.0
KHC	eiPKHKP 01 30 12.8, D 147.0
APRO4	01 44 26.1 W. Pakistan 24.58 N 66.23 E, 33km, m 5.0 ISC
PRU	eP 01 52 58, D 47.1
KHC	eP 01 53 00, D 47.6
APRO4	08 33 Explosion of 16 Tons: Czechoslovakia 49.31 N 16.44 E PRU
PRU	iPg 08 33 20.5, eiSg 33 40, D 1.4
KHC	ePg 08 33 30, eiSg 33 54.5, D 1.9
APRO4	14 11 38 Loyalty Isl. 22.67 S 171.43 E, 81km, m 4.6 ISC
PRU	ePKHKP 14 31 14, ei 31 41.7, D 147.3
KHC	ePKHKP 14 31 17.5, D 148.3
APRO5	02 00 26 W. of Tonga 16.02 S 179.53 W, 32km, m 4.6 ISC
PRU	ePKP 02 19 52, ei 20 02, D 144.3
KHC	ePKP 02 20 00, D 145.3
APRO5	PRU iPg 11 36 24.5, iSg 36 55, (D 2.4)
APRO5	11 41 49.1 Alaska 64.20 N 148.92 W, 131km, m 4.0 ISC
KHC	eiP 11 52 25, D 66.2
APRO5	15 03 Explosion of 29 Tons: Czechoslovakia 50.63 N 15.67 E PRU
PRU	iPg 15 03 21.0, iSg 03 33.5, D 0.97
KHC	ePg 15 03 41, eiSg 04 07, D 2.0
PRA	e 15 03 51, D 0.97
APRO5	KHC eiPg 15 30 18, eiSg 30 36.2 (D 1.4)
APRO5	15 54 32.7 Aegean Sea 39.76 N 25.55 E, 18km, m 4.5 ISC

KHC	eP 15 57 37, D 12.7
APRO5	16 52 48 Kurile Isl. 47.13 N 154.06 E, 21km, m 4.6 ISC
PRU KHC	eiP 17 04 42, D 77.1 eiP 17 04 48, D 78.2
APRO5	17 50 47.0 W. of Tonga 20.48 S 177.98 W, 496km, m 4.2 ISC
KHC PRU	eiPKIKP 18 09 35.4, eiPKHKP 09 41.2, D 150.0 eiPKHKP 18 09 39, D 148.9
APRO5	19 31 22 Kodiak Isl. 56.81 N 151.53 W, 9km, m 4.7 ISC
PRU KHC	eP 19 42 53, D 72.9 eiP 19 42 57.5, D 73.7
APRO6	PRU eiPg 03 43 46.5, ei 43 48.5, iSg 43 51, Lm 43 58, (D 0.35) KHC eiPg 03 43 59.8, eiSg 44 18.4, (D 1.4)
APRO6	07 53 Explosion of 12.0 Tons: Czechoslovakia 49.8 N 17.90 E PRU
PRU KHC	iPg 07 53 51, iSg 54 19, D 2.2 ePn 07 53 59, eiPg 54 06, eiSg 54 44, D 2.9
APRO6	PRU ePg 08 56 12, eiSg 56 30.5, (D 1.4)
APRO6	16 56 54 Tonga 16.41 S 173.50 W, 95km, m 4.4 ISC
PRU KHC	ePKIKP 17 16 23, D 145.9 ePKIKP 17 16 26, ei 16 56.3, D 146.9
	PRU Electricity supply partially interrupted from Apr 06, 17 00 to Apr 07, 08 00.
APRO6	22 48 06.8 Aleutian Isl. 51.45 N 176.53 E, 41km, m 4.8 ISC
KHC	eiPC. 23 00 07 (1.0s 22mu), m 5.1, D 78.7
APRO7	01 31 55 W. of Tonga 17.01 S 177.03 W, 17km, m 4.9 ISC
KHC	eiPKHKP 01 51 39, ei. 52 07, D 146.8
APRO7	02 47 42.5 Japan 38.39 N 141.75 E, 58km, m 4.9 ISC
KHC	eiPC. 02 59 56.2 (1.0s 22mu), m 5.1, D 81.5

APRO7	03 42 00.0 Aegean Sea 38.60 N 24.4 E, 33km, m 4.3 ISC
KHC	eiP 03 45 02.2, D 13.1
APRO7	04 40 21.4 Aleutian Isl. 51.48 N 176.49 E, 49km, m 5.3 ISC
PRA KHC	eP 04 52 19, D 77.7 eiP 04 52 20.4 (1.2s 45mu), m 5.4, D 78.7
APRO7	05 16 24.2 N. of Svalbard 81.52 N 3.4 W, 28km, m 5.3 ISC
PRA KHC	eP 05 22 51, D 32.1 eiP 05 22 59 (1.2s 68mu), ei 23 18.6, eiPcP 25 41.8, D 33.0
APRO7	19 13 31 France 46.0 N 1.4 E, 0km ISC
KHC PRU	ePn 19 15 38, ei 17 09, ei 18 03, D 8.8 e 19 18 27, D 9.7
APRO8	02 14 34.6 S. of Fiji 23.47 S 179.80 E, 555km, m 4.6 ISC
PRU KHC	eiPKHKP 02 33 26.5, D 151.1 eiPKHKP 02 33 29, D 152.2
APRO8	08 28 40.7 Albania 41.49 N 20.26 E, 0km, m 4.2 ISC
KHC	eiP 08 30 54.7, ei 32 35, D 9.0
APRO8	10 10 24 Albania 41.1 N 19.9 E, 0km, m 4.2 ISC
KHC	eiP 10 12 38.4, ei 14 17, D 9.1
APRO8	10 34 56.8 Tonga 17.26 S 173.23 W, 33km, m 4.1 ISC
KHC PRU	ePKIKP 10 54 38, D 147.7 ePKP2 10 54 45, D 146.8
APRO8	13 00 46 Dodecanese Isl. 36.3 N 25.7 E, 49km, ISC
KHC	eiP 13 04 24, D 15.6
APRO8	PRU ePg 14 38 01, ei 39 29, eiSg 38 32.5, (D 2.5) KHC e 14 38 06, eiSg 38 38
APRO9	01 02 44.4 New Hebrides 19.22 S 169.24 E, 155km ISC
KHC	ePKP 01 22 02.5, D 144.3
APRO9	02 29 00.2 S. California 33.22 N 116.19 W, 12km, m 6.0 ISC

PRU	eiP 02 41 43 (2.5s 312mu), ei 41 45.7, ei 42 27, ei 44 20.5, eS 52 18, ei 53 14, eSS 58 00, eQ 03 08, Lm 19 (LH: 19s 84u, LV: 19s 25u), m 6.0, M 7.1, D 86.4
KHC	eiP 02 41 44.4 (2.5s 599mu), i 41 48.2, ei 42 36.8, ei 46 06.4, m 6.2, D 86.6
PRA	eP 02 41 46 (PV: 3s 1.9u), e(PPP) 46 40, eS 52 28 (SH: 8.5s 10.5u), ePS 53 14, e(PPS) 54 11, eSS 58 16, eSSS 03 01 46, Lm 19 (LH: 16.5s 92u), M 7.2, MPV 6.8, MSH 7.1, D 86.3
APR09	02 29 00.2 S. California 33.22 N 116.19 W, 12km, m 6.0 ISC
PRU	eiP 02 41 43 (2.5s 312mu), ei 41 45.7, ei 42 27, ei 44 20.5, eS 52 18, ei 53 14, eSS 58 00, eQ 03 08, Lm 19 (LH: 19s 84u, LV: 19s 25u), m 6.0, M 7.1, D 86.4
KHC	eiP 02 41 44.4 (2.5s 599mu), i 41 48.2, ei 42 36.8, ei 46 06.4, m 6.2, D 86.6
PRA	eP 02 41 46 (PV: 3s 1.9u), e(PPP) 46 40, eS 52 28 (SH: 8.5s 10.5u), ePS 53 14, e(PPS) 54 11, eSS 58 16, eSSS 03 01 46, Lm 19 (LH: 16.5s 92u), M 7.2, MPV 6.8, MSH 7.1, D 86.3
APR09	11 27 39.0 W. of Tonga 17.94 S 178.15 W, 651km, m 5.1 ISC
KHC	iPKIKP 11 46 08.8, i 46 12.8, D 147.5
PRA	ePKHKP 11 46 10, D 146.4
APR09	KHC eiPg 14 44 25, eiSg 44 39, (D 1.1)
APR09	KHC eiPg 15 07 38.5, eiSg 07 59.8, (D 1.6)
APR09	PRU eiPg 15 52 54.2, iSg 52 55.7, Lm 52 56.5, (D 0.12) PRA e 15 52 57 KHC ePg 15 53 13, eiSg 53 28, (D 1.1)
APR09	19 07 46 N. Italy 44.7 N 10.4 E BCIS
KHC	ePn 19 08 58, eiSn 09 53.8, ei 10 10, ei 10 37.6, D 4.9
PRU	e 19 10 58, eSg 11 06, D 6.0
APR10	01 16 14 Carlsberg Ridge 8.16 N 58.76 E, 119km, m 4.8 ISC
PRU	eP 01 25 38, D 55.6
KHC	eP 01 25 39, D 55.6
APR10	PRU ePg 09 31 01, iSg 31 18, (D 1.3) KHC ePg 09 31 12, eiSg 31 37.6, (D 1.8)
APR10	PRU ei 12 39 57.5, eiSg 40 31.5 KHC ePg 12 40 07, eiSg 40 38.6, (D 2.5)
APR10	13 06 20.1 W. of Tonga 19.0 S 177.2 W, 33km, m 4.8 ISC

PRU	eiPKIKP 13 25 56, D 147.7
KHC	eiPKIKPD. 13 25 58.2, eiPKP2 26 05.8, D 148.7
APR10	KHC eiPg 15 06 11.6, eiSg 06 35.4, (D 1.8)
APR10	18 32 09.1 Loyalty Isl. 22.63 S 171.53 E, 56km, m 5.1 ISC
PRU	eiPKIKP 18 51 46.5, ei 52 24, eL 19 50, Lm 53 (LH: 24s 1.2u), M 5.6, D 147.3
KHC	eiPKIKP 18 51 47.6, i 51 50.4, ei 52 10, D 148.3
PRA	ePKIKP 18 51 48, D 147.3
APR10	18 40 21 Loyalty Isl. 22.7 S 171.6 E, 55km, m 4.6 ISC
PRU	ePKIKP 18 59 59, D 147.3
KHC	ePKIKP 19 00 01.5, D 148.4
APR10	PRU e 20 51 03.5 KHC ei 20 51 07
APR11	00 19 51 Ceram 3.90 S 127.69 E, 38km, m 5.4 ISC
KHC	ePKP 00 38 14, D 108.6
APR11	PRU ei 04 15 16.5 KHC ePg 04 15 25, eiSg 15 41.3, (D 1.2)
APR11	06 46 28.9 Russia-China 42.38 N 130.97 E, 535km, m 4.9 ISC
KHC	eiP 06 57 08.5, D 73.6
APR11	PRU eiPg 12 22 55, eiSg 23 23, (D 2.2)
APR11	Explosion of 16.5 Tons: Czechoslovakia 49.10 N 16.58 E PRU
PRU	eiPg 14 00 21.5, eiSg 00 42, D 1.6
KHC	eiPg 14 00 29, eiSg 00 53.2, D 1.8
APR11	17 21 17 Switzerland 47.0 N 9.6 E, 0km ISC
KHC	eiPn 17 22 08, ei 22 18.4, eiSn 22 48.5, ei 23 02.3, D 3.4
PRU	e 17 23 04, eiSn 23 22.5, ei 23 33, D 4.5
APR11	19 22 16.0 New Ireland 4.61 S 153.05 E, 81km ISC
KHC	ePKIKP 19 41 09, D 123.9
APR12	06 16 52.4 W. of Tonga 18.13 S 178.11 W, 482km, m 4.1 ISC

PRA PRU KHC	ePKHKP 06 35 40, D 146.6 eiPKHKP 06 35 40.5, D 146.6 eiPKHKP 06 35 43.2, D 147.7
APR12	PRU eiPg 09 08 34, ei 08 40, eiSg 08 55, (D 1.5)
APR12	PRU iPg 09 18 29.5, iSg 18 45.5, (D 1.2) KHC eiPg 09 18 32, eiSg 18 49.8, (D 1.3)
APR12 KHC	10 33 53 Hindu Kush 36.89 N 68.99 E, 14km, m 4.7 ISC eP 10 41 37.5, ei 42 03, D 41.4
APR12 PRU PRA KHC	11 00 Explosion of 15.2 Tons: Czechoslovakia 50.42 N 13.83 E PRU iPg 11 01 06, eiSg 01 15.4, Lm 01 45, D 0.63 e 11 01 12, D 0.52 eiPg 11 01 19, eiSg 01 38.5, D 1.3
APR12 KHC	PRU ei(Pg) 14 16 48.5, ei 17 07.5 KHC ePg 14 17 00, eiSg 17 28, (D 2.2)
APR12 KHC PRA PRU	16 35 40.6 W. of Tonga 20.42 S 177.71 W, 481km, m 4.5 ISC eiPKIKP 16 54 30.7, iPKHKP 54 36.5, ei 54 44.3, eipPKP2 36 36, D 150.0 ePKHKP 16 54 32, D 148.9 eiPKHKPD. 16 54 34 (1.2s 23mu), D 148.9
APR12 KHC	18 19 01 Tonga 19.7 S 175.75 W, 207km, m 4.2 ISC eiPKHKP 18 38 27.5, D 149.7
APR13 KHC PRU	01 15 30.9 Puerto Rico 19.03 N 66.86 W, 33km, m 5.2 ISC eiP 01 26 38.7 (1.3s 32mu), ei 26 55, ei 27 37.2, D 69.7 eiP 01 26 42.5 (1.2s 18mu), e(S) 36 04, eScS 36 44, eL 49, Lm 55.5 (LH: 19s 1.4u), m 5.1, M 5.3, D 70.2
APR13 KHC	PRU iPg 08 59 08.5, iSg 59 27.5, (D 1.4) KHC eiPg 08 59 22, iSg 59 52, (D 2.4)
APR13 KHC	18 28 35 Philippine Isl. 7.32 N 126.58 E, 130km, m 4.9 ISC eiP 18 42 03.6, D 99.2
APR14 PRA	08 37 10.3 Japan 33.42 N 141.56 E, 25km, m 5.4 ISC eP 08 49 41, ePP 52 56, Lm 09 36.5 (LH: 14.5s 1.3u, LV: 16s 1.9u)

PRU KHC	M 5.5, D 84.6 iPC. 08 49 42.5 (1.0s 31mu), ei 50 10, eiPP 52 58.5, eS 09 00 08, eL 20, Lm 25 (LH: 17s 1.8u), m 5.5, M 5.5, D 84.6 eiPC. 08 49 48.5 (1.2s 35mu), ei 50 03.5, eiPP 53 08.5, m 5.4, D 85.7
APR14 PRU	13 05 06.5 Japan 33.49 N 141.53 E, 26km, m 5.3 ISC eiPC. 13 17 38.6, ei 17 50, eiPP 20 54.5, eiS 28 02, eL 49, Lm 53 (LH: 18s 2.5u), M 5.6, D 84.6
PRA KHC	eP 13 17 40, ePP 20 56, eS 27 59, Lm 14 04.5 (LH: 14s 1.9u, LV: 14s 2.1u), M 5.6, D 84.5 eiPC. 13 17 44, ei 17 55.8, eiPP 21 03.5, D 85.6
APR14 KHC PRU	14 24 55.6 N. Colombia 6.82 N 73.0 W, 163km, m 4.9 ISC eiP 14 37 02.6, D 82.7 eP 14 37 06, D 83.3
APR14 PRU KHC PRA	14 47 14.7 W. of Tonga 17.55 S 178.67 W, 551km, m 4.6 ISC eiPKIKP 15 05 54.5 (1.0s 38mu), e 06 17, D 145.9 eiPKIKP 15 05 54.6, iPKHKP 05 57.5, D 147.0 ePKHKP 15 05 56, D 145.9
APR15 KHC	03 08 31.3 Solomon Isl. 6.19 S 155.15 E, 160km, m 4.9 ISC eiPKIKP 03 27 16.8, D 126.3
APR15 PRU KHC	17 25 11.9 E. of Kamchatka 53.34 N 159.64 E, 77km, m 4.6 ISC eP 17 36 35, D 72.9 eiP 17 36 41, ei 37 02, D 73.9
APR15 KHC	ePg 21 12 12.5, eiSg 12 29, (D 1.3)
APR16 PRU	ePg 12 26 49, eiSg 27 06.2, (D 1.3)
APR16 PRU	ePg 12 44 06.5, eiSg 44 23, (D 1.3)
APR16 KHC	20 19 43 Loyalty Isl. 20.6 S 168.5 E, 0km, m 4.6 ISC eiPP 20 39 17.5, D 145.2
APR17 KHC PRU	09 12 04.3 Straits of Gibraltar 35.24 N 3.73 W, 13km, m 5.0 ISC eiP 09 16 23.2, i 16 33.7, ei 18 15, D 18.8 eiP 09 16 35.5, ei 17 24, eS 20 22, eL 21.5, Lm 24 (LH: 14s

PRA	3.lu), M 4.9, D 19.9 eP 09 16 37, e(S) 20 34, Lm 25.0 (LH: 11s 1.8u, LV: 10s 1.8u), M 4.6, D 19.9
APR17	09 50 39.8 Afghanistan-USSR 36.39 N 71.33 E, 91km, m 4.8 ISC
PRU	eP 09 58 29, D 42.6
APR17	13 11 27.7 Afghanistan-USSR 36.43 N 71.48 E, 124km, m 5.2 ISC
PRU	eiP 13 19 13.7, eiPcP 21 01, D 42.6
KHC	eiP 13 19 18.5, ei 20 03, D 43.3
APR18	03 08 03.4 Albania 41.25 N 20.22 E, 36km, m 4.4 ISC
KHC	eiP 03 10 15.5, i 10 20.3, eiS 12 03.4, D 9.2
PRU	eP 03 10 21, ei 10 25.5, eiS 12 06, Lm 14.4 (LN: 8s lu), M 4.1, D 9.6
PRA	e 03 13 30, Lm 14.2, D 9.6
APR18	04 34 42.0 S. of Fiji 25.88 S 179.36 W, 392km, m 4.6 ISC
KHC	ePKIKP 04 53 47, ePKHKP 53 57, eiPKP2 54 14.5, D 154.7
APR18	KHC eiPg 06 08 00, eiSg 08 19, (D 1.4)
APR18	PRU iPg 10 08 31.8, iSg 08 48, (D 1.2)
APR18	09 58 53.3 S. of Fiji 25.71 S 177.67 W, 232km, m 5.0 ISC
KHC	eiPKIKP 10 18 19.5, eiPKP2 18 45.6, D 155.0
PRU	ePKHKP 10 18 26.5, eiPKP2 18 41, D 154.0
APR18	KHC ePg 11 28 20, eiSg 28 39, (D 1.4)
APR18	14 05 00 Explosion "SHUFFLE": Nevada 39.15 N 116.03 W USAEC, m 4.9 ISC
KHC	eP 14 17 29, D 81.5
APR18	19 38 18 N. Italy 44.31 N 8.07 E, 8km, m 4.0 ISC
KHC	eiPn 19 39 49.5, ei 40 16, eiSn 41 01, eiSg 41 49, D 6.1
PRU	eiPn 19 40 03, ei 40 57.5, eiSn 41 24, ei 42 27, Lm 43 (LH: 12s 1.4u), M 3.9, D 7.2
PRA	ePg 19 40 43, e 42 34, Lm 43.6, D 7.2
APR19	05 39 42.6 Ryukyu Isl. 26.10 N 128.24 E, 33km ISC
KHC	eP 05 52 18, D 85.2

APR19	09 04 28.2 S. Atlantic Ridge 42.69 S 16.05 W, 33km, m 5.5 ISC
KHC	eP 09 17 49, ei 19 23, eiPP 21 36.5, D 95.1
APR19	KHC eiPg 10 13 04, eiSg 13 24, (D 1.5)
APR19	PRU eiPg 10 39 22.5, eiSg 39 37.2, (D 1.1)
APR19	11 02 Explosion of 21.5 Tons: Czechoslovakia 50.40 N 13.22 E PRU
PRU	eiPg 11 02 09, eiSg 02 25, D 0.94
KHC	eiPg 11 02 15, eiSg 02 32, D 1.3
PRA	eSg 11 02 20, D 0.84
APR19	KHC eiPg 11 45 25, eiSg 45 32.7, (D 0.59)
PRU	eiPg 11 45 36, eiSg 45 52.6, (D 1.2)
APR19	PRU e 13 01 18, eiSg 01 31.2
KHC	eiPg 13 01 28.2, eiSg 01 48, (D 1.5)
PRA	eSg 13 01 34
APR19	PRU eiPg 13 06 13.8, eiSg 06 18, (D 0.32)
PRA	e 13 06 22
KHC	ePg 13 06 32.5, eiSg 06 51.2, (D 1.4)
APR19	PRU eiPg 13 40 26.5, eiSg 40 43, (D 1.3)
APR19	PRU ePg 14 13 27, eiSg 13 44, (D 1.3)
APR19	PRU ePg 14 40 58.5, eiSg 41 25.5, (D 2.1)
APR20	PRU iPg 05 41 37.5, eiSg 42 04, (D 2.0)
APR20	PRU eiPg 09 26 37, eiSg 26 53.8, (D 1.3)
APR20	09 44 08.4 Azores 38.27 N 26.72 W, 28km, m 4.8 ISC
KHC	eiP 09 50 22, D 30.8
PRU	eiP 09 50 28.7, eL 59.5, Lm 10 03.5 (LH: 12s lu), M 4.8, D 31.5
PRA	eP 09 50 30, D 31.4
APR20	10 05 00.4 Explosion of 6 Tons: Germany 49.56 N 12.35 E HAN
KHC	eiPg 10 05 11.7, ei 05 20, ei 05 30.2, eiSg 05 34, D 0.91
PRU	eiPg 10 05 28, eiSg 05 48, D 1.5
PRA	e 10 06 01, D 1.4

APR20	10 18 00 Azores 38.30 N 26.77 W, 15km, m 5.0 ISC
KHC PRU PRA	eiP 10 24 15, eiPP 25 07.2, D 30.8 eP 10 24 23, ei 24 27, eS 29 32, eL 33, Lm 37.3 (LH: 13s 4u), M 5.3, D 31.5 eP 10 24 24, eS 29 34 (SH: 9s 1.1u), Lm 37.5 (LH: 12s 3.4u, LV: 14s 3.0u), M 5.2, MSH 5.6, D 31.4
APR20	12 25 10.9 Samoa 15.62 S 172.63 W, 35km, m 5.7 ISC
PRU KHC	iPKPD.N. 12 44 45.6, ei 44 59.8, eiPP 48 02, eSKSP 58 28, e 13 07 40, eL 33, Lm 44.5 (LH: 23s 4.7u), M 6.2, D 145.2 eiPKPD. 12 44 49.2, i 45 02.2, D 146.2
APR20	13 55 11.4 Tanzania 7.34 S 38.4 E, 33km ISC
KHC	eiP 14 05 19, D 60.3
APR20	19 50 29.4, S. Atlantic Ridge 19.89 S 11.90 W, 18km, m 4.7 ISC
KHC PRU	eP 20 01 54, eiPP 04 30.8, D 72.4 eP 20 02 02, D 73.4
APR20	22 41 18.8 W. of Tonga 19.51 S 177.65 W, 538km, m 4.1 ISC
PRU KHC	ePKHKP 23 00 04, D 148.1 eiPKHKP 23 00 06.8, D 149.1
APR21	06 10 19 Kermadec Isl. 31.51 S 177.6 W, 61km, m 4.7 ISC
KHC	eiPKP2 06 30 54, D 160.5
APR21	08 34 03.2 Japan 38.68 N 142.99 E, 33km, m 5.4 ISC
PRU KHC	eiPC. 08 46 14.7 (1.2s 87mu), ei 47 04.5, ePP 49 16, eiS 56 20, e 09 03 04, eL 15, Lm 27 (LH: 14s 14u, LV: 14s 5.6u), m 5.7, M 6.5, D 80.7 iPC. 08 46 20.6 (1.4s 139mu), i 47 10.5, m 5.9, D 81.8
APR21	16 43 14 Macquarie Isl. 56.37 S 157.86 E, 2km, m 5.6 ISC
KHC PRU	eiPKIKP 17 03 15, eiPKP2 03 43, D 157.4 ePKHKP 17 03 25, ePKP2 03 47, D 157.3
APR21	17 41 55.7 Japan 38.72 N 143.12 E, 36km, m 4.3 ISC
PRU KHC	eiP 17 54 07, D 80.7 eiP 17 54 13, D 81.8
APR21	21 09 48.0 Tyrrhenian Sea 39.82 N 14.88 E, 320km, m 4.1 ISC

KHC PRU	eiP 21 11 59.5, D 9.4 eiPC. 21 12 09.5 (0.7s 18mu), D 10.2
APR22	KHC eiPg 11 43 34.3, eiSg 43 54.2, (D 1.5)
APR23	06 45 12.0 Afghanistan-USSR 36.43 N 71.24 E, 111km, m 5.2 ISC
PRU KHC	eiPC. 06 52 58.7 (0.6s 12mu), eipP 53 24.5, eiPP 54 33.5, ePKKS 07 20 26, m 4.8, D 42.5 eiP 06 53 04.5, eipP 53 30.7, ei 07 18 06.8, D 43.2
APR23	PRU eiPg 11 30 13.5, ei 30 22.5, i 30 24.5, Lm 30 33 KHC eiPg 11 30 19.5, eiSg 30 34.4, (D 1.1) PRA e 11 30 34
APR23	12 38 59 S. Persia 27.65 N 56.67 E, 36km, m 4.9 ISC
KHC	eiPC. 12 46 26.2, D 39.3
APR23	12 39 49.4 S. Persia 27.68 N 56.76 E, 74km, m 5.1 ISC
PRU PRA KHC	eP 12 47 09.5, eiPP 48 39, eS 53 08, eSSS 56 18, eL 13 01, Lm 07.8 (LH: 16s 1.4u), M 5.8, D 39.0 eP 12 47 11, e(S) 53 30, Lm 13 13.5, D 39.1 iPC. 12 47 12.8 (1.2s 144mu), i 47 19.0, m 5.8, D 39.4
APR23	PRU ePg 13 03 36.5, eSg 04 01, (D 1.9)
APR23	20 06 39.1 Poland 50.30 N 18.86 E, m 2.6 WAR
PRU KHC	eSg 20 08 09, D 2.8 eSn 20 08 16, eiSg 08 33, P 3.6
APR23	20 29 14.6 Gulf of Alaska 58.69 N 149.93 W, 22km, m 6.2 ISC
PRA PRU KHC	iPD.N. 20 40 31.4 (PH: 4s 1.3u, PV: 4s 3.1u), ei (PcP) 40 39, ePP 43 17, e 45 28, eS 49 48 (SN: 8s 2.0u), eSPP 50 24, eSS 54 25, eiPKPPKP 21 08 20, Lm 20.5 (LH: 15s 4u, LV: 15s 2.1u), M 5.8, MPH: 6.8, MPV 6.8, (MSH 6.2), D 70.9 iPD.N. 20 40 32.0 (2.0s 480mu, PN: 4s 1u, PV: 4s 1.2u), eiPcP 40 38, ei 41 29, eiPP 43 08, eiS 49 44 (SH: 10s 2.8u), e 58.0, eiPKPPKP 21 08 22.5, eL 10, Lm 22.8 (LH: 16s 6.2u), m 6.3, M 6.0, (MPH 6.8), MPV 6.4, MSH 6.4, D 70.9 iP 20 40 37.1 (2.0s 1017mu), i 40 42.3, ei 41 25.5, eiPP 43 08, iPKPPKP 21 08 18.8, m 6.6, D 71.7
APR23	22 30 31 Tunisia 34.8 N 8.9 E, 78km, m 4.8 ISC
KHC	eiP 22 33 51.7, D 14.7

APR24	03 04 20 Chagos Archipelago 4.99 S 68.43 E, 60km, m 4.9 ISC
PRU KHC	eP 03 15 37.5 ePP 18.7, D 71.8 eiP 03 15 37.5, D 71.9
APR24	08 18 03.3 Aegean Sea 39.33 N 24.88 E, 20km, m 5.1 ISC
KHC PRU PRA	eiP 08 21 04.2, i 21 34.4, ei 22 20.7, ei 25 21, D 12.7 eP 08 21 09, eiPP 21 23, e 23 08, eS 23 36, eQ 24 14, Qm 25.3 (LH: 20s 12.2u), Rm 26 (LH: 10s 16u, LV: 10s 5u), M 5.3, D 12.9 eP 08 21 11, ePP 21 20, ei 21 25, e 22 16, Lm 26.4 (LH: 10s 15u, LV: 9s 11.4u), M 5.3, D 13.0
APR24	KHC ePg 09 39 41, eiSg 39 55.4, (D 1.1)
APR24	10 35 57.3 E. Kazakhstan 49.84 N 78.07 E, 0km, m 5.0 ISC
PRU KHC	eP 10 43 34, D 39.8 eiP 10 43 42.7, D 40.7
APR24	PRU ePg 11 29 32, eSg 29 47, (D 1.1)
APR24	PRU iPg 12 56 36, eiSg 56 51, (D 1.1) KHC e 12 56 38, eiPG 56 56.5, eiSg 57 21, (D 1.8)
APR24	13 59 15.4 Bismarck Sea 4.58 S 149.42 E, 576km, m 5.1 ISC
PRU KHC	ePKIKP 14 17 03.5, D 121.0 eiPKIKP 14 17 06.4, D 122.0
APR24	16 22 18 W. of Tonga 16.0 S 179.9 W, 449km, m 4.0 ISC
PRU KHC	ePKP 16 41 06, D 144.1 ePKP 16 41 08.5, D 145.2
APR24	19 31 50 Chagos Archipelago 4.96 S 68.48 E, 38km, m 5.0 ISC
PRU KHC	eP 19 43 09, ePP 45 49, D 71.8 eiP 19 43 09.6, D 71.9
APR24	22 35 52.8 W. of Tonga 20.86 S 179.13 W, 635km, m 4.4 ISC
PRU KHC	eiPKHKPD. 22 54 31, D 149.0 eiPKHKP 22 54 34, D 150.0
APR25	23 44 45 Banda Sea 6.92 S 129.21 E, 44km, m 4.8 ISC
KHC	ePKIKP 00 03 21.5, D 111.9

APR25	04 27 29 Greece-Albania 39.12 N 20.2 E, 4km, m 4.2 ISC
KHC PRU	eiP 04 30 07, D 11.0 eP 04 30 20, D 11.6
APR25	07 40 53 N. Italy 46.9 N 11.5 E, 0km ISC
KHC PRU PRU	ePn 07 41 34, eiSg 41 40, eiSg 42 13.4, D 2.6 ePn 07 41 48.5, ePg 42 02, ei 42 27, eiSg 42 47.5, D 3.7 eSn 07 42 29, eSg 42 53, D 3.7
APR25	PRU ePg 08 41 56, eiSg 42 15, (D 1.5)
APR25	10 34 03.8 S. Greece 37.86 N 22.47 E, 98km, m 4.2 ISC
KHC	eP 10 37 03, ei 37 11, D 13.0
APR25	PRU ePg 15 49 11, ei 49 31, eiSg 49 42, (D 2.3) KHC ePg 15 49 17, eiSg 49 48.8, (D 2.4)
APR25	KHC ePg 16 03 47, eiSg 04 04.5, (D 1.3)
APR25	18 27 41.4 Switzerland 46.46 N 9.83 E, 41km ISC
KHC PRU PRA	ePn 18 28 36, eiPg 28 47.5, eiSn 29 20, eiSg 29 31.4, D 3.7 ePn 18 28 49, e 29 05, ei 29 32.5, eiSn 29 41, ei 29 55, eiSg 30 11, D 4.7 eSn 18 29 33, D 4.7
APR25	21 25 35.9 Tonga 15.38 S 173.05 W, 33km, m 5.2 ISC
PRU PRA KHC	ePKP 21 45 10, ei 45 22, ePP 48 26, e 56 16, eSKSP 58 36, eSS 22 07 12, eL 37, Lm 55 (LH: 18s 2u), M 5.9, D 144.8 ePKP 21 45 12, ePP 48 27, Lm 23 02, D 144.8 eiPKPC. 21 45 13.2, ei 46 17.8, eiPP 48 34, ei(PPP) 51 10.3, D 145.8
APR25	KHC ei 23 43 22.5
APR26	00 42 38 Tonga 15.40 S 173.13 W, 59km, m 5.5 ISC
PRU PRA KHC	eiPKP 01 02 08, ei 02 31, ePP 05 28, eSKSP 15 36, eL 52, Lm 02 12 (LH: 18s 2.7u), M 6.1, D 144.9 ePKP 01 02 11, ePP 05 30, Lm 02 11 (LH: 18.5s 3.1u, LV: 18s 2.6u), M 6.0, D 144.9 eiPKPC. 01 02 12.4, ei 02 35.2, ei 03 08.3, eiPP 05 32, D 145.9
APR26	01 23 40.9 Mona Passage 18.25 N 68.06 W, 80km, m 4.4 ISC

KHC PRU	eiP 01 34 52.2, D 71.0 eiP 01 34 56, D 71.5
APR26	02 58 23.8 Persia 35.09 N 50.16 E, 32km, m 5.2 ISC
PRU PRA KHC	eiP 03 04 29, D 29.8 eP 03 04 32, D 29.9 eiP 03 04 33.2 (1.1s 89mu), ei 06 07.4, m 5.5, D 30.2
APR26	04 24 30.6 Samoa 15.00 S 172.5 W, 33km, m 4.4 ISC
KHC	eiPKP 04 44 06.2, D 145.6
APR26	08 59 Explosion of 5.1 Tons: Czechoslovakia 49.77 N 14.87 E PRU
PRU KHC	eiPg 08 59 28, eiSg 59 32.5, D 0.31 eiPg 08 59 43, eiSg 59 58, D 1.1
APR26	KHC eiPg 11 00 30, eiSg 00 48.8, (D 1.4)
APR26	11 11 45.4 Kurile Isl. 43. 42 N 146.4 E, 43km, m 4.6 ISC
PRU KHC	eP 11 23 41, D 77.9 eiP 11 23 47, D 79.0
APR26	13 15 27.1 Mid-Atlantic Ridge 0.10 S 18.09 W, 61km, m 5.2 ISC
KHC PRU PRA	eiPC. 13 25 01.5 (1.1s 35mu), ei 25 14.2, eiPP 27 03.5, m 5.3, D 56.1 eiPC. 13 25 09 (1.5s 42mu), eiPP 27 13, eiS 33 06, eL 42, Lm 49 (LH: 20s 2u), m 5.2, M 5.3, D 57.2 eP 13 25 10, eS 33 07, Lm 55 (LH: 12s 1.2u, LV: 12s 1.7u), M 5.2, D 57.2
APR26	13 21 11.1 Japan 37.38 N 141.63 E, 49km, m 5.2 ISC
PRU PRA KHC	eiPC. 13 33 23.5 (1.0s 34mu), ei 33 36, m 5.3, D 81.3 eP 13 33 25, D 81.3 iPC. 13 33 29.5 (1.0s 49mu), ei 33 42, ei 34 33, m 5.6, D 82.3
APR26	14 05 00.4 Explosion of 10.2 Tons: Germany 47.63 N 11.15 E HAN
KHC PRU	eiPg 14 05 42.2, eiSg 06 11.5, D 2.2 ePn 14 05 52, ePg 06 02.5, eSg 06 43.5, ei 06 46, D 3.3
APR26	15 05 00.7 Explosion of 9.7 Tons: Germany 50.50 N 10.00 E HAN
KHC PRU	eiPn 15 05 46, eiPg 05 52, eiSg 06 25, D 2.7 eiPg 15 05 56.5, ei 06 18, eiSg 06 36, D 3.0

APR26	15 00 00.1 Explosion "BOXCAR": Nevada 37.29 N 116.45 W, USAEC m 6.2 ISC
PRA PRU KHC	iPC. 15 12 26.0 (PV: 2s 0.7u), e 13 27, Lm 52.2 (LH: 14s 2.9u, LV: 16s 3.6u), M 5.9, MPV 6.6, D 82.8 iPC. 15 12 26.5 (1.5s 286mu), ei 12 55.5, ei 13 28, eiPP 15 29, eL 41, Lm 52.8 (LH: 14s 2.6u), m 6.3, M 5.8, D 82.9 iPC. 15 12 28.2 (1.5s 291mu), i 12 57.4, ei 13 52, eiPP 15 37.5 ei 20 48.2, m 6.3, D 83.2
APR26	17 48 01.5 Mexico 18.82 N 103.31 W, 48km, m 5.5 ISC
PRU PRA KHC	eP 18 01 07, eiSKS 11 44, ei 14 34, eL 33, Lm 47 (LH: 16s 4.5u) M 6.0, D 92.3 eP 18 01 08, eSKS 11 46, eS 12 01, (SH: 8s 1.6u), Lm 44.8 (LH: 15.5s 4.1u, LV: 15s 3.5u), M 6.1, MSH 6.2, D 92.2 eiP 18 01 09, D 92.3
APR26	17 56 43 New Caledonia 23.0 S 168.4 E, 22km ISC
PRU KHC	ePKIKP 18 16 21, D 146.2 eiPKIKP 18 16 24.4, D 147.3
APR27	00 55 52 Norfolk Isl. 28.6 S 172.4 E, m 5.0 LAO
PRU KHC	e(PKP2) 01 16 10, D 152.8 ei(PKP2) 01 16 13.5, D 153.9
APR27	KHC e 09 00 42, eiSg 01 26.5 PRU eiPg 09 00 46, eiSg 01 15, (D 2.3)
APR27	10 58 19.4 Santa Cruz Isl. 10.47 S 165.15 E, 57km, m 5.0 ISC
KHC	ePKIKP 11 17 33, e(P) 19 58.5, D 134.8
APR27	13 57 48.7 W. of Tonga 21.16 S 179.11 W, 649km, m 4.5 ISC
PRU PRA KHC	iPKHKPD. 14 16 27.5, eiPKP2 16 35.5, D 149.3 ePKHKPD 14 16 28, D 149.2 eiPKHKPD. 14 16 30.2, eiPKP2 16 40, D 150.3
APR28	04 18 15.5 N. Pacific Ocean 44.76 N 147.58 E, 36km, m 5.5 ISC
PRU PRA KHC	eiPC. 04 30 43.5 (1.2s 44mu), ei 30 54.5, m 5.6, D 84.0 eP 04 30 44, D 84.0 eiPC. 04 30 49, ei 31 00.6, D 85.0
APR28	PRU iPg 10 06 07, iSg 06 25.0, (D 1.4)
APR28	10 03 35 Central America 11.87 N 88.93 W, 57km, m 4.8 ISC

KHC	eiP 10 16 26.5, D 89.2
APR28	20 13 38 N. Atlantic Ridge 45.46 N 27.82 W, 38km, m 4.5 ISC
KHC PRU	eiP 20 19 27.6, D 28.1 eP 20 19 31.5, D 28.6
APR29 PRU	00 21 39.2 N. California 39.53 N 122.12 W, 40km, m 4.7 ISC eP 00 34 01, D 83.1
APR29	09 32 54.4 W. of Tonga 21.38 S 179.25 W, 611km, m 4.5 ISC
PRU PRA KHC	eiPKHKPD. 09 51 36.5, eiPKP2 51 44.5, eipPKP2 54 01, D 149.4 ePKHKP 09 51 37, D 149.4 eiPKHKP 09 51 39.3, eiPKP2 51 49, eipPKP2 54 02, D 150.5
APR29	KHC ePg 11 11 36, eiSg 11 53, (D 1.3) PRU eiPg 11 11 36.5, eiSg 11 54.5, (D 1.4)
APR29	12 22 Explosion of 6.5 Tons: Czechoslovakia 49.17 N 13.52 E PRU
KHC PRU	iPg 12 22 00.8, D 0.01 eiPg 12 22 19, ei(Sg) 22 36.5, D 1.1
APR29	PRU iPg 12 58 04.0, eiSg 58 22, (D 1.4) KHC eiPg 12 58 15, eiSg 58 40.2, (D 1.9)
APR29	PRU iPg 15 08 54.0, iSg 09 10.5, (D 1.3)
APR29	17 01 55.6 Persia-USSR 39.24 N 44.23 E, 17km, m 5.3 ISC
PRU PRA KHC	eiPC.E. 17 07 06 (2.5s 253mu, PH: 6s 1.1u, PV: 6s 1.0u), ei 08 18, ei 08 24, eiS 11 22 (SH: 12s 4.6u), ei 12 10, eQ 15, Rm 18 (LH: 16s 9.6u), m 5.3, M 5.4, MPH 5.8, MPV 5.6, MSH 5.8, D 23.6 eiPC. 17 07 08.0 (PE: 7s 1.7u, PV: 6s 2.4u), ePP 07 42 (PPE: 4s 0.9u), eS 11 32 (SH: 11s 4.0u), e 12 16, eSS 12 26, e(SSS) 12 59, Lm 20 (LH: 10.5s 4.8u, LV: 9s 5.0u), M 5.2, (MPH: 5.9), MPV 5.9, MSH 5.7, D 23.7 iP 17 07 10.5 (1.4s 238mu), iPP 07 57.6, m 5.5, D 24.0
APR30	01 43 02.4 E. of Kamchatka 54.24 N 159.41 E, 158km, m 4.9 ISC
PRU KHC	eiP 01 54 11, eipP 54 44.5, D 72.0 eiP 01 54 17 (1.0s 19mu), eipP 54 49.3, D 73.1
APR30	KHC e 11 58 04, eiSg 58 10.6 PRU iPg 11 58 15.5, iSg 58 30.5, (D 1.1)

APR30	PRU eiPg 13 31 34, eiSg 31 48, (D 1.1)
APR30	KHC ePg 13 42 20, eiSg 42 34.5, (D 1.1)
APR30	PRU eiPg 14 15 37, ei 15 56, ei 16 02.5, eiSg 16 05, (D 2.3) KHC e 14 15 49, eiSg 16 13
APR30	PRU ePg 14 23 11.0, eiSg 23 25, (D 1.1)
APR30	KHC eiPg 17 45 29, eiSg 45 52.5, (D 1.8) PRU e 17 45 55, e 46 14, eiSg 46 25.0
APR30	18 45 15 Tonga 21.39 S 174.28 W, 112km, m 4.6 ISC
KHC PRU	ePKIKP 19 04 45.5, eiPKHKP 04 58, D 151.6 ePKIKP 19 04 49, eiPKHKP 04 56, D 150.6

MAYO4	01 02 35 Loyalty Isl. 22.40 S 171.6 E, 114km, m 4.3 ISC
PRU	ePKIKP 01 22 04, D 147.1
KHC	eiPKIKP 01 22 07.8, D 148.2
MAYO4	03 21 26.9 Japan 29.63 N 138.22 E, 494km, m 4.6 ISC
PRU	eP 03 33 16, D 86.3
KHC	eiP 03 33 21.5, D 87.4
MAYO4	06 18 59.9 Kurile Isl. 45.75 N 151.03 E, 106km, m 4.1 ISC
PRU	eP 06 30 45, D 77.4
KHC	eiP 06 30 50.5, D 79.5
MAYO4	KHC ePg 11 15 07, eiSg 15 25, (D 1.3)
PRU	iPg 11 15 07.5, eiSg 15 26, (D 1.3)
MAYO4	KHC eiPg 12 38 57, eiSg 39 10.8, (D 1.1)
MAYO4	KHC eiPg 12 45 12, eiSg 45 36, (D 1.8)
MAYO4	15 33 16 N. Italy 44.5 N 9.3 E BCIS
KHC	ePn 15 34 43, eiPg 35 10, eiSn 35 45.4, D 5.5
PRU	ePn 15 34 52, eSn 36 06, D 6.6
MAYO4	16 59 00.7 Tonga 23.4 S 175.06 W, 33km, m 4.3 ISC
KHC	ePKP2 17 19 07.5, D 153.43
MAYO5	07 21 03 Japan 32.99 N 135.46 E, 19km, m 4.7 ISC
PRU	eP 07 33 24, D 82.2
KHC	eiP 07 33 30, D 83.3
MAYO5	09 05 56.4 N. Zealand 39.27 S 174.76 E, 226km, m 5.2 ISC
PRU	ePKP2 09 26 19, D 162.4
KHC	eiPKP2 09 26 24.4, ei 27 10, D 163.3
MAYO5	10 47 16.5 Fiji 16.65 S 175.77 E, 47km, m 5.0 ISC
KHC	eiPKP 11 06 48.5, D 144.5
MAYO6	KHC eiPg 08 39 53.5, eiSg 40 14.8, (D 1.6)
MAYO6	09 38 47 Turkey 40.33 N 28.63 E, 4km, m 4.3 ISC
KHC	eP 09 41 51, ei 42 05, D 13.8
PRA	Lm 09 48.6 (LH: 10.5s 1.0u, LV: 11s 1.5u), M 4.1, D 13.9)
MAYO6	11 12 02.0 Aleutian Isl. 51.69 N 173.45 W, 47km, m 4.3 ISC

KHC	eiP 11 24 04.5, D 79.4
MAYO6	14 37 48.4 Guatemala 14.49 N 93.01 W, 114km, m 5.0 ISC
KHC	eiP 14 50 28.5, D 88.5
MAYO6	20 49 45.6 Hindu Kush 36.55 N 70.90 E, 227km, m 4.7 ISC
PRU	eP 20 57 18, esP 58 33, D 42.2
KHC	eP 20 57 23, ei 58 15.5, ei 21 00 13, D 42.9
MAYO7	09 00 28.2 N. Colombia 6.82 N 73.01 W, 157km, m 5.6 ISC
KHC	eiP 09 12 35.2, eipP 13 16.5, ei 15 02 14, D 82.7
PRU	eiP 09 12 38, eipP 13 21, D 83.3
MAYO7	KHC eiPg 11 00 04.2, eiSg 00 09.8, (D 0.43)
PRU	iPg 11 00 15.5, eiSg 00 28, (D 1.0)
MAYO7	PRU iPg 11 14 51, eiSg 15 09, (D 1.4)
MAYO7	11 43 33.0 W. of Tonga 19.26 S 177.58 W, 551km, m 4.8 ISC
KHC	eiPKIKP 12 02 14.5, iPKHKP 02 19.7, ei 04 32, D 148.9
PRU	iPKHKP 12 02 16, ei 02 21, D 147.8
PRA	ePKHKP 12 02 16, D 147.8
MAYO7	21 44 25 Germany 47.26 N 9.2 E, 10km ISC
KHC	eiPn 21 45 20.5, eiPg 45 32.5, eiSn 46 03.4, ei(Sg) 46 17, D 3.5
PRU	eiPg 21 45 50, e 46 35, eiSg 46 47.5, D 4.5
PRA	e 21 47 02, D 4.6
MAYO8	00 16 09.3 W. of Tonga 17.78 S 178.58 W, 596km, m 4.6 ISC
PRU	eiPKPC. 00 34 44.5, D 146.2
KHC	eiPKPC. 00 34 48.2, D 147.2
MAYO8	07 58 Explosion: Czechoslovakia 50.78 N 14.53 E PRU
PRU	eiPg 07 59 09, ei 59 23, (D 0.79)
KHC	ePg 07 59 26, eiSg 59 51.7, (D 1.8)
MAYO8	PRU ePg 10 59 57, eiSg 11 00 11.5, (D 1.2)
KHC	e 11 01 11, eiSg 00 22
MAYO8	11 00 07 Macquarie Isl. 57.96 S 157.57 E, 25km, m 5.5 ISC
KHC	eiPKIKP 11 19 58.5, iPKP2 20 30.6, eiPP 24 08.2, D 157.1

PRU PRA	ePKIKP 11 20 04, ei 20 09, eiPKP2 20 29, ePP 24 09, D 157.1 ePKP2 11 20 31, D 157.1
MAY08	12 17 14.2 Oregon 43.58 N 127.89 W, 30km, m 6.1 ISC
PRU PRA KHC	eiPC. 12 29 28 (1.5s 167mu), ei 31 20, eiSKS 39 40, eiPS 40 26, e 41 24, eSS 44 52, eL 50, Lm 13 06(LH: 17s 11.7u), m 5.8, M 6.3, D 81.2 eiP 12 29 29.5 (PV: 4s 1.4u), ePcP 29 35, e 30 08, e 31 48, e 35 45, eS 39 42 (SH: 8s 3.2u), Lm 13 05.5 (LH: 16s 11.2u), LV: 16s 17.1u), M 6.3, MPV 6.5, MSH: 6.5, D 81.1 eiPC. 12 29 31.4 (1.1s 121mu), ei 31 44, ei 33 01, m 6.0, D 81.7
MAY08	21 53 03 Oregon 43.94 N 128.32 W, 28km, m 4.7 ISC
PRU KHC	eiP 22 06 02.5, D 81.0 eiP 22 06 04, D 81.5
MAY08	22 17 13 Oregon 43.90 N 128.19 W, 25km, ISC
PRU KHC	eiP 22 29 26, D 81.0 eiP 22 29 29.4, D 81.5
MAY08	22 45 06.6 Afghanistan-USSR 37.18 N 71.89 E, 139km, m 4.9 ISC
PRU KHC	eiP 22 52 50, eipP 53 22, eisP 53 39, eiPP 54 26, D 42.5 eiP 22 52 55.7 (1.0s 32mu), eisP 53 46, eiPP 54 36, m 5.0, D 43.2
MAY09	23 45 56 S. of Fiji 26.94 S 176.16 W, 93km, m 4.5 ISC
KHC	ePKIKP 00 05 43, eiPKP2 06 11, D 156.6
MAY09	03 03 01.9 Oregon 43.45 N 126.98 W, 33km, m 5.3 ISC
PRU KHC	eP 03 15 18, eiPcP 15 23, ei 15 38 5, Lm 51 (LH: 19s 0.5u), M 4.9, D 81.1 eiP 03 15 18, ei 15 41.6, D 81.5
MAY09	07 19 58 Kermadec Isl. 31.91 S 178.63 W, 38km, m 5.0 ISC
PRU KHC	ePKIKP 07 39 53, eiPKP2 40 31, D 159.4 eiPKIKP 07 39 53, D 160.5
MAY09	12 28 32.0 S. of Kermadec Isl. 32.92 S 178.2 W, 33km, m 4.9 ISC
KHC	eiPKP2 12 49 17, D 161.6
MAY09	12 52 24.6 N. Peru 5.29 S 81.79 W, 34km, m 5.6 ISC
KHC	eP 13 06 00, ei 06 08, D 97.5

MAY09	14 22 11.0 Japan 34.13 N 136.85 E, 37km, m 4.9 ISC
PRU KHC PRA	eiPC. 14 34 27.5, ei 34 53, D 81.9 eiPC. 14 34 33.7, ei 34 58, D 83.0 Lm 15 14.5 (LH: 12.5s 1.8u, LV: 13s 2.2u), M 5.6, D 81.9
MAY09	18 03 09.9 Mexico 16.11 N 93.58 W, 107km, m 5.1 ISC
KHC	eiP 18 15 54.2, D 88.8
MAY10	08 58 08.0 Loyalty Isl. 22.28 S 171.57 E, 128km, m 4.7 ISC
PRU KHC	eiPKIKPC. 06 17 36 (1.2s 17mu), D 147.0 eiPKIKPC. 06 17 39.8, D 148.0
MAY10	08 04 16 Lake Victoria 0.69 S 34.40 E, 18km ISC
KHC	eiP 08 13 33, D 52.8
MAY10	09 23 33.4 Taiwan 24.30 N 21.78 E, 34km, m 5.0 ISC
PRU KHC PRA	eiP 09 35 52 (1.5s 23mu), e 39 50, eiS 46 06, eSS 51 24, eL 10 06.5, Lm 17 (LH: 14s 2.1u), m 5.1, M 5.7, D 82.1 eiP 09 35 58.6, D 83.0 Lm 10 15.4 (LH: 13s 1.6u, LV: 14s 1.5u), M 5.6, D 82.1
MAY10	09 25 15.4 Mexico 18.42 N 100.55 W, 84km, m 4.7 ISC
KHC PRU	eiP 09 38 10, D 91.0 eiP 09 38 12.5, eipP 38 34, D 91.2
MAY10	PRU e 10 44 39, ei 45 33, eiSg 45 38.5 KHC eiPg 10 44 50, eiSg 45 12.2, (D 1.6)
MAY10	13 24 16.1 Kermadec Isl. 28.16 S 175.92 W, 60km, m 4.8 ISC
PRU KHC	eiPKP2 13 44 37, D 156.8 eiPKP2 13 44 42.2, D 157.8
MAY10	15 05 00.5 Explosion of 6.8 Tons: Germany 50.33 N 9.38 E HAN
PRU	eiSg 15 06 47, D 3.3
MAY10	15 09 21 Taiwan 24.26 N 121.89 E, 28km, m 5.1 ISC
PRU KHC PRA	eP 15 21 42, e 22 03, eS 31 54, eL 52, Lm 16 03 (LH: 16s 2.4u), M 5.7, D 82.5 eiP 15 21 46.2, D 83.1 Lm 16 01 (LH: 15s 1.9u, LV: 15s 1.8u), M 5.6, D 82.2

MAY10	KHC e 19 53 12, ei 53 40, ei 54 38.8 PRU ei 19 53 51, e 54 51, ei 55 12
MAY10	20 33 15.6 Taiwan 24.31 N 121.89 E, 40km, m 5.1 ISC PRU eP 20 45 35, eS 55 45, eL 21 16, Lm 27 (LH: 15s 2u), M 5.6, D 82.1 KHC eiP 20 45 39.5, D 83.1 PRA Lm 21 25 (LE: 13s 1.2u, LV: 13s 1.3u), (M 5.4), D 82.1
MAY10	22 48 34.6 W. of Tonga 21.33 S 176.32 W, 186km, m 5.0 ISC KHC eiPKIKP 23 08 01, iPKHKP 08 08.0, ei 09 00.5, D 151.2 PRU eiPKHKP 23 08 04 (0.8s 71mu), ei 08 10.5, D 150.1 PRA ePKHKP 23 08 05, D 150.1
MAY11	12 12 44.6 Caspian Sea 41.01 N 49.83 E, 42km, m 5.0 ISC PRU eP 12 18 17, D 26.1 KHC eP 12 18 20, D 26.7
MAY11	13 30 05.9 Santiago del Estero 28.72 S 63.11 W, 598km, m 5.3 ISC PRU ei 13 47 31, D 103.4
MAY11	15 33 40.5 E. New Guinea 6.40 S 147.26 E, 70km, m 5.5 ISC PRU eiPKIKP 15 52 27, ei 52 53, D 121.3 KHC eiPKIKP 15 52 29, ei 52 56, ei 54 51, D 122.3
MAY11	16 07 05 Loyalty Isl. 21.8S 169.7 E, m 3.7NOU PRU ePKP 16 26 40, D 145.7 KHC eiPKP 16 26 43, D 146.8
MAG11	16 57 33 Loyalty Isl. 22.12 S 169.93 E, 32km, ISC PRU eiPKP 17 17 10, D 146.1 KHC eiPKP 17 17 13, D 147.2
MAY11	PRU eiPg 12 13 29.5, eiSg 13 49.5, (D 1.5)
MAY11	PRU eiPg 12 53 31, eiSg 53 47, (D 1.2)
MAY12	16 38 45 S. of Panama 7.78 N 02.23 W, 37km, m 4.8 ISC KHC eP 16 51 32.5, D 88.0

MAY12	18 39 14.0 New Hebrides 18.96 S 169.66 E, 36km, m 5.1 ISC PRU ePKP 18 58 43, ei 58 48.5, D 143.2 KHC eiPKP 18 58 46.2, i 58 51.8, eiPP 19 02 07.2, D 144.3 PRA ePKP 18 58 47, D 143.2
MAY12	18 56 27.5 New Hebrides 19.01 S 169.61 E, 35km, m 4.8 ISC PRU ePKP 19 15 48, D 143.2 KHC eiPKP 19 15 59.5, D 144.3
MAY12	21 54 10 New Hebrides 19.03 S 169.9 E, 0km ISC KHC ePKP 22 13 48.5, ei 13 55, D 144.4
MAY13	02 46 35.0 W. Caucasus 43.53 N 40.47 E, 5km, m 5.0 ISC PRU eiPC.E. 02 50 55.5 (2.0s 125mu), ei 51 20, ei 52 50, ei 55 10.5 eL 56.5, Lm 03 01 (LH: 12s 2u), m 4.8, M 4.6, D 18.8 PRA eP 02 50 59 (PV: 2s 0.7u), MPV 5.5, D 18.9 KHC eiPC. 03 51 03.5 (1.5s 136mu), ei 53 35.5, D 19.3
MAY13	03 57 11 New Hebrides 19.93 S 169.68 E, 22km, m 5.1 ISC PRU eiPKP 04 15 41, ei 17 04, D 143.2 KHC iPKPD. 04 15 44.9, ei 15 51.8, D 144.3
MAY13	PRU eiPg 10 31 31, ei 31 42, eiSg 31 48, (D 1.3)
MAY13	19 36 00 Lake Maracaibo 9.06 N 71.08 W, 5km, m 4.9 ISC KHC eiP 19 48 11, D 79.7 PRU eiP 19 48 13, D 80.3
MAY13	20 24 10.8 E. of Kamchatka 51.54 N 158.61 E, 56km, m 4.9 ISC PRU eiP 20 35 44, D 74.3 KHC eiP 20 35 51, D 75.4
MAY13	21 04 13.8 S. Atlantic Ridge 13.0 S 14.9 W, 33km, m 5.1 ISC KHC eiP 21 15 03, eiPP 17 29.8, D 66.8 PRU eiP 21 15 09 (1.5s 26mu), m 5.2, D 67.8 PRA eP 21 15 14, D 67.9
MAY14	01 15 25 Tonga 18.50 S 172.45 W, 35km, m 4.9 ISC PRU eiPKHKP 01 35 08, ei 35 22, D 148.1 KHC eiPKHKP 01 35 10, ei 35 41, D 149.1
MAY14	01 24 32.3 Loyalty Isl. 22.32 S 171.68 E, 143km, m 4.6 ISC

PRU KHC	eiPKIKP 01 43 59, D 147.1 ePKIKP 01 44 01, D 148.1
MAY14	05 37 14.8 S. of Fiji 23.86 S 176.98 W, 209km, m 4.8 ISC
KHC PRU	eiPKIKP 05 56 42.8, eiPKHKP 56 51, ei 57 36, D 153.4 eiPKHKP 05 56 48 (1.0s 15.0mu), iPKP2 56 56, D 152.4
MAY14	14 05 05.4 Ryukyu Isl. 29.93 N 129.39 E, 162km, m 5.9 ISC
PRU PRA KHC	iPC.S.E. 14 17 07.0 (2.3s 1333mu, PH: 8s 3.4u, PV: 8s 3.6u), eipP 17 50, eiPP 20 16, eiPP 21 10, eiS 27 06 (SH: 14s 5.3u), eisS 27 50, eiPS 28 14, eiSS 33 02, ei 38 36, eQ 44, Lm 52.7 (LH: 25s 16u), m 6.3, M 6.8, MPH 6.4, MPV 6.2, MSH 6.4, D 81.7 iPC.S.W. 14 17 08.0 (PV: 4s 8.9u), e 17 16, epP 17 52, esP 18 10, ePP 20 18 (PPH: 5.5s 2.3u), epPP 20 56, esPP 21 11, e 23 59, eS 27 09 (SH: 11s 3.0u), ePS 28 10, Lm 55.4 (LH: 16.5s 11u, LV: 14s 3.6u), M 6.5, MPV 6.8, MPPH 6.5, MSH: 6.2, D 81.8 iPC. 14 17 12.5 (2.0s 1350mu), eiPP 20 24, ei 21 35.5, m 6.3, D 82.8
MAY15	02 39 08.8 W. of Tonga 18.09S 178.38 W, 605km, m 4.2 ISC
PRU KHC	ePKP 02 57 43, D 146.5 eiPKP 02 57 47, D 147.6
MAY15	07 51 16.5 Zambia 15.91 S 26.16 E, 29km, m 5.7 ISC
KHC PRU PRA	eiP 08 02 00, ei 02 08, ei 03 06.8, D 65.8 eiP 08 02 04.5, ei 02 12.5, ei 03 14, eiS 10 52, ei 12 02, eL 26, Lm 37 (LH: 14s 3.7u, LV: 14s 1.9u), M 5.7, D 66.4 eP 08 02 05, eS 10 56 (SN: 8s 1u), Lm 36.5 (LH: 13s 3.1u, LV: 13s 3.2u), M 5.8, (MSH 6.0), D 66.5
MAY15	KHC eiPg 09 15 05, eiSg 15 19.7, (D 1.1)
MAY15	PRU eiPg 13 20 01, eiSg 20 16.5, (D 1.1)
MAY15	15 00 30.0 Kermadec Isl. 29.77 S 179.00 W, 31km, m 5.4 ISC
KHC PRU PRA	eiPKIKP 15 20 24.2, eiPKP2 21 08, eiPP 24 43, D 158.4 e(PKHKP) 15 20 30, eiPKP2 21 02, ePP 24 40, e 35 36, eiSSS 50 36, eL 16 10, Lm 33 (LH: 20s 7.7u), M 6.4, D 157.4 e(PKHKP) 15 20 30, ePKP2 21 04, Lm 16 33 (LH: 21s 7.0u, LV: 20s 6.1u), M 6.3, D 157.3
MAY15	PRU ei 23 05 27 KHC ei 23 05 30
MAY16	00 48 57 Japan 40.86 N 143.38 E, 9km, m 6.1 ISC

PRU PRA KHC	eiP 01 01 01 (PH: 14s 19u, PV: 14s 11u), ei 01 30, ePS 11 36, ei 11 59, eiPPS 12 04, Lm 34, (LH: 22s 2200u), M 8.5, MPH 7.2, MPV 6.6, D 79.0 Surface wave amplitudes measured on the Anderson-Wood seismograph. eP 01 01 02, ePcP 01 08, ePP 03 55, eS 11 10, ePS 11 50, D 79.0 iPC. 01 01 07.5, D 80.1
MAY16 PRU	01 04 55 Japan 41.00 N 143.22 E, 29km, m 5.7 ISC eiP 01 16 57, D 78.8
MAY16 PRU	01 52 32 Japan 41.4 N 141.5 E, 43km, m 5.1 ISC eiP 02 04 26, D 77.8
MAY16 KHC	02 29 14.1 Japan 40.6 N 143.99 E, 33km, m 4.6 ISC eiP 02 41 24, D 80.5
MAY16 KHC	02 50 19.4 Japan 40.80 N 143.6 E, 30km, m 4.3 ISC eiP 03 02 33, D 80.2
MAY16 KHC	02 58 03.7 Japan 40.99 N 142.38 E, 10km, m 4.4 ISC eiP 03 10 13, D 79.6
MAY16 KHC	03 00 46 Japan 40.3 N 146.8 E, 33km, m 4.3 ISC eiP 03 13 06.5, D 81.9
MAY16 KHC	03 07 33.3 Japan 40.7 N 143.01 E, 33km, m 4.4 ISC eiP 03 19 42, D 80.1
MAY16 KHC	03 09 57.3 Japan 39.1 N 139.9 E, 33km, m 4.5 ISC eiP 03 22 08, D 80.2
MAY16 KHC	03 36 14 Japan 40.2 N 142.8 E, 17km, m 4.4 ISC eiP 03 48 26.8, D 80.4
MAY16 PRU KHC	03 45 36 Japan 40.0 N 143.7 E, 71km, m 4.2 ISC eiP 03 57 39, ei 57 50.5, D 79.9 eiP 03 57 44, D 80.9
MAY16 PRU KHC	04 15 47.0 Japan 40.63 N 142.73 E, 59km, m 4.5 ISC eP 04 27 46, D 79.0 eiP 04 27 53.5, ei 28 05, ei 28 55.7, D 80.0

MAY16	04 35 06.0 Japan 41.39 N 142.44 E, 53km, m 5.1 ISC
PRU	eiP 04 47 01, D 78.2
KHC	eiP 04 47 07.7, eiPP 50 02, D 79.3
MAY16	04 42 01 Japon 39.6 N 143.6 E, 39km, m 4.3 ISC
PRU	eP 04 54 06.5, D 80.1
KHC	eiP 04 54 13.4, D 81.2
MAY16	04 58 11.1 Japan 40.46 N 143.24 E, 58km, m 4.5 ISC
PRU	eiP 05 10 12, D 79.3
KHC	eiP 05 10 18, D 80.4
MAY16	05 11 39.7 Japan 40.39 N 143.35 E, 64km, m 4.8 ISC
PRU	eiP 05 23 42, D 79.4,
KHC	eiP 05 23 48.5, D 80.5
MAY16	05 15 10.8 Japan 40.48 N 143.08 E, 50km, m 4.8 ISC
PRU	eiP 05 27 14, D 79.2
KHC	eiP 05 27 19, eiPP 30 20.5, D 80.3
MAY16	05 31 48.7 Japan 40.41 N 143.18 E, 34km, m 4.4 ISC
PRU	eiP 05 43 52.5, D 79.3
KHC	eiP 05 43 58.8, D 80.4
MAY16	05 44 38 Japan 40.43 N 143.75 E, 14km, m 4.7 ISC
PRU	eiP 05 56 46, eiPcP 56 56, D 79.5
PRA	eP 05 56 49, D 79.5
KHC	eiP 05 56 52, D 80.6
MAY16	05 58 05 Japan 40.6 N 143.7 E, 28km, m 4.3 ISC
KHC	eP 06 10 16, D 80.4
MAY16	06 17 17.8 Japan 40.30 N 143.41 E, 99km, m 4.3 ISC
KHC	ei(P) 06 29 30, D 80.6
MAY16	06 30 20 Japan 40.55 N 143.68 E, 11km, m 5.1 ISC
KHC	eiP 06 42 33, D 80.5
MAY16	06 36 51.8 Japan 41.09 N 143.03 E, 41km, m 5.6 ISC

PRA	eP 06 48 51, Lm 07 28.5 (LH: 16s 4.9u, LV: 16s 6.0u), M 5.9, D 78.7
PRU	eiPD. 06 48 51.2 (1.0s 61mu), ei 49 05, eL 07 17, Lm 29 (LH: 16s 4.2u), m 5.6, M 5.4, D 78.7
KHC	iPD. 06 48 57 6 (1.0s 97mu), ei 51 29.5, m 5.7, D 79.7
MAY16	07 28 03.9 Japan 40.22 N 143.34 E, 36km, m 4.7 ISC
PRU	eP 07 40 09, D 79.5
KHC	eiP 07 40 15, D 80.6
MAY16	07 42 36.3 Japan 40.29 N 142.96 E, 33km, m 4.3 ISC
KHC	eiP 07 54 47.5, D 80.4
MAY16	07 49 02.1 Japan 41.33 N 142.61 E, 42km, m 5.1 ISC
PRA	eP 08 00 59, D 78.3
PRU	eP 08 00 59.5, ei 01 14, D 78.3
KHC	eiP 08 01 05.7, D 79.4
MAY16	08 25 09.4 N. Peru 3.77 S 76.56 W, 118km, m 5.3 ISC
KHC	eiP 08 38 10.8, D 92.9
MAY16	08 46 40.8 Japan 40.82 N 143.30 E, 38km, m 4.9 ISC
PRU	eiPC. 08 58 42.5, eiPcP 58 53, D 79.0
PRA	eP 08 58 47, ePcP 58 57, D 79.0
KHC	eiP 08 58 49.5, D 80.1
MAY16	08 58 12.7 Japan 41.46 N 142.78 E, 23km, m 5.5 ISC
PRU	eiP 09 10 12 (1.5s 131mu), ei 10 24.5, eiPP 13 08, eiS 20 02, Lm 49 (LH: 15s 9u), m 5.8, M 5.5, D 78.3
PRA	eP 09 10 12, eS 20 00, Lm 49 (LH: 15.5 s 8.7 u, LV: 15s 11.9u), M 6.2, D 78.2
KHC	eiP 09 10 18, D 79.3
MAY16	10 12 37 Japan 40.55 N 143.61 E, 21km, m 4.7 ISC
PRU	eP 10 24 40, D 79.4
KHC	eP 10 24 47, D 80.4
MAY16	10 39 01.0 Japan 41.52 N 142.82 E, 26km, m 6.4 ISC

PRU	iPD. 10 50 59 (1.0s 742mu, PH: 16s 22u), ePP 52 59, eiS 11 00 56, ei 01 20, m 6.8, MPH 7.4, D 78.2
PRA	iPD.N.E. 10 51 01.5 (PV: 7s 22.6u), e(P) 53 43, eS 11 00 54, Lm 28 (LE: 17s 188u), (M 7.5), MPV 7.4, D 78.2
KHC	eiP 10 51 05.5, D 79.3
MAY16	12 09 34.5 Japan 41.06 N 143.0 E, 46km, m 5.2 ISC
PRU	eiPC. 12 21 54. (1.7s 72mu), eiPcP 21 44.5, ePP 24 29, m 5.4, D 78.7
KHC	eiP 12 21 40.2, D 79.8
MAY16	12 34 27.5 Japan 41.66 N 142.63 E, 50km, m 5.0 ISC
PRU	eiP 12 46 23, D 78.0
KHC	eiP 12 46 29.6, D 79.1
MAY16	12 45 39 Japan 41.15 N 142.75 E, 47km, m 4.9 ISC
PRU	eP 12 57 38, eiPcP 57 51, D 78.5
KHC	eiP 12 57 44.4, D 79.6
MAY16	13 20 05.8 Japan 41.3 N 142.0 E, 40km, m 4.3 ISC
PRU	e(P) 13 31 50, D 78.1
KHC	e 13 32 22, D 79.2
MAY16	13 25 52 Japan 41.49 N 143.21 E, 19km, m 4.8 ISC
PRU	eiP 13 37 52, D 78.4
KHC	eiP 13 37 58.4, D 79.5
MAY16	13 49 32.3 Japan 39.92 N 143.55 E, 0km, m 5.0 ISC
PRU	eP 14 01 45, eiPcP 01 55, D 79.9
PRA	eP 14 01 47, D 79.9
KHC	eiP 14 01 51, D 80.9
MAY16	13 52 41.1 Japan 40.2 N 143.58 E, 31km, m 4.7 ISC
PRU	eiP 14 04 47.5, eiPcP 04 57, D 79.7
KHC	eiP 14 04 54, D 80.8
PRA	ePcP 14 04 55, D 79.7
MAY16	14 02 41.9 Japan 41.46 N 142.31 E, 50km, m 4.8 ISC
PRU	eP 14 14 38, eiPcP 14 51.5, D 78.1
KHC	eiP 14 14 44, D 79.1
PRA	e 14 14 55, D 78.1
MAY16	14 03 20.0 Japan 39.8 N 142.7 E, 41km, m 5.3 ISC
PRU	eiPC. 14 15 25 (0.9s 28mu), ei 16 38, m 5.2, D 79.7
PRA	eP 14 15 26, D 79.6
KHC	eiP 14 15 31.5, D 80.7
MAY16	14 52 32.4 Japan 41.44 N 143.49 E, 40km, m 4.9 ISC
PRU	eiPC. 15 04 31.5 (1.0s 20mu), eiPcP 04 42.5, m 5.1, D 78.6
KHC	eiP 15 04 38.2, D 79.6
PRA	ePcP 15 04 40, D 78.6

MAY16	14 55 51.9 Japan 40.72 N 143.37 E, 23km, m 4.8 ISC
PRU	eP 15 07 57, D 79.1
KHC	eiP 15 08 01.5, D 80.2
MAY16	15 20 26.1 Japan 41.53 N 142.98 E, 39km, m 4.9 ISC
PRU	eP 15 32 25, D 78.3
KHC	eiP 15 32 30.5, D 79.3
MAY16	15 49 41 Kurile Isl. 47.8 N 147.9 E, 43km, m 4.5 ISC
PRU	eP 16 01 17, ei 01 45, D 74.7
KHC	eiP 16 01 23.2, ei 01 49, D 75.7
MAY16	15 52 31.9 Japan 41.50 N 142.60 E, 40km, m 4.9 ISC
PRU	eiP 16 04 29, D 78.2
KHC	eiP 16 04 35.6, D 79.2
MAY16	16 13 45.8 Japan 39.78 N 143.54 E, 31km, m 5.6 ISC
PRU	eiPC. 16 25 53.5 (1.5s 178mu), eiS 35 56 (SH: 14s 4.8u), eL 56, Lm 17 00 (LH: 18s 35u), m 5.8, M 6.8, MSH 6.2, D 80.0
PRA	iPC.S. 16 25 54.5 (PV: 8s 2.7u), ePP 28 57, ePPP 30 43, eS 35 57 (SH: 9s 3.9u), Lm 17 07 (LH: 13.5s 26u, LV: 13s 27.7u), M 6.7, MPV 6.5, MSH 6.5, D 80.0
KHC	eP 16 25 55, D 81.1
MAY16	16 21 53 Japan 39.82 N 143.70 E, 25km, m 4.9 ISC
PRU	eiP 16 34 01, D 80.0
KHC	eiP 16 34 07, D 81.1
MAY16	PRU e 17 04 08, eiSg 04 38 KHC eiPg 17 04 15, eiSg 04 39, (D 1.8)
MAY16	17 21 51.8 Japan 41.11 N 142.57 E, 42km, m 4.7 ISC
PRU	eiPD. 17 33 50, eiPcP 34 02, D 78.5
KHC	eiP 17 33 56.5, eiPcP 34 08.8, D 79.5
MAY16	17 28 11.9 Japan 41.45 N 143.12 E, 21km, m 5.2 ISC
PRU	eiP 17 40 12.5, ei 40 39, D 78.4
PRA	eP 17 40 16, D 78.4
KHC	eiP 17 40 18.5, ei 40 35.2, D 79.5

MAY16	PRU iPg 18 00 18.5, iSg 00 33, (D 1.1) KHC eiPg 18 00 22.5, e 00 39
MAY16	17 55 10.2 Japan 41.8 N 142.44 E, 33km, m 4.6 ISC
PRU KHC	eP 18 07 06, D 77.8 eP 18 07 12, D 78.9
MAY16	18 43 21.6 Japan 40.78 N 142.15 E, 60km, m 5.8 ISC
PRU PRA KHC	iPC. 18 55 18.5 (1.2s 207mu), eiPcP 55 29.5, ei 58 07, m 6.0, D 78.6 ePC. 18 55 20 (PV: 4s 1.4u), MPV 6.5, D 78.6 eiP 18 55 24.5, D 79.7
MAY16	KHC ei 19 05 25 PRU ei 19 05 29
MAY16	19 16 47.7 Japan 41.33 N 142.50 E, 43km, m 5.5 ISC
PRU PRA KHC	eiPD. 19 28 44 (1.0s 61mu), eiPcP 28 54.5, ePP 31 48, eS 38 36, eScS 38 52, eL 58, Lm 20 00 (LH: 22s 5.9u), m 5.7, M 5.9, D 78.3 eP 19 28 45, ePP 31 43, ePPP 33 31, eS 38 37, eScS 38 57, Lm 20 08 (LH: 14s 35u, LV: 15s 5.3u), M 5.8, D 78.2 eP 19 28 51, D 79.3
MAY16	19 43 56 Japan 41.72 N 142.59 E, 32km, m 4.8 ISC
PRU	eP 19 55 54, D 78.0
MAY16	20 22 14.6 Japan 41.46 N 142.68 E, 31km, m 5.6 ISC
PRU PRA KHC	eiP 20 34 12 (1.1s 52mu), iPcP 34 24, ePP 37 04, eS 44 03, eL 21 01, Lm 06 (LH: 21s 8.8u), m 5.6, M 6.1, D 78.2 eP 20 34 13 (PV: 4s 0.9u), eS 44 04, eScS 44 27, Lm 21 18, (LH: 15.5s 13.4u, LV: 15s 13.2u), M 6.3, MPV 6.3, D 78.2 eiP 20 34 19, D 79.3
MAY16	21 03 25.7 Japan 41.22 N 142.51 E, 46km, m 5.0 ISC
PRU KHC	eiP 21 15 23, eiPcP 15 35, D 78.4 eiP 21 15 29.8, D 79.4
MAY16	21 23 04.9 Japan 70.20 N 143.14 E, 50km, m 4.4 ISC
PRU KHC	eiP 21 35 08, D 79.5 eiP 21 35 14.2, D 80.5
MAY16	21 25 58 Japan 40.89 N 143.18 E, 46km, m 4.9 ISC
PRU KHC	eiPc. 21 37 58.5, eiPcP 38 08, D 78.9 eP 21 38 04.5, D 80.0

MAY16	21 28 28.1 Japan 40.91 N 143.44 E, 33km, m 4.7 ISC
PRU KHC	eiPC. 21 40 29.5, D 79.0 eiP 21 40 35.8, D 80.1
MAY16	22 56 55 Japan 39.89 N 143.57 E, 21km, m 4.4 ISC
PRU KHC	eP 23 09 04, D 79.9 eiP 23 09 10.4, D 81.0
MAY16	23 02 59.3 Japan 39.27 N 143.45 E, 33km, m 4.5 ISC
PRU KHC	eP 23 15 09, D 80.4 eiP 23 15 15.8, D 81.5
MAY16	23 04 54.6 Japan 39.83 N 143.16 E, 32km, m 5.9 ISC
PRU PRA KHC	eiP 23 17 00 (1.0s 409mu, PH: 8s 3.5u), eiPP 21 01, eiS 27 01 (SH: 20s 17u), Lm 51 (LH: 20s 70u), m 6.3, M 7.0, MPH 6.7, MSH 6.6, D 79.8 ePC. 23 17 01 (PV: 4s 6.6u), ePP 20 03, e(PPP) 21 42, eS 27 03, eSS 32.5, Lm 56 (LH: 14.5s 85u, LV: 15s 84u), m 7.2, MPV 7.2, D 79.8 eiP 23 17 05.8, D 80.9
MAY16	23 38 17 Japan 39.78 N 143.0 E, 40km, m 4.5 ISC
PRU KHC	eiP 23 50 23.5, D 79.8 eiP 23 50 30, D 80.9
MAY17	23 51 36.4 Japan 39.60 N 143.29 E, 40km, m 4.7 ISC
PRU KHC	eiP 00 03 43, D 80.1 eiP 00 03 49.8, D 81.1
MAY17	23 56 34 Japan 39.69 N 143.45 E, 19km, m 4.9 ISC
PRU KHC	eiP 00 08 44, ePcP 08 55, D 80.0 eiP 00 08 49.5, D 81.1
MAY17	00 24 28.3 Japan 40.26 N 142.71 E, 62km, m 4.2 ISC
PRU KHC	eP 00 36 28.5, D 79.3 eiP 00 36 35, D 80.3
MAY17	02 28 28.0 Japan 41.51 N 142.22 E, 45km, m 4.7, ISC
KHC	eiP 02 40 30.8 N, D 79.1
MAY17	02 46 47 Japan 40.5 N 142.6 E, 37km, m 4.2 ISC
PRU	eP 02 58 50.5, D 79.0

MAY17	04 36 30 Japan 39.32 N 143.1 E, 49km, m 4.5 ISC
PRU KHC	eP 04 48 37, D 80.2 eiP 04 48 43, D 81.3
MAY17	05 03 50.8 Japan 39.29 N 143.1 E, 94km, m 4.3 ISC
PRU	eP 05 15 53, D 80.2
MAY17	05 19 34.8 Japan 39.68 N 143.39 E, 29km, m 4.7 ISC
PRU PRA KHC	eiPC. 05 31 43.5, ePcP 31 55, D 80.0 eP 05 31 45, D 80.0 eiP 05 31 50.2, D 81.1
MAY17	06 24 33.2 Japan 39.15 N 143.58 E, 22km, m 4.9 ISC
PRA KHC	eP 06 36 45, eS 46 57, Lm 07 15, D 80.5 eiP 06 36 51.7, eiPcP 37 00, D 81.6
MAY17	07 38 58 Loyalty Isl. 22.8 S 173.1 E, 74km, m 4.3 ISC
KHC	ePKHKP 07 58 38, D 149.1
MAY17	08 07 00 Mediterranean Sea 35.56 N 22.0 E, 13km, m 4.3 ISC
KHC	eP 08 10 32, D 14.9
MAY17	07 57 17 Loyalty Isl. 22.66 S 173.11 E, 80km, m 5.1 ISC
PRU PRA KHC	eiPKIKP 08 16 52, i 17 05, D 148.0 ePKHKP 08 16 55, D 147.9 ePKHKP 08 16 57.8, D 149.0
MAY17	09 01 55.4 Japan 41.26 N 142.05 E, 37km, m 4.9 ISC
PRU KHC	eiP 09 13 54.5, D 78.4 eP 09 14 00, D 79.4
MAY17	KHC ePg 10 25 22, eiSg 25 44, (D 1.6) PRU eiPg 10 25 32.5, ei 25 51, ei 26 08.5
MAY17	PRU eiPg 10 46 31.5, eiSg 46 51, (D 1.5) KHC eSg 10 46 50
MAY17	10 42 44.3 Japan 39.69 N 143.46 E, 18km, m 5.3 ISC
PRU PRA	eiPC. 10 54 54 (1.0s 61mu), eiPcP 55 04, ei 55 30, eS 11 04 59, eL 24, Lm 33.5 (LH: 16s 10.2u), m 5.5, M 6.1, D 80.1 ePC. 10 54 55 (PV: 1s 0.7u), e(PPP) 59 57, eS 11 04 56, Lm 36,

KHC	(LH: 13.5s 4.5u, LV: 12s 3.4u), M 5.9, MPV 6.5, D 80.0 eP 10 55 00.5, D 81.1
MAY17	PRU eiPg 13 06 21.8, eiSg 06 38, (D 1.2) KHC e 13 06 25, eiSg 06 42.5
MAY17	13 02 37.6 Japan 41.46 N 142.89 E, 45km, m 5.5 ISC
PRA PRU KHC	eP 13 14 31, eS 24 26, eScS 24 52, Lm 52, D 78.3 eiP 13 14 34.5, eiPcP 14 44, eS 24 24, eScS 24 54, eL 41, Lm 53 (LH: 17s 2u), M 5.4, D 78.3 eiP 13 14 20, ei 14 27.2, D 79.4
MAY17	13 03 32.9 Loyalty Isl. 22.74 S 173.29 E, 59km ISC
PRU PRA KHC	eiPKIKP 13 23 10.5, ei 23 24, D 148.1 eiPKIKP 13 23 11, D 148.1 eiPKIKP 13 23 14.8, i 23 26.8, D 149.2
MAY17	13 59 52.8 Japan 40.29 N 143.25 E, 34km, m 4.5 ISC
PRU KHC	eiP 14 11 58, D 79.5 eiP 14 12 04, D 80.5
MAY17	14 53 10.3 Japan 39.6 N 143.65 E, 26km, m 4.9 ISC
PRU PRA KHC	eiPC. 15 05 19.5, eiPcP 05 28, Lm 44 (LH: 16s 1.3u), M 5.4, D 80.2 eP 15 05 22, D 80.1 eiP 15 05 26.5, eiPcP 05 34.8, D 81.2
MAY17	15 17 20 Japan 40.37 N 143.70 E, 10km, m 4.3 ISC
PRU KHC	eiP 15 29 29, D 79.6 eiP 15 29 36, D 80.6
MAY17	KHC eiPg 16 13 26, eiSg 13 44.5, (D 1.4) PRU ePg 16 13 40, eSg 14 09, (D 2.3)
MAY17	16 02 24.1 Japan 40.54 N 144.08 E, 32km, m 5.1 ISC
PRU PRA KHC	eiP 16 14 30, eiPcP 14 40, eiS 24 30, eL 46, Lm 50 (LH: 17s 16u), M 6.5, D 79.5 eP 16 14 31, eS 24 33, Lm 55 (LH: 14.5s 16.8u, LV: 14s 15.1u), M 6.5, D 79.5 eiP 16 14 36.6, ei 15 01.8, D 80.6
MAY17	16 14 08.4 Japan 40.52 N 143.33 E, 59km, m 4.6 ISC
PRU	eP 16 26 10, ePcP 26 20, D 79.3

MAY17	17 28 00.0 Japan 41.32 N 142.75 E, 41km, m 4.6 ISC
PRU KHC	eP 17 39 58, ePcP 40 10, D 78.4 eP 17 40 04, D 79.4
MAY17	18 03 44 Japan 39.9 N 143.3 E, 35km, m 4.3 ISC
PRU KHC	eP 18 15 51, D 79.8 eiP 18 15 58, eiPcP 16 05.5, D 80.8
MAY17	18 17 07.1 Japan 39.68 N 143.07 E, 26km, m 5.4 ISC
PRU PRA KHC	iPC. 18 29 14.5 (2.0s 125mu), ei 29 36.5, e 32 53, eiS 39 14, eL 59, Lm 19 03 (LH: 20s 5.6u), m 5.7, M 5.9, D 79.9 eP 18 29 16 (PV: 3s 0.7u), ePP 32 17, eS 39 17, ePS 40 03, Lm 19 09.2 (LH: 15s 5.6u, LV: 16s 4.9u), M 5.9, MPV 6.3, D 79.9 eiP 18 29 21.3, eiPP 32 32.2, D 81.0
MAY17	18 42 10 Japan 40.20 N 143.74 E, 4km, m 4.3 ISC
PRU KHC	eiP 18 54 20, D 79.7 eiP 18 54 27, D 80.8
MAY17	19 48 57.0 Japan 39.67 N 143.19 E, 25km, m 4.8 ISC
PRU KHC	eiPC. 20 01 05.5 (1.0s 14mu), eiPcP 01 13.5, ei 01 18, m 5.0, D 80.0 eiP 20 01 11.8, D 81.0
MAY17	20 56 10.3 Japan 40.51 N 144.18 E, 10km, m 4.6 ISC
PRU KHC	eiP 21 08 19, D 79.6 eiP 21 08 25.6, D 80.7
MAY17	21 02 48.2 Japan 41.03 N 143.1 E, 33km, m 4.7 ISC
PRU KHC	eP 21 14 49, D 78.7 eiP 21 14 56, D 79.8
MAY17	22 36 13.0 Japan 40.65 N 143.80 E, 17km, m 5.0 ISC
PRU PRA KHC	eiPC. 22 48 19 (1.5s 36mu), eiPcP 48 29, e 51 31, eS 58 18, eL 23 18, Lm 27.8 (LH: 16s 2.2u), m 5.2, M 5.6, D 79.4 eP 22 48 19, ePcP 48 30, eS 58 20, Lm 23 28.8 (LH: 14.5s 1.6u, LV: 14s 1.9u), M 5.5, D 79.3 eiP 22 48 26, eiPcP 48 35.5, D 80.4
MAY17	23 17 12.8 Japan 40.28 N 143.31 E, 34km, m 5.0 ISC
PRU KHC	eiPD. 23 29 18 (1.0s 20mu), eiPcP 29 28, m 5.0, D 79.5 eiP 23 29 24, D 80.5

MAY18	PRU iPg 04 21 18, eiSg 21 42.5, (D 1.8) KHC eiPg 04 21 25.5, ei 21 55.8
MAY18	04 51 09.4 Japan 41.45 N 142.50 E, 48km, m 4.8 ISC
PRU KHC	eiP 05 03 05.5, D 78.2 eiP 05 03 12, D 79.2
MAY18	05 51 24.6 Aleutian Isl. 53.73 N 168.32 W, 136km, m 4.5 ISC
PRU KHC	eP 06 03 01 D 76.6 eiP 06 03 07.5, ei 03 39.8, D 77.5
MAY18	PRU eiPg 09 05 48, i 05 50, eiSg 05 52.5, (D 0.35) PRA e 09 05 50 KHC eiPg 09 06 03, eiSg 06 19.8, (D 1.3)
MAY18	09 07 45.1 Japan 40.50 N 143.57 E, 17km, m 4.5 ISC
PRU KHC	eiP 09 19 51.5, ei 20 05, D 79.4 eiPC. 09 19 58.2 (1.0s 11mu), m 4.7, D 80.5
MAY18	14 07 51.9 Japan 41.56 N 142.63 E, 47km, m 4.8 ISC
PRU KHC	eiPD. 14 19 47.5, D 78.1 eiPD. 14 19 54.5, D 79.2
MAY18	15 33 45.7 Japan 40.72 N 143.20 E, 47km, m 4.9 ISC
KHC PRU	eP 15 45 53.5, eiPcP 46 02, D 80.1 ei(P) 15 45 55.5, D 79.1
MAY18	17 27 35.6 Japan 41.41 N 142.59 E, 45km, m 4.5 ISC
PRU KHC	eP 17 39 33, D 78.2 eP 17 39 39, D 79.3
MAY18	19 17 10.3 Japan 41.26 N 142.45 E, 40km, m 4.7 ISC
PRU KHC	eiP 19 29 08, D 78.3 eiPD. 19 29 14.7, D 79.4
MAY19	01 18 10 Japan 39.86 N 143.60 E, 16km, m 4.4 ISC
PRU KHC	eiP 01 30 19.5, eiPcP 30 29, D 80.0 eiP 01 30 25.8, eiPcP 30 34.5, D 81.0
MAY19	04 12 36 Japan 35.65 N 141.90 E, 11km, m 5.1 ISC
PRU	eP 04 25 01, ei 26 20, eiPP 28 14, eiS 35 17, eL 55, Lm 05 03.5

PRA	(LH: 18s 11u), M 6.3, D 82.9 eP 04 25 01 (PV: 6s 0.6u), eS 35 16 (SH: 8s 0.9u), e(SS) 40 38, Lm 05 06.6 (LH: 12s 6.7u, LV: 13s 8.5u), M 6.3, MPV 6.0, MSH 6.0, D 82.9
KHC	eiPC. 04 25 07, ei 26 19.2, D 83.9
MAY19	05 54 08 Japan 35.68 N 141.92 E, 19km, m 4.8 ISC
PRU	eiP 06 06 31.5, ei 06 47.5, ei 07 25, Lm 40 (LH: 18s 2.1u), M 5.6, D 82.9
KHC	eiP 06 06 37.4, ei 07 10.5, D 83.9
PRA	Lm 06 48.3 (LH: 13.5s 2.4u, LV: 13s 1.9u), M 5.8, D 82.9
MAY19	09 37 32.0 Sicily 38.52 N 14.82 E, 39km, m 4.8 ISC
KHC	eiP 09 40 01.7, D 10.6
PRU	eiP 09 40 13, e 43 10, Lm 45 (LN: 12s 1.5u), (M 4.2), D 11.5
MAY19	12 59 07 Japan 40.36 N 143.65 E, 8km, m 4.3 ISC
PRU	eP 13 11 15, D 79.5
KHC	eiP 13 11 21.5, D 80.6
MAY19	13 03 27.0 Japan 41.27 N 142.70 E, 40km, m 4.6 ISC
PRU	eiP 13 15 25, D 78.4
KHC	eiP 13 15 31.2, D 79.5
MAY19	13 11 10.0 Japan 41.41 N 142.53 E, 38km, m 4.3 ISC
KHC	eP 13 23 14, D 79.3
MAY19	15 04 12 Japan 40.28 N 143.80 E, 0km, m 4.7 ISC
PRA	eP 15 16 20, D 79.6
PRU	eiPC. 15 16 22.5 (1.0s 15mu), eiPcP 16 33, m 4.9, D 79.7
KHC	eiP 15 16 28.5, D 80.7
MAY19	16 19 30.2 Japan 36.8 N 141.70 E, 39km, m 4.6 ISC
PRU	eiPC 16 31 46.5, D 81.8
KHC	eiP 16 31 53.2, ei 32 04, D 82.9
MAY19	16 49 50 Persia 36.61 N 53.35 E, 22km, m 4.6 ISC
PRU	eP 16 56 07, D 30.9
KHC	eiP 16 56 14, D 31.4
MAY19	22 16 47.5 Japan 40.91 N 143.21 E, 35km, m 5.2 ISC
PRA	ePC. 22 28 48 (PV: 2s 0.7u), eS 38 44 (SE: 4s 0.5u), Lm 23 09

PRU	(LH: 15s 3.9u, LV: 14s 5.2u), M 5.9, MPV 6.4, (MSH 6.0), D 78.9
KHC	eiPC. 22 28 48.5, eiPcP 28 59, ei 32 14, eS 38 45, eL 59, Lm 23 01.4 (LH: 19s 5u), M 5.9, D 78.9 eiP 22 28 55.6, ei 29 09, D 80.0
MAY20	00 46 37 Japan 40.33 N 143.90 E, 28km, m 4.4 ISC
KHC	eP 00 58 51.5, D 80.7
MAY20	02 31 45.4 Japan 40.20 N 142.42 E, 54km, m 4.7 ISC
PRU	eiPC. 02 43 46.5, D 79.2
KHC	eiP 02 43 53 (1.2s 25mu), ei 44 05.6, m 5.0, D 80.3
MAY20	03 16 19.9 Japan 40.09 N 143.91 E, 28km, m 5.5 ISC
PRA	eP 03 28 26, eS 38 44, Lm 04 08.5 (LH: 14.5s 2.4u, LV: 14s 2.2u), M 5.7, D 79.9
PRU	eiPD. 03 28 27.5 (1.1s 65mu), eiPcP 28 36.5, eS 38 30, eL 59, Lm 04 03 (LH: 16s 2u), m 5.5, M 5.6, D 79.9
KHC	iPD. 03 28 34.2 (1.1s 83mu), iPcP 28 43.8, m 5.7, D 80.9
MAY20	04 14 43.3 Japan 41.43 N 143.37 E, 41km, m 4.6 ISC
PRU	eiPC. 04 26 42.3, D 78.5
KHC	eiPC. 04 26 49.2 (1.0s 13mu), m 4.8, D 79.6
MAY20	04 37 23 Japan 40.22 N 143.93 E, 4km, m 4.7 ISC
PRU	eiP 04 49 34.5, eiPcP 49 42.5, D 79.8
KHC	eiP 04 49 41, eiPcP 49 49.5, D 80.8
PRA	ePcP 04 49 43, D 79.8
MAY20	05 35 41.8 Japan 39.22 N 143.27 E, 37km, m 4.6 ISC
PRU	eiP 05 47 51, D 80.4
KHC	iPC. 05 47 57.5 (1.0s 16mu), m 5.0, D 81.4
MAY20	06 15 17.6 Japan 40.6 N 142.78 E, 39km, m 4.3 ISC
KHC	eP 06 27 26, D 80.1
MAY20	06 53 31.3 Japan 40.40 N 143.84 E, 3km, m 5.3 ISC
PRU	iPC. 07 05 41.5 (1.0s 82mu), iPcP 05 51, eS 15 40, eL 36, Lm 40 (LH: 17s 2.7u), m 5.6, M 5.7, D 79.6
KHC	iP 07 05 48.0, D 80.6
PRA	Lm 07 40 (LE: 12s 2u, LV: 13s 2.2u), (M 5.7), D 79.6
MAY20	07 13 06.6 Kermadec Isl. 30.86 S 178.2 W, 45km, m 6.0 ISC

PRA	ePKIKP 07 32 58 (PV: 3s 1u), ePKP2 33 38, Lm 08 46 (LH: 13s 1.8u, LV: 13s 3.2u), M 6.0, D 158.6
PRU	eiPKIKPC. 07 32 59, eiPKP2 33 35, eiPP 37 19, eL 08 30, Lm 42 (LH: 22s 2.7u), M 6.0, D 158.6
KHC	iPKIKPC. 07 33 01.1, iPKP2 33 40.5, ei 34 28.2, eiPP 37 17.8, D 159.7
MAY20	10 34 18.8 Kurile Isl. 48.77 N 154.93 E, 55km, m 5.6 ISC
PRU	eP 10 46 00, ei 46 28, eS 55 38, eL 11 12, Lm 22.5 (LH: 20s 7.1u), M 5.6, D 75.9
PRA	ePC. 10 46 00 (PV: 4s 1.1u), Lm 11 22.5 (LH: 17.5s 5.8u, LV: 20s 10u), M 5.9, MPV 6.3, D 75.9
KHC	iPC. 10 46 07.2 (1.3s 79mu), i 46 36.1, ei 47 35.4, m 5.7, D 76.9
MAY20	11 53 56.6 E. of Kamchatka 51.9 N 158.44 E, 64km, m 5.3 ISC
PRA	eP 12 05 23, D 73.9
PRU	eiPC. 12 05 26 (1.0s 19mu), ei 06 41.5, m 5.1, D 74.0
KHC	eiPC. 12 05 32.7 (1.2s 44mu), ei 06 45, m 5.4, D 75.0
MAY20	13 00 16.7 Tanzania 3.17 S 37.10 E, 33km ISC
KHC	eP 13 09 53.5, D 56.0
MAY20	KHC ePg 14 24 54, eiSg 25 33, (D 2.9)
PRU	e 14 24 56, e 25 25
MAY20	16 26 24.1 Japan 41.24 N 142.57 E, 54km, m 4.6 ISC
PRU	eP 16 38 21, D 78.4
KHC	eiP 16 38 27.2, D 79.4
MAY20	17 20 22.1 New Ireland 5.00 S 153.31 E, 37km, m 5.0 ISC
PRU	ePKIKP 17 39 15, D 123.4
KHC	eiPKIKP 17 39 18, D 124.4
MAY20	19 36 40 Japan 35.8 N 142.5 E, 33km, m 4.2 ISC
PRU	eP 19 49 12, D 83.1
KHC	eP 19 49 16, D 84.1
MAY20	20 05 48 Kermadec Isl. 30.84 S 178.20 W, 33km, m 6.0 ISC
PRU	ePKIKPC. 20 25 41 (3.2s 793mu), i 25 44, iPKP2 26 20, e 29 20, eiSKSP 40 08, Lm 21 35.5 (LH: 22s 23u), M 6.9, D 158.6
PRA	ePKIKP 20 25 42 (PKPV: 4.8s 4u), ePKHKP 25 56, ePKP2 26 20, e 28 19, ePP 29 54, Lm 21 35 (LH: 21s 22u, LV: 22s 24u), M 6.7, D 158.6
KHC	eiPKIKP 20 25 43.1, i 25 45.8, iPKP2 26 24.0, eiPP 30 04.2, D 159.7

MAY20	20 20 23 Kermadec Isl. 31.05 S 178.0 W, 60km, m 5.1 ISC
KHC	eiPKIKP 20 40 14, D 159.9
PRU	eiPKP2 20 40 49.5, D 158.8
MAY20	21 09 45.4 Kurile Isl. 44.6 N 150.28 E, 44km, m 5.9 ISC
PRA	iPC.S. 21 21 41.5 (PN: 8s 2.5u, PV: 4s 8.3u), eS 31 42, Lm 22 01 (LH: 15s 62u, LV: 15s 44.5u), M 7.0, (MPH 6.8), MPV 7.3, D 78.1
PRU	iPC. 21 21 44.0 (1.4s 365mu), iPcP 21 57, i 22 14, eSKS 31 44, Lm 53.5 (LH: 22s 106u), m 6.3, M 5.9, D 78.2
KHC	iPC. 21 21 48.2 (1.3s 479mu), iPcP 22 00.5, m 6.4, D 79.2
MAY20	22 28 01 Philippine Isl. 20.11 N 122.13 E, 55km, m 4.9 ISC
KHC	eP 22 40 46, D 86.5
MAY20	23 24 25.1 Kurile Isl. 45.09 N 150.31 E, 34km, m 4.5 ISC
PRU	eiP 23 36 20, eiPcP 36 33.5, D 77.8
PRA	eP 23 36 21, D 77.8
KHC	eiP 23 36 26.6, ei 36 40, D 78.9
MAY20	KHC ePg 23 53 32, eiSg 53 48.2, (D 1.2)
MAY21	23 57 39.8 Japan 40.15 N 142.71 E, 45km, m 4.3 ISC
KHC	eP 00 09 48, D 80.4
MAY21	00 05 09.8 Kurile Isl. 44.9 N 150.2 E, 47km, m 4.2 ISC
KHC	eiP 00 17 11, D 79.0
PRU	e 00 17 14, D 77.9
MAY21	00 19 31.8 Kurile Isl. 64.70 N 150.28 E, 22km, m 5.3 ISC
PRA	ePC. 00 31 30 (PV: 4s 0.9s), eS 41 39, Lm 01 10 (LH: 15.5s 2.6u, LV: 15s 1.8u), M 5.7, MPV 6.2, D 78.1
PRU	iPC. 00 31 30.5 (1.2s 70mu), eiPcP 31 43.5, eS 41 32, eL 58, Lm 01 03 (LH: 22s 3.8u), m 5.7, M 5.3, D 78.1
KHC	iPC. 00 31 37.2 (1.2s 100mu), iPcP 31 50, m 5.7, D 79.2
MAY21	02 30 07.1 Japan 41.49 N 142.70 E, 41km, m 4.8 ISC
PRU	eP 02 42 04, D 78.2
KHC	eiP 02 42 10.3, eiPcP 42 19.5, D 79.3
MAY21	03 00 08 Japan 40.24 N 143.68 E, 21km, m 4.4 ISC
PRU	eP 03 12 15, ePcP 12 25, e 12 38, D 79.7
KHC	eiP 03 12 22, eiPcP 12 31, D 80.7

MAY21	03 59 10 S.E. Uzbekistan 38.89 N 65.10 E, 1km, m 5.4 ISC
PRU	iPC. 04 06 23.5 (1.2s 26mu), eiPP 07 46, iPcP 08 43, m 4.8, D 37.1
PRA	eP 04 06 25, D 37.2
KHC	eiPC. 04 06 29.3, ei 07 17, eiPP 07 56.4, D 37.8
MAY21	04 11 21 Japan 41.17 N 143.64 E, 4km, m 5.4 ISC
PRA	eP 04 23 26, Lm 05 02 (LH: 14s 1.6u, LV: 12s 1.1u), M 5.5, D 78.8
PRU	eiPC. 04 23 26.5 (1.4s 42mu), eiPcP 23 40.5, eS 33 20, eL 50, Lm 05 03 (LH: 15s 2.2u), m 5.3, M 5.7, D 78.8
KHC	eiP 04 23 32.4 (1.1s 35mu), ei 24 06.2, ei 25 08.5, eiPP 26 34, m 5.2, D 79.9
MAY 21	05 22 03.4 Japan 41.19 N 143.71 E, 37km, m 4.5 ISC
KHC	eP 05 34 09.5, D 79.9
MAY21	08 19 58 Kurile Isl. 44.82 N 152.18 E, 14km, m 5.7 ISC
PRU	iPC.S.E. 08 31 56.7 (1.5s 357mu), ei 32 19, e 34 30, eiS 41 46, e 47 30, eL 56, Lm 09 03.5 (LH: 22s 26u), m 6.3, M 6.6, D 78.0
PRA	iPC. 08 31 57.0 (PV: 4s 2.8u), eS 41 46 (SH: 8s 2.2u), Lm 09 03.5 (LH: 21.5s 26u), M 6.5, MPV 6.8, MSH 6.3, D 78.0
KHC	iPC. 08 32 03.3 (1.3s 386mu), i 33 01.5, ei 34 29, m 6.3, D 79.1
MAY21	10 12 30.7 Kurile Isl. 44.81 N 149.96 E, 38km, m 4.2 ISC
PRU	eP 10 24 25.5, D 77.9
KHC	eiP 10 24 32.4, D 79.0
MAY21	10 52 18.0 Philippine Isl. 20.21 N 122.08 E, 39km, m 4.9 ISC
PRU	eP 11 04 54, e 15 22, D 85.4
PRA	eP 11 04 56, D 85.5
KHC	eP 11 04 59, D 86.4
MAY21	11 00 45 Kurile Isl. 44.77 N 150.31 E, 30km, m 5.2 ISC
PRA	eP 11 12 42 (PV: 2s 0.6u), ePcP 12 55, Lm 55 (LH: 12s 1.4u, LV: 12s 1.1u), M 5.5, MPV 6.4, D 78.1
PRU	eiP 11 12 43 (1.5s 95mu), eiPcP 12 54, ei 13 06, eL 37, Lm 45 (LH: 20s 2.7u), m 5.7, M 5.6, D 78.1
KHC	eiP 11 12 46, i 12 50:0, ei 13 11.7, D 79.1
MAY21	11 03 56.2 Kurile Isl. 44.88 N 150.04 E, 39km, m 5.2 ISC
PRU	eiPC. 11 15 51 (1.5s 95mu), eiPcP 16 04, ei 16 23, m 5.7, D 77.9
PRA	eP 11 15 51 (PV: 1.4s 0.4u), MPV 6.4, D 77.9
KHC	iPC. 11 15 57.7 (1.2s 112mu), iPcP 16 10.2, m 5.8, D 79.0

MAY21	13 08 38.8 Kurile Isl. 44.55 N 150.17 E, 35km, m 4.2 ISC
PRU	eP 13 20 35.5, D 78.2
KHC	eiP 13 20 42.5, eiPcP 20 55.6, D 79.3
MAY21	15 10 15.4 Japan 41.48 N 143.05 E, 35km, m 4.9 ISC
PRU	eP 15 22 14, e 22 40, D 78.4
KHC	eiP 15 22 19.4, ei 22 46.1, D 79.4
MAY21	15 27 59.7 Japan 41.13 N 143.56 E, 37km, m 5.1 ISC
PRU	eP 15 40 02, e 40 32, D 78.8
KHC	eiP 15 40 07, eiPcP 40 19, D 79.9
MAY21	18 47 25 Kurile Isl. 44.68 N 150.44 E, 10km, m 5.3 ISC
PRA	eP 18 59 24, ePcP 59 38, eS 09 18, Lm 19 33, D 78.2
PRU	eiPD. 18 59 25.2 (1.7s 65mu), eiPcP 59 38, eS 19 09 10, eL 30 Lm 33.5 (LH: 17s 1.2u), m 5.5, M 5.4, D 78.2
KHC	iPD. 18 59 31.8 (1.5s 96mu), iPcP 59 45.4, ei 19 00 13.7, ei 01 13.5, m 5.6, D 79.3
MAY22	00 07 00 Kurile Isl. 43.4 N 150.7 E, 80km ISC
KHC	eP 00 19 04, eiPcP 19 17.8, D 80.5
MAY22	00 18 06.2 Kermadec Isl. 30.7 S 178.8 W, 43km, m 4.8 ISC
KHC	ePKIKP 00 38 07, eiPKP2 38 37.8, D 159.7
PRU	ePKP2 00 38 32, D 158.6
PRA	ePKP2 00 38 33, D 158.6
MAY22	05 03 17 Japan 41.49 N 142.9 E, 9km, m 4.4 ISC
PRU	eiP 05 15 22, eiPcP 15 35.5, D 78.3
KHC	eP 05 15 33, D 79.4
MAY22	05 27 12 Kurile Isl. 44.60 N 150.61 E, 1km, m 4.6 ISC
PRU	eP 05 39 14, ePcP 39 26.5, D 78.3
KHC	eiP 05 39 21, ei 39 48, D 79.4
MAY22	10 51 54.0 Japan 41.47 N 142.88 E, 47km, m 5.8 ISC
PRA	eP 11 03 50, eS 13 41 (SH: 5s 0.9u), Lm 42.5 (LH: 14.5s 3.4u, LV: 14s 3.4u), M 5.7, MSH 6.1, D 78.3
PRU	eiPD. 11 03 50.4 (1.1s 65mu), ei 03 58.5, ei 04 12, eiS 13 41, ei 14 04, eL 32, Lm 42.5 (LH: 17s 4.7u), m 5.7, M 5.9, D 78.3
KHC	iPD. 11 03 56.5 (1.1s 75mu), i 04 13.8, ei 05 31, m 5.6, D 79.4
MAY22	PRA e 12 40 02

	KHC eiPg 12 40 07, eiSg 40 22, (D 1.1)
MAY22	13 21 58.2 Nevada 38.52 N 116.19 W, 28km, m 4.8 ISC
PRU KHC	eiP 13 34 15, D 81.8 eP 13 34 17, D 82.1
MAY22	14 01 57.6 Marocco 34.87 N 4.34 W, 71km, m 4.0 ISC
KHC PRU	eiP 14 06 20, D 19.4 eP 14 06 33, D 20.5
MAY22	14 50 09.3 Japan 41.53 N 142.81 E, 55km, m 4.8 ISC
PRU KHC	eP 15 02 05, D 78.2 eP 15 02 12, eiPcP 02 25, D 79.3
MAY22	15 49 28.8 Japan 41.12 N 143.00 E, 57km, m 4.9 ISC
PRU KHC	eiP 16 01 26.5, D 78.6 eiP 16 01 32.8, D 79.7
MAY22	18 36 07.8 W. Persia 33.16 N 49.25 E, 51km, m 4.5 ISC
KHC	eP 18 42 20, D 30.9
MAY22	18 36 15 Kurile Isl. 44.68 N 150.35 E, 18km, m 4.8 ISC
PRU PRA KHC	eiPC. 18 48 15, eiPcP 48 28.5, D 78.2 eP 18 48 19, D 78.2 eiP 18 48 21.2 (1.0s 19mu), eiPcP 48 34, m 5.1, D 79.2
MAY22	19 29 26.9 Japan 40.27 N 142.34 E, 50km, m 5.5 ISC
PRU PRA KHC	eiPC.S.E. 19 41 27 (1.5s 84mu), eiPcP 41 39.5, ePP 44 26, eiS 51 20, eiSS 56 36, eL 20 09, Lm 19 (LH: 18s 9.8u), m 5.6, M 6.2, D 79.1 iPC. 19 41 28.0 (PH: 2.5s 0.9u, PV: 4s 1.8u), eS 51 26, eScS 51 43, Lm 20 19.5 (LH: 17s 10.2u, LV: 17s 10.9u), M 6.2, MPV 6.6, MPH 6.8, D 79.1 iPC. 19 41 33.5 (1.2s 75mu), eiPcP 41 45.5, ei 44 52, m 5.5, D 80.2
MAY22	20 01 09 Kurile Isl. 44.69 N 150.37 E, 11km, m 5.2 ISC
PRU PRA KHC	eiPD. 20 13 09 (1.0s 23mu), eiPcP 13 21.5, m 5.3, D 78.2 eP 20 13 09, D 78.1 eiP 20 13 15.3 (1.0s 32mu), eiPcP 13 28, m 5.3, D 79.2
MAY22	20 26 16 Kurile Isl. 44.7 N 150.6 E, 30km, SKL
KHC	eP 20 38 21, eiPcP 38 33, D 79.3

MAY22	PRU ePg 22 21 27, eiSg 21 31.5, Lm 21 38, (D 0.35) PRA e 22 21 31 KHC eiPg 22 21 41.8, eiSg 21 57, (D 1.1)
MAY22	21 10 46 Molucca Passage 2.98 N 126.43 E, 69km, m 5.0 ISC
PRU	eP 21 24 32, D 101.6
MAY22	22 31 20 Japan 31.44 N 140.19 E, 5km, m 4.8 ISC
PRU KHC	eiP 22 44 02, D 85.7 eP 22 44 07, D 86.8
MAY22	23 18 45.8 Japan 41.61 N 142.39 E, 41km, m 4.5 ISC
KHC	eP 23 30 49, D 79.0
MAY23	07 42 25.8 Kurile Isl. 44.83 N 150.33 E, 27km, m 4.8 ISC
PRU KHC	eiP 07 54 23 (1.0s 15mu), eiPcP 54 36, m 5.1, D 78.0 eiP 07 54 29.8, eiPcP 54 42.5, D 79.1
MAY23	PRU eiPg 07 59 54, ei 59 56, eiSg 59 58.5, Lm 08 00 05.5, (D 0.35) KHC ePg 08 00 07, eiSg 00 25, (D 1.3)
MAY23	PRU eiPg 10 30 09, e 30 24 KHC ePg 10 30 16, eiSg 30 36.5, (D 1.6)
MAY23	14 14 18 Kurile Isl. 44.6 N 150.8 E, 30km, SKL
KHC	eP 14 26 24, D 79.4
MAY23	14 25 25 Japan 40.32 N 143.67 E, 17km, m 4.8 ISC
PRU PRA KHC	eiPC. 14 37 33 (1.0s 23mu), eiPcP 37 42.5, eL 15 09, Lm 18 (LH: 15s 0.9u), m 5.1, M 5.3, D 79.6 eP 14 37 33, Lm 15 17, D 79.6 iPC. 14 37 39 (1.1s 26mu), eiPcP 37 48.5, ei 40 52, m 5.2, D 80.7
MAY23	PRU e 15 15 14, eiSg 15 21, Lm 15 27.5 KHC ePg 15 15 23, eiSg 15 37, (D 1.1)
MAY23	17 24 16.8 New Zealand 41.72 S 172.03 E, 21km, m 6.1 ISC
PRA PRU	ePKIKP 17 44 11 (PKPV: 4s 1.5u), e 44 30, eiPKP2 45 11.9, ePP 48 56, eSKKS 55 19, e 56 46, Lm 19 10 (LH: 19s 52u, LV: 19s 42u), M 7.3, D 162.3 eiPKIKP 17 44 13, ei 44 26, eiPKP2 45 04.5, i 45 18.0, ei 48 27

KHC	eiPP 48 55, ei 49 07.5, eiPPP 52 40, ei 56 36, eiSKSP 59 12, ei 18 00 22, ei 05 38, ei 09 54, eQ 36, eR 45.5, Rm 19 10.5 (LH: 19s 48u), M 7.4, D 162.3 eiPKIKP 17 44 14, iPKP2 45 07.8, ei 45 48, ei 47 18.8, eiPP 48 54, ei 50 22, ei 51 52.8, D 163.2
MAY23 PRU KHC	18 32 59 Kurile Isl. 44.78 N 150.20 E, 22km, m 5.1 ISC eiPC. 18 44 57.4 (1.0s 23mu), eiPcP 45 10.5, m 5.3, D 78.0 eiPC. 18 45 03.5 (1.1s 32mu), m 5.3, D 79.1
MAY23 PRU KHC	18 42 57 Kermadec Isl. 30.76 N 177.57 W, 39km, m 5.5 ISC ePKIKP 19 02 53, eiPKP2 03 28, ePP 07 04, D 158.7 eiPKIKP 19 02 54.5, eiPKP2 03 33.2, D 159.8
MAY23 PRU	19 16 20.5 Philippine Isl. 19.90 N 121.09 E, 70km, m 4.5 ISC eP 19 28 52, D 85.6
MAY23 PRU KHC	PRU ePg 19 33 53, e 33 55, eiSg 33 57.5, (D 0.35) KHC ePg 19 34 07, eiSg 34 24, (D 1.3)
MAY23 KHC PRA PRU	23 36 08.4 Ethiopia 14.86 N 39.90 E, 33km ISC eiP 23 43 45.2, D 40.4 eiP 23 43 47, D 40.8 eiPC. 23 43 47.2, D 40.7
MAY24 PRU KHC	23 56 20 Japan 40.25 N 143.75 E, 5km, m 4.9 ISC eiPC. 00 08 30.5 (1.0s 23mu), ei PcP 08 39, eL 39, Lm 43 (LH: 18s 0.7u), m 5.1, M 5.1, D 79.7 eiPC. 00 08 37 (1.0s 27mu), eiPcP 08 45.5, m 5.2, D 80.7
MAY24 PRU KHC	04 31 05.8 W. of Tonga 20.60 S 178.88 W, 681km, m 4.3 ISC eiPKIKPD. 04 49 42.5 (0.8s 14mu), eiPKP2 49 49.5, D 148.8 eiPKIKPD. 04 49 45.2, eiPKP2 49 54, D 149.8
MAY24 PRU KHC	PRU iPg 08 48 35, eiSg 48 55, (D 1.5) KHC eiPg 08 48 43.5, eiSg 49 08.5, (D 1.9)
MAY24 KHC	11 17 03.0 Unimak Isl. 53.26 N 163.11 W, 33km, m 4.5 ISC eP 11 29 00, D 78.0
MAY24 PRU KHC	KHC e 11 44 44, eiSg 45 05 PRU eiPg 11 45 25, eiSg 45 45.5, (D 1.5)

MAY24 PRU	13 15 03.8 Poland 50.28 N 18.88 E, m 2.8 WAR ePg 13 15 56, eSg 16 32, D 2.8
MAY24 PRU KHC	PRU ei 14 00 08, eiSg 00 31 KHC eiPg 14 00 18, eiSg 00 47, (D 2.2)
MAY24 PRU PRA KHC	14 06 23.4 Japan 40.91 N 143.11 E, 27km, m 5.7 ISC eiPC.E.S. 14 18 25 (2.0s 292mu, PH: 6s 1.2u, PV: 6s 1.5u), ei 18 48, ei 19 10, ePP 21 20, eiS 28 22 (SH: 6s 2u), eiScS 28 46, eiSS 33 32, ePKKP 37 02, eL 42, Lm 57 (LH: 16s 24u, LV: 16s 10u), m 5.9, M 6.7, MPH 6.6, MPV 6.2, MSH 6.3, D 78.9 iPC. 14 18 26.9 (PN: 4s 1.2u, PV: 5s 3.3u), e 18 57, ePP 21 24, eS 28 23 (SH: 4.5s 2.9u), e(PS) 28 51, Lm 58.3 (LH: 15s 26u, LV: 15s 25u), M 6.7, MPV 6.7, (MPH 6.8), MSH 6.7, D 78.8 iPC. 14 18 31.6 (1.3s 186mu), ei 19 01, ei 19 51.2, eiPP 21 27.5, D 79.9
MAY24 PRU KHC	15 17 41.1 Jan Mayen Isl. 71.62 N 2.1 W, 33km, m 4.2 ISC eiP 15 22 46, D 23.0 eiP 15 22 54.6, D 23.7
MAY24 PRU KHC	15 43 54.8 Flores Sea 6.84 S 118.91 E, 618km, m 5.8 ISC eiP 15 56 56.5, esP 16 00 09, ePKP 01 08, D 104.4 eP 15 57 00, esP 16 00 06, ePKP 01 10, D 105.2
MAY24 PRU KHC	17 40 51.9 New Zealand 41.87 S 171.97 E, 14km, m 5.3 ISC eiPKP2 18 01 41.6, D 162.1 eiPKP2 18 01 45, D 163.2
MAY24 KHC PRU PRA	20 57 25.9 New Zealand 41.95 S 171.93 E, 14km, m 5.7 ISC iPKIKP 21 17 26.0, eiPKP2 21 18 19.8, D 163.3 eiPKP2 21 18 14.2, eiPP 22 03, D 162.2 iPKIKP 21 17 26.0, eiPKP2 21 18 19.8, D 163.3
MAY24 PRU KHC	21 34 23 Japan 40.65 N 143.94 E, 12km, m 4.6 ISC eiP 21 46 31.5, eiPcP 46 41, D 79.4 eiP 21 46 38, eiPcP 46 47.5, D 80.5
MAY24 PRU PRA KHC	21 37 11.8 Komandorsky Isl. 54.14 N 169.33 E, 5km, m 5.2 ISC eiPC 21 48 50, ei 48 54, D 74.1 eP 21 48 55, Lm 22 28.5, D 74.0 eiP 21 48 56.4 (1.1s 30mu), m 5.2, D 75.1
MAY24	23 47 00.2 Venezuela 10.99 N 69.40 W, 4km, m 4.5 ISC

KHC PRU	eiP 23 58 58.6, D 77.2 eP 23 59 01, D 77.8
MAY25	00 29 26.0 Turkey 40.86 N 42.16 E, 9km, m 4.6 ISC
PRU KHC	eP 00 34 13.5, D 21.3 eiP 00 34 19.2, D 21.7
MAY25	KHC eiPg 02 33 14.5, eiSg 33 55.5, (D 2.4) PRU e 02 33 33, ei 34 08, ei 34 23.5
MAY25	07 06 40.4 W. Caucasus 44.99 N 38.12 E, 33km ISC
PRU KHC	eP 07 10 31, e 14 49, D 16.8 eiP 07 10 39, ei 15 04.5, D 17.2
MAY25	11 52 56.2 Japan 40.16 N 143.17 E, 26km, m 5.4 ISC
PRU PRA KHC	iPC. 12 05 02.0 (1.2s 87mu), ei 05 29, eiPP 08 03, eS 15 01, eScS 15 24, eL 33, Lm 43.5 (LH: 16s 4.8u), m 5.6, M 6.0, D 79.5 eiPC. 12 05 02.5 (PV: 5s 0.7u), ePP 07 59, eS 15 02, Lm 43.8 (LH: 15s 4.7u, LV: 16s 6.4u), M 5.9, MPV 6.1, D 79.5 iPC. 12 05 08.2 (1.1s 98mu), eiPcP 05 18, eiPP 07 59.8, D 80.6
MAY25	13 37 54 Japan 39.20 N 143.36 E, 1km, m 4.3 ISC
PRU KHC	eiP 13 50 09, D 80.4 eP 13 50 15, D 81.5
MAY25	14 19 01.2 Japan 40.72 N 143.37 E, 28km, m 5.1 ISC
PRU KHC	eiPC. 14 31 04, eiPcP 31 13, D 79.2 eiP 14 31 10, eiPcP 31 19, D 80.2
MAY26	05 34 31.2 Turkey 40.96 N 42.21 E, 38km, m 4.3 ISC
PRU KHC	eP 05 39 16.5, D 21.3 eiP 05 39 20.6, ei 39 52, D 21.7
MAY26	09 02 30 Kurile Isl. 45.00 N 150.1 E, 60km, m 4.3 ISC
KHC	eP 09 14 31, ei 14 38, D 78.9
MAY26	14 41 52.8 Balleny Isl. 63.17 S 170.9 E, 9km, m 5.2 ISC
KHC PRU PRA	ePKIKP 15 01 50, eiPKP2 02 39.4, D 161.3 e 15 02 14, eiPKP2 02 40, eL 16 02, Lm 05 (LH: 20s 1.5u), M 5.9, D 161.6 ePKP2 15 02 42, D 161.6
MAY26	17 41 40.8 Japan 40.17 N 142.34 E, 54km, m 4.9 ISC

PRU KHC	eiPC. 17 53 42, eiPcP 53 54, D 79.2 eiPC. 17 53 48.5 (0.9s 24mu), m 5.1, D 80.3
MAY26	20 19 43.8 Fiji 18.2 S 176.14 E, 33km ISC
PRU KHC	eiPKP 20 39 18.5, D 145.0 eiPKP 20 39 22.2, D 146.1
MAY26	21 00 47 Kurile Isl. 44.75 N 150.35 E, 21km, m 4.4 ISC
PRU KHC	eP 21 12 44, eiPcP 12 58, D 78.1 eiP 21 12 51, eiPcP 13 03.7, D 79.2
MAY26	22 59 14.8 Japan 40.69 N 143.43 E, 43km, m 4.8 ISC
PRU KHC	eiP 23 11 16, eiPcP 11 27, D 79.2 eiP 23 11 22.8, eiPcP 11 34.2, D 80.2
MAY27	04 22 41.3 New Ireland 5.91 S 153.01 E, 34km ISC
KHC	ePKIKP 04 41 37, D 125.0
MAY27	10 38 07 Japan 39.65 N 143.3 E, 32km, m 4.4 ISC
PRU	eP 10 50 16, D 80.0
MAY27	PRU eiPg 12 59 37, eiSg 13 00 03, (D 2.0) KHC e 12 59 51, eiSg 13 00 18
MAY27	13 01 42.0 Germany 48.28 N 9.08 E STU
KHC PRU	ePg 13 02 41, eiSg 03 22, D 3.1 e 13 02 58, eiSg 03 51.5, D 4.0
MAY27	PRU eiPg 16 45 17, eiSg 45 21.5, (D 0.35) KHC eiPg 16 45 32.3, eiSg 45 49, (D 1.3)
MAY27	19 02 56 Tonga 21.31 S 174.58 W, 154km, m 4.5 ISC
PRU KHC	eiPKHKP 19 22 32, eiPKP2 22 45.5, D 150.5 ePKHKP 19 22 33, eiPKP2 22 43.6, D 151.5
MAY28	01 28 25 Kermadec Isl. 30.88 S 177.4 W, 58km, m 5.1 ISC
KHC PRU	eiPKP2 01 48 58, D 160.0 ePKP2 01 49 06, D 158.9
MAY28	01 42 28.4 New Britain 6.17 S 151.24 E, 38km, m 4.8 ISC
KHC	ePKIKP 02 01 25, D 124.3

MAY28	02 09 42.2 Kermadec Isl. 31.31 S 176.78 W, 33km, m 4.8 ISC
PRU	ePKP2 02 30 17, e 30 25, D 159.5
KHC	ePKP2 02 30 22, D 160.6
MAY28	03 33 49.7 Kermadec Isl. 31.15 S 177.42 W, 33km, m 4.7 ISC
PRU	ePKP2 03 54 20, D 159.2
KHC	ePKP2 03 54 25, D 160.2
MAY28	09 06 30.0 Kermadec Isl. 30.95 S 177.67 W, 33km, m 5.5 ISC
PRU	ePKIKP 09 26 23, ei 26 33.5, eiPKP2 27 01.5, eL 10 26, Lm 47 (LH: 17s 1u), M 5.8, D 158.9
PRA	ePKIKP 09 26 25, ePKP2 27 02, D 158.9
KHC	eiPKIKP 09 26 26, ei 26 34.8, eiPKP2 27 07.2, ei 28 01.8, eiPP 31 04, D 159.9
MAY28	KHC eiPg 10 43 59.8, eiSg 44 24, (D 1.8)
MAY28	10 52 30 Kermadec Isl. 31.2 S 176.8 W, 36km, m 4.7 ISC
KHC	e 11 12 44, eiPKP2 13 18, D 160.5
PRU	ePKP2 11 13 13, ei 13 33, D 159.4
MAY28	KHC ePg 11 55 56, eiSg 56 21.5, (D 2.0)
MAY28	PRU eiPg 12 00 30.4, eiSg 00 53, (D 1.7)
MAY28	12 21 20.6 Japan 41.47 N 142.53 E, 40km, m 4.5 ISC
KHC	eP 12 33 23, ei 33 37.4, D 79.2
PRU	e(P) 12 33 28, D 78.2
MAY28	PRU ePg 12 55 06, e 55 30, eiSg 55 37.5, (D 2.5)
KHC	e 12 55 22, eiSg 55 58
MAY28	13 27 19.8 New Guinea 2.98 S 139.34 E, 73km, m 6.2 ISC
PRU	eP 13 42 01, ei 42 08.5, eiPKIKP 45 55, eiPP 46 54, ei 47 21.5, ei 54 48, eiPS 56 24, ePKKP 56 49, ei 58 06, ei 14 03 20, ei 06 28, eQ 18, Lm 39 (LH: 21s 9lu, LV: 20s 22u), M 7.3, D 114.0
KHC	eiPC. 13 42 05.8, ei 42 11, eiPKIKP 45 52, D 115.0
PRA	eP 13 42 06, eiPP 45 54.0 (PPH: 4s 2.9u), eSSS 49 22, ePS 56 20 Lm 14 31 (LH: 25.5s 180u, LV: 19s 132u), M 7.6, MPPH 7.6, D 114.1
MAY28	21 31 41.3 Greece 38.78 N 23.57 E, 0km, m 4.4 ISC
KHC	eiP 21 34 40, D 12.6

MAY28	22 29 58.1 Aleutian Isl. 52.19 N 172.85 E, 21km, m 5.6 ISC
PRU	iPC. 22 41 49.0 (1.0s 94mu), ei 42 06, eS 51 34, eSS 56 42, eL 23 08, Lm 19.4 (LH: 17s 2.8u), m 5.9, M 5.7, D 76.6
PRA	eiPC. 22 41 49.0 (PV: 3s 0.7u), ePP 44 40, eS 51 30, Lm 23 30 (LH: 12.5s 1.4u, LV: 12s 1.1u), M 5.5, MPV 6.2, D 76.5
KHC	iPC. 22 41 54.0 (1.1s 144mu), ei 42 31, m 6.0, D 77.6
MAY28	22 55 28 Aleutian Isl. 52.39 N 172.85 E, 54km, m 4.5 ISC
PRU	eP 23 07 13, D 76.4
KHC	eiP 23 07 19.8, D 77.3
MAY28	23 00 39.3 Japan 40.91 N 142.00 E, 60km, m 4.5 ISC
PRU	eP 23 12 35, D 78.4
KHC	eiP 23 12 42, D 79.5
MAY29	00 08 29 Aleutian Isl. 52.35 N 172.98 E, 53km, m 4.7 ISC
PRU	eiP 00 20 14, D 76.4
KHC	eiPC. 00 20 20.2 (1.0s 16mu), m 5.1, D 77.4
MAY29	08 55 19.8 Japan 40.28 N 143.54 E, 42km, m 4.5 ISC
KHC	eiP 09 07 30.5, eiPcP 07 41.2, D 80.6
PRU	e(P) 09 07 35, D 79.6
MAY29	10 03 50.9 Japan 36.17 N 140.33 E, 86km, m 4.7 ISC
KHC	ei(P) 10 16 07.5, D 80.8
MAY29	PRU ePg 11 58 19, eiSg 58 39, (D 1.5)
MAY29	17 21 53.2 New Hebrides 18.57 S 169.03 E, 215km, m 5.0 ISC
KHC	eiPKP 17 41 02, ei 41 57.3, eiPP 44 22, D 143.7
PRU	eiPP 17 44 19, D 142.6
MAY29	18 37 38.0 Poland 50.25 N 18.88 E WAR
KHC	eSg 18 39 35, D 3.6
MAY30	23 57 14 Solomon Isl. 6.64 S 154.26 E, 47km, m 4.8 ISC
KHC	ePKIKP 00 16 13, D 126.3
MAY30	01 10 31.5 S. Persia 27.83 N 53.94 E, 40km, m 5.2 ISC
PRU	eiPC. 01 17 40.5, D 37.2
PRA	eP 01 17 42, D 37.3

KHC	iPC. 01 17 43.2 (1.1s 53mu), i 18 15.5, m 5.2, D 37.5
MAY30	04 24 58.9 New Zealand 41.88 S 171.87 E, 30km ISC
PRU	ePKP2 04 45 46, D 162.3
MAY30	05 23 48.0 Kurile Isl. 44.48 N 150.19 E, 45km, m 5.8 ISC
PRU	iPC.E. 05 35 44.5 (2.2s 500mu), ei 36 00, e 37 54, eS 45 36, eiSP 46 14, e 51 40, eL 06 30, Lm 08 (LH: 22s 14u), m 6.3, M 6.3, D 78.3
PRA	iPC.S. 05 35 49.2 (PH: 4s 0.8u, PV: 4s 2.8u), epP 35 57, esP 36 03, eS 45 40 (SH: 9s 1.4u), ePS 46 21, Lm 06 12.8 (LH: 15.5s 12u, LV: 17s 7.6u), M 6.3, MPH 6.6, MPV 6.8, MSH 6.1, D 78.3
KHC	iP 05 35 51.2 (2.0s 567mu), ipP 36 05.8, m 6.3, D 79.4
MAY30	KHC eiPg 09 57 16, iSg 57 25.6, (D 0.72) PRU iPg 09 57 25.6, eiSg 57 43, (D 1.4)
MAY30	17 40 26 Dodecanese Isl. 35.45 N 27.88 E, 27km, m 5.3 ISC
KHC	eiP 17 44 26 (1.0s 210mu), i 44 52.8, m 5.2, D 17.3
PRU	iPC. 17 44 29.0 (1.0s 83mu, PH: 4s 2.1u, PV: 4s 1.1u), ei 45 04.5, eiS 47 48, (SH: 11s 5u, SV: 11s 15u), eQ 48 50, Lm 51.5 (LH: 12s 35u, LV: 12s 7.8u), m 4.8, M 5.9, MPH 5.7, MPV 5.3, MSH 5.3, D 17.5
PRA	eP 17 44 34 (PH: 4s 3.7u, PV: 4s 3.4u), ePP 44 59, ePPP 45 08, eS 47 53 (SH: 6.5s 4.2u), Lm 52.0 (LH: 11.5s 35u, LV: 11s 14.3u), M 5.9, MPH 6.0, MPV 5.9, MSH 6.0, D 17.6
MAY30	17 58 37 Philippines 5.25 N 126.77 E, 56km, m 5.2 ISC
PRU	eiPC. 18 12 17.5 (1.0s 15mu), m 5.6, D 100.0
KHC	eiP 18 12 22.5, D 100.9
MAY30	18 15 47 Yugoslavia 45.4 N 17.0 E, 33km ISC
KHC	iPnD. 18 16 52.8, ei 17 35, D 4.4
PRU	eiPn 18 16 59.5, ei 17 08, ei 17 39, ei 18 09, D 4.8
PRA	e 18 17 46, D 4.9
MAY30	19 13 29.1 Kurile Isl. 45.19 N 153.56 E, 33km, m 5.0 ISC
PRU	eiP 19 25 34, D 78.7
KHC	eiP 19 25 35, eiPcP 25 45.4, D 79.8
MAY30	19 53 05 S. Persia 29.70 N 51.24 E, 22km, m 5.2 ISC
PRU	eiPC. 19 59 50, ei 59 57, D 34.2
PRA	eP 19 59 51, D 34.3
KHC	eiPC. 19 59 52.5 (1.2s 63mu), i 20 00 26.0, ei 03 01, m 5.4, D 34.5

MAY30	19 42 25.2 Kermadec Isl. 31.02 S 177.65 W, 43km, m 5.6 ISC
PRU	ePKIKP 20 02 18, eiPKP2 02 55.5, eiPP 06 30, e 10 12, eiPPP 10 46, eL 21 03, Lm 26 (LH: 18s 3.7u), M 6.1, D 159.0
PRA	ePKIKP 20 02 20 (PKPV: 4s 1.2u), ePKP2 02 56, Lm 21 33.5 (LH: 18s 3.8u, LV: 18s 2.9u), M 6.1, D 158.9
KHC	eiPKIKP 20 00 20, eiPKP2 03 01, D 160.0
MAY30	21 42 27.7 E. Mediterranean Sea 35.32 N 28.00 E, 55km ISC
KHC	eiP 21 46 27.5, D 17.4
PRU	eP 21 46 33.5, D 17.6
MAY31	03 01 35.7 N. India 29.91 N 79.92 E, 33km, m 5.0 ISC
PRU	eiP 03 10 45.5, D 52.2
MAY31	07 41 Explosion of 7.1 Tons: Czechoslovakia 49.83 N 14.83 E
PRU	iPg 07 41 11.0, iSg 41 14, Lm 41 16, D 0.24
KHC	eiPg 07 41 28.4, eiSg 41 43.2, D 1.1
PRA	eL 07 41 20, D 0.34
MAY31	KHC ePg 09 56 19, eiSg 56 37.2, (D 1.4) PRU ei 09 56 27, Lm 56 35
MAY31	PRU eiPg 10 03 11.0, iSg 03 16.0, Lm 03 23, (D 0.38) KHC eiPg 10 03 23, eiSg 03 38, (D 1.1)
MAY31	09 59 10 New Hebrides 20.76 S 169.96 E, 97km, m 4.8 ISC
PRU	eiPKP 10 18 34, D 144.9
KHC	eiPKP 10 18 37.8, ei 19 08.2, D 146.0
MAY31	KHC eiPg 14 31 14, eiSg 31 31.5, (D 1.3) PRU e 14 31 53
MAY31	17 45 00.3 W. of Tonga 17.6 S 176.6 W, 33km, m 4.3 ISC
PRU	ePKHKP 18 04 40, D 146.5
KHC	eiPKHKP 18 04 45, D 147.5
MAY31	18 20 42.7 New Hebrides 13.67 S 167.19 E, 204km, m 4.8 ISC
PRU	eiPKIKP 18 39 43, D 137.5
KHC	eiPKIKP 18 39 45.8, D 138.5
MAY31	19 51 59.0 Japan 41.43 N 142.85 E, 35km, m 4.8 ISC

PRU KHC PRA	eiP 20 03 58, Lm 42.8 (LH: 15s 1u), M 5.3, D 78.3 eiP 20 04 04, D 79.4 Lm 20 43, D 78.3
MAY31 PRU	23 12 44 Azores 39.0 N 29.7 W, 0km ISC eP 23 19 15, e 19 22, D 33.0

JUN01 KHC	04 30 32 Dodecanese Isl. 35.1 N 27.9 E, 34km ISC eiP 04 34 32, D 17.6
JUN01 PRU KHC	09 26 Explosion of 6.9 Tons: Czechoslovakia 50.17 N 14.40 E PRU eiPg 09 26 23, eiSg 26 26.5, Lm 26 30, D 0.20 eiPg 09 26 42.2, eiSg 26 59.6, Lm 27 10, D 1.2
JUN01 PRU PRA KHC	10 31 49.3 Japan 40.22 N 142.34 E, 48km, m 5.5 ISC iPC, 10 43 50.7 (1.5s 119mu), i 43 55.5, eiPcP 44 03.5, eiPP 46 50, eS 53 46, eScS 54 03, eL 11 02, Lm 11.8 (LH: 17s 2.9u), m 5.7, M 5.7, D 79.1 eP 10 43 52 (PV: 4s 1.6u), eS 53 47, Lm 11 22 (LN: 15s 1.9u, LV: 15s 1.8u), (M 5.6), MPV 6.0, D 79.1 iPC. 10 43 57.0 (1.2s 106mu), eiPcP 44 09, ei(PP) 46 46.5, m 5.6, D 80.2
JUN01 KHC	PRU iPg 11 00 44.5, iSg 01 09.5, (D 1.9) KHC eiPg 11 00 50, ei 01 13, ei 01 25.8
JUN01 KHC PRU	11 22 33 Kermadec Isl. 31.10 S 177.4 W, 18km, m 4.8 ISC ePKIKP 11 42 43.5, eiPKP2 43 11.6, D 160.2 ePKP2 11 43 06, ei 43 19, D 159.1
JUN02 KHC PRU	01 11 20.1 W. of Tonga 18.43 S 177.74 W, 569km, m 4.3 ISC eiPKIKP 01 29 58, eiPKHKP 30 02.8, D 148.0 ePKIKP 01 29 59, D 147.0
JUN02 KHC PRU PRA	01 37 07.5 Yugoslavia 45.58 N 14.93 E, 0km ISC ePn 01 38 05, eiPg 38 20.5, eiSn 38 50.4, iSg 39 09.3, D 3.7 iPn 01 38 16.5, iPg 38 34.5, eiSn 39 09, eiSg 39 37, D 4.4 eSg 01 39 40, D 4.5
JUN02 KHC PRU	Probably aftershock. ePn 01 47 34, eiPg 47 48, eiSn 48 19.2, eiSg 48 38, (D 3.7) eiPn 01 47 42, eiPg 48 01, e 48 39, eiSg 49 03, (D 4.5)
JUN02 PRU KHC	06 28 23.0 Kurile Isl. 43.90 N 146.98 E, 94km, m 4.7 ISC eP 06 40 11, D 77.7 eiP 06 40 17, D 78.8
JUN02 KHC	07 59 59.9 Japan 41.19 N 143.45 E, 42km, m 4.6 ISC eP 08 12 08.5, D 79.8

JUNO2	08 18 39.8 Solomon Isl. 8.18 S 158.64 E, 68km, m 5.4 ISC PRA ePKIKP 08 37 40, D 128.7 PRU eiPKIKP 08 37 40 (1.2s 32 mu), ei 38 01.5, D 128.7 KHC iPKIKPD. 08 37 43.5, ei 38 06.5, ei 40 17, D 129.8
JUNO3	05 47 38.3 Japan 41.42 N 142.61 E, 28km, m 4.7 ISC PRU eiP 05 59 37, D 78.2 KHC eiP 05 59 43.2, D 79.3
JUNO3	08 31 59.9 Japan 35.90 N 141.39 E, 48km, m 4.7 ISC PRU eiP 08 44 18.5, D 82.4 KHC eiP 08 44 24.5, eipP 44 36, D 83.5
JUNO3	09 17 45.2 E. New Guinea 5.46 S 146.91 E, 182km, m 5.5 ISC PRU ePKIKP 09 36 15, D 120.3 KHC eiPKIKPD. 09 36 17.6, D 121.3
JUNO3	10 41 01 Dodecanese Isl. 35.38 N 27.97 E, 26km, m 4.4 ISC KHC eiP 10 45 02, ei 45 29.5, D 17.4 PRU eP 10 45 06, ei 45 31, Lm 53 (LH: 10s 0.7u), M 4.2, D 17.6 PRA Lm 10 53, D 17.6
JUNO3	14 16 18.4 Kurile Isl. 45.51 N 148.43 E, 152km, m 5.4 ISC PRU iPC. 14 27 54 (1.2s 61mu), ePP 31 16, m 5.2, D 76.8 KHC eiP 14 28 00.5 (1.0s 86mu), ei 29 31, eiPP 31 25.5, m 5.4, D 77.9
JUNO3	16 48 57.0 N. California 40.33 N 127.08 W, 15km, m 4.6 ISC KHC e(P) 17 01 39, D 84.4
JUNO4	01 44 25.6 Caspian Sea 37.50 N 49.19 E, 49km, m 4.6 ISC KHC eP 01 50 14, D 28.1 PRU e 01 50 30, D 27.7
JUNO4	02 34 18.2 Oregon 43.31 N 119.77 W, 36km, m 4.5 ISC PRU eP 02 46 24, D 79.8
JUNO4	06 50 08.3 W. Persia 32.86 N 48.28 E, 45km, m 5.1 ISC KHC iPD. 06 56 18.7, ei 56 51, D 30.5

JUNO4	08 39 13.9 Loyalty Isl. 21.56 S 169.78 E, 33km ISC PRU eiPKP 08 58 49, D 145.6 KHC eiPKP 08 58 53, D 146.6
JUNO4	PRU ePg 09 35 30, eiSg 35 57.5, (D 2.3)
JUNO4	PRU eiPg 09 47 59.5, eiSg 48 26.5, ei 48 29.5, (D 2.3)
JUNO4	KHC ePg 09 48 10, eiSg 48 37, (D 2.1)
JUNO4	10 58 24.8 Oregon 42.36 N 119.7 W, 33km ISC PRU eP 11 10 27, ei 10 35, D 79.7
JUNO4	13 20 26.6 Bonin Isl. 27.58 N 139.77 E, 480km, m 4.4 ISC PRU eP 13 32 28.5, D 88.8 KHC eiPD. 13 32 34 (1.2s 16mu), m 4.8, D 89.8
JUNO4	15 10 12.2 Japan 41.75 N 142.75 E, 55km, m 4.5 ISC PRU eiP 15 22 06.5, D 78.0 KHC eiP 15 22 12.6, D 79.1
JUNO4	15 30 50.0 Japan 41.41 N 142.81 E, 44km, m 4.8 ISC PRU eP 15 42 48, D 78.3 KHC eP 15 42 53, D 79.4
JUNO4	17 15 08.7 Taiwan 22.43 N 121.48 E, 35km, m 5.2 ISC PRU eiP 17 27 33.2 (1.5s 52mu), m 5.5, D 83.4 KHC eiPC. 17 27 38.5 (1.0s 14mu), eiPcP 27 41.5, ei 28 11.7, m 5.1, D 84.3
JUNO4	19 55 37 Poland 50.34 N 18.89 E, m 2.6 WAR KHC eSg 19 57 33, D 3.7
JUNO5	PRU ei 05 31 33.5, eSg 31 36.5 KHC ePg 05 31 44, eiSg 31 59.5, (D 1.2)
JUNO5	06 38 29.3 Solomon Isl. 6.98 S 155.37 E, 76km, m 4.7 ISC KHC eiPKIKP 06 57 26.5, D 127.1

JUN05	06 51 27.3 Samoa 13.8 S 172.4 W, 84km, m 4.3 ISC
KHC	ePKP 07 10 51, D 144.4
JUN05	07 15 07.1 E. of Kamchatka 56.99 N 161.6 E, 92km, m 4.7 ISC
PRU	eP 07 26 09.5, D 70.0
KHC	eiP 07 26 16, D 71.0
JUN05	07 16 12 Japan 39.8 N 142.9 E, 42km, m 4.4 ISC
PRU	eiP 07 28 17, D 79.8
KHC	eiP 07 28 23, D 80.8
JUN05	07 19 47.2 W. of Tonga 17.61 S 178.72 W, 516km, m 4.0 ISC
PRU	ePKP 07 38 30, D 146.0
KHC	eiPKP 07 38 32.5, D 147.0
JUN05	KHC eiPg 08 58 42, eiSg 59 01.5, (D 1.5)
JUN05	KHC eiPg 09 24 05, eiSg 24 27.5, (D 1.7) PRU eiSg 09 24 36
JUN05	09 23 06 Japan 41.26 N 142.71 E, 24km, m 4.8 ISC
PRU	eP 09 35 12, D 78.4
KHC	eiP 09 35 12.5, ei 35 30, D 79.5
JUN05	PRU eiPg 10 10 52, eiSg 11 18, (D 2.0) KHC ePg 10 11 03, eiSg 11 31, (D 2.2)
JUN05	12 49 39 Philippines 11.08 N 122.34 E, 54km, m 5.0 ISC
KHC	eP 13 02 51.5, D 93.6
JUN05	12 43 20.2 New Zealand 41.86 S 172.08 E, 66km, m 5.0 ISC
PRU	ePKP2 13 04 04.5, D 162.4
KHC	ePKP2 13 04 09, D 163.5
JUN05	PRU eiPg 14 06 05, iSg 06 07.5, (D 0.19) KHC ePg 14 06 21.5, eiSg 06 35.5, (D 1.1)
JUN05	16 13 50 Solomon Isl. 6.95 S 155.11 E, 130km, m 4.6 ISC
KHC	eiPKIKP 16 32 42, D 127.0

JUN05	22 06 26.1 New Ireland 4.52 S 153.05 E, 63km, m 4.6 ISC
PRU	ePKIKP 22 25 18, D 122.8
KHC	ePKIKP 22 25 19, ei 25 34, D 123.8
JUN05	23 05 37.2 Aleutian Isl. 52.31 N 174.31 E, 36km, m 5.0 ISC
PRU	eiPD. 23 17 25.4, eiPcP 17 36, D 76.6
KHC	eiP 23 17 30.2 (1.0s 16mu), eiPcP 17 43, m 5.1, D 77.6
PRA	ePcP 23 17 37, D 76.6
JUN05	23 04 06.2 New Hebrides 18.83 S 169.63 E, 219km ISC
KHC	eiPKP 23 23 15.3, D 144.1
JUN06	PRU eiPg 08 23 47.5, eiSg 24 14.5, (D 2.1)
JUN06	PRU e 08 46 20, eiSg 46 25 KHC ePg 08 46 35, eiSg 46 51.2, (D 1.2)
JUN06	PRU ePg 10 39 48, eiSg 40 07, (D 1.5)
JUN06	11 58 30 Tonga 20.3 S 173.12 W, 5km, m 4.8 ISC
PRU	eiPKHKP 12 18 23.2, eiPKP2 18 38.6, D 149.8
KHC	eiPKHKP 12 18 25.6, eiPKP2 18 40.8, D 150.8
JUN06	KHC eiPg 13 16 57, eiSg 17 13.5, (D 1.3) PRU ePg 13 17 06, eiSg 17 31, (D 1.9)
JUN06	KHC ePg 15 46 08, eiSg 46 24.6, (D 1.3)
JUN06	18 21 24.6 Japan 40.63 N 142.40 E, 75km, m 4.7 ISC
PRU	eiPC. 18 33 21, eisP 33 48, D 78.8
KHC	eiPC. 18 33 27.2 (1.0s 19mu), eisP 33 54, m 5.0, D 79.9
JUN06	19 44 04.7 Philippines 14.90 N 119.88 E, 53km, m 5.3 ISC
PRU	eiPC. 19 56 52. (1.2s 35mu), ei 58 45.4, eS 20 07 28, eL 31.5, Lm 38.7 (LH: 16s 1.4u), m 5.5, M 5.4, D 88.3
PRA	eP 19 56 53, eS 20 07 34, Lm 38, D 88.3
KHC	eiPC. 19 56 56.2 (1.0s 19mu), ei 57 11.4, m 5.3, D 89.2
JUN06	21 17 15.4 Japan 41.36 N 142.63 E, 44km, m 5.3 ISC
PRU	eiPD. 21 29 12 (1.1s 41mu), eisP 29 38, eiPP 32 10, eiS 39 04.8, eL 58.3, Lm 22 08 (LH: 17s 1.8u), m 5.5, M 5.5, D 78.3
PRA	eP 21 29 12, ePP 32 11, eS 39 08, Lm 22 08.5, D 78.3

KHC	eiPD. 21 29 18, eipP 29 34, eiPP 32 18.2, m 5.4, D 79.4
JUN06	22 52 01.7 Kurile Isl. 44.56 N 148.15 E, 69km, m 5.1 ISC
PRU KHC	eiP 23 03 52, D 77.5 iPC. 23 03 58.0 (0.9s 48mu), ei 04 52.2; m 5.5, D 78.6
JUN07	04 37 20.0 New Hebrides 20.90 S 169.24 E, 50km ISC
PRU KHC	ePKP 04 56 53, D 144.7 eiPKP 04 56 57, D 145.8
JUN07	05 26 20.3 W. of Tonga 17.0 S 176.90 W, 53km, m 4.6 ISC
PRU KHC	ePKP 05 45 56, eipPKP 46 04, D 145.8 ePKP 05 45 59, eipPKP 46 10.5, D 146.8
JUN07	09 34 46 N. Italy 44.75 N 10.32 E, 25km ISC
KHC PRU PRA	eiPn 09 36 00.5, eiPg 36 26.2, ei 37 13, iSg 37 25.8, D 4.9 eiPn 09 36 13.9, eiPg 36 44, eiSn 37 22, eiSg 37 57, D 6.0 eSn 09 37 17, D 6.0
JUN07	10 15 Explosion of 8 Tons: Czechoslovakia 50.45 N 13.02 E PRU
PRU PRA KHC	e 10 16 00, eiSg 16 04.6, D 1.0 ei 10 16 05.4, D 0.98 eiPg 10 16 16.5, ei 16 19.8, iSg 16 34.5, D 1.4
JUN07	KHC eiPg 10 59 17.5, eiSg 59 24, (D 0.50) PRU eiPg 10 59 28, eiSg 59 43.2, (D 1.1)
JUN07	11 57 31 Celebes 1.86 S 120.10 E, 27km, m 5.9 ISC
PRU KHC PRA	eP 12 11 22, ei 14 18, eiPP 15 20, eiSKS2 22 52, eiSP 24 27, eiSS 30 12, eQ 44, Qm 50(LH: 32s 52u), eR 55.5, Rm 59 (LH: 20s 37u), M 6.9, D 101.4 eP 12 11 29, ei 12 19, ei 14 46, eiPP 15 37.2, ePKKP 27 29, D 102.2 ePP 12 15 40, e 19 44, ePS 24 45, Lm 59 (LH: 20s 43u), M 6.9, D 101.4
JUN07	PRU eiPg 16 29 48.3, eiSg 30 03, (D 1.1) KHC eiPg 16 29 52, eiSg 30 11, (D 1.5)
JUN07	16 30 22.5 W. of Tonga 20.53 S 178.32 W, 559km, m 4.3 ISC
PRU KHC	eiPKHKP 16 49 08, D 148.9 eiPKHKP 16 49 10.5, eiPKP2 49 19.4, D 149.9

JUN07	18 22 46.9 W. of Tonga 17.1 S 176.9 W, 72km, m 4.7 ISC
PRU PRA KHC	eiPKP 18 42 21, D 146.0 ePKP 18 42 21, D 145.9 eiPKP 18 42 23, ei 43 08, D 147.0
JUN07	21 30 50 Celebes 2.09 S 120.46 E, 12km, m 5.5 ISC
PRU KHC PRA	e 21 48 12, eiPP 49 02.2, e 57 06, eSS 22 03 38, eL 21.3, Lm 36.5 (LH: 22s 6.3u), M 6.1, D 101.8 eiPP 21 49 04.6, ei 49 36, D 102.6 ePP 21 49 06, Lm 22 33, D 101.9
JUN08	00 16 36 Solomon Isl. 8.71 S 157.57 E, 9km, m 5.4 ISC
PRU KHC PRA	ePKIKP 00 35 46, eiPP 37 57, D 128.7 eiPKIKP 00 35 47, ei 36 11.4, D 129.7 ePP 00 37 59, D 128.7
JUN08	00 41 28.7 N. of Franz Joseph Land 87.00 N 51.4 E, 32km, m 5.2 ISC
PRU KHC	eiP 00 48 44.6, ei 48 52.8, D 37.8 eiP 00 48 52 (1.0s 16mu), eiPP 50 22.4, m 4.6, D 38.7
JUN08	02 44 34 Japan 40.67 N 143.76 E, 10km, m 4.9 ISC
PRU KHC PRA	eiPC. 02 56 42 (1.0s 24mu), eiPcP 56 51.6, m 5.2, D 79.3 eiPC. 02 56 48 (1.0s 27mu), eiPcP 56 57.6, ei 57 23.5, m 5.1, D 80.4 Lm 03 39 (LH: 13.5s 1u, LV: 13s 0.8u), M 5.3, D 79.3
JUN08	05 29 45.6 Kurile Isl. 43.45 N 147.14 E, 36km, m 5.4 ISC
PRA PRU KHC	eiPC.S. 05 41 41.0 (PN: 2.0s 0.4u, PV: 2.8s 1.3u), eS 51 32 (SN: 5s 0.9u), Lm 06 19 (LH: 15s 3.1u, LV: 18s 2.9u), m 5.7, (MPH 6.6), MPV 6.6, (MSH 6.1), D 78.1 iPC.S. 05 41 43.4 (2.0s 250mu), eiPcP 41 53.2, eiS 51 30, eL 06 08, Lm 19 (LH: 18s 3.7u), m 6.0, M 5.8, D 78.2 iPC. 05 41 49.0 (1.6s 280mu), iPcP 41 58.3, m 6.2, D 79.2
JUN08 KHC	06 12 19.8 Franz Joseph Land 86.99 N 48 E, 33km, m 4.4 ISC eiP 06 19 42.5, D 38.6
JUN08 KHC	06 39 12.0 Dodecanese Isl. 35.4 N 27.95 E, 0km ISC eP 06 43 16.5, D 17.3
JUN08 PRU KHC	11 02 30.9 E. of Kamchatka 51.24 N 158.89 E, 35km, m 4.2 ISC eP 11 14 09, eiPcP 14 20, D 74.7 eiP 11 14 15.2, iPcP 14 27, D 75.7

JUN08	PRU eiPg 12 51 11.5, eiSg 51 29.6, (D 1.3) KHC eiPg 12 51 28.2, ei 51 56.5, ei 52 07
JUN08	13 30 23 Loyalty Isl. 21.87 S 169.7 E, 33km ISC PRU ePKP 13 49 57.5, D 145.8 KHC eiPKP 13 50 01, D 146.8
JUN08	KHC eiPg 14 07 03.5, eiSg 07 19, (D 1.1)
JUN08	20 48 48.2 N.E. of Taiwan 26.14 N 124.46 E, 204km, m 5.2 ISC PRU eiP 21 00 48.6, D 82.1 KHC eP 21 00 52.5, D 83.1
JUN08	20 54 46.0 Japan 41.43 N 142.29 E, 39km, m 5.2 ISC PRU eiP 21 06 42, eiPcP 06 54, D 78.1 PRA eP 21 06 44, D 78.1 KHC eiPD. 21 06 48.8(1.1s 25mu), eiPcP 06 57, eiPP 09 47, m 5.1, D 79.2
JUN08	21 29 59 Tonga 19.8 S 173.0 W, 60km, m 4.4 ISC KHC eiPKIKP 21 49 46.5, ei 50 06.5, D 150.3
JUN08	21 42 07.4 Ryukyu Isl. 28.44 N 129.62 E, 44km, m 5.1 ISC PRU eiP 21 54 30, D 83.1 KHC eP 21 54 35, eisP 54 48.4, D 84.1
JUN08	23 24 05.3 S. of Africa 48.94 S 31.22 E, 37km, m 5.6 ISC KHC eiP 23 37 42, ei 37 46, ei 42 44, eiPKKP 23 54 37.5, D 98.9 PRA eP 23 37 45, ePP 41 51, eSKS 48 16, ePS 50 48, eSS 56 30, Lm 00 26.5 (LH: 18s 13u, LV: 16s 7u), M 6.5, D 99.7 PRU eiP 23 37 46.5, ei 38 20.6, eiPP 41 48.4, eSKS 48 16, eiPS 50 36, ePKKP 54 34, eiSS 56 00, eL 00 10, Lm 26.6 (LH: 18s 11.5u), M 6.4, D 99.6
JUN09	23 53 05.3 Kurile Isl. 43.67 N 146.6 E, 40km, m 4.5 ISC KHC eP 00 05 06.5, D 78.8
JUN09	00 56 32 Persia-USSR 39.09 N 46.10 E, 31km, m 5.0 ISC PRU eiPC. 01 01 52 (1.2s 78mu), ei 02 08.7, m 5.3, D 24.8 PRA eP 01 01 55, D 24.9 KHC iPC. 01 01 56.8 (1.5s 336mu), ei 02 06, m 6.0, D 25.2

JUN09	02 36 09 w. of Tonga 16.65 S 178.0 W, 512km, m 3.9 ISC PRU eiPKP 02 54 55.5, D 145.2 KHC eiPKP 02 55 00.5, D 146.3
JUN09	04 13 08.9 Nicobar Isl. 6.46 N 95.21 E, 33km, m 4.5 ISC PRU eP 04 25 11, D 79.1 KHC eiP 04 25 14, D 79.7
JUN09	06 06 59.7 Kermadec Isl. 30.99 S 177.83 W, 33km ISC KHC ePKP2 06 27 35, eipPKP2 27 48.4, D 159.9
JUN09	08 53 10.1 Kermadec Isl. 30.6 S 178.0 W, 79km, m 4.4 ISC KHC e 09 13 29, eiPKP2 13 39, D 159.5
JUN09	09 17 28.5 S. of Fiji 24.17 S 178.73 E, 542km, m 5.0 ISC KHC eiPKIKP 09 36 16, eiPKHKP 36 23.5, eiPKP2 36 37.5, eipPKP2 38 31, D 152.5 PRU eiPKHKP 09 36 21.8 (1.0s 31mu), eipPKP2 38 26.5, D 151.4 PRA ePKHKP 09 36 23, epPKP2 38 31, e 38 37, D 151.4
JUN09	10 21 39.4 Guatemala 14.56 N 91.96 W, 103km, m 4.9 ISC KHC eP 10 34 24, e 35 15, D 89.0 PRU eP 10 34 25, D 89.3
JUN09	PRU ePg 11 11 32.2, eiSg 11 56, (D 1.8)
JUN09	10 55 43.0 Kermadec Isl. 31.38 S 177.4 W, 16km, m 4.7 ISC PRU ePKP2 11 16 17.5, D 159.4 KHC eiPKP2 11 16 23, ei 16 27, D 160.4
JUN09	11 38 22 Persia - USSR 39.24 N 46.23 E, 28km ISC PRU eP 11 43 43, D 24.8 KHC eiP 11 43 46.5, D 25.2
JUN09	13 48 13.4 Japan 40.20 N 143.93 E, 50km, m 4.6 ISC PRU eiP 14 00 19, eiPcP 00 28.6, eL 30.7, Lm 41.6 (LH: 14s 1.4u), M 5.5, D 79.8 PRA eP 14 00 21, Lm 41, D 79.8 KHC eiP 14 00 24.5, eiPcP 00 33, D 80.9
JUN09	17 59 14.3 Japan 41.49 N 142.57 E, 27km, m 4.9 ISC

PRU KHC	eiP 18 11 13, eiPcP 11 20, D 78.2 eiP 18 11 19.3, e 11 47, D 79.2
JUN09 KHC PRU	22 01 56.3 Kermadec Isl. 31.24 S 177.70 W, 33km, m 5.0 ISC ePKIKP 22 21 56, eiPKP2 22 34, e 22 47, D 160.2 eiPKP2 22 22 28.5, ei 22 42.7, D 159.1
JUN10 KHC	01 06 22 Poland 50.33 N 18.84 E, m 2.0 WAR eiSg 01 08 16, D 3.6
JUN10 PRU KHC	02 38 42.9 Japan 40.17 N 142.35 E, 52km, m 4.4 ISC eiP 02 50 44.8, D 79.2 eiP 02 50 50, eipP 51 03, D 80.3
JUN10 PRU KHC	04 20 57 Kurile Isl. 44.23 N 148.78 E, 43km, m 4.3 ISC eiP 04 32 52, D 78.0 eiP 04 32 57.7 (1.0s 12mu), eiPcP 33 09, m 4.9 D 79.1
JUN10 KHC	06 25 00 Tonga Isl. 17.8 S 173.9 W, 134km, m 4.1 ISC ePKHKP 06 44 32, ei 44 57, D 148.2
JUN10 KHC	eP 09 03 38, ei 04 02.5
JUN10 KHC	11 10 36.1 Japan 39.56 N 144.55 E, 33km, m 4.4 ISC ei 11 22 53.5, D 81.6
JUN10 PRU PRA KHC	12 41 04.3 Alaska 56.29 N 161.55 W, 165km, m 5.5 ISC eiP 12 52 23, eipP 53 07, eisP 53 30.5, D 74.1 ePC. 12 52 24 (PV: 2s 0.2u), epP 53 08, MPV 5.5, D 74.0 eiP 12 52 28.2 (1.2s 51mu), ipP 53 13, m 5.1, D 74.9
JUN10 PRU KHC	PRU eP 14 38 45 KHC eiP 14 38 49 (1.4s 17mu)
JUN10 PRU PRA KHC	14 22 41.4 Tonga 16.37 S 173.21 W, 48km, m 4.4 ISC eiPKPC. 14 42 17.3 (1.0s 31mu), eipPKP 42 31, D 145.9 ePKP 14 42 19, D 145.8 eiPKP 14 42 20.2, eipPKP 42 34, D 146.9
JUN10 KHC	15 07 00.5 N. Atlantic Ridge 22.70 N 45.15 W, 33km, m 4.7 ISC

KHC PRU PRA	eP 15 16 14, D 52.8 eiP 15 16 19.5, D 53.6 eP 15 16 22, D 53.5
JUN10 PRU KHC	15 29 19 Kermadec Isl. 31.16 S 177.65 W, 21km, m 4.7 ISC ePKP2 15 49 52, D 159.1 eiPKP2 15 49 57.5, D 160.1
JUN10 KHC	17 36 30.6 China 38.96 N 75.26 E, 63km, m 4.8 ISC eP 17 44 36, D 44.3
JUN11 PRU KHC	PRA e 01 03 49 PRU ePg 01 03 52, ei 03 53.5, eiSg 03 56, (D 0.31) KHC eiPg 01 04 02.5, eiSg 04 19, (D 1.2)
JUN11 PRU KHC	03 05 57.7 E. Kazakhstan 49.80 N 78.13 E, 0km, m 5.2 ISC eiPC. 03 13 33.4 (1.0s 23mu), m 4.8, D 39.8 iPC. 03 13 43.0 (0.7s 31mu), eiPP 15 17, m 5.0, D 40.8
JUN11 KHC PRU PRA	05 52 34.6 El. Salvador 13.96 N 88.69 W, 212km, m 5.1 ISC iPC. 06 04 59 (1.5s 27mu), eipP 05 49, eiPP 08 28, m 5.9, D 87.4 iPC. 06 05 01, eipP 05 52, ePP 08 32, D 87.7 eP 06 05 01, epP 05 54, D 87.6
JUN11 KHC PRU PRA	06 09 27.6 Turkey 38.15 N 42.85 E, 53km, m 4.7 ISC eP 06 14 37, ei 15 35.5, D 23.7 e(P) 06 14 42, D 23.4 e(P) 06 14 42, D 23.5
	JUN11 - JUN12: PRU out of operation.
JUN11 KHC	10 24 13 S. Sumatra 5.82 S 103.99 E, 62km, m 5.1 ISC eP 10 37 33, eiPP 41 25, D 94.6
JUN11 KHC	ePg 10 43 59, eiSg 44 23, (D 1.8)
JUN11 KHC	ePg 12 04 55, eiSg 05 15.5, (D 1.5)
JUN11 KHC	17 47 09 Yugoslavia 43.1 N 17.5 E, 56km. ISC eiPn 17 48 45.5, ei 48 50, eiPg 49 20.5, ei 49 39, eiSn 49 58.5

PRA	ei 50 10, eiSg 50 44, D 6.6 eSb 17 50 48, D 7.3
JUN11	Probably aftershock.
KHC	e 18 22 34, ei 23 28, ei 24 00
JUN11	18 42 15 Kurile Isl. 44.35 N 149.43 E, 42km, m 4.7 ISC
KHC	eiP 18 54 17, D 79.2
JUN11	21 02 32 Japan 40.50 N 143.75 E, 32km, m 4.3 ISC
KHC	eiP 21 14 42.5, D 80.5
JUN11	22 30 12.5 Kurile Isl. 45.30 N 150.99 E, 45km, m 4.8 ISC
KHC	iPC. 22 42 12.5 (1.0s 40mu), eiPcP 42 33, m 5.4, D 78.9
JUN12	04 29 21.7 India-Pakistan 24.83 N 91.94 E, 39km, m 5.3 ISC
KHC	iPC. 04 39 54.2 (1.0s 22mu), eiP 40 06.8, m 5.3, D 64.2
JUN12	09 05 04 Dodecanese Isl. 35.30 N 27.89 E, 16km, m 4.6 ISC
KHC	eiP 09 09 04.5, ei 09 08, ei 10 02, D 17.4
PRA	Lm 09 17, D 17.7
JUN12	13 41 49.4 Japan 39.47 N 142.89 E, 31km, m 6.0 ISC
PRU	iPC.S. 13 53 57.4 (1.0s 136mu), eiPcP 54 04, i 54 18, ei(PP) 57 16, eiPPP 58 48, eiS 14 04 12, Lm 27 (LH: 18s 165u), m 5.8, M 5.7, D 80.0
PRA	eiPC. 13 53 57.9, ePP 56 55, e(PPP) 59 07, e(S) 14 04 13, ePPS 05 11, Lm 35 (LH: 16s 194u, LV: 15s 172u), M 7.5, D 80.0
KHC	iPC. 13 54 03.0, D 81.1
JUN12	14 17 26 Japan 39.25 N 142.99 E, 32km, m 5.2 ISC
PRU	eP 14 29 34.5, eiPcP 29 44, D 80.2
KHC	eiP 14 29 41, D 81.3
JUN12	14 38 13.0 Japan 39.36 N 142.86 E, 39km, m 5.0 ISC
PRU	eiP 14 50 21, D 80.1
KHC	eiP 14 50 27, D 81.2
JUN12	14 45 01 Japan 38.8 N 142.3 E, 33km, m 4.8 ISC
PRU	eP 14 57 04, e 57 28, D 80.3

JUN12	PRU eiPg 15 18 20.5, eiSg 18 36.3, (D 1.2)
JUN12	15 08 53.4 Japan 39.51 N 143.04 E, 37km, m 5.2 ISC
PRU	eP 15 21 02, D 80.0
KHC	iPC. 15 21 07 (1.0s 70mu), m 5.6, D 81.1
JUN12	15 23 52.5 Japan 39.50 N 143.07 E, 26km, m 5.1 ISC
PRU	eiP 15 36 09, D 80.1
KHC	eiP 15 36 07, D 81.1
JUN12	15 39 12.0 Japan 38.8 N 143.7 E, 32km, m 4.5 ISC
PRU	eP 15 51 32, D 80.9
KHC	eiP 15 51 35.5, D 82.0
JUN12	15 48 59.7 Japan 39.30 N 143.05E, 29km, m 5.1 ISC
PRU	eiPC. 16 01 09 (1.0s 31mu), m 5.2, D 80.2
KHC	iPC. 16 01 14.5 (1.0s 27mu), eisP 01 32, m 5.2, D 81.3
JUN12	16 23 20.1 Japan 39.43 N 143.08 E, 47km, m 4.8 ISC
PRU	eiP 16 35 28, eiPcP 35 36.4, D 80.1
KHC	eiP 16 35 33, D 81.2
JUN12	16 29 12 Japan 39.20 N 143.29 E, 20km, m 4.4 ISC
PRU	eiP 16 41 23.5, D 80.4
KHC	eiP 16 41 29.5, D 81.5
JUN12	17 23 18.8 Japan 39.50 N 143.1 E, 22km ISC
PRU	eiPC. 17 35 35.6, D 80.1
KHC	eiP 17 35 41, D 81.1
JUN12	17 52 00.6 Japan 39.20 N 142.96 E, 23km, m 5.3 ISC
PRA	eP 18 04 10, ePcP 04 20, D 80.2
PRU	eiP 18 04 11 (1.0s 31mu), eiPcP 04 20.6, m 5.2, D 80.3
KHC	iPC. 18 04 17.0 (1.0s 32mu), eiPcP 04 25, ePP 07 25, m 5.3, D 81.3
JUN12	18 48 54.1 Japan 39.36 N 142.84 E, 40km, m 4.7 ISC
PRU	eP 19 01 01, D 80.1
KHC	eiP 19 01 07.5 (1.2s 16mu), eiPcP 01 14.5, m 4.9, D 81.1
JUN12	18 55 45.1 Japan 39.64 N 143.39 E, 18km, m 5.0 ISC

PRU PRA KHC	eiPC. 19 07 55.4, D 80.1 eP 19 07 56, D 80.0 eP 19 08 01 (1.1s 24mu), m 5.1, D 81.1
JUN12 KHC	19 36 23.5 Japan 39.55 N 143.00 E, 41km, m 4.6 ISC eiP 19 48 36, D 81.1
JUN12 KHC	19 38 43.4 Japan 39.23 N 142.81 E, 38km, m 4.6 ISC eiP 19 50 57, D 81.2
JUN12 PRU KHC	19 48 29.1 Japan 39.37 N 142.91 E, 34km, m 4.3 ISC eP 20 00 38, D 80.1 eP 20 00 41, D 81.2
JUN12 PRU PRA KHC	20 13 14.2 Japan 39.33 N 143.25 E, 37km, m 4.4 ISC eP 20 25 22.5, D 80.3 eP 20 25 24, D 80.3 eP 20 25 28, D 81.3
JUN12 PRU KHC	20 15 44 W. New Guinea 0.63 S 132.81 E, 7km, m 5.5 ISC eiP 20 30 08.5, D 108.3 eiP 20 30 13, D 109.2
JUN12 PRU KHC	20 20 26.3 Japan 38.90 N 142.70 E, 94km, m 4.2 ISC eP 20 32 29, D 80.4 eiP 20 32 34.5, ei 34 16, D 81.5
JUN12 PRU PRA KHC	21 57 39.6 Japan 39.30 N 142.93 E, 21km, m 5.6 ISC eiPC. 22 09 49.5 (1.0s 61mu), eiPcP 10 00.5, eiS 19 52, eL 37.3, Lm 45.5 (LH: 16s 8.1u), m 5.5, M 6.2, D 80.2 ePC. 22 09 50, eS 19 53 (SH: 4.5s 1.5u), Lm 49 (LH: 15s 8.3u, LV: 15s 8.0u), M 6.2, MSH 6.3, D 80.2 eiPC. 22 09 55 (1.3s 90mu), eiPcP 10 02.5, m 5.6, D 81.2
JUN12 KHC	22 30 09 Gibraltar 36.50 N 7.5 W, 8km, m 4.3 ISC eP 22 34 41, D 19.9
JUN12 PRU PRA KHC	23 26 30.1 Philippine Isl. 13.84 N 120.75 E, 135km, m 5.1 ISC eiP 23 39 14, eipP 39 57.8, eiPP 42 46, eiS 49 52, eL 00 15, Lm 22.5 (LH: 14s 1.4u), M 5.6, D 89.6 eP 23 39 14 (PV: 4s 0.7u), ePP 42 49, Lm 00 20, MPV 5.0, D 89.7 eiP 23 39 18, eipP 40 00, D 90.5

JUN13 PRU KHC PRA	00 04 59.6 Japan 39.53 N 143.07 E, 13km, m 5.3 ISC eiP 00 17 10, eiPcP 17 18.6, ePP 20 08, D 80.0 eiP 00 17 15, eiPcP 17 24.5, eiPP 20 14, D 81.1 ePcP 00 17 16, eS 27 14 (SN: 6s 0.4u), Lm 58 (LH: 14s 1.3u, LV: 16s 1.2u), M 5.5, (MSH 5.7), D 80.0
JUN13 PRU KHC	00 42 15.2 Japan 39.29 N 142.85 E, 35km, m 4.7 ISC eiP 00 54 24, D 80.2 eiP 00 54 28.5, D 81.2
JUN13 PRU KHC	01 42 55.7 Japan 39.47 N 143.13 E, 36km, m 4.6 ISC eiP 01 55 03.2, D 80.1 eiPD. 01 55 09, eiPcP 55 18, D 81.2
JUN13 PRU PRA KHC	02 05 42 Japan 39.51 N 142.94 E, 13km, m 5.2 ISC eiPC. 02 17 52.2 (1.0s 23mu), eiS 27 56, eL 48.5, Lm 58.4 (LH: 14s 2.3u), m 5.2, M 5.7, D 80.0 eP 02 17 53 (PV: 4s 0.6u), eS 27 57 (SH: 6.5s 0.9u), Lm 03 00 (LH: 12.5s 1.9u, LV: 12s 1.2u), M 5.6, MPV 6.0, MSH 6.0, D 80.0 iPC. 02 17 57.5 (1.0s 43mu), eiPcP 18 24, eiPP 20 55, m 5.4, D 81.1
JUN13 PRU KHC	03 58 12.6 Jan Mayen Isl. 71.09 N 5.8 W, 33km, m 4.6 ISC eiP 04 03 16.5, D 23.2 eiP 04 03 23.5, ei 03 41, D 23.8
JUN13 PRU	07 33 51 Galapagos Isl. 0.31 S 91.50 W, 37km, m 5.4 ISC eP 07 47 38, eiPP 51 44, eS 58 23, ePS 08 00 45, D 100.5
JUN13 PRU KHC PRA	08 48 15.0 Japan 39.08 N 143.15 E, 50km, m 4.7 ISC eiP 09 00 23.4, eiPcP 00 30, eS 10 28, eL 33, Lm 35.5 (LH: 14s 1.2u), M 5.4, D 80.4 eiP 09 00 29.5, eiPcP 00 35.5, eiPP 03 23, D 81.5 ePcP 09 00 31, Lm 09 41, D 80.4
JUN13 PRU KHC	PRU eiPg 12 05 49, eiSg 06 16.5, (D 2.1) KHC e 12 05 54, eiSg 06 41
JUN13 PRA PRU	11 56 21.1 Japan 39.24 N 143.09E, 15km, m 5.3 ISC ePD. 12 08 33, ePcP 08 41, e 09 20, ePP 11 36, Lm 50 (LH: 14s 1.9u, LV: 13s 1.3u), M 5.6, D 80.3 eiPD. 12 08 33.5 (1.0s 54mu), eiPcP 08 39.8, eiPP 11 36, eiS 18 34, eL 39.5, Lm 42.8 (LH: 14s 2.3u), m 5.4, M 5.7, D 80.3

KHC	iPD. 12 08 39 (1.0s 54mu), ei 10 43, m 5.5, D 81.3
JUN13	14 56 15.1 Japan 39.50 N 143.00 E, 18km, m 5.1 ISC
PRA PRU KHC	eP 15 08 24, D 80.0 eiPC. 15 08 24.8 (1.0s 30mu), ei 09 24, ei 10 16.5, ePP 11 09.5 m 5.2, D 80.0 iPC. 15 08 31.1 (1.0s 24mu), eiPP 11 23, m 5.2, D 81.1
JUN13	15 37 42.2 W. Pakistan 24.61 N 66.42 E, 19km, m 4.7 ISC
KHC	eP 15 46 22, D 47.7
JUN13	16 16 40 Japan 39.59 N 143.08 E, 27km, m 4.6 ISC
KHC	eiP 16 28 54, D 81.0
JUN13	KHC eiP 19 43 19
JUN13	21 10 34.9 Japan 39.43 N 142.97 E, 22km, m 5.5 ISC
PRA PRU KHC	eP 21 22 44, ePcP 22 54, eS 32 52 (SN: 6s 0.6u), Lm 22 01.5 (LN: 17s 4.9u, LV: 17s 6.3u), (M 5.9), (MSH 5.9), D 80.1 eiPC. 21 22 44.2 (0.8s 37mu), iPcP 22 54, eiPP 25 50, eiPPP 27 41.5, eiS 32 44.8, eL 52, Lm 22 01 (LH: 16s 4.2u), m 5.4, M 5.9, D 80.1 eiP 21 22 50 (1.0s 38mu), eiPcP 22 58.5, eiPP 25 45, m 5.4, D 81.1
JUN13	23 04 03.7 S. Persia 29.84 N 51.30 E, 49km, m 4.8 ISC
PRU KHC	eP 23 10 45, D 34.2 eiP 23 10 47 (1.5s 41mu), ei 10 54, D 34.4
JUN13	23 38 03.4 Japan 39.20 N 142.90 E, 36km, m 4.4 ISC
KHC	eP 23 50 18, D 81.3
JUN14	00 46 10.0 Japan 39.54 N 142.7 E, 59km, m 4.7 ISC
PRU KHC	eP 00 58 13, eiPcP 58 23.2, D 79.9 eiP 00 58 13, eiPcP 58 28, D 80.9
JUN14	00 57 56 Japan 38.47 N 143.14 E, 50km, m 4.3 ISC
KHC	eP 01 10 17, ei 10 45.5, D 82.0
JUN14	01 15 57.7 E. Russia 42.58 N 132.67 E, 469km, m 4.4 ISC
PRU	eP 01 26 41.5, D 73.1

KHC	eiP 01 26 47.5, D 74.2
JUN14	02 38 40.8 Japan 40.57 N 142.00 E, 33km, m 4.3 ISC
KHC	eP 02 50 48, D 79.8
JUN14	02 49 15 Loyalty Isl. 21.39 S 170.5 E, 101km ISC
PRU KHC	ePKP 03 08 43.5, D 145.7 eiPKP 03 08 46.5, D 146.8
JUN14	03 18 17.2 Japan 39.48 N 142.83 E, 31km, m 5.0 ISC
PRU KHC PRA	eiP 03 30 25, eipP 30 46, eS 40 28, eL 04 02.5, Lm 10.8 (LH: 16s 2.6u), M 5.7, D 80.0 eiP 03 30 31, eiPcP 30 37.5, D 81.0 e 03 30 48, eS 40 31 (SN: 5s 0.4u), Lm 04 11 (LN: 14s 1.4u, LV: 13s 1.3u), (M 5.5), (MSH 5.8), D 80.0
JUN14	06 05 03.5 Japan 39.44 N 142.73 E, 34km, m 4.6 ISC
PRU KHC	eP 06 17 11, eiPcP 17 18.5, D 80.0 ei(P) 06 17 22, D 81.0
JUN14	PRU eiPg 09 01 44.5, eiSg 02 04.4, (D 1.5) KHC eiSg 09 02 13
JUN14	PRU ePg 09 03 06.5, eiSg 03 24, (D 1.3) KHC eiSg 09 03 48
JUN14	Explosion of 8.8 Tons: Czechoslovakia 49.34 N 16.40 E PRU
PRU KHC	ePg 10 36 45.5, eiSg 37 02, D 1.4 ePg 10 36 57, eiSg 37 17, D 1.7
JUN14	PRU e 11 01 01, eiSg 01 15 KHC ePg 11 01 02, eiSg 01 24, (D 1.6)
JUN14	11 52 38.3 Japan 39.36 N 142.93 E, 24km, m 5.4 ISC
PRA PRU KHC	ePC. 12 04 48, Lm 44.5, D 80.1 iPC. 12 04 49.2 (1.0s 61mu), eiPcP 04 59.4, eiPP 07 23.5, eL 35.6, Lm 42.8 (LN: 14s 1.6u), m 5.5, (M 5.6), D 80.1 iPC. 12 04 53.5 (1.0s 62mu), eiPP 07 41, m 5.6, D 81.1
JUN14	12 17 26.5 Kurile Isl. 45.23 N 153.40 E, 31km, m 5.5 ISC
PRU KHC	eiP 12 29 28 (PV: 6s 0.7u), Lm 13 07.6, MPV 6.0, D 78.6 eiP 12 29 33, i 29 37, eiPP 32 36, D 79.7

JUN14	PRU ePg 12 43 37.5, eiSg 43 54, D 1.3
JUN14	12 48 51.0 Samoa 15.5 S 172.9 W, 33km, m 4.7 ISC PRU eiPKP 13 08 28.5, D 145.1 KHC eiPKPC: 13 08 30.5 (1.7s 37mu), D 146.1
JUN14	KHC ePg 13 25 55, eiSg 26 13, (D 1.4) PRU e 13 26 05, eiSg 26 39
JUN14	13 23 41.0 E. of Kamchatka 51.71 N 159.18 E, 52km, m 5.2 ISC PRU eiPC. 13 35 14.7, ei 35 55, eL 14 06.2, Lm 13.6 (LH: 16s 3.2u), M 5.7, D 74.3 PRA ePC. 13 35 16 (PV: 2s 0.6u), Lm 14 14.5 (LN: 14s 2.6u, LV: 14s 3.0u), (M 5.8), MPV 6.4, D 74.3 KHC iPC. 13 35 21.5 (1.0s 75mu), ei 35 29, m 5.7, D 75.3
JUN14	13 44 05.3 E. of Kamchatka 51.67 N 159.11 E, 33km, m 4.5 ISC KHC eiP 13 55 48, D 75.4
JUN14	15 19 07 E. of Kamchatka 51.79 N 158.8 E, 55km, m 4.5 ISC PRU eP 15 30 40, D 74.2 KHC eiP 15 30 46, D 75.2
JUN14	16 23 45.5 Galapagos Isl. 0.35 S 91.55 W, 33km, m 5.1 ISC PRU eiPP 16 41 40, D 100.5
JUN14	19 03 27.5 New Zealand 41.84 S 171.91 E, 25km, m 5.5 ISC PRU eiPKP2 19 24 15, D 162.3 PRA eiPKP2 19 24 15, D 162.4 KHC ePKP2 19 24 18, D 163.2
JUN14	22 27 44.1 Galapagos Isl. 0.39 S 91.41 W, 21km, m 5.4 ISC PRU eiPP 22 45 40, ePPP 47 46, Lm 23 31.7 (LN: 14s 0.6u), (M 5.2), D 100.5
JUN14	22 41 52 E. of Kamchatka 51.77 N 159.30 E, 42km, m 4.9 ISC PRU eiPC. 22 53 26.4, D 74.3 PRA eP 22 53 27, Lm 23 32, D 74.2 KHC eiPC. 22 53 32.5 (1.0s 19mu), eiPcP 53 46.5, D 75.3
JUN14	23 03 01 E. of Kamchatka 51.65 N 159.23 E, 3km, m 4.8 ISC

PRU PRA KHC	eiP 23 14 42.2, eiPcP 14 53, D 74.4 eP 23 14 43, D 74.3 eiP 23 14 47.5 (1.0s 17mu), eiPcP 14 57, m 5.0, D 75.4
JUN14	23 01 27.6 Samoa 15.64 S 172.7 W, 33km, m 4.9 ISC PRU eiPKP 23 21 03.4, eipPKP 21 14.5, D 145.2 KHC eiPKP 23 21 07 (1.2s 14mu), eipPKP 21 17.5, D 146.2
JUN15	00 08 29.7 S. Persia 29.80 N 51.93 E, 88km ISC KHC eP 00 15 14, D 34.9
JUN15	00 32 07 Japan 38.7 N 144.0 E, 33km ISC KHC eP 00 44 29, D 82.2
JUN15	00 43 41 E. of Kamchatka 51.52 N 159.73 E, 18km, m 4.7 ISC PRU eiP 00 55 20.5, D 74.6 KHC eiP 00 55 26.7 (1.0s 14mu), m 5.0, D 75.7
JUN15	02 14 11.9 Japan 37.22 N 138.61 E, 35km, m 5.1 ISC PRA eP 02 26 20, D 80.1 PRU eiPC. 02 26 20.2, D 80.1 KHC eiPC. 02 26 25.5 (1.2s 26mu), eiPP 29 30, m 5.1, D 81.2
JUN15	KHC e 03 07 38, ei 08 04 PRU e 03 07 44, ei 08 02.5
JUN15	PRU e 03 16 09 KHC ei 03 16 12, ei 16 23
JUN15	03 31 16.4 Japan 39.43 N 142.88 E, 8km, m 5.3 ISC PRA eP 03 43 28, ePcP 43 37, Lm 04 25, D 80.0 PRU eiP 03 43 29.5, eiPcP 43 36, Lm 04 17.5 (LN: 16s 0.7u), (M 5.1), D 80.0 KHC eiPC. 03 43 33.7 (1.0s 19mu), m 5.1, D 81.1
JUN15	04 20 03.0 Galapagos Isl. 0.36 S 91.44 W, 33km, m 5.4 ISC PRU eiPP 04 37 56, D 100.5
JUN15	05 11 19.4 Mexico 14.47 N 92.91 W, 40km, m 5.4 ISC KHC eiP 05 24 14, ei 25 25, D 89.6 PRU eP 05 24 15, eL 57, Lm 06 10.5 (LN: 16s 1u), (M 5.4), D 89.9

PRA	eP 05 24 16, Lm 06 08 (LN: 14s 0.5u), (M 5.1), D 89.8
JUN15	05 59 03.0 Ryukyu Isl. 26.93 N 126.55 E, 126km, m 5.6 ISC
PRA	eP 06 11 14, D 82.7
PRU	eiPD. 06 11 15, D 82.6
KHC	iPD. 06 11 19 (1.8s 211mu), m 5.7, D 83.6
JUN15	07 08 48.7 S. of Panama 5.64 N 82.60 W, 16km, m 5.8 ISC
KHC	eiPC. 07 21 48 (1.5s 59mu), ei 22 43, eiPP 25 18, m 5.6, D 89.8
PRA	eP 07 21 50 (PV: 6s 0.9u), ePP 25 25, eS 32 49, Lm 55 (LN: 22s 3.5u, LV 24s 14.4u), (M 5.7), MPV 6.1, D 90.2
PRU	eP 07 21 51, ei 22 04.1, ei 23 12.8, eiPP 25 25, eiS 32 48, eL 45.7, Lm 54.7 (LH: 24s 9.6u), M 6.1, D 90.3
JUN15	08 50 52 Galapagos Isl. 0.3 S 91.5 W, 108km, m 4.4 ISC
PRU	ePP 09 08 48, D 100.5
JUN15	11 17 53 Sakhalin Isl. 52.02 N 143.73 E, 2km, m 4.6 ISC
PRU	eP 11 29 05, D 69.6
KHC	eiP 11 29 11.5, D 70.7
JUN17	11 27 33.1 E. of Kamchatka 51.69 N 159.28 E, 42km, m 5.6 ISC
PRA	eiPC. 11 39 08.0 (PV: 1.6s 0.6u), eS 48 50, Lm 12 17, (LN: 14s 2.9u, LV: 14s 3.7u), (M 5.7), MPV 6.5, D 74.3
PRU	iPC. 11 39 09.0 (1.1s 96.5mu), eipP 39 17.3, eL 12 11, Lm 17.3 (LN: 14s 3.4u), m 5.7, (M 5.8), D 74.4
KHC	iPC. 11 39 15.1 (1.2s 213mu), ipP 39 24.5, m 6.0, D 75.4
JUN15	12 03 37.0 Japan 39.40 N 142.73 E, 35km, m 4.4 ISC
PRU	eP 12 15 46, D 80.0
KHC	eiP 12 15 50, D 81.1
JUN15	PRU ePg 12 40 24, eiSg 40 50.5, (D 2.0) KHC e 12 40 30.5, eiSg 40 54.5, ei 41 16.5
JUN15	PRU eiPg 12 56 40, eiSg 57 00.5, (D 1.6) KHC eSg 12 56 55
JUN15	13 14 41 Galapagos Isl. 0.3 S 91.4 W, 59km, m 5.2 ISC
PRU	eiPP 13 32 40, ePPP 34 36, D 100.4
JUN15	13 38 06.7 S. Alaska 60.99 N 146.86 W, 21km, m 4.8 ISC

PRU	eP 13 49 07, D 68.4
KHC	eiP 13 49 13, ei 49 21, D 69.1
JUN15	13 34 14.8 New Hebrides 18.21 S 167.88 E, 11km, m 5.3 ISC
KHC	ePKP 13 53 45.5 (2.0s 78mu), ei 53 50.5, D 142.8
PRU	eiPKP 13 53 46, ei 53 56.5, eiPP 56 55, D 141.8
PRA	ePKP 13 53 46, ePP 56 51, D 141.8
JUN15	KHC ePg 14 11 17, eiSg 11 40, (D 1.7)
JUN15	14 00 00.0 Nuclear explosion "RICKEY": S. Nevada 37.26 N 116.39 W USAEC, m 5.9 ISC
PRU	eiPC. 14 12 27 (1.2s 78mu), ei 12 46.5, eiPP 15 34, eL 40.4, Lm 15 01.4 (LH: 20s 3.1u), m 5.9, M 5.7, D 82.9
PRA	eP 14 12 27, Lm 59 (LN: 18s 1.3u, LV: 16s 0.7u), (M 5.3), D 82.8
KHC	iPC. 14 12 28.5 (1.2s 94mu), ei 12 40, eiPP 15 38.5, m 5.9, D 83.2
JUN15	14 31 42 Yugoslavia 43.61 N 18.6 E, 66km, m 4.0 ISC
KHC	eiPn 14 33 17, eiPg 33 46, eiSn 34 34, D 6.9
PRU	ePn 14 33 24, ei 33 37, eiSn 34 45.5, ei 35 01, eiSg 35 41, D 6.9
PRA	eSn 14 34 48, D 7.0
JUN15	KHC eiPn 15 48 08, ei 48 16, eiSg 48 42, (D 2.2) PRU eiPn 15 48 20, ei 48 30.7, eiSn 49 03, eiSg 49 19, (D 3.6)
JUN15	17 40 16 Galapagos Isl. 0.27 S 91.60 W, 17km, m 5.3 ISC
PRU	eiPP 17 58 12, ePPP 18 00 20, eSKS 04 50, D 100.6
JUN15	19 32 11 Loyalty Isl. 21.4 S 168.8 E, 70km ISC
PRU	ePKP 19 51 43, eipPKP 51 53.2, eisPKP 52 03.2, D 145.0
KHC	eiPKP 19 51 46.5, ei 51 52.5, eisPKP 52 06.5, D 146.0
JUN15	19 53 11.0 Japan 41.82 N 142.79 E, 51km, m 5.3 ISC
PRA	ePC. 20 05 05, D 77.9
PRU	eiPC. 20 05 05.4 (1.0s 31mu), eipP 05 20.3, m 5.2, D 78.0
KHC	iPC. 20 05 11.5 (1.1s 41mu), eipP 05 25.5, ei 06 04, m 5.4, D 79.0
JUN15	21 24 57 Galapagos Isl. 0.3 S 91.7 W, 2km, m 5.2 ISC
PRU	eiPP 21 42 58, D 100.6

JUN16	00 31 04.3 Galapagos Isl. 0.3 S 91.6 W, 30km, m 5.1 ISC
PRU	ePP 00 49 00, D 100.6
JUN16	03 47 04 Galapagos Isl. 0.31 S 91.42 W, 4km, m 5.0 ISC
PRU	ePP 04 05 02, D 100.5
JUN16	04 56 02.9 Tristan da Cunha 36.1 S 15.9 W, 34km, m 5.1 ISC
KHC	eP 05 08 53, ei 09 00, eiPP 12 13, D 88.8
PRU	eP 05 08 54, ei 09 02.4, ei 11 43.5, eS 19 48, eSS 25 30, Lm 46.5 (LN: 19s 1.5u), (M 5.5), D 89.8
PRA	eP 05 08 56, eS 19 40 (SN: 5s 0.3u), Lm 45, (MSH 5.9), D 89.9
JUN16	05 32 07.8 Tristan da Cunha 35.5 S 15.5 W, 33km, m 4.4 ISC
KHC	eP 05 45 02, D 88.1
JUN16	06 39 58.1 Japan 41.23 N 143.44 E, 42km, m 4.4 ISC
KHC	eP 06 52 03, D 79.8
JUN16	07 13 17.6 Galapagos Isl. 0.28 S 91.49 W, m 5.1 ISC
PRU	eiPP 07 31 07, D 100.5
JUN16	08 34 21.4 Turkey 36.70 N 34.27 E, 52km, m 4.4 ISC
PRA	eP 08 38 45, D 19.6
KHC	eiPC. 08 38 46, D 19.5
PRU	eiPD. 08 38 46.2 (1.0s 23mu), m 4.4, D 19.5
JUN16	KHC ePg 11 01 17, eiSg 01 38.5, (D 1.5)
JUN16	10 12 15.5 Galapagos Isl. 0.3 S 91.44 W, 32km, m 4.9 ISC
PRU	ePP 10 30 12, eS 36 48, e 39 12, D 100.5
JUN16	11 37 59.0 Japan 41.49 N 143.37 E, 51km, m 4.4 ISC
KHC	eiP 11 50 03, D 79.5
JUN16	13 03 22 Sicily 37.78 N 14.65 E, 23km ISC
KHC	eiP 13 06 03.5, eiPP 06 14, D 11.4
PRA	eP 13 06 15, D 12.3
PRU	eiP 13 06 15.6, e 09 04, Lm 11.7 (LN: 16s 1.6u), (M 4.1), D 12.2

JUN16	13 00 03 Galapagos Isl. 0.6 S 92.7 W, 48km, m 4.7 ISC
PRU	ePP 13 18 02, D 101.5
JUN16	15 16 54.6 Galapagos Isl. 0.44 S 91.48 W, 33km, m 4.5 ISC
PRU	ePP 15 34 04, D 100.6
JUN16	16 20 17.5 Galapagos Isl. 0.2 S 91.45 W, 33km, m 5.1 ISC
PRU	eiPP 16 38 05, ePPP 40 16, eS 44 46, D 100.4
JUN16	16 56 36 Japan 40.28 N 143.82 E, 9km, m 4.6 ISC
PRU	eP 17 08 47, D 79.7
KHC	eiP 17 08 52, D 80.7
JUN16	18 45 15 Galapagos Isl. 0.28 S 91.4 W, 24km, m 5.0 ISC
PRU	ePP 19 03 12, D 100.4
JUN16	19 14 08.0 Bouvet Isl. 53.89 S 8.6 E, 33km, m 5.2 ISC
KHC	eP 19 28 08, eiPP 32 12, ePKPPKP 38 21, D 102.7
PRU	eP 19 28 10, eiPP 32 20.5, eiPKPPKP 38 18.3, eSKS 38 44, eiPS 41 38, eiSS 47 03.6, eL 59, Lm 20 16.6 (LH: 20s 2.4u), M 5.8, D 103.6
PRA	ePP 19 32 19, eSKS 38 50, ePS 41 40, eSS 47 15, Lm 20 20.7 (LN: 16s 1.1u, LV: 14s 0.7u), (M 5.5), D 103.6
JUN16	20 38 46.9 Japan 39.44 N 142.63 E, 40km, m 4.5 ISC
KHC	eP 20 51 00, D 81.0
JUN16	20 51 45.1 Galapagos Isl. 0.4 S 91.6 W, 33km, m 5.0 ISC
PRU	eiPP 21 09 42, D 100.6
JUN16	KHC e 22 41 03, e 41 22, ei 42 32
PRU	e 22 42 17, ei 42 34, ei(Sg) 43 07
JUN16	23 10 41.0 Galapagos Isl. 0.4 S 91.8 W, 33km, m 4.9 ISC
PRU	eiPP 23 28 36, D 100.8
JUN17	02 14 51.4 Galapagos Isl. 0.5 S 91.71 W, 33km, m 4.8 ISC
PRU	eiPP 02 32 44, D 100.8

JUN17	04 26 31.9 Taiwan 22.40 N 121.34 E, 40km, m 5.0 ISC
PRU KHC	eiP 04 38 58.5, eiPcP 39 06.8, eL 05 09, Lm 15.5, D 83.3 eP 04 39 01, eisP 39 28, D 84.3
JUN17	04 28 22.6 Galapagos Isl. 0.26 S 91.41 W, 33km, m 4.9 ISC
PRU	eiPP 04 46 15, D 100.4
JUN17	04 56 31 E. Caucasus 40.75 N 48.24 E, 36km, m 4.7 ISC
KHC	eP 05 02 17, D 25.7
JUN17	04 59 06.5 E. Caucasus 40.94 N 48.29 E, 49km, m 4.8 ISC
PRU KHC	eP 05 04 29, ei 04 55, eL 09.3, Lm 15 (LN: 18s 1.3u), (M 5.5), D 25.2 eiP 05 04 35, D 25.7
JUN17	07 36 11 Ryukyu Isl. 29.25 N 129.2 E, 20km, m 4.6 ISC
PRU	eP 07 48 35.5, D 82.2
JUN17	07 56 58.4 Mexico 14.49 N 92.87 W, 48km, m 4.9 ISC
PRU	eiP 08 09 54, ei 10 22.5, D 89.8
JUN17	09 29 57 N. Italy 44.1 N 8.5 E, 0km ISC
KHC PRU	eiPn 09 31 22, ei 31 36.5, ei(Pg) 31 49, ei(Sn) 32 23, D 6.1 ePn 09 31 38.6, eiPg 32 17, ei(Sn) 32 49, ei 33 34.2, D 7.2
JUN17	PRU eiPg 11 33 03, eiSg 33 17.8, (D 1.1)
JUN17	11 52 58.5 Japan 41.06 N 143.10 E, 26km, m 5.8 ISC
PRU PRA KHC	eiPC. 12 05 00.5, eisP 05 12, ei 06 29, ei(PP) 07 37, eiS 14 55.6, eiScS 15 22, eiSS 20 06, eL 31.3, Lm 44.6 (LH: 16s 45 u, LV: 16s 19u), M 6.9, D 78.7 eiPC. 12 05 01.4 (PN: 4s 0.6u, PV: 2.2s 0.5u), ePP 08 00, eS 14 57, Lm 45.0 (LN: 16s 38u, LV: 15s 53u), (M 6.8), MPV 6.2, (MPH 6.1), D 78.7 iPC. 12 05 05.5 (1.4s 341mu), ei 05 47, eScS 15 20, m 6.1, D 79.8
JUN17	PRU eiPg 13 42 44.5, eiSg 43 11, (D 2.0)
JUN17	14 54 42 Galapagos Isl. 0.3 S 91.5 W, 31km, m 5.1 ISC
PRU	eiPP 15 12 34, ePPP 14 42, eSKS 19 20, D 100.5

JUN17	16 44 57 Japan 39.86 N 143.12 E, 29km, m 4.4 ISC
PRU KHC	eP 16 57 04, D 79.8 eiP 16 57 09.5, eisP 57 27, D 80.8
JUN17	16 56 12.5 Japan 40.19 N 143.84 E, 1km, m 5.4 ISC
PRA PRU KHC	ePC. 17 08 23 (PV: 2.4s 0.5u), ePcP 08 33, eS 18 25 (SH: 4s 0.6u), Lm 48.2 (LN: 13s 2.3u, LV: 14s 3.0u), (M 5.7), MPV 6.2, MSH 6.1, D 79.7 eiPC. 17 08 24.2 (1.1s 49mu), eiPcP 08 34.8, eiPP 11 30.5, eiS 18 24.8, eL 39.6, Lm 42.4 (LH: 16s 2.6u), m 5.4, M 5.7, D 79.8 iPC. 17 08 30 (1.2s 69mu), eiPcP 08 40, eiPP 11 35, m 5.6, D 80.8
JUN17	18 09 38.1 Santa Cruz Isl. 12.36 S 166.50 E, 63km, m 5.6 ISC
PRA PRU KHC	ePKIKP18 28 52, ePP 31 32, D 136.0 eiPKIKP 18 28 53.4, eipPKP 29 10.2, eiPP 31 44.5, eiPKS 32 25, D 136.0 eiPKIKP 18 28 55.5, eisPKP 29 25, eiPP 31 41, eiPKS 32 27, D 137.0
JUN17	18 50 32.9 Japan 39.36 N 143.10 E, 44km, m 4.3 ISC
PRU KHC	eP 19 02 41, eiPcP 02 49, D 80.2 eP 19 02 47, D 81.3
JUN17	18 57 29.9 Japan 38.74 N 143.60 E, 34km, m 4.9 ISC
PRU PRA KHC	eiP 19 09 42, eipP 09 53.5, eiS 19 44.4, eiSS 25 18, Lm 44 (LH: 16s 16u), M 6.5, D 80.9 ePC. 19 09 42 (PV: 6.4s 0.9u), ePP 12 44, ePPP 14 32, eS 19 51, Lm 50.2 (LH: 15s 13.6u, LV: 14s 12.4u), M 6.4, MPV 6.1, D 80.9 eiP 19 09 48 (1.0s 16mu), ei 13 06, m 5.1, D 82.0
JUN17	22 05 42.2 Galapagos Isl. 0.5 S 91.38 W, 33km, m 4.8 ISC
PRU	eiPP 22 23 34, D 100.6
JUN18	02 22 47 Galapagos Isl. 0.2 S 91.51 W, 47km, m 5.0 ISC
PRU	ePP 02 40 33.5, D 100.4
JUN18	03 53 02 Galapagos Isl. 0.4 S 91.5 W, 37km, m 4.7 ISC
PRU	ePP 04 10 52, D 100.6
JUN18	05 27 33.2 N. Italy 45.73 N 7.96 E, 1km, m 4.7 ISC

KHC PRU PRA	eiPn 05 28 51.6, eiPg 29 14.6, D 5.1 eiPnC. 05 29 06.5, ei 29 16.0, iPg 29 36.5, i 30 11.8, iSg 30 54.0, Lm 31 08.5 (LH: 8s 6.3u), M 4.5, D 6.2 e(Pn) 05 29 11, e 29 31, e(Pg) 29 44, e 30 17, eiSg 30 59.0, D 6.2
JUN18 KHC PRA PRU	06 42 21.3 W. of Tonga 21.72 S 179.43 W, 593km, m 5.0 ISC eiPKIKP 07 01 01, iPKHKP 01 08.5, iPKP2 01 18.5, D 150.8 ePKHKP 07 01 05, D 149.7 iPKHKPD. 07 01 05.6 (0.8s 106mu), eiPKP2 01 14.2, D 149.7
JUN18 PRU	07 13 03 Galapagos Isl. 0.3 S 91.6 W, 62km, m 4.9 ISC ePP 07 30 52, D 100.6
JUN18 PRU	10 30 18 Galapagos Isl. 0.3 S 91.6 W, 60km, m 4.9 ISC ePP 10 48 05, D 100.6
JUN18 KHC PRA PRU	11 16 36.0 S. Greece 37.95 N 23.45 E, 172km ISC eiP 11 39 38.5, ei 19 43, D 13.3 eP 11 19 42, e 19 48, D 13.7 eiP 11 19 42.7, ei 19 47, D 13.6
JUN18 PRU	PRU eiPg 11 50 56, eiSg 51 22.7, (D 2.0)
JUN18 PRU	12 27 37.3 Galapagos Isl. 0.5 S 91.5 W, 33km, m 4.7 ISC ePP 12 45 30, ePPP 47 34, D 100.7
JUN18 PRU	14 42 34 Galapagos Isl. 0.3 S 91.5 W, 35km, m 4.8 ISC ePP 15 00 28, D 100.5
JUN18 PRU	21 48 55 Galapagos Isl. 0.3 S 91.6 W, 83km, m 4.9 ISC ePP 22 06 36, D 100.6
JUN18 PRU	23 37 49 Galapagos Isl. 0.4 S 91.4 W, 164km, m 4.6 ISC ePP 23 55 30, D 100.5
JUN19 PRA PRU	01 38 17.1 Japan 39.51 N 143.04 E, 29km, m 5.3 ISC eiPD. 01 50 24 (PV: 2.0s 0.4u), eS 02 00 30, Lm 31 (LH: 14.5s 21u, LV: 14s 2.2u), M 5.6, MPV 6.2, D 80.0 eiPD. 01 50 25.8 (1.1s 25mu), eiPcP 50 34.5, eL 02 21.5, Lm 30.7 (LH: 14s 2u), m 5.0, M 5.7, D 80.0

KHC	eiPD. 01 50 31.5 (2.0s 69mu), eiPcP 50 40, m 5.3, D 81.1
JUN19 PRU KHC	01 47 01 N. Sumatra 1.67 N 100.42 E, 174km, m 4.9 ISC eP 01 59 24, D 86.1 eiP 01 59 26, D 86.7
JUN19 PRU KHC	03 17 13.8 Japan 40.75 N 143.91 E, 23km, m 4.0 ISC eP 03 29 18, D 79.3 eiP 03 29 25, D 80.7
JUN19 PRU	04 05 39 Galapagos Isl. 0.4 S 91 W, 32km, m 5.0 ISC ePP 04 23 22, D 100.3
JUN19 PRU PRA KHC	05 05 57.4 E. Kazakhstan 49.96 N 79.05 E, 0km, m 5.4 ISC eiPC. 05 13 37.4 (1.0s 31mu), eiPP 15 10.2, m 4.9, D 40.3 eP 05 13 38, D 40.3 eiPC. 05 13 46.5 (1.0s 38mu), eiPP 15 21, m 5.0, D 41.3
JUN19 PRU	PRU eiPg 05 27 32.2, eiSg 28 03.2, (D 2.4)
JUN19 PRU	05 47 48 Galapagos Isl. 0.49 S 91.70 W, 90km, m 5.0 ISC eiPP 06 05 09, D 100.8
JUN19 PRU	07 30 31 Galapagos Isl. 0.46 S 91.64 W, 72km, m 4.8 ISC ePP 07 48 20, D 100.7
JUN19 KHC PRA PRU	08 13 35.6 N. Peru 5.55 S 77.20 W, 33km, m 6.1 ISC iPC. 08 26 55 (1.0s 172.0mu), i 27 01, ei 30 35, eiPKKP 43 51.8, eiPKPKP 52 05, m 6.4, D 94.7 eP 08 26 56 (PE: 10s 1.8u, PV: 10s 10.4u), e 30 30, ePP 30 51, eSKKS 37 44, e 39 20, Lm 09 09 (LH: 20s 64u, LV: 20s 71u), M 6.1, (MPH 7.0), MPV 7.2, D 95.3 eiPC. 08 26 58, ei(pP) 27 03.5, ei 30 35, eiPP 30 53, ei(S) 38 28, eiPPS 40 12, ePKKP 43 53, eiSS 44 38, ePKPKP 52 07.5, eQ 54, eR 09 02, Lm 09.5 (LN: 19s 25u, LV: 19s 23u), (M 6.8), D 95.3
JUN19 KHC	11 25 53 Kermadec Isl. 30.94 S 177.7 W, 36km, m 4.7 ISC eiPKIKP 11 45 48, eiPKP2 46 27, D 159.9
JUN19 KHC	15 03 36.0 W. Caucasus 41.31 N 44.1 E, 34km, ISC eP 15 08 45, D 22.8

JUN19	15 06 01 Galapagos Isl. 0.19 S 90.91 W, 155km, m 4.8 ISC
PRU	ePP 15 23 32, D 100.1
JUN19	16 47 46 Galapagos Isl. 0.1 S 91.7 W, 71km, m 4.7 ISC
PRU	ePP 17 05 32, D 100.5
JUN19	18 03 19.9 Japan 40.29 N 143.48 E, 26km, m 4.8 ISC
PRU	eiPC. 18 15 26 (1.0s 15mu), m 5.0, D 79.5
KHC	eiPC. 18 15 32.5 (1.1s 24mu), eiPcP 15 42, m 5.1, D 80.6
JUN19	19 12 57 Japan 40.30 N 143.3 E, 4km, m 4.0 ISC
PRU	eP 19 25 05, D 79.5
JUN19	19 19 30.0 Galapagos Isl. 0.38 S 91.73 W, 33km, m 4.8 ISC
PRU	ePP 19 37 22, D 100.7
JUN19	19 58 02.4 S. Chile 43.97 S 75.37 W, 24km, m 5.6 ISC
KHC	eiPKIKPD. 20 16 53, D 120.9
PRU	eiPKIKP 20 16 55.3, ePP 18 43, eL 54, Lm 21 06.5 (LN: 20s 1u),
PRA	(M 5.5), D 121.9
PRA	Lm 21 06, D 121.9
JUN19	23 32 01 Galapagos Isl. 0.08 S 91.38 W, 93km, m 4.7 ISC
PRU	ePP 23 49 42, D 100.3
JUN20	01 32 49 Galapagos Isl. 0.27 S 91.39 W, 69km, m 4.8 ISC
PRU	eiPP 01 50 36, D 100.4
JUN20	02 38 38.7 N. Peru 5.51 S 77.30 W, 33km, m 5.8 ISC
KHC	eiP 02 51 58.5 (2.2s 94mu), iP 52 05, eiPP 55 45, m 5.8,
PRA	D 94.7
PRU	eP 02 52 00, ePP 55 51, eSS 03 09 45, Lm 39, D 95.4
PRU	eP 02 52 01.5, eipP 52 08, eiPP 55 51, eS 03 03 16, eSS 09 48,
	eL 23, Lm 37.5 (LN: 18s 1u), (M 5.3), D 95.4
JUN20	04 55 31 Galapagos Isl. 0.23 S 91.6 W, 84km, m 4.9 ISC
PRU	ePP 05 13 17, D 100.5
JUN20	05 04 32 France 47.9 N 6.0 E BCIS
KHC	ePg 05 06 18, eiSg 07 18, D 5.2

JUN20	08 11 12.7 N. Peru 5.61 S 77.22 W, 48km, m 5.2 ISC
KHC	eP 08 24 31, D 94.7
JUN20	08 15 08.8 Japan 40.12 N 142.33 E, 59km, m 4.3 ISC
PRU	eiP 08 27 09.5, eipP 27 22.8, D 79.2
KHC	eiPC. 08 27 15.8, eipP 27 28, D 80.3
JUN20	08 24 58 S. Persia 29.91 N 51.23 E, 81km, m 4.7 ISC
PRU	eP 08 31 38, D 34.1
KHC	eP 08 31 38 (1.2s 19mu), m 4.9, D 34.4
JUN20	PRU e 12 00 14.5, eiSg 00 20, Lm 00 26
	KHC ePg 12 00 24, eiSg 00 44, (D 1.5)
JUN20	KHC eiPg 12 12 07, eiSg 12 22, (D 1.2)
JUN20	12 13 34.5 Mediterranean Sea 35.66 N 22.84 E, 50km ISC
KHC	eiP 12 16 57, ei 17 10, D 15.4
PRU	eP 12 17 16, D 15.6
JUN20	PRU e 12 39 47.5, eiSg 39 52
	KHC ePg 12 39 59, eSg 40 14, (D 1.2)
JUN20	PRU eiPg 12 58 42, ei 59 07.5, (D 1.9)
	KHC eiPn 12 58 49, ei 58 56, eiSn 59 16, eiSg 59 22, (D 2.2)
JUN20	PRU ePn 15 58 30, eiPg 58 40, eiSg 59 18, (D 2.9)
	KHC ei 15 58 43, ei 59 41, ei(Sg) 59 47
JUN20	16 04 58.5 Explosion of 19.5 Tons: Germany 51.23 N 9.86 E HAN
PRU	ePn 16 05 52, eiPg 06 01, eiSg 06 44, D 3.2
KHC	eiPg 16 05 58, ei 06 25, eiSg 06 38, D 3.2
JUN20	16 09 12 Galapagos Isl. 0.42 S 91.6 W, 85km, m 5.2 ISC
PRU	eiPP 16 27 00, D 100.7
JUN20	18 12 24.2 Japan 41.44 N 142.68 E, 42km, m 4.7 ISC
PRU	eP 18 24 21.5, D 78.2
KHC	eiP 18 24 27, D 79.3
JUN20	20 36 12.4 Galapagos Isl. 0.19 S 91.61 W, 33km, m 4.9 ISC

PRU	ePP 20 54 02, D 100.5
JUN20	21 49 41 Loyalty Isl. 22.80 S 173.27 E, 64km, m 4.4 ISC
PRU KHC	ePKHKP 22 09 20, D 148.2 ePKHKP 22 09 24, eiPKP2 09 31, D 149.2
JUN21	00 26 08.3 N. Peru 5.64 S 77.29W, 22km, m 5.5 ISC
KHC PRU PRA	eiP 00 39 30.5, eisP 39 38, eiPP 43 23, D 94.8 eP 00 39 33.5, eisP 39 41, eiPP 43 28, eS 50 54, e 53 42, eSS 57 18, D 95.5 eP 00 39 38, ePP 43 26, Lm 01 28, D 95.5
JUN21	05 47 30 Galapagos Isl. 0.30 S 91.53 W, 84km, m 4.7 ISC
PRU	eiPP 06 05 16, D 100.5
JUN21	PRU eiPg 09 18 31, eiSg 18 47, (D 1.2)
JUN21	11 04 37.7 Galapagos Isl. 0.21 S 91.65 W, 33km, m 4.7 ISC
PRU	ePP 11 22 28, D 100.5
JUN21	KHC ePg 11 39 01.5, eiSg 39 18.5, (D 1.3) PRU ei 11 39 42
JUN21	PRU iPgC. 12 32 16.0, ei 32 21.5, eiSg 32 37.5, (D 1.6) KHC ePn 12 32 24, eiPg 32 28, eiSg 32 56, (D 2.1)
JUN21	PRU ePg 14 46 37, eiSg 46 52.2, (D 1.2) KHC eiPg 14 46 47, eiSg 47 08, (D 1.5)
JUN21	KHC iPg 16 39 15, iSg 39 35, (D 1.5)
JUN21	17 20 06 Norwegian Sea 72.29 N 1.3 E, 30km, m 4.1 ISC
PRU KHC	eP 17 25 10, D 23.2 eiP 17 25 18, ei 25 41, D 23.9
JUN22	01 12 33.3 Japan 40.31 N 143.68 E, 29km, m 5.6 ISC
PRU PRA KHC	iPC. 01 24 39.5 (1.7s 221mu), eiPcP 24 48.5, eiPP 27 39, eiPPP 29 44, eiS 34 39, eiPS 35 28, ei 36 30, eL 54, Lm 02 02.7 (LH: 13s 6.7u), m 5.8, M 6.2, D 79.6 eiPC. 01 24 39.5 (PV: 2s 0.9u), ePP 27 39, eS 34 39 (SH: 4s 1.4u), Lm 02 05 (LH: 15s 7.0u, LV: 14s 6.7u), M 6.1, MPV 6.6, MSH 6.4, D 79.6 iPC. 01 24 45.5 (1.2s 156mu), eiPcP 24 54, eiPP 27 36, m 5.9, D 80.7

JUN22	08 08 43.8 W. of Tonga 20.02 S 177.77 W, 409km, m 4.4 ISC
PRU PRA KHC	eiPKHKP 08 27 44, eiPKP2 27 49.5, D 148.5 ePKHKP 08 27 44, D 148.5 eiPKHKP 08 27 46 (1.0s 24mu), eiPKP2 27 54, D 149.6
JUN22	12 21 38.7 N. Italy 45.87N 11.18 E, 37km, m 4.5 ISC
KHC PRU PRA	iPnC. 12 22 33.6 (0.7s 239mu), iPg 22 45.1, eiSn 23 15, D 3.7 eiPnC. 12 22 47, eiPg 23 08, eiSn 23 41, eiSg 24 03, Lm 24 42 (LH: 6s 1.8u, LV: 6s 1.1u), M 3.8, D 4.7 e(Pn) 12 22 51, eiSg 24 05.5, D 4.7
JUN22	12 37 49 N. Italy 45.79 N 11.3 E, 9km, m 4.1 ISC
KHC PRU PRA	iPnC. 12 38 46, D 3.7 ePn 12 39 00, ePg 39 17, eSn 39 56, eiSg 40 15, Lm 40 36 (LH: 7s 1.8u), M 3.8, D 4.7 ePg 12 39 17, eiSg 40 19.5, D 4.8
JUN22	Probably aftershock.
PRU	ePg 12 46 57.5, eiSn 47 36, eiSg 47 58.5, (D 4.7)
JUN22	KHC ePg 12 48 23, ei 48 39, ei 48 51, ei 49 06
JUN22	KHC iPg 13 00 34, eiSg 00 50, (D 1.2)
JUN22	PRU eiPg 14 34 41, eiSg 35 04.5, (D 1.8) KHC ePg 14 34 46, eiSg 35 11, (D 1.9)
JUN22	15 56 49.7 S. Persia 29.64 N 51.26 E, 52km, m 4.7 ISC
PRU KHC	eP 16 03 32, e 03 49, D 34.3 eiP 16 03 35 (1.2s 25mu), m 5.0, D 34.6
JUN22	17 27 11.5 N. Atlantic Ridge 23.63 N 44.92 W, 33km, m 4.4 ISC
KHC	eiP 17 36 20, D 52.0
JUN22	KHC eiPn 19 35 54.5, ePg 36 03, eiSn 36 25.5, eiSg 36 34, (D 2.5) PRU e 19 37 05, ei 37 09
JUN22	21 01 00.9 W. of Tonga 17.90 S 177.96 W, 627km, m 4.4 ISC
PRU KHC	eiPKP 21 19 34.5, D 146.4 eiPKPD. 21 19 37.5 (1.0s 16mu), D 147.5
JUN23	04 57 52.8 Japan 41.64 N 143.36 E, 48km, m 4.5 ISC

PRU KHC	eiP 05 09 50.3, D 78.3 eiP 05 09 55, D 79.4
JUN23	05 20 35 Japan 39.36 N 142.90 E, 11km, m 4.4 ISC
PRU KHC	eP 05 32 48, D 80.1 eP 05 32 50, D 81.2
JUN23	PRU eiPg 08 17 48.7, eiSg 18 05.5, (D 1.4)
JUN23	09 16 18 S. Persia 29.76 N 51.24 E, 32km, m 5.3 ISC
PRA PRU KHC	eP 09 22 59 (PH: 4.3s 0.6u, PV: 4.4s 1.0u), eS 28 30, Lm 42, MPH 6.1, MPV 6.0, D 34.3 eP 09 23 00, ePP 24 26, eS 28 26, eL 35, Lm 40 (LH: 11s 1.9u), M 5.1, D 34.2 eiPC. 09 23 03.5 (1.0s 126mu), ei 24 05, m 5.8, D 34.5
JUN23	15 01 55.8 Kodiak Isl. 56.80 N 152.18 W, 35km, m 4.4 ISC
PRU KHC	eP 15 13 24, eiPcP 13 33.5, D 73.0 eP 15 13 29, D 73.8
JUN23	16 53 50.2 Kodiak Isl. 56.70 N 152.44 W, 28km, m 4.8 ISC
PRA PRU KHC	eP 17 05 19, Lm 53, D 73.0 eiPC. 17 05 19.5, e 06 46, ePP 08 02, eiS 14 49, eSS 19 52, eL 32, Lm 41 (LH: 17s 2u), M 5.5, D 73.1 iPC. 17 05 25 (1.5s 45.5mu), eipP 05 33.5, m 5.2, D 73.9
JUN23	18 36 46 Kodiak Isl. 56.62 N 152.3 W, 15km, m 4.3 ISC
KHC	eP 18 48 23, D 74.0
JUN24	03 22 00.5 Congo 0.36 S 29.89 E, 33km, m 5.0 ISC
KHC	eP 03 31 01, e 31 43, D 51.3
JUN24	09 51 32 Crete 34.34 N 25.22 E, 40km, m 4.3 ISC
KHC PRU	iPC. 09 55 30.4, D 17.1 eiP 09 55 33, D 17.5
JUN24	10 17 31 Greece 38.0 N 20.8 E, 42km, m 4.4 ISC
KHC PRU	eiP 10 20 22.5, ei 22 36, D 12.3 eP 10 20 32, D 12.8
JUN24	KHC iPg 11 58 54, iSg 58 58, (D 0.31) PRU eiPg 11 59 06.5, eiSg 59 20.5, (D 1.1)

JUN24	11 59 03.3 Tonga 15.13 S 173.4 W, 33km, m 4.4 ISC
KHC	eiPKP 12 18 40, D 145.6
JUN24	20 12 22 N. of Ascension Isl. 1.1 S 16.1 W, 22km, m 4.9 ISC
KHC PRU	eP 20 22 00 (1.1s 14mu), ei 22 25, eiPP 24 15, m 4.9, D 56.2 eP 20 22 07, ei 22 13.7, D 57.3
JUN25	04 08 14 Japan 32.7 N 141.2 E, 29km, m 4.2 ISC
PRU	eP 04 18 49.5, ePcP 18 55, D 85.1
JUN25	05 45 30.2 N. of Ascension Isl. 0.95 S 16.07 W, 33km, m 4.5 ISC
KHC	eP 05 55 07, D 56.1
JUN25	06 46 29.2 N. of Ascension Isl. 0.87 S 16.08 W, 33km, m 4.7 ISC
KHC PRU	eP 06 56 05, D 56.0 eP 06 56 11.7, ei 56 30, D 57.1
JUN25	10 13 57.0 Caspian Sea 39.63 N 49.3 E, 28km, m 4.4 ISC
PRU KHC	eP 10 19 37, epP 19 48, D 26.5 eP 10 19 40, D 27.0
JUN25	KHC ePg 14 31 57, eiSg 32 14.5, (D 1.4)
JUN25	23 33 15.9 Japan 39.60 N 143.57 E, 2km, m 5.1 ISC
PRU PRA KHC	iPC. 23 45 29.5 (1.5s 53mu), eiPcP 45 38.5, ei 46 06, eS 55 32, eL 00 15, Lm 19.5 (LH: 20s 2.5u), m 5.2, M 5.6, D 80.2 ePC. 23 45 30, Lm 00 24 (LH: 14.5s 2.0u, LV: 14s 1.5u), M 5.5, D 80.1 iPC. 23 45 35 (1.5s 59mu), eiPcP 45 44, ePP 48 39, m 5.4, D 81.2
JUN26	01 42 20.9 N. California 40.07 N 124.28 W, 10km, m 5.1 ISC
PRA PRU KHC	eP 01 54 50, Lm 02 36 (LH: 15s 2.5u, LV: 15s 1.8u), M 5.7, D 83.2 eiP 01 54 51 (1.7s 59mu), e 55 20, eS 02 05.12, eL 17, Lm 34 (LH: 16s 3.3u), m 5.5, M 5.8, D 83.3 eiP 01 54 52 (1.7s 46mu), ePP 58 16, m 5.4, D 83.7
JUN26	01 54 13 S. Persia 29.74 S 51.12 E, 17km, m 5.0 ISC
PRU KHC	eP 02 00 58, D 34.1 eiP 02 01 00.5 (1.2s 23mu), ei 01 07.5, m 5.0, D 34.4

JUN26	PRU eiP 02 01 29 KHC eiP 02 01 30.4 (1.2s 45mu), ei 02 34
JUN26	04 53 46.0 N. Peru 5.79 S 77.5 W, 25km, m 4.8 ISC KHC eP 05 07 13.5, D 95.0 PRU eiP 05 07 16.5, D 95.7
JUN26	10 23 50.4 Japan 42.00 N 142.78 E, 52km, m 5.6 ISC PRU eiPC. 10 35 43.5 (1.4s 104mu), ei 36 03, eiPP 38 39.5, eS 45 48, eL 11 01, Lm 13.5 (LH: 15s 1.8u), m 5.7, M 5.6, D 77.8 PRA eiPC. 10 35 44.5 (PV: 2s 0.6u), Lm 11 13.5 (LH: 13s 1.4u, LV: 14s 1.8u), M 5.4, MPV 6.3, D 77.8 KHC iPC. 10 35 49.5, ePP 38 42, D 78.9
JUN26	Near shock. KHC e 10 43 57, ei 44 24
JUN26	10 47 43.4 N. California 40.13 N 124.5 W, 8km ISC PRU eP 11 00 14, D 83.3
JUN26	11 01 Explosion of 10 Tons: Czechoslovakia 50.60 N 15.92 E PRU PRU e 11 01 34, eiSg 01 50, D 1.1 KHC eSg 11 02 15, D 2.1
JUN26	PRU eiPn 14 05 43, eiPg 05 46.5, iSg 06 13, (D 2.0) KHC eiPg 14 05 48, eiSg 06 18, (D 2.4)
JUN26	15 40 33.1 Loyalty Isl. 22.20 S 171.33 E, 110km, m 5.6 ISC PRA ePKP 16 00 01 (PKPV: 4.8s 1.7u), D 146.5 KHC eiPKIKP 16 00 02.3 (1.0s 229mu), iPKHKP 00 06.4, iPKP2 00 19.6, PRU ipPKP 00 29.4, eiPP 03 32, D 147.9 iPKHKP 16 00 03.5 (1.2s 200mu), eiPKP2 00 11.5, eipPKP 00 27, D 146.8
JUN27	02 02 40.2 W. of Tonga 20.80 S 178.87 W, 602km, m 4.7 ISC PRA ePKIKP 02 21 17, ePKHKP 21 23, D 149.0 KHC eiPKIKP 02 21 19.5, iPKHKP 21 24.5, iPKP2 21 34, epPKP 23 42, D 150.0 PRU eiPKHKPD. 02 21 22.5 (1.0s 46mu), eiPKP2 21 29.5, eipPKP 23 39, D 149.0
JUN27	06 22 45.9 Lake Baikal 54.7 N 111.1 E, 33km, m 4.4 ISC KHC eiP 06 32 21 (1.0s 9mu), m 4.8, D 55.6

JUN27	PRU eiPg 09 03 41, eiSg 04 06, (D 1.9) KHC eiPg 09 03 48, e 04 14
JUN27	10 00 06 Explosion of 2.3 Tons: Austria 48.35 N 16.25 E VIE KHC eiPn 10 00 41, eiSn 01 07, D 1.9 PRU eiSg 10 01 07, D 2.0
JUN27	PRU ePn 11 11 33.5, eiPg 11 38, ei 11 54.5, ei(Sg) 12 02, (D 1.8) KHC e(Pg) 11 11 42, e(Sg) 12 03
JUN27	15 43 41.2 Switzerland 46.19 N 6.9 E, 38km ISC KHC eiPn 15 44 59, eiPg 45 21.5, eiSg 46 29, D 5.4 PRU ePg 15 45 37, eiSn 46 26, ei 46 31.5, eiSg 47 03, Lm 47 28 (LN: 6s 0.6u), (M 3.6), D 6.4 PRA ePg 15 45 39, e 46 49, D 6.4
JUN27	15 55 27 Switzerland 46.3 N 6.8 E, BCIS KHC eiPn 15 56 47, eiPg 57 09.5, ei 57 47, eiSg 58 16, D 5.4 PRU ePg 15 57 25.5, eiSg 58 49, D 6.4
JUN27	16 24 24 Switzerland 46.3 N 6.6 E, 0km ISC KHC eiPn 16 25 41, iPg 26 03, eiSg 27 06, D 5.5 PRU ePg 16 26 17, e 27 12, eiSg 27 41.5, D 6.5 PRA ePg 16 26 19, e(Sg) 27 45, D 6.5
JUN27	16 49 46.9 Komandorsky Isl. 54.53 N 168.56 E, 33km, m 4.5 ISC KHC eP 17 01 37, D 74.6
JUN27	17 11 57.6 Japan 40.22 N 142.39 E, 54km, m 4.7 ISC PRU eiPC. 17 23 59, eipP 24 12, D 79.2 KHC iPC. 17 24 04.5 (1.0s 19mu), ipP 24 18, m 5.0, D 80.2
JUN27	21 54 16.2 Japan 42.20 N 143.66 E, 50km, m 4.5 ISC PRU eP 22 06 22, D 79.7 KHC eiP 22 06 27, D 80.8
JUN27	22 14 03 Flores Isl. 8.20 S 119.77 E, 96km, m 5.4 ISC PRU ePKP 22 32 24, e 32 32, D 104.7
JUN28	02 11 11 Japan 39.45 N 143.29 E, 16km, m 4.4 ISC

iP 02 23 23, D 80.2
iP 02 23 27.4, D 81.2

HC ePg 06 35 26, eSg 35 41, (D 1.1)

9 30 30.5 Japan 39.85 N 143.04 E, 41km, m 4.7 ISC

iP 09 42 36, D 79.7
iP 09 42 41.5, D 80.8

9 44 08 Japan 39.41 N 142.70 E, 29km, m 4.7 ISC

P 09 56 24, D 80.0

HC ePg 10 57 04, eiSg 57 18, (D 1.1)

RU eiPg 10 59 46, eiSg 11 00 15, (D 2.3)

HC e 11 00 35, e 01 17, ei 01 30
RU eiPg 11 00 40, eiSg 01 06, (D 2.0)

Probably explosion.

Pg 12 21 45.5, iSg 21 56.5, (D 0.85)

2 22 00 Nuclear Explosion "CHATEAUGAY": Nevada 37.24 N
16.48 W, USAEC, m 5.3 ISC

iP 12 34 27.5, D 83.0
iP 12 34 29 (1.0s 16mu), e 35 23, m 5.2, D 83.3

RU eiPg 13 00 19, iSg 00 33.5, (D 1.1)
HC eiPg 13 00 21.5, iSg 00 36.5, (D 1.1)

HC eiPg 13 02 14, iSg 02 21.5, (D 0.58)
RU iPg 13 02 24, eiSg 02 39, (D 1.1)

HC iPg 13 27 21.5, iSg 27 39.5, (D 1.4)
RU e 13 27 35, eSg 28 05

RU iPg 14 27 24.3, eiSg 27 51.5, (D 2.1)

4 23 59.7 Japan 40.43 N 143.59 E, 17km, m 4.8 ISC

iP 14 36 06.5, D 79.5
iP 14 36 12.5, eiPcP 36 21, D 80.5

JUN28 18 16 36.5 Japan 41.54 N 142.53 E, 50km, m 4.9 ISC

PRU eP 18 28 37, ePcP 28 47, D 78.1
KHC eP 18 28 38, D 79.2

JUN28 20 34 54 Tibet 30.29 N 94.93 E, 26km, m 4.8 ISC

KHC eP 20 45 10, D 62.4
PRU eiP 20 45 10.5, D 61.5

JUN29 01 17 18.4 Japan 40.21 N 143.6 E, 34km, m 4.2 ISC

KHC eiP 01 29 30, D 80.7

JUN29 04 20 51.1 Japan 40.11 N 142.1 E, 69km, m 4.4 ISC

PRU eP 04 32 50, D 79.2
KHC eiP 04 32 56, D 80.2

JUN29 PRU eiPg 09 37 03.5, eiSg 37 17.5, (D 1.1)
KHC eiPg 09 37 13, eiSg 37 33.5, (D 1.5)

JUN29 11 48 19.0 Lake Tanganyika 1.03 S 29.21 E, 33km, m 5.1 ISC

KHC eiPD. 11 57 24.5 (1.5s 59mu), ePP 59 25, m 5.3, D 51.8
PRU eiP 11 57 29, D 52.4
PRA eP 11 57 32, D 52.5

JUN29 19 12 22.3 S. California 34.30 N 119.72 W, 15km, m 4.9 ISC

PRU eP 19 25 09, D 86.8

JUN30 05 04 11.2 Tibet 30.22 N 94.82 E, 48km, m 4.7 ISC

PRU eP 05 14 25, D 61.5

JUN30 09 35 29.2 S. of Marianas 12.98 N 145.24 E, 35km, m 5.4 ISC

KHC eP 09 49 33.5, eiPP 53 43, D 104.9
PRU eP 09 49 34, e 52 44, ePP 53 46, eiSKS 10 00 10, eL 26, Lm 32
(LH: 18s 1.6u), M 5.6, D 103.9
PRA Lm 10 43, D 103.9

JUN30 13 44 09.1 New Hebrides 20.43 S 169.32 E, 0km ISC

KHC eiPKP 14 03 48.5, e 03 57.5, D 145.4

JUN30 13 47 38.1 New Hebrides 20.45 S 169.1 E, 0km ISC

KHC eiPKP 14 07 15, ei 07 25.5, D 145.3

JUN30	14 48 39.5 Japan 38.82 N 142.70 E, 35km, m 4.9 ISC
PRA	eP 15 00 49, D 80.5
PRU	eiP 15 00 50, eiPcP 00 56.7, eL 30, Lm 33.5 (LH: 18s 0.6u), M 5.0, D 80.5
KHC	eiP 15 00 56 (1.2s 22mu), ei 01 54, m 5.2, D 81.6
JUN30	19 38 14.8 W. of Tonga 18.51 S 177.78 W, 559km, m 4.1 ISC
PRU	eiPKP 19 56 56, D 147.1
KHC	eiPKPD. 19 56 59 (1.5s 27mu), D 148.1

JUL01	04 02 00.9 S.W. Russia 47.85 N 47.72 E, 29km, m 5.5 ISC
PRU	iPC. 04 06 52.5 (0.7s 294mu), ei 07 31, m 5.8, D 21.8
PRA	eP 04 06 53, D 21.9
KHC	eiPC. 04 07 01 (0.7s 200mu), m 5.8, D 22.6
JUL01	KHC eiPg 04 19 32.5, eiSg 20 06, e 20 34, (D 2.5) PRU ei(Sg) 04 21 09
JUL01	PRU e 08 10 55, eiSg 10 56.5 KHC iPg 08 11 05.5, eiSg 11 20.5, (D 1.1)
JUL01	10 45 12.0 Japan 36.01 N 139.33 E, 68km, m 5.8 ISC
PRA	iPC. 10 57 23.5 (PV: 3.6s 2.5u), ePP 11 00 26, eS 07 27 (SN: 6s 0.6u), eSS 12 41, Lm 38.2 (LH: 12.5s 2.6u, LV: 13s 3.2u), M 5.7, MPV 6.7, (MSH 5.9), D 81.5
PRU	iPC.S.E. 10 57 24.5 (1.0s 242mu), eipP 57 38, eiPP 11 00 28, eS 07 24, ePS 08 36, eSS 12 44, eQ 25, Lm 41.5(LH: 15s 2.4u), m 6.1, M 5.7, D 81.5
KHC	iPC. 10 57 29.0 (1.4s 381mu), ipP 57 44.2, eiPP 11 00 39.2, ei 01 36.7, m 6.1, D 82.5
JUL01	KHC ePg 11 57 43.5, eiSg 58 00.5, (D 1.3)
JUL01	11 51 55.9 E. of Kamchatka 53.97 N 160.31 E, 65km, m 4.3 ISC
PRU	eP 12 03 17, D 72.5
KHC	eP 12 03 22.7, D 73.5
JUL01	PRU ePn 14 26 36, eiPg 26 38.5, eiSg 27 00, (D 1.8) KHC eiPg 14 26 49.5, eiSg 27 12.2, (D 1.7)
JUL01	KHC ePg 19 19 55, ei 20 42.5, eiSg 21 09, ei 21 35, (D 5.6) PRU eSg 19 21 37, e 21 47
JUL01	19 14 52 E. Kazakhstan 44.18 N 79.29 E, 9km, m 4.5 ISC
KHC	eiP 19 22 56.8, D 44.1
JUL01	23 42 23 S. Persia 29.56 N 51.20 E, 50km, m 4.6 ISC
KHC	eiP 23 49 08, D 34.6
JUL02	03 44 51.7 Mexico 17.61 N 100.24 W, 66km, m 5.7 ISC
PRA	eP 03 57 52, ePP 04 01 26, eSKS 08 50, Lm 39 (LH: 20.5s 8.0u, LV: 22s 8.2u), M 6.1, D 91.5
KHC	eiP 03 57 52.5, ei 57 56.2, eipP 58 10.5, eiPP 04 01 34.8, D 91.5

PRU	eiP 03 57 52.5 (1.5s 84mu), ei 57 57.5, ePP 04 01 27, eSKS 08 20, eL 29, Lm 40.8 (LH: 20s 4.5u, LV: 20s 2.8u), m 5.8, M 6.1, D 91.6
JUL02	04 30 50 Kermadec 29.90 S 177.74 W, 28km, m 5.4 ISC
PRA PRU KHC	ePKIKP 04 50 42, ePKP2 51 17, D 157.9 eiPKIKP 04 50 43, eiPKP2 51 17, D 157.9 eiPKIKP 04 50 44.6, eiPKP2 51 22, D 158.9
JUL02	16 43 55 Japan 39.73 N 143.64 E, 8km, m 4.6 ISC
PRU KHC PRA	eP 16 56 06, ePcP 56 15, D 80.1 eiP 16 56 12.8, D 81.1 Lm 17 36.5, D 80.1
JUL02	18 40 11.3 New Guinea 2.70 S 139.01 E, 72km, m 5.8 ISC
PRU KHC	ePKIKP 18 58 43, epPKP 59 10, D 113.6 ePKIKP 18 58 45, eiPKP 59 11, eiPKP 19 09 54.5, D 114.6
JUL02	PRU ePg 22 16 23, ei 16 25, eiSg 16 27.3, (D 0.36) KHC ePg 22 16 37, eiSg 16 54.5, (D 1.3)
JUL02	22 12 27 Ryukyu Isl. 25.97 N 128.34 E, 42km, m 5.0 ISC
PRU KHC PRA	eiPC. 22 24 56.5 (1.5s 24mu), ePcP 25 05, m 5.2, D 84.4 eiP 22 25 01, D 85.4 Lm 23 06.8 (LH: 12.5s 0.8u, LV: 13s 1.3u), M 5.3, D 84.4
JUL02	22 43 25 Aleutian Isl. 52.9 N 171.3 E, 3km, m 4.4 ISC
PRU KHC	eP 22 55 13, D 75.6 eiP 22 55 19.2, D 76.6
JUL03	01 10 38 Kermadec Isl. 31.23 S 176.9 W, 57km, m 4.9 ISC
KHC PRU	ePKIKP 01 30 27, eiPKP2 31 13, D 160.4 eiPKP2C. 01 31 08, D 159.4
JUL03	01 43 14.6 Japan 39.8 N 143.1 E, 33km, m 4.2 ISC
KHC	eP 01 55 21, eisP 55 35.6, D 80.8
JUL03	02 39 46.9 Japan 41.38 N 142.91 E, 44km, m 4.6 ISC
KHC	eP 02 51 46, eipP 52 00, D 79.4
JUL03	PRU eP 09 20 18

JUL03	09 34 22.2 Samoa Isl. 15.77 S 172.9 W, 60km, m 4.2 ISC
PRU	ePKP 09 53 55, D 145.4
JUL03	09 55 26.3 N. Atlantic Ocean 59.45 N 30.47 W, 33km, m 4.7 ISC
PRU	eP 10 01 07, e 01 36, D 27.2
JUL03	14 29 Explosion: Czechoslovakia 49.88 N 15.87 E PRU
PRU	iPg 14 29 25.5, eiSg 29 38, D 0.87
JUL03	19 46 55 S.W. Kashmir 34.8 N 74.6 E, 88km, m 4.6 ISC
PRU	eiP 19 55 08, D 45.6
JUL04	00 34 13.2 Japan 34.85N 139.73 E, 107km, m 5.1 ISC
PRA PRU	eP 00 46 24, D 82.6 eiPD. 00 46 26 (1.2s 26mu), epP 46 51, ePP 49 24, m 4.9, D 82.6
JUL04	06 45 58.1 Tibet 30.25 N 94.94 E, 33km, m 4.7 ISC
PRU	eP 06 56 15, D 61.6
JUL04	07 12 23.8 Kurile Isl. 43.99 N 147.32 E, 73km, m 5.1 ISC
PRA PRU	eP 07 24 13, D 77.7 iPD. 07 24 14.5 (1.0s 91mu), m 5.7, D 77.8
JUL04	PRU iPC. 07 28 15 (1.0s 15.0mu), ei 28 23 PRA eP 07 28 16
JUL04	08 37 29 Aegean Sea 40.0 N 25.8 E, m 3.6 ATH
PRU	e 08 41 07, D 12.8
JUL04	PRU iPg 10 58 47.5, eiSg 59 07, (D 1.5) KHC e 10 59 02.5, eiSg 59 08 PRA eSg 10 59 07
JUL04	PRU ePg 11 58 21, e 58 34.5, eiSg 59 08, Lm 59 48, (D 3.6) KHC e 11 59 23, ei 59 47.2 PRA e 11 59 34
JUL04	12 44 08 Kurile Isl. 44.0 N 147.4 E, 60km SKL
KHC PRU	eP 12 56 07.5, D 78.8 e 12 56 19, D 77.8

KHC	ePn 00 47 39, ei 47 57, ei(Sg) 48 41.6, D 3.3
JUL07	01 10 31.7 S. Alaska 61.34 N 147.47 W, 38km, m 4.7 ISC
KHC	e(P) 01 21 43, ei 21 54.5, D 68.8
JUL07	13 16 12.3 Japan 39.45 N 142.84 E, 9km, m 5.0 ISC
PRA	eP 13 28 22, D 80.0
PRU	eP 13 28 23, eiPcP 28 30.5, D 80.0
KHC	eiP 13 28 29.5, ei 29 02.7, D 81.1
JUL07	PRU ePg 14 05 06, eiSg 05 20, (D 1.1)
JUL07	14 15 14 Japan 41.52 N 143.3 E, 13km, m 4.2 ISC
PRU	eP 14 27 27, D 78.4
JUL07	14 23 32.0 Tonga 22.27 S 174.59 W, 32km, m 5.2 ISC
PRA	ePKIKP 14 43 19, D 151.4
PRU	ePKIKP 14 43 20, eiPKHKP 43 26, e 45 35, D 151.4
KHC	eiPKIKP 14 43 22.5, eiPKP2 43 40, D 152.4
JUL07	16 50 31.7 Philippines 9.77 N 126.38 E, 33km, m 5.2 ISC
PRU	eP 17 04 05, D 96.2
KHC	eP 17 04 07.5, D 97.1
JUL07	21 34 05.3 Philippines 9.65 N 126.39 E, 52km, m 5.2 ISC
PRU	eP 21 47 29, D 96.3
KHC	eP 21 47 34.5, D 97.2
JUL08	23 48 07 N. Peru 5.69 S 77.18 W, 16km, m 5.4 ISC
KHC	eiP 00 01 29.7, eiPP 05 18, D 94.8
PRU	eP 00 01 32, eiPP 05 22, D 95.4
JUL08	00 18 40.2 Japan 40.80 N 143.28 E, 42km, m 4.7 ISC
PRU	eiP 00 30 42 (1.0s 15mu), eipP 30 53, m 5.0, D 79.0
KHC	eP 00 30 48 (1.0s 19mu), m 5.0, D 80.1
PRA	epP 00 30 51.5, D 79.0
JUL08	03 18 02.3 Japan 40.3 N 141.9 E, 33km, m 4.2 ISC
KHC	eiP 03 30 09.5, D 80.0
JUL08	03 46 02.4 Japan 41.96 N 142.32 E, 62km, m 4.3 ISC

PRU	eP 03 57 54.5, D 77.7
KHC	eiP 03 58 01, D 78.7
JUL08	03 53 34.2 Japan 41.03 N 141.87 E, 72km, m 4.5 ISC
PRU	eP 04 05 29, D 78.3
KHC	eiP 04 05 35, D 79.3
JUL08	04 57 24.7 Tonga 18.14 S 175.39 W, 274km, m 4.5 ISC
PRU	eiPKHKP 05 16 36.5, D 147.2
KHC	eiPKHKPD. 05 16 40 (1.1s 18mu), eipPKP 17 49, D 148.2
JUL08	05 41 36 Switzerland 46.2 N 6.8 E, 0km ISC
KHC	eiPn 05 42 51, ei(Pg) 43 09, ei(Sn) 43 44.2, ei(Sg) 44 14.6, D 5.4
PRU	ePn 05 43 04, ei(Pg) 43 25, ei 44 07, eiSn 44 13, e(Sg) 44 46, D 6.4
PRA	e(Sg) 05 44 51, D 6.5
JUL08	05 45 34.7 Switzerland 46.11 N 7.6 E, 33km ISC
KHC	eiPn 05 46 48.7, eiPg 47 06, eiSg 48 10.6, D 5.1
PRU	e 05 47 02, eiPg 47 25.5, ei 48 14, eiSg 48 43, D 6.1
PRA	ePg 05 47 24, e 48 10, eSg 48 47, D 6.1
JUL08	KHC eiPg 06 04 22.8, ei 04 48, eiSg 04 53, (D 2.4)
JUL08	08 01 49.9 Japan 42.42 N 144.71 E, 42km, m 4.8 ISC
PRU	eiPC. 08 13 47, D 78.2
KHC	eiPC. 08 13 53, D 79.2
JUL08	PRU eiPg 10 42 25, iSg 42 47, (D 1.6)
KHC	eiPg 10 42 25, iSg 42 46, (D 1.6)
JUL08	PRU iPg 11 30 13.5, eiSg 30 30, (D 1.4)
KHC	e 11 30 31, eiSg 30 55
JUL08	11 27 31.5 S. Persia 27.9 N 56.97 E, 108km, m 4.7 ISC
PRU	eP 11 34 48, D 38.9
KHC	eiP 11 34 51 (0.9s 40mu), m 5.2, D 39.3
JUL08	12 09 25.2 S. of Fiji 22.21 S 179.53 W, 579km, m 4.8 ISC
KHC	eiPKIKP 12 28 07.3, eiPKHKP 28 14, eiPKP2 28 25.4, eipPKP 30 31.5, D 151.2
PRA	ePKHKP 12 28 11.2 (1.1s 65mu), eiPKP2 28 20, D 150.1

PRU	iPKHKPC. 12 28 11.2 (1.1s 65mu), eiPKP2 28 20.5, eipPKP2 30 27, D 150.1
JUL08	13 14 30.3 S.E. Uzbekistan 38.12 N 67.41 E, 26km, m 5.1 ISC
PRU KHC	eiP 13 21 57, ei 22 06.5, eiPP 23 26, D 39.0 eiP 13 22 02.7, eiPP 23 35, D 39.7
JUL08	KHC eiPg 14 22 33.8, eiSg 22 57.5, (D 1.7) PRU e 14 22 30, eSg 22 47
JUL08	14 07 05.8 W. of Tonga 19.4 S 177.25 W, 365km, m 4.3 ISC
PRU KHC	eiPKHKP 14 26 09, D 148.1 ePKHKP 14 26 11.6, D 149.1
JUL08	16 28 40 S. of Fiji 25.4 S 177.0 W, 135km, m 4.2 ISC
KHC PRU	ePKIKP 16 48 17, eiPKP2 48 41.4, D 154.9 ePKHKP 16 48 23, ePKP2 48 37, D 153.9
JUL08	17 15 27.5 S. Persia 29.71 N 51.08 E, 35km, m 4.8 ISC
PRU PRA KHC	eiP 17 22 10 (2.5 s 67mu), Lm 40.3 (LN: 17s 1u), m 5.1, M 4.8, D 34.1 eP 17 22 10, Lm 40, D 34.2 eiP 17 22 12.7, ei 23 07.2, D 34.4
JUL08	17 41 06.4 Crete 34.47 N 25.08 E, 38km, m 5.3 ISC
KHC PRU PRA	eiP 17 45 01.5, i 45 05.0, ei 46 10, eiS 48 17.5, ei 48 37, D 16.9 eiP 17 45 06 (1.7s 250mu), ei(PP) 45 28, ei 47 06, ei(S) 48 40, eL 50.5, Lm 53 (LN: 10s 2.2u), m 5.1, (M 5.2), D 17.3 eP 17 45 09, e(S) 48 46, Lm 53.0 (LH: 9.5s 2.5u, LV: 10s 2.3u), M 4.7, D 17.4
JUL08	18 18 11.4 Crete 34.29 N 25.20 E, 57km, m 4.5 ISC
KHC PRU	eiP 18 22 07, i 22 09.3, D 17.2 eP 18 22 12, e 22 26, D 17.5
JUL08	18 34 29.6 Crete 34.39 N 25.20 E, 59km, m 4.4 ISC
KHC PRU	eiP 18 38 26.7 (1.1s 21mu), m 4.2, D 17.1 eP 18 38 30, D 17.4
JUL08	21 21 12.2 Aleutian Isl. 51.1 N 173.00 W, 36km, m 4.3 ISC
KHC	eiP 21 33 21, D 80.0

JUL08	21 24 43 Bonin Isl. 28.73 N 142.59 E, 3km, m 5.2 ISC
PRA PRU KHC	eP 21 37 39, D 89.9 eP 21 37 42, D 89.1 eiP 21 37 46.2, ePP 41 19, D 90.1
JUL09	04 27 53 Japan 41.35 N 143.88 E, 13km, m 4.3 ISC
PRU	eP 04 40 02, D 78.8
JUL09	08 06 09.0 Japan 39.50 N 142.90 E, 38km, m 4.5 ISC
PRU	eP 08 18 16, eS 28 24, eL 46, Lm 53 (LN: 14s 0.6u), (M 5.1), D 80.0
JUL09	08 28 19 Japan 40.54 N 143.75 E, 4km, m 4.8 ISC
PRU PRA	eP 08 40 30, e 41 16, D 79.4 eP 08 40 31, Lm 09 21, D 79.4
JUL09	PRU iPg 11 15 16.0, iSg 15 17.5, (D 0.12) PRA e 11 15 17, ei 15 19.0 KHC eiPg 11 15 34.5, iSg 15 49.5, (D 1.1)
JUL09	11 39 42 Japan 40.54 N 143.72 E, 16km, m 4.7 ISC
PRU KHC	eP 11 51 49.5, D 79.4 eP 11 51 55, D 80.5
JUL09	PRU e 12 56 58, e 57 12.5, e 57 46 KHC e 12 57 08.5, ei 58 10.7
JUL09	15 00 47.0 Crete 34.39 N 25.10 E, 49km, m 4.6 ISC
KHC PRU	eiPD. 15 04 45.3 (1.1s 41mu), eisP 05 04, m 4.5, D 17.0 eiPD. 15 04 49 (1.0s 15mu), m 4.1, D 17.4
JUL09	23 17 17.9 W. of Tonga 18.15 S 177.98 W, 617km, m 4.0 ISC
PRU KHC	eiPKPD. 23 35 52.5, D 146.7 eiPKPD. 23 35 55 (1.1s 18mu), D 147.7
JUL09	PRU eP 23 42 10 KHC eP 23 42 11, ei 42 22.5
JUL10	00 40 46.7 W. Caroline Isl. 10.52 N 138.55 E, 38km, m 5.1 ISC
PRU PRA	ePPP 01 01 16, eL 30, Lm 44 (LN: 18s 1.5u), (M 5.6), D 102.5 Lm 01 48 (LN: 17s 1.3u, LV: 18s 1.5u), M 5.5, D 102.5

JUL10	KHC eiPg 10 53 43, eiSg 54 06.5, (D 1.7) PRU e 10 53 53, e 54 03, eSg 54 29
JUL10	11 16 45.9 Mid-Indian Rise 36.86 S 78.56 E, 33km, m 5.3 ISC KHC e(P) 11 30 22, e 33 34.5, ei 34 11, D 103.2 PRA e 11 33 53, eSKS 41 39, Lm 12 32, D 103.4 PRU e 11 34 52, ePP 35 25, ei(S) 42 28, e 49 38, eL 12 00, Lm 27 (LH: 23s 2.2u), M 5.7, D 103.3
JUL10	KHC ePg 15 45 44, eiSg 46 02, (D 1.4) PRU e 15 46 02, eiSg 46 27
JUL10	20 40 30.1 Japan 40.24 N 143.31 E, 31km, m 5.4 ISC PRU eiPC. 20 52 36.8 (2.1s 191mu), ePP 55 22, ePPP 57 22.5, eiS 21 02 34, eL 21.5, Lm 27.5 (LH: 18s 3.2u), m 5.7, M 5.7, D 79.5 PRA eiPC. 20 52 36.8 (PV: 2s 0.9u), eS 21 02 37, Lm 31 (LH: 14s 3.0u, LV: 14s 2.2u), M 5.8, MPV 6.6, D 79.5 KHC eiPC. 20 52 42.5 (1.5s 114mu), eiPP 55 30.5, m 5.7, D 80.6
JUL10	22 21 11.2 Japan 40.30 N 143.27 E, 38km, m 5.0 ISC PRU eiPC. 22 33 11 (1.0s 23mu), eipP 33 25.5, ePP 36 14, m 5.0, D 79.4 KHC eiPC. 22 33 21.6 (1.0s 33mu), m 5.3, D 80.5
JUL11	PRU eiPg 13 00 53.5, eiSg 01 19.5, (D 2.0) KHC ePg 13 00 59.5, eiSg 00 35, (D 2.8)
JUL11	21 39 14.2 Madeira 33.90 N 15.59 W, 38km, m 4.4 ISC KHC eP 21 44 48, D 26.4
JUL12	00 44 37.3 Japan 39.54 N 143.20 E, 30km, m 5.8 ISC PRA eP 00 56 45, ePP 59 47, eS 01 06 50 (SH: 8s 5.2u), ePS 07 31, Lm 37 (LH: 15.5s 22u, LV: 16s 21u), M 6.6, MSH 6.7, D 80.0 PRU eiP 00 56 45.6 (1.5s 167mu), ei 57 21.5, eiPP 59 55, eiS 01 06 45 (SH: 10s 5.1u), e 1136, eL 25, Lm 37.8 (LH: 14s 18u), m 5.9, M 6.7, MSH 6.6, D 80.1 KHC eiP 00 56 51 (1.4s 162mu), ei 57 27.8, eiPP 59 55.5, m 5.9, D 81.1
JUL12	01 19 17 Japan 39.61 N 143.05 E, 31km, m 4.1 ISC PRU e(P) 01 31 33, D 80.0
JUL12	03 56 24.0 Japan 39.59 N 143.28 E, 1km, m 5.6 ISC PRA eP 04 08 36, eS 18 42 (SH: 8s 1.9u), MSH 6.3, D 80.0 PRU eiPC. 04 08 36.5 (1.5s 95mu), ei 08 54, ei 09 25, eiS 18 40 (SH: 8s 1.4u), eL 37, Lm 49 (LH: 14s 6.8u), m 5.5, M 6.2, MSH 6.1, D 80.1

KHC	eiPC. 04 08 42.5 (0.8s 24mu), ei 09 13.6, eiPP 11 40, m 5.3, D 81.1
JUL12	PRU e 09 18 37, ei 18 47, ei 19 20 KHC e 09 18 44.5
JUL12	10 34 06.1 S. Persia 29.82 N 50.73 E, 45km, m 4.7 ISC KHC eP 10 40 48, D 34.1
JUL12	PRU eiPg 11 50 02, ei 50 21, eiSg 50 25, (D 1.7)
JUL12	PRU ePn 12 00 25, eiPg 00 28.5, ei 00 51, eiSg 00 54, (D 2.0) KHC e 12 00 36, ei 00 44, eiSg 01 11.5 PRA e 12 01 09
JUL12	12 07 57.6 E. Kazakhstan 49.77 N 78.09 E, 0km, m 5.3 ISC PRU eiP 12 15 35 (1.0s 17mu), m 4.6, D 39.8 KHC eiPC. 12 15 43 (1.0s 24mu), m 4.8, D 40.8
JUL12	KHC e 13 10 01, eiSg 10 07 PRU iPg 13 10 12, iSg 10 28, (D 1.2)
JUL12	KHC ePg 13 24 26, eiSg 24 44.8, (D 1.4)
JUL12	13 42 41 Turkey 39.1 N 41.5 E, 39km, ISC PRU eP 13 47 34, D 21.9 KHC eP 13 47 38, D 22.3
JUL12	PRU ePg 14 15 24, eiSg 15 30, (D 2.0) KHC e 14 15 11, eiSg 15 21.4
JUL12	PRU e 15 37 36, eiSg 37 43 KHC eiPg 15 37 48.5, eiSg 38 10, (D 1.6)
JUL12	16 42 45.3 Japan 39.89 N 143.01 E, 39km, m 4.7 ISC PRU eiPC. 16 54 51.5 (1.0s 15mu), m 4.9, D 79.7 KHC eiP 16 54 57, eipP 55 07.3, D 80.8
JUL12	22 01 08 Kurile Isl. 47.99 N 154.66 E, 28km, m 5.1 ISC PRU eiPC. 22 12 56.4 (1.0s 31mu), eiPcP 13 05, m 5.4, D 76.5 KHC eiP 22 13 02.8 (1.0s 49mu), m 5.6, D 77.6

JUL13	06 05 53 Tibet 30.33 N 99.75 E, 27km, m 4.8 ISC
PRU KHC	eP 06 16 09, D 61.4 eP 06 16 15, D 62.2
JUL13	06 38 26.6 New Britain 6.4 S 149.82 E, 40km, m 4.7 ISC
PRU PRU KHC	eiPKIKPD. 06 57 19 (0.7s 12mu), D 122.7 eiPKIKPD. 06 57 21.6 (1.0s 22mu), D 123.7
JUL13	PRU eiPg 10 32 28.5, eiSg 32 48, (D 1.5) KHC eiPg 10 32 40, eiSg 33 05, (D 1.9)
JUL13	PRU eiPg 14 07 31, ei 07 37.5, eiSg 07 55.5, (D 1.8) KHC e 14 07 38, eiSg 08 02.3
JUL13	23 03 19.9 Tonga 20.77 S 173.90 W, 33km, m 4.8 ISC
PRU KHC	eiPKHKP 23 23 09 (1.0s 19mu), eiPKP2 23 20, D 150.1 eiPKHKP 23 23 11.6 (1.3s 22mu), D 150.1
JUL13	23 17 06.9 Tonga 18.30 S 174.93 W, 210km, m 4.5 ISC
PRU KHC	eiPKHKPC. 23 36 27.5 (1.0s 15mu), D 147.5 eiPKHKPC. 23 36 30.3, D 148.5
JUL14	03 11 34.2 W. of Tonga 16.0 S 176.76 W, 368km, m 4.6 ISC
PRA PRU KHC	ePKP 03 30 29, D 144.9 eiPKPC. 03 30 29.3 (1.0s 19mu), D 144.9 ePKP 03 30 32, D 145.9
JUL14	03 55 26 Honduras 15.25 S 88.86 W, 18km, m 4.5 ISC
KHC PRU	eiP 04 08 08.5, D 86.5 eP 04 08 10, D 86.8
JUL14	05 24 47.0 Japan 40.86 N 143.14 E, 44km, m 4.6 ISC
PRU KHC	eiPC. 05 36 48 (1.0s 12mu), eisP 37 16.5, m 4.8, D 78.9 eiP 05 36 54, eisP 37 20, D 80.0
JUL14	07 23 36.3 Japan 40.90 N 142.86 E, 41km, m 3.9 ISC
KHC	eP 07 35 42, D 79.8
JUL14	07 57 02 Tonga 19.47 S 173.51 W, 97km, m 4.9 ISC
PRU KHC	ePKHKP 08 16 42, ePKP2 16 53, D 148.9 eiPKHKP 08 16 44.8, eipPKP 17 02.2, D 149.9

JUL14	18 12 44.1 Tibet 30.25 N 94.77 E, 48km, m 4.8 ISC
PRU KHC	eP 18 22 58, D 61.5 eiP 18 23 04.8, D 62.3
JUL14	20 52 38.0 Japan 40.29 N 143.6 E, 70km, m 4.1 ISC
KHC PRU PRA	eiP 21 04 47.3, 80.7 e(P) 21 04 49, e 05 14, e 14 59, eL 36, Lm 45.7 (LH: 17s 1.5u), M 5.5, D 79.6 Lm 21 46 (LH: 14s 1.4u, LV: 16s 2.1u), M 5.5, D 79.6
JUL15	23 49 27.7 Japan 35.34 N 141.28 E, 30km, m 4.4 ISC
KHC	eiP 00 01 27.5, D 83.9
JUL15	04 12 26.4 W. of Tonga 18.0S 178.49 W, 589km, m 5.2 ISC
KHC PRU	ePKP 04 31 03, ei 31 07.6, D 147.5 eiPKPC. 04 31 03.5, epPKP 33 19, D 146.4
JUL15	05 09 06 Tibet 30.26 N 95.0 E, 25km, m 4.7 ISC
PRU	eP 05 19 25 (0.7s 15mu), m 5.3, D 61.5
JUL15	09 05 44.0 Arabian Sea 15.19 N 59.75 E, 33km, m 4.5 ISC
KHC	eiP 09 14 41, ei 15 25, D 50.5
JUL15	10 07 26.0 S. of Fiji 23.57 S 179.29 E, 539km, m 4.6 ISC
PRU KHC	eiPKHKPD. 10 26 18.5, epPKP 28 30, D 151.1 eiPKHKP 10 26 26, eipPKP 28 27, D 152.1
JUL15	PRU eiPg 16 25 23.5, eiSg 25 39, (D 1.2) KHC eiPg 16 25 31.5, eiSg 25 48.8, (D 1.3)
JUL15	18 16 55 Japan 35.32 N 141.31 E, 30km, m 4.4 ISC
PRU KHC	eP 18 29 18, D 82.9 eiP 18 29 24.2, D 84.0
JUL15	PRU eiP 19 19 40 (1.0s 15mu) KHC eiP 19 19 40
JUL16	KHC ePg 09 32 58, eiSg 33 12, (D 1.1)
JUL16	KHC eiPg 12 46 29, eiSg 46 47.6, (D 1.4) PRU e 12 47 11

JUL16	PRU eiPg 13 05 07.5, eiSg 05 32, (D 1.9) KHC e 13 05 15, eiSg 05 40
JUL16	20 42 52.5 Crete 34.28 N 26.49 E, 52km ISC KHC eiP 20 46 57, D 17.7 PRU eP 20 46 59, D 18.0
JUL16	21 25 39.4 New Hebrides 13.56 S 167.16 E, 193km, m 4.3 ISC PRU ePKIKP 21 44 42, D 137.3 KHC ePKIKP 21 44 45, D 138.4
JUL16	22 23 06 Tibet 30.28 N 94.79 E, 32km, m 4.6 ISC PRU eP 22 33 22, D 61.5 KHC eP 22 33 28, D 62.3
JUL17	05 24 15.2 Timor 8.66 S 125.03 E, 17km, m 5.6 ISC KHC ePKP 05 42 48, eiPP 43 27, D 110.5 PRU e 05 43 08.5, eiPP 43 23, ePS 52 40, ePPS 53 48, eL 06 16, Lm 38.5 (LH: 20s 0.8u), M 5.3, D 109.7 PRA ePP 05 43 25, ePS 52 46, D 109.8
JUL17	06 23 13.1 Costa Rica 10.42 N 83.36 W, 32km, m 5.1 ISC KHC eiPC. 06 35 56.6 (1.3s 25mu), m 5.3, D 86.7 PRU eiPC. 06 35 57.8 (1.3s 10mu), m 4.9, D 87.1
JUL17	PRU eiPg 10 33 28.5, eiSg 33 45.5, (D 1.4)
JUL17	PRU eiPg 12 06 46, eiSg 07 04, (D 1.4)
JUL17	PRU ePg 17 21 48, eiSg 22 07, (D 1.5)
JUL17	22 24 48 Kodiak Isl. 56.57 N 154.0 W, 48km, m 4.4 ISC PRU eP 22 36 16, D 73.4 KHC eiP 22 36 22.5, D 74.2
JUL18	00 59 40 Kurile Isl. 46.09 N 153.22 E, 19km, m 4.9 ISC PRA eP 01 11 37, D 77.8 PRU eiP 01 11 38 (1.0s 15mu), ei 11 53, m 5.1, D 77.8 KHC eiPC. 01 11 45 (1.0s 19mu), ei 12 20, m 5.1, D 78.9
JUL18	05 04 58.5 Tonga 19.51 S 175.71 W, 220km, m 5.0 ISC

KHC	ePKIKP 05 24 18, ei 24 23.5, D 149.5
PRA	ePKHKP 05 24 19, D 148.5
PRU	eiPKHKPD. 05 24 21 (1.0s 31mu), ei 24 25, eipPKP 25 17, D 148.5
JUL18	PRU eiPg 10 05 13, eiSg 05 37, (D 1.8)
JUL18	11 20 57.8 Japan 40 28 N 143.72 E, 20km, m 4.6 ISC PRA eP 11 33 05, Lm 12 13 (LH: 13.5s 1.1u, LV: 13s 0.9u), M 5.3, D 79.6 PRU eiP 11 33 05.5, ei 33 21.5, eS 43 08, Lm 12 07 (LH: 18s 0.9u), M 5.2, D 79.6 KHC eiP 11 33 12, D 80.7
JUL18	PRU e 14 00 52, ei 00 58 PRA e 14 00 55 KHC eiPg 14 01 10.5, eiSg 01 32, (D 1.6)
JUL18	14 39 25 Mid-Atlantic Ridge 9.62 N 40.22 W, 63km, m 4.4 ISC PRU eiPD. 14 49 31, D 60.4
JUL18	PRU eiPg 17 12 24, eiSg 12 42, (D 1.4) KHC eiSg 17 13 01.5
JUL18	17 20 31 Nicobar Isl. 8.85 N 93.67 E, 39km, m 4.6 ISC PRU eiP 17 32 17, D 76.3 KHC eP 17 32 21.5, D 76.9
JUL19	04 56 28 Nicobar Isl. 8.68 N 93.67 E, 36km, m 5.5 ISC PRU eiP 05 08 15, ePP 11 18, eS 17 54, ePS 18 39, eL 36, Lm 43 (LH: 21s 2.8u), M 5.5, D 76.4 PRA eP 05 08 16, e 08 24, eS 17 56, Lm 48 (LH: 20s 3.4u, LV: 20s 2.4u), M 5.6, D 76.5 KHC eiP 05 08 19.4, ei 09 25.5, D 77.0
JUL19	06 07 27 Nicobar Isl. 9.01 N 93.77 E, 78km, m 4.7 ISC PRU eiP 06 19 08, D 76.2 KHC eP 06 19 13.5, D 76.8
JUL19	16 42 24 Nicobar Isl. 8.78 N 93.78 E, 69km, m 4.6 ISC PRU eP 16 54 15, D 76.4
JUL19	18 48 59 Tibet 30.27 N 94.85 E, 30km, m 4.9 ISC PRU eP 18 59 16, D 61.5

KHC	eP 18 59 21, D 62.3
JUL20	08 22 07.9 Tadzhi-kistan-Sinkiang 39.45 N 73.93 E, 50km, m 4.5 ISC
KHC	eiP 08 30 08.4, D 43.2
JUL20	08 23 41.5 Tonga 20.88 S 174.03 W, 33km, m 4.6 ISC
PRA	ePKHKP 08 43 30, D 150.1
PRU	eiPKHKP 08 43 30.5, D 150.2
KHC	eiPKHKP 08 43 34.8, D 151.2
JUL20	KHC eiPg 12 45 06.7, eiSg 45 21, (D 1.1)
JUL21	01 30 13.2 W. of Tonga 21.96 S 179.20 W, 586km, m 4.5 ISC
PRU	eiPKHKPD. 01 48 59, eiPKP2 49 07, D 150.0
KHC	eiPKHKPD. 01 49 01 (1.0s 14mu), eiPKP2 49 12.2, D 151.1
JUL21	01 41 19.7 E. of Lake Baikal 55.35 N 113.39 E, 33km, m 5.0 ISC
PRU	eiP 01 50 51.5 (1.0s 15mu), e 51 38, ePPS 59 52, Lm 02 16.8 (LH: 13s 1.1u), m 5.0, M 5.3, D 55.2
PRA	eP 01 50 55, Lm 02 17.5 (LH: 12.5s 1.2u, LV: 12s 0.8u), M 5.2, D 55.2
KHC	eiP 01 51 00, D 56.3
JUL21	05 52 11.2 New Ireland 3.16 S 150.72 E, 5km, m 5.3 ISC
KHC	ei 06 10 08, D 121.5
PRU	ePKIKP 06 11 12, ei(PP) 12 35, e 15 01, eL 53, Lm 07 02.6 (LH: 18s 2.4u), M 5.9, D 120.5
PRA	e(PP) 06 12 36, Lm 07 03 (LH: 20s 3.1u, LV: 24s 7.2u), M 5.9, D 120.5
JUL21	06 09 43.2 New Ireland 3.14 S 150.45 E, 33km, m 5.3 ISC
PRU	ePKIKP 06 28 37, ePP 30 08, D 120.3
KHC	eiPKIKP 06 28 38.8, D 121.3
JUL21	06 32 38.3 Tonga 20.42 S 173.75 W, 41km, m 5.0 ISC
PRA	ePKHKP 06 52 26, D 150.0
PRU	eiPKHKP 06 52 26.5 (1.0s 15mu), ei 53 33, D 150.1
KHC	eiPKHKP 06 52 29 (1.1s 24mu), D 151.1
JUL21	09 57 42.0 Samoa 16.65 S 172.28 W, 65km, m 4.1 ISC
PRU	ePKP 10 17 17, D 146.3
KHC	ePKP 10 17 20.2, D 147.3

JUL21	12 50 13.4 Ryukyu Isl. 24.88 N 123.28 E, 135km, m 4.8 ISC
PRU	eP 13 02 22, D 82.5
KHC	eiP 13 02 27.8, D 83.4
JUL21	17 00 35.5 Persia 30.18 N 51.00 E, 73km, m 4.4 ISC
PRU	eP 17 07 12, D 33.7
KHC	eP 17 07 13, D 34.0
JUL21	17 13 54 E. Mediterranean Sea 35.0 N 28.5 E, 0km ISC
KHC	eiP 17 18 04.6, D 17.9
JUL21	17 28 22 Macquarie Isl. 58.17 S 148.9 E, 58km, m 4.8 ISC
KHC	eiPKHKP 17 48 13, ei 49 30.4, D 152.5
PRU	ePKHKP 17 48 16, e 50 26, eSS 18 11 32, eL 50, Lm 19 08.5 (LN: 19s 1u), (M 5.5), D 152.5
PRA	ePKHKP 17 48 17, D 152.6
JUL21	18 28 08.9 Bonin Isl. 27.80 N 139.83 E, 466km, m 4.4 ISC
PRU	eP 18 40 12, D 88.6
KHC	eP 18 40 16, D 89.7
JUL21	21 02 31.4 Sea of Okhotsk 49.56 N 147.95 E, 576km, m 4.8 ISC
PRU	eiPD. 21 13 04.3 (1.0s 30mu), eipP 15 04, m 4.8, D 73.0
PRA	eP 21 13 05, epP 15 07, D 73.1
KHC	eiPD. 21 13 10.7 (1.0s 32mu), ei 14 26, eipP 15 11, m 4.8, D 74.2
JUL22	00 13 56.4 Japan 42.16 N 142.45 E, 61km, m 4.8 ISC
PRA	eP 00 25 49, Lm 01 03, D 77.5
PRU	eiP 00 25 49.5, eisP 26 11, D 77.5
KHC	eiP 00 25 54.5, D 78.6
JUL22	05 09 16.3 Bouvet Isl. 54.76 S 2.0 E, 33km, m 5.4 ISC
PRU	ePKP 05 27 42, D 105.0
KHC	eiPKP 05 27 48.5, D 104.0
PRA	ePP 05 27 54, Lm 47 (LH: 10s 0.4u, LV: 10s 0.5u), M 5.3, D 105.0
JUL22	11 52 37 Tonga 20.8 S 173.8 W, 5km, m 4.3 ISC
PRU	eiPKHKP 12 12 31.3, D 150.1
KHC	eiPKHKP 12 12 33.8, D 151.1

JUL22	17 58 32.1 New Hebrides 20.09 S 169.03 E, 47km, m 5.4 ISC
PRU	eiPKPC. 18 18 01, ei 18 12, ei 18 59, ei 19 29, eL 19 10, Lm 20 (LH: 25s 0.7u), M 5.2, D 143.9
PRA	ePKPC. 18 18 01, e(pPKP2) 18 12, e(sPKP2) 18 18, e 19 56, ePP 21 18, Lm 19 26 (LN: 20s 1.4u, LV: 20s 1.6u), (M 5.6), D 143.9
KHC	iPKPC. 18 18 05.3 (1.4s 373mu), ipPKP 18 15.5, eisPKP 18 28.5, eiPP 21 45.2, D 145.0
JUL23	07 03 34 Tonga 17.92 S 174.38 W, 105km, m 4.2 ISC
PRU	eiPKHKP 07 23 06.5, D 147.2
KHC	eiPKHKP 07 23 09, eipPKP 23 49.4, D 148.2
JUL23	18 09 18.2 Japan 39.93 N 143.51 E, 23km, m 4.8 ISC
PRA	eP 18 21 26, Lm 19 00, D 79.8
PRU	eiPC. 18 21 26.2 (1.0s 19mu), eiPcP 21 35.5, ePP 24 18, Lm 19 00 (LN: 15s 1u), m 5.0, (M 5.3), D 79.9
KHC	eiPC. 18 21 32.6 (1.0s 24mu), eiPcP 21 40.2, m 5.2, D 80.9
JUL23	20 51 48 Tibet 30.27 N 94.98 E, 30km, m 4.8 ISC
PRU	eP 21 02 04, D 61.6
KHC	eiP 21 02 10, D 62.4
JUL23	23 00 15 Japan 40.42 N 142.7 E, 33km, m 4.4 ISC
PRU	eP 23 12 18, D 79.1
KHC	eiP 23 12 23, D 80.2
JUL23	23 02 37.1 Japan 40.33 N 143.41 E, 23km, m 5.3 ISC
PRA	ePC. 23 14 43 (PV: 5s 1u), e 14 51, ePP 17 44, eS 24 44 (SH: 6s 0.8u), Lm 53 (LH: 14s 4.8u, LV: 16s 3.6u), M 6.0, MPV 6.2, MSH 6.0, D 79.5
PRU	iPC.S. 23 14 43.7 (1.5s 95mu), ePP 17 45, eiS 24 44, eL 45, Lm 49.5 (LH: 19s 3.5u), m 5.5, M 5.8, D 79.5
KHC	eiPC. 23 14 49.8 (1.2s 88mu), eiPP 17 52, m 5.7, D 80.5
JUL24	04 06 42 Mexico 18.30 N 105.99 W, 32km, m 5.0 ISC
PRU	ePP 04 24 04, eL 48, Lm 05 03 (LH: 16s 1.2u), M 5.5, D 91.2
JUL24	08 22 25 Dominican Rep. 19.68 N 70.13 W, 1km, m 4.5 ISC
KHC	eiP 08 33 49.2, D 71.3
JUL24	PRU eiPg 09 38 06, eiSg 38 35, (D 2.3)
JUL24	PRU e 10 57 09, e 57 34

	KHC ePg 10 57 10, ei 57 28.8, eiSg 57 33, (D 1.1)
JUL24	PRU eiPg 12 53 26.5, eiSg 53 43, (D 1.3)
JUL24	PRU ePn 13 10 20, eiPg 10 21.5, eiSg 10 36.5, (D 1.3) KHC e 13 10 27, eiSg 10 44
JUL24	PRU eiPg 15 58 35.5, eSg 59 01, (D 1.9) KHC eiPg 15 58 51.5, eiSg 59 29, (D 2.9)
JUL24	20 20 51.7 Tonga 15.33 S 173.24 W, 51km, m 5.3 ISC
PRA	ePKP 20 40 23, D 144.8
PRU	eiPKPD. 20 40 23.7, ei 40 35.5, eisPKP 40 45, ei 41 30, D 144.9
KHC	eiPKPD. 20 40 27 (1.2s 175mu), ei 40 37.5, eisPKP 40 48, D 145.9
JUL24	20 56 21.1 Greece 38.40 N 21.91 E, 36km, m 4.4 ISC
KHC	eiP 20 59 18, D 12.3
PRA	Lm 21 05 (LH: 9s 0.6u, LV: 9s 0.6u), M 4.3, D 12.8
JUL25	03 34 13.8 Tibet 30.40 N 94.67 E, 33km, m 4.7 ISC
KHC	eP 03 44 27, D 62.1
PRU	eiP 03 44 28.5, D 61.3
JUL25	06 41 27.4 Tonga 21.32 S 174.26 W, 33km, m 5.0 ISC
KHC	eiPKIKP 07 01 14.2, ei 01 19.5, D 151.6
PRU	eiPKHKP 07 01 17 (1.0s 26mu), D 150.6
PRA	ePKHKP 07 01 17, e 01 22, e 01 46, D 150.5
JUL25	07 23 02 Kermadec Isl. 30.97 S 178.13 W, 17km, m 6.5 ISC
PRU	eiPKIKPC. 07 42 58 (PKPV: 7s 2.5u), eiPKP2 43 35, i 44 16.5, e 46 28, eiPP 47 10, eiPPP 57 01, e 57 16, e 08 03 24, Lm 53 (LH: 25s 30u), M 6.9, D 158.8
PRA	ePKIKP 07 42 59 (PKPV: 6s 9u), e 43 23, iPKP2 43 36.1, ePP 47 13, e 50 52, eSKSP 57 35, D 158.7
KHC	iPKIKPC. 07 42 59.9 (1.0s 350mu), iPKP2 43 40.5, ei 45 45, ei 47 48.2, D 159.8
JUL25	08 01 Explosion of 6 Tons: Czechoslovakia 48.93 N 14.45 E PRU
KHC	eiPg 08 01 44.5, eiSg 01 52.5, D 0.61
PRU	iPg 08 01 54, iSg 02 09, ei 02 11, D 1.1
JUL25	10 50 32.7 Murile Isl. 45.59 N 146.74 E, 30km, m 5.7 ISC
PRA	eP 11 02 19 (PV: 3.5s 1.0u), ePcP 02 29, ePP 05 12, eS 12 03,

PRU KHC	Lm 35 (LH: 16s 5.9u), M 6.0, MPV 6.4, D 76.1 eiPC. 11 02 19.5 (1.5s 76mu), eiPcP 02 29, eiPP 05 12, eS 12 01, eL 30, Lm 35 (LH: 16s 4.3u), m 5.6, M 5.8, D 76.2 iPC. 11 02 25.6 (1.4s 88mu), iPcP 02 34.6, ei 04 03.5, eiPP 05 15.4, ei 06 12, m 5.7, D 77.2
JUL25	PRU eiPg 11 26 40, eiSg 26 58, (D 1.4) KHC e 11 26 42, eiSg 26 58
JUL25	PRU eiPg 11 55 39.5, ei 55 50.5 KHC eiPg 11 55 52, eiSg 56 12.6, (D 1.6)
JUL25	PRU ePg 12 35 26, eiSg 35 31, (D 0.39) PRA e 12 35 31, e 35 35 KHC ePg 12 35 32, eiSg 35 48.5, (D 1.3)
JUL25	PRU iPg 14 59 01.5, eiSg 59 20, (D 1.4) KHC e 14 59 15, eiSg 59 49.2
JUL25	22 05 29 Greece-Albania 40.95 N 20.09 E, 23km, m 4.5 ISC KHC eiP 22 07 44.8, ei 08 19, ei(Sg) 10 46, D 9.4 PRU eiP 22 07 51.5, e 08 17, e 10 16, Lm 11.3 (LH: 11s 1.9u), M 4.2 D 9.8 PRA eP 22 07 53, Lm 11 30, D 9.9
JUL26	06 34 02.6 Mexico 14.39 N 93.04 W, 34km, m 5.0 ISC KHC eP 06 47 00.5, D 89.8 PRA Lm 07 29 (LH: 15.5s 2.3u, LV: 17s 1.3u), M 5.6, D 89.9
JUL26	PRU ei(Pg) 09 00 08, ei 00 24, eiSg 00 45.5 KHC ePg 09 00 29, eiSg 00 51, (D 2.3)
JUL26	KHC e 10 55 42, eiSg 55 50 PRU eiPg 10 55 52, ei 56 06.5, eiSg 56 10, (D 1.4)
JUL26	12 12 58.2 Poland 50.37 N 18.81 E, m 2.6 WAR PRU eSg 12 14 30, D 2.8 KHC eSn 12 14 44, eiSg 14 59, D 3.6
JUL26	PRU eiPg 12 45 37, eiSg 45 58, (D 1.5) KHC e 12 45 38.5, eiSg 46 07
JUL26	12 28 27 Loyalty Isl. 20.40 S 168.62 E, 44km, m 4.8 ISC PRU ePKP 12 47 57, D 144.0 KHC eiPKP 12 48 00.5 (1.6s 41mu), ei 48 10.5, D 145.1

JUL26	12 44 06.7 Tibet 30.17 N 94.8 E, 33km, m 4.7 ISC
PRU KHC	eP 12 54 23, D 61.6 eP 12 54 29, D 62.4
JUL26	Explosion Eschenlohe KHC eiPg 14 05 42, eiSg 06 11.5, (D 2.3) PRU eiPn 14 05 52, eiPg 06 01, eSn 06 31, eiSg 06 45.5, (D 3.3)
JUL26	PRU eiPg 14 10 20, ei 10 31.5, eiSg 10 36, (D 1.2) KHC eiPg 14 10 27, eiSg 10 46, (D 1.4)
JUL26	14 00 04.6 Peru-Brazil 8.55 S 74.27 W, 159km, m 5.1 ISC KHC eP 14 13 11, D 95.0 PRU eP 14 13 15, e 14 24, D 95.7
JUL26	17 07 24.0 S. Atlantic Ridge 22.47 S 12.60 W, 29km, m 5.1 ISC KHC eiP 17 19 03, ei 19 25.6, ei 20 17.3, ei(PP) 21 52, D 75.0 PRU eP 17 19 09 (1.5s 36mu), ei 19 32, eS 28 52, eL 46, Lm 51 (LN: 18s 1.5u), m 5.3, (M 5.4), D 76.1 PRA eP 17 19 10, eS 28 54, Lm 54, D 76.1
JUL26	20 48 05.1 W. Pakistan 32.23 N 70.19 E, 50km, m 4.6 ISC PRU eP 20 56 12, ei 56 18, D 44.4 PRA eP 20 56 14, D 44.5 KHC eiP 20 56 17, D 45.1
JUL27	02 45 51 Dodecanese Isl. 35.43 N 27.92 E, 29km, m 5.0 ISC KHC eiP 02 49 50.5 (1.1s 35mu), i 49 59.1, m 4.4, D 17.3 PRU ePD. 02 49 53, ei 50 01, iPP 50 18, eS 53 08 (SH: 14s 6u), eQ 54 (LH: 20s 13.2u), Rm 57 (LH: 11s 23u), M 5.7, MSH 6.1, D 17.5 PRA eP 02 49 54, e 50 01 (PH: 4.5s 2.0u, PV: 4.5s 2.3u), ePPP 50 32, eS 53 19 (SH: 12s 6.2u), eSSS 54 02, Lm 57 (LH: 12s 33u, LV: 10s 3.8u), M 5.9, MPH 5.8, MPV 5.5, MSH 5.5, D 17.6
JUL27	04 21 09.0 Kurile Isl. 44.26 N 147.70 E, 90km, m 4.2 ISC PRU eP 04 32 58, D 77.6 KHC eP 04 33 03, D 78.7
JUL27	06 31 36.8 Tonga 15.67 S 174.45 W, 112km, m 4.4 ISC PRU eiPKP 06 51 02 (0.8s 12mu), D 145.0 KHC ePKP 06 51 05, D 146.0

JUL27	10 51 36.3 S. of Fiji 19.20 S 175.74 E, 55km, m 5.4 ISC
PRU	eiPKP 11 11 10 (1.5s 77mu), e 12 26, D 145.8
PRA	ePKP 11 11 11 (PKPV: 3.5s 0.7u), D 145.8
KHC	eiPKP 11 11 11.6, ei 11 14.4, D 146.9
JUL27	17 41 46.0 Aleutian Isl. 52.49 N 170.61W, 66km, m 4.7 ISC
PRU	eiP 17 53 38, D 77.8
KHC	eiP 17 53 42.8, D 78.7
JUL28	03 24 36.4 Aleutian Isl. 57.87 N 167.18 W, 33km, m 4.6 ISC
PRU	eP 03 36 29, D 77.5
KHC	eiP 03 36 36.5, D 78.4
JUL28	07 17 03.2 Japan 41.20 N 142.76 E, 28km, m 4.4 ISC
KHC	eP 07 29 09, D 79.5
JUL28	10 58 26.3 Tonga Isl. 22.54 S 174.62 W, 35km, m 5.0 ISC
PRA	ePKHKP 11 18 17, D 151.6
KHC	eiPKHKPC. 11 18 21.2, ei(PKP2) 18 43, D 152.7
PRU	eiPKP2C. 11 18 30.5, ei 19 36, ePP 22 19, D 151.7
JUL28	14 03 37.6 Japan 40.79 N 142.47 E, 53km, m 4.7 ISC
KHC	eiPD. 14 15 42.5 (1.0s 14mu), ei 15 57.3, m 4.8, D 79.8
PRU	eipP 14 15 49, eisP 16 03, D 78.7
JUL28	21 12 37 Komandorsky Isl. 55.39 N 166.69 E, 14km, m 5.4 ISC
PRA	eP 21 24 06 (PN: 5.5s 0.4u, PV: 5.6s 1.4u), ePP 26 46 (PPN: 6s 0.6u, PPV: 6s 1.3u), ePP 28 35, eS 33 25 (SH: 10s 0.8u), eSPP 34 10, eSS 38 10, eSSS 41 23, Lm 22 03.5 (LH: 11.5s 4.0u, LV: 12s 5.0u), M 5.9, (MPH 6.2), MPV 6.3, (MPPH 6.4), MPPV 6.5, MSH 5.9, D 72.4
KHC	eiP 21 24 10.5, ei 24 50.6, ei 27 11, D 73.4
PRU	ei(P) 21 24 16, ei 24 34, e 27 01, ei 27 16.5, eiS 33 40, eSS 38 08, eL 52, Lm 58.4 (LH: 16s 3.4u), M 5.7, D 72.4
JUL28	21 23 07.6 Komandorsky Isl. 55.1 N 167.0 E, 22km, m 4.9 ISC
PRA	eP 21 34 35, D 72.8
KHC	eiP 21 34 39.8, ei 34 45.3, D 73.8
PRU	e(P) 21 34 45, eiPcP34 51.5, D 72.8
JUL29	JUL29 - JUL30 PRU: Time uncertain
JUL29	06 24 47 Aleutian Isl. 52.91 N 167.15 W, 18km, m 4.6 ISC

KHC	eiP 06 36 49 (1.2s 16mu), m 5.0, D 78.3
JUL29	07 36 27 Aleutian Isl. 52.87 N 167.01 W, 20km, m 4.6 ISC
KHC	eiP 07 48 28 (1.2s 23mu), m 5.2, D 78.4
JUL29	09 54 06.2 Mexico 14.96 N 94.20 W, 54km, m 5.0 ISC
KHC	eP 10 07 01, D 90.0
JUL29	11 11 59 Tonga 22.47 S 174.86 W, 29km, m 5.7 ISC
KHC	eiPKIKP 11 31 46.8, eiPKHKP 31 53.5, eiPKP2 32 05.2, eiPP 35 30.5, D 152.6
PRU	ePKIKP 11 31 47, eiPKHKP 31 54, eiPP 35 30, eSKKS 42 29, eSKSP 45 52, eL 12 25, Lm 39 (LH: 20s 1.5u), M 5.7, D 151.6
PRA	ePKIKP 11 31 48, ePKHKP 31 54, ePKP2 32 16, ePP 35 28, e 41 40, eSKKS 42 25, e 46 10, D 151.5
JUL29	12 19 46.6 Tonga 22.54 S 174.76 W, 33km, m 5.2 ISC
KHC	ePKIKP 12 39 36, eiPKHKP 39 42, ei 40 07.5, D 152.7
PRU	eiPKHKP 12 39 41, ePP 43 34, D 151.6
PRA	ePKHKP 12 39 41, D 151.6
JUL29	13 18 43.1 Komandorsky Isl. 55.44 N 166.5 E, 33km, m 4.5 ISC
KHC	eP 13 30 13, ei 30 38.5, D 73.4
JUL29	13 30 32.6 New Ireland 3.27 S 150.66 E, 28km, m 5.2 ISC
KHC	ePKIKP 13 49 25, ei 49 49, D 121.5
PRU	ePKIKP 13 49 28, ePP 50 56, D 120.5
PRA	ePP 13 51 13, D 120.5
JUL29	15 14 01 S. of Fiji 25.28 S 177.63 W, 199km, m 4.4 ISC
KHC	eiPKIKP 15 33 29.5, eiPKHKP 33 38.2, eiPKP2 33 54.2, D 154.6
PRU	ePKHKP 15 33 39, eiPKP2 33 52, D 153.6
PRA	ePKP2 15 33 49, D 153.6
JUL29	15 19 57.3 Tonga 21.51 S 174.11 W, 33km, m 5.0 ISC
KHC	ePKIKP 15 39 45, eiPKHKP 39 51.5, D 151.8
PRA	ePKHKP 15 39 50, D 150.7
PRU	ePKHKP 15 39 51, D 150.8
JUL29	16 03 43.4 Persia 36.72 N 53.85 E, 14km ISC
KHC	eP 16 10 05.5, D 31.6

JUL29	18 10 41.4 Straits of Gibraltar 35.20 N 2.2 W, 26km, m 4.0 ISC
KHC PRU	eiP 18 14 54, D 18.1 e(P) 18 15 09, D 19.2
JUL29	21 40 42.3 Aleutian Isl. 51.65 N 173.87 W, 44km, m 4.1 ISC
KHC	eP 21 52 45.7, D 79.4
JUL30	23 52 17 W. New Guinea 0.27 S 133.47 E, 25km, m 6.1 ISC
PRA PRU KHC	eP 00 06 40, ePP 11 12, e 11 38, e 12 53, ePS 20 34, ePKKP 22 12, e 29 50, D 108.5 eiPC. 00 06 41, e 10 06, eiPP 11 04, ePS 20 38, eiPKKP 22 14, eSS 26 04, eL 45, Lm 51 (LN: 18s 4u), (M 6.0), D 108.4 eiP 00 06 43.2, ei 10 15, eiPKKP 22 07, D 109.3
JUL30	01 17 57. E. Mediterranean Sea 35.4 N 28.2 E, Okm, ISC
KHC	eP 01 22 04, D 17.4
JUL30	02 24 49.9 Iceland 66.42 N 17.5 W, 1km, m 4.3 ISC
PRU KHC	eP 02 30 01, D 23.2 eiP 02 30 06, D 23.6
JUL30	02 50 40.6 W. of Tonga 20.94 S 178.95 W, 611km, m 4.8 ISC
KHC PRA PRU	eiPKIKP 03 09 18.5, eiPKHKP 09 24.7, eiPKP2 09 33.2, eipPKP 11 46.5, D 150.1 ePKHKP 03 09 22, ePKP2 09 30, D 149.1 eiPKHKPD. 03 09 24.8 (1.0s 46mu), eiPKP2 09 32, D 149.1
JUL30	04 10 12.3 Tonga 22.36 S 174.80 W, 33km, m 5.3 ISC
PRU KHC PRA	ePKIKP 04 30 00, eiPKHKP 30 08, ePP 33 42, D 151.5 eiPKIKP 04 30 01, ei 30 44, eiPP 33 55, D 152.5 ePKHKP 04 30 03, D 151.4
JUL30	04 27 13.3 Tonga 22.3 S 174.98 W, 33km, m 4.6 ISC
KHC	ePKHKP 04 47 11.5, D 152.4
JUL30	05 06 46.7 Tonga 22.68 S 174.92 W, 33km, m 4.5 ISC
KHC	ePKHKP 05 26 38, D 152.8

JUL30	08 11 37 Aleutian Isl. 52.94 N 167.05 W, 23km, m 4.2 ISC
KHC	eP 08 23 37.5, D 78.3
JUL30	PRU ePn 17 23 46, eiPg 23 48.6, eSg 24 16, (D 2.1)
JUL30	17 34 29.7 Kurile Isl. 44.28 N 148.92 E, 33km, m 5.2 ISC
PRU KHC PRA	eiPD. 17 46 26.5 (1.0s 65mu), eiPcP 46 35.5, m 5.7, D 78.1 iPD. 17 46 32.8 (1.2s 106mu), m 5.7, D 79.1 Lm 18 18, D 78.1
JUL30	20 38 42.3 N. Peru 6.86 S 80.42 W, 36km, m 5.8 ISC
KHC PRU PRA	eiPC. 20 52 15.6, ei 53 04, ei 55 51, D 97.8 eP 20 52 18, eipP 52 27.5, eiPP 56 17, eSKS 21 02 55, e 03 50 eL 20, Lm 35.5 (LH: 20s 4.2u), M 5.9, D 98.4 eP 20 52 19 (PV: 7s 1.1u), ePP 56 20 (PPE: 5s 0.7u, PPV: 6s 1.4u), eSKS 21 02 56, ePS 05 10, eSS 10 40, Lm 35 (LH: 19s 4.6u, LV: 19s 6.9u), M 6.0, MPV 6.7, (MPPH 6.6), MPPV 6.6, D 98.3
JUL31	01 37 23.1 Japan 40.34 N 143.95 E, 20km, m 4.6 ISC
PRU PRA KHC	eiPC. 01 49 30.5, epP 49 42, ePP 52 40, D 79.7 eP 01 49 31, D 79.7 eiP 01 49 37 (1.2s 23mu), eiPP 52 47.4, m 5.1, D 80.7
JUL31	06 40 14.8 Aleutian Isl. 52.08 N 173.12 E, 63km, m 4.5 ISC
KHC	eiP 06 52 06.5, D 77.7
JUL31	09 21 56 S. Greece 37.84 N 21.14 E, 34km, m 4.4 ISC
KHC PRU PRA	eP 09 24 49, ei(PP) 25 04, ei 26 04.5, D 12.5 eP 09 25 01.5, ei(PP) 25 23.5, D 13.0 Lm 09 30, D 13.1
JUL31	13 46 00.4 Kermadec Isl. 31.80 S 178.1 W, 33km, m 4.6 ISC
KHC PRU PRA	ePKIKP 14 05 56, eiPKP2 06 38, D 160.6 ePKP2 14 06 32, D 159.5 ePKP2 14 06 33, D 159.5
JUL31	14 26 27 Greece 39.8 N 21.2 E, m 3.8 ATH
KHC	eP 14 29 09, D 10.8
JUL31	14 41 Explosion of 10.4 Tons: Czechoslovakia 49.87 N 17.91 E PRU
PRU	eiPg 14 41 34, ei 41 35.5, eiSg 42 01, D 2.2

JUL31	19 29 29.7 Dodecanese Isl. 35.54 N 28.00 E, 49km, m 4.8 ISC
KHC	eiP 19 33 28 (1.0s 43mu), ei 34 53.5, m 4.5, D 17.2
PRU	eiP 19 33 30.5, ei 33 37.5, eS 36 51, Lm 40.5 (LN: 11s 1u), M 4.3, D 17.5
PRA	eP 19 33 38, ePP 33 50, eS 36 57, Lm 40.5 (LH: 11.5s 2.1u, LV: 12s 1.0u), M 4.6, D 17.6
JUL31	20 05 00.8 Persia 33.64 N 60.22 E, 33km, m 4.3 ISC
KHC	eP 20 12 18, D 37.6

AUG01	00 14 16.3 S. of Fiji 26.79 S 177.26 W, 126km, m 5.6 ISC
PRU	eiPKIKPC. 00 33 54, eiPKHKP 34 04, iPKP2 34 20.5, ei 35 07, eiPP 37 54.5, D 155.1
PRA	ePKIKP 00 33 55, ePKHKP 34 04, ePKP2 34 19, ePP 37 53, e 38 27, D 155.1
KHC	iPKIKPC. 00 33 56.0, iPKP2 34 25.6, eiPP 37 53.2, D 156.2
AUG01	08 45 08.1 E. of Kamchatka 52.86 N 159.35 E, 74km, m 4.7 ISC
PRA	eP 08 56 33, D 73.2
PRU	eiPC. 08 56 33.4 (1.0s 18mu), m 5.0, D 73.3
KHC	eiPC. 08 56 40 (1.0s 32mu), m 5.2, D 74.3
AUG01	KHC ePg 09 12 04, eiSg 12 19.5, (D 1.1)
AUG01	PRU e 11 17 44.5, eiSg 17 53.5 KHC ePg 11 17 59.5, eiSg 18 20.5, (D 1.6)
AUG01	13 33 09.8 Philippines 19.37 N 121.64 E, 73km, m 4.9 ISC
PRU	eP 13 45 44 (1.0s 15mu), m 5.1, D 85.8
AUG01	14 23 04.4 Azores 39.25 N 29.88 W, 33km, m 4.9 ISC
KHC	eiP 14 29 31.8 (1.0s 11mu), ei 30 22.5, m 4.7, D 32.3
PRA	eP 14 29 37, D 32.9
PRU	eiP 14 29 37.7 (1.5s 26mu), m 4.9, D 32.9
AUG01	KHC eiPg 15 24 56.8, eiSg 25 15, (D 1.4)
AUG01	18 27 20.3 Japan 40.06 N 139.22 E, 18km, m 5.0 ISC
PRA	eP 18 39 19, D 78.0
PRU	eiPC. 18 39 19.4 (1.0s 20mu), m 5.2, D 78.0
KHC	eiPC. 18 39 25.4 (1.0s 19mu), m 5.1, D 79.1
AUG01	20 19 21.5 Philippines 16.30 N 122.11 E, 31km, m 5.9 ISC
PRU	eiPC.S. 20 32 11 (3.0s 200mu, PN: 12s 1.8u, PV: 12s 3.0u), ei 32 37.5, ei 33 01, ei 35 25, eiS 42 57 (SN: 15s 13u), eiPS 44 03.5, eL 21 00, Lm 14.3 (LN: 20s 100u), m 5.8, M 7.2, (MPH 6.2) MPV 6.4, (MSH 6.7), D 88.5
PRA	ePC.S.W. 20 32 12 (PH: 10s 3.3u, PV: 10s 9.4u), eS 42 52 (SH: 13.5s 34u), Lm 21 12 (LH: 15.5s 155u, LV: 14s 31.5u), MPH 7.0, MPV 7.1, MSH 7.4, M 7.4, D 88.6
KHC	eiPC. 20 32 15.5 (1.2s 19mu), isP 32 30.8, m 5.2, D 89.4
AUG01	Probably Poland.

PRU KHC	ePn 22 03 43, e 03 48.5, eSn 04 07, eiSg 04 24, (D 2.9) ePg 22 04 02, eiSg 04 47.6, (D 3.7)
AUG01	PRU ePg 23 15 46.5, eiSg 15 51, (D 0.35) KHC ePg 23 16 00.5, eiSg 16 16.5, (D 1.2)
AUG01	23 05 06 Philippines 15.76 N 122.00 E, 82km ISC
KHC PRU	ei 23 20 15.5, D 89.8 e 23 20 18, D 88.9
AUG02	Near shock.
KHC PRU	e 02 34 27 e 02 36 38, e 37 36
AUG02	0359 27.1 W. Persia 36.85 N 49.33 E, 36km, m 4.7 ISC
KHC	eP 04 05 20.5 (1.8s 34mu), m 4.9, D 29.5
AUG02	PRU eiPg 10 43 06.9, eiSg 43 21.9, (D 1.1)
AUG02	13 30 23.3 S. Persia 27.58 N 60.92 E, 65km, m 5.7 ISC
PRU KHC PRA	eiPC. 13 38 06.5, eiPcP 40 04, D 41.7 eiPC. 13 38 09.7 (1.2s 51mu), eisP 38 34, eiPcP 40 03.2, eiS 44 23, m 5.2, D 42.1 esP 13 38 30, D 41.7
AUG02	14 06 43.5 Mexico 16.56 N 97.79 W, 36km, m 6.3 ISC
PRA PRU	iPC.S.E. 14 19 44.7 (PH: 13s 6u, PV: 12s 12.3u), e 21 04, ePP 23 18 (PPH: 14s 20.6u, PPV: 10s 17.4u), e 24 03, eS 30 34 (SH: 10s 11.7u), e 31 18, ePS 32 04, eSS 37 00, Lm 15 04.5 (LH: 17s 150u, LV: 17s 203u), M 7.5, MPH 7.2, MPV 7.1, MPPH 7.7, MPPV 7.4, MSH 7.5, D 91.0 iPC. 14 19 46.4 (2.5s 467mu, PN: 14s 3.5u, PV: 14s 5u), ei 22 50, eiPP 23 22.4, e 29 44, eiSKKS 30 22, Lm 55.5 (LN: 23s 92u), m 6.4, (M 7.2), (MPH 6.9), MPV 6.7, D 91.1
AUG02	PRU eP 16 42 46 KHC eP 16 42 48
AUG02	17 15 30.1 Kodiak Isl. 56.94 N 151.62 W, 25km, m 4.7 ISC
KHC	eiP 17 27 03 (1.5s 21mu), ei 27 25, m 4.9, D 73.6
AUG03	04 54 36.2 Ryukyu Isl. 25.73 N 128.50 E, 43km, m 6.5 ISC
PRA PRU	eP 05 07 07, eS 17 31 (SH: 11s 4.7u), e 28 05, Lm 49 (LH: 15s 51u), M 7.0, MSH 6.6, D 84.7 iPD. 05 07 08 (2.0s 1667mu), ei 08 36, m 6.9, D 84.7

KHC	iPD. 05 07 12.4 (2.0s 1650mu), m 6.8, D 85.7
AUG03	PRU iPg 05 42 57.4, iSg 43 17.4, (D 1.5) KHC eiPg 05 43 08.5, eiSg 43 35, (D 2.0)
AUG03	06 25 07.4 Philippines 16.45 N 122.31 E, 52km, m 6.1 ISC
PRU PRA KHC	iPC. 06 37 55.8 (1.7s 147mu), e 38 36, m 6.0, D 88.5 eP(C.) 06 37 56 (PV: 7s 1.9u), ePP 41 25, eS 48 36 (SH: 7s 2.0u), ePS 49 52, Lm 07 21 (LH: 13.5s 12.7u, LV: 14s 10.4u), M 6.5, MPV 6.4, MSH 6.5, D 88.5 eiP 06 38 00, ei 38 50.5, D 89.4
AUG04	- AUG05 PRU: Station operation interrupted for necessary repairs of the instrumentation.
AUG03	14 01 40.7 W. Pakistan 25.19 N 62.87 E, 29km, m 4.7 ISC
KHC	eiP 14 09 57 (1.2s 32mu), m 4.9, D 45.0
AUG03	19 19 04.8 Philippines 16.35 N 122.41 E, 48km, m 5.2 ISC
KHC	eiP 19 31 58.5, D 89.6
AUG04	00 53 03.1 Greece 39.00 N 22.15 E, 89km, m 4.0 ISC
KHC	eP 00 55 49.5 (0.5s 16mu), m 5.0, D 11.9
AUG04	08 05 21.0 Philippines 16.33 N 122.47 E, 77km, m 4.9 ISC
KHC	eP 08 18 12 (1.0s 6mu), m 5.3, D 89.6
AUG04	10 40 37.5 Tonga 22.33 S 174.89 W, 33km, m 4.9 ISC
KHC	e 11 00 33.4, eiPKP2 00 45.5, D 152.4
AUG04	11 41 23.8 Philippines 6.60 N 126.77 E, 96km, m 5.9 ISC
PRA PRU KHC	eP 11 54 55 (PE: 7s 0.4u, PV: 7s 2.5u), epP 55 19, ePP 59 00 (PPH: 9s 1.1u, PPV: 8s 2.7u), esPP 59 37, ePPP 12 01 07, eSKS 05 26, eS 06 19 (SH: 8s 3.1u), ePPS 08 47, e 09 36, eSS 13 44, Lm 38.5 (LH: 18s 6.7u, LV: 15s 2.0u), M 6.5, (MPH 6.8), MPV 6.9, MPPH 6.6, MPPV 6.7, D 99.0 eP 11 54 57, eiPP 59 00, ePPP 12 01 10, eS 06 20, eL 27, Lm 39.5 (LN: 21s 7.7u), (M 6.4), D 98.9 eiPC. 11 54 59.6 (1.2s 106mu), eisP 55 42, ei 56 16.2, m 5.8, D 99.8
AUG04	18 18 38.4 Dodecanese Isl. 35.36 N 27.77 E, 42km, m 4.5 ISC
KHC	eiP 18 22 38.2, ei 22 56.7, D 17.3

PRA	Lm 18 30, D 17.6
AUG04	19 39 11 Japan 39.72 N 143.3 E, 21km, m 4.2 ISC
KHC	eiP 19 51 25.7 (1.0s 5.5mu), m 4.5, D 81.0
AUG04	23 24 22.2 S. Greece 37.81 N 21.02 E, 62km, m 4.6 ISC
KHC	eP 23 27 15, eiPP 27 30.2, eiS 29 30.5, D 12.5
PRA	Lm 23 32, D 13.1
AUG05	04 12 19 Tonga 21.5 S 174.0 W, 33km, m 4.1 ISC
KHC	ePKHKP 04 32 13, D 151.8
AUG05	04 58 57.0 Greenland Sea 73.03 N 5.7 E, 33km, m 4.6 ISC
PRA	eP 05 04 06, D 23.4
KHC	eiP 05 04 14 (2.0s 60mu), m 4.8, D 24.2
AUG05	05 54 42.1 W. of Tonga 20.77 S 178.51 W, 577km, m 4.0 ISC
KHC	eiPKHKP 06 13 28.5, eiPKP2 13 38, D 150.1
AUG05	07 13 32 Greece - Albania 40.1 N 20.1 E ATH
KHC	e 07 16 24, D 10.2
AUG05	15 56 48.2 Poland 50.25 N 18.98 E, m 2.2 WAR
KHC	eiSg 15 58 44.2, D 3.7
AUG05	16 17 05.5 Japan 33.31 N 132.3 E, 48km, m 6.2 ISC
PRA	eP 16 29 14, epP 29 26 (pPH: 7.5s 1.2u, pPV: 8s 3.3u), ePP 32 28 (PPH: 7s 1.3u, PPV: 7s 2.2u), eS 39 17 (SH: 9s 8.8u), eSS 44 36, Lm 17 09.5 (LH: 14.5s 28u, LV: 15s 39u), M 6.8, MPPH 6.4, MPPV 6.4, MSH 6.7, D 80.5
PRU	eiPD. 16 29 14.2 (1.0s 220mu), eipP 29 25.4, ePP 32 16.5, eS 39 10 (SN: 10s 3.6u), eiPS 39 51, eSS 44 43, eSSS 48 09, ePKPPKP 16 55 55.5, eQ 56, eR 17 00, Lm 02 (LN: 19s 68u), m 6.0 (M 7.1), (MSH 6.3), D 80.5
KHC	eiP 16 29 19.7 (1.2s 191mu), eipP 29 30, eiPP 32 29.5, eiPKKP 47 52, eiPKPPKP 55 54.5, m 6.0, D 81.5
AUG05	KHC e(P) 16 54 39
AUG06	00 12 30.7 N. Atlantic Ridge 26.80N 44.64 W, 33km, m 4.7 ISC
KHC	eiP 00 21 20.6 (1.5s 23mu), m 4.9, D 49.7
PRA	eP 00 21 26, D 50.3

PRU	eP 00 21 27 (2.0s 40mu), m 5.0, D 50.4
AUG06	03 06 33.4 Philippines 16.54 N 122.40 E, 85km, m 5.0 ISC
PRU	eP 03 19 18 (1.0s 15mu), m 5.2, D 88.5
KHC	eiP 03 19 22.8 (1.1s 9mu), m 4.9, D 89.4
AUG06	03 16 34 Philippines 15.78 N 121.98 E, 106km, m 4.8 ISC
PRU	eP 03 29 18.4, D 88.9
KHC	eiP 03 29 22.2, D 89.8
AUG06	03 46 07.0 N. Atlantic Ridge 26.70 N 44.50 W, 33km, m 4.5 ISC
KHC	eiP 03 54 58, D 49.6
PRU	eP 03 55 03.5, D 50.3
AUG06	04 21 04.3 Japan 33.39 N 132.35 E, 54km, m 5.1 ISC
PRU	eP 04 33 12 (0.5s 10mu), m 5.0, D 80.4
KHC	eiP 04 33 17.1 (1.0s 5.5mu), m 4.5, D 81.5
AUG06	04 35 23 Ryukyu Isl. 25.63 N 128.41 E, 61km, m 5.0 ISC
PRU	eiPC. 04 47 52.3 (1.2s 18mu), eipP 48 05.4, m 5.1, D 84.7
PRA	eP 04 47 54, D 84.7
KHC	eiPC. 04 47 57.5 (1.2s 19.0mu), m 5.1, D 85.7
AUG06	04 53 04.4 Philippines 15.70 N 121.99 E, 48km, m 5.3 ISC
PRA	eP 05 05 55, Lm 49 (LH: 15s 1.4u, LV: 16s 1.1u), M 5.5, D 89.0
PRU	eiPC. 05 05 55.4 (1.2s 17mu), ei 06 03.8, e 16 04, eS 16 46, Lm 48.5 (LN: 14s 0.7u), m 5.2, (M 5.2), D 88.9
KHC	eP 05 05 59.5 (1.2s 13mu), ei 06 08, m 5.0, D 89.8
AUG06	08 34 40 Gulf of Aden 13.98 N 51.53 E, 13km, m 4.9 ISC
KHC	eiP 08 43 11 (1.5s 18mu), ei 43 45.2, m 5.0, D 46.9
PRU	eiPC. 08 43 11.4 (1.2s 21mu), ei 43 22, eiPP 45 05, m 5.1, D 46.9
PRA	eP 08 43 12, ePP 45 06, D 47.0
AUG06	10 07 59 Ryukyu Isl. 25.70 N 128.44 E, 15km, m 4.9 ISC
PRU	eiP 10 20 34, esP 20 44, D 84.6
KHC	eiP 10 20 39.4 (1.5s 14mu), m 4.9, D 85.6
AUG06	PRU eP 12 48 31
KHC	eP 12 48 34
AUG06	KHC eiPg 16 06 15.5, eiSg 06 35.5, (D 1.5)

	PRU e 16 06 46
AUG06	21 33 55.1 S. Atlantic Ridge 25.46 S 13.72 W, 33km, m 4.7 ISC
KHC	eP 21 45 53 (1.2s 10mu), ePP 48 54, m 4.8, D 78.2
PRU	eP 21 45 59, ePcP 46 07, D 79.2
AUG07	00 13 45.5 N. Atlantic Ridge 30.5 N 42.2 W, 33km, m 4.4 ISC
KHC	eP 00 22 07.5, D 45.6
PRU	eP 00 22 14 (2.0s 41mu), m 5.1, D 46.2
PRA	eP 00 22 14, D 46.2
AUG07	08 00 15.1 Japan 43.01 N 144.77 E, 68km, m 5.5 ISC
PRA	eP 08 12 06, e(pP) 12 21, eS 21 53, e 22 20, eSSS 30 15, Lm 50 (LH: 16.5s 2.4u, LV: 16s 2.3u), M 5.6, D 77.7
PRU	iPC. 08 12 06.4 (0.8s 100mu), eipP 12 21.5, eiS 21 52, eL 38, Lm 50 (LH: 18s 2.6u), m 5.8, M 5.7, D 77.7
AUG07	08 22 08 Aegean Sea 38.97 N 24.43 E, 1km ISC
KHC	eP 08 25 10.5, D 12.8
AUG07	KHC eiP 08 58 56 PRU eiP 08 58 58, ei 59 32
AUG07	09 03 37 Yugoslavia 43.6 N 16.5 E, 0km ISC
KHC	ei(Pn) 09 05 01.5, ei(Pg) 05 17.5, ei 05 50.4, ei(Sg) 06 10.2, ei 06 15.5, (D 4.0), D 5.9
PRU	ei(Pn) 09 05 10.4, e 05 18, ei(Pg) 05 28, e 06 14, ei(Sg) 06 28, (D 4.5), D 6.5
PRA	eSg 09 06 28, e 06 59, D 6.6
AUG07	PRU ePg 12 51 32, e 51 49, eiSg 51 55, (D 1.7) KHC e 12 51 54, eiSg 52 17
AUG07	PRU eiPg 13 00 18, eiSg 00 44, (D 2.0) KHC e 13 00 47, eSg 01 00
AUG07	PRU e 13 20 01, eiSg 20 06 KHC ePg 13 20 15.5, eiSg 20 32.3, (D 1.3)
AUG07	PRU ePg 14 14 01, eiSg 14 23, (D 1.6)
AUG07	PRU eiPg 15 21 25.4, eiSg 21 41, (D 1.2)
AUG08	00 03 51.0 S. W. Ryukyu Isl. 24.71 N 125.10 E, 76km, m 4.6 ISC

PRU	eP 00 16 14 (1.2s 10mu), m 4.6, D 83.6
KHC	eiP 00 16 18.6, D 84.6
AUG08	04 55 09.5 Japan 36.40 N 141.50 E, 36km, m 5.5 ISC
PRA	eP 05 07 27, epP 07 39, ePP 10 35, eS 17 50, Lm 47 (LH: 17.5s 2.6u, LV: 18s 2.6u), M 5.7, D 82.1
PRU	iPC. 05 07 28.0 (1.0s 76mu), ipP 07 40.0, eiPP 10 36, eS 17 35, eL 36, Lm 44 (LH: 19s 2.4u), m 5.8, M 5.6, D 82.1
KHC	iPC. 05 07 33.5 (1.1s 98mu), ipP 07 45.2, m 5.9, D 83.1
AUG08	Near shock. KHC ei 07 01 26.5, ei 02 31.2
AUG08	PRU ePg 08 41 39.8, i 41 41.8, eiSg 41 53.8, (D 1.1)
AUG08	09 20 10.9 Ryukyu Isl. 25.69 N 128.44 E, 190km, m 4.7 ISC
PRU	eiP 09 32 26.4 (1.0s 15mu), m 4.8, D 84.6
KHC	eiP 09 32 31.4 (1.5s 18mu), m 4.7, D 85.6
AUG08	PRU iPg 13 01 32.9, ei 01 39.9, iSg 01 49.9, (D 1.3)
AUG09	01 55 09 Tonga 22.5 S 175.6 W, 222km, m 4.1 ISC
PRU	ePKHKP 02 14 41, ePKP2 14 51, D 151.4
KHC	ePKHKP 02 14 43, D 152.4
AUG09	03 08 14 Easter Isl. 22.45 S 113.18 W, 122km, m 5.4 ISC
KHC	eiPKIKP 03 27 13.7, eiPP 29 23.5, D 130.5
PRU	e 03 27 20, eiPP 29 29.5, eipPP 30 09, eiSS 46 56, eL 04 03, Lm 16 (LH: 19s 1.3u), M 6.0, D 130.9
PRA	ePP 03 29 28, e 30 28, e 34 51, eSS 46 58, D 130.9
AUG09	10 38 04.3 Kurile Isl. 43.48 N 147.20 E, 41km, m 5.2 ISC
PRA	eP 10 50 00, epP 50 10, esP 50 16, D 78.1
PRU	eiPC. 10 50 01 (1.0s 30mu), eisP 50 16.4, m 5.4, D 78.2
KHC	eiPC. 10 50 06.8 (1.0s 38mu), eiPcP 50 17, m 5.4, D 79.2
AUG09	17 59 00.7 Tonga 22.71S 174.71 W, 46km, m 4.7 ISC
PRU	ePKHKP 18 18 53, D 151.8
KHC	eiPKHKP 18 18 54.5, eiPKP2 19 07, D 152.8
AUG09	21 33 58 Philippines 15.71 N 121.92 E, 63km, m 5.1 ISC
PRU	eP 21 46 47, D 88.9
KHC	eiP 21 46 51.5, D 89.8

AUG10	00 43 08.2 Svalbard region 76.50 N 9.0 E, 33km, m 4.5 ISC
PRA	eP 00 48 45, D 26.6
PRU	eP 00 48 46 (1.7s 25mu), ei 49 08, m 4.7, D 26.7
KHC	eiP 00 48 53.6 (2.0s 33mu), m 4.7, D 27.5
AUG10	01 04 42.7 Svalbard region 76.50 N 8.0 E, 33km, m 4.3 ISC
PRU	eP 01 10 20 (2.0s 41mu), m 4.8, D 26.7
PRA	eP 01 10 21, D 26.7
KHC	eP 01 10 28 (1.5s 18mu), m 4.6, D 27.6
AUG10	01 41 51.4 Fiji 15.89 S 177.30 W, 426km, m 4.5 ISC
PRU	eiPKPC. 02 00 38.4 (1.0s 16mu), D 144.7
KHC	eiPKP 02 00 42, D 145.7
AUG10	02 07 00 Molucca Passage 1.38 N 126.24 E, 1km, m 6.3 ISC
PRU	eP 02 21 00 (2.0s 64mu), ei 21 10, eiPP 25 25, ei 25 36, eiPPP 27 54, e 30 00, eiSKS 31 43, eS 32 48, eiPS 34 16, ei 34 56, Lm 03 11 (LH: 25s 310u, LV: 25s 120u), m 6.0, M 7.8, D 102.7
KHC	eiPC. 02 21 03.8 (1.5s 32mu), ei 21 10.6, ei 22 28, eiPP 25 31.4, m 5.9, D 103.6
PRA	eP 02 21 04 (PH: 10s 4.6, PV: 10s 13u), ePP 25 25 (PPH: 13s 12.2u, PPV: 13s 31.5u), ePPP 27 30, eSKS 31 34 (SKSH: 10s 34u), eSKKS 32 22, eS 32 44 (SH: 11s 38u), ePS 34 15, e 34 52, e 35 54, eSS 39 55, Lm 03 12, (LH: 21s 350u, LV: 19s 315u), M 7.8, MPH 7.6, MPV 7.6, MPPH 7.4, MPPV 7.6, MSH 7.8, D 102.8
AUG10	04 05 50.5 Molucca Passage 1.31 N 126.52 E, 35km, m 5.7 ISC
PRU	eP 04 19 50 (1.0s 15mu), e 23 16, eiPP 24 07.4, m 5.7, D 103.0
KHC	eiP 04 19 52.8, ei 20 56, ei 23 07, eiPP 24 13.2, D 103.8
AUG10	04 28 01.4 Iraq 37.00 N 43.13 E, 42km, m 4.9 ISC
PRU	eiP 04 33 17 (2.0s 125mu), m 5.1, D 24.3
KHC	eiP 04 33 20.5 (2.0s 155mu), m 5.4, D 24.6
AUG10	04 56 55.8 Svalbard region 76.39 N 9.1 E, 33km, m 4.5 ISC
PRU	eiPC. 05 02 33 (1.0s 12mu), m 4.6, D 26.6
KHC	eiP 05 02 40.5 (1.5s 14mu), m 4.5, D 27.4
AUG10	05 51 49 Molucca Passage 1.40 N 126.27 E, 41km, m 6.1 ISC
PRU	eiPC. 06 05 43.4 (2.0s 63mu), ei 05 53, ei 09 11, eiPP 10 02, eSKS 16 22, e 18 56, Lm 07 02 (LH: 20s 13u), m 6.0, M 6.4, D 102.7
KHC	eiP 06 05 47 (2.5s 125mu), ei 05 56, ei 09 48, m 6.3, D 103.6
PRA	e 06 12 00, eSKS 16 22, Lm 55 (LH: 20s 25u, LV: 20s 25.7u), M 6.7, D 102.8

AUG10	08 10 16 Molucca Passage 1.59 N 126.37 E, 32km, m 5.6 ISC
PRU	eP 08 24 12, ei 24 34, ePP 28 30, D 102.6
KHC	eiP 08 24 15.5, ei 27 58, eiPP 28 37.6, D 103.5
PRA	ePP 08 28 30, D 102.7
AUG10	PRU ePg 09 28 17, eiSg 28 36, (D 1.5)
AUG10	PRU eiPg 09 31 06.4, ei 31 09.4
PRA	e 09 31 07
KHC	ePg 09 31 24.5, eiSg 31 42.2, (D 1.4)
AUG10	16 41 31.5 Philippines 15.41 N 121.59 E, 86km, m 5.1 ISC
PRA	eP 16 54 14, ePP 57 53, e 06 04, Lm 37 (LH: 14s 1.1u, LV: 14s 1.2u), M 5.6, D 88.9
PRU	eiP 16 54 17.5 (1.5s 23mu), ei 54 34, ePP 57 48, eS 17 04 44, eL 26, Lm 30 (LH: 21s 1.7u), m 5.0, M 5.4, D 88.9
KHC	eiP 16 54 22 (1.5s 19mu), ei 54 38, m 5.0, D 89.8
AUG10	17 26 20.4 New Ireland 5.59 S 153.21 E, 51km, m 4.9 ISC
KHC	ePKIKP 17 45 16, D 124.8
AUG10	19 18 43.3 Loyalty Isl. 21.51 S 170.44 E, 141km, m 5.2 ISC
PRU	iPKPC. 19 38 08.0, eipPKP 38 42, D 145.8
PRA	ePKP 19 38 08, D 145.8
KHC	iPKPC. 19 38 11.2, ei 38 32, D 146.9
AUG11	02 41 52.9 S. Peru 15.18 S 73.93 W, 94km, m 5.6 ISC
KHC	eiP 02 55 27.8 (1.2s 19mu), eisP 56 04.6, m 5.6, D 99.7
PRU	eiPC. 02 55 32 (1.0s 15mu), epP 55 58, m 5.6, D 100.5
PRA	eP 02 55 33, D 100.4
AUG11	12 37 29.1 Aleutian Isl. 52.13 N 179.97 W, 166km, m 5.6 ISC
PRU	iPC. 12 49 07.7 (0.8s 31mu), eipP 49 47, m 5.1, D 77.5
PRA	eP 12 49 08, epP 49 48, esP 50 04, D 77.5
KHC	iPC. 12 49 13.0 (1.0s 59mu), eipP 49 53, m 5.3, D 78.5
AUG11	20 00 45.4 Molucca Passage 1.56 N 126.47 E, 58km, m 5.7 ISC
PRA	eP 20 14 39 (PV: 6s 0.5u), ePP 18 56, eS 26 15, Lm 21 03 (LH: 20.5s 4.7u, LV: 20s 5.7u), M 6.0, MPV 6.4, D 102.8
PRU	eP 20 14 40 (1.5s 23mu), ei 14 46, e 18 01, e 26 40, eL 52, Lm 21 06 (LN: 24s 6u), m 5.7, (M 6.2), D 102.7
KHC	eP 20 14 45 (1.5s 23mu), ei 14 50.4, m 5.7, D 103.6
AUG12	PRU eP 02 52 05
KHC	eiP 02 52 10.3

AUG12	07 26 43 Belgium 50.5 N 4.4 E BCIS
KHC PRU	ePn 07 28 14, ePg 28 42, ei 29 50, ei 29 56, D 6.1 e 07 30 09, D 6.5
AUG12	PRU eiPn 13 28 35.4, iPg 28 36.4, eiSn 28 52.5, (D 1.3)
AUG12	Probably Yugoslavia.
KHC PRU PRA	e 13 55 36, eiPg 55 42, ei 56 12, eiSg 56 26.6, (D 3.4) e 13 55 49, eiPg 55 55.4, eiSn 56 27, ei 56 35, eiSg 56 48, Lm 56.9 (LV: 1s 45mu - measured on the SVSN-4 record), (D 4.1) eSg 13 56 51
AUG12	18 07 09.9 Kermadec Isl. 31.75 S 177.86 W, 33km, m 4.9 ISC
KHC PRA PRU	eiPKIKP 18 26 59.5, ei 27 20.5, eiPKP2 27 48, D 160.6 ePKP2 18 27 43, D 159.5 eiPKP2 18 27 45, D 159.7
AUG12	KHC eiPg 19 34 49, eiSg 35 11.5, (D 1.6)
AUG12	20 31 49.2 Japan 41.46 N 142.83 E, 29km, m 5.1 ISC
PRU KHC	eP 20 43 49 (1.0s 7mu), e 44 04, m 4.7, D 78.3 eiP 20 43 54, ei 44 10.2, D 79.3
AUG13	01 52 44 Switzerland 46.8 N 9.7 E, Okm ISC
KHC PRU PRA	eiPn 01 53 35.7, eiPg 53 46.5, eiSn 54 18, eiSg 54 29.2, D 3.5 ePn 01 53 50, ei 54 04, eiPg 54 07.7, e 54 49, eiSg 55 03.5, Lm 55.3 (LV: 1s 45mu - measured on the SVSN-4 record), D 4.5 e(Sg) 01 54 56, D 4.5
AUG13	02 52 51 Molucca Passage 1.69 N 126.41 E, 31km, m 5.6 ISC
PRA PRU KHC	eP 03 06 46, D 102.6 eiP 03 06 46.4 (1.5s 29mu), e 08 54, m 5.8, D 102.6 eiP 03 06 48.5 (1.0s 14mu), ei 10 10, eiPP 11 09.8, m 5.6, D 103.5
AUG13	04 40 32.5 Turkey 39:43 N 41.46 E, 62km, m 4.5 ISC
PRU KHC	eP 04 45 19, D 21.7 eP 04 45 22, D 22.1
AUG13	Near shock.
KHC PRU	e 13 02 31, eiSg 03 15 ePg 13 02 53, e 03 38.4, eiSg 03 51, (D 3.4)

AUG13	13 31 06.4 Switzerland 46.87 N 9.8 E, Okm ISC
KHC PRU PRA	eiPn 13 32 00.5, ei 32 11, eiSg 33 53.5, D 3.4 eiPn 13 32 15, ei 32 28, eiPg 32 32, ei 33 13, eiSg 33 28, D 4.4 e 13 33 18, D 4.4
AUG13	16 17 29 Belgium 50.4 N 4.2 E BCIS
KHC PRU	ei 16 19 38, eiSn 20 11, eiSg 20 42, D 6.2 eiSg 16 20 56, D 6.7
AUG13	16 57 12 Belgium 50.5 N 3.7 E, Okm ISC
KHC PRU PRA	ePn 16 58 57, eiPg 59 07, ei 17 00 27, ei 01 08, D 6.5 e 16 59 11, ei 59 55, ei 17 00 40, Lm 01 12 (LH: 6s 1u), M 3.9 D 7.0 e 17 00 38, D 6.9
AUG13	18 02 53.6 Switzerland 46.83 N 9.84 E, Okm ISC
KHC PRU PRA	eiPn 18 03 48.5, ei 03 59.0, eiSn 04 31.2, i 04 41.8, D 3.4 eiPn 18 04 03, ei 04 16, ei 04 19, eiSn 05 01.5, ei 05 16.5, Lm 06 (LH: 4s 0.4u), M 3.4, D 4.5 e 18 04 17, D 4.5
AUG13	19 35 21.3 New Hebrides 15.51 S 167.55 E, 129km, m 5.3 ISC
PRU KHC PRA	ePKIKP 19 54 30, ei 54 34.7, eiPP 57 27.2, ei 58 00.5, D 139.2 eiPKIKP 19 54 30.5, i 54 37, ei 55 49, eiPP 57 36, ei 58 03.2, D 140.3 ePKIKP 19 54 34, D 139.2
AUG14	PRU eP 00 53 00 KHC eiP 00 53 02.5
AUG14	01 13 44.5 E. of Kamchatka 55.51 N 162.07 E, 69km, m 5.1 ISC
PRU KHC	eP 01 25 00 (2s 63mu), m 5.2, D 71.4 eiPC. 01 25 05.5 (1.3s 54mu), m 5.3, D 72.4
AUG14	07 56 37 Philippines 15.08 N 122.51E, 15km, m 5.5 ISC
PRU PRA KHC	eiPC. 08 09 35.8 (1.3s 38mu), ei 09 42.3, ei 10 14, eiPP 13 06, eS 20 30, eL 42, Lm 46 (LH: 20s 2u), m 5.5, M 5.6, D 89.7 eP 08 09 36, D 89.8 eiP 08 09 40 (1.5s 41mu), eiPP 13 14.5, m 5.4, D 90.6
AUG14	08 38 47.5 Mexico 18.46 N 102.98 W, 63km, m 5.7 ISC
PRA	eP 08 51 52 (PV: 3s 0.7u), eS 09 02 37, Lm 38 (LH: 16s 2.6u, LV: 17s 2.5u), M 5.8, MPV 6.5, D 92.3

KHC PRU	eiP 08 51 53.4, D 92.4 eiP 08 51 54 (2.5s 220mu), ei 52 35, eS 09 02 37, eL 26, Lm 37.5 (LH: 17s 2.2u), m 6.0, M 5.8, D 92.4
AUG14	15 47 18 Rumania 45.68 N 26.41 E, 129km, m 4.3 ISC
KHC	eiP 15 49 15, D 9.4
AUG14	18 23 20.0 Greece 39.08 N 21.81 E, Okm ISC
KHC	eP 18 26 09, D 11.7
AUG14	KHC ei 18 35 40, ei 35 52.7
AUG14	22 14 20.1 Celebes 0.06 N 119.73 E, 22km, m 6.1 ISC
PRA	eP 22 28 03 (PE: 6s 0.9u, PV: 6s 3.6u), ei (PP) 32 20.5, eiSKS 38 55, eS 39 35, eSS 46 48, Lm 23 15 (LH: 22s 250u, LV: 24s 281u), M 7.6, (MPH 6.9), MPV 7.2, D 99.7
PRU	eiPD.S.W. 22 28 06 (2.5s 270mu, PH: 18s 2u), i 28 09, ei 31 29.5, eiPP 32 17 (PPH: 20s 10.5u), iS 39 37, ei 40 45, e 45 27, eQ 23 01, eR 07, Lm 15.5 (LH: 24s 130u), m 6.4, M 7.3, MPH 6.7, MPPH 7.1, D 99.7
AUG15	02 29 43.1 Crete 35.18 N 26.70 E, 48km, m 5.0 ISC
KHC	eiP 02 33 40.6 (1.5s 45mu), i 33 46.0, ei 34 19.4, m 4.4, D 17.0
PRA	eP 02 33 42, eS 37 05, Lm 41.2 (LH: 11.5s 3.0u, LV: 10s 2.3u), M 4.8, D 17.4
PRU	eiP 02 33 43.5, ei 34 06, eS 37 02, eL 39, Lm 41.5 (LH: 13s 3.1u), M 4.7, D 17.3
AUG15	06 50 39.1 S. of Fiji 23.87 S 177.19 W, 192km, m 5.4 ISC
KHC	eiPKIKP 07 10 07.5, eiPKP2 10 28.2, D 153.4
PRU	eiPKIKP 07 10 08, ei 10 14.8, iPKP2 10 22, ePP 13 49, eL 08 06, Lm 19 (LN: 20s 0.5u), (M 6.0), D 152.4
PRA	ePKIKP 07 10 08, ePKP2 10 25, ePP 13 52, D 152.3
AUG15	08 36 41.0 W. Caucasus 43.61 N 44.22 E, 47km, m 4.4 ISC
PRU	eiP 08 41 24.5, D 21.2
KHC	eiP 08 41 30.5 (1.0s 8mu), ei 41 43.5, m 4.1, D 21.8
AUG15	Probably explosion
PRU	iPg 15 56 13.9, eiSg 56 25.4, (D 0.90)
KHC	iPg 15 56 17.5, iSg 56 32.5, (D 1.1)
AUG15	KHC e 16 45 13, eiSg 45 19.5 PRU ePg 16 45 27, eiSg 45 43.5, (D 1.2)

AUG15	17 41 28.6 Santa Cruz Isl. 12.62 S 166.15 E, 4km, m 5.4 ISC
PRA	ePKIKP 18 00 52, e 03 54, D 136.1
PRU	eiPKIKP 18 00 53, ePP 03 35, ei 04 29, eL 50, Lm 19 06.5 (LN: 19s 1u), (M 5.5), D 136.1
KHC	eiPKIKP 18 00 54.5, ei 01 05.5, eiPP 03 35, ei 04 31, D 137.1
AUG15	21 26 00.7 N. Celebes 0.04 N 120.01 E, 33km, m 5.2 ISC
PRU	eP 21 39 43 (1.5s 23mu), e 43 47, m 5.6, D 99.9
KHC	eP 21 39 50, e 43 27, ePP 44 00, D 100.7
AUG15	23 14 17.7 Ryukyu Isl. 27.02 N 129.37 E, 31km, m 4.6 ISC
PRU	eP 23 26 48.5, D 84.1
KHC	eP 23 26 52 (1.0s 6mu), m 4.7, D 85.1
AUG16	03 32 02.7 W. of Tonga 21.92 S 179.37 W, 602km, m 4.4 ISC
PRU	iPKHKPD. 03 50 47.4, ei 50 56, D 149.9
KHC	iPKHKPD. 03 50 49.3, D 151.0
AUG16	Near shock
KHC	e 10 31 11, ei 31 19.5, ei 32 20
PRU	e 10 31 46, eiSg 32 46
AUG16	10 39 16.7 Japan 38.57 N 143.39 E, 22km, m 5.4 ISC
PRU	eiPC. 10 51 31 (1.5s 85mu), e 54 36, eS 11 01 40, eL 22, Lm 32.5 (LH: 14s 4.5u), m 5.6, M 6.0, D 81.0
PRA	eP 10 51 32 (PV: 2.5s 0.8u), eSP 51 41, ePP 54 34, eS 11 01 39, Lm 11 27.8 (LH: 14s 4.6u, LV: 14s 1.3u), M 6.0, MPV 6.3, D 81.0
KHC	iPC. 10 51 37.0 (2.0s 183mu), ei 54 29, m 5.9, D 82.0
AUG16	11 34 15.8 W. of Tonga 21.23 S 179.14 W, 637km, m 5.0 ISC
PRU	ePKIKP 11 52 50, iPKHKP 52 56, eiPKP2 53 03.5, ei 54 30, ei 55 25, D 149.3
KHC	eiPKIKPD. 11 52 51, iPKHKP 52 58.0, iPKP2 53 07.5, ei 55 26.5, D 150.4
PRA	iPKHKP 11 52 55.5, D 149.3
AUG16	15 08 22.2 W. of Tonga 21.5 S 178.97 W, 629km, m 4.2 ISC
PRU	eiPKHKP 15 27 03, D 149.6
AUG16	18 25 57.6 Mexico 16.93 N 97.68 W, 57km, m 5.3 ISC
KHC	eiPC. 18 38 55 (1.5s 18mu), m 5.2, D 90.6
PRU	eP 18 38 56.5 (2.0s 41mu), m 5.4, D 90.7

AUG16	21 33 47 Yugoslavia 46.3 N 14.1 E, 33km ISC
KHC	iPn 21 34 30, eiPg 34 37, eiSg 35 12.5, D 2.9
PRU	eiPn 21 34 43.5, iPg 34 52.5, ei 35 21, eiSg 35 34, D 3.8
PRA	eSg 21 35 37, D 3.8
AUG16	21 24 43.1 Mexico 18.45 N 103.00 W, 68km, m 4.9 ISC
PRU	eiP 21 37 48.5, D 92.5
AUG16	KHC iPg 22 30 51, iSg 30 12, (D 1.6)
AUG17	04 00 36.5 Molucca Passage 1.31 N 126.35 E, 33km, m 5.7 ISC
PRU	eiPC. 04 14 34 (1.5s 23mu), ei 14 56, eiSKS 25 08, ei 26 16, eL 50, Lm 05 03 (LH: 21s 4u), m 5.7, M 6.0, D 102.9
PRA	eP 04 14 37 (PV: 6s 0.6u), ePP 18 45, eSKS 25 09, eS 26 18, e(SP) 27 50, MPV 6.4, D 102.9
KHC	eiP 04 14 40.5, e 17 32, ei 18 29, D 103.7
AUG17	04 38 05.0 Japan 31.60 N 141.00 E, 68km, m 5.2 ISC
PRA	eP 04 50 39, epP 50 57, D 85.9
PRU	eiPD. 04 50 39.5, eipP 50 58, eiPP 54 00, ei 54 16.5, D 85.9
KHC	eiPC. 04 50 44 (1.0s 16mu), eipP 51 02, eiPP 54 07.5, ei 54.23, m 5.1, D 87.0
AUG17	06 43 59.7 Tonga 17.06 S 173.2 W, 33km, m 4.4 ISC
PRU	ePKHKP 07 03 42, D 146.6
KHC	iPKHKPC. 07 03 45.0, D 147.6
AUG18	05 43 57.4 Molucca Passage 1.34 N 126.35 E, 33km, m 5.3 ISC
PRU	eP 05 58 00, D 102.8
KHC	eP 05 58 03 (1.2s 16mu), m 5.7, D 103.7
AUG18	07 12 17.9 Japan 35.17 N 135.36 E, 22km, m 5.0 ISC
PRU	eiP 07 24 29.5 (1.0s 25mu), ei 24 33, eS 34 35, Lm 08 00 (LH: 14s 1.3u), m 5.1, M 5.5, D 80.4
PRA	eP 07 24 33, Lm 08 05 (LH: 12s 0.9u, LV: 13s 0.8u), M 5.3, D 80.4
KHC	eiP 07 24 35 (1.0s 16mu), ei 25 23, m 5.1, D 81.4
AUG18	KHC eiPg 08 19 32, ei 20 02.5, eiSg 20 15, (D 3.1)
AUG18	11 55 00.3 Kurile Isl. 48.13 N 157.34 E, 32km, m 5.2 ISC
PRA	eP 12 06 49, Lm 49 (LN: 12s 0.6u, LV: 12s 0.7u), (M 5.1), D 77.1

PRU	eP 12 06 54, ei 07 23, eiS 16 50, Lm 54 (LE: 20s 0.5u), (M 4.8) D 77.1
KHC	eiPD. 12 06 58.5, i 07 04.5, D 78.2
AUG18	14 18 58 E. India 26.42 N 90.62 E, 22km, m 5.1 ISC
PRU	eiP 14 29 15.5 (1.0s 23mu), ei 29 24.5, m 5.3, D 61.5
PRA	eP 14 29 18, D 61.6
KHC	iPC. 14 29 20 (1.0s 16mu), ei 29 28.5, m 5.2, D 62.2
AUG18	18 08 38 Santa Cruz Isl. 12.65 S 166.20 E, 54km, m 5.2 ISC
KHC	eiPKHKP 18 27 48.5, eiPKIKP 27 58.0, eiPP 30 39, ei 31 31, D 137.2
PRA	ePKIKP 18 27 57, ePP 30 32, D 136.1
PRU	eiPKIKP 18 27 59, ePP 30 33, D 136.1
AUG18	18 38 30.3 Solomon Isl. 10.20 S 159.90 E, 534km, m 6.1 ISC
PRU	ePKHKP 18 56 24, iPKIKP 56 43.5, i 56 51.5, eiPP 59 08.5, iSKP 59 29, ei 19 00 12, ePPP 02 00, ei 05 14, eSPP 10.2, eSS 15.5, eL 23, Lm 39 (LH: 28s 13u), D 131.1
KHC	ePKHKP 18 56 25, iPKIKP 56 38, i 56 45.5, iPP 59 15, D 132.1
PRA	iPKIKPD. 18 56 43.3 (PV: 2s 3.6u), e 56 50, ePP 59 09, eiSKP 59 26.8, ePKS 19 00 10, ePPP 01 09, ePPP 01 58, eSP 08 25, eSPP 10 12, eSS 16 02, Lm 58 (LH: 22s 6.4u, LV: 20s 7.4u), D 131.1
AUG19	00 36 43.1 Switzerland 46.34 N 8.73 E, 33km, m 4.3 ISC
KHC	eiPn 00 38 00.5, eiPg 38 24, ei 38 52, eiSg 39 36, D 5.4
PRU	eiPn 00 38 14, eiPg 38 38.5, iSg 40 06, Lm 41 (LH: 4s 2.1u), M 4.3, D 6.4
PRA	ePg 00 38 38, eSg 40 06, Lm 11.5 (LH: 4s 3.5u, LV: 4s 2.7u), M 4.6, D 6.3
AUG19	01 45 11 Switzerland 46.2 N 6.4 E BCIS
KHC	ePg 01 47 01, ei 48 06, D 5.7
PRU	e 01 48 32, eSg 48 45.5, D 6.6
AUG19	15 16 00.1 Poland 50.35 N 18.95 E, m 2.8 WAR
PRU	eSg 15 17 35, D 2.9
KHC	eSg 15 17 58, D 3.7
AUG19	15 35 52.2 E. Mediterranean Sea 33.74 N 25.68 E, 33km, m 4.9 ISC
KHC	eiPC. 15 39 57.5 (1.5s 123mu), m 4.8, D 17.8
PRU	eiP 15 40 02, ei 41 09, D 18.2
PRA	eP 15 40 04, D 18.3

AUG19	15 42 28.8 Tonga 15.93 S 173.98 W, 144km, m 5.2 ISC PRA ePKP 16 01 51 (PKPV: 2s 0.6u), D 145.3 PRU iPKPC. 16 01 51.5 (1.1s 89mu), eipPKP 02 33, D 145.3 KHC eiPKP 16 01 55 (1.7s 148mu), eipPKP 02 35, eiPP 05 22, D 146.3
AUG20	03 15 44.8 Kermadec Isl. 31.23 S 179.97 W, 347km, m 4.7 ISC KHC eiPKIKP 03 35 00.5, eiPKP2 35 41.5, D 159.4 PRU ePKIKP 03 35 02, eiPKP2 35 37, D 158.3 PRA ePKP2 03 35 37, D 158.3
AUG20	05 02 28 Switzerland 46.9 N 9.6 E, Okm ISC KHC eiPn 05 03 21.5, ePg 03 31.5, eSg 04 13.5, D 3.4 PRU ePn 05 03 36, eiPg 03 53, e 04 34, eiSg 04 49, D 4.5
AUG20	09 30 57.7 Tibet 30.07 N 94.87 E, 33km, m 4.9 ISC PRU eP 09 41 14, D 61.7 KHC eiP 09 41 21, D 62.5
AUG20	11 16 58.5 Caroline Isl. 5.43 N 147.11 E, 28km, m 5.6 ISC PRU ePKIKP 11 35 31, e 35 50, ei 36 13, D 111.3 KHC eiPKIKP 11 35 34.5, ei 35 51, D 112.3
AUG20	PRU eiPg 14 00 01, ei 00 20.5, eiSg 00 32, (D 2.4) KHC ei 14 00 06.5, ei 00 23, eiSg 00 37
AUG20	PRU ei 14 18 54 KHC ei 14 18 58
AUG20	15 25 32 Kermadec Isl. 31.33 N 178.14 W, 33km, m 5.1 ISC KHC eiPKIKP 15 45 27, eiPKP2 46 06.5, D 160.1
AUG21	KHC iPg 10 09 25, eiSg 09 44, (D 1.5) PRU ei 10 10 07.5
AUG21	PRU ei 10 12 19 KHC eiPg 10 12 38, eiSg 12 54, (D 1.2)
AUG21	PRU e 12 48 46, eiSg 49 08.5 KHC eiPg 12 48 52, eiSg 49 14, (D 1.6)
AUG21	PRU eiPg 13 15 43, eiSg 15 58, (D 1.1)
AUG21	PRU eiPg 14 52 37.5, ei 53 03, eiSg 53 08, (D 2.3)

	KHC e 14 52 40, eiSg 53 13
AUG21	PRU eiPg 16 13 52.5, ei 14 06.5 KHC eiPg 16 14 09.5, eiSg 14 33.5, (D 1.8) PRA e 16 14 15
AUG21	17 56 48.6 Kermadec Isl. 30.71 S 178.96 W, 33km, m 5.4 ISC PRU eiPKIKP 18 16 47, eiPKP2 17 22, eiPP 21 05, eSS 41 48, ei 47 16, eL 19 06, Lm 28.5 (LH: 19s 9u), M 6.6, D 158.2 KHC eiPKIKP 18 16 49, eiPKP2 17 26.5, eiPP 20 59, D 159.3 PRA ePKIKP 18 16 50, ePKP2 17 23, Lm 19 29.2 (LH: 20.5s 11.4u, LV: 20s 6.9u), M 6.5, D 158.2
AUG22	02 08 10.1 Kermadec Isl. 31.7 S 177.6 W, 33km, m 4.6 ISC PRU ePKP2 02 28 43, D 159.6 KHC ePKP2 02 28 48, D 160.7
AUG22	KHC ei 03 47 22, ei 47 55 PRU e 03 47 27
AUG22	PRU ePg 07 15 54.5, eiSg 15 59, (D 0.35) PRA e 07 15 56 KHC eiPg 07 16 09.5, eiSg 16 26, (D 1.3)
AUG22	KHC ePg 11 52 16, eiSg 52 36, (D 1.5)
AUG22	PRU eiP 12 15 47 KHC eiP 12 15 50 (1.2s 26mu)
AUG22	13 32 26 Aleutian Isl. 52.94 N 171.17 E, 32km, m 5.0 ISC PRU eiPC. 13 44 08.6 (1.1s 35mu), m 5.4, D 75.6 KHC iPC. 13 44 15 (1.0s 38mu), ei 44 20.5, m 5.5, D 76.5
AUG22	14 00 04 Aleutian Isl. 53.03 N 171.11 E, 6km, m 5.5 ISC PRU eiPC. 14 11 49.7 (1s 61mu), ei 12 20.5, eiPP 14 44, eiS 21 32, e 22 08, eL 40, Lm 47 (LH: 18s 6.6u), m 5.7, M 6.0, D 75.5 PRA eP 14 11 52 (PV: 6.5s 1.2u), ePP 14 38, eS 21 30, Lm 49.5 (LH: 14s 5.4u, LV: 16s 3.2u), M 6.0, MPV 6.1, D 75.4 KHC iPC. 14 11 56.0 (1.5s 167mu), m 5.9, D 76.4
AUG22	16 19 39.4 New Hebrides 19.07 S 169.04 E, 165km, m 5.1 ISC PRU eiPKP 16 38 51.5, eipPKP 39 33, D 143.0 KHC eiPKPC. 16 38 55, eipPKP 39 40, D 144.1
AUG22	16 41 51 Aleutian Isl. 52.71 N 171.01 E, 17km, m 4.8 ISC

PRA PRU KHC	eP 16 53 37, D 75.7 eiP 16 53 37.5 (1.0s 15mu), m 5.1, D 75.8 eiPC. 16 53 44, D 76.7
AUG22 PRU KHC	19 52 29.8 Aleutian Isl. 52.9 N 170.9 E, 33km, m 4.5 ISC eP 20 04 14, D 75.5 eP 20 04 20 (1.0s 19mu), m 5.2, D 76.5
AUG22 PRU KHC	20 39 50 Komandorsky Isl. 55.10 N 165.66 E, 31km, m 5.0 ISC eP 20 51 16, D 72.5 eP 20 51 21.5 (1.5s 14mu), m 4.9, D 73.5
AUG23 PRU KHC	12 01 16 Tibet 30.28 N 94.97 E, 28km, m 4.7 ISC eP 12 11 33 (1.2s 12mu), m 5.0, D 61.6 eP 12 11 38 (1.2s 9mu), m 4.9, D 62.4
AUG23	PRU ePg 12 33 01, eiSg 33 17.5, (D 1.3)
AUG23 KHC PRU	15 05 00 Explosion of 11.8 Tons: Germany 50.54 N 10.04 E HAN eiPg 15 05 53, eiSg 06 26, D 2.7 eiPg 15 05 57.5, eiSg 06 37, D 2.9
AUG23 PRU KHC	16 47 50 Tonga 18.5 S 173.6 W, 18km, m 4.1 ISC eiPKHKP 17 07 36.5, ei 07 52, D 147.9 ePKHKP 17 07 40, ei 07 54, D 148.9
AUG23 KHC PRU PRA	22 36 49.8 S. Bolivia 21.95 S 63.64 W, 513km, m 5.6 ISC eiP 22 49 33 (1.6s 65mu), eipP 51 31, m 5.8, D 98.4 eP 22 49 37 (1.5s 83mu), eipP 51 35, iSKS 59 28, eiS 23 00 22, m 5.9, D 99.3 eP 22 49 38, epP 51 36, eSKS 59 28, eS 23 00 23, ePS 03 06, D 99.2
AUG23 KHC PRU	23 14 52.0 S. Bolivia 21.86 S 63.57 W, 533km, m 5.1 ISC eP 23 27 33, D 98.3 eiP 23 27 37, eipP 29 37, D 99.2
AUG24	PRA e 11 58 02 PRU iPg 11 58 04.5, ei 58 12.5, ei 58 18 KHC eiPg 11 58 18, eiSg 58 38, D 1.5
AUG24 KHC	14 13 34.8 W. of Tonga 20.84 S 178.72 W, 581km, m 3.8 ISC eiPKHKP 14 32 20, D 150.1

AUG24 KHC	15 06 58.0 S. of Kermadec Isl. 32.83 S 168.78 W, 30km, m 5.3 ISC eiPKIKP 15 26 56.5, D 163.6
AUG24 PRU PRA KHC	18 29 58.6 Tuamotu Archipelago 22.18 S 139.08 W, 0km, m 4.9 ISC eiPKPC. 18 49 39.5 (1.0s 31mu), D 145.4 ePKP 18 49 40, D 145.3 eiPKPC. 18 49 40 (1.2s 26mu), D 145.5
AUG25 KHC	01 54 25.6 Aleutian Isl. 52.00 N 173.03 W, 64km, m 4.3 ISC eP 02 06 25 (1.0s 7mu), m 4.5, D 79.1
AUG25 PRU PRA KHC	09 07 29.7 Japan 40.09 N 143.37 E, 14km, m 5.5 ISC iPC. 09 19 38 (1.5s 143mu), ei 22 22, eS 29 38, eL 50, Lm 58 (LN: 15s 4u), m 5.7, (M 5.9), D 79.7 iPC. 09 19 39.2 (PV: 3s 0.9u), ePP 22 40, eS 29 39, Lm 58.2 (LH: 14s 5.7u, LV: 14s 2.2u), M 6.1, MPV 6.4, D 79.6 iPC. 09 19 44.0 (1.1s 112mu), ei 22 45, m 5.8, D 80.7
AUG25 PRU PRA KHC	09 13 48.1 Japan 40.05 N 143.37 E, 27km, m 5.4 ISC iPC. 09 25 55.5 (1.5s 95mu), ei 26 21, m 5.5, D 79.7 iPC. 09 25 56.0, D 79.7 iPC. 09 26 00.8 (1.2s 81mu), ei 28 41, m 5.6, D 80.8
AUG25 PRU KHC	10 05 25.7 Japan 40.20 N 143.3 E, 37km, m 4.4 ISC eiP 10 17 30, D 79.5 eP 10 17 36, D 80.6
AUG25 KHC PRU PRA	11 15 45.8 Tonga 20.14 S 174.99 W, 92km, m 5.5 ISC eiPKIKP 11 35 23, eiPKHKP 35 28, ei 35 55.2, D 150.3 eiPKHKPD. 11 35 25, ei 35 53, D 149.3 ePKHKP 11 35 27, D 149.2
AUG25 PRU KHC	13 23 08.7 Molucca Passage 1.05 N 126.26 E, 30km, m 5.3 ISC eP 13 37 07 (0.8s 8mu), m 5.5, D 103.0 eP 13 37 10, D 103.9
AUG25 PRU	17 55 04 Tibet 30.39 N 94.76 E, 9km, m 4.7 ISC eP 18 05 22 (1.0s 8mu), m 4.8, D 61.4
AUG26	09 25 58 Fiji 16.30 S 178.01 E, 20km, m 5.6 ISC

PRU PRA KHC	eiPKP 09 45 30.5 (1.7s 41mu), D 143.8 ePKP 09 45 33, D 143.8 iPKPC. 09 45 34.5 (1.3s 78mu), ei 45 42, D 144.9
AUG26 KHC	20 57 03.6 Crete 34.82 N 26.51 E, 87km ISC eP 21 01 06.5, ei 01 27, D 17.2
AUG27 KHC	10 31 01.2 Crete 34.9 N 26.36 E, 33km ISC eP 10 34 58, D 17.1
AUG27 KHC	12 56 08 Tonga 15.17 S 173.47 W, 19km, m 4.6 ISC ePKP 13 15 47, ei 16 00, D 145.6
AUG27	PRU eiPg 13 19 15.5, eiSg 19 31, (D 1.1)
AUG28 PRU KHC PRA	11 50 31.0 S. of Fiji 19.97 S 176.37 E, 40km, m 5.6 ISC ePKP 12 10 07, ei 10 22, e 20 30, eL 55, Lm 13 02.5 (LN: 24s 0.5u), (M 5.2), D 146.7 ePKP 12 10 09.5, i 10 16.5, D 147.8 ePKP 12 10 10, D 146.7
AUG28	KHC eiPg 14 10 01.5, eiSg 10 18.5, (D 1.3)
AUG28 PRU KHC	17 12 11 Tonga 21.99 S 175.1 W, 195km, m 3.9 ISC eiPKP2 17 31 45, D 151.1 eiPKP2 17 31 47, ei 32 09, D 152.1
AUG28 PRU PRA KHC	20 42 20.2 Philippines 15.55 N 122.02 E, 42km, m 5.7 ISC eiPC. 20 55 12 (1.5s 48mu), ei 56 09, ePP 58 49, eSKS 21 05 40, eiS 06 04, eL 26, Lm 31.5 (LN: 20s 10.2u), m 5.5, (M 6.2), D 89.0 eP 20 55 14, eSKS 21 05 47, eS 06 04, Lm 38.5 (LH: 15.5s 17.6u, LV: 16s 19.2u), M 6.6, D 89.1 iPC. 20 55 17 (1.3s 40mu), ei 56 15, m 5.5, D 90.0
AUG29 PRU KHC	01 36 22.5 Philippines 15.51 N 121.98 E, 39km, m 5.3 ISC eP 01 49 15 (1.5s 14mu), m 5.0, D 89.1 eiPC. 01 49 19.5 (1.4s 17mu), m 5.0, D 90.0
AUG29 PRU KHC	08 05 36.2 Philippines 15.57 N 122.01 E, 68km, m 5.1 ISC eP 08 18 25 (1.0s 10mu), m 5.0, D 89.0 eiP 08 18 29.5, D 89.9

AUG29 PRU KHC	19 51 24.4 Tibet 30.21 N 94.89 E, 33km, m 4.9 ISC eiP 20 01 42 (1.0s 10mu), m 5.0, D 61.6 eiP 20 01 47.5, D 62.4
AUG29 PRU KHC PRA	21 08 09.3 Philippines 15.91 N 121.75 E, 50km, m 5.3 ISC eiPC. 21 20 58.4 (1.0s 25mu), m 5.3, D 88.6 eiP 21 21 03 (1.0s 14mu), m 5.0, D 89.5 Lm 22 04, D 88.6
AUG29 PRU KHC	22 45 00.0 Nuclear explosion "SLEDGE" 37.25 N 116.34 W USAEC, m 5.9 ISC iPC. 22 57 26.5 (1.5s 119mu), ei 57 40, m 5.9, D 82.9 eiP 22 57 28.5 (1.2s 106mu), ei 58 13.2, ei 23 00 40.3, m 5.9, D 83.2
AUG30 PRU KHC	02 44 53.5 Japan 40.04 N 142.81 E, 43km, m 5.1 ISC iPC. 02 56 57.3 (1s 30mu), m 5.3, D 79.5 eiP 02 57 03.2 (1.0s 46mu), m 5.5, D 80.6
AUG30	PRU iPg 09 16 47.5, eiSg 17 06.5, (D 1.4) KHC e 09 17 07.5, eiSg 17 30.6
AUG30 PRU KHC	21 11 20.4 Persia 34.9 N 59.5 E, 33km USCGS eP 21 18 23, D 35.9 eP 21 18 23 (2.0s 50mu), m 5.0, D 36.4
AUG30 PRU KHC PRA	22 02 22 Arabian Sea 14.51 N 56.33 E, 57km, m 5.2 ISC eP 22 11 03 (2.1s 45mu), e 13 01, eiS 18 10, eL 28, Lm 35 (LN: 16s 1.3u), m 5.1, (M 5.0), D 49.0 eiP 22 11 04 (2.0s 42mu), m 5.1, D 49.1 eP 22 11 10 (PV: 8s 1.0u), eS 18 12 (SH: 9s 1.5u), Lm 35, MPV 5.9, MSH 5.9, D 49.1
AUG31 PRU KHC	08 48 49.1 Loyalty Isl. 22.92 S 172.83 E, 65km, m 4.7 ISC eiPKHKP 09 08 28, D 148.1 ei PKHKP 09 08 31 (1.4s 32mu), D 149.1
AUG 31 PRU KHC PRA	10 47 41.3 Persia 34.15 N 59.01 E, 25km, m 5.9 ISC ePC. 10 54 42 (multiple P), i 54 57.5, ei 56 13, eiS 11 00 28 (SN: 8s 9.5u), Lm 13 (LN: 15s 133u), (M 6.8), (MSH 6.7), D 36.0 eiP 10 54 45.2 (3s 33mu). i 54 51.5, i 55 01.6, m 5.6, D 36.5 eiPC. 10 54 48.5 (PV: 7s 4.0u), ePP 56 11, eS 11 00 34, Lm 17.5 (LH: 11.5s 92u, LV: 12s 71u), M 6.8, MPV 6.5, D 36.1

AUG31	11 34 33 Persia 34.00 N 59.19 E, 26km, m 5.4 ISC
PRU	eiP 11 41 36, D 36.2
AUG31	13 48 11 Straits of Gibraltar 36.28 N 6.53 W, 56km, m 4.1 ISC
KHC	eiP 13 52 36.8 (1.0s 14mu), m 4.2, D 19.5
PRU	eP 13 52 46, D 20.5
AUG31	14 06 16.6 Persia 34.08 N 59.44 E, 17km, m 4.9 ISC
PRU	eP 14 13 20, D 36.3
KHC	eiP 14 13 25.7, D 36.9
AUG31	14 11 20 Tonga 20.2 S 173.0 W, 8km, m 4.2 ISC
KHC	eiPKP 14 31 17, D 110.7
AUG31	16 45 26 Japan 39.83 N 143.66 E, 3km, m 4.7 ISC
PRU	eiP 16 57 38.5 (1.0s 27mu), eiPcP 57 47.5, m 5.1, D 80.0
PRA	eP 16 57 42, D 80.0
KHC	eiP 16 57 44.5 (1.0s 19mu), eiPcP 57 53.6, m 5.1, D 81.1
AUG31	18 06 35.8 E. of Lake Baikal 56.42 N 115.9 E, 25km, m 4.7 ISC
PRU	eiP 18 16 11.5 (1.3s 19mu), m 5.0, D 55.7
KHC	eiP 18 16 19 (1.3s 35mu), m 5.2, D 56.7
AUG31	19 54 35.7 W. of Tonga 18.39 S 177.68 W, 386km, m 4.9 ISC
PRU	ePKIKP 20 13 33, iPKP2 13 37.5, eipPKP2 15 11.5, D 147.0
KHC	eiPKIKP 20 13 37, eiPKP2 13 40, eipPKP2 15 11, D 148.1
PRA	ePKP2 20 13 39, epPKP2 15 13, D 147.0
AUG31	21 47 38.6 Colombia 4.56 N 76.37 W, 97km, m 4.5 ISC
KHC	eiP 22 00 13 (1.1s 14mu), m 4.9, D 86.6
PRU	eiP 22 00 15.5 (1.0s 10mu), m 4.8, D 87.1

SEP01	00 24 01.6 Kermadec Isl. 30.77 S 178.10 W, 22km, m 5.1 ISC
KHC	eiPKIKP 00 44 03, eiPKP2 44 42, D 159.6
SEP01	01 20 25 Adriatic Sea 42.93 N 17.29 E, 24km, m 4.2 ISC
KHC	eiPn 01 22 03.6 (1.0s 27mu), ei 22 08, iPg 22 39.2, eiSn 23 16.2, D 6.7
PRU	ePn 01 22 12, ei 22 22, eiPg 22 51.5, eiSn 23 28, ei 23 40, Lm 23 44 (LV: 1s 76mu), D 7.3
PRA	e 01 23 14, D 7.4
SEP01	04 48 52.5 Mid-Atlantic Ridge 1.04 S 24.52 W, 33km, m 5.1 ISC
KHC	eiP 04 58 56 (1.0s 27mu), m 5.2, D 59.8
PRU	eP 04 59 02, D 60.8
SEP01	05 39 45 Persia-USSR 39.14N 46.20 E, 24km, m 5.0 ISC
PRU	eiP 05 45 05 (1.4s 52mu), ei 45 38.5, e 49 41, eL 53, Lm 54.5 (LN: 17s 1.2u), m 5.1, (M 4.5), D 24.9
KHC	eiP 05 45 10 (1.5s 202mu), ei 46 20, m 5.6, D 25.3
PRA	eP 05 45 11, D 24.9
SEP01	05 59 28.2 Tibet 30.25 N 94.85 E, 31km, m 4.8 ISC
PRU	eP 06 09 44, D 65.1
SEP01	07 27 30.6 Persia 34.09 N 58.24 E, 14km, m 5.9 ISC
PRU	eiP 07 34 28 (1s 23mu), eiPP 35 56, eS 40 04 (SN: 1.0s 2.5u), e 41 24, Q 48, R 52, Rm 54 (LN: 14s 26u), m 5.0, (M 6.4), (MSH 6.0), D 35.6
PRA	eP 07 34 31 (PE: 5.5s 2.8u, PV: 6s 5.6u), eS 40 18 (SH: 9s 3.8u), Lm 55.4 (LH: 12s 30u), M 6.3, (MPH 6.6), MPV 6.6, MSH 6.1, D 35.7
KHC	eiP 07 34 32.3 (1.0s 242mu), i 34 35.0, m 6.0, D 35.1
SEP01	08 19 55.9 Mid-Atlantic Ridge 1.1 S 24.62 W, 21km, m 4.9 ISC
KHC	eiP 08 30 05.7, D 59.9
SEP01	KHC ei 08 34 21.2
SEP01	09 23 49.7 Kurile Isl. 44.96 N 149.01 E, 71km, m 4.7 ISC
PRU	eiP 09 35 39 (0.6s 15mu), m 5.1, D 77.5
KHC	eiP 09 35 45 (0.8s 19mu), m 5.1, D 78.5
SEP01	11 03 58 Persia 34.20 N 59.91 E, 2km, m 4.9 ISC

KHC	eiP 11 11 10, D 37.1
SEPO1	PRU iPg 11 55 25.5, eiSg 55 39.5, (D 1.1)
SEPO1	19 06 55.4 Mona Passage 18.12 N 68.19 W, 107km, m 4.5 ISC
KHC	eP 19 18 05, D 71.2
SEPO1	19 16 37 Persia 34.16 N 58.24 E, 20km, m 4.8 ISC
PRU KHC	eP 19 23 33, D 35.5 eiP 19 23 36 (1.0s 11mu), ei 23 57.5, m 4.6, D 36.0
SE01	21 16 41.8 Persia 34.17 N 58.18 E, 37km, ISC
KHC	eP 21 23 43, D 36.0
SEPO2	PRU iPg 12 43 08, iSg 43 25, (D 1.3)
SEPO2	PRU eiPg 17 13 28, eiSg 13 54.5, (D 2.0)
SEPO2	23 03 44 Dodecanese Isl. 35.4 N 27.6 E, 85km ISC
KHC PRU	eiP 23 07 39, ei 07 42.5, D 17.2 eP 23 07 45.5, D 17.4
SEPO3	01 12 28.2 S. Indian Ocean 37.84 S 38.0 E, 33km, m 5.0 ISC
KHC PRU	eiP 01 25 26, D 89.3 eP 01 25 31, D 89.9
SEPO3	05 23 30.4 Japan 42.87 N 145.47 E, 47km, m 5.3 ISC
PRU PRA KHC	iPC. 05 35 25.0 (1.0s 61mu), ei 35 37.5, m 5.7, D 78.1 eP 05 35 29, D 78.0 iPC. 05 35 31.9 (1.0s 75mu), ei 35 44, m 5.7, D 79.1
SEPO3	07 01 35.3 Japan 37.93 N 141.88 E, 65km, m 5.2 ISC
KHC	eiP 07 13 49.7 (1.0s 29mu), ei 14 08.8, m 5.2, D 82.0
SEPO3	08 19 52.6 Turkey 41.81 N 32.39 E, 5km, m 5.7 ISC
PRU KHC PRA	eiPD. 08 23 24, eiS 26 12, eL 27.9, Lm 30.3 (LN: 18s 112u), (M 6.1), D 14.9 eiP 08 23 25.8, D 15.1 eP 08 23 28, ei 23 44.0, Lm 30.5 (LH: 16s 160u, LV: 16s 115u), M 6.2, D 15.0

SEPO3	09 13 12.1 Turkey 41.78 N 32.25 E, 33km, m 4.5 ISC
KHC	eiP 09 16 42, ei 17 23.2, ei 18 17, D 15.0
SEPO3	09 53 50 Persia 34.02 N 52.26 E, 30km, m 4.9 ISC
PRU KHC	eP 10 00 51, ei 02 22, D 36.3 eiP 10 00 55.7, ei 02 21.2, ei 03 21, D 36.8
SEPO3	KHC eiPg 10 57 58, eiSg 58 02.8, (D 0.38) PRU eiPg 10 58 08.7, eiSg 58 21.7, (D 1.0)
SEPO3	10 56 15.5 Turkey 41.76 N 32.50 E, 11km, m 4.6 ISC
PRU KHC	eP 10 59 46, ei 56 49.5, Lm 11 06.7 (LN: 19s 0.9u), (M 4.0), D 15.0 eiP 10 59 50.2 (1.1s 21mu), i 59 53.6, ei 11 00 45.5, m 4.2, D 15.2
SEPO3	12 22 01.6 Turkey 41.78 N 32.45 E, 33km, m 4.3 ISC
KHC	eiP 12 25 33.2, D 15.1
SEPO3	14 09 10.5 Turkey 41.81 N 32.33 E, 14km, m 4.6 ISC
PRU KHC	eP 14 12 39, ei 12 50.5, D 14.8 eiP 14 12 43.5 (1.3s 29mu), ei 14 09.2, m 4.2, D 15.0
SEPO3	15 37 00.3 N. Atlantic Ocean 20.58 N 62.30 W, 34km, m 5.6 ISC
KHC PRU PRA	eiP 15 47 42.2 (1.5s 55mu), ei 48 16.2, m 5.6, D 65.6 eiP 15 47 46 (1.5s 83mu), ei 47 57, eS 56 33, eL 16 04, Lm 06.5 (LN: 18s 0.7u), m 5.7, (M 4.9), D 66.1 eP 15 47 48, eS 56 37 (SH: 7s 1.0u), MSH 6.0, D 66.1
SEPO3	17 45 49 Tibet 30.25 N 95.07 E, 18km, m 4.8 ISC
PRU KHC	eP 17 56 08.5 (1.5s 12mu), m 4.9, D 61.7 eP 17 56 13.5 (1.5s 9mu), m 4.8, D 62.5
SEPO3	18 48 12.1 Hindu Kush 36.30 N 69.18 E, 38km, m 5.2 ISC
PRA PRU KHC	eP 18 55 56, Lm 19 12, D 41.3 eiP 18 55 56.5 (1.2s 17mu), e 57 27, Lm 19 15.7 (LN: 16s 0.7u), m 4.7, (M 4.7), D 41.2 eP 18 56 00, ei 56 32.8, ei 57 23, D 41.9
SEPO3	18 58 08.4 Mid-Atlantic Ridge 0.8 N 27.97 W, 33km, m 4.8 ISC
KHC PRU	eiP 19 08 12.3 (1.1s 18mu), m 5.0, D 59.9 eP 19 08 19, D 60.9

PRA	eP 19 08 20, D 60.9
SEPO3 KHC	19 38 45 Philippines 15.50 N 122.16 E, 21km, m 5.0 ISC eiP 19 51 45, D 90.1
SEPO3 KHC	21 08 18.5 Turkey 41.77 N 32.08 E, 55km, ISC eiP 21 11 48, ei 12 03, D 14.9
SEPO3 PRU KHC	22 22 06.6 Japan 29.18 N 139.37 E, 412km, m 4.8 ISC eiP 22 34 08.5 (0.6s 7mu), m 4.7, D 87.3 eiP 22 34 13.5 (0.8s 10mu), eiPP 37 42, m 4.7, D 88.3
SEPO3 KHC PRU	23 30 13.2 New Hebrides 17.69 S 167.74 E, 11km, m 4.7 ISC ePKP 23 49 42.5, ei 50 44.7, D 142.3 ePKP 23 49 48, D 141.3
SEPO4 KHC	05 54 07 Persia 34.6 N 58.3 E, 33km ISC eiP 06 01 01.5, D 35.8
SEPO4 KHC	06 30 03 Crete 35.1 N 24.0 E, m 3.8 ATH eiP 06 33 53, D 16.0
SEPO4 PRU KHC	08 08 45.2 Persia 34.20 N 59.47 E, 24km, m 5.0 ISC eP 08 15 48, ePP 16 51, D 36.3 eiP 08 15 52.5 (1.0s 11mu), m 4.5, D 36.8
SEPO4	PRU e 08 47 11, eiSg 47 25 KHC eiPg 08 47 14, iSg 47 31, (D 1.2)
SEPO4 PRU KHC	08 54 25 Loyalty Isl. 22.90 S 172.88 E, 28km, m 4.6 ISC ePKP 09 14 06, D 148.1 eiPKP 09 14 08.5, D 149.1
SEPO4 PRU KHC	10 34 31.7 E. of Kamchatka 53.17 N 159.58 E, 59km, m 4.9 ISC eiPC. 10 45 57 (1.0s 30mu), m 5.1, D 73.1 eiPC. 10 46 03.5 (1.1s 50mu), m 5.4, D 74.1
SEPO4 PRU	11 19 35.7 Persia 34.00 N 59.31 E, 25km, m 5.0 ISC eP 11 26 39, D 36.3

KHC	eiPC. 11 26 42.7 (1.0s 11mu), ei 27 03, ei 29 07.2, m 4.5, D 36.8
SEPO4	KHC eiP 14 55 36 PRU eP 14 55 47
SEPO4 PRU PRA KHC	23 24 45 Persia 34.06 N 58.32 E, 1km, m 5.4 ISC eiP 23 31 46, ei 32 38, eiPcP 34 17, e 34 24, eL 48, Lm 51 (LN: 10s 0.8u), (M 4.8), D 35.6 eP 23 31 48, Lm 53.8 (LH: 10.5s 1.1u, LV: 10s 0.8u), M 4.9, D 35.7 eiPC. 23 31 49.7 (1.4s 40.5mu), ei 32 22.5, ei 33 28.5, m 5.1, D 36.1
SEPO5 PRU KHC	02 43 04.0 S. Chile 44.97 S 80.3 W, 33km, m 5.0 ISC ePKIKP 03 02 05, eiPP 03 55, D 125.2 eiPKIKP 03 02 07.5, eiPP 03 43, D 124.3
SEPO5 PRU KHC	04 05 57.5 E. Kazakhstan 49.75 N 78.15 E, Okm, m 5.4 ISC iPC. 04 13 34.6 (1.0s 30mu), eiPP 15 06, m 4.9, D 39.9 eiPC. 04 13 42.6 (1.0s 35mu), eiPP 15 16.2, m 5.0, D 40.8
SEPO5	PRU ei 08 14 18, ei 14 25, eiSg 14 29 KHC eiPg 08 14 34.3, eiSg 14 55.4, (D 1.6)
SEPO5 KHC PRU	08 21 08.8 Azores 37.48 N 31.77 W, 33km, m 4.6 ISC eiP 08 27 55, D 34.5 eP 08 28 01, D 35.2
SEPO5 KHC	08 41 40 Crete 34.3 N 24.3 E, Okm ISC eP 08 45 43, D 16.8
SEPO5 KHC	08 57 55 E. Kazakhstan 46.5 N 81.3 E, 111km, m 4.6 ISC eP 09 05 56, D 44.2
SEPO5 PRU	09 10 34.6 Azores 37.5 N 31.90 W, 33km, m 4.3 ISC eiP 09 17 26, D 35.2
SEPO5	KHC eiPg 10 50 22.5, eiSg 50 39.2, (D 1.3)
SEPO5 PRU	10 39 13.9 Tonga 15.24 S 174.32 W, 193km, m 4.2 ISC eiPKP 10 58 28, D 144.6

KHC	eiPKP 10 58 31, ei 59 19, D 145.6
SEP05	KHC ePg 11 37 25, eiSg 37 33, (D 0.61) PRU ePg 11 37 37, eiSg 37 50.5, (D 1.0)
SEP05	PRU e 14 53 56 KHC e 14 53 58
SEP05	18 42 32 Dodecanese Isl. 36.3 N 26.7 E, 1km ISC KHC eiP 18 46 22.4 (1.1s 16mu), m 4.1, D 16.0 PRU eP 18 46 27.6, D 16.3 PRA eP 18 46 28, Lm 55 (LH: 10s 0.6u, LV: 10s 0.7u), M 4.1, D 16.4
SEP06	PRU e 00 56 30 KHC e 00 56 32
SEP06	02 27 36 Persia 34.06 N 59.52 E, 16km, m 4.7 ISC KHC eiP 02 34 45 (1.5s 9mu), ei 35 03, eiPP 36 15.2, m 4.3, D 36.9 PRU eP 02 34 47, e 35 17, Lm 54.3 (LH: 15s 1u), M 4.7, D 36.4 PRA Lm 02 54.5 (LN: 10s 0.7u), (M 4.7), D 36.4
SEP06	03 21 56.8 New Hebrides 17.73 S 167.95 E, 24km, m 4.7 ISC KHC eiPKP 03 41 25.2, D 142.4
SEP06	PRU e 04 45 30 KHC ei 04 45 33.5
SEP06	07 36 06 New Hebrides 17.77 S 167.92 E, 19km, m 5.2 ISC KHC eiPKP 07 55 35.6, D 142.5 PRU ePKP 07 55 38.5, e 58 30, D 141.4
SEP06	PRU eiPg 08 15 20, eiSg 15 38.5, (D 1.4)
SEP06	KHC e 09 43 28, eiSg 43 37.5 PRU eiPg 09 43 42, eiSg 43 57, (D 1.1)
SEP06	14 00 00.1 Nuclear Explosion NOGGIN 37.13 N 116.04 W USAEC, m 5.5 ISC PRA eP 14 12 26, D 82.8 PRU eiPC. 14 12 26.5 (1.5s 72mu), e 12 45, m 5.7, D 82.9 KHC eiPC. 14 12 28.7 (1.3s 50mu), ei 13 21.5, m 5.6, D 83.2
SEP06	Near shock

KHC PRU	ePn 17 41 05, ei 41 30.4, ei 42 16 e 17 42 32, ei 43 35.5
SEP06	19 22 45.4 Japan 30.96 N 131.84 E, 20km, m 5.6 ISC PRU eiPD. 19 35 06.5 (1.0s 60mu), ei 35 43.6, eiS 45 18, eL 20 03, Lm 16.2 (LH: 18s 9.2u), m 5.7, M 6.3, D 82.1 PRA eiPD. 19 35 06.5, eS 45 18 (SH: 5.5s 1.1u), Lm 20 16.3 (LH: 17s 8.4u, LV: 17s 8.8u), M 6.2, MSH 6.2, D 82.1 KHC iPD. 19 35 12.1 (1.0s 102mu), ei 35 21.2, m 6.0, D 83.2
SEP06	20 31 10 W. Mediterranean Sea 43 N 7.5 E, 0km ISC KHC eiPn 20 32 52, ei 33 26.4, ei 34 07, ei 34 34, D 7.6 PRU ePn 20 33 08, ei 34 28, e 35 20, D 8.7
SEP07	PRU eiPg 08 32 14.5, eiSg 32 29.5, (D 1.1)
SEP07	08 27 04 Kodiak Isl. 56.43 N 153.4 W, 10km, m 4.3 ISC KHC eiP 08 38 46, D 74.3
SEP07	PRU ePg 09 53 23, eSg 53 40, (D 1.3)
SEP07	PRU eiPg 11 08 57, eiSg 09 14.2, (D 1.3)
SEP07	PRU eiPg 11 57 53, eiSg 58 06.5, (D 1.0) KHC eiPg 11 58 03, eiSg 58 30, (D 1.6)
SEP07	PRU ePg 12 08 40, eiSg 08 53, (D 1.0) KHC eiPg 12 08 55.5, eiSg 09 16.2, (D 1.6)
SEP07	16 49 59 N. Italy 44.3 N 8.0 E, 0km ISC KHC eiPn 16 51 29.5, eiPg 51 56, eiSn 52 37, D 6.2 PRU eiPn 16 51 43, eiSn 53 06.2, eiLg 54 01, D 7.2
SEP07	17 06 33 Mid-Atlantic Ridge 1.03 S 24.40 W, 58km, m 4.7 ISC KHC eiP 17 16 33.4, D 59.7
SEP07	23 15 51 New Hebrides 17.84 S 167.95 E, 108km, m 4.5 ISC KHC eiPKP 23 35 08, D 142.5
SEP08	00 16 35 New Hebrides 17.59 S 167.73 E, 9km, m 5.0 ISC PRU ePKP 00 36 04, Lm 43 (LN: 20s 0.8u), (M 5.5), D 141.2

KHC	eipKP 00 36 07.5, D 142.2
SEPO8	02 02 22.5 Japan 45.55 N 142.63 E, 309km, m 4.9 ISC
PRA	eP 02 13 30, D 74.7
PRU	eipD. 02 13 30.4 (0.9s 55mu), m 5.3, D 74.8
KHC	iPD. 02 13 37.0 (1.0s 75mu), m 5.4, D 75.9
SEPO8	08 44 55.1 Japan 40.15 N 143.46 E, 59km, m 4.2 ISC
PRU	eP 08 56 58, eipP 57 08.5, D 79.7
KHC	eip 08 57 03.3 (1.1s 8mu), eipP 57 14, m 4.6, D 80.7
SEPO8	13 30 06 New Hebrides 17.50 S 167.71 E, 21km, m 4.8 ISC
KHC	eipKP 13 49 34, D 142.1
PRU	ePKP 13 49 36, D 141.1
SEPO8	15 12 24.4 N. of New Guinea 3.74 S 143.01 E, 32km, m 6.0 ISC
PRU	eP 15 27 24, eipKIKP 21 07.5, ei(PP) 32 08, e 33 42, ei 37 36, eiPS 41 56, L 16 08, Lm 22 (LH: 20s 6.4u), M 6.2, D 116.8
KHC	eP 15 27 29, eipKIKP 31 10, eiPP 32 15.3, ei 34 07, D 117.7
PRA	ePKP 15 31 06, ePP 32 17, ePS 41 56, e 42 18, Lm 16 26.3 (LH: 15.5s 4.2u, LV: 16s 4.7u), M 6.2, D 116.8
SEPO8	PRU eP 16 07 49 KHC eip 16 07 52.6
SEPO8	18 59 59.4 Atmospheric Nuclear Explosion: Tuamotu Archipelago 21.83 S 139.05 W, 0km, m 4.7 ISC
PRU	eipKPC 19 19 39 (1.1s 32mu), D 145.0
KHC	eipKPC. 19 19 40 (1.1s 21mu), D 145.2
SEPO8	20 09 53.7 Kurile Isl. 45.92 N 151.55 E, 55km, m 5.1 ISC
PRA	eP 20 21 45, D 77.4
PRU	eipC. 20 21 45 (1.0s 30mu), m 5.2, D 77.5
KHC	iPC. 20 21 51.6 (1.0s 67mu), m 5.5, D 78.5
SEPO8	21 48 13.3 W. of Tonga 19.4 S 176.18 W, 146km, m 4.3 ISC
PRU	ePKHKP 22 07 46, D 148.3
KHC	eipKHKP 22 07 49.5, D 149.3
SEPO8	PRU eP 23 01 51.5 KHC eip 23 01 53.2
SEPO9	00 35 18.8 Peru-Brazil 8.66 S 74.55 W, 146km, m 5.3 ISC

KHC	eip 00 48 28.5 (2.0s 41mu), ei 48 58, m 5.5, D 95.3
PRU	eP 00 48 32.5, eipP 49 08, D 96.0
SEPO9	00 37 44.0 Peru-Brazil 8.62 S 74.55 W, 122km, m 5.9 ISC
KHC	eip 00 50 55.2 (2.0s 125mu), ei 51 31.7, eiPP 54 43.2, m 6.0, D 95.2
PRU	eip 00 50 57.8 (2.0s 62mu), m 5.7, D 96.0
PRA	eP 00 50 58, epP 51 33, ePP 54 49, eSKS 01 01 24, e 02 26, D 95.9
SEPO9	02 20 59.2 E. Siberia 66.17 N 142.13 E, 39km, m 5.0 ISC
PRA	eP 02 30 45, D 57.4
PRU	eip 02 30 45.2 (1.0s 15mu), e 32 55, m 5.0, D 57.5
KHC	eipC. 02 30 53.5 (1.0s 19mu), m 5.1, D 58.5
SEPO9	02 34 34 New Hebrides 17.54 S 167.86 E, 30km, m 4.3 ISC
KHC	eipKP 02 54 00.8, D 142.2
SEPO9	04 54 46.9 Gulf of Alaska 58.93 N 194.20 W, 22km, m 5.1 ISC
PRU	eP 05 06 01.5, ei 06 07.6, D 70.6
KHC	eip 05 06 06.7 (1.0s 14mu), ei 06 12.8, ei 07 26, m 5.0, D 71.4
PRA	eP 05 06 07, D 70.6
SEPO9	11 49 20.1 Turkey 41.66 N 32.22 E, 33km, m 4.5 ISC
KHC	eP 11 52 52, D 15.1
SEPO9	18 26 20 Aleutian Isl. 52.18 N 174.21 E, 44km, m 4.7 ISC
PRU	eP 18 38 09, D 76.8
KHC	eip 18 38 15 (1.1s 9mu), m 4.8, D 77.7
SEP10	01 48 42.1 Turkey 41.69 N 32.39 E, 33km, m 4.1 ISC
PRU	eP 01 52 13.5, D 14.9
KHC	eP 01 52 14, ei 52 17.3, D 15.1
SEP10	02 23 37.9 New Britain 5.23 S 152.40 E, 43km, m 5.1 ISC
KHC	eipKIKP 02 42 32, D 124.1
SEP10	06 01 06 Kurile Isl. 42.5 N 149.6 E, 40km, m 4.3 ISC
KHC	eip 06 13 05.5, eisP 13 19.2, D 80.9
PRU	epP 06 13 08, eisP 13 13.5, D 79.9

SEP10	PRU ePg 07 40 52.5, ei 40 54.5, eiSg 40 57, (D 0.36) KHC ePg 07 41 08, eiSg 41 23, (D 1.1)
SEP10	PRU eiPg 11 08 29, iSg 08 49.5, (D 1.5) KHC e 11 08 40.5, eiSg 09 21.6
SEP10	17 18 08.7 Hindu Kush 36.38 N 70.76 E, 219km, m 4.7 ISC PRU eP 17 25 41.5, eipP 26 29, D 42.2 KHC eipP 17 26 34.5, ei 27 02.5, D 42.9
SEP10	20 31 58 Persia 34.08 N 59.49 E, 10km, m 4.7 ISC KHC eiP 20 39 07 (1.0s 10mu), m 4.5, D 36.9 PRU eP 20 39 08, D 36.4
SEP10	22 51 26 Fiji 15.04 S 177.48 W, 137km, m 4.6 ISC PRU ePKP 23 10 46, D 143.8 KHC eiPKPD. 23 10 49.2, D 144.8
SEP11	03 07 28 Tibet 30.33 N 95.04 E, 15km, m 4.7 ISC PRU eP 03 17 47.5, D 61.6 KHC eP 03 17 54 (1.4s 12mu), m 4.9, D 62.4
SEP11	04 34 49 Aleutian Isl. 50.29 N 175.96 W, 19km, m 4.7 ISC KHC eiP 04 47 02.5, D 80.6
SEP11	11 25 32 Aleutian Isl. 52.00 N 172.7 E, 38km, m 4.4 ISC KHC eP 11 37 25.5, D 77.7
SEP11	PRU ePg 12 45 45, eiSg 45 58.5, (D 1.0) KHC eSg 12 45 49.3
SEP11	Explosion of 11.2 Tons: Czechoslovakia 50.09 N 16.30 E PRU PRU eiPg 16 02 35.2, eiSg 02 51.5, D 1.1 KHC ePg 16 02 51, eiSg 03.16, D 2.0
SEP11	PRU ePg 17 10 20, eiSg 10 31.5, (D 0.91) KHC eiPg 17 10 27, eiSg 10 44, (D 1.3)
SEP11	18 26 36.6 S. Chile 42.95 S 75.21 W, 28km, m 5.7 ISC KHC eiPKIKP 18 45 26.6 (1.2s 13mu), eiPP 46 53, D 120.1 PRU eiPKIKP 18 45 28.5, ei 47 01, D 121.1

SEP11	19 17 13.7 Persia 34.03 N 59.54 E, 33km, m 5.2 ISC PRU eP 19 24 15, eiPP 25 44, e 28 22, ei 33 20, e 35 02, eQ 38 00, Lm 43.9 (LH: 14s 13u), M 5.9, D 36.4 PRA eP 19 24 18 (PV: 3.5s 0.6u, PN: 4s 0.4u), ePP 25 42 (PPN: 4s 0.7u), esS 30 16, e 33 24, Lm 44 (LH: 14.5s 11.6u), M 5.8, (MPH 6.0), MPV 5.9, (MPPH 6.1), D 36.5 KHC eiP 19 24 21 (1.5s 45mu), eiPP 25 50.7, m 5.0, D 36.9
SEP11	21 47 21.6 Taiwan 24.05 N 122.54 E, 46km, m 5.1 ISC PRU eiP 21 59 42 (1.0s 8mu), m 4.9, D 82.7 KHC eiP 21 59 47 (1.3s 18mu), m 5.1, D 83.7
SEP12	13 36 26.9 Japan 39.75 N 143.73 E, 7km, m 5.2 ISC PRA eP 13 48 39, ePcP 48 48, Lm 14 30 (LH: 13s 1.3u, LV: 14s 0.7u), M 5.4, D 80.1 PRU eiPC. 13 48 39.6 (1.0s 30mu), eiPcP 48 48.5, ei 49 33.5, eiPP 51 34, eL 14 20.5, Lm 22.7 (LH: 16s 1.4u), m 5.2, M 5.4, D 80.1 KHC eiP 13 48 45.3 (1.0s 30mu), eiPcP 48 54, m 5.3, D 81.2
SEP12	15 36 51 China 39.81 N 77.73 E, 15km, m 4.9 ISC PRU eiP 15 45 04 (1.0s 15mu), eiPP 46 49, Lm 16 02 (LN: 15s 0.6u), m 4.9, (M 4.7), D 44.7 KHC eiP 15 45 10.6 (1.5s 27mu), eiPP 47 02, m 4.9, D 45.5
SEP12	19 30 49.0 Gulf of Alaska 59.55 N 146.87 W, 41km, m 4.1 ISC PRU eP 19 41 57, D 69.8 KHC eiP 19 42 02, D 70.5
SEP12	22 44 07.1 W. of Tonga 21.57 S 179.35 W, 640km, m 5.8 ISC PRU eiPKIKPD. 23 02 42 (1.5s 95mu), eiPKHKP 02 47.8, iPKP2 02 55.2, ei 04 28, eipPKP2 05 14, ei 06 24, D 149.6 PRA ePKIKP 23 02 42, eiPKHKP 02 47.0, ePKP2 02 56, epPKP2 05 10, D 149.7 KHC iPKIKPD. 23 02 43.7, iPKHKP 02 50.8, eipPKP2 05 13.9, D 150.6
SEP13	01 00 16.8 Japan 41.31 N 142.57 E, 60km, m 4.7 ISC PRU eiP 01 12 12.5 (0.7s 9mu), m 4.8, D 78.3 KHC eiP 01 12 18.6 (0.8s 12mu), m 4.9, D 79.4
SEP13	PRU eP 05 18 27.5 KHC eP 05 18 33
SEP13	05 01 49 Kermadec Isl. 30.90 S 179.1 W, 12km, m 5.0 ISC KHC ePKIKP 05 21 48, eipPKP2 22 24.5, D 159.4

PRU	ePKP2 05 22 20, D 158.4
SEP13	06 47 24.4 S. of Fiji 26.7 S 176.4 W, 33km, m 4.5 ISC
KHC PRU	ePKIKP 07 07 13, eiPKP2 07 45.3, D 156.3 ePKP2 07 07 40, D 155.3
SEP13	07 30 44.6 Mexico 15.06 N 93.94 W, 46km, m 5.2 ISC
KHC PRU	eiP 07 43 40 (1.0s 14mu), m 5.1, D 89.8 eP 07 43 40.5, D 90.0
SEP13	PRU iPg 08 58 19, iSg 58 36.5, (D 1.3)
SEP13	PRU ePg 12 19 02, eiSg 19 40.5, (D 2.9) KHC e 12 19 40, eiSg 20 06.5
SEP13	PRU eiPn 12 56 17.5, ei 56 20, eiSg 56 43, (D 1.7)
SEP13	12 49 54.2 Santa Cruz Isl. 11.22 S 164.72 E, 59km, m 5.4 ISC
PRU KHC	ePKIKP 13 09 07.5, e 11 35, D 134.2 eiPKIKP 13 09 09.6, ei 11 24, D 135.3
SEP13	21 54 34 N. Atlantic Ocean 58.04 N 32.39 W, 101km, m 4.5 ISC
KHC PRA	eP 22 00 18 (1.8s 20mu), m 4.4, D 28.2 Lm 22 12.5 (LE: 14s 1.0u, LV: 14s 1.0u), (M 4.9), D 28.3
SEP14	01 25 18.9 S. Indian Ocean 24.45 S 80.41 E, 33km, m 5.4 ISC
PRU KHC PRA	eP 01 38 36, ePP 42 19, ei 52 00, Lm 54.2 (LN: 18s 2.5u), (M 5.7), D 94.2 eiP 01 38 36 (0.9s 13mu), m 5.3, D 94.3 eP 01 38 38, Lm 57 (LH: 13.5s 2.2u, LV: 14s 2.2u), (M 5.8), D 94.3
SEP14	01 38 42.6 N. Atlantic Ocean 58.08 N 32.64 W, 33km, m 5.1 ISC
PRU KHC PRA	eP 01 44 33, D 28.3 eiP 01 44 34.5, eiPP 45 23, ei 46 09, D 28.3 e(P) 01 44 43, D 28.3
SEP14	PRU ePg 08 02 01, eiSg 02 21, (D 1.5)
SEP14	Near shock?
PRU KHC	e 12 59 45, ei 13 00 03, ei 00 15.5 e 12 59 51, ei 13 00 14, ei 00 31

SEP14	13 48 26 S. Persia 28.30 N 53.17 E, 3km, m 5.8 ISC
PRU	eiPC. 13 55 32 (2.2s 600mu, PH: 4s 1.1u), iP 55 36.5, ePP 57 06, eiS 14 01 12 (SN: 14s 2.2u), e(SS) 03 30, eQ 07.5, eR 09.7, Lm 13 (LH: 16s 21u), m 6.0, M 6.0, MPH 6.2, (MSH 5.8), D 36.4
KHC PRA	iPC. 13 55 35.1 (1.3s 428mu), i 56 32.2, eiPP 57 08, m 6.0, D 36.7 eiPD.E. 13 55 36.0 (PH: 4s 1.4u, PV: 3s 2.9u), ePP 57 00, eS 14 01 16, Lm 13 (LH: 15s 18u, LV: 14s 7.1u), M 5.9, MPH 6.6, MPV 6.6, D 36.5
SEP14	19 20 24.2 S.Persia 28.38 N 53.19 E, 56km, m 5.0 ISC
PRU KHC	eiPC. 19 27 24 (1.0s 15mu), m 4.9, D 36.4 eiP 19 27 26.5 (1.0s 33mu), m 5.2, D 36.6
SEP15	03 09 29.8 E. New Guinea 6.37 S 146.58 E, 110km, m 5.2 ISC
KHC	ePKIKP 03 28 12, D 121.9
SEP15	04 55 58.4 Crete 34.70 N 25.05 E, 17km, m 4.8 ISC
KHC PRU PRA	eiP 04 59 51 (1.4s 16mu), iPP 59 59.8, ei 05 03 12, m 4.0, D 16.7 eP 04 59 56 (1.5s 24mu), eiPP 05 00 10, ei 00 37, e(S) 03 16, eQ 04.5, Qm 05.7, Rm 07.2 (LH: 15s 9.3u), m 4.1, M 5.1, D 17.1 e 05 00 04, e(S) 03 18, Lm 07.2 (LH: 12s 8.1u, LV: 9s 4.5u), M 5.2, D 17.2
SEP15	06 15 00.6 S. Persia 28.39 N 53.25 E, 50km, m 4.6 ISC
KHC	eP 06 22 05, D 36.7
SEP15	09 42 14 Persia 34.03 N 59.59 E, 14km, m 4.8 ISC
KHC PRU	eP 09 49 22, D 37.0 eP 09 49 23, D 36.5
SEP15	10 50 13.4 Japan 40.87 N 143.30 E, 26km, m 5.4 ISC
PRA PRU KHC	eP 11 02 16, eS 12 13, Lm 43.5 (LH: 14s 3.9u, LV: 15s 4.1u), M 5.9, D 78.9 eiPC. 11 02 16.5 (2.0s 134mu), ei 03 17, eiPP 05 24, eS 12 12, eL 32, Lm 35 (LH: 18s 4.6u), m 5.6, M 5.9, D 79.0 iP 11 02 22.2 (1.4s 87.5mu), ei 05 40, m 5.5, D 80.0
SEP15	14 52 26 Japan 32.98 N 142.15 E, 28km, m 4.9 ISC
PRU	eP 15 05 02 (1.0s 15mu), m 5.2, D 85.3
SEP16	05 04 52.1 Poland 50.27 N 18.98 E, m 2.6 WAR

PRU KHC	ePg 05 05 44, eiSg 06 22.5, D 2.9 eSn 05 06 33, eiSg 06 47.5, D 3.7
SEP16	07 10 07 Persia-USSR 39.3 N 46.3 E, 44km ISC
PRU KHC	eP 07 15 27, D 24.9 eP 07 15 29, D 25.3
SEP16	PRU ePg 09 22 30, eiSg 22 33, (D 0.25) KHC ePg 09 22 44, eiSg 22 57.5, (D 1.0)
SEP16	13 55 35.7 New Britain 6.08 S 148.77 E, 49km, m 5.9 ISC
PRU PRA KHC	eipKIKP 14 14 25, ei 14 48, eiPP 16 02, ePPP 18 44, e 23 22, eiPKKP 24 26, ei 25 25, e 28 07, Lm 15 05 (LH: 22s 28u), M 6.9, D 121.9 ePKIKP 14 14 25, ePP 16 04, ePPP 18 43, eSKS 21 26, Lm 15 08 (LH: 22s 28u, LV: 20s 29.8u), M 6.9, D 121.9 eipKIKPC. 14 14 26.4 (1.0s 38mu), i 15 07.0, ei 17 11, eiPKKP 24 20.6, D 122.9
SEP16	14 11 25.4 W. of Tonga 17.48 S 178.67 W, 532km, m 5.8 ISC
PRU KHC	eipKP 14 30 06, D 145.9 eipKP 14 30 09, D 146.9
SEP16	16 00 53.0 New Britain 6.04 S 148.85 E, 70km, m 5.4 ISC
PRU KHC	ePKIKP 16 19 43, e 21 47, D 121.9 eipKIKP 16 19 43.2, ei 19 56.5, ei 21 38, D 122.9
SEP16	KHC e 16 29 36.5 PRU e 16 29 40
SEP16	18 25 07 Unimak Isl. 53.82 N 163.31 W, 2km, m 4.7 ISC
PRU KHC	eP 18 37 01, D 76.6 eiPC. 18 37 05.5 (1.1s 24mu), m 5.2, D 77.4
SEP16	22 20 33.5 Japan 40.80 N 143.21 E, 44km, m 4.4 ISC
PRU KHC	eP 22 32 35, D 79.0 eiP 22 32 41 (1.0s 14mu), m 4.8, D 80.1
SEP17	PRU eiPg 05 10 41, eiSg 10 55, (D 1.1) KHC ePg 05 10 50.5, eiSg 11 10.5, (D 1.5)
SEP17	05 22 04.0 Kurile Isl. 45.23 N 150.02 E, 67km, m 4.3 ISC
PRU	eP 05 33 53 (1.0s 9mu), m 4.7, D 77.9

SEP17	KHC eiPg 10 22 01, eiSg 22 16.3, (D 1.1)
SEP17	12 16 38 N. Italy 45.5 N 12.5 E, 43km ISC
KHC PRU PRA	eiPn 12 17 36.2, eiSn 18 19, i 18 56.0, D 3.7 eiPn 12 17 49, eiPg 18 13, eSn 18 40.5, ei 19 23, D 4.7 eSg 12 19 26, D 4.8
SEP17	14 00 00.0 Nuclear Explosion "STODDARD" 37.20 N 116.20 W USAEC, m 5.1 ISC
PRU KHC	e 14 12 28, D 82.9 e 14 12 29, D 83.2
SEP17	PRU eiPg 14 43 34, eSg 43 46.5, (D 1.0) KHC ePg 14 43 41.5, eiSg 43 59, (D 1.4)
SEP17	PRU eiPg 14 48 08.2, eiSg 48 27, (D 1.5)
SEP17	14 51 03.7 Easter Isl. 22.6 S 113.8 W, 28km, m 4.9 ISC
KHC	ePKIKP 15 10 23, D 131.0
SEP17	PRU e 16 38 59 KHC e 16 39 04.5
SEP17	17 46 11 E. Mediterranean Sea 35.3 N 28.0 E, 0km ISC
KHC PRU	eiP 17 50 15.3, D 17.4 eP 17 50 20, D 17.7
SEP17	KHC e 18 08 02.5, ei 08 15.6 PRA e 18 08 03 PRU e 18 08 04.5, ei 08 12
SEP17	17 49 47.0 Tonga 15.3 S 175.67 W, 17km, m 5.1 ISC
PRU KHC	eiPKP 18 09 24, eL 59, Lm 19 10 (LH: 22s 2.3u), M 5.9, D 144.4 eiPKP 18 09 25, D 145.4
SEP17	PRU eP 19 13 40 KHC eiP 19 13 43.5
SEP17	19 28 01 Dodecanese Isl. 35.3 N 27.9 E, 0km ISC
KHC	eiP 19 32 06, D 17.4
SEP17	21 13 52 Cyprus 35.34 N 31.24 E, 24km, m 4.5 ISC

KHC PRU	eiP 21 18 13.7 (1.0s 16mu), ei 18 50.2, m 4.2, D 18.9 eP 21 18 15 (1.0s 8mu), eiPP 18 30, m 3.9, D 19.0
SEP18	01 30 20 Loyalty Isl. 22.0 S 171.3 E, 0km ISC
PRU KHC	eiPKP 01 49 58.5, D 146.6 eiPKPD. 01 50 01.5, D 147.7
SEP18	03 02 07 Austria 47.8 N 14.2 E VIE
KHC PRU	eiPg 03 02 34.5, eiSg 02 53.2, D 1.4 ePn 03 02 45, eiPg 02 49, eiSg 03 17, D 2.2
SEP18	04 01 59 Crete 34.74 N 25.01 E, 30km, m 4.6 ISC
KHC PRU PRA	eiP 04 05 51.4 (1.1s 29mu), ei 06 55.2, ei 09 24.5, m 4.3, D 16.7 eiP 04 05 56 (1.2s 13mu), ei 06 17, Lm 11.9 (LH: 16s 1.7u), m 3.9, M 4.3, D 17.1 Lm 04 13, D 17.1
SEP18	06 17 03 Turkey 39.8 N 40.21 E, 25km, m 4.6 ISC
PRU PRA KHC	eiPD. 06 21 43 (1.0s 23mu), e 21 51, m 4.5, D 20.7 eP 06 21 45, D 20.8 eiP 06 21 46.5 (1.0s 27mu), ei 21 55.7, m 4.5, D 21.1
SEP18	07 37 21.3 Afghanistan-USSR 37.17 N 71.74 E, 120km, m 5.0 ISC
PRU KHC	eiP 07 45 05.5 (1.0s 16mu), epP 45 34, m 4.7, D 42.4 eiP 07 45 11.5 (1.2s 15mu), eipP 45 40.4, ei 46 55, m 4.6, D 43.1
SEP18	11 43 45.5 New Hebrides 18.20 S 167.13 E, 33km, m 5.7 ISC
KHC PRA PRU	eiPKP 12 03 13.7 (1.2s 14mu), ei 03 54, ei 05 49, D 142.5 ePKP 12 03 14, D 141.4 ePKP 12 03 17, ePP 06 21, D 141.4
SEP18	KHC eiPg 12 59 18, eiSg 59 34.5, (D 1.3)
SEP18	KHC eiPg 14 08 00.5, eiSg 08 19, (D 1.4) PRU e 14 08 10, eiSg 08 44
SEP18	14 10 56.4 New Britain 6.35 S 148.80 E, 54km, m 5.0 ISC
KHC	eiPKIKP 14 29 48.5, D 123.1
SEP18	PRU e 15 00 57 KHC ei 15 01 01.5
SEP19	04 57 57.8 Russia 49.29 N 140.27 E, 12km, m 4.9 ISC

PRU KHC	eP 05 08 54, D 70.7 eiPC. 05 09 01 (1.2s 19mu), m 5.1, D 71.8
SEP19	11 13 07.4 N. Atlantic Ridge 30.71 N 41.94 W, 33km, m 4.8 ISC
KHC PRU PRA	eiP 11 21 23.2 (1.5s 35mu), i 21 47.2, m 5.1, D 45.3 eP 11 21 29, ei 21 53, D 46.0 eP 11 21 32, e 21 54, e(S) 28 20, e 28 40, Lm 37, D 45.9
SEP19	PRU eiPg 11 47 51.5, eiSg 48 08, (D 1.3)
SEP19	KHC eiPg 12 02 53.5, eiSg 03 15.3, (D 1.8)
SEP19	KHC ePg 13 16 45, eiSg 16 58.5, (D 1.1)
SEP19	PRU eiPg 16 13 33.5, eiSg 13 54, (D 1.5)
SEP19	20 22 25 Cyprus 35.17 N 31.1 E, 23km ISC
PRU KHC	eP 20 23 43, D 19.1 eiP 20 26 45.7 (1.1s 11mu), ei 26 58, m 4.0, D 19.0
SEP19	22 12 36 S. Persia 28.34 N 53.19 E, 18km, m 5.1 ISC
PRU KHC PRA	eP 22 19 41 (2.0s 84mu), ePP 21 01, eiS 25 20, eL 33, Lm 37 (LH: 15s 2u), m 5.2, M 5.0, D 36.4 eiPC. 22 19 43 (1.5s 72mu), ei 20 21.5, ei 22 20.2, ei 25 51, m 5.2, D 36.7 Lm 22 37 (LH: 15.5s 1.9u, LV: 16s 1.1u), M 5.0, D 36.4
SEP19	23 35 56.3 S. Persia 28.31 N 53.23 E, 37km, m 4.7 ISC
KHC	eiP 23 43 01, D 36.7
SEP20	06 00 03.3 Venezuela 10.76 N 62.70 W, 103km, m 6.2 ISC
KHC PRU PRA	iPC. 06 11 23.1 (1.6s 1100mu), iPP 14 09, m 6.4, D 73.0 iPC. 06 11 27.0 (2.1s 2770mu, PH: 6s 4.2u, PV: 6s 6u), eipP 11 55, eiPP 14 11.5, eiS 20 50 (SH: 15s 14u), eisS 21 33, ei 22 08, eiSS 25 36, ei 29 16, m 6.7, MPH 6.4, MPV 6.6, MSH 6.7, D 73.6 eiPC. 06 11 28.0, epP 11 55, ePP 14 11, eS 20 52 (SH: 10.5s 12.7u), ePS 21 39, eSS 25 40, Lm 41.5 (LH: 16s 5.3u, LV: 17s 6.6u), M 6.2, MSH 6.7, D 73.6
SEP20	07 44 Explosion of 13.8 Tons: Czechoslovakia 51.00 N 14.42 E PRU
PRU KHC	iPg 07 45 12.5, eiSg 45 26, ei 45 28.5, D 1.0 eiPg 07 45 29, eiSg 45 55.8, D 2.0

SEP20	PRU eiPg 09 30 21, eiSg 30 35, (D 1.1)
SEP20	PRU ei 12 05 05 KHC eiPg 12 05 09.2, eiSg 05 30.3, (D 1.6)
SEP20	13 53 36.1 Japan 40.69 N 143.61 E, 28km, m 4.8 ISC
PRU	eiP 14 05 41 (1.0s 16mu), eiPcP 05 50.5, eL 37, Lm 40.4 (LH: 17s 1.lu), m 5.0, M 5.3, D 79.2
KHC	eiPC. 14 05 46.8 (1.0s 19mu), eiPcP 05 56.5, ei 06 18.5, m 5.0, D 80.3
PRA	Lm 14 47.5, D 79.2
SEP20	18 29 10.0 Kermadec Isl. 28.04 S 176.88 W, 70km, m 5.2 ISC
KHC	ePKIKP 18 48 59, i 49 32.0, D 157.5
PRU	e 18 49 08.5, eiPKP2 49 26, ei 49 37, ePP 53 08, eL 19 53, Lm 30 06 (LN: 18s 0.9u), M 5.8, D 156.4
SEP20	22 25 34.5 Japan 36.8 N 138.25 E, 35km, m 5.1 ISC
PRU	eiPC. 22 37 43 (1.5s 35mu), ei 38 49, eL 23 09, Lm 11 (LN: 16s 1u), m 5.1, (M 5.3), D 80.3
KHC	eiPC. 22 37 49.6 (0.9s 19mu), m 5.1, D 81.4
PRA	Lm 23 18, D 80.3
SEP20	23 02 43.9 Mid-Indian Rise 13.82 S 66.1 E, 33km, m 5.0 ISC
PRU	eiP 23 14 41, D 78.0
KHC	eiP 23 14 41.2 (1.4s 18mu), ei 16 06, m 5.0, D 77.9
SEP20	23 35 10 Japan 36.87 N 138.19 E, 16km, m 4.7 ISC
PRU	eiPC. 23 47 21 (1.0s 15mu), m 4.9, D 80.2
KHC	eiP 23 47 26.8 (1.0s 13mu), m 4.9, D 81.3
SEP21	PRU eiPg 02 40 56, ei 40 58 KHC eiPg 02 41 10.5, eiSg 41 27.8, (D 1.3)
SEP21	Explosion of 15.5 Tons: Czechoslovakia 49.42 N 16.0 E PRU
PRU	iPg 09 00 02.5, iSg 00 16.5, D 1.1
KHC	eiPg 09 00 11.7, ei 00 33, D 1.6
SEP21	11 05 54.5 Rumania 45.55 N 26.31 E, 147km, m 4.2 ISC
PRU	eP 11 08 04, D 9.1
KHC	eiP 11 08 07.2, ei 10 05.5, D 9.4
SEP21	PRU ePg 12 39 23, eiSg 39 41, (D 1.5)

KHC	e 12 39 31.5, eiSg 39 51
SEP21	13 06 00.8 Japan 42.08 N 142.65 E, 57km, m 5.9 ISC
PRU	iPC.S.E. 13 17 53.0 (1.4s 396mu, PH: 7s 2.8u, PV: 7s 3.6u), eiSP 18 08, ePP 20 42, eiS 27 40 (SH: 10s 7.5u), eiPS 28 24, e 32 26, e 34 18, eQ 45, eR 59, Lm 03.5 (LN: 25s 44u), m 6.1, (M 6.7), MPH 6.3, MPV 6.4, MSH 6.8, D 77.7
PRA	iPC. 13 17 53.4 (PH: 7s 2.4u, PV: 8s 8.1u), eS 27 42 (SH: 9.5s 5.6u), ePS 28 21, eSS 32 48, Lm 56.2 (LH: 14s 22u, LV: 14s 26u), M 6.7, MPH 6.8, MPV 6.9, MSH 6.6, D 77.7
KHC	iPC. 13 17 59.1 (1.5s 579mu), ei 18 51.4, eiPP 21 02, m 6.3, D 78.8
SEP21	PRU iPg 14 00 12.5, eiSg 00 46.5, (D 2.6) KHC ePg 14 00 15, eiSg 00 54.2, (D 3.0)
SEP22	08 00 32.8 W. of Tonga 18.13 S 178.61 W, 633km, m 4.9 ISC
PRU	eiPKP 08 19 05.8 (1.0s 46mu), ei 19 10.5, D 146.5
KHC	eiPKP 08 19 05.8, i 19 09.5, ei 21 35.5, D 147.5
SEP22	09 20 30.2 Philippines 15.72 N 121.88 E, 47km, m 5.3 ISC
PRU	eP 09 33 20, ei 34 19, e 43 46, eL 10 06, Lm 11.4 (LN: 20s 1u), (M 5.2), D 88.8
PRA	eP 09 33 22, Lm 10 16, D 88.9
KHC	eP 09 33 25, ei 33 32.4, D 89.8
SEP22	15 04 04.2 Venezuela 10.87 N 62.69 W, 104km, m 4.6 ISC
PRU	eiP 15 15 28 (0.5s 16mu), m 5.1, D 73.5
SEP22	16 53 33.9 Fiji 15.16 S 176.21 W, 429km, m 4.3 ISC
KHC	eiPKP 17 12 28, D 145.2
SEP22	17 05 37.2 Tonga 15.20 S 175.90 W, 139km, m 4.2 ISC
KHC	eiPKPC. 17 25 01.8 (1.3s 18mu), D 145.3
SEP22	20 22 02.5 Tonga 15.58S 174.65 W, 33km, m 4.6 ISC
KHC	eiPKP 20 41 39, i 41 44.8, D 145.9
PRU	ePKP 20 41 40, D 144.9
SEP22	20 30 35.5 Tonga 15.24 S 175.4 W, 33km, m 4.9 ISC
KHC	eiPKP 20 50 10.2, ei 50 16.1, D 145.4
PRU	eiPKP 20 50 13 (1.5s 35mu), eL 21 32, Lm 43.6 (LN: 23s 0.8u), (M 5.4), D 144.4

SEP23	05 03 47 Japan 40.33 N 143.75 E, 9km, m 5.2 ISC
PRA	eP 05 15 56, Lm 55.6 (LH: 15s 3.6u, LV: 15s 2.9u), M 5.8, D 79.6
PRU	eiPC. 05 15 56.5, eiPcP 16 07, eS 25 48, e 26 05, eL 47, Lm 55.5 (LN: 18s 2.8u), (M 5.7), D 79.6
KHC	eiP 05 16 02 (1.4s 37mu), eiPcP 16 12.4, m 5.2, D 80.7
SEP23	08 53 50.5 N. Atlantic Ridge 23.9 N 45.4 W, 33km, m 4.5 ISC
KHC	eP 09 03 02, D 52.1
SEP23	KHC eiPg 11 33 25.4, eiSg 33 44, (D 1.4)
SEP23	21 27 22.2 Jordan-Syria 36.49 N 40.68 E, 49km ISC
PRU	eP 21 32 26, ei 32 34, D 23.2
KHC	eP 21 32 34, D 23.4
SEP23	22 06 57 Japan 39.89 N 143.7 E, 15km ISC
KHC	eP 22 19 12.5, D 81.0
SEP23	23 38 00.1 New Britain 5.09 S 152.5 E, 72km, m 5.0 ISC
KHC	eiPKIKP 23 56 52.5, D 124.0
SEP24	00 51 44 Crete 34.7 N 25.1 E, 67km ISC
KHC	eiP 00 55 34, D 16.8
SEP24	03 34 46.0 Japan 40.30 N 143.70 E, 4km, m 5.2 ISC
PRU	eiPC. 03 46 56.2 (2.0s 42mu), eiPcP 47 06, e 49 07, eS 57 00, ei 57 48, eL 04 18, Lm 33.6 (LN: 20s 4.2u), m 5.0, (M 5.8), D 79.6
PRA	eP 03 46 57, eS 56 57, Lm 04 26.5 (LH: 13s 3.0u, LV: 16s 5.7u), M 5.8, D 79.6
KHC	iPC. 03 47 02.1 (1.4s 65mu), eiPcP 47 11.4, ei 50 17.6, m 5.5, D 80.7
SEP24	04 19 53 Turkey 39.19 N 40.29 E, 8km, m 5.1 ISC
PRU	eiPC. 04 24 40 (0.7s 14mu), ei 24 45.4, m 4.4, D 21.2
PRA	eP 04 24 43, D 21.3
KHC	eiPC. 04 24 43.5 (1.0s 14mu), m 4.3, D 21.5
SEP24	04 46 01.5 Japan 40.31 N 143.80 E, 10km, m 5.1 ISC
PRU	eiPC. 04 58 10.5 (0.8s 11mu), m 4.9, D 79.6
KHC	iPC. 04 58 16.7 (1.0s 35mu), ei 05 01 27.5, D 80.7
PRA	Lm 05 38, D 79.6

SEP24	Probably Austria
PRU	ePg 16 24 05, eiSg 24 24, ei 24 31, eiSg 24 36, (D 2.4)
KHC	ei 16 24 10, eiSg 24 41.4
SEP24	16 29 18.1 E. Mediterranean Sea 35.42 N 28.27E, 0km ISC
KHC	eP 16 33 25, D 17.4
SEP24	PRU eiPg 23 16 12.4, ei 16 14.1, eiSg 16 17.4, (D 0.38)
KHC	eiPg 23 16 26.5, eiSg 16 43, (D 1.3)
SEP25	00 15 39.9 W. of Tonga 17.97 S 178.42 W, 587km, m 5.0 ISC
KHC	eiPKIKP 00 34 16.2, iPKHKP 34 19.2, D 147.4
PRU	eiPKP 00 34 16.5, D 146.4
PRA	ePKP 00 34 17, D 146.3
SEP25	07 02 51.9 New Zealand 46.49 S 166.32 E, 33km, m 5.7 ISC
KHC	eiPKIKP 07 22 57.5, eiPKP2 23 38, eiPP 27 24.5, D 161.5
PRU	eiPKP2 07 23 35.5, e 30 24, e 34 03, e 45 40, eL 08 20, Lm 44.5 (LN: 21s 1.7u), (M 5.9), D 160.9
PRA	Lm 08 47.7 (LH: 20s 3.2u; LV: 20s 4.1u), M 6.0, D 161.0
SEP25	08 16 31.3 E. Mediterranean Sea 35.41 N 28.11 E, 39km, ISC
KHC	eiP 08 20 32.2, ei 21 20, D 17.4
SEP25	10 38 36.4 Mexico-Guatemala 15.54 N 92.65 W, 114km, m 5.8 ISC
KHC	eiP 10 51 16.6, eiP 51 51.2, eisP 52 06, D 88.6
PRU	eP 10 51 19.5, ei 51 26.5, eiP 51 56, eisP 52 08.5, eiPP 54 50, ei 55 20, eiSKS 11 01 36, ei 03 30, eiSS 07 52, eL 14, Lm 25.7 (LN: 25s 9u), (M 6.4), D 88.9
PRA	eP 10 51 24 (PV: 5s 1.2u), eiP 51 59, eiPP 54 54, eiSKS 11 01 36, Lm 11 31.6 (LH: 18s 9.4u, LV: 19s 4.9u), M 6.7, MPV 6.3, D 88.8
SEP25	PRU eiPg 12 13 11.5, eiSg 13 29.5, (D 1.4)
SEP25	14 34 16.9 Tonga 19.30 S 175.82 W, 175km, m 5.2 ISC
KHC	eiPKIKP 14 53 42.5, ei 54 02, eiPKP 54 48.8, D 149.3
PRU	ePKIKP 14 53 43, D 148.3
SEP25	PRU iPg 15 42 04, iSg 42 30, (D 2.0)
KHC	e 15 42 15, eSg 42 54
SEP25	17 58 55.3 Aleutian Isl. 51.39 N 179.24 W, 23km, m 4.9 ISC
KHC	eiP 18 11 00.5, D 79.3

SEP25	20 52 15.8 Turkey 39.24 N 40.29 E, 41km, m 5.0 ISC
PRU	eiP 20 56 58.5, e(S) 21 01 00, eL 03.5, Lm 06 (LN: 20s 1.5u), (M 4.4), D 21.1
KHC	eiP 20 57 01.4 (1.4s 24mu), m 4.4, D 21.5
PRA	e(S) 21 01 06, Lm 08, D 21.1
SEP25	21 36 50.6 Japan 41.89 N 142.20 E, 78km, m 5.1 ISC
PRU	eiP 21 48 41, D 77.7
KHC	eiPC. 21 48 47.4 (1.0s 24mu), eipP 49 06.5, m 5.1, D 78.7
SEP26	00 46 11 Afghanistan 33.73 N 69.90 E, 16km, m 5.2 ISC
PRU	eiPC. 00 54 13, ei 54 19.5, D 43.3
KHC	eP 00 54 17.5, ei 54 26, eiPP 56 02.2, D 43.9
SEP26	01 37 48.6 Kurile Isl. 46.07 N 151.9 E, 53km ISC
KHC	eiP 01 49 46.7, D 78.5
SEP26	02 39 55.8 W. of Tonga 19.27 S 177.53 W, 549km, m 5.1 ISC
PRU	ePKIKP 02 58 35.3, iPKHKP 58 39.8, eipKP2 58 44.5, D 147.9
PRA	ePKIKP 02 58 36, D 147.8
KHC	eiPKIKPD. 02 58 37.2, iPKHKP 58 42.4, D 148.9
SEP26	06 42 03.0 Turkey 38.76 N 32.60 E, 40km, m 4.8 ISC
KHC	eiP 06 46 05, D 17.1
SEP26	06 57 29 Loyalty Isl. 21.1 S 169.3 E, 0km ISC
KHC	eiPKP 07 17 01, D 146.0
SEP26	08 23 39 Kurile Isl. 45.32 N 151.36 E, 33km, m 5.2 ISC
PRU	eiP 08 35 35.5, D 77.9
KHC	eiPC. 08 35 41.5 (1.1s 35mu), ei 36 28, m 5.3, D 79.0
SEP26	08 41 21.2 W. of Tonga 17.70 S 178.51 W, 566km, m 5.3 ISC
PRU	eiPKP 08 59 57, i 59 59.5, D 146.1
PRA	ePKP 08 59 57, D 146.1
KHC	iPKPD. 08 59 58.9 (1.0s 35mu), i 09 00 02.0, ei 01 00, eipPKP2 02 25, D 147.2
SEP26	PRU eiPg 09 24 47, eiSg 25 06.5, (D 1.5) KHC e 09 24 58.5, eiSg 25 25
SEP26	11 00 41.2 Kurile Isl. 45.3 N 151.2 E, 48km ISC

KHC	eP 11 12 42, D 78.9
SEP26	11 22 06.8 Kurile Isl. 45.29 N 151.36 E, 40km, m 5.0 ISC
PRU	eP 11 34 02.5, D 78.0
KHC	eiPC. 11 34 08.8 (1.0s 19mu), m 5.1, D 79.0
SEP26	14 37 41.2 W. of Tonga 20.86 S 176.89 W, 202km, m 5.7 ISC
PRU	eiPKIKPD. 14 57 01.7, iPKHKP 57 07.3, eipPKP 58 08, ei 58 42, D 149.6
PRA	ePKIKP 14 57 02, ePKHKP 57 08, D 149.5
KHC	iPKIKPD. 14 57 03.7 (1.1s 172mu), iPKHKP 57 10.0, eipPKP 58 12.6, D 150.6
SEP26	PRU iPg 15 33 49.5, eiSg 33 52.5, (D 0.25) KHC ePg 15 34 07, eiSg 34 22.8, (D 1.1)
SEP26	18 02 47 Kermadec Isl. 30.52 S 178.01 W, 12km, m 5.8 ISC
PRA	ePKIKP 18 22 43, ePP 26 58, Lm 19 32 (LH: 24s 20.5u, LV: 20s 14.3u), M 6.8, D 158.4
PRU	ePKIKP 18 22 44, eipKP2 23 20.5, eiPP 26 57, Lm 19 33.7 (LN: 21s 14u), (M 6.7), D 158.6
KHC	eiPKIKPC. 18 22 46.2, iPKP2 23 27.0, D 159.4
SEP26	20 39 25 W. of Tonga 21.51 S 178.11 W, 327km, m 4.3 ISC
PRU	eiPKHKP 20 58 35.5, D 149.9
KHC	eiPKHKP 20 58 38.5, eipKP2 58 49.6, D 150.9
SEP27	01 50 18.9 E. Mediterranean Sea 35.53 N 28.17 E, 0km ISC
KHC	eP 01 54 27, D 17.3
SEP27	03 58 58 Banda Sea 6.89 S 129.21 E, 151km, m 5.9 ISC
PRU	eP 04 13 18, e 16 30, e(PP) 17 51, ei 25 20, eSP 27 18, D 111.0
KHC	eP 04 13 21.5, e 16 22, eiPKIKP 17 16.7, eiPP 18 06.8, ei 23 27.6, ei 25 44.5, ei 27 08.7, D 111.8
PRA	ePKIKP 04 17 18, ePP 18 00, eSKS 23 41, esSKS 24 40, e 25 22
SEP27	PRU iPg 09 00 27, eiSg 00 41, (D 1.1) KHC ei 09 00 30.5, eiSg 00 43.3
SEP27	09 14 Explosion of 15 Tons: Czechoslovakia 50.05 N 13.63 E PRU
PRU	iPg 09 14 15, eiSg 14 21, D 0.48
KHC	ei 09 14 22.3, eiPg 14 24, eiSg 14 38.5, D 0.92

SEP27	10 37 54.3 Tadzhikistan 37.84 N 72.31 E, 104km, m 5.3 ISC
PRU	eiP 10 45 39.5, eisP 46 20, eSS 55 28, D 42.3
PRA	eP 10 45 42, epP 46 07, D 42.4
KHC	iPD. 10 45 46.1 (1.2s 87.5mu), eipP 46 12.2, m 5.5, D 43.1
SEP27	KHC ePg 12 00 02, eiSg 00 16.5, (D 1.1)
SEP27	PRU ePg 12 01 50, eiSg 02 09, (D 1.5)
SEP27	PRU eiPg 12 20 56.5, eiSg 21 16.5, (D 1.5)
SEP27	PRU ePg 13 20 39.5, ei 20 54.5 KHC ePg 13 20 50, eiSg 21 08.2, (D 1.4)
SEP27	KHC eiPg 15 50 39.5, eiSg 50 57.6, (D 1.4)
SEP27	16 41 08.4 Kermadec Isl. 30.74 S 177.71 W, 32km, m 5.4 ISC
KHC	ePKIKP 17 01 05, eiPKP2 01 45.6, D 159.7
PRA	ePKP2 17 01 38, D 158.6
PRU	ePKP2 17 01 40, eL 18 02, Lm 07.5 (LN: 20s 1u), (M 5.5), D 158.7
SEP27	17 38 08.1 Aleutian Isl. 52.59 N 170.88 E, 34km, m 4.5 ISC
KHC	eP 17 49 59, ei 50 19.2, D 76.8
SEP27	19 06 44 New Guinea 3.65 S 143.37 E, 12km, m 5.8 ISC
KHC	eiPKIKP 19 25 32.2, ei 26 38, D 117.9
PRU	ePKIKP 19 25 33, ePP 26 48, eSKS2 32 30, ePS 36 26, eL 20 01, Lm 15 (LN: 18s 6.7u), (M 6.3), D 116.9
PRA	Lm 20 16.8 (LN: 19.5s 8.4u, LV: 23s 10.8u), M 6.3, D 116.9
SEP27	22 47 36.8 Kermadec Isl. 30.80 S 177.84 W, 33km, m 4.6 ISC
KHC	ePKIKP 23 07 40, eiPKP2 08 14.2, D 159.8
PRU	ePKP2 23 08 13, D 158.7
SEP28	00 53 28.0 Turkey 40.49 N 26.38 E, 28km, m 4.4 ISC
KHC	eiP 00 56 25 (1.5s 18mu), ei 57 10, ei 59 36, D 12.5
PRU	eP 00 56 34, Lm 01 00.8 (LH: 13s 2.3u), M 4.3, D 12.6
PRA	Lm 00 01, D 12.6
SEP28	09 54 49.6 Philippine Isl. 16.18 N 122.39 E, 42km, m 5.2 ISC
KHC	eP 10 07 45, D 89.7

SEP28	13 53 35.2 Peru 13.10 S 76.37 W, 66km, m 5.9 ISC
KHC	eiP1407 13.2, ei 07 33.5, eiPP 11 10.3, D 99.7
PRU	eP 14 07 24, eiSKS 17 52, Lm 50 (LN: 21s 1.5u), (M 5.6), D 100.9
SEP28	18 20 29.5 Japan 41.97 N 142.26 E, 70km, m 4.8 ISC
PRU	eP 18 32 20, D 77.6
KHC	eiPC. 18 32 26.4 (0.8s 22mu), eisP 32 47.2, m 5.0, D 78.7
SEP29	00 28 56.7 Tonga 15.1 S 173.6 W, 33km, m 4.6 ISC
KHC	ePKP 00 48 35.5, D 145.5
SEP29	01 33 02 Carlsberg Ridge 7.53 N 59.58 E, 133km, m 4.7 ISC
KHC	eP 01 42 31, D 56.6
SEP29	03 42 57.8 E. Kazakhstan 49.82 N 78.18 E, 0km, m 5.8 ISC
PRU	iPC. 03 50 35, ei 51 10, eiPP 52 08, D 39.9
PRA	eP 03 50 36, ePP 52 08, D 39.9
KHC	iPC. 03 50 43.2 (1.0s 183mu), eiPP 52 14.5, m 5.8, D 40.8
SEP29	12 43 32.9 New Hebrides 15.56 S 167.65 E, 125km, ISC
KHC	ePKP 13 02 49, D 140.4
SEP29	21 54 37.8 N. of New Guinea 3.70 S 143.63 E, 62km, m 5.2 ISC
KHC	ePKIKP 22 13 20.5, D 118.1
SEP30	03 01 57 E. Mediterranean Sea 34.6 N 27.4 E, 0km ISC
KHC	eP 03 06 04.5, D 17.8
SEP30	PRU eiPg 10 17 40.5, ei 17 42.5, eiSg 17 45, (D 0.35) KHC ePg 10 17 56, eiSg 18 12, (D 1.2)
SEP30	PRU iPg 11 00 55.5, ei 01 17, eiSg 01 20, (D 1.8)
SEP30	11 37 24.0 Kermadec Isl. 29.72 S 176.80 W, 74km, m 4.6 ISC
KHC	ePKIKP 11 57 15, eiPKP2 57 51, D 159.1
SEP30	KHC ePg 16 07 31, eiSg 07 52.6, (D 1.6)
SEP30	KHC eiPg 16 25 18, eiSg 25 39, (D 1.6)

OCT01	KHC ePg 13 53 23, eiSg 53 44, (D 1.6)
OCT01	PRU eiPg 13 54 59, eiSg 55 14, (D 1.1)
OCT01	16 31 03.2 S. Italy 40.19 N 15.39 E, 295km, m 4.3 ISC
KHC	eiPC. 16 33 10 (1.2s 38mu), m 4.4, D 9.0
PRU	eiP 16 33 20.3 (1.0s 23mu), i 33 25, m 4.3, D 9.8
OCT01	18 16 03 Persia-USSR 39.19 N 46.21 E, 10km ISC
PRU	eP 18 21 26, D 24.8
KHC	eiP 18 21 30 (1.5s 32mu), m 4.8, D 25.3
OCT01	21 11 08.2 Kermadec Isl. 31.06 S 177.44 W, 15km, m 4.6 ISC
KHC	ePKP2 21 31 45, D 160.1
OCT02	02 11 01.7 Austria 47.01 N 14.4 E, 0km ISC
KHC	eiPg 02 11 38.5, iSg 12 04, D 2.2
PRU	eiPg 02 11 54, eiSn 12 21, ei 12 30, D 3.0
OCT02	PRU eiPg 08 06 09.7, eiSg 06 24 7, (D 1.1)
OCT02	09 09 52.6 Bonin Isl. 27.21 N 140.19 E, 458km, m 4.8 ISC
PRU	eP 09 21 59, D 89.3
KHC	eiPD. 09 22 04.2 (0.9s 27mu), m 5.2, D 90.3
OCT02	PRU iPg 12 55 58.4, eiSg 56 23.5, (D 1.9)
KHC	e 12 56 05, eiSg 56 39
OCT02	13 21 55.0 W. of Tonga 17.71 S 178.72 W, 546km, m 4.3 ISC
KHC	eiPKIKP 13 40 34.5, iPKHKP 40 38, D 147.1
PRU	eiPKP 13 40 35, D 146.1
OCT02	14 05 00 Explosion of 14.5 Tons: Germany 51.23 N 9.87 E HAN
PRU	ePn 14 06 20, ei 06 27, eiPg 06 30, eiSg 07 12.5, D 3.2
KHC	e 14 06 21, eiPg 06 33, eiSn 06 53.5, eiSg 07 07, D 3.2
OCT02	16 27 03 Germany 49.7 N 7.8 E BCIS
KHC	eSg 16 29 05, D 3.8
OCT02	21 15 29.7 W. of Tonga 21.64 S 176.62 W, 272km, m 4.2 ISC

PRU	eiPKHKPC. 21 34 49 (1.0s 15mu), D 150.4
KHC	eiPKHKPC. 21 34 51.5, eiPKP2 35 01, eipPKP 35 48, D 151.4
OCT03	08 04 57.2 Ceram 3.78 S 128.51 E, 113km, m 5.6 ISC
PRU	eP 08 23 11, D 108.2
KHC	eiP 08 23 15.5, D 109.1
OCT03	11 08 39.3 Aleutian Isl. 51.57 N 174.09 W, 49km, m 5.0 ISC
PRU	eiPC. 11 20 36.5 (1.0s 26mu), eipP 20 50, e 21 41, m 5.2, D 78.6
KHC	eiPC. 11 20 42.8 (1.0s 43mu), eipP 20 55.6, m 5.4, D 79.5
OCT03	12 25 16.3 Philippines 19.6L N 121.91 E, 56km, m 4.7 ISC
PRU	eP 12 37 47, D 85.8
OCT03	12 18 04 S. of Kermadec Isl. 33.46 S 179.19 W, 24km, m 5.2 ISC
KHC	eiPKIKP 12 38 02.5, D 161.7
PRU	eiPKP2 12 38 40, D 160.6
OCT03	14 45 01 Explosion of 5.9 Tons: Germany 51.61 N 9.74 E HAN
PRU	ePg 14 46 08, eSn 46 39, eiSg 46 56.5, D 3.5
KHC	e 14 46 11, eiSg 46 55.4, D 3.5
OCT03	18 18 34.8 Albania 40.13 N 19.85 E, 58km, m 4.7 ISC
KHC	eiP 18 20 56, eiS 22 25, e 24 00, D 10.0
PRU	e 18 23 21, e 23 46.5, D 10.6
OCT03	PRU eiP 20 54 19.5
KHC	eiP 20 54 25.5
OCT04	00 40 01.9 Japan 41.69 N 142.86 E, 47km, m 4.9 ISC
PRU	eP 00 51 58, eSP 52 19, D 78.1
KHC	eiP 00 52 03.6 (0.8s 13mu), ei 52 33, m 5.0, D 79.2
OCT04	02 19 49.1 Kurile Isl. 45.95 N 152.8 E, 37km ISC
KHC	eP 02 31 51, D 78.9
OCT04	04 24 08.8 Japan 40.33N 143.48 E, 20km, m 4.6 ISC
PRU	eiPC. 04 36 16.5 (1.0s 19mu), eipP 36 25, m 5.1, D 79.5
KHC	eiPC. 04 36 21.6 (1.0s 16mu), m 5.0, D 80.6
OCT04	04 57 45 Tonga 20.05 S 175.00 W, 114km, m 4.3 ISC

PRU KHC	ePKHKP 05 17 21, D 149.2 eiPKHKP 05 17 24, D 150.2
OCTO4 KHC	05 45 38.1 Taiwan 24.86 N 122.55 E, 51km, m 5.1 ISC eP 05 58 04, D 83.0
OCTO4 KHC PRU PRA	06 04 30 S. Sandwich Isl. 56.27 S 27.07 W, 45km, m 6.1 ISC ei 06 22 27, eiPP 23 27.2, D 110.4 e 06 22 35, eiPP 23 40, ei 29 28, eiPS 33 06, D 111.4 e 06 30 30, ePS 33 10, e 33 20, Lm 07 06.5 (LN: 20s 6.2u, LV: 20s 6.1u), (M 6.3), D 111.4
OCTO4 PRU KHC	06 50 51 Banda Sea 7.33 S 129.67 E, 55km, m 5.3 ISC ePKIKP 07 09 22, e 21 04, ei 21 14.5, D 111.7 eiPKIKP 07 09 23.9, D 112.5
OCTO4 PRU PRA KHC	07 28 26.4 Tonga 17.40 S 172.89 W, 33km, m 5.1 ISC eiPKIKP 07 48 06.5 (1.5s 83mu), eiPKP2 48 19, ei 48 25.5, D 147.0 ePKP 07 48 07, D 146.9 eiPKIKPC. 07 48 07.5 (1.2s 60mu), eiPKP2 48 21.4, D 147.9
OCTO4	PRU ePg 10 38 57, eiSg 39 21, (D 1.8) KHC ePg 10 39 00, eiSg 39 23.8, (D 1.8)
OCTO4	KHC eiPg 13 39 36, eiSg 39 51, (D 1.1)
OCTO4 KHC PRU	Explosion of 12.3 Tons: Germany 47.63 N 11.15 E HAN eiPg 14 38 44.5, eiSg 39 14, D 2.2 eiPn 14 38 54.4, eiPg 39 04, e39 44, eiSg 39 50.5, D 3.3
OCTO4 PRU KHC	16 27 24.6 S. Alaska 61.28 N 147.20 W, 44km, m 4.6 ISC eiPC. 16 38 21.3 (1.0s 15mu), e 38 30, m 5.2, D 68.1 eiP 16 38 26.5 (1.0s 13mu), m 5.1, D 68.9
OCTO4 KHC	18 28 04.0 Poland 50.26 N 18.92 E, m 2.4 WAR e 18 29 57.5, eiSg 30 04, D 3.7
OCTO5 PRU KHC	04 50 29 Tonga 17.11 S 174.19 W, 153km, m 4.5 ISC ePKP 05 09 57, eiPKP 10 36, D 146.5 eiPKP 05 09 58, D 147.4

OCTO5 PRU KHC	iPg 09 00 12.0, iSg 00 30.5, (D 1.4) ePg 09 00 13, eiSg 00 32.5, (D 1.5)
OCTO5 PRU KHC	eiPg 09 31 42.5, eiSg 31 58.5, (D 1.2) eiPg 09 31 46, eiSg 32 07, (D 1.6)
OCTO5 PRU KHC	15 12 52.3 Caspian Sea 41.70 N 49.55 E, 70km, m 4.9 ISC eiP 15 18 18, eipP 18 34, ei 20 14, D 25.6 eiP 15 18 20.7, (1.1s 20mu), eipP 18 40, eiPP 29 10.2, m 4.6, D 26.1
OCTO6 KHC PRU	00 40 43.3 S. Greece 36.63 N 22.07 E, 71km, m 4.1 ISC eP 00 44 00, ei 44 16, D 14.0 eP 00 44 11, D 14.4
OCTO6 KHC	00 50 13 Japan 40.7 N 143.4 E, 37km, m 4.1 ISC eiP 01 02 21, D 80.2
OCTO6 PRU KHC	02 51 39.4 Samoa 15.64 S 173.00 W, 44km, m 5.1 ISC ePKP 03 11 13, ei 11 31, D 145.2 eiPKP 03 11 17.5 (1.2s 26mu), ei 11 34.2, D 146.2
OCTO6 PRU KHC	05 15 11.6 Tonga 15.09 S 175.30 W, 33km, m 5.2 ISC eiPKP 05 34 44.5, ei 35 37, eL 06 27, Lm 39 (LN: 20s 18u), (M 5.9), D 144.3 eiPKP 05 34 46.8 (1.5s 95mu), D 145.3
OCTO6 PRU KHC	07 42 26.5 Nicobar Isl. 9.98 N 93.61 E, 124km, m 5.0 ISC eiP 07 53 58 (1.0s 18mu), epP 54 30, m 4.8, D 75.4 eiPC. 07 54 01 (0.8s 22mu), m 4.9, D 76.0
OCTO6 PRU KHC	Explosion? iPg 09 00 19, iSg 00 29, i 00 33, (D 0.77) eiPg 09 00 38.5, eiSg 01 03.2, (D 1.9)
OCTO6 PRU KHC PRA	08 47 02 Samoa 14.90 S 175.37 W, 35km, m 5.4 ISC eiPKP 09 06 33.5, ei 06 48, D 144.0 eiPKPC. 09 06 36, ei 07 16, D 145.1 ePKP 09 06 38, Lm 10 29 (LE: 16s 1.2u, LV: 17s 2.5u), (M 5.7), D 144.0

OCT06 KHC	09 05 20.0 Samoa 14.96 S 174.98 W, 33km, m 4.3 ISC eiPKP 09 24 54.5, D 145.2
OCT06 PRU KHC	09 15 00.4 Samoa 14.92 S 175.11 W, 33km, m 4.9 ISC eiPKP 09 34 34.5, ei 34 49, eL 55, Lm 10 11.8 (LN: 19s 2.2u), (M 6.0), D 144.2 eiPKP 09 34 35.2, ei 34 47, D 145.2
OCT06 KHC PRU PRA	15 06 43 Dodecanese Isl. 36.96 N 26.38 E, 17km, m 4.7 ISC eiP 15 10 19.5, ei 10 39, D 15.3 eP 15 10 27, ei 10 31, D 15.6 Lm 15 17.2, D 15.6
OCT06 PRU KHC	19 40 26.4 Japan 31.67 N 140.21 E, 115km, m 5.1 ISC eiP 19 52 53 (1.0s 23mu), esP 53 28, m 5.1, D 85.2 eiPD. 19 52 58.4 (0.9s 16mu), eiPP 56 21.6, m 4.9, D 86.6
OCT06 KHC PRU	22 07 10.9 Turkey 38.78 N 32.59 E, 37km, m 4.8 ISC eiP 22 11 09.5 (1.4s 25mu), m 4.2, D 17.1 eP 22 11 11 (1.5s 26mu), ei 11 43.5, m 4.1, D 17.0
OCT06 KHC	23 26 55.0 Samoa 15.0 S 175.0 W, 33km, m 4.3 ISC eiPKP 23 46 30, D 145.3
OCT07 KHC	23 59 07 Samoa 14.86 S 175.3 W, 130km, m 4.1 ISC eiPKP 00 18 30.5, D 145.1
OCT07 KHC	09 01 11 Kurile Isl. 49.90 N 156.80 E, 8km, m 4.7 ISC eP 09 13 01.5, D 76.4
OCT07 KHC	eiPg 13 35 22, eiSg 35 41, (D 1.4)
OCT07 KHC	ePg 13 41 18, eiSg 41 40, (D 1.6)
OCT07 PRU PRA	19 20 20.8 Bonin Isl. 26.29 N 140.70 E, 518km, m 6.1 ISC iPD. 19 32 26.5 (1.0s 235mu, PH: 8s 5.5u, PV: 8s 8u), ei 33 04, eipP 34 14, ei 35 19, eiPP 36 12 (PPH: 9s 12.7u, PPV: 9s 13u), ei 37 08, eiPPP 38 16, eiSKS 42 06, eiSP 43 48, ePS 44 30, eiSS 48 54, eisSS 51 16, Lm 20 15.5 (LH: 15s 33u, LV: 15s 20u), m 6.1, MPH 6.8, MPV 6.7, MPPH 7.3, MPPV 7.1, D 90.3 eiP 19 32 27.5, ePP 36 17, e 39 58, e 41 42, Lm 20 15 (LH: 13s

KHC	45u, LV: 13s 47u), D 90.3 iPD. 19 32 31.5 (1.1s 362mu), i 32 43.6, iPP 36 20.0, m 6.2, D 91.4
OCT07 PRU PRA KHC	20 49 04.2 Japan 41.97 N 142.51 E, 52km, m 5.7 ISC iPC. 21 00 57.0 (1.5s 167mu), isP 01 16.5, e 10 44, Lm 32.5 (LN: 24s 15u), m 5.7, (M 6.3), D 77.7 eP 21 00 58, D 77.7 eiPC. 21 01 02.9 (0.9s 102mu), eiPP 04 15.5, m 5.7, D 78.8
OCT08 PRU KHC	00 50 41.4 Japan 35.58 N 140.06 E, 73km, m 5.1 ISC eiP 01 02 55.5 (0.7s 16mu), ei 03 12.5, m 5.1, D 82.1 eiP 01 03 01.2 (1.0s 19mu), eisP 03 27.5, m 5.0, D 83.2
OCT08 KHC	04 41 16.2 Solomon Isl. 7.16 S 154.16 E, 54km, m 4.7 ISC eiPKIKP 05 00 16, D 126.7
OCT08 KHC PRU PRA	07 43 22.8 S.E. Indian Ridge 39.85 S 87.74 E, 33km, m 5.8 ISC eiPKIKP 08 01 53.5, D 110.1 e 09 02 10, ePP 02 20.5, ePS 11 54, ei 14 06, eSS 17 48, eSSS 21 46, D 110.1 ePP 08 02 23, ePS 12 00, eSS 17 50, D 110.2
OCT08 PRU	ePg 08 34 53.5, eiSg 35 07.5, (D 1.1)
OCT08 PRU	e(Pn) 14 31 26, eiPg 31 30, eSg 32 03, (D 2.3)
OCT09 PRU KHC	03 38 51 Samoa 14.83 S 175.41 W, m 5.0 ISC ePKP 03 58 16, ei 59 18, eL 04 48, Lm 05 02 (LN: 20s 1.5u), (M 6.1), D 144.0 eiPKP 03 58 18, ei 59 20, D 145.0
OCT09 PRU KHC	ePg 12 51 40, eiSg 52 03.5, (D 1.8) e 12 51 43, eiSg 52 08.5
OCT09 PRU	e 15 57 51, iPg 57 52.5, iSg 58 18, (D 1.9)
OCT09 PRU KHC	17 10 49 Samoa 14.98 S 175.36 W, 137km, m 4.6 ISC ePKP 17 30 07.5, ei 30 12, ei 30 34, D 144.2 eiPKP 17 30 10.5, ei 30 16.2, D 145.2
OCT10 PRU	01 18 25.4 Samoa 14.34 S 175.59 W, 33km, m 4.5 ISC

KHC	eiPKP 01 37 59.8, D 144.5
OCT10	PRU e 05 13 41 KHC ei 05 13 44.5
OCT10	15 05 35.4 New Britain 6.04 S 148.55 E, 52km, m 5.4 ISC
PRU	ePKIKP 15 24 40, eiPKKP 34 39, eL 16 05, Lm 14.5 (LN: 22s 1.8u), (M 5.9), D 121.7
KHC	eiPKIKP 15 24 40.5, ei 25 01, ePKKP 34 35.5, D 122.7
OCT11	03 02 36 Dodecanese Isl. 36.54 N 25.87 E, 33km ISC
KHC	eP 03 06 14 (1.4s 13mu), m 3.9, D 15.5
PRU	eP 03 06 19 (1.2s 15mu), m 4.0, D 15.8
OCT11	PRU eiPg 07 07 57.5, eiSg 08 24.5, (D 2.1) KHC e 07 08 11, eiSg 08 45.6
OCT11	PRU ePg 08 12 04, eiSg 12 21, (D 1.3)
OCT11	PRU eiPg 12 57 05.7, eiSg 57 25.7, (D 1.5) KHC ePg 12 57 15, eiSg 57 40, (D 1.9)
OCT11	15 20 Explosion of 12.4 Tons: Czechoslovakia 50.58 N 14.05E PRU
PRU	eiPg 15 20 22, ei 20 24.7, ei 20 30.5, D 0.67
PRA	e 15 20 37, D 0.57
KHC	ePg 15 20 37.5, eiSg 20 57, D 1.5
OCT11	16 03 Explosion of 5 Tons: Czechoslovakia 49.82 N 12.62 E PRU
KHC	eiPg 16 03 25.3, eiSg 03 37, D 0.93
PRU	iPg 16 03 30.5, iSg 03 46.5, D 1.3
OCT11	17 11 44.2 Kermadec Isl. 30.57 S 177.93 W, 99km, m 4.8 ISC
KHC	eiPKIKP 17 31 31.6, eiPKP2 32 10, D 159.3
PRU	e 17 31 48, eiPKP2 32 05, D 158.5
OCT12	PRU eiPn 08 04 47.5, iPg 04 50, eiSg 05 14.5, (D 1.8)
OCT12	08 00 09 Philippines 18.94 N 120.45 E, 52km, m 4.9 ISC
PRU	eP 08 12 42, D 85.5
OCT12	KHC eiPg 12 25 42, eiSg 26 06.5, (D 1.8)

OCT12	12 14 33.2 Ryukyu Isl. 29.30 N 129.34 E, 27km, m 5.0 ISC
PRU	eP 12 26 56, D 82.2
OCT12	PRU eiPg 13 47 04.5, eiSg 47 35.5, (D 2.4)
OCT12	19 06 27 N. India 31.6 N 76.1 E, 160km ISC
PRU	eP 19 15 08.5, D 48.7
OCT12	19 19 30.1 Venezuela 10.78 N 62.55 W, 103km, m 4.7 ISC
PRU	eP 19 30 55, D 73.5
OCT12	19 17 39.7 W. of Tonga 20.79 S 178.68 W, 597km, m 5.6 ISC
PRU	eiPKIKPD. 19 36 16, iPKHKP 36 22.0, iPKP2 39 29.0, eipPKP 38 41, D 149.0
KHC	eiPKIKPD. 19 36 18.5, iPKHKP 36 24.2, ei 37 29.5, D 150.1
PRA	iPKHKPD. 19 36 22.4 (PV: 2s 1.2u), D 149.0
OCT12	20 26 25.6 Tonga 17.14S 174.79 W, 199km, m 4.0 ISC
PRU	eiPKP 20 45 44.5, D 146.4
KHC	eiPKP 20 45 47, D 147.4
OCT12	23 20 19.5 Hindu Kush 36.47 N 70.66 E, 200km, m 5.2 ISC
PRU	eP 23 27 53, eiPP 29 34, D 42.1
PRA	eP 23 27 55, D 42.2
KHC	eiP 23 27 58, eiPP 29 43.8, D 42.8
OCT12	23 21 34.1 Venezuela 10.81 N 62.63 W, 97km, m 4.9 ISC
KHC	eiP 23 32 55, D 72.9
PRU	eP 23 32 59, eiPcP 33 14, D 73.6
OCT13	10 23 48.0 Japan 41.57 N 142.70 E, 37km, m 4.6 ISC
PRU	eP 10 35 46, D 78.1
KHC	eiP 10 35 52, D 79.2
OCT13	PRU iPg 12 41 44.5, i 41 47, iSg 42 03.5, (D 1.5) KHC eiPg 12 41 45.2, iSg 42 04, (D 1.5)
OCT13	19 50 51.9 W. of Tonga 19.85 S 177.60 W, 338km, m 4.2 ISC
PRU	eiPKIKPD. 20 09 57.5, D 148.4
KHC	ePKIKP 20 10 00, D 149.4

OCT14	00 37 06.2 Tonga 19.64 S 173.82 W, 44km, m 4.5 ISC
PRU KHC	ePKHKP 00 56 53, D 149.0 eiPKHKP 00 56 56.2, D 150.0
OCT14	02 58 51.8 W. Australia 31.54 S 117.00 E, 18km, m 5.9 ISC
PRU KHC PRA	ePKIKP 03 17 43, ei 17 48, eiPP 19 23.5, eiSKS 24 44, eiSKKS 26 16, eiPS 29 14, eSS 35 52, eL 55, Lm 04 06 (LH: 28s 9.4u), M 6.3, D 121.1 eiPKIKP 03 17 44.6, i 17 50.5, eiPP 19 21, D 121.5 ePKIKP 03 17 48, ePP 19 20, eSKKS 26 15, ePS 29 10, Lm 04 07 (LH: 23s 21u, LV 25s 13.3u), M 6.7, D 121.1
OCT14	05 22 44.8 Andaman Isl. 12.83 N 95.09 E, 23km, m 5.1 ISC
PRU KHC PRA	eP 05 34 21, ei 34 24, ei 34 54, D 74.2 eiP 05 34 24.5, i 34 32, D 74.9 eP 05 34 25, D 74.2
OCT14	09 11 26.0 Japan 38.38 N 142.22 E, 47km, m 5.2 ISC
PRU PRA KHC	eiP 09 23 36 (1.6s 62mu), eipP 23 48, e 24 11, Lm 10 02 (LN: 20s 1.1u), m 5.4, (M 5.2), D 80.7 eP 09 23 37, D 80.7 eiP 09 23 41 (1.0s 38mu), eipP 23 54, m 5.5, D 81.7
OCT14	KHC eiPg 12 20 17.5, eiSg 20 24, (D 0.50) PRU iPg 12 20 28.6, eiSg 20 43.6, (D 1.2)
OCT14	PRU ePg 16 14 18, eiSg 14 34.5, (D 1.3) KHC e 16 14 27, eiSg 14 38
OCT14	16 33 49 N. Italy 47.0 N 10.7 E, 0km ISC
KHC PRU	eiPn 16 34 36.6, eiSn 35 04.5, D 2.9 eSn 16 35 15, eiSg 35 37.5, D 3.9
OCT14	17 32 36 Taiwan 24.15 N 121.64 E, 24km, m 4.8 ISC
KHC PRU	eiP 17 45 06, D 83.1 e 17 45 13, D 82.1
OCT15	02 10 34 S. Sumatra 0.54 S 100.65 E, 100km, m 5.5 ISC
PRU PRA KHC	iPC. 02 23 15.0 (1.0s 80mu), e 24 48, e 26 27, m 5.8, D 87.9 eP 02 23 16, D 88.0 eiPC. 02 23 17.6 (0.8s 54.0mu), m 5.7, D 88.5
OCT15	19 18 50 Austria 47.35 N 11.1 E VIE
KHC	ePg 19 19 37, eiSg 20 04.5, D 2.4

PRU	e 19 20 37, eiSg 20 41, D 3.5
OCT15	20 09 08.7 Philippines 8.94 N 126.28 E, 67km, m 5.3 ISC
PRU KHC	eP 20 22 34, epP 22 51, Lm 21 03 (LN: 24a 1u), (M 5.4), D 96.8 eiP 20 22 37, D 97.7
OCT16	01 12 23.1 N. Atlantic Ridge 22.38 N 45.07 W, 33km, m 4.4 ISC
KHC	eP 01 21 39, D 52.7
OCT16	01 55 29 Dominican Rep. 19.20 N 69.87 W, 6km, m 5.0 ISC
KHC PRU	eiP 02 06 55, ei 07 10.4, D 71.5 eP 02 06 57, ei 07 04.5, D 72.0
OCT16	07 45 49.9 Ryukyu Isl. 29.17 N 129.49 E, 37km, m 5.5 ISC
PRU PRA KHC	eiP 07 58 09.5 (1.7s 47mu), eL 08 29, Lm 32.7 (LH: 16s 3u), m 5.3, M 5.8, D 82.4 eP 07 58 11, Lm 08 33 (LH: 16s 5.8u), M 6.0, D 82.4 eiP 07 58 14.7 (1.2s 38mu), m 5.5, D 83.4
OCT16	PRU eiPg 12 04 58, eiSg 05 15.5, (D 1.4)
OCT16	PRU e 12 44 43, ei 45 12 KHC e 12 44 48, ei 45 06.5
OCT16	PRU e 14 17 57, eSg 18 20 KHC ePg 14 18 09.5, eiSg 18 33, (D 1.3)
OCT16	15 27 33.1 W. Persia 32.64 N 48.93 E, 68km ISC
KHC	eP 15 33 45.5, D 31.0
OCT17	KHC eP 07 10 51, ei 11 07 PRU eiP 07 10 58 (1.0s 15mu)
OCT17	13 28 24.0 Japan 39.40 N 141.98 E, 63km, m 4.5 ISC
PRU KHC	eP 13 40 27, D 79.7 eiP 13 40 32.5, D 80.8
OCT17	PRU ePg 14 24 42, ei 25 04.5, eiSg 25 14, (D 2.4) KHC e 14 24 46, eiSg 25 20
OCT17	23 56 04 Greece 38.21 N 20.17 E, 17km, m 4.5 ISC
KHC	eiP 23 58 57, ei 59 19.5, D 11.9

PRU	eiP 23 59 01, ei 59 28, e 00 02 20, D 12.5
OCT18	05 54 07.8 Taiwan 24.88 N 122.36 E, 62km, m 5.0 ISC
PRU KHC	eP 06 06 23, D 82.0 eiP 06 06 27.5, D 82.9
OCT18	PRU eiPg 06 31 42, eiSg 32 03.5, (D 1.6) KHC e 06 32 23, eiSg 32 33
OCT18	PRU eiPg 09 23 16, eiSg 23 58, (D 3.2)
OCT18	09 57 05.1 Japan 42.06 N 142.50 E, 69km, m 4.8 ISC
PRU KHC	eiP 10 08 56 (0.9s 14mu), eipP 09 15.5, m 4.9, D 77.6 eiP 10 09 02 (0.7s 16mu), eipP 09 21, m 5.1, D 78.7
OCT18	PRU ePg 12 00 49, eiSg 00 58, (D 0.69) KHC eiPg 12 01 04, eiSg 01 25.5, (D 1.6)
OCT18	Explosion?
PRU PRA KHC	iPg 12 57 19.5, iSg 57 21.5, (D 0.15) ei 12 57 23.0 eiPg 12 57 38.2, eiSg 57 53, (D 1.1)
OCT18	Explosion?
PRU KHC	iPg 15 59 05, eiSg 59 06, (D 0.01) ePg 15 59 25, eiSg 59 41, (D 1.2)
OCT18	18 53 11 Andaman Isl. 12.5 N 95.2 E, 9km, m 4.6 ISC
PRU KHC	eP 19 04 51, D 74.5 eiP 19 04 54.5, D 75.2
OCT18	23 16 07 Loyalty Isl. 22.7 S 170.4 E, 0km ISC
PRU KHC	ePKP 23 35 50, D 146.8 ePKP 23 35 53.3, D 147.9
OCT19	02 33 28.0 Tadzhikistan 37.42 N 73.11 E, 42km, m 5.0 ISC
PRU KHC PRA	eP 02 41 26.5 (1.0s 18mu), ei 41 31.5, ei 42 13.5, m 4.8, D 43.1 eiP 02 41 31.7 (1.0s 17mu), eipP 41 45, m 4.8, D 43.8 Lm 02 59 (LH: 10s 0.9u), M 5.0, D 43.1
OCT19	07 01 32.4 Tadzhikistan 37.38 N 73.25 E, 39km, m 5.1 ISC
PRU	eiP 07 09 31 (1.0s 23mu), ePP 11 16, eL 14, Lm 18 (LN: 16s

KHC PRA	0.7u), m 4.9, (M 4.6), D 43.2 eiP 07 09 36.6 (1.0s 14mu), m 4.7, D 43.9 Lm 07 27 (LH: 13.5s 1.4u), M 5.0, D 43.2
OCT19	08 50 42.1 Germany 48.08 N 8.32 E, lkm STU
KHC PRU	ePn 08 51 40, eiPg 51 50, eiSg 52 37.8, D 3.6 eiSg 08 53 05.5, D 4.5
OCT19	09 36 Explosion of 7.8 Tons: Czechoslovakia 50.18 N 14.40 E PRU
PRU KHC	iPg 09 36 55.2, eiSg 36 58.2, D 0.21 eiPg 09 37 13, eiSg 37 29.8, D 1.2
OCT19	09 52 04.5 Tadzhikistan 37.46 N 73.27 E, 41km, m 5.2 ISC
PRU PRA KHC	eiP 10 00 02.3, ei 00 05.5, eiPP 01 47, eL 14.5, Lm 18.5 (LN: 16s 1.1u), (M 4.8), D 43.2 eP 10 00 05, ePP 01 50, Lm 19.5 (LH: 10s 1.6u, LV: 10s 1.5u), M 5.2, D 43.3 eiP 10 00 08.6, eiPP 01 55, D 43.9
OCT19	15 34 54 Crete 35.24 N 23.40 E, 6km, m 4.8 ISC
KHC PRU PRA	eiP 15 38 40 (1.0s 22mu), i 38 44.2, m 4.2, D 15.7 eP 15 38 41, ei 38 50, eL 44, Lm 46.5 (LN: 9s 0.8u), (M 4.3), D 16.1 eP 15 38 46, Lm 46.5 (LH: 10s 2.0u, LV: 10s 1.4u), M 4.6, D 16.2
OCT19	17 28 40 Tonga 15.17 S 173.15 W, 6km, m 5.2 ISC
PRU PRA KHC	eiPKP 17 48 18, ei 48 27, ei 49 29, D 144.7 ePKP 17 48 19, D 144.7 eiPKP 17 48 21.4, i 48 31.1, ei 49 10.2, D 145.7
OCT19	19 16 46.4 Japan 41.93 N 142.84 E, 62km, m 4.9 ISC
PRU KHC	eiP 19 28 39.5, D 77.9 eiP 19 28 45.5 (0.8s 16mu), m 5.0, D 78.9
OCT19	22 49 58 Yugoslavia 45.0 N 16.8 E, 0km ISC
KHC PRU	ePn 22 51 09, eiSn 52 03, D 4.7 e 22 51 25, eiPg 51 39, ei 52 27, eiSg 52 51, D 5.2
OCT20	07 08 20 Taiwan 24.91 N 122.47 E, 22km, m 5.3 ISC
PRU PRA KHC	eiP 07 20 41 (1.7s 88mu), ei 21 18.5, eL 49, Lm 55 (LN: 14s 4u), m 5.6, (M 6.0), D 82.0 eP 07 20 44, Lm 55 (LH: 14s 11u, LV: 16s 2.3u), M 6.3, D 82.0 eiP 07 20 46 (2.0s 116mu), ei 23 39, m 5.8, D 83.0

OCT20	12 21 56.8 Japan 40.44 N 143.7 E, 100km, m 4.7 ISC
PRU	eiP 12 33 57, eiPcP 34 08, eL 13 06, Lm 15 (LN: 16s 1.8u, LV: 16s 3u), (M 5.8), D 79.5
KHC	eiP 12 34 02.4 (1.5s 23mu), m 4.8, D 80.6
PRA	Lm 13 15.2 (LH: 13.5s 4.5u, LV: 14s 5.5u), M 6.2, D 79.5
OCT20	17 03 59.1 Tristan da Cunha 35.42 S 15.96 W, 33km, m 4.8 ISC
PRU	eiP 17 17 01, D 89.2
KHC	eiPP 17 20 12.5, D 88.2
OCT20	23 15 04.0 Rumania 45.81 N 26.59 E, 120km, m 4.6 ISC
PRU	eiP 23 17 13.2 (1.5s 63mu), ei 18 06.5, m 5.1, D 9.1
PRA	eP 23 17 15, D 9.2
KHC	eiPD. 23 17 19 (1.1s 86mu), ei 19 56, m 5.4, D 9.4
OCT21	00 28 42.4 W. of Tonga 19.21 S 177.61 W, 557km, m 3.8 ISC
PRU	eiPKHKP 00 47 25.5, D 147.8
KHC	eiPKHKPC. 00 47 28.5, D 148.8
OCT21	01 01 59.7 Hungary 46.98 N 17.50 E, 0km ISC
KHC	eiPn 01 02 56, ei 03 26.7, eiSg 03 52, (D 3.4)
PRU	eiPn 01 02 56.5, ei 03 04.5, eiSn 03 44, eSg 04 01, D 3.6
OCT21	PRU ePg 11 36 16, eiSg 36 20.5, (D 0.35) KHC ePg 11 36 27, eiSg 36 43.5, (D 1.3)
OCT21	PRU iPg 12 09 32.5, iSg 09 34.5, (D 0.15) KHC eiPgl2 09 49, eiSg 10 04.5, (D 1.2)
OCT21	PRU eiPg 12 43 22, eiSg 43 46, (D 1.8) KHC ePg 12 43 24.5, eiSg 43 50.5, (D 2.0)
OCT21	PRU ePg 13 47 11, ei 47 22, eiSg 47 25, (D 1.1) KHC e 13 47 21, eiSg 47 41
OCT21	14 03 37.8 N. Colombia 6.54 N 76.54 W, 25km, m 4.7 ISC
KHC	eiP 14 16 15.2 (1.0s 16mu), m 5.2, D 85.2
PRU	eiPC. 14 16 17.5 (1.0s 15mu), m 5.1, D 85.7
OCT21	18 16 41 Crete 35.25 N 23.35 E, 1km, m 4.8 ISC
KHC	eiP 18 20 24.5 (1.4s 25mu), ei 20 44.8, m 4.2, D 15.6
PRU	eP 18 20 31 (1.0s 23mu), ei 20 41.5, m 4.3, D 16.1
PRA	Lm 18 28.5, D 16.1
OCT21	22 25 21.0 W. Caucasus 41.71 N 44.49 E, 33km ISC

KHC	eP 22 30 23, D 22.8
OCT21	23 13 37.2 Flores Sea 7.79 S 120.39 E, 33km, m 4.7 ISC
KHC	ei 23 27 28.5, D 106.8
OCT22	02 28 58 Crete 35.0 N 23.4 E, 0km ISC
KHC	eP 02 32 45, D 15.9
OCT22	07 23 18.0 Yugoslavia 43.50 N 17.04 E, 0km, m 4.3 ISC
KHC	eiPn 07 24 53.8, eiPg 25 19.6, eiSn 26 03, ei 26 21, D 6.1
PRU	ePn 07 25 02.5, eiPg 25 27, ei 25 54, eiSn 26 09, ei 26 31, D 6.7
PRA	e 07 27 12, D 6.7
OCT22	PRU iPg 13 11 50.5, i 12 02, ei 12 05 KHC eiPg 13 11 59, eiSg 12 16, (D 1.3)
OCT22	PRU eiPg 13 39 26, eiSg 39 47, (D 1.6)
OCT22	KHC ePg 16 22 25, eiSg 22 42.5 (D 1.3)
OCT22	19 13 33.1 W. of Tonga 18.10 S 177.91 W, 621km ISC
PRU	ePKP 19 32 07.8, D 146.7
KHC	eiPKP 19 32 11.2, D 147.7
OCT23	01 53 59.4 W. of Macquarie Isl. 53.90 S 140.4 E, 33km, M 4.8 ISC
PRU	ePKIKP 02 13 38, ei 13 41.6, D 147.1
KHC	eiPKIKP 02 13 39, ei 14 42.2, D 147.2
OCT23	KHC eiPg 08 19 54, ei 20 02, eiSg 20 17.5, (D 1.8)
OCT23	KHC eiPg 12 00 19.6, eiSg 00 52, (D 2.6) PRU e 12 00 22, ei 00 45, eiSg 00 56.5
OCT23	KHC ei 12 30 05, eiSg 30 13 PRU ePg 12 30 15, ei 30 30.5, eiSg 30 33.5, (D 1.4)
OCT23	21 04 42.9 N. of New Guinea 3.38 S 143.29 E, 21km, m 6.2 ISC
PRU	eP 21 19 48, ePKIKP 23 26, ei 23 32.5, ei 23 44.5, eiPP 24 36, e 29 34, e 33 04, eiPKKP 33 38.5, ePS 34 01, eiPPS 35 36, eSS 41.0, eSSS 45 01, eL 22 00, Lm 14.8 (LH: 21s 37u, LV: 21s 47u), M 7.0, D 116.6

KHC PRA	eP 21 19 53, eiPKIKP 23 31, eiPP 24 41, ei 33 06.5, eiPKKP 33 44.2, D 117.6 ePKP 21 23 30, ePP 24 38, e 29 33, e(PS) 34 31, Lm 22 15.5 (LH: 20s 90u, LV: 19s 103u), M 7.4, D 116.6
OCT24 PRU PRA KHC	00 42 23 Philippines 7.21 N 126.64 E, 82km, m 5.3 ISC eiP 00 55 53 (1.5s 31mu), ei 56 10.5, m 5.6, D 98.4 eP 00 55 55, e 56 13, D 98.4 eP 00 55 57, D 99.3
OCT24 PRU KHC	02 02 25 N. of New Guinea 3.43 S 143.42 E, 25km, m 5.5 ISC ePKIKP 02 21 09, D 116.7 eiPKIKP 02 21 11.5, D 117.7
OCT24 PRU KHC	04 15 17.3 N. Sumatra 0.44 N 99.70 E, 33km ISC eP 04 27 58, D 86.6 eP 04 28 01, D 87.1
OCT24 KHC PRU	05 07 58.4 Prince Edward Isl. 45.4 S 35.4 E, 33km, m 5.3 ISC eiPP 05 25 14.4, D 96.1 ePP 05 25 28, D 96.7
OCT24 PRU KHC	09 59 Explosion of 13.2 Tons: Czechoslovakia 50.6 N 13.6 E PRU iPg 09 59 34.5, i 59 36.5, i 59 48.5, D 0.86 eiPg 09 59 46, eiSg 10 00 04.7, D 1.5
OCT24	KHC eiPg 12 30 36, eiSg 30 42.2, (D 0.47) PRU ePg 12 30 48, eiSg 31 03.5, (D 1.2)
OCT24	PRU eiPg 13 25 09.5, eiSg 25 31, (D 1.5)
OCT24	PRU iPg 13 52 15.5, eiSg 52 47, (D 2.4)
OCT24 PRU KHC	13 59 Explosion of 3.4 Tons: Czechoslovakia 50.48 N 13.95E PRU ePg 13 59 07, ei 59 15.5, ei 59 34, D 0.62 eiPg 13 59 21, eiSg 59 41, D 1.4
OCT24 PRU	13 58 32 Molucca Passage 1.50 N 126.39 E, 25km, m 5.3 ISC eP 14 12 34.5, D 102.7
OCT24 PRU	15 51 16 Philippines 6.06 N 126.97E, 44km, m 5.5 ISC eP 16 04 56, ei 05 06, eiPP 09 02, ei 11 08, ei 18 52, eL 39,

PRA KHC	Lm 59 (LH: 17s 2.3u, LV: 17s 3.3u), M 5.7, D 99.5 eP 16 04 56 (PV: 7s 1.0u), ePP 09 04, Lm 58.6 (LH: 16.5s 9.6u, LV: 17s 10.1u), M 6.4, MPV 6.5, D 99.5 eiP 16 05 02, ei 05 11.5, ei 06 42.2, ei 08 20, D 100.4
OCT24 PRU KHC	21 44 47.6 Japan 33.17 N 142.0 E, 38km, m 5.0 ISC eiP 21 57 21, D 85.1 eiP 21 57 26.5 (1.4s 21mu), m 5.1, D 86.1
OCT24 PRU KHC	22 35 54.0 Kurile Isl. 49.63 N 155.86 E, 62km, m 5.5 ISC eiP 22 47 32.5 (1.0s 30mu), ei 48 12, m 5.2, D 75.4 eiP 22 47 38.5, D 76.4
OCT25 KHC PRU	09 54 Explosion of 10.8 Tons: Czechoslovakia 49.02 N 14.00E PRU eiPg 09 54 44.3, iSg 54 49.0, D 0.30 iPg 09 54 57, eiSg 55 16, D 1.0
OCT25 PRU KHC	Explosion? eiPg 10 01 30.5, eiSg 01 50.5, (D 1.5) eiPg 10 01 46, eiSg 02 20, (D 2.7)
OCT25	KHC ePg 10 35 06.5, eiSg 35 24, (D 1.3)
OCT25 PRU	10 13 30 S. of Fiji 19.97 S 179.72 E, 505km, m 4.1 ISC ePKP 10 32 18.5, D 147.8
OCT25 PRU KHC	10 29 26 N. Sumatra 4.30 N 95.46 E, 51km, m 5.4 ISC eP 10 41 36, epP 41 52, D 80.9 eP 10 41 39, eisP 41 59, D 81.5
OCT25 KHC PRU	KHC ePg 10 44 11, eiSg 44 37, (D 2.0) PRU eiPg 10 44 24.5, eiSg 44 55.5, (D 2.4)
OCT25 KHC PRU	11 38 14.9 Aleutian Isl. 50.57 N 177.46 E, 23km, m 5.0 ISC ei(P) 11 50 12.5 (1.0s 30mu), eiPcP 50 23.2, m 5.2, D 79.7 eiP 11 50 17 (1.0s 18mu), m 5.2, D 78.8
OCT25	PRU eiPg 12 55 20.5, eiSg 55 46.5, (D 2.0)
OCT25 KHC PRU	13 57 23 Aleutian Isl. 52.31N 169.61 W, 6km, m 4.5 ISC e(P) 14 09 19 (1.5s 32mu), eiPcP 09 28.5, m 5.1, D 78.9 eP 14 09 23, D 78.0

OCT25	14 14 48.3 Tonga 19.2 S 172.4 W, 33km, m 4.6 ISC
KHC	eiPKHKP 14 34 36, D 149.8
PRU	ePKHKP 14 34 37, D 148.8
OCT25	Explosion?
PRU	iPgC. 14 47 24.5, iSg 47 26, (D 0.12)
KHC	ePg 14 47 43, eiSg 48 00.5, (D 1.3)
OCT25	21 59 56.5 Poland 50.35 N 18.82 E, m 2.6 WAR
KHC	e 22 01 36.5, eiSg 01 50, D 3.6
OCT25	23 50 27.7 Poland 50.27 N 18.92 E, m 2.8 WAR
PRU	eSg 23 51 58, D 2.8
KHC	eiSg 23 52 25, D 3.7
OCT26	PRU eiPg 08 21 35, eiSg 21 51, (D 1.2)
OCT26	15 56 28.3 Japan 42.86 N 145.38 E, 52km, m 5.2 ISC
PRU	eiPC. 16 08 23 (1.0s 45mu), eiPcP 08 35, ei 08 40, m 5.4, D 78.0
PRA	eP 16 08 24, D 78.0
KHC	eiPC. 16 08 29.5 (1.0s 50mu), eiPcP 08 41.2, ei 08 46.6, m 5.4, D 79.1
OCT26	19 16 50.3 Aleutian Isl. 52.39 N 169.59 W, 37km, m 4.6 ISC
PRU	eP 19 28 46.5, D 77.9
KHC	eiP 19 28 52.4 (1.6s 36mu), m 5.1, D 78.8
OCT26	22 57 01 Ryukyu Isl. 24.8 N 127.6 E, 19km, m 4.7 ISC
PRU	eP 23 09 36, D 84.9
KHC	eP 23 09 41, D 85.9
OCT27	00 19 28 N. of Colombia 11.73 N 72.46 W, 47km, m 4.4 ISC
PRU	eiP 00 30 35, ei 31 33, D 79.2
KHC	eiP 00 30 37.8, ei 31 30.5, ei 32 02.5, D 78.7
OCT27	12 15 55.7 W. of Tonga 20.59 S 177.83 W, 484km, m 4.3 ISC
PRU	eiPKHKP 12 34 49, D 149.1
KHC	eiPKHKP 12 34 51.5, D 150.1
OCT27	13 42 26.2 Philippines 5.91 N 125.59 E, 194km, m 5.0 ISC

PRU	eP 13 55 45, D 98.8
OCT27	17 44 59.5 Fiji Isl. 14.78 S 177.75 W, 352km, m 4.0 ISC
KHC	ePKP 18 03 56, D 144.5
OCT27	20 38 37.3 Japan 40.52 N 143.68 E, 38km, m 4.3 ISC
PRU	eiP 20 50 42, D 79.4
KHC	eiP 20 50 48, D 80.5
OCT27	20 52 22 Loyalty Isl. 22.14 S 171.0 E, 72km, m 4.5 ISC
PRU	ePKIKP 21 11 56, D 146.6
KHC	ePKIKP 21 11 56, eiPKP2 12 09.5, D 147.7
OCT27	22 06 27 Dodecanese Isl. 36.2 N 27.1 E, 0km ISC
KHC	eP 22 10 14, D 16.3
OCT28	KHC ePg 10 43 50, eiSg 44 16, (D 2.0)
PRU	e 10 44 05, e 44 36, eiSg 44 42
OCT28	PRU ePg 11 58 39, eiSg 58 57, (D 1.4)
OCT28	PRU iPg 12 15 14.5, iSg 15 31, (D 1.2)
OCT28	12 54 30 Aegean Sea 38.89 N 25.82 E, 4km, m 4.5 ISC
KHC	eiPC. 12 57 43.6, ei 58 35.8, D 13.5
PRU	eP 12 57 45, e 57 52.5, e 58 34, Lm 13 03.2 (LH: 10s 1u), M 4.2, D 13.7
PRA	Lm 13 03.3 (LH: 10.5s 1.8u, LV: 11s 1.0u), M 4.4, D 13.7
OCT28	14 40 41.5 Japan 33.46 N 140.88 E, 60km, m 5.4 ISC
PRU	eiPC. 14 53 08 (1.2s 61mu), eipP 53 25.5, eiPP 56 23, e 56 38, m 5.5, D 84.3
PRA	eP 14 53 09, epP 53 27, D 84.3
KHC	iPC. 14 53 13.8 (1.1s 47mu), m 5.4, D 85.4
OCT28	PRU ePg 14 58 42, eiSg 58 57, (D 1.1)
OCT28	15 40 29.8 Poland 50.29 N 19.16 E, m 2.7 WAR
PRU	eSg 15 42 01, D 3.0
KHC	eSg 15 42 25, D 3.8
OCT28	17 48 30.1 Nepal 27.57 N 86.03 E, 37km, m 4.9 ISC

PRU KHC	eP 17 58 20, D 57.8 eP 17 58 25.5 (1.0s 8mu), m 4.7, D 58.5
OCT28	23 32 27.7 Santa Cruz Isl. 12.41 S 166.43 E, 49km, m 5.9 ISC
PRU KHC PRU	ePKHKP 23 51 34, eiPKIKP 51 45, ei 52 00, eiPP 54 19, ei 55 17, e 00 12.9, eL 35, Lm 51 (LN: 22s 2.8u), (M 5.9), D 136.0 eiPKHKP 23 51 38, iPKIKP 51 48.6, i 52 02.2, eiPP 54 28, eiPKS 55 18.6, D 137.1 eiPKIKP 23 51 46.0 (PV: 6s 2.3u), eiPP 54 26.5, ePKS 55 15, Lm 00 50 (LH: 24.5s 13u, LV: 25s 13.3u), M 6.5, D 136.0
OCT29	02 57 17 N. Italy 46.9 N 10.5 E, 0km ISC
KHC PRU	e 02 58 02, eiPg 58 06.5, eiSg 58 41, D 3.1 ePg 02 58 25.5, ei 59 11, eiSg 59 15.5, D 4.1
OCT29	03 03 10.2 W. of Tonga 20.16 S 177.86 W, 461km, m 4.4 ISC
KHC PRU PRA	ePKIKP 03 22 02, ei 22 07, D 149.5 eiPKHKPD. 03 22 03.7 (1.0s 24mu), D 148.6 ePKHKP 03 22 06, D 148.6
OCT29	04 06 06.6 Japan 31.22 N 141.71 E, 35km, m 5.6 ISC
PRU PRA KHC	eiPD. 04 18 47.5 (1.5s 72mu), ei 19 25, eiPP 22 09, m 5.7, D 86.6 eP 04 18 48, ePP 22 10, D 86.6 eiPD. 04 18 53.2 (1.2s 45mu), eiPP 22 18, m 5.7, D 87.6
OCT29	06 26 50 Japan 31.15 N 141.71 E, 25km, m 5.0 ISC
PRU KHC	eP 06 39 32, D 86.6 eiP 06 39 38 (1.3s 18mu), m 5.2, D 87.7
OCT29	06 45 16.1 Japan 31.18 N 141.60 E, 41km, m 5.2 ISC
PRU KHC	eP 06 57 57 (1.2s 18mu), ePP 07 01 19, m 5.3, D 86.6 eiP 06 58 02 (1.0s 16mu), eiPP 07 01 26, m 5.3, D 87.6
OCT29	07 21 15.5 W. of Tonga 17.83 S 178.70 W, 551km, m 5.3 ISC
PRU KHC PRA	eiPKIKP 07 39 52.6, iPKHKPC. 39 55.0, ei 40 12, eipPKP 42 03, D 146.2 eiPKIKPC. 07 39 54.3, iPKHKP 39 58.4, ei 40 56, D 147.2 ePKHKP 07 39 55, D 146.2
OCT29	11 26 52.1 Tonga 22.63 S 174.96 W, 33km, m 5.1 ISC
PRU KHC	eiPKHKP 11 46 44, D 151.7 eiPKHKP 11 46 46.4, ei 46 49, D 152.7

OCT29	11 39 20.4 Tonga 22.57 S 174.84 W, 33km, m 5.1 ISC
PRU KHC	ePKHKP 11 59 12.7, eiPKP2 59 20, D 151.7 eiPKHKP 11 59 15.8, eiPKP2 59 22, D 152.7
OCT29	22 16 16.5 Alaska 65.46 N 150.07 W, 7km, m 6.0 ISC
PRU PRA KHC	eiP1D. 22 26 52.5 (1.7s 59mu), iP2 26 56.5 (2.5s 1067mu), ei 27 21, ei 28 23, ePS 35 52, eL 50, ePKPKP 55 43, e 56 02, Lm 58 (LH: 20s 6.3u, LV: 20s 7u), m15.5, m2 6.6, M 5.8, D 64.3. Multiple P. eiPD. 22 26 57.2 (PV: 3s 3.3u), ePcP 27 20, e 29 44, e 30 33, eS 35 36, eScS 36 32, e 40 20, Lm 00 01.2 (LH: 16.5s 18.6u, LV: 17s 8.8u), M 6.4, MPV 6.9, D 64.2 eiPD. 22 26 58.4 (1.2s 57mu), i 27 36.8, ei 29 31.2, eiPKPKP 55 38, m 5.7, D 65.0
OCT30	04 07 25.7 Tadzhikistan 37.33 N 73.14 E, 55km, m 5.1 ISC
PRU KHC	eiP 04 15 23, D 43.2 eiP 04 15 29.6 (1.0s 11mu), ei 17 10.5, m 4.6, D 43.9
OCT30	09 42 14.1 Kermadec Isl. 31.15 S 179.83 W, 362km, m 4.7 ISC
KHC PRU PRA	eiPKIKP 10 01 29.5, eiPKP2 02 10, D 159.4 iPKP2C. 10 02 05.2, D 158.3 ePKP2 10 02 06, D 158.3
OCT30	11 41 57.3 Straits of Gibraltar 35.19 N 3.76 W, 34km, m 4.7 ISC
KHC PRU	eiP 11 46 17 (1.0s 19mu), m 4.3, D 18.9 eP 11 46 27, e 46 40, Lm 53.7 (LN: 13s 0.6u), (M 4.1), D 19.9
OCT30	Probably explosion.
PRU KHC	iPg 11 48 05.3, iSg 48 16.3, (D 0.86) ePg 11 48 14, eiSg 48 30.6, (D 1.3)
OCT30	16 51 35.2 Turkey 37.99 N 38.56 E, 3km, m 5.0 ISC
PRU KHC PRA	eP 16 56 19 (1.7s 235mu), i 56 20.7, ei 59 31, eS 17 00 16, ei 00 54, eL 03.5, Lm 05.9 (LN: 16s 1.5u), m 5.2, (M 4.5), D 20.9 eiP 16 56 21.5 (1.5s 241mu), ei 56 24.5, m 5.3, D 21.2 eP 16 56 23, e 57 46, eS 07 00 17, Lm 06.6 (LH: 11s 3.0u, LV: 10s 2.3u), M 4.9, D 21.0
OCT30	PRU e 18 26 56 KHC e 18 26 59
OCT31	00 25 45.7 Alaska 65.47 N 149.94 W, 16km, m 4.6 ISC
KHC	eiP 00 36 37, D 65.0

OCT31	03 22 14 Dodecanese Isl. 36.62 N 27.01 E, 2km, m 5.0 ISC
KHC	eiP 03 26 00 (2.0s 433mu), i 26 02.8, ei 28 08, ei 29 13, m 5.2, D 15.9
PRU	eiP 03 26 02 (3.0s 200mu), ei 27 37, e 29 20, eL 31, Lm 33.5 (LH: 12s 3.3u, LV: 12s 4.3u), m 4.7, M 4.7, D 16.1
PRA	eP 03 26 09, e 29 20, Lm 33.8 (LH: 9.5s 9.2u, LV: 10s 7.1u), M 5.3, D 16.2
OCT31	09 06 31 Molucca Passage 1.20 N 126.34 E, 1km, m 6.1 ISC
PRU	eiP 09 20 33.5 (2.0s 105mu), ei 20 46.7, e 24 02, eiPP 24 49.3, eS 32 18, eL 10 00, Lm 07.5 (LN: 20s 1.7u), m 6.3, (M 5.6), D 102.9
PRA	eP 09 20 34, Lm 10 17, D 103.0
KHC	eiP 09 20 37.5, ei 21 05.6, eiPP 24 53.5, D 103.8
OCT31	09 15 45.1 Peru 16.38 S 73.44 W, 47km, m 5.7 ISC
PRU	e 09 33 35, ePP 33 43, D 100.3
OCT31	KHC ePg 11 58 46, eiSg 59 05, (D 1.4)
OCT31	PRU eiPg 12 40 29.5, eiSg 40 45.5, (D 1.3) KHC ePg 12 40 32, eiSg 40 50, (D 1.4)
OCT31	PRU eiPg 12 56 20, eiSg 56 36, (D 1.3)
OCT31	PRU iPg 14 00 50.3, iSg 01 12.8, (D 1.6)
OCT31	14 30 59.2 Mona Passage 17.96 N 76.53 W, 45km, m 4.5 ISC
KHC	eiP 14 42 12, D 70.9

NOV01	00 21 43.3 N. of Ascension Isl. 0.90 S 13.36 W, 33km, m 5.0 ISC
KHC	eiP 00 31 13.8 (1.5s 27mu), m 5.0, D 55.0
PRU	eP 00 31 21 (1.6s 39mu), m 5.2, D 56.1
PRA	eP 00 31 23, D 56.1
NOV01	01 32 23 New Zealand 41.53 S 174.97 E, 20km, m 5.2 ISC
PRU	eiPKP2 01 53 17.5 (1.4s 21mu), ei 53 32, D 164.0
KHC	eiPKP2 01 53 21, D 164.9
NOV01	09 29 Explosion of 10 Tons: Czechoslovakia 49.83 N 14.70 E PRU
PRU	iPg 09 29 52.4, iSg 29 55, D 0.19
KHC	ePg 09 30 09, eiSg 30 22, D 1.0
NOV01	13 58 12 Japan 37.27 N 142.24 E, 22km, m 4.6 ISC
PRU	eP 14 10 30, D 81.6
KHC	eP 14 10 35, D 82.7
NOV02	03 18 56.5 Fiji Isl. 16.63 S 175.79 E, 114km, m 4.9 ISC
KHC	ePKP 03 38 21, D 144.5
NOV02	08 29 00 N. Atlantic Ridge 10.78 N 43.57 W, 36km, m 4.8 ISC
KHC	eP 08 39 09, D 60.7
PRU	eP 08 39 16, D 61.5
NOV02	PRU ei 12 03 27.5, eiSg 03 50.3 KHC ePg 12 03 29.5, eiSg 03 55.5, (D 2.0)
NOV03	04 49 33.7 Yugoslavia 42.10 N 19.35 E, 28km, m 5.1 ISC
KHC	eiPC. 04 51 30.7 (1.0s 134.4 mu), i 51 42.5, D 8.1
PRU	eiPC. 04 51 38.3 (PH: 5s 1u, PV: 5s 1u), ei 51 48, ei 52 49, ei 53 01, eiS 53 17, Lm 55.3 (LH: 10s 39u, LV: 10s 14u), M 5.5, D 8.6
PRA	eP 04 51 42, e 51 50, e 53 28, e 53 37, Lm 55.5 (LH: 7s 30u, LV: 7s 30.3u), M 5.4, D 8.7
NOV03	05 16 04.5 Albania 41.71 N 19.0 E, 0km ISC
KHC	ePn 05 18 07, ei 18 12.2, ei 19 50, D 8.3
PRU	eiPn 05 18 12.3, ei 18 21.8, eiSn 19 47, ei 20 10.8, D 8.8
NOV03	KHC e 05 41 17 PRU e 05 41 40, e 42 53, e 43 13
NOV03	06 26 57 Germany 48.6 N 8.7 E, 2km, ISC

KHC PRU	ePn 06 27 51, eiSg 28 41, D 3.3 ePg 06 28 17, eiSg 29 13, D 4.1
NOVO3 PRU KHC	08 04 28 Carlsberg Ridge 6.69 N 60.19 E, 153km, m 4.6 ISC eP 08 14 02, D 57.6 eiP 08 14 02.5, D 57.6
NOVO3 PRU KHC	08 24 11 Carlsberg Ridge 6.60 N 60.25 E, 118km, m 4.8 ISC eP 08 33 50.8, D 57.7 eiP 08 33 51 (1.8s 33mu), m 5.1, D 57.7
NOVO3 PRU KHC	14 53 34 Japan 40.19 N 143.85 E, 15km, m 4.5 ISC eP 15 05 44, D 79.8 eiP 15 05 49.6 (0.9s 8mu), m 4.8, D 80.8
NOVO3 PRU KHC	15 40 14.2 W. of Tonga 20.32 S 177.61 W, 491km, m 4.2 ISC eiPKHKP 15 59 06.8, D 148.9 eiPKHKPC. 15 59 09.3 (1.0s 13mu), D 149.9
NOVO3 KHC PRU PRA	18 40 01.7 Turkey 38.81 N 29.11 E, 23km, m 4.8 ISC eiP 18 43 35.4 (2.0s 75mu), m 4.5, D 15.2 eiP 18 43 37.8, ei 43 47, Lm 51 (LV: 10s 0.7u), D 15.3 Lm 18 51, D 15.3
NOVO3 KHC	18 48 32 Japan 40.21 N 143.3 E, 15km ISC eP 19 00 45, D 80.6
NOVO4 PRU KHC	01 45 52.0 Philippines 13.46 N 120.50 E, 75km, m 5.0 ISC eiP 01 58 44.8, D 89.8 eP 01 58 49.5, D 90.8
NOVO4 PRU KHC	09 02 34 Arabian Sea 12.14 N 57.99 E, 51km, m 5.0 ISC eiP 09 11 37.5, D 51.8 eiP 09 11 38, D 52.0
NOVO4 PRU PRA KHC	09 07 39.6 New Hebrides 14.20 S 172.02 E, 596km, m 5.8 ISC ePKHKP 09 25 56, ei 26 52, eipPKP 28 17.3, eiSKP2 28 44.8, ei 41 12, D 139.9 ePKHKP 09 25 56, epPKP 28 20, eSKP2 28 46, eSKP 28 59, e 31 09, D 139.8 eiPKP 09 25 58.3, i 26 05.0, iSKP2 28 48.1, D 140.9

NOVO4 KHC	PRU e 13 21 03 KHC ePg 13 21 05.5, eiSg 21 27, (D 1.6)
NOVO4 KHC	PRU iPg 13 24 34.3, eiSg 24 51.8, (D 1.4) KHC eiSg 13 24 52
NOVO4 KHC PRU	20 05 59 Dodecanese Isl. 36.44 N 26.98 E, 35km, m 4.6 ISC eiP 20 09 44, ei 10 07, D 16.0 eP 20 09 49, D 16.0
NOVO5 KHC	00 46 23 Ionian Sea 37.8 N 20.1 E, 0km ISC eP 00 49 19, D 12.3
NOVO5 PRU PRA KHC	02 02 44.7 S. Kashmir 32.28 N 76.48 E, 33km, m 4.8 ISC eP 02 11 26, D 48.5 eP 02 11 29, D 48.5 eP 02 11 33, D 49.1
NOVO5 KHC	03 11 12 New Ireland 5.08 S 153.5 E, 35km, m 4.6 ISC ePKIKP 03 30 11, D 124.5
NOVO5 KHC PRU	KHC eiP 05 22 18.2, ei 24 06 PRU eP 05 22 25.6, e 24 07
NOVO6 PRU KHC	01 28 44.7 Japan 40.29 N 143.76 E, 17km, m 4.6 ISC eiP 01 40 53 (1.0s 17mu), eiPcP 41 02.5, m 4.9, D 79.6 eiP 01 40 59 (1.0s 16mu), eiPcP 41 09, m 5.0, D 80.7
NOVO6 KHC	05 12 18 Aegean Sea 39.00 N 23.44 E, 23km, m 4.3 ISC eiP 05 15 12, D 12.4
NOVO6 PRU KHC	06 22 05.4 Japan 41.28 N 143.26 E, 45km, m 4.6 ISC eiP 06 34 04.3, D 78.6 eiP 06 34 10 (0.8s 8mu), m 4.7, D 79.7
NOVO6 KHC	KHC ePg 12 46 53, eiSg 47 07, (D 1.1)
NOVO6 KHC PRU PRA	13 41 05.6 Cyprus 35.13 N 32.73 E, 65km, m 4.8 ISC iP 13 45 33.0 (1.0s 116mu), i 45 40.5, m 5.2, D 19.9 eiP 13 45 33.3 (1.0s 30mu), ei 45 51, m 4.6, D 19.9 eP 13 45 34, D 20.0

NOV06	13 59 Explosion of 5.6 Tons: Czechoslovakia 50.62 N 14.35 E PRU
PRU KHC	iPg 13 59 55.4, eiSg 14 00 04.4, D 0.64 eiPg 14 00 12, eiSg 00 33.5, D 1.6
NOV06	17 06 07.1 Persia 31.48 N 50.76 E, 51km, m 4.7 ISC
KHC	eP 17 12 40, D 32.7
NOV06	18 04 17.9 Kurile Isl. 49.09 N 155.88 E, 38km, m 4.2 ISC
KHC	eP 18 16 07, D 76.9
NOV07	00 48 33 Unimak Isl. 54.24 N 164.53 W, 24km, m 5.0 ISC
PRU KHC	eP 01 00 21.5, D 76.2 eiP 01 00 26, D 77.0
NOV07	03 32 51.1 Samoa Isl. 16.63 S 172.70 W, 33km, m 5.1 ISC
PRA PRU KHC	ePKP 03 52 28, e 52 56, D 146.2 ePKP 03 52 30, ei 52 42, D 146.2 eiPKP 03 52 32 (1.0s 27mu), i 52 38.2, ei 53 47, D 147.2
NOV07	09 19 06.5 Japan 40.18 N 142.31 E, 55km, m 5.1 ISC
PRU KHC	eiPC. 09 31 07.2 (1.2s 35mu), m 5.2, D 79.2 iPC. 09 31 13.6 (1.0s 38mu), m 5.3, D 80.2
NOV07	10 02 07 Novaya Zemlya 73.5 N 55.0 E BCIS, m 6.1 ISC
PRA PRU KHC	eiPC. 10 08 10.0 (PV: 2s 1.0u), e 08 43, ePP 09 05, Lm 23.5 (LH: 8.5s 3.0u, LV: 8s 5.0u), M 5.3, MPV 6.2, D 29.2 iPC. 10 08 10.3 (0.5s 383mu), i 08 33.3, ei 11 16.8, ei(S) 13 24, eiLg 18 18, Lm 23.4 (LH: 7s 2.4u, LV: 7s 2u), m 6.5, M 5.2, D 29.3 iPC. 10 08 19.8 (1.0s 237mu), i 08 47.0, ei 11 47.2, ei 14 24.6, m 6.0, D 30.3
NOV07	KHC ePg 11 05 05, eiSg 05 23.8, (D 1.4) PRU e 11 05 30, eSg 05 56
NOV07	PRU eiPg 12 16 25.3, eiSg 16 40, (D 1.2) KHC e 12 16 36, eiSg 16 57
NOV07	KHC eiPg 12 43 54, eSg 44 00, (D 0.55) PRU iPg 12 44 04.3, eiSg 44 19.8, (D 1.2)
NOV07	PRU eiPg 14 04 03.3, eiSg 04 26.3, (D 1.7)

NOV07	14 36 36.4 Kurile Isl. 44.81 N 150.18 E, 42km, m 5.3 ISC
PRU PRA KHC	eiPC. 14 48 32.3 (0.9s 59mu), eiPcP 48 41.5, m 5.7, D 78.0 eiPC. 14 48 33, D 78.0 eiPC. 14 48 38.2 (1.0s 75mu), eisP 48 56.2, m 5.7, D 79.1
NOV08	07 42 58.6 New Hebrides 13.36 S 167.13 E, 203km, m 5.0 ISC
PRU KHC	eiPKIKP 08 01 59, D 137.1 eiPKIKP 08 02 00, D 138.2
NOV08	Explosion of 14.8 Tons: Czechoslovakia 49.08 N 16.46 E PRU
PRU KHC	iPg 09 00 10.3, iSg 00 30.3, D 1.5 ePg 09 00 17, eiSg 00 42, D 1.9
NOV08	KHC eiPg 09 45 38, eiSg 45 53, (D 1.1) PRU iPg 09 45 41.3, eSg 46 01, (D 1.5)
NOV08	PRU iPg 11 19 36.2, ei 19 54.5, iSg 19 56.3, (D 1.5) KHC e 11 19 49, eiSg 20 13.5
NOV08	11 57 11.8 W. of Tonga 19.94 S 178.15 W, 568km, m 4.4 ISC
PRU KHC	eiPKHKP 12 15 56, D 148.4 eiPKHKP 12 15 58, D 149.4
NOV08	PRU eiPn 12 28 44.2, eiPg 28 47.8, eiSg 29 14.5, (D 2.0)
NOV08	16 11 15.7 Iceland 64.39 N 18.1 W, 33km, m 4.4 ISC
PRU KHC PRA	eP 16 16 16, ei 16 21, Lm 27 (LN: 12s 0.6u, LV: 12s 1.1u), M 4.2, D 22.5 eiP 16 16 16.5 (1.5s 16mu), m 4.3, D 22.8 eP 16 16 20, D 22.4
NOV08	17 11 02.8 S. Greece 36.6 N 22.82 E, 0km, m 4.3 ISC
KHC PRU	eiP 17 14 33.5, D 14.2 eiPC. 17 14 37.8, D 14.6
NOV08	18 27 27.1 W. of Tonga 19.56 S 179.19 W, 675km, m 5.1 ISC
PRU KHC PRA	ePKIKP 18 45 55.4, iPKHKP 45 59.8, epPKP 48 32, D 147.7 eiPKIKP 18 45 56.5, eiPKHKP 46 02, eipPKP 48 34, D 148.8 ePKHKP 18 45 59, D 147.7
NOV08	18 45 30.7 W. of Tonga 19.96 S 177.93 W, 553km, m 4.4 ISC
PRU KHC	eiPKHKP 19 04 15.8, D 148.4 eiPKHKP 19 04 18.6, D 149.5

NOVO9	04 20 53.4 Jan Mayen 71.79 N 3.6 W, 33km ISC
PRU	eP 04 26 01, D 23.4
NOVO9	10 32 06 Kurile Isl. 44 N 148.8 E, 40km, m 4.0 ISC
PRU	eiP 10 43 55.7, D 78.3
KHC	eP 10 44 06, eipP 44 21, D 79.3
NOVO9	PRU iPg 11 30 40.9, eiSg 30 57.5, (D 1.3)
NOVO9	13 13 30.7 W. of Tonga 20.16 S 178.46 W, 607km, m 4.6 ISC
PRU	eiPKHKP 13 32 10.3, eiPKP2 32 16.3, eipPKP2 34 33.5, D 148.5
KHC	eiPKHKP 13 32 13.5, eiPKP2 32 21, D 149.5
NOVO9	13 43 36 W. Pakistan 23.79 N 64.73 E, 15km, m 5.1 ISC
KHC	eiP 13 52 15.5 (1.8s 46mu), ei 52 21.4, ei 53 08.6, m 5.3, D 47.2
PRU	eP 13 52 16, e 52 32.3, e 59 08, eL 14 10, Lm 18.5 (LN: 16s 0.4u), (M 4.5), D 46.8
PRA	e 13 54 28, e 59 55, Lm 14 20.5, D 46.8
NOVO9	PRU eiPn 16 08 56, eiPg 08 58.5, ei 09 22.8, ei 09 27.5
NOVO9	17 01 38.1 S.Illinois 37.96 N 88.36 W, 19km ISC
PRA	eP 17 12 45, e 12 53, D 69.2
KHC	eiP 17 12 45.5 (1.0s 22mu), ei 12 53, m 5.3, D 69.2
PRU	eiP 12 45.8 (1.1s 27mu), i 12 53.3, Lm 42.6 (LH:16s 0.9u, LV: 16s 0.8u), m 5.4, M 5.0, D 69.3
NOVO9	19 20 23.3 Iceland 64.05 N 21.1 W, 24km, m 4.4 ISC
PRU	eP 19 25 33, D 23.6
KHC	eiP 19 25 34.8, D 23.8
NOVO9	20 30 39 Molucca Passage 2.39 N 126.90 E, 10km, m 5.4 ISC
PRU	eP 20 44 38.5, ei 44 42, e 48 13, eiPP 48 53.8, eS 56 16, eL 21 21, Lm 33 (LN: 25s 1.5u), (M 5.4), D 102.3
KHC	eiP 20 44 42.2, ei 47 40, ei 49 16, D 103.2
PRA	Lm 21 33, D 102.3
NOV10	09 48 45.7 New Hebrides 19.48 S 169.79 E, 257km ISC
PRU	eiPKP 10 07 51.5, D 144.1
KHC	eiPKP 10 07 55, D 145.1
NOV10	12 50 37 Crete 34.44 N 23.77 E, 1km, m 5.0 ISC

KHC	eiP 12 54 30.6 (1.0s 59mu), i 54 39.8, m 4.7, D 16.5
PRU	eiP 12 54 36 (1.2s 43mu), ei 54 38.5, m 4.5, D 17.0
PRA	eP 12 54 42, D 17.0
NOV10	14 14 20 Kurile Isl. 44.84 N 146.56 E, 158km, m 4.2 ISC
PRU	eP 14 25 57, D 76.7
KHC	eiP 14 26 02.3 (0.7s 14mu), m 4.8, D 77.8
NOV10	14 29 33 Crete 34.55 N 23.86 E, 0km, m 4.4 ISC
KHC	eiP 14 33 28 (1.0s 49mu), ei 33 32, m 4.6, D 16.4
PRU	eiPC. 14 33 32.3 (1.0s 30mu), ei 33 36.5, m 4.4, D 16.9
PRA	eP 14 33 33, D 17.0
NOV10	15 14 40.3 Japan 41.37 N 142.29 E, 33km, m 4.6 ISC
PRU	eP 15 26 41, D 78.2
KHC	eP 15 26 41, D 79.2
NOV10	17 02 00.9 Philippines 19.94 N 121.39 E, 46km, m 5.3 ISC
PRA	eP 17 14 34, eS 25 00, eSP 25 55, Lm 56, D 85.3
PRU	eiP 17 14 34.7 (1.5s 52mu), ei 14 47.2, ei 15 20, eS 25 01, eL 48, Lm 56.5 (LH: 15s 0.8u, LV: 15s 1.1u), m 5.5, M 5.2, D 85.3
KHC	eiP 17 14 38 (2.0s 83mu), ei 14 52.2, m 5.5, D 86.2
NOV10	21 24 55 S. Sumatra 3.57 S 102.01 E, 56km, m 5.3 ISC
PRU	eiP 21 37 55.5, ei 38 16.5, D 91.1
KHC	eP 21 37 58, D 91.7
NOV11	02 01 34.2 Aleutian Isl. 52.85 N 175.05 W, 224km, m 4.7 ISC
PRU	eiP 02 13 05, D 77.2
KHC	eP 02 13 10 (0.8s 18mu), m 4.8, D 78.1
NOV11	01 58 41.4 W. of Tonga 19.56 S 179.14 W, 679km, m 4.8 ISC
KHC	ePKIKP 02 17 11, eipPKP2 19 48, D 148.8
PRU	eiPKIKP 02 17 12.5, epPKP2 19 47, D 147.7
NOV11	08 53 57.1 Kodiak Isl. 57.51 N 154.73 W, 76km, m 5.0 ISC
PRA	eP 09 05 15, D 72.4
PRU	iPC. 09 05 15.8 (1.0s 35mu), ei 05 22.8, m 5.2, D 72.5
KHC	eiPC. 09 05 21 (1.0s 81mu), m 5.5, D 73.3
NOV11	KHC e 10 44 10.5, eiSg 44 36
PRU	eiPg 10 44 24, eiSg 44 55.5, (D 2.5)

NOV11	14 41 15.1 Japan 40.12 N 143.25 E, 31km, m 5.5 ISC
PRU	iPC. 14 53 21.0 (1.0s 83mu, PN:4s 0.5u, PV: 4s 0.9u), eiPcP 53 30, ei 54 41, eiPP 56 20, eiS 15 03 21, eL 21, Lm 34.5 (LH: 16s 4.5u, LV: 16s 6.5u), m 6.5, M 5.9 (MPH 6.2), MPV 6.0, D 79.6
PRA	eiPC. 14 53 21.2 (PV: 5s 1.8u), ePP 56 21, ePPP 58 14, eS 15 03 22 (SE: 6s 1.3u), Lm 34.5 (LE: 14s 7.3u, LV: 14s 13u), (M 6.2), MPV 6.5, (MSH 6.2), D 79.6
KHC	iPC. 14 53 27.1 (1.0s 97mu), isP 53 51.8, ei 54 33.5, m 5.8, D 80.7
NOV11	17 04 36.5 Volcano Isl. 25.28 N 141.14 E, 162km, m 5.1 ISC
PRU	eiP 17 17 24.3 (1.1s 18mu), m 5.1, D 91.4
KHC	eiP 17 17 29.5 (1.1s 18mu), m 5.1, D 92.4
NOV11	23 34 21.5 Dodecanese Isl. 36.61 N 27.15 E, 23km ISC
KHC	eiP 23 38 04.5 (1.5s 36mu), i 38 08.1, ei 39 51, m 4.3, D 15.9
PRU	eP 23 38 08, ei 38 11.3, ei 39 49, ei 41 15.5, eS 41 20, eL 43, Lm 44.5 (LH: 13s 1.3u), M 4.3, D 16.2
PRA	eP 23 38 12, eS 41 22, Lm 45.2 (LE: 12s 3.0u, LV: 12s 1.7u), (M 4.7), D 16.3
NOV11	23 53 07 Dodecanese Isl. 36.61 N 27.10 E, 33km, m 4.5 ISC
KHC	eiP 23 56 50.4, ei 56 55.7, D 15.9
PRU	eP 23 56 55, D 16.2
NOV12	00 44 14.8 Ryukyu Isl. 27.50 N 128.48 E, 69km, m 5.7 ISC
PRU	eiPC. 00 56 35.8 (1.2s 88mu), ei 57 02, eL 01 28, Lm 37.5 (LH: 16s 1.8u, LV: 16s 2.5u), m 5.6, M 5.7, D 83.2
PRA	eiPC. 00 56 36.0 (PV: 6s 1.4u), epP 56 54, Lm 01 37.5 (LE: 18s 6.2u, LV: 17s 7.8u), (M 6.1), MPV 6.3, D 83.2
KHC	eiP 00 56 40.8 (1.0s 97mu), ei 57 04.9, m 5.7, D 84.2
NOV12	KHC eiP 03 40 29 PRU eiP 03 40 33
NOV12	03 37 39 Dodecanese Isl. 36.74 N 27.11 E, 26km, m 4.7 ISC
KHC	eiP 03 41 20.6 (1.6s 85mu), ei 41 47, ei 44 37.6, m 4.6, D 16.8
PRU	eP 03 41 24, ei 41 29.5, e 42 54, e(S) 44 38, eL 46.5, Lm 47.8 (LH: 12s 1.2u), M 4.3, D 16.1
PRA	eP 03 41 26, Lm 48.5 (LE: 11s 2.2u, LV: 12s 1.3u), (M 4.6), D 16.2
NOV12	04 01 02 Dodecanese Isl. 36.4 N 26.6 E, 0km ISC
KHC	eiP 04 04 47, D 15.9

NOV12	06 08 55.6 Dodecanese Isl. 36.64N 27.16 E, 24km, m 4.6 ISC
KHC	eiP 06 12 38.3 (1.6s 50mu), ei 13 09, m 4.4, D 15.9
PRU	eiP 06 12 44.5, ei 12 49, e 15 58, eL 17.5, Lm 19 (LH: 12s 1.2u), M 4.3, D 16.2
PRA	eP 06 12 48, e(S) 15 58, Lm 20.1 (LE: 9s 2.0u, LV: 10s 2.4u), (M 4.7), D 16.3
NOV12	06 27 18 W. of Tonga 20.30 S 177.98 W, 524km, m 4.2 ISC
KHC	eiPKHKP 06 46 08.8, eiPKP2 46 16.8, D 149.8
NOV12	PRU iPg 09 08 19, eiSg 08 42.5, ei 08 47, (D 1.8)
NOV12	08 57 27 Japan 41.17 N 144.03 E, 14km, m 5.2 ISC
PRA	eP 09 09 31, ePcP 09 43, Lm 48 (LE: 15s 1.3u, LV: 15s 1.3u), (M 5.4), D 79.0
PRU	eiPD. 09 09 32 (1.5s 47mu), eiPcP 09 44, e 12 14, eL 42, Lm 48.6 (LN: 15s 0.6u, LV: 15s 1.2u), m 5.3, (M 5.5), D 79.0
KHC	eiPD. 09 09 37.8 (1.2s 44.5mu), eiPcP 09 49.9, m 5.3, D 80.1
NOV12	09 53 44.6 Ryukyu Isl. 29.16 N 129.54 E, 47km, m 5.2 ISC
PRU	eiP 10 06 03 (2.0s 62mu), esP 06 24, eL 37, Lm 41 (LH: 17s 0.9u), m 5.4, M 5.2, D 82.4
PRA	eP 10 06 03, Lm 46.3 (LE: 14s 2.1u, LV: 14s 1.9u), (M 5.7), D 82.5
KHC	eiP 10 06 08.5 (1.7s 54mu), m 5.5, D 83.5
NOV12	PRU iPg 13 01 13, iSg 01 30.5, (D 1.4)
NOV12	14 04 33.9 Japan 40.09 N 142.70 E, 43km, m 5.1 ISC
PRU	iPC. 14 16 37.6 (0.9s 29mu), eipP 16 50, m 5.3, D 79.4
KHC	eiPC. 14 16 43.4 (1.0s 35mu), eipP 16 55.6, m 5.1, D 80.5
NOV12	PRU iPg 16 36 27.1, iSg 36 48.1, (D 1.6)
NOV12	22 00 39.0 Samoa Isl. 15.63 S 172.71 W, 47km, m 5.2 ISC
PRA	ePKP 22 20 12, D 145.2
PRU	ePKP 22 20 13, ei 20 14.6, ei 20 21.5, D 145.2
KHC	eiPKP 22 20 15.2, ei 20 44.6, ei 21 25, D 146.2
NOV13	01 56 45.2 Samoa Isl. 15.62 S 172.80 W, 31km, m 5.0 ISC
PRU	eiPKPD. 02 16 21 (1.0s 30mu), ei 16 30.5, D 145.2
PRA	ePKP 02 16 22, D 145.2
KHC	eiPKP 02 16 22 (1.1s 35mu), i 16 41.2, D 146.2

NOV13	PRU eiPg 09 29 39.5, iSg 30 07.5, (D 2.2) KHC e 09 29 55, eiSg 30 29.5
NOV13	KHC ePg 09 35 02, eiSg 35 16, (D 1.1)
NOV13	Explosion of 8.2 Tons: Czechoslovakia 49.01 N 16.50 E PRU PRU eiPg 11 07 45, eiSg 08 08, D 1.6
NOV13	12 03 40.5 N. Atlantic Ocean 58.35 N 32.72 W, 33km, m 4.6 ISC PRA Lm 12 21.3 (LE: 15s 0.8u, LV: 16s 2.3u), (M 4.6), D 28.3
NOV13	PRU eiPg 12 46 46, eiSg 47 02, (D 1.2)
NOV13	KHC e 12 49 05, eiSg 49 28 PRU eiPg 12 49 07, eiSg 49 30, (D 1.7)
NOV13	PRU eiPg 13 55 37, e 55 49 KHC eiPg 13 55 43, eiSg 56 01, (D 1.4)
NOV13	15 16 58 Dodecanese Isl. 36.5 N 26.7 E, 73km ISC KHC eP 15 20 37 (1.6s 35mu), m 4.2, D 15.9 PRU eP 15 20 44, ei 20 58.5, D 16.1
NOV13	PRU iPg 15 45 05, eiSg 45 26, (D 1.6)
NOV13	15 49 27.2 W. of Tonga 20.86 S 178.80 W, 598km, m 5.1 ISC PRU ePKIKP 16 08 04, iPKHKP 08 09.5, iPKP2 08 16.5, eipPKP 10 35, D 149.1 KHC eiPKIKP 16 08 05.8, iPKHKP 08 12.2, iPKP2 08 21.4, eipPKP 10 40, D 150.1 PRA ePKHKP 16 08 09, D 149.0
NOV13	16 44 18 Uganda 1.89 N 31.52 E, 23km ISC KHC eiP 16 35 07, D 49.5
NOV13	17 48 30.1 Dodecanese Isl. 36.64 N 27.20 E, 0km ISC KHC eiP 17 52 17.5, D 16.0 PRU eP 17 52 24, D 16.2
NOV13	18 41 47.2 Japan 40.17 N 142.65 E, 40km, m 5.6 ISC PRU eiPC. 18 53 50 (1.7s 162mu, PV: 6s 0.8u), eipP 54 04, ePP 57 01, e(S) 19 04 12, eL 23, Lm 32 (LH: 18s 1.7u, LV: 18s 2.0u),

PRA	m 5.8, M 5.5, MPV 5.9, D 79.3 eiPC. 18 53 50.6 (PV: 5s 1.7u), ePP 56 58, ePPP 58 44, e(S) 19 04 12, Lm 32 (LH: 16s 7.4u, LV: 17s 7.4u), M 6.1, MPV 6.4, D 71.3
KHC	iPC. 18 53 56.1 (1.0s 97mu), ipP 54 09.8, m 5.7, D 80.4
NOV13	21 35 49.0 W. of Tonga 18.44 S 177.93 W, 565km, m 4.4 ISC PRU eiPKHKP 21 54 29.8, D 147.0 PRA ePKP 21 54 32, D 147.0 KHC eiPKHKP 21 54 32 (1.0s 19mu), D 148.0
NOV14	05 59 26.1 N. Atlantic Ridge 26.72 N 44.43 W, 33km, m 4.7 ISC KHC eiP 06 08 16.7, D 49.6
NOV14	PRU iPg 08 46 52.5, eiSg 47 11, (D 1.4) KHC ePg 08 47 01, eiSg 47 26.5, (D 1.9)
NOV14	KHC ePg 11 23 01, eiSg 23 20.5, (D 1.4)
NOV14	PRU ePg 11 23 53.5, eSg 24 07.5, (D 1.1)
NOV14	PRU iPg 11 48 46.5, eiSg 49 09.5, (D 1.8)
NOV14	11 35 11.5 Tonga 20.08 S 175.89 W, 214km, m 5.0 ISC KHC eiPKIKP 11 54 33, iPKHKP 54 38.4, eipPKP 55 33.2, D 150.0 PRU eiPKHKP 11 54 36, eipPKP 55 25, D 149.0 PRA ePKHKP 11 54 38, D 149.0
NOV14	PRU e 12 21 43, e 22 09, ei(Sg) 22 48 KHC ei 12 22 29.6, ei 23 04
NOV14	12 11 54.4 Japan 31.57 N 131.75 E, 31km, m 5.1 ISC PRU eP 12 24 13, Lm 13 04.5 (LH: 16s 0.6u, LV: 16s 0.5u), M 5.1, D 81.6 PRA Lm 13 04 (LH: 16s 2.9u, LV: 16s 2.1u), M 5.7, D 81.6
NOV14	PRU eiPg 12 42 26, eiSg 42 51, (D 1.9)
NOV14	PRU e 14 19 38, eiSg 19 50.5 KHC eiPg 14 19 42, eiSg 19 57, (D 1.1)
NOV14	PRU iPg 17 25 59.5, iSg 26 20.5, (D 1.6)
NOV14	23 15 17.7 Albania 41.9 N 19.3 E, 0km ISC

KHC PRU	ePn 23 17 16, eiSn 18 51.5, D 8.2 ePn 23 17 32, e 18 24, ei 19 10, ei 19 18, D 8.7
NOV14	23 08 53.5 Loyalty Isl. 21.46 S 170.10 E, 93km, m 5.6 ISC
PRA PRU KHC	eiPKPC. 23 28 21.8 (PV: 7s 2.2u), D 145.6 eiPKP 23 28 23, eipPKP 28 49, e 30 30, D 145.6 eiPKP 23 28 23.7, i 28 26.2, D 146.7
NOV15	00 07 08 Gulf of Alaska 58.32 N 150.41 W, 14km, m 5.0 ISC
KHC PRA PRU	eiP 00 18 34.2 (1.2s 22mu), m 5.2, D 72.1 eP 00 18 36, D 71.3 eP 00 18 36, D 71.4
NOV15	01 47 16.5 Japan 41.60 N 142.65 E, 57km, m 4.8 ISC
PRU KHC	eP 01 59 11, D 78.1 eP 01 59 16.5 (0.8s 11mu), m 4.8, D 79.2
NOV15	06 25 39 Persia-USSR 37.6 N 58.5 E, 22km, m 5.1 ISC
PRA PRU KHC	eP 06 32 20, Lm 50, D 33.6 eiP 06 32 23 (1.2s 21mu), ePP 33 35, ei 41 16, Lm 48.3 (LV: 13s 1.7u), m 4.9, D 33.5 eiP 06 32 27.4 (1.1s 27mu), m 5.1, D 34.1
NOV15	PRU eiPg 11 57 07, eiSg 57 24, (D 1.3)
NOV15	PRU iPg 12 30 13, eiSg 30 28, (D 1.1)
NOV15	12 35 Explosion of 16.1 Tons: Czechoslovakia 49.55 N 14.23 E PRU
PRU KHC	iPg 12 35 39.2, iSg 35 45.2, D 0.48 eiPg 12 35 41.5, eiSg 35 49.5, D 0.60
NOV15	PRU eiPg 12 58 19.3, eiSg 58 35.3, (D 1.2)
NOV15	PRU iPg 13 06 05.5, iSg 06 23, (D 1.4)
NOV15	PRU eiPg 16 51 50.5, eiSg 52 12, (D 1.6)
NOV16	00 23 38.5 New Hebrides 17.93 S 168.48 E, 150km, m 5.2 ISC
PRU KHC	ePKP 00 42 48, ePP 46 17, D 141.8 eiPKP 00 42 52.6, eiPP 46 20.2, D 142.8
NOV16	07 45 48.6 Fiji Isl. 16.58 S 175.98 E, 36km, m 5.7 ISC

PRU PRA KHC	eiPKP 08 05 17, ei 05 31.5, ePP 08 40, ei 10 22, eL 54, Lm 09 20.5 (LH: 18s 1.4u, LV: 18s 1.1u), M 5.8, D 143.5 ePKP 08 05 19 (PV: 5s 2u), ePP 08 45 (PPV: 7s 1.4u), MPPV 6.3, D 143.4 eiPKP 08 05 22, D 144.5
NOV16	10 27 17.7 New Hebrides 20.55 S 169.75 E, 111km, m 4.8 ISC
PRU KHC	eiPKP 10 46 40.5, D 144.7 eiPKP 10 46 44, eipPKP 47 13.5, D 145.7
NOV16	PRU eiPn 17 08 17, eiPg 08 19.5, eiSg 08 47, (D 2.0)
NOV17	00 16 06.4 Venezuela 9.57N 72.63 W, 150km, m 5.8 ISC
KHC PRU PRA	iPD. 00 28 03.2 (1.3s 264mu), ipP 28 47.8, m 5.8, D 80.4 eiPD. 00 28 05.5 (1.2s 138mu). eipP 28 50, ei 30 26, eiS 38 01, eiPS 39 18, eSS 43 20, m 5.6, D 80.9 eP 00 28 07, e 28 15, epP 28 51, e 29 03, e 29 16, eS 38 03 (SN: 7s 1.8u), ePS 39 15, ePPS 39 31, e 43 18, (MSH 6.3), D 80.9
NOV17	04 25 37.4 W. of Tonga 19.63 S 177.60 W, 399km, m 4.2 ISC
PRU KHC	eiPKHKP 04 44 37.5, D 148.2 eiPKHKP 04 44 40, D 149.2
NOV17	07 41 16.4 N. of Ascension Isl. 1.32 S 13.61 W, 27km, m 5.4 ISC
KHC PRU PRA	eiP 07 50 47, ei 51 16, D 55.5 eP 07 50 54.5, ei 51 20, ei 54 32, eiS 58 48, e 08 00 48, eL 08, Lm 16.3 (LH: 18s 8u, LV: 18s 4.4u), M 5.8, D 56.5 eP 07 50 57, eS 58 54, Lm 08 16 (LH: 18s 12u, LV: 18s 12u), M 6.1, D 56.6
NOV17	12 59 09.8 Japan 39.71 N 143.24 E, 36km, m 4.7 ISC
PRU KHC	eiPC. 13 11 17 (1.0s 18mu), ePcP 11 26, m 5.0, D 79.9 eiP 13 11 23, eipP 11 33, D 81.0
NOV17	13 06 22 Molucca Passage 1.08 N 125.36 E, 81km, m 5.2 ISC
PRU	eP 13 20 11, D 102.4
NOV17	13 31 55.0 N. Atlantic Ocean 19.11 N 68.12 W, 37km, m 4.3 ISC
KHC	eiP 13 43 14, D 70.4
NOV18	02 42 02.2 Solomon Isl. 7.05 S 155.76 E, 89km, m 5.0 ISC
PRU KHC	ePKIKP 03 00 56, D 126.3 eiPKIKP 03 00 59 (1.0s 22mu). ei 01 11.5, D 127.4

NOV18	05 05 05.1 W. Pakistan 33.24 N 71.19 E, 41km, m 5.0 ISC
PRU	eP 05 13 13, D 44.4
NOV18	06 02 32.1 Japan 37.36 N 141.59 E, 56km, m 4.9 ISC
PRU	eP 06 14 45, epP 14 57, D 81.3
KHC	eP 06 14 50 (1.0s 16mu), m 4.9, D 82.3
NOV18	14 23 03 S. Persia 27.4 N 53.22 E, 89km ISC
KHC	eP 14 30 07, D 37.4
NOV18	14 52 25.0 Albania 41.96 N 19.0 E, 0km ISC
KHC	eiPn 14 54 32, eiSn 56 05.4, D 8.1
PRU	ePn 14 54 38, ePg 55 25, eiSn 56 16, D 8.6
NOV18	15 22 48.9 Japan 44.00 N 141.24 E, 216km, m 4.4 ISC
PRU	eiP 15 34 11.5, D 75.5
KHC	eP 15 34 18 (1.0s 14mu), m 4.6, D 76.6
NOV18	PRU ePn 16 08 19, eiPg 08 22, eSg 08 50, (D 2.0)
NOV19	PRU ePg 13 30 51, e 31 09, e 31 20
KHC	ePg 13 30 54, eiSg 31 26, (D 2.5)
NOV19	18 35 55 Kurile Isl. 44.8 N 150.40 E, 40km, m 4.3 ISC
PRU	eP 18 47 50.5, D 78.1
KHC	eiP 18 47 57.2, D 79.2
NOV19	PRU iPg 19 15 40.5, eiSg 16 01.5, (D 1.6)
NOV19	22 48 07.9 Nicobar Isl. 8.78 N 94.26 E, 68km, m 4.7 ISC
PRU	eP 22 59 54, D 76.7
KHC	eiP 22 59 57, D 77.3
NOV20	01 51 15.6 Rumania 45.65 N 26.60 E, 124km ISC
PRU	eiPC. 01 53 28.5 (1.0s 15mu), m 4.7, D 9.2
KHC	eiP 01 53 31, D 9.5
NOV20	PRU eiPg 10 07 45, eiSg 08 11, (D 2.0)
NOV20	PRU iPg 11 43 57.5, iSg 44 20.5, (D 1.7)

NOV20	PRU iPg 13 54 52.1, iSg 54 53.6, (D 0.12)
KHC	eiPg 13 55 11, eiSg 55 26.5, (D 1.1)
NOV20	PRU iPg 16 40 11, iSg 40 32.5, (D 1.6)
NOV21	02 36 29 Tonga 20.68 S 174.10 W, 90km, m 4.8 ISC
KHC	ePKIKP 02 56 08, eiPKP2 56 25, D 151.0
PRU	ePKHKP 02 56 09, epPKP 56 34, D 150.0
PRA	ePKHKP 02 56 11, D 149.9
NOV21	PRU eiPn 16 28 15, eiPg 23 18, eSg 28 43, ei 28 49, (D 2.0)
NOV21	PRU eiPg 18 24 57.5, eiSg 25 21.5, (D 1.8)
NOV21	PRU iPg 18 40 07, iSg 40 30.5, (D 1.7)
NOV21	20 10 05.4 Poland 50.34 N 18.92 E, m 3.2 WAR
PRU	ePg 20 10 58, eiSg 11 35.5, D 2.8
KHC	ePg 20 11 17, eiSg 12 02.2, D 3.7
NOV21	22 50 02 Switzerland 46.1 N 6.0 E, 0km ISC
KHC	eiPn 22 51 22.8, ei 51 46, ei(Sg) 53 03, D 6.0
PRU	ePg 22 52 00, ei 53 25.5, eiSg 53 29.5, D 6.9
PRA	ePg 22 52 02, eiSg 53 27, D 6.9
NOV21	23 31 54.3 W. of Tonga 19.51 S 176.10 W, 279km, m 4.4 ISC
PRU	eiPKHKP 23 51 08.5, D 148.4
KHC	eiPKHKP 23 51 11.6, D 149.4
NOV22	08 59 27.7 Philippines 16.17 N 122.17 E, 60km, m 5.3 ISC
PRU	eiP 09 12 15.5, ei 12 45.5, eSKS 22 42, Lm 59 (LH: 18s 6.3u, LV: 18s 3.3u), M 6.1, D 88.7
KHC	eiP 09 12 19.1 (1.1s 9mu), m 5.0, D 89.6
PRA	e 09 13 10, ePP 15 45, eSKS 22 45, eS 23 00, ePS 24 08, Lm 55 (LH: 14s 3.9u, LV: 14s 2.7u), M 6.1, D 88.7
NOV22	09 58 Explosion of 12.4 Tons: Czechoslovakia 49.27N 14.5 E PRU
PRU	iPg 09 58 40, iSg 58 49.5, D 0.72
KHC	eiPg 09 58 42.4, iSg 58 54.8, D 0.62
NOV22	10 08 20 Austria 47.5 N 11.0 E BCIS
KHC	ePn 10 08 58, eiPg 09 03, iSn 09 28.2, D 2.4
PRU	eiPn 10 09 18, eiSn 09 50, ei 10 03, D 3.4
PRA	e(Sg) 10 10 06, D 3.4

NOV22	10 31 49 Molucca Passage 1.48 N 125.60 E, 37km, m 5.6 ISC
PRU KHC	eiP 10 45 43, D 102.3 eiP 10 45 47 (2.0s 41mu), m 5.8, D 103.1
NOV22	11 38 16 Philippines 13.16 N 122.60 E, 7km, m 5.5 ISC
PRU PRA KHC	eiPC. 11 51 23 (1.4s 37mu), m 5.5, D 91.3 eP 11 51 24, D 91.3 eiPC. 11 51 27.6 (1.1s 24mu), m 5.2, D 92.2
NOV22	PRU iPg 11 51 50, iSg 51 51, (D 0.08) KHC ePg 11 52 10, eiSg 52 26, (D 1.2)
NOV22	PRU iPg 14 15 12.5, eiSg 15 16, (D 0.27) PRA e 14 15 15, eSg 15 18 KHC e 14 15 25.5, eiPg 15 28, eiSg 15 42.2, (D 1.1)
NOV22	15 44 05.4 S. of Fiji 23.65 S 179.96 W, 520km, m 5.2 ISC
KHC PRU	eiPKIKP 16 02 55.4, eiPKHKP 03 03.2, eiPKP2 03 16.6, D 152.4 ePKHKP 16 03 00, eiPKP2 03 11.5, epPKP2 05 04, D 151.4
NOV23	05 22 12.8 Japan 40.16 N 142.35 E, 57km, m 4.5 ISC
PRU KHC	eiP 05 34 13.6, D 79.2 eiP 05 34 19.5 (1.0s 11mu), m 4.7, D 80.3
NOV23	PRU eiPg 09 45 08, eiSg 45 24, (D 1.2)
NOV24	20 46 48 Loyalty Isl. 21.5 S 170.6 E, 151km ISC
PRU PRA KHC	eiPKP 21 06 09.5, D 145.9 ePKP 21 06 11, D 145.9 eiPKP 21 06 13.6 (1.1s 21mu), D 147.0
NOV24	21 09 52 Tonga 15.58 S 175.93 W, 64km, m 5.3 ISC
PRU KHC	ePKP 21 29 22, ei 29 36, D 144.6 eiPKP 21 29 24.4, ei 29 54, D 145.7
NOV24	21 20 59.9 Japan 40.30 N 142.39 E, 49km, m 5.9 ISC
PRU PRA KHC	eP 21 33 00 (1.5s 405mu), eipP 33 13, e 35 47, eiS 43 06, eisS 43 18, eL 22 03, Lm 10.9 (LH: 17s 3u, LV: 17s 2.1u), m 6.2, M 5.7, D 79.1 eiPC. 21 33 01.4 (PV: 2s 1.9u), eipP 33 15, ei 33 31, ePP 36 10, esS 43 24, Lm 22 11 (LH: 18s 5.5u, LV: 18s 6.2u), M 6.1, MPV 6.9, D 79.1 iPC. 21 33 06.5 (1.2s 325mu), ipP 33 18.7, eiPP 36 26, m 6.1, D 80.2

NOV25	18 36 52.3 Philippines 5.05 N 126.77 E, 25km, m 5.3 ISC
PRU PRA KHC	eiPD. 18 50 38.5 (1.0s 23mu), e 51 21, e 54 50, eSKS 19 01 18, eiS 02 08, ePS 03 40, eSS 09.0, eL 25, Lm 39.5 (LH: 20s 13u, LV: 20s 6u), m 5.2, M 6.4, D 100.2 eP 18 50 39, eS 19 02 12 (SH: 8.5s 1.9u), ePS 03 39, ePPS 04 34, eSS 09 20, Lm 39.5 (LH: 20s 14.5u, LV: 20s 12.2u), M 6.5, MSH 6.8, D 100.2 eiP 18 50 42 (1.0s 19mu), ei 51 18.2, m 5.1, D 101.1
NOV26	00 03 14.2 S. Atlantic Ridge 57.55 S 6.83 W, 25km, m 5.4 ISC
KHC	eiPP 00 22 09.5, D 107.7
NOV26	01 10 13.0 New Britain 5.32 S 152.02 E, 70km, m 5.4 ISC
PRU KHC	ePKIKP 01 29 03 (1.5s 23mu), e 29 19, D 123.0 eiPKIKP 01 29 05 (1.1s 35mu), D 124.0
NOV26	01 49 53.4 W. of Tonga 21.30 S 179.21 W, 636km, m 4.8 ISC
PRU KHC	eiPKHKP 02 08 33, eiPKP2 08 41, D 149.4 eiPKHKP 02 08 35.8, eiPKP2 08 45.4, D 150.4
NOV26	04 30 03 Dodecanese Isl. 36.2 N 27.3 E, 41km ISC
KHC	eP 04 33 46, D 16.3
NOV26	09 53 52.0 Rumania 45.71 N 27.85 E, 46km, m 4.4 ISC
PRU KHC	eP 09 56 13, e 58 35, ei 59 14, D 9.9 eiP 09 56 19.5, ei 58 19.3, ei 59 55, D 10.3
NOV26	10 53 59.9 S. of Fiji 22.95 S 179.25 E, 556km, m 4.4 ISC
PRU	eiPKHKP 11 12 50.5, D 150.5
NOV26	15 35 24.7 Albania 41.98 N 19.0 E, 0km ISC
KHC PRU	eiP 15 37 26.5, ei 39 32.8, D 8.1 eP 15 37 34, e 39 07, e 39 20, D 8.6
NOV26	18 31 53.0 Lake Baikal 56.06 N 111.51 E, 4km, m 5.1 ISC
PRU PRA KHC	eiP 18 41 19, e 42 34, eL 19.03, Lm 06.5 (LH: 14s 2.1u, LV: 14s 1.2u), M 5.4, D 54.0 eP 18 41 24, Lm 19 07, D 53.9 eiPC. 18 41 26.8 (1.0s 30mu), ei 41 33.4, ei 42 14.5, m 5.3, D 55.0
NOV26	18 49 08.1 Uganda 0.80 N 30.02 E, 0km ISC
KHC	eP 18 58 07, D 50.2

NOV26	21 20 23.9 Japan 44.50 N 142.13 E, 242km, m 4.6 ISC
PRU KHC	eP 21 31 44, D 75.4 eiP 21 31 49, D 76.5
NOV26	22 48 47.7 Ryukyu Isl. 28.96 N 129.94 E, 33km, m 4.8 ISC
KHC PRU	eP 23 01 16, D 83.8 e 23 01 27, Lm 35, D 82.8
NOV26	KHC ePg 23 13 51.5, eiSg 14 09, (D 1.3)
NOV27	PRU ePg 00 18 04, eiSg 18 23, (D 1.5) KHC ePg 00 18 04, eiSg 18 23, (D 1.5)
NOV27	PRU ePg 00 27 43, eiSg 28 02, (D 1.5)
NOV27	01 05 51 Ryukyu Isl. 28.85 N 129.88 E, 4km, m 5.0 ISC
PRU KHC	eP 01 18 18, eL 50 05, Lm 52 (LH: 20s 1.9u), M 5.5, D 82.9 eP 01 18 18.5, D 83.9
NOV27	02 03 33 Switzerland 46.2 N 6.2 E, 0km ISC
KHC PRU	ePn 02 04 52, ei 05 14.2, eiSg 06 34.2, D 5.8 e 02 05 31, ei(Sn) 06 56, D 6.8
NOV27	PRU eiPn 11 49 13, iPg 49 14.0, iSg 49 35, (D 1.6)
NOV27	12 20 55.1 Aleutian Isl. 52.54 N 170.65 W, 58km, m 5.1 ISC
PRU KHC	eiP 12 32 48 (1.0s 23mu), m 5.1, D 77.8 eiPC. 12 32 53 (1.1s 24mu), m 5.1, D 78.7
NOV27	12 55 57.3 Alaska 56.63 N 157.57 W, 71km, m 5.1 ISC
PRU KHC	eiP 13 07 24, D 73.6 eiP 13 07 29.5 (1.0s 22mu), m 5.0, D 74.4
NOV27	KHC ePg 14 43 17, eiSg 43 40, (D 1.7) PRU e 14 43 23
NOV27	PRU e 20 28 25 KHC e 20 28 26.5
NOV28	07 00 09.1 Japan 40.15 N 142.47 E, 54km, m 5.1 ISC
PRU	eiPC. 07 12 10.5 (1.1s 32mu), eipP 12 24, ePP 15 11, m 5.2, D 79.3

PRA KHC	eP 07 12 11, D 79.2 eiPC. 07 12 16 (0.9s 43mu), eipP 12 29.5, m 5.4, D 80.3
NOV28	10 36 08 Mexico 15.31 N 94.75 W, 27km, m 5.6 ISC
KHC PRU	eiP 10 49 06.5, ei 49 16.6, D 90.1 eiP 10 49 10 (PH: 10s 1.3u), ei 49 12.5, e 51 08, ei 52 39, ei 53 24, e 59 02, eiSKS 59 40, ei 11 00 48, eSS 06 06, eiSSS 10 06, eL 24.5, Lm 36 (LH: 18s 10.3u, LV: 10s 1.4u), M 6.4, MPH 6.1, D 90.3
PRA	eP 10 49 10 (PV: 7.5s 3.6u), e 50 37, ePP 52 39 (PPE: 10s 1.4u, PPV: 10s 1.9u), eSKS 59 41, eS 11 00 15, eSPP 01 32, Lm 37 (LH: 18.5s 9.4u, LV: 20s 12.3u), M 6.2, MPV 6.7, (MPPH 6.5), MPPV 6.5, D 90.2
NOV28	16 30 33.5 Solomon Isl. 6.78 S 156.21 E, 180km, m 5.7 ISC
PRU PRA KHC	ePKIKP 16 49 15, eipPKP 49 58.5, ei 51 40.5, Lm 17 36 (LN: 20s 1u), (M 5.5), D 126.3 ePKIKP 16 49 17, D 126.3 eipPKIP 16 49 18.2 (1.2s 93.7mu), eipPKP 50 01, ei 52 00, D 127.4
NOV28	18 02 46.7 Persia 34.23 N 59.65 E, 33km, m 4.8 ISC
KHC	eP 18 09 54, D 36.9
NOV28	22 06 33.5 Mexico 16.80 N 94.50 W, 104km, m 4.4 ISC
PRU KHC	eP 22 19 17, D 89.0 eP 22 19 18, D 88.8
NOV29	07 00 39 Tonga 18.70 S 173.66 W, 51km, m 4.6 ISC
PRU KHC	ePKHKP 07 20 23, D 148.1 eiPKHKP 07 20 26, D 149.1
NOV29	PRU eiPg 14 19 51, eiSg 20 12, (D 1.5)
NOV29	PRU iPg 15 22 57.5, eiSg 23 02, (D 0.35) KHC eiPg 15 23 11, eiSg 23 29, (D 1.4)
NOV29	21 52 12.5 W. of Tonga 20.54 S 178.62 W, 606km, m 4.4 ISC
PRU KHC	eiPKHKPD. 22 10 54, D 148.8 eiPKHKPD. 22 10 57, eipKP2 11 05, D 149.9
NOV30	KHC eP 04 43 24, ei 43 28, ei 45 42.5 PRU eiPD. 04 43 25.5 (1.0s 22mu), ei 43 32
NOV30	KHC eiPg 10 31 06, eiSg 31 14.8, (D 0.70)

	PRU eiPg 10 31 14.5, eiSg 31 30, (D 1.2)
NOV30	PRU ePg 12 05 16.5, eiSg 05 33.5, (D 1.3)
NOV30	18 13 18.5 Japan 40.22 N 142.31 E, 56km, m 4.3 ISC
KHC	eP 18 25 25, D 80.2
NOV30	19 22 51 Carlsberg Ridge 8.29 N 58.46 E, 61km, m 4.7 ISC
PRU	eP 19 32 20, D 55.3
KHC	eiP 19 32 20.2, D 55.3

DECO1	13 14 55 Peru 10.54 S 74.81 W, 33km, m 5.4 ISC
KHC	eiP 13 28 24.8 (1.0s 19mu), eipP 28 36.2, m 5.6, D 96.8
PRU	eP 13 28 28, eisP 28 43.5, eSKS 39 08, eL 58, Lm 14 14.5 (LH: 18s 1.9u), M 5.6, D 97.6
DECO1	20 35 49.7 W. of Tonga 17.85 S 178.58 W, 577km, m 4.8 ISC
PRU	ePKP 20 54 27, D 146.3
KHC	eiPKP 20 54 30.8, D 147.3
DECO2	02 33 42.4 Zambia 14.01 S 23.82 E, 15km, m 5.9 ISC
KHC	eiP 02 44 13.8 (1.2s 231mu), ei 44 36.2, ei 45 34, m 6.2, D 63.5
PRU	eiPD. 02 44 19 (1.0s 83mu), ei 44 49, e 46 50, eS 52 55, eL 03 05, Lm 11.5 (LH: 18s 3.4u), m 5.9, M 5.6, D 64.2
DECO2	PRU iPg 09 03 21.5, eiSg 03 40, (D 1.4)
KHC	ePg 09 03 41, eiSg 04 08.8, (D 2.1)
DECO3	19 26 47 S. of Java 8.21 S 106.15 E, 93km, m 5.0 ISC
PRU	e 19 44 08, eiPP 44 17.5, D 97.3
KHC	e 19 44 08, D 97.8
DECO3	20 57 31.0 Yugoslavia 44.51 N 18.45 E, 5km, m 4.6 ISC
KHC	eiPn 20 58 58 (0.7s 33mu), i 59 01.2, ei 59 31.4, eiSn 21 00 08.2, D 5.7
PRU	eiPn 20 59 03, ei 59 10, ei 59 16, ei 59 50, ei 21 00 23, eiSg 00 49, Lm 01.3 (LH: 8s 5.2u; LV: 8s 1u), M 4.4, D 6.1
PRA	e 20 59 08, e 21 00 15, e 00 30, eSg 00 51, D 6.1
DECO3	21 06 21.5 Kurile Isl. 43.29 N 147.32 E, 37km, m 4.8 ISC
PRU	eiPC. 21 18 20 (1.0s 18mu), eiPcP 18 31.5, m 5.2, D 78.4
KHC	eiP 21 18 25.8, eiPcP 18 36.6, D 79.4
DECO4	04 32 50.4 N. Atlantic Ridge 27.16 N 44.3 W, 33km, m 4.6 ISC
KHC	eiP 04 41 38, D 49.2
DECO4	PRU iPg 08 56 36, iSg 56 55, (D 1.5)
DECO4	18 43 28 Dodecanese Isl. 36.34 N 26.98 E, 43km, m 4.4 ISC
KHC	eiP 18 47 15, ei 47 34.7, D 16.1
PRU	eP 18 47 15, e: 47 27, D 16.4
PRA	Lm 18 55, D 16.4

DECO4	18 52 18.4 Dodecanese Isl. 36.48 N 27.03 E, 36km ISC
KHC PRU	eiP 18 56 03.2 (2.0s 58mu), m 4.4, D 16.0 eP 18 56 08, e 56 21, D 16.3
DECO4	19 37 22 Dodecanese Isl. 36.50 N 27.02 E, 32km, m 4.7 ISC
KHC PRU PRA	eiP 19 41 06.5, ei 41 21.6, D 16.0 eiP 19 41 11 (1.0s 15mu), ei 41 22, m 4.1, D 16.2 Lm 19 49, D 16.2
DECO4	20 30 24.3 Dodecanese Isl. 36.71 N 27.2 E, 58km ISC
KHC	eiP 20 34 06.5, D 15.9
DECO4	21 41 35 Carlsberg Ridge 8.35 N 58.45 E, 58km, m 5.1 ISC
PRU KHC PRA	eiP 21 51 03 (1.0s 28mu), m 5.3, D 55.2 eiP 21 51 03.8 (1.0s 22mu), ei 51 26.5, m 5.1, D 55.3 eP 21 51 04, D 55.3
DECO5	07 52 11.1 Dodecanese Isl. 36.60 N 26.92 E, 31km, m 5.4 ISC
KHC PRU PRA	eiP 07 55 53.2 (1.1s 227mu), ei 55 55.8, ei 57 22, eiS 59 04.2, m 5.1, D 15.9 eiPC.N.W. 07 55 57.2 (3.3s 938mu, PH: 4s 2.3u, PV: 4s 1.1u), ei 56 33.5, ei 57 00, eiS 59 00 (SH: 10s 2.9u, SV: 10s 1u), Lm 03.8 (LH: 9s 18u, LV: 13s 3u), m 5.4, M 5.6, MPH 5.8, MPV 5.3, MSH 6.7, D 16.1 ePC.N.W. 07 56 01 (PH: 4s 2.9u, PV: 4.5s 2.9u), e(S) 59 13. Lm 08 04 (LH: 9s 18.5u, LV: 9s 14.8u), M 5.6, MPH 5.8, MPV 5.7, D 16.2
DECO5	09 01 28 N. Sumatra 5.10 N 95.87 E, 49km, m 4.9 ISC
PRU KHC	eP 09 13 37, D 80.5 eP 09 13 39, D 81.1
DECO5	09 44 11.4 Iceland 63.95 N 21.75 W, 5km, m 5.5 ISC
PRU PRA	iPC.S.E. 09 49 25 (2.2s 900mu, PH: 4s 2u, PV: 4s 1.6u), ei 49 41, ei 50 06, eiS 53 44 (SH: 9s 10u, SV: 9s 1.6u), Lg 55 12, Lm 10 01.6 (LH: 12s 32u, LV: 12s 9.5u), m 5.9, M 5.8, MPH 6.2, MPV 5.9, MSH 6.2, D 23.8 ePC.S. 09 49 28 (PH: 4s 2.6u, PV: 3.5s 4.3u), e(PP) 50 15 (PPH: 5s 2.4u), e(S) 53 51 (SH: 7s 7.8u), Lm 10 01.5 (LH: 11s 20.5u), M 5.9, MPH 6.1, MPV 6.4, MSH 6.1, D 23.4. Amplitudes of S and L waves measured on the Wiechert records.
DECO5	12 58 59.6 Japan 42.17 N 142.88 E, 67km, m 5.0 ISC
PRU KHC	eiPC. 13 10 51 (1.0s 23mu), eisP 11 13, m 5.1, D 77.7 eiPC. 13 10 56.5 (0.8s 22mu), eisP 11 17, m 5.1, D 78.8

DECO5	17 27 24 Dodecanese Isl. 36.54 N 26.9 E, 51km ISC
KHC	eP 17 31 08, D 15.9
DECO5	22 33 21.6 Yugoslavia 45.32 N 17.30 E, 0km ISC
KHC PRU PRA	eiPn 22 34 32.5, ei 34 49.5, eiSn 35 29, eiSg 35 58, D 4.6 ePn 22 34 42, ei 34 46.5, e 35 18, eiSn 35 40, ei 36 02, eiSg 36 14, D 5.0 eSg 22 36 20, D 5.1
DECO6	00 12 18.5 New Hebrides 14.95 S 167.36 E, 145km, m 4.6 ISC
KHC	ePKIKP 00 31 30.5, D 139.7
DECO6	08 24 42.6 Fiji 15.08 S 177.54 W, 382km, m 4.3 ISC
KHC	eiPKP 08 43 35, D 144.8
DECO6	11 59 Explosion of 4 Tons: Czechoslovakia 49.83 N 13.17 E PRU
KHC PRU	eiPg 11 59 21.5, eiSg 59 32.8, D 0.75 iPg 11 59 21.8, eiSg 59 34.8, D 0.90
DECO6	12 30 Explosion of 11 Tons: Czechoslovakia 49.95 N 14.97 E PRU
PRU PRA KHC	iPg 12 30 09.5, iSg 30 13, D 0.28 e 12 30 20, D 0.37 eiPg 12 30 28, eiSg 30 44, D 1.2
DECO6	Explosion of 7.1 Tons: Germany (Eschenlohe)
KHC PRU	eiPg 14 05 41, ei 06 06, ei 06 12.4, eiSg 06 21.8, (D 2.6) eiPn 14 05 51.5, eiSn 06 27, eiSg 06 42, (D 3.1)
DECO6	19 53 08 Austria 47.9 N 14.3 E VIE
KHC PRU	eiPg 19 53 34.5, eiSg 53 52.6, D 1.3 ePg 19 53 48, eiSg 54 14, D 2.1
DECO6	21 59 07.6 Samoa 16.9 S 172.5 W, 33km, m 4.7 ISC
PRU PRA KHC	eiPKP 22 18 48, D 146.5 ePKP 22 18 50, D 146.4 ePKHKP 22 18 53, ei 19 02.6, D 147.5
DECO7	04 57 57.2 Bismarc Sea 3.63 S 146.18 E, 74km, m 5.6 ISC
PRU KHC	ePKIKP 05 16 35, e 17 35, eiPP 18 02, eiPPP 20 24, ei 26 32, eiPS 27 36, ei 30 26, eiSSS 38 22, eL 50, Lm 06 07 (LH: 23s 21u), M 6.9, D 118.4 eiPKIKP 05 16 44.5, ei 16 58, eiPP 18 05.2, ei 21 12.3, D 119.4

DECO7 PRU	P6 11 18.2 N. Atlantic Ridge 46.80 N 27.39 W, 33km, m 4.4 ISC eP 06 17 05, e 17 38, D 27.8
DECO7	KHC eiPg 10 48 39.7, ei 49 03.2, eiSg 49 07, (D 2.1) PRU ei 10 49 18, e 49 27, eiSg 49 40.5
DECO7	PRU iPg 12 51 32, iSg 51 49, (D 1.3) KHC eiPg 12 51 47.2, eiSg 51 15.5, (D 2.2)
DECO7	15 40 58.1 Aleutian Isl. 51.50 N 175.68 E, 37km, m 5.4 ISC
PRA PRU KHC	eP 15 52 52, Lm 16 35, D 77.6 eiP 15 52 52.5 (1.5s 71mu), ei 53 46, eL 16 25, Lm 35 (LH: 17s 1.5u), m 5.6, M 5.4, D 77.6 eiP 15 52 58 (1.2s 94mu), ei 53 08.8, m 5.7, D 78.6
DECO7 PRA PRU KHC	15 46 41 Aleutian Isl. 51.48 N 175.68 E, 25km, m 5.1 ISC eP 15 58 35, D 77.6 eiPC. 15 58 36 (1.2s 30mu), m 5.3, D 77.6 iPC. 15 58 42.6 (1.0s 43mu), ei 59 25.2, m 5.4, D 78.6
DECO7 PRU KHC	15 53 05.7 Aleutian Isl. 51.47 N 175.55 E, 33km, m 4.7 ISC eP 16 05 01, D 77.6 eiP 16 05 05.6 (1.0s 22mu), m 5.1, D 78.6
DECO7 PRU KHC	15 56 13.4 Aleutian Isl. 51.35 N 175.53 E, 34km, m 4.9 ISC eP 16 08 07.5 (1.2s 52mu), m 5.5, D 77.8 eiP 16 08 14 (1.5s 136mu), m 5.8, D 78.2
DECO7 PRU KHC	16 00 26.0 Aleutian Isl. 51.62 N 175.71 E, 33km, m 4.7 ISC eP 16 12 19, D 77.5 eP 16 12 25, D 78.5
DECO7 PRU KHC	17 09 52.3 New Hebrides 13.98 S 166.68 E, 46km, m 5.1 ISC eiPKIKP 17 29 13, eiPKS 32 47.5, ei 32 53, D 137.5 eiPKIKP 17 29 13, eiPKS 32 50.5, ei 32 56.2, D 138.6
DECO7 KHC PRU	20 35 21.7 S. of Chile 44.87 S 80.29 W, 33km, m 5.7 ISC eiPKIKPD. 20 54 16.5 (1.4s 33mu), D 124.2 eiPKIKPD. 20 54 18.5 (1.7s 44mu), eiPP 56 09, Lm 21 43 (LH: 22s 1.3u), M 5.6, D 125.2
DECO7 PRU	21 35 46.9 New Hebrides 20.62 S 169.32 E, 79km, m 5.6 ISC eiPKPC. 21 55 14 (1.5s 238mu), ei 55 31, ePP 58 34, eL 22 37,

PRA KHC	Lm 56 (LH: 26s 2u), M 6.0, D 144.5 ePKPC. 21 55 14 (PV: 2.5s 1.3u), e 55 31, esPKP 55 44, D 144.5 iPKPC. 21 55 17.5 (1.5s 405mu), ipPKP 55 35.5, ei 59 20.6, D 145.6
DECO7	KHC eP 23 52 07 PRU eP 23 52 09
DECO8 KHC	07 27 10 W. of Macquarie Isl. 53.66 S 140.0 E, 28km ISC eiPKHKP 07 46 53.2, D 147.0
DECO8 PRU PRA KHC	09 08 33.6 Ryukyu Isl. 27.46 N 128.28 E, 46km, m 5.1 ISC eiPC. 09 20 57 (1.5s 41mu), m 5.4, D 83.2 eP 09 20 57, D 83.2 eiPC. 09 21 01.5 (1.3s 32mu), m 5.4, D 84.2
DECO8 KHC	12 22 30.3 Tonga 18.9 S 173.9 W, 33km, m 4.6 ISC ePKHKP 12 42 20, D 149.2
DECO8 PRA PRU KHC	19 58 32.7 Samoa 16.27 S 172.92 W, 33km, m 4.8 ISC ePKP 20 18 09, D 145.8 ePKP 20 18 10, ei 18 22.5, D 145.8 eiPKP 20 18 13.5, ei 18 26, D 146.8
DECO9 KHC PRU PRA	01 36 29.8 Spain 39.25 N 0.2 W, 96km, m 4.3 ISC eiP 01 39 39.5, ei 40 16, D 14.0 eP 01 40 01, eL 44, Lm 45.4 (LH: 12s 3u), M 4.6, D 15.0 Lm 01 45.5 (LH: 13s 2.8u), M 4.6, D 15.0
DECO9 KHC PRU PRA	01 51 25.6 N. Italy 46.00 N 7.70 E, 0km ISC ePn 01 52 43.5, eiPg 53 04, eiSg 54 10.8, D 5.1 ePn 01 52 56, ei 53 19.5, eiSn 54 02.5, eiSg 54 38, D 6.1 eSg 01 54 39, D 6.1
DECO9 KHC PRU PRA	05 12 54 Yugoslavia 45.4 N 14.1 E, 0km ISC ePn 05 13 46, ei 14 13.5, eiSg 14 47.5, D 3.8 ePg 05 14 19, eSn 14 51, eiSg 15 13, D 4.6 eSg 05 15 15, D 4.7
DECO9	PRU iPg 15 11 25.5, eiSg 11 27, (D 0.12) PRA e 15 11 29 KHC ePg 15 11 44, eiSg 11 58.5, (D 1.1)
DECO9	20 22 17.5 Dodecanese Isl. 36.52 N 27.12 E, 44km ISC

KHC PRU	eiP 20 26 00.5 (1.2s 22mu), ei 26 05.2, m 4.2, D 16.0 eP 20 26 07, D 16.3
DECO9 PRU	21 35 51.3 Poland 50.31 N 18.97 E, m 2.3 WAR ePg 21 36 43, eSg 37 26, D 2.9
DEC10 PRU KHC	04 49 27.8 Japan 40.68 N 145.40 E, 34km, m 4.6 ISC eiP 05 01 36, D 79.9 eiP 05 01 41.5, D 81.0
DEC10 KHC PRU PRA	11 28 35.6 Greece 38.83 N 21.44 E, 46km, m 4.4 ISC eiP 11 31 24, D 11.8 eP 11 31 36, e 32 14, eL 35, Lm 35.8 (LH: 10s 1.5u), M 4.4, D 12.2 Lm 11 36, D 12.2
DEC10	PRU ePg 11 47 46, eiSg 48 03, (D 1.3)
DEC10	PRU iPg 12 49 15, iSg 49 32, (D 1.3)
DEC10 PRU KHC PRA	13 00 Explosion of 8.7 Tons: Czechoslovakia 49.78 N 13.83 E PRU eiPg 13 00 21, eiSg 00 28.5, D 0.51 eiPg 13 00 24, eiSg 00 33.8, D 0.67 e 13 00 34, D 0.49
DEC10 KHC PRU	16 34 43 Loyalty Isl. 21.37 S 169.7 E, 33km ISC ePKP 16 54 19, D 146.4 ePKP 16 54 23, D 145.4
DEC11 KHC PRU	02 51 44 S. of Fiji 23.72 S 176.47 W, 250km, m 4.5 ISC ePKIKP 03 11 04, D 153.4 ePKHKP 03 11 13, e 11 50, D 152.4
DEC11 PRA PRU KHC	11 45 32.0 Japan 33.60 N 134.06 E, 42km, m 5.4 ISC eP 11 57 44, D 81.1 eiPC. 11 57 44 (1.2s 39mu), ei 57 54.7, eL 12 27, Lm 37 (LH: 16s 1.5u), m 5.3, M 5.5, D 81.1 iPC. 11 57 49.8 (1.0s 40mu), ei 12 00 47, m 5.5, D 82.1
DEC11	PRU eiPg 13 00 28.5, ei 00 48, eiSg 00 52, (D 1.8)
DEC11	20 28 14.3 N. Atlantic Ridge 24.10 N 45.48 W, 33km, m 4.8 ISC

KHC PRU	eiP 20 37 23 (1.5s 18mu), m 4.8, D 52.1 eP 20 37 29, D 52.8
DEC11 KHC	20 50 29.7 Crete 34.81 N 25.26 E, 63km ISC eP 20 54 21, ei 54 45.2, D 16.7
DEC11 KHC PRU PRA	21 34 11 S. of Fiji 23.95 S 176.13 W, 128km, m 5.1 ISC eiPKIKP 21 53 49.5, ei PKHKP 53 56.2, eiPP 57 43, D 153.7 eiPKHKP 21 53 55, eiPKP2 54 03, D 152.7 ePKHKP 21 53 56, ePKP2 54 05, D 152.7
DEC11 KHC PRU	22 30 52.1 Tonga 23.9 S 175.78 W, 33km, m 4.9 ISC ePKIKP 22 50 40, D 153.8 eiPKHKP 22 50 48, D 152.8
DEC12 PRU KHC PRA	00 24 39 Fiji 16.0 S 177.66 W, 13km, m 5.1 ISC eiPKP 00 44 15.5, ei 44 22, D 144.6 ePKP 00 44 17, D 145.7 e 00 44 22, D 144.6
DEC12 PRU KHC	05 25 37.7 Philippines 9.67 N 125.78 E, 122km, m 5.6 ISC eiPD. 05 38 52.8 (1.2s 35mu), e 39 39, m 5.7, D 95.9 eiPD. 05 38 56.2 (1.0s 27mu), m 5.6, D 96.8
DEC12 PRU PRA KHC	07 19 45.0 Fiji 15.95 S 177.82 W, 424km, m 5.4 ISC eiPKP 07 38 32, i 38 35.0, eipPKP 40 24, eiPP 42 28, D 144.6 ePKP 07 38 34, D 144.6 eiPKP 07 38 35, eipPKP 40 23.2, D 145.6
DEC12 KHC PRU	09 01 Explosion of 14 Tons: Czechoslovakia 50.13 N 12.23 E PRU eiPg 09 01 26.4, eiSg 01 44, D 1.3 iPg 09 01 29.5, iSg 01 50.0, D 1.5
DEC12 PRU PRA KHC	10 00 Explosion of 13.8 Tons: Czechoslovakia 50.42 N 13.83E PRU iPg 10 00 49, eiSg 00 57.5, D 0.63 eSg 10 00 58, D 0.50 eiPg 10 01 01.5, iSg 01 20, D 1.3
DEC12	KHC e 12 29 22, eiSg 29 30.5 PRU eiPg 12 29 35, eiSg 29 50, (D 1.2)
DEC12	17 30 30 Gulf of Aden 12.11 N 46.05 E, 28km, m 4.5 ISC

KHC PRU	eiP 17 38 49, D 45.6 eP 17 38 51, D 45.8
DEC13	00 47 25 N. Italy 45.5 N 10.1 E, Okm ISC
KHC PRU	eiPn 00 48 33.2, ei 49 10.2, eiSn 49 23.5, D 4.4 ePn 00 48 55, e 49 30, eiSn 49 50, D 5.4
DEC13	PRU ePg 09 26 02, eiSg 26 21, (D 1.4)
DEC14 PRU KHC	09 59 02.5 Aleutian Isl. 51.48 N 175.73 E, 33km, m 5.3 ISC eiP 10 10 57, eisP 11 20, e 21 24, eiPPS 21 48, eL 39, Lm 54 (LH: 16s 3.3u), M 5.7, D 77.5 eiP 10 11 02.6, D 78.6
DEC14 PRU KHC	10 20 Explosion of 12.5 Tons: Czechoslovakia 50.45 N 13.03 E iPg 10 20 42.7, ei 20 57.7, iSg 20 58.7, D 1.1 eiPg 10 20 47, eiSg 21 06, D 1.4
DEC14	PRU e 11 29 55, ei 29 56.7, ei(Sg) 30 10 KHC ePg 11 30 01, eiSg 30 15.5, (D 1.1)
DEC14 KHC	11 43 13.6 S. Indian Ocean 3.03 S 85.53 E, 32km, m 4.9 ISC eiP 11 55 25, D 80.6
DEC14 PRU KHC	PRU ePg 12 59 30.5, ei 59 39.5 KHC eiPg 12 59 36.2, eiSg 59 50.5, (D 1.1)
DEC14 KHC PRU	17 45 15.0 N. Italy 44.08 N 11.4 E, 33km ISC eiPn 17 46 29.5, ei 47 09, eiSg 48 11.8, D 5.3 eiPn 17 46 45, ei 47 52, eiSn 47 57, ei 48 07, D 6.3
DEC15 PRA PRU KHC	02 14 17.8 Aleutian Isl. 51.56 N 175.86 E, 33km, m 5.8 ISC eP 02 26 12 (PV: 4s 2.0u), MPV 6.6, D 77.5 eiPC. 02 26 14 (2.0s 333mu), ei 26 56, eiPP 29 08, eS 36 01, eiPS 36 40, e 41 16, eL 50, Lm 03 02.5 (LH: 20s 8.3u), m 6.1, M 6.1, D 77.6 iPC. 02 26 17.6 (1.6s 400mu), ei 27 50, eiPP 29 20, m 6.2, D 78.6
DEC15 PRA PRU KHC	02 28 31.9 Aleutian Isl. 51.67 N 175.76 E, 29km, m 5.4 ISC eP 02 40 25, D 77.4 eiP 02 40 30 (2.0s 125mu), ei 40 46, ei 43 09, m 5.7, D 77.5 eiP 02 40 32.2 (1.4s 131mu), ei 41 38, m 5.9, D 78.4

DEC15 PRU KHC	09 02 29.1 W. of Tonga 20.63 S 177.86 W, 443km, m 4.6 ISC eiPKHKP 09 21 26.7, D 149.1 eiPKHKP 09 21 29.2 (0.9s 16mu), D 150.1
DEC15 PRA PRU KHC	14 01 46.5 Kurile Isl. 49.51 N 155.80 E, 79km, m 5.4 ISC eP 14 13 23, D 75.4 eiP 14 13 23 (1.1s 25mu), m 5.1, D 75.5 eiPC. 14 13 29.4 (1.0s 43mu), m 5.3, D 76.5
DEC15 KHC	21 37 56.9 Zambia 13.47 S 26.60 E, 33km, m 5.1 ISC eiP 21 48 25.6 (1.0s 16mu), m 5.1, D 63.4
DEC16 KHC PRU	03 07 24.6 S. of Panama 7.14 N 82.29 W, 16km, m 5.3 ISC eiP 03 20 18.4, D 88.5 eP 03 20 22, D 89.0
DEC16 PRU KHC	10 46 45.2 New Hebrides 18.08 S 168.13 E, 34km, m 5.2 ISC ePKP 11 06 09, e 08 27, e 09 20, D 141.8 ePKP 11 06 12, D 142.8
DEC16 KHC PRU	11 27 12.1 S. of Fiji 24.34 S 179.29 E, 541km, m 4.5 ISC ePKIKP 11 46 00, eiPKHKP 46 08.4, eiPKP2 46 22.8, D 152.8 eiPKHKP 11 46 06, eiPKP2 46 18, eipPKP 48 17.5, D 151.8
DEC16	KHC eiPg 13 51 38, eiSg 51 52, (D 1.1)
DEC16 PRU KHC	18 19 34.4 W. of Tonga 20.02 S 177.99 W, 351km, m 4.3 ISC ePKIKP 18 38 40, D 148.5 ePKIKP 18 38 42, D 149.5
DEC16 PRU KHC PRA	21 22 57.4 Japan 39.78 N 143.63 E, 27km, m 4.9 ISC eiP 21 35 06, D 80.0 eiPC. 21 35 11.5, ei 35 36.2, D 81.1 e 21 35 14, D 80.0
DEC17	PRU eiPg 10 34 59.8, eiSg 35 16.8, (D 1.4)
DEC17 PRU	12 02 14.8 S. Alaska 60.15 N 152.82 E, 82km, m 6.0 ISC eiP 12 13 16.2 (1.2s 191mu), eisP 13 50.7, ei 16 19, eiS 22 17 (SH: 16s 15u), eiPS 22 51, eiScS 23 07, Lm 34.5 (LH: 22s 16u), eiPKPKP 41 16.7, m 5.9, M 6.5, MSH 6.7, D 69.7

PRA KHC	eP 12 13 21 (PV: 5s 2.4u), epP 13 46, e(sP) 13 54, e 14 08, ePP 16 06, e 16 26, eS 22 22 (SH: 9s 11.3u), ePS 22 50, e 23 26, ePKPPKP 41 15, MPV 6.3, MSH 6.8, D 69.7 eiP 12 13 21.6 (1.1s 351mu), isP 13 59, ei 15 58, eiPKPPKP 41 12, m 6.2, D 70.5
DEC17	22 16 21 Japan 39.79 N 143.65 E, 10km, m 4.9 ISC
PRA PRU KHC	eP 22 28 32, D 80.0 eiPC. 22 28 32.7 (1.0s 15mu), m 4.9, D 80.0 eiP 22 28 38.5 (1.0s 24mu), m 5.2, D 81.1
DEC17	22 30 43 Japan 39.81 N 143.57 E, 28km, m 4.6 ISC
PRA KHC	eP 22 42 53, D 80.0 eiP 22 42 58, D 81.1
DEC18	04 37 55 Loyalty Isl. 21.75 S 169.75 E, 56km, m 4.7 ISC
PRA KHC	eiPKP 04 57 28.3 (1.0s 22mu), D 145.7 eiPKPC. 04 57 32 (1.0s 54mu), D 146.8
DEC18	05 01 57.1 E. Kazakhstan 49.72 N 78.12 E, 0km, m 5.0 ISC
PRA KHC	eiP 05 09 35.8, D 39.9 eiP 05 09 43, D 40.8
DEC18	PRU eiPg 10 54 52.5, eiSg 55 14.5, (D 1.6)
DEC18	17 28 10.2 Tonga 19.35 S 173.37 W, 33km, m 4.8 ISC
PRA KHC	ePKHKP 17 47 57, e 48 08, D 148.8 eiPKHKP 17 48 00, D 149.8
DEC18	19 40 35.5 Japan 40.86 N 143.18 E, 41km, m 4.2 ISC
PRA	eP 19 52 40, D 78.9
DEC18	20 03 44.9 W. of Tonga 19.86 S 177.66 W, 374km, m 5.6 ISC
KHC PRU PRA	eiPKIKP 20 22 46.5, iPKHKP 22 51.5, D 149.4 eiPKHKP 20 22 49.7 (1.2s 52mu), eipPKP 24 27.3, ei 25 53.2, eiPKS 26 17, D 148.4 ePKHKP 20 22 50, D 148.4
DEC18	20 56 54 Carlsberg Ridge 8.28 N 58.54 E, 98km, m 4.8 ISC
PRA KHC	eP 21 06 17, D 55.3 eiP 21 06 18.5, ei 06 39.8, D 55.4
DEC19	05 17 51.5 Hindu Kush 36.15 N 70.08 E, 148km, m 5.7 ISC

PRU PRA KHC	iPC. 05 25 29.7 (1.4s 213mu), ipP 26 03, eiPP 27 08, eisPP 27 39, ei 30 56.5, eS 31 36, eisS 32 34, eiSS 34 46, m 5.7, D 41.9 ePC. 05 25 31 (PV: 1.6s 0.8u), epP 26 03, ePP 27 10, ePPP 27 46, e 28 00, eSS 34 58, MPV 6.2, D 42.0 iPC. 05 25 35.0 (1.3s 96mu), ipP 26 08.8, eiPP 27 13.2, eisPP 27 48.5, m 5.4, D 42.6
DEC19	PRU iPg 11 07 38, eiSg 07 58, (D 1.5) KHC iPg 11 07 54, eiSg 08 29
DEC19	15 15 58.7 E. of Kamchatka 53.42 N 160.20 E, 51km, m 5.7 ISC
PRU PRA KHC	iPC. 15 27 24.7 (1.0s 113mu, PV: 5s 0.7u), eisP 27 42, ei 28 24, eiS 36 48, e 37 10, e 41 52, e 45 32, eL 51, Lm 16 06.5 (LH: 15s 5.3u), m 5.8, M 6.0, MPV 5.8, D 73.0 iPC. 15 27 25.0 (PV: 4s 1.3u), e 27 49, eS 36 47, Lm 16 06.5 (LH: 15s 4.9u, LV: 15s 5.3u), M 5.9, MPV 6.5, D 72.9 iPC. 15 27 31.1 (1.0s 172mu), i 27 50.0, m 5.9, D 74.0
DEC19	16 30 00 Nuclear Explosion "BENHAM" 37.23 N 116.47 W USAEC, m 6.3 ISC
PRU PRA KHC	iPC. 16 42 26.6 (1.5s 357mu, PV: 2s 0.5u), ei 42 43, ei(PP) 45 27, eL 17 10, Lm 22.8 (LH: 15s 2.4u, LV: 15s 1.2u), m 6.4, M 5.7, MPV 6.4, D 83.0 ePC. 16 42 27 (PV: 2s 1.0u), Lm 17 23 (LH: 14s 2.6u, LV: 14s 2.2u), M 5.8, MPV 6.7, D 82.9 iPC. 16 42 28.5 (1.5s 373mu), ei 42 43.8, eiPP 45 40, m 6.4, D 83.3
DEC19	20 25 40 Loyalty Isl. 22.9 S 171.3 E, 0km ISC
KHC	ePKP 20 45 20, D 148.5
DEC20	Probably explosion.
PRU KHC	iPg 10 29 35.5, iSg 29 37, (D 0.12) eiPg 10 29 54, eiSg 30 09, (D 1.1)
DEC20	PRU eiPg 11 08 54, eiSg 09 10.5, (D 1.3)
DEC20	Explosion of 10.4 Tons: Czechoslovakia 50.56 N 14.01 E PRU
PRU	ePg 11 59 50, (D 0.70)
DEC20	PRU e 12 14 13, ei 14 19 KHC eiPg 12 14 26, eiSg 14 45, (D 1.4)
DEC20	PRU eiPg 13 30 54, ei 31 20, ei(Sg) 31 23, (D 2.3) KHC e 13 30 56, eiSg 31 30

DEC20	16 41 39.7 S. of Tonga 24.49 S 175.61 W, 64km, m 5.0 ISC
PRU KHC	ePKHKP 17 01 32, D 153.3 eiPKHKP 17 01 34, D 154.4
DEC20	21 41 58 Philippines 9.23 N 125.49 E, 74km, m 5.0 ISC
PRU KHC	eP 21 55 30.5, D 96.1 eP 21 55 32, D 97.0
DEC21	00 36 40 Dodecanese Isl. 36.60 N 27.07 E, 30km, m 4.5 ISC
KHC PRU PRA	eiP 00 40 22.8, ei 40 28.5, D 15.9 eiPC. 00 40 30.2 (1.2s 27mu), e 41 16, Lm 46.8 (LH: 12s 2.7u), m 4.3, M 4.6, D 16.2 eP 00 40 32, D 16.3
DEC21	03 04 40.2 Dodecanese Isl. 36.60 N 27.3 E, 0km ISC
KHC	eP 03 08 24, D 16.0
DEC21	03 54 32 Dodecanese Isl. 36.56 N 27.4 E, 30km ISC
KHC	eiP 03 58 17, D 16.1
DEC21	PRU e 12 51 24, ei 51 31 KHC e 12 51 29, ei 51 37, ei 51 45
DEC21	12 58 14.0 Japan 40.66 N 143.82 E, 26km, m 4.8 ISC
PRU KHC	eiPC. 13 10 19.5 (1.0s 18mu), eiPcP 10 30, m 5.1, D 79.4 eiP 13 10 24.8 (1.0s 22mu), eiPcP 10 34.9, m 5.0, D 80.4
DEC21	22 06 09 Tonga 21.1 S 174.07 W, 6km, m 4.6 ISC
PRU KHC	eiPKHKP 22 26 03, D 150.4 eiPKHKP 22 26 05, D 151.4
DEC22	01 46 34.9 S. of Kermadec Isl. 33.29 S 176.88 W, 39km, m 4.8 ISC
KHC	eiPKP2 02 07 21, D 162.4
DEC22	PRU eiPg 07 07 18, eSg 07 26, (D 0.62) KHC eiPg 07 07 26, eiSg 07 39.5, (D 1.0)
DEC22	09 06 35 China 36.25 N 101.83 E, 21km, m 5.5 ISC
PRU KHC	eiP 09 16 54 (1.5s 48mu), e(PP) 19 29, m 5.5, D 61.7 eiP 09 16 59.5 (1.5s 45mu), ei 17 29, m 5.4, D 62.6

DEC22	PRU eiPg 09 58 37.5, ei 58 55.5, eiSg 59 05, (D 2.2) KHC e 09 58 49, eiSg 59 13.5
DEC22	KHC eiPg 11 48 44, eiSg 48 51.5, (D 0.57) PRU eiPg 11 48 54.5, ei 48 55.7, eiSg 49 09, (D 1.1)
DEC22	12 41 44.2 W. of Tonga 20.37 S 177.89 W, 552km, m 4.3 ISC
PRU KHC	eiPKHKP 13 00 31 (0.9s 29mu), D 148.8 eiPKHKP 13 00 33.2, eiPKP2 00 41.3, D 149.9
DEC22	16 44 43.5 Kodiak Isl. 56.30 N 153.84 W, 25km, m 5.4 ISC
PRU KHC PRA	eiPC. 16 56 17 (1.5s 48mu), ei 58 41, m 5.3, D 73.6 iPC. 16 56 21.4 (1.3s 79mu), ipP 56 29.2, m 5.6, D 74.4 e(P) 16 56 22, D 73.6
DEC23	04 05 40.2 Kodiak Isl. 56.39 N 153.88 W, 24km, m 4.6 ISC
PRU KHC	eP 04 17 13, eipP 17 20.5, D 73.6 eiP 04 17 17.2, eipP 17 25, D 74.3
DEC23	09 55 14.4 Tonga 22.5 S 174.4 W, 33km, m 4.6 ISC
PRU	ePKHKP 10 15 09, D 151.7
DEC23	11 34 41.7 S. Italy 39.78 N 17.10 E, 51km ISC
KHC PRU	eiP 11 36 58.5, ei 37 06.7, D 9.7 eiP 11 37 08, e 39 38, D 10.4
DEC23	21 03 15 Probably explosion: Jan Mayen 71 N 1 W UPP
PRU	eP 21 08 16, D 22.3
DEC24	12 01 28.2 Kurile Isl. 43.44 N 146.77 E, 46km, m 4.7 ISC
PRU KHC	eiPC. 12 13 24 (1.0s 15mu), m 5.1, D 78.0 eiPC. 12 13 29.7 (1.0s 22mu), m 5.1, D 79.1
DEC24	12 59 38.5 Philippines 18.12 N 120.19 E, 47km, m 5.2 ISC
PRU KHC	eiP 13 12 15.5 (1.4s 31mu), eipP 12 26.5, m 5.2, D 86.0 eiP 13 12 20.5, D 86.9
DEC24	16 20 25.2 Japan 40.26 N 143.16 E, 37km, m 4.4 ISC
PRU KHC	eP 16 32 30, D 79.4 eiP 16 32 35.7, D 80.5
DEC25	00 36 07 W. of Tonga 20.7 S 178.42 W, 582km, m 4.5 ISC

PRU KHC	eiPKHKPD. 00 54 51.5 (1.0s 15mu), D 149.0 eiPKHKP 00 54 54 (1.0s 16mu), eiPKP2 55 02.7, D 150.1
DEC25	03 56 39.2 Japan 41.77 N 142.84 E, 32km, m 5.3 ISC
PRA PRU KHC	eP 04 08 36, Lm 53, D 78.0 eiPD. 04 08 36.6 (1.0s 38mu), eiPcP 08 41.5, ei 09 08, Lm 40.5, m 5.5, D 78.0 eiPD. 04 08 41.8 (1.0s 43mu), eisP 08 58.5, m 5.4, D 79.1
DEC25	08 25 28.7 S. of Kermadec Isl. 32.06 S 177.80 W, 33km, m 4.8 ISC
PRU KHC	eiPKP2 08 46 03.5, ei 46 18.5, D 159.8 eiPKP2 08 46 08, D 160.9
DEC25	12 17 19.1 Crete 34.99 N 24.31 E, 58km, m 5.0 ISC
KHC PRU PRA	eiP 12 21 01, ei 21 07.2, ei 24 14, D 16.2 eiP 12 21 10 (1.0s 54mu), ei 21 33, ei 24 20.5, Lm 28, m 4.7, D 16.6 eP 12 21 12, e 24 25, Lm 29, D 16.7
DEC25	22 41 15 Kermadec Isl. 30.84 S 177.91 W, 33km, m 4.9 ISC
KHC PRU	ePKIKP 23 01 10, D 159.8 ePKP2 23 01 44, D 158.7
DEC27	14 38 12 India - E.Pakistan 24.12 N 91.61 E, 27km, m 5.1 ISC
PRU KHC	eiP 14 48 44, ipP 48 54, D 63.8 eiP 14 48 48.3, eipP 48 57.5, D 64.5
DEC28	02 58 06.2 S. of Fiji 22.35 S 179.46 W, 578km, m 4.4 ISC
PRU	ePKHKP 03 16 54, D 150.3
DEC28	20 02 11 Loyalty Isl. 20.10 S 168.7 E, 21km, m 4.4 ISC
KHC	eiPKP 20 21 46, D 145.7
DEC29	01 55 31.0 Kermadec Isl. 30.29 S 177.80 W, 48km, m 5.1 ISC
KHC PRU	eiPKIKP 02 15 22.5, eiPKP2 16 04.2, D 159.3 ePKHKP 02 15 37, eiPKP2 16 03, D 158.2
DEC29	KHC ei 03 22 03.6, ei 23 06 PRU e 03 22 22, ei(Sg) 23 32
DEC29	PRU eiP 04 28 38.8 KHC eiP 04 28 42.6

DEC29	05 13 29.4 Tonga 15.59 S 173.36 W, 125km, m 4.9 ISC
PRU KHC	eiPKPD. 05 32 54.5 (1.5s 29mu), D 145.1 eiPKPD. 05 32 58 (1.2s 51mu), ei 33 06.4, D 146.1
DEC29	07 15 53.6 Philippines 13.63 N 120.40 E, 46km, m 5.2 ISC
PRU PRA KHC	eP 07 28 53, e 29 34, ePP 32 16, eS 39 36, e 40 24, eSS 45.6, eL 08 02, Lm 08 (LH: 21s 3.8u), M 5.8, D 89.6 eP 07 28 53, Lm 08 12 (LH: 16s 2.1u, LV: 16s 1.3u), M 5.6, D 89.6 eiP 07 28 56.6, ei 29 04.2, eiPP 32 26, D 90.5
DEC29	08 38 40.8 New Britain 5.19 S 151.74 E, 59km, m 5.1 ISC
KHC	eipPKP 08 57 47.2, D 123.7
DEC29	16 29 29.3 Argentina 24.07 S 66.81 W, 191km, m 5.2 ISC
PRU	eP 19 43 07.3, D 102.8
DEC29	17 36 30.6 Mexico 14.48 N 92.38 W, 66km, m 5.3 ISC
KHC PRU	eiP 17 49 21.5, eipP 49 46.2, D 89.3 eiP 17 49 22.5, epP 49 42, e(S) 18 00 26, eL 22, Lm 34.5 (LH: 18s 1.3u), M 5.5, D 89.6
DEC29	18 49 51.5 Mexico 14.84 N 94.03 W, 57km, m 4.3 ISC
KHC PRU	eiP 19 02 47.2, D 90.0 eP 19 02 50, D 90.3
DEC29	20 03 19.6 W. of Tonga 20.24 S 177.92 W, 555km, m 4.5 ISC
PRU KHC	eiPKHKPD. 20 22 05.3 (1.0s 29mu), D 148.7 ePKHKPD. 20 22 08 (1.0s 22mu), eiPKP2 22 16.1, D 149.7
DEC30	04 48 41.1 Samoa 16.27 S 172.54 W, 33km, m 5.2 ISC
PRA PRU KHC	ePKP 05 08 18, epPKP 08 28, D 145.9 eiPKP 05 08 18.5 (1.0s 18mu), eipPKP 08 30.5, D 145.9 eiPKP 05 08 21.7, eipPKP 08 34.5, D 146.9
DEC30	07 03 10.0 Kodiak Isl. 57.58 N 151.36 W, 19km, m 5.4 ISC
PRU KHC	eiPC. 07 14 34.8 (1.2s 26mu), eisP 14 44, m 5.2, D 72.2 eiP 07 14 40.3 (1.2s 51mu), eisP 14 49.7, m 5.5, D 72.9
DEC30	09 12 16 S. Pacific Cordillera 55.9 S 128.4 W, 33km, m 4.8 ISC
PRU	ePKP2 09 32 34, D 157.1

DEC30	10 27 10.9 Svalbard 76.32 N 7.9 E, 24km, m 4.8 ISC
PRU	eiP 10 32 47.3 (1.0s 23mu), ei 32 55, ei 34 08, eS 37 26, eL 40.5, Lm 42.7 (LH: 21s 2.1u), m 4.9, M 4.5, D 26.6
PRA	eP 10 32 49, e 33 10, ePP 33 33, eS 37 25, e 37 48, Lm 49 (LH: 10s 0.9u, LV: 10s 0.9u), M 4.6, D 26.5
KHC	eiP 10 32 55 (1.0s 8mu), ei 33 01.8, ei 33 23.2, m 4.4, D 27.4
DEC30	PRU eiPg 12 48 57.3, eiSg 49 20.3, (D 1.7) KHC e 12 48 59.5, eiSg 49 27.8
DEC30	PRU eiPg 13 32 11.8, eiSg 32 35.8, (D 1.8) KHC e 13 32 23, eiSg 32 55
DEC30	22 11 38 Taiwan 23.26 N 121.50 E, 27km, m 4.7 ISC
PRU	eP 22 24 01, D 82.7
KHC	eiP 22 24 06, D 83.7
DEC31	KHC ei 06 01 20.5, ei 02 32
DEC31	KHC ei 17 06 31, ei 07 08.5, ei 07 28.4 PRU e 17 06 46, e 07 23.5, e 07 53

Microseismic agitation at Praha in 1968

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			0.0			3	3.9	0.1	3	4.0	0.1
2	0.0			3	3.9	0.1	3	4.4	0.1	3	4.0	0.1
3	3	3.9	0.1	3	4.7	0.2	3	4.8	0.2	3	4.7	0.2
4	3	4.7	0.1	3	4.3	0.2	3	4.1	0.2	3	4.0	0.1
5	0.0			3	4.1	0.1	3	4.3	0.1	0.0		
6	3	4.0	0.1	3	3.9	0.1	3	4.3	0.2	3	4.1	0.1
7	3	4.0	0.1	3	4.1	0.1	3	4.0	0.1	3	4.1	0.2
8	3	4.1	0.1	3	4.5	0.2	3	4.2	0.1	3	4.2	0.1
9	3	4.0	0.1	3	4.2	0.1	3	4.5	0.2	3	4.1	0.1
10	3	3.9	0.1	3	4.0	0.2	3	3.9	0.2	3	3.8	0.1
11	3	3.7	0.1	3	3.9	0.2	3	4.0	0.2	3	3.9	0.1
12	3	3.8	0.1	3	4.3	0.1	3	4.1	0.1	3	4.0	0.1
13	0.0			3	3.9	0.1	0.0			0.0		
14	0.0			0.0			3	4.0	0.1	3	3.9	0.1
15	0.0			3	4.6	0.2	3	4.4	0.2	3	4.4	0.1
16	3	4.2	0.1	3	4.1	0.1	3	4.3	0.1	3	4.2	0.1
17	3	4.0	0.1	3	4.0	0.2	3	4.1	0.1	3	4.2	0.1
18	3	3.9	0.1	3	4.2	0.1	3	4.0	0.1	3	4.3	0.1
19	0.0			3	4.5	0.1	3	4.4	0.2	...		
20	3	4.7	0.1	3	5.0	0.1	3	5.1	0.2	3	4.8	0.1
21	3	5.1	0.2	3	5.0	0.1	3	5.2	0.1	3	4.4	0.1
22	3	4.3	0.1	3	4.4	0.2	3	4.2	0.1	3	3.9	0.1
23	0.0			3	4.0	0.1	3	3.9	0.1	3	3.7	0.1
24	3	3.6	0.1	...			3	4.9	0.2	3	4.4	0.2
25	3	4.5	0.1	3	4.6	0.2	3	4.3	0.2	3	4.7	0.2
26	3	5.2	0.4	tt			3	5.3	0.4	3	4.5	0.2
27	3	4.3	0.1	...			3	4.3	0.2	3	4.5	0.1
28	3	4.9	0.2	3	5.2	0.4	3	5.0	0.4	3	5.5	0.4
29	3	5.3	0.2	3	4.1	0.2	tt			3	4.3	0.2
30	3	4.0	0.1	3	4.3	0.2	3	4.4	0.1	3	4.3	0.2
31	3	4.6	0.1	3	4.6	0.2	3	4.1	0.2	3	4.4	0.2

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			3	4.0	0.1	3	4.0	0.1	0.0		
2	0.0			3	3.9	0.1	3	4.4	0.3	3	4.0	0.1
3	3	4.2	0.3	3	4.4	0.4	3	4.8	0.4	3	4.7	0.3
4	3	4.5	0.1	3	4.1	0.3	3	4.0	0.3	3	3.9	0.3
5	3	4.2	0.1	3	4.0	0.1	3	3.9	0.1	3	4.1	0.1
6	0.0			3	4.3	0.3	vv			3	4.0	0.1
7	3	3.9	0.1	3	3.8	0.1	3	4.0	0.1	3	4.2	0.1
8	3	3.9	0.3	3	4.3	0.3	3	4.6	0.3	3	4.1	0.1
9	3	4.0	0.1	3	4.1	0.3	3	4.4	0.3	3	4.0	0.1
10	3	3.7	0.1	3	4.0	0.3	3	4.3	0.3	3	3.9	0.3
11	3	4.0	0.1	3	4.1	0.4	3	4.2	0.3	3	4.1	0.1
12	3	4.2	0.1	3	4.2	0.3	3	4.4	0.1	3	4.0	0.1
13	0.0			3	3.9	0.3	3	3.8	0.1	3	3.7	0.1
14	0.0			3	4.4	0.1	3	4.2	0.1	3	4.2	0.1
15	0.0			3	4.4	0.3	3	4.1	0.3	3	4.0	0.3
16	vv			3	4.0	0.1	3	4.1	0.3	3	4.0	0.3
17	3	3.9	0.1	3	3.5	0.1	3	3.9	0.3	3	3.7	0.3
18	3	3.9	0.3	3	4.4	0.3	3	4.2	0.3	3	4.1	0.3
19	3	4.3	0.1	3	4.4	0.1	3	4.6	0.1	...		
20	3	4.4	0.3	3	4.7	0.3	3	5.5	0.4	...		
21			3	5.4	0.2	3	5.1	0.3
22	3	4.6	0.3	3	4.3	0.3	3	3.9	0.1	3	3.9	0.1
23	0.0			3	3.7	0.1	3	3.9	0.1	3	3.9	0.1
24	3	4.0	0.1	...			3	4.9	0.2	3	4.4	0.1
25	...			3	4.1	0.3	3	4.3	0.3	3	4.0	0.3
26	3	5.1	0.4	tt			3	4.9	0.4	3	5.0	0.1
27	3	4.5	0.1		
28		
29			tt			3	4.0	0.3
30	3	3.9	0.1	3	4.1	0.1	3	4.0	0.1	3	4.1	0.1
31	3	4.3	0.1	3	4.4	0.1	3	4.2	0.1	0.0		

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	3	4.2	0.1	3	4.0	0.2	3	3.9	0.2	3	4.1	0.2
2	3	3.8	0.1	3	3.9	0.1	3	3.9	0.2	3	4.0	0.1
3	3	3.8	0.1	3	4.0	0.2	3	3.7	0.1	3	3.9	0.1
4	3	4.0	0.1	3	3.9	0.1	tt			3	4.4	0.2
5	3	4.6	0.2	3	5.0	0.4	3	5.4	0.4	3	4.9	0.2
6	3	4.7	0.2	3	4.5	0.2	3	5.0	0.4	3	4.4	0.2
7	3	4.5	0.2	3	4.1	0.2	3	4.0	0.2	3	3.9	0.1
8	0.0			3	3.9	0.1	3	4.2	0.1	3	3.7	0.1
9	3	3.5	0.1	3	3.8	0.2	3	3.9	0.2	3	3.7	0.1
10	3	3.3	0.1	3	3.6	0.1	0.0			3	4.0	0.1
11	3	3.4	0.1	3	3.9	0.1	3	4.0	0.2	3	4.1	0.2
12	3	4.0	0.1	3	4.2	0.4	3	4.1	0.2	3	4.0	0.2
13	3	4.1	0.1	3	4.2	0.4	3	4.1	0.4	3	3.9	0.2
14	3	4.3	0.2	3	4.3	0.4	3	4.3	0.4	3	4.2	0.2
15	3	4.0	0.2	3	3.9	0.4	3	4.1	0.4	3	4.1	0.2
16	3	4.0	0.2	3	4.6	0.4	3	4.5	0.4	3	4.0	0.1
17	0.0			3	3.8	0.1	3	4.0	0.1	3	4.0	0.1
18	3	4.1	0.1	3	3.9	0.1	0.0			0.0		
19	3	3.4	0.1	3	3.9	0.2	3	4.1	0.2	3	3.9	0.1
20			3	3.8	0.1
21	3	3.9	0.1	3	4.0	0.2	3	3.8	0.1	3	3.4	0.1
22	0.0			3	4.0	0.2	3	3.9	0.4	3	3.9	0.4
23	3	4.0	0.2	3	4.1	0.4	3	4.3	0.2	3	4.1	0.1
24	3	3.9	0.1	3	3.3	0.1	3	3.6	0.1	0.0		
25	0.0			3	3.5	0.1	3	3.4	0.1	3	3.5	0.1
26	0.0			3	3.9	0.1	tt			3	3.8	0.1
27	0.0			3	3.8	0.2	3	4.0	0.2	3	3.9	0.1
28	3	3.7	0.1	3	4.3	0.2	3	4.5	0.2	3	4.4	0.2
29	3	4.9	0.2	3	4.7	0.4	3	4.8	0.4	3	4.7	0.2

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			3	4.2	0.1	3	4.0	0.1	3	3.9	0.1
2	0.0			3	3.9	0.1	3	4.0	0.1	0.0		
3	0.0			3	4.2	0.1	3	4.0	0.1	0.0		
4	0.0			3	3.9	0.1	tt			3	4.3	0.1
5	3	4.5	0.1	3	4.6	0.3	3	5.0	0.3	3	5.1	0.3
6	3	4.3	0.1	3	4.1	0.3	3	5.0	0.3	3	4.8	0.3
7	3	4.2	0.1	3	3.9	0.1	3	4.0	0.1	3	3.9	0.1
8	0.0			3	3.7	0.1	3	3.9	0.1	3	3.6	0.1
9	0.0			3	3.4	0.1	3	3.6	0.1	0.0		
10	0.0			0.0			0.0			0.0		
11	3	3.3	0.1	0.0			3	4.0	0.1	3	3.9	0.3
12	3	3.9	0.3	3	4.2	0.4	3	4.0	0.3	3	3.9	0.1
13	3	4.0	0.1	3	4.1	0.3	3	4.1	0.3	3	3.9	0.1
14	3	4.0	0.1	3	4.1	0.3	3	4.5	0.3	3	3.8	0.1
15	3	3.9	0.1	3	3.9	0.3	3	4.0	0.3	3	3.7	0.3
16	3	3.9	0.1	3	4.9	0.3	3	4.5	0.3	0.0		
17	0.0			0.0			3	3.5	0.1	3	3.6	0.1
18	0.0			0.0			3	3.9	0.1	3	3.9	0.3
19	3	3.7	0.1	3	3.9	0.1	3	4.2	0.1	0.0		
20			3	3.9	0.1	3	3.7	0.1
21	0.0			3	3.7	0.1	...			0.0		
22	0.0			3	3.9	0.1	3	4.0	0.3	3	3.9	0.3
23	3	4.0	0.1	3	4.1	0.3	3	4.4	0.1	3	3.9	0.1
24	0.0			0.0			0.0			0.0		
25	0.0			0.0			0.0			0.0		
26	0.0			3	3.6	0.1	tt			0.0		
27	0.0			3	3.7	0.1	3	3.9	0.1	3	3.6	0.1
28	0.0			3	4.0	0.1	3	3.9	0.1	3	3.9	0.1
29	3	4.4	0.1	3	4.5	0.3	3	5.0	0.3	3	4.5	0.3

Microseismic agitation
Instrument: Wiechert NS

March 1968

Praha

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	3	4.3	0.1	3	4.2	0.2	3	4.5	0.2	3	4.1	0.1
2	3	3.7	0.1	3	4.2	0.2	3	4.0	0.2	3	4.1	0.2
3	0.0			0.0			3	4.0	0.1	3	3.7	0.1
4	0.0			3	4.6	0.2	3	4.3	0.2	3	4.5	0.2
5	3	4.1	0.2	3	4.3	0.4	3	4.3	0.4	3	4.1	0.2
6	3	4.3	0.2	3	4.5	0.4	3	4.5	0.4	3	4.4	0.2
7	3	4.0	0.1	3	4.0	0.2	3	3.9	0.2	3	4.0	0.1
8	3	3.9	0.1	3	3.8	0.1	3	3.9	0.1	3	4.0	0.2
9	3	4.4	0.1	3	4.4	0.4	3	4.4	0.2	3	4.1	0.2
10	3	4.2	0.2	3	4.2	0.2	3	3.9	0.1	3	3.8	0.1
11	0.0			3	3.8	0.1	3	3.9	0.1	3	4.0	0.1
12	3	3.8	0.1	3	4.0	0.2	3	4.0	0.2	3	3.9	0.1
13	0.0			3	3.9	0.1	3	4.0	0.1	3	3.9	0.2
14	3	4.4	0.2	3	5.0	0.4	3	4.4	0.4	3	4.2	0.2
15	3	4.4	0.2	3	4.3	0.4	3	4.4	0.4	3	4.4	0.4
16	3	4.4	0.2	3	4.4	0.2	3	5.0	0.2	3	5.0	0.2
17	3	4.4	0.2	3	5.0	0.4	3	6.1	0.5	3	6.7	0.6
18	3	6.7	0.5	3	6.0	0.5	vv			3	5.7	0.4
19	3	5.2	0.2	3	4.4	0.4	3	5.0	0.4	3	4.4	0.2
20	3	4.1	0.1	3	4.4	0.4	3	4.5	0.4	3	4.1	0.2
21	3	3.9	0.1	3	4.1	0.2	3	4.3	0.2	3	4.0	0.2
22	3	3.7	0.1	3	4.0	0.2	3	3.9	0.2	3	3.8	0.2
23	3	3.8	0.1	3	4.4	0.2	3	4.4	0.2	3	4.5	0.2
24	3	4.7	0.4	3	4.9	0.4	3	5.0	0.4	3	4.9	0.2
25	3	4.5	0.4	3	4.4	0.5	3	4.7	0.4	3	4.5	0.2
26	3	4.0	0.1	3	3.9	0.2	3	4.1	0.1	3	4.0	0.1
27	3	3.9	0.1	3	4.0	0.1	3	3.9	0.1	3	4.0	0.1
28	3	3.8	0.1	3	4.4	0.2	3	4.4	0.5	3	4.1	0.4
29	3	4.5	0.2	3	4.2	0.4	3	4.2	0.4	3	4.4	0.2
30	3	3.9	0.1	3	4.0	0.2	3	3.6	0.1	3	3.7	0.1
31	3	3.7	0.1	3	3.8	0.1	3	3.7	0.1	3	3.8	0.1

Microseismic agitation
Instrument: Wiechert EW

March 1968

Praha

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	3	4.0	0.1	3	4.0	0.1	3	3.9	0.1	3	4.0	0.1
2	0.0			3	4.0	0.1	3	3.9	0.1	3	3.9	0.1
3	3	3.7	0.1	0.0			0.0			0.0		
4	3	3.8	0.1	3	4.4	0.1	3	4.8	0.3	3	4.0	0.3
5	3	4.1	0.1	3	4.2	0.3	3	4.2	0.3	3	4.1	0.3
6	3	4.0	0.1	3	4.1	0.3	3	4.3	0.3	3	4.0	0.1
7	3	3.7	0.1	3	3.9	0.1	3	3.9	0.1	3	3.7	0.1
8	0.0			3	3.7	0.1	3	4.0	0.1	3	3.9	0.1
9	3	4.1	0.3	3	4.1	0.3	3	4.4	0.3	3	4.2	0.3
10	3	3.9	0.1	3	3.8	0.1	0.0			0.0		
11	0.0			3	3.8	0.1	3	4.0	0.1	0.0		
12	0.0			3	3.8	0.1	3	4.1	0.1	3	3.9	0.1
13	0.0			3	3.7	0.1	3	3.2	0.1	3	4.0	0.1
14	3	4.1	0.1	vv			vv			3	3.9	0.1
15	0.0			3	4.1	0.3	3	4.4	0.3	3	4.1	0.1
16	3	4.0	0.1	3	4.4	0.1	3	4.1	0.1	3	4.0	0.1
17	3	4.3	0.1	3	4.5	0.3	3	5.5	0.3	3	6.4	0.6
18	3	5.3	0.3	3	6.8	0.5	vv			3	5.4	0.4
19	3	4.5	0.3	3	4.1	0.3	vv			3	4.0	0.3
20	3	4.0	0.1	3	4.4	0.3	3	4.3	0.3	3	3.9	0.1
21	0.0			3	3.9	0.1	3	4.0	0.1	3	3.6	0.1
22	3	3.4	0.1	3	4.2	0.1	3	4.0	0.1	3	3.5	0.1
23	vv			3	4.0	0.1	3	4.2	0.1	3	4.1	0.1
24	3	4.1	0.1	3	4.2	0.1	3	4.0	0.1	3	4.2	0.3
25	3	4.2	0.1	3	4.5	0.3	3	4.3	0.3	3	4.0	0.1
26	0.0			3	3.8	0.1	3	3.9	0.1	0.0		
27	0.0			3	4.0	0.1	3	4.0	0.1	3	3.9	0.1
28	3	3.8	0.1	3	4.2	0.3	3	4.4	0.4	3	4.0	0.3
29	3	4.4	0.1	3	4.4	0.3	3	4.4	0.3	3	4.2	0.1
30	0.0			0.0			0.0			0.0		
31	0.0			0.0			0.0			0.0		

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			3	3.8	0.1	3	4.0	0.2	3	4.4	0.2
2	3	5.0	0.4	3	5.5	0.4	3	5.5	0.6	3	5.1	0.2
3	3	4.5	0.2	3	4.1	0.2	3	4.0	0.2	3	4.2	0.2
4	3	4.3	0.2	3	4.4	0.2	3	4.2	0.1	3	4.1	0.2
5	3	4.0	0.1	3	4.0	0.2	3	4.1	0.2	3	4.3	0.1
6	3	4.2	0.1	3	4.4	0.2	3	4.4	0.2	3	4.1	0.1
7	0.0			3	4.0	0.1	3	3.9	0.1	3	4.1	0.1
8	0.0			3	3.7	0.1	3	3.9	0.1	3	3.8	0.1
9	0.0			3	3.9	0.2	3	3.8	0.1	3	3.5	0.1
10	0.0			3	3.8	0.1	3	3.7	0.1	3	3.6	0.1
11	0.0			3	3.4	0.1	3	3.8	0.1	0.0		
12	0.0			3	3.8	0.1	3	3.9	0.1	3	3.8	0.1
13	0.0			3	4.0	0.1	3	3.8	0.1	3	3.6	0.1
14	0.0			0.0			0.0			0.0		
15	0.0			0.0			0.0			0.0		
16	0.0			3	3.8	0.1	3	3.7	0.1	3	3.6	0.1
17	0.0			3	3.8	0.1	3	4.4	0.2	3	3.9	0.1
18	3	3.8	0.1	3	3.5	0.1	3	3.8	0.1	3	3.7	0.1
19	3	3.8	0.1	3	3.7	0.1	3	3.6	0.1	3	3.9	0.1
20	0.0			3	3.4	0.1		
21		
22			0.0			0.0		
23	0.0			0.0			3	3.7	0.1	0.0		
24	0.0			3	3.8	0.1	0.0			3	3.7	0.1
25	0.0			3	3.9	0.1	3	3.8	0.1	3	3.8	0.1
26	3	3.6	0.1	3	3.8	0.1	3	3.4	0.1	3	3.7	0.1
27	3	4.0	0.2	3	3.8	0.1	3	3.7	0.1	0.0		
28	0.0			0.0			0.0			3	3.5	0.1
29	0.0			3	3.8	0.1	3	4.0	0.1	3	4.1	0.1
30	3	3.7	0.1	3	3.9	0.2	3	4.0	0.1	3	3.8	0.1

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			3	3.6	0.1	3	3.9	0.1	3	4.1	0.1
2	3	4.4	0.3	3	5.4	0.3	3	5.5	0.3	...		
3	...			3	3.9	0.1	vv			0.0		
4	0.0			3	3.9	0.1	3	4.2	0.1	0.0		
5	0.0			3	3.7	0.1	3	3.9	0.3	vv		
6	0.0			3	4.2	0.1	3	4.4	0.1	0.0		
7	0.0			0.0			0.0			0.0		
8	0.0			3	3.8	0.1	3	3.9	0.1	0.0		
9	0.0			3	3.7	0.1	3	3.7	0.1	0.0		
10	0.0			0.0			0.0			0.0		
11	0.0			3	3.8	0.1	3	3.9	0.1	0.0		
12	0.0			0.0			0.0			0.0		
13	0.0			0.0			0.0			0.0		
14	0.0			0.0			0.0			0.0		
15	0.0			0.0			0.0			0.0		
16	0.0			0.0			0.0			0.0		
17	0.0			0.0			3	4.3	0.1	0.0		
18	0.0			3	3.8	0.1	3	3.7	0.1	0.0		
19	0.0			3	3.8	0.1	3	3.5	0.1	0.0		
20	0.0			0.0				
21		
22			0.0			0.0		
23	0.0			0.0			3	3.7	0.1	0.0		
24	0.0			0.0			0.0			0.0		
25	0.0			0.0			0.0			0.0		
26	0.0			0.0			0.0			0.0		
27	3	3.8	0.1	3	3.5	0.1	3	3.7	0.1	0.0		
28	0.0			0.0			0.0			0.0		
29	0.0			3	3.7	0.1	0.0			0.0		
30	0.0			0.0			3	4.0	0.1	0.0		

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			3	3.7	0.1	3	3.8	0.1	0.0		
2	0.0			3	3.7	0.1	3	3.8	0.1	0.0		
3	0.0			3	3.8	0.1	3	3.8	0.1	0.0		
4	0.0			0.0			3	3.7	0.1	0.0		
5	0.0			0.0			3	3.8	0.1	3	3.6	0.1
6	3	3.7	0.1	3	3.8	0.2	3	4.2	0.2	3	3.9	0.2
7	3	3.7	0.1	3	3.8	0.2	3	3.8	0.2	3	3.8	0.2
8	3	3.6	0.1	3	3.8	0.2	3	3.9	0.2	3	3.8	0.2
9	3	3.7	0.1	3	3.7	0.1	3	3.5	0.1	3	3.8	0.2
10	0.0			3	3.8	0.1	3	3.6	0.1	3	3.9	0.1
11	3	3.7	0.1	3	3.5	0.1	3	3.6	0.1	3	3.8	0.1
12	3	3.7	0.1	3	3.8	0.1	3	3.7	0.1	0.0		
13	0.0			3	3.8	0.2	3	3.7	0.1	3	3.5	0.1
14	3	3.4	0.1	3	3.4	0.1	3	3.5	0.1	3	3.6	0.1
15	0.0			3	3.6	0.1	3	3.7	0.1	3	3.8	0.1
16	0.0			...			tt			...		
17	tt			3	3.7	0.1	0.0			0.0		
18	0.0			3	3.5	0.1	0.0			0.0		
19	0.0			0.0			3	3.4	0.1	3	3.3	0.1
20	3	3.2	0.1	3	3.3	0.1	3	4.0	0.1	3	3.9	0.1
21	3	4.1	0.1	3	3.9	0.1	3	4.3	0.1	...		
22	0.0			3	3.8	0.1	3	3.3	0.1	3	3.7	0.1
23	0.0			3	3.7	0.1	3	3.5	0.1	tt		
24	0.0			3	3.3	0.1	3	3.4	0.1	3	3.3	0.1
25	0.0			0.0			3	3.7	0.1	0.0		
26	3	3.7	0.1	3	3.6	0.1	3	4.2	0.1	3	3.9	0.1
27	3	4.0	0.1	3	4.4	0.2	3	4.1	0.2	3	3.9	0.2
28	3	3.7	0.1	3	3.9	0.1	3	3.8	0.1	3	3.9	0.1
29	0.0			3	4.1	0.2	3	4.3	0.2	...		
30	3	3.8	0.1	3	4.1	0.1	3	4.1	0.2	tt		
31	3	3.9	0.1	3	4.0	0.1	3	4.1	0.2	3	3.9	0.2

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			0.0			0.0			0.0		
2	0.0			0.0			3	3.9	0.1	0.0		
3	0.0			3	3.7	0.1	0.0			0.0		
4	0.0			0.0			0.0			0.0		
5	0.0			0.0			0.0			0.0		
6	0.0			3	3.7	0.1	3	3.9	0.1	3	3.7	0.1
7	0.0			3	3.7	0.1	3	3.8	0.1	3	3.8	0.1
8	0.0			3	3.5	0.1	3	3.8	0.1	0.0		
9	0.0			0.0			0.0			3	3.8	0.1
10	0.0			0.0			0.0			0.0		
11	0.0			0.0			0.0			0.0		
12	0.0			3	3.7	0.1	0.0			0.0		
13	0.0			3	3.7	0.1	3	3.8	0.1	0.0		
14	0.0			0.0			0.0			0.0		
15	0.0			0.0			0.0			0.0		
16	0.0			...			tt			...		
17	tt			0.0			0.0			0.0		
18	0.0			0.0			0.0			0.0		
19	0.0			0.0			0.0			0.0		
20	0.0			0.0			0.0			0.0		
21	0.0			0.0			3	4.4	0.1	0.0		
22	0.0			0.0			0.0			0.0		
23	0.0			0.0			0.0			tt		
24	0.0			0.0			0.0			0.0		
25	0.0			0.0			0.0			0.0		
26	0.0			0.0			0.0			0.0		
27	0.0			0.0			0.0			0.0		
28	0.0			0.0			0.0			0.0		
29	0.0			0.0			0.0			0.0		
30	0.0			0.0			0.0			0.0		
31	0.0			0.0			0.0			tt		

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	3	4.3	0.1	3	3.8	0.1	3	3.9	0.2	3	4.0	0.1
2	3	3.9	0.1	3	3.7	0.1	3	4.2	0.2	3	3.9	0.2
3	3	3.8	0.1	3	3.9	0.1	3	3.9	0.2	3	4.1	0.2
4	0.0			3	3.7	0.1		
5			3	4.0	0.2	3	4.4	0.2
6	3	4.2	0.2	3	3.9	0.2	3	4.0	0.2	3	3.9	0.2
7	3	3.7	0.1	3	3.7	0.1	3	3.9	0.2	3	3.7	0.1
8	3	3.8	0.1	3	3.8	0.1	3	4.1	0.2	3	3.8	0.1
9	...			3	3.6	0.1	3	3.5	0.1	3	3.8	0.1
10	3	3.6	0.1	3	3.7	0.1	3	3.3	0.1	3	3.7	0.1
11	3	3.7	0.1	3	4.0	0.1	3	3.7	0.1	3	3.7	0.1
12	0.0			3	3.6	0.1	3	3.7	0.1	3	3.6	0.1
13	0.0			3	3.5	0.1	3	3.8	0.1	3	4.2	0.2
14	3	4.0	0.1	3	3.8	0.1	3	4.0	0.2	3	3.9	0.1
15	3	3.8	0.1	3	4.0	0.2	3	4.0	0.1	3	4.2	0.1
16	3	3.8	0.1	0.0			3	3.7	0.1	3	3.9	0.1
17	0.0			3	3.8	0.1	3	3.7	0.1	3	3.9	0.2
18	0.0			3	3.6	0.1		
19	0.0			3	3.4	0.1	3	3.3	0.1	3	3.6	0.1
20	3	3.7	0.1	3	3.8	0.1	3	3.4	0.1	...		
21	3	3.5	0.1	3	3.4	0.2	3	3.6	0.2	3	3.4	0.2
22	3	3.5	0.1	3	3.8	0.1	3	3.7	0.1	3	3.6	0.2
23	3	3.4	0.2	3	3.8	0.1	3	3.9	0.2	3	3.6	0.2
24	3	3.7	0.1	3	3.8	0.1	3	4.0	0.2	3	3.8	0.2
25	3	3.6	0.1	3	3.8	0.1	3	3.5	0.2	3	3.3	0.1
26	3	3.3	0.1	3	3.7	0.1	3	3.8	0.2	3	3.4	0.1
27	3	3.3	0.1	3	4.1	0.2	3	3.7	0.2	3	3.3	0.2
28	3	3.3	0.1	...			3	3.3	0.2	3	3.5	0.2
29	3	3.4	0.1	3	3.6	0.2	3	3.9	0.2	3	3.6	0.1
30	3	3.5	0.1	3	3.7	0.1	3	3.4	0.1	3	3.7	0.1

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			0.0			0.0			0.0		
2	0.0			0.0			0.0			0.0		
3	0.0			0.0			0.0			0.0		
4	0.0			0.0				
5			0.0			0.0		
6	0.0			0.0			0.0			0.0		
7	0.0			0.0			0.0			0.0		
8	0.0			0.0			0.0			0.0		
9	0.0			0.0			0.0			0.0		
10	0.0			0.0			0.0			0.0		
11	0.0			0.0			0.0			0.0		
12	0.0			0.0			0.0			0.0		
13	0.0			0.0			0.0			0.0		
14	0.0			0.0			0.0			0.0		
15	0.0			0.0				
16		
17		
18			0.0			0.0		
19	0.0			0.0			0.0			0.0		
20	0.0			0.0			0.0			0.0		
21	0.0			0.0			0.0			0.0		
22	0.0			0.0			0.0			0.0		
23	0.0			0.0			0.0			0.0		
24	0.0			0.0			0.0			0.0		
25	0.0			0.0			0.0			0.0		
26	0.0			0.0			0.0			0.0		
27	0.0			0.0			0.0			0.0		
28	0.0			0.0			0.0			0.0		
29	0.0			0.0			0.0			0.0		
30	0.0			0.0			0.0			0.0		

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			3	3.8	0.1	3	4.1	0.2	3	3.8	0.2
2	3	3.7	0.1	3	3.5	0.1	3	3.6	0.2	3	3.4	0.2
3	3	3.5	0.1	3	3.8	0.2	3	3.8	0.2	3	3.4	0.1
4	3	3.7	0.1	3	3.8	0.2	3	3.9	0.2	3	3.7	0.2
5	3	3.8	0.1	3	3.7	0.2	tt			3	3.4	0.1
6	0.0			0.0			0.0			0.0		
7	0.0			0.0			0.0			0.0		
8	0.0			0.0			0.0			0.0		
9	0.0			0.0			0.0			0.0		
10	0.0			...			3	3.3	0.1	3	3.2	0.1
11	0.0			3	3.4	0.1		
12	...			3	3.5	0.1	3	3.4	0.1	3	3.5	0.1
13	0.0			0.0			0.0			0.0		
14	0.0			0.0			0.0			0.0		
15	3	3.5	0.1	0.0			3	3.3	0.1	3	3.4	0.1
16	3	3.2	0.1	3	3.4	0.1	3	3.3	0.1	3	3.3	0.1
17	0.0			3	3.3	0.1	3	3.3	0.1	0.0		
18	0.0			3	3.7	0.1	3	3.8	0.1	3	3.8	0.1
19	0.0			3	3.9	0.1	3	3.8	0.1	3	3.4	0.1
20	0.0			3	3.4	0.1	3	3.5	0.1	3	3.6	0.1
21	0.0			0.0			3	3.8	0.1	3	3.7	0.1
22	0.0			3	4.1	0.1	3	3.7	0.1	3	4.0	0.1
23	3	3.9	0.1	3	3.9	0.1	3	4.1	0.1	3	3.9	0.1
24	tt			3	3.4	0.1	3	3.7	0.1	3	3.5	0.1
25	0.0			0.0			3	4.2	0.1	3	3.8	0.1
26	0.0			3	3.9	0.1	3	3.8	0.1	3	3.7	0.1
27	0.0			0.0			0.0			0.0		
28	0.0			0.0			0.0			0.0		
29	0.0			3	3.4	0.1	3	3.9	0.2	3	3.5	0.1
30	0.0			3	4.1	0.1	3	3.9	0.1	3	4.0	0.1
31	3	4.4	0.1	3	3.8	0.1	3	4.0	0.1	3	3.8	0.1

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0											
2	0.0											
3	0.0											
4	0.0											
5	0.0						tt					
6	0.0											
7	0.0											
8	0.0											
9	0.0											
10	0.0			...								
11	0.0											
12	0.0											
13	0.0											
14	0.0											
15	0.0											
16	0.0											
17	0.0											
18	0.0											
19	0.0									3	4.1	0.3
20	0.0						3	3.8	0.1	3	4.0	0.1
21	0.0						3	3.9	0.1	3	4.1	0.1
22	0.0						3	4.1	0.1	3	4.4	0.1
23	0.0						3	4.3	0.1	3	4.4	0.3
24	tt						3	3.7	0.1	3	3.9	0.1
25	0.0						3	4.4	0.1	3	4.2	0.1
26	0.0						3	4.1	0.1	3	4.4	0.1
27	0.0									3	3.7	0.1
28	0.0											
29	0.0									3	4.4	0.3
30	0.0									3	4.3	0.1
31	0.0											

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			3	4.0	0.1	3	3.8	0.1	0.0		
2	0.0			0.0			3	3.8	0.1	0.0		
3	0.0			tt			3	3.9	0.1	3	3.7	0.1
4	0.0			0.0			0.0			0.0		
5	0.0			3	3.6	0.1	3	3.5	0.1	0.0		
6	3	3.7	0.1	3	4.0	0.1	3	4.1	0.1	3	3.8	0.1
7	0.0			3	4.0	0.1	3	3.9	0.1	3	3.7	0.1
8	0.0			3	3.8	0.1	3	3.9	0.1	3	3.8	0.1
9	3	3.5	0.1	3	3.8	0.1	3	4.0	0.1	0.0		
10	0.0			tt			3	3.7	0.1	0.0		
11	0.0			3	3.6	0.1	0.0			3	3.8	0.1
12	0.0			3	4.0	0.1	3	3.9	0.1	3	3.7	0.1
13	0.0			3	4.0	0.2	3	3.9	0.2	3	3.5	0.1
14	3	3.8	0.1	3	3.9	0.2	3	3.8	0.2	3	3.6	0.2
15	tt			3	3.8	0.2	3	3.9	0.2	3	4.0	0.1
16	3	3.3	0.1	3	3.7	0.2	3	3.6	0.2	3	3.6	0.1
17	3	3.5	0.1	3	3.8	0.1	3	3.7	0.1	0.0		
18	0.0			0.0			0.0			3	3.8	0.1
19	0.0			3	3.9	0.1	3	3.8	0.1	3	3.8	0.1
20	0.0			3	3.9	0.1	3	3.6	0.1	3	3.7	0.1
21	3	3.8	0.1	3	3.5	0.2	3	4.1	0.2	3	3.7	0.1
22	3	3.8	0.1	3	3.8	0.1	3	4.2	0.2	3	3.8	0.1
23	0.0			3	3.4	0.1	3	3.8	0.1	3	4.1	0.1
24	3	4.2	0.1	3	3.8	0.1	3	3.7	0.1	0.0		
25	0.0			3	3.8	0.1	3	3.8	0.1	0.0		
26	0.0			0.0			3	3.7	0.1	3	3.6	0.1
27	3	3.4	0.1	3	3.5	0.1	3	3.8	0.1	3	4.0	0.1
28	0.0			3	3.5	0.1	3	3.8	0.1	3	3.8	0.1
29	0.0			3	3.8	0.1	3	4.0	0.2	3	3.8	0.1
30	3	3.4	0.1	3	3.8	0.2	3	4.0	0.2	3	3.6	0.2
31	3	3.7	0.1	3	3.7	0.2	tt			3	4.2	0.2

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			0.0			3	3.7	0.1	0.0		
2	0.0			3	4.1	0.3	3	3.9	0.1	3	3.7	0.1
3	0.0			tt			3	4.1	0.1	3	4.4	0.1
4	0.0			0.0			0.0			0.0		
5	0.0			3	4.2	0.1	3	3.9	0.1	3	3.8	0.1
6	0.0			3	4.4	0.1	3	4.2	0.1	3	3.8	0.1
7	0.0			3	4.1	0.1	3	4.4	0.1	0.0		
8	0.0			3	4.0	0.1	3	3.9	0.1	0.0		
9	0.0			3	4.2	0.1	3	3.9	0.1	3	4.4	0.1
10	0.0			tt			3	3.8	0.1	3	4.4	0.1
11	0.0			3	3.8	0.1	3	3.8	0.1	0.0		
12	0.0			0.0			3	4.1	0.1	0.0		
13	0.0			3	3.9	0.1	3	4.0	0.1	3	3.7	0.1
14	0.0			3	4.1	0.1	3	3.9	0.1	3	3.7	0.1
15	tt			3	4.0	0.1	3	3.9	0.3	3	3.4	0.1
16	0.0			3	4.0	0.1	3	4.1	0.1	0.0		
17	0.0			0.0			3	4.0	0.1	0.0		
18	0.0			0.0			0.0			0.0		
19	0.0			3	4.2	0.3	3	4.1	0.3	0.0		
20	0.0			3	3.9	0.1	3	4.0	0.3	3	3.8	0.1
21	0.0			3	3.7	0.1	3	3.8	0.1	0.0		
22	0.0			0.0			3	4.4	0.3	0.0		
23	0.0			0.0			0.0			3	4.3	0.1
24	0.0			3	3.8	0.1	3	4.2	0.1	3	4.2	0.1
25	0.0			0.0			3	4.1	0.1	3	3.8	0.1
26	0.0			3	4.2	0.1	3	3.9	0.1	3	3.8	0.1
27	0.0			3	3.7	0.1	3	4.2	0.1	3	4.0	0.1
28	0.0			3	3.9	0.1	3	4.1	0.1	3	3.8	0.1
29	0.0			3	4.1	0.1	3	4.2	0.3	3	3.8	0.1
30	0.0			3	4.0	0.3	3	3.8	0.1	3	4.0	0.3
31	0.0			3	4.0	0.3	tt			3	4.5	0.3

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	3	4.4	0.2	3	4.0	0.1	3	4.2	0.1	3	4.1	0.2
2	3	3.9	0.1	3	4.4	0.2	3	4.1	0.2	3	3.9	0.2
3	3	3.7	0.1	3	4.1	0.2	3	4.4	0.2	3	4.0	0.2
4	3	3.9	0.1	3	4.0	0.1	3	3.9	0.2	3	3.8	0.1
5	3	3.7	0.1	3	4.0	0.1	3	3.7	0.1	3	3.7	0.1
6	0.0			3	4.0	0.1	3	3.9	0.2	3	4.0	0.1
7	0.0			3	3.8	0.1	3	4.1	0.1	3	3.7	0.1
8	3	4.0	0.1	3	3.9	0.1	3	3.7	0.1	3	3.8	0.1
9	0.0			3	4.0	0.1	3	3.6	0.1	0.0		
10	0.0			3	3.7	0.1	3	4.0	0.1	3	3.6	0.1
11	3	3.7	0.1	0.0			3	3.7	0.1	3	3.9	0.1
12	0.0			3	3.9	0.2	3	3.8	0.2	3	3.7	0.1
13	0.0			3	3.8	0.1	3	3.7	0.1	3	4.0	0.1
14	0.0			3	4.0	0.2	3	3.5	0.2	3	3.3	0.1
15	3	3.7	0.2	3	3.4	0.1	3	3.5	0.2	3	3.3	0.1
16	3	3.4	0.1	3	3.5	0.2	3	3.7	0.2	3	3.4	0.1
17	0.0			3	3.7	0.1	3	4.0	0.1	3	3.8	0.1
18	0.0			0.0			3	3.9	0.1	0.0		
19	0.0			3	3.7	0.1	3	3.7	0.1	3	3.4	0.1
20	3	3.3	0.1	3	3.6	0.2	3	3.9	0.2	3	3.4	0.2
21	3	3.7	0.1	3	3.9	0.2	3	4.0	0.2	3	3.7	0.1
22	3	3.8	0.1	3	3.4	0.1	3	3.7	0.1	3	3.7	0.1
23	0.0			tt			3	3.7	0.2	3	3.9	0.2
24	3	4.0	0.2	3	4.9	0.4	3	4.8	0.4	33	4.2	0.2
25	3	3.8	0.1	3	4.2	0.2	3	4.4	0.2	3	3.9	0.1
26	3	3.6	0.1	3	3.7	0.1	3	3.5	0.1	3	3.8	0.1
27	3	3.3	0.1	3	3.7	0.2	3	3.9	0.2	3	3.8	0.2
28	3	4.4	0.2	3	4.3	0.2	3	4.2	0.2	3	4.3	0.2
29	3	4.2	0.2	3	4.2	0.2	3	4.0	0.2	3	4.2	0.2
30	3	4.0	0.1	3	3.9	0.2	3	3.8	0.4	...		

MGT	00 ^h			06 ^h			12 ^h			18 ^h		
	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)	K	T(s)	A(μ)
1	0.0			3	4.3	0.1	3	4.4	0.3	3	4.1	0.1
2	0.0			3	4.6	0.3	3	4.5	0.3	3	4.3	0.1
3	0.0			3	4.4	0.3	3	4.6	0.3	3	4.3	0.1
4	0.0			3	4.2	0.3	3	4.4	0.3	3	3.9	0.1
5	0.0			3	4.4	0.1	3	3.8	0.1	3	4.4	0.1
6	0.0			3	4.1	0.1	3	4.3	0.1	3	4.0	0.3
7	0.0			3	4.3	0.1	3	4.1	0.1	3	4.2	0.1
8	0.0			3	3.9	0.1	3	3.7	0.1	...		
9	0.0			3	3.7	0.1	3	3.9	0.1	0.0		
10	0.0			3	4.0	0.1	3	4.1	0.1	3	4.4	0.1
11	0.0			3	3.8	0.1	3	4.3	0.1	3	3.9	0.1
12	0.0			3	4.0	0.1	3	3.9	0.3	3	3.7	0.1
13	0.0			3	3.8	0.1	0.0			3	3.8	0.1
14	0.0			3	3.8	0.1	3	3.6	0.1	3	3.5	0.1
15	0.0			3	3.4	0.1	3	3.7	0.3	3	3.8	0.3
16	0.0			3	3.4	0.1	3	4.0	0.3	3	3.7	0.1
17	0.0			3	3.8	0.1	3	4.2	0.1	0.0		
18	0.0			0.0			3	4.4	0.1	0.0		
19	0.0			3	3.8	0.3	3	4.0	0.3	3	3.8	0.1
20	0.0			3	4.0	0.1	3	3.9	0.3	3	3.7	0.1
21	3	3.6	0.1	3	3.7	0.1	3	3.7	0.3	3	3.6	0.3
22	3	3.4	0.1	3	3.3	0.1	3	3.7	0.3	3	3.8	0.1
23	3	3.7	0.1	tt			3	4.1	0.3	3	4.0	0.3
24	3	3.9	0.1	3	4.8	0.3	3	4.4	0.3	3	4.0	0.3
25	3	4.2	0.1	3	3.9	0.1	3	4.0	0.1	3	4.1	0.1
26	0.0			3	3.8	0.3	3	4.1	0.1	3	3.7	0.1
27	0.0			3	4.1	0.3	3	3.9	0.1	3	3.8	0.3
28	3	4.0	0.1	3	4.0	0.3	3	4.2	0.3	3	4.0	0.3
29	3	4.1	0.1	3	4.1	0.3	3	4.0	0.3	3	4.0	0.1
30	3	4.0	0.1	3	4.1	0.3	3	4.3	0.4	3	3.9	0.1

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