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Geophysical Institute of the Czechoslovak Academy
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BULLETIN
OF THE CZECHOSLOVAK
SEISMOLOGICAL STATIONS
PRŮHONICE, PRAHA, KAŠPERSKÉ HORY, CHEB,
BRATISLAVA, ŠROBÁROVÁ, HURBANOVO AND
SKALNATÉ PLESO

JANUARY – JUNE 1965

ACADEMIA

NAKLADATELSTVÍ ČESKOSLOVENSKÉ AKADEMIE VĚD

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Vědecký redaktor: doc. dr. Karel Pěč

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Introduction

The annual seismological bulletin 1965 represents a new volume of the series edited by the Geophysical Institute of the Czechoslovak Academy of Sciences. It contains the final interpretation of records of Czechoslovak seismological stations Průhonice, Praha, Kašperské Hory, Cheb, Bratislava, Hurbanovo and Skalnaté Pleso. The bulletin is divided into two volumes, each for six months, because of the increasing amount of published data.

In the year 1965, the Czechoslovak Seismological Service was organized in the same way as in the preceding years. The Geophysical Institute of the Czechosl. Ac. Sci. operated as a centre of the service being responsible for a uniform treatment of records and for the publication of the final bulletin. Three scientific institutes were responsible for the regular operation of the stations. Thus Průhonice (central station), Kašperské Hory and Cheb were supervised by the Geophysical Institute of the Czechosl. Ac. Sci. in Praha. The station Praha was operated by the Geophysical Institute of the Charles University in Praha. The Geophysical Institute of the Slovak Ac. Sci. was responsible for the operation of the stations Bratislava, Šrobárová, Hurbanovo and Skalnaté Pleso. These institutions were preparing preliminary reports and were exchanging station reports, seismograms and other data with foreign stations.

The station Praha issued the preliminary interpretation in the ten-days bulletins, all other stations edited monthly the preliminary bulletins. The rapid reports were sent twice a week to the world centres in Washington (USCGS), Strasbourg (BCIS) and Moscow (Institute of the Earth's Physics) from Průhonice, Kašperské Hory, Bratislava and Šrobárová.

Since May 1st the operation of the station Cheb was been suspended because of the very high noise level which made the records useless. There were few interruptions in the operation of the following stations: Bratislava May 4 - June 10

and October 7 - October 30 (Krumbach's seismograph being in reparation, recording with the seismograph VEGIK), Šrobárová September 4 - December 13 and Skalnaté Pleso September 4 - December 31.

This volume contains observations separately for each station, each section being introduced by the corresponding seismograph constants. Final interpretation of records was carried out in accordance with the revised earthquake parameters published by the Bulletin of the International Seismological Centre, Edinburgh (ISC). For that reason our Bulletin is somewhat delayed. For some events also parameters from "Bulletin du Bureau Central International de Séismologie", Strasbourg, or from P.E.D. cards of the U.S. Coast and Geodetic Survey, Washington, were used. The parameters of explosions and rock bursts, as well as of some earthquakes, were determined by the Czechoslovak Seismological Service.

All Czechoslovak seismological stations applied the same methods of interpretation. The local travel-time curves /1,2/ or the Jeffreys-Bullen curves /3/ were used for the analysis of shallow earthquakes. Deep earthquakes were analysed using the Gutenberg-Richter tables /4/. The analysis of earthquakes from small epicentral distances, explosions and rock bursts was made using special travel-time curves published in several papers /5, 6, 7, 8/. A new notation of individual branches of core waves was introduced in accordance with the recent paper of Bolt /9/ (see Notation of Symbols). The values of epicentral distances D_c are taken from ISC Bulletin for most earthquakes. If the station in question is not quoted by the ISC Bulletin, the epicentral distance is determined using a special nomogram /10/. The distances for the station Šrobárová were calculated by the electronic computer with the accuracy ± 0.05 degree.

Magnitudes from the body waves were calculated according to the recommendations of the IASPEI Committee on Magnitudes (Zurich 1967). The surface wave magnitudes of shallow earthquakes from distances larger than 20° were determined by the stations Praha, Průhonice and Bratislava according to the ca-

libration curves proposed as a standard for a uniform classification of earthquakes /11/. A depth correction was applied in the cases of focal depths smaller than 200 km /see Tab.1). The magnitudes of earthquakes from distances smaller than 20° were determined using the curves derived for the classification of European earthquakes /12, 13/. The stations Hurbanovo and Skalná Pleso have special curves for magnitude determination /14, 15/.

The standard measurements of microseisms were made only on records of the stations Praha and Hurbanovo.

Preliminary analysis of records of Průhonice, Kašperské Hory and Cheb was performed by J.Nykles, B.Závorka and B.Bar-tizal, all from the Geophysical Institute of the Czechoslovak Ac.Sci., Praha. Preliminary bulletins of the station Praha were prepared by J.Janský and J.Hudec, both from the Geophysical Institute of Charles University, Praha, the bulletins of the Slovak stations Bratislava, Šrobárova, Hurbanovo and Skalná Pleso were prepared by Mrs.A.Weihsová and Mrs.T.Galanová. The annual bulletin 1965 was edited by V.Kárník, J.Nykles, B.Závorka, J.Janský, J.Zahradník and Mrs.A.Weihsová with the technical assistance of Mrs.S.Černíková, I.Bochníčková, B.Miková and Miss N.Lukasová.

VÍT KÁRNÍK

Chef of the Czechoslovak Seismological Service

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Table 1.

Depth Allowances for the Surface Wave Magnitude MLH

| Distance Interval | Depth(km) | 60 | 80 | 100 | 120 | 150 | 200 |
|-------------------|-----------|------|------|------|------|------|------|
| < 20° | δ M | 0.4 | 0.5 | 0.7 | 0.8 | 1.1 | 1.5 |
| 50° - 140° | δ M | 0.14 | 0.21 | 0.29 | 0.37 | 0.48 | 0.68 |

| h= 100 km | Distance | 25° | 35° | 50° |
|-----------|----------|-----|-----|-----|
| | δ M | 0.7 | 0.5 | 0.3 |

Notation of symbols

(Remark: Only the symbols not generally used are explained)

- 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
 σ^2 = coupling coefficient
 D = epicentral distance determined by the analysis of the record
 D_c = epicentral distance calculated using the geocentric coordinates of the station and the epicentre
 P_x, X_1, X_2
 S_x, S_b_1, S_b_2 = special phases of near earthquakes (see [5, 6, 7])
 PKP = core wave, not precisely identified
 $PKIKP$ = core wave travelling through the Earth's inner core
 $PKHKP$ = core wave refracted on a discontinuity between the outer and inner core boundaries, preceding $PKIKP$ at distances smaller than about 142° and following it at larger distances
 PKP_2 = core wave penetrating only into the outer core
 L, L_m = long period surface wave and its maximum
 L_mH = 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
 PV, PPV, SV = maximum vertical amplitude of the wave in question
 $PV(cp)$ = maximum amplitude of the P wave recorded by the short-period vertical seismograph
 MLH, MPH, MPV = magnitude determined using the waves LH, PH, PV, MPPH, MSH = PPH and SH, respectively

M = value of magnitude quoted from another source
K = characteristics of the microseisms:
1 = microseisms in regular groups
2 = continuous motion
3 = irregular motion
tt = record disturbed by an earthquake
v = record disturbed by the wind

Seismic observations of the station PRŮHONICE

January - June 1965

V.Kárník, J.Nykles

Instruments:

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

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

Elevation: $h = 302m$.

Lithologic foundation: algonkian layers.

| Instrument | Compt. | T ₁ (s) | T ₂ (s) | D ₁ | D ₂ | σ ² | V ₀ | T _m | V _m |
|-------------|--------|--------------------|--------------------|----------------|----------------|----------------|----------------------|----------------|----------------|
| I | N | 2.6 | | 0.57 | | | 1870 | 1.6 | 1 975 |
| | E | 2.6 | | 0.55 | | | 1870 | 1.6 | 2 040 |
| II SVSN - 4 | Z | 0.96 | 1.47 | 1 | 1 | 0.17 | 5.72x10 ⁶ | 0.8 | 36 000 |
| SVSN - 6 | Z | 0.55 | 0.28 | 0.6 | 0.6 | 0.25 | 4.78x10 ⁶ | 0.3 | 210 000 |
| 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 | 1 040 |

| Date | Phase | h m s | Remarks |
|------|---|--|--|
| 1 | eP | 12 59 03 | Taiwan 23.6°N 121.3°E, H=12 46 39.8, h=6km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=82.4°. |
| 1 | eP e | 17 36 16.7 36 24 | Algeria 35.6°N 4.4°E, H=17 32 30.0, h=56km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=16.2°. |
| 1 | eiPn iPg i ei iSg | 19 09 32.6 09 37.2 10 00.7 10 08.2 10 10.7 | Austria 47.7°N 16.1°E, H=19 08 51(BCIS). D=2.5°, Dc=2.5°. |
| 1 | eiP ei e Q R Rm Rm | 21 42 15.7 42 54 45 21 46.3 48 52 49 50 | C. Algeria 36.5°N 4.4°E, H=21 38 29.7, h=13km(ISC). M=5 1/2 BCIS, Moscow, 5.2 USCGS, 5.1 ISC, MLH=5.3 Prühonice. Dc=16.1°. RmH:14s 13.5μ, RmH:12s 13μ. |
| 2 | iPKP | 09 55 42.3 | C. Tonga Islands 22.0°S 179.5°W, H=09 36 54.5, h=561km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=149.9°. |
| 2 | eP | 13 51 26 | Dodecanese Islands 36.5°M 26.1°E, H=13 47 43.4, h=59km(ISC). Dc=15.9°. |
| 2 | eP epP eiPP e eSS eL Lm | 13 57 43 58 20 14 01 47 09 52 16.4 30 48.6 | Mariana Islands 19.1°N 145.6°E, H=13 44 19.2, h=141km(ISC). M=6.1 USCGS, 5.7 ISC. MLH=6.4 Prühonice. D=99°, Dc=98.8°. LmH:20s 3.6μ. |
| 2 | eiP | 17 37 47.3 | D. |
| 3 | eiP e | 23 24 51 26 08 | Alaska 60.1°N 151.4°W, H=23 13 48.9, h=85km(ISC). M=5.6 USCGS, 4.9 ISC. Dc=69.6°. |
| 4 | iPKP epPKP | 07 26 12.3 28 26 | C. Tonga Islands 19.1°S 177.5°W, H=07 07 31.8, h=579km(ISC). M=5.5 USCGS, 5.2 ISC. Dc=147.8°. |
| 4 | eiP | 11 43 39 | Halmahera 1.8°N 127.3°E, H=11 29 48.8, h=88km(ISC). M=5.8 USCGS 5.4 ISC. Dc=120.9°. |
| 4 | eP | 11 47 58 | |

| Date | Phase | h m s | Remarks |
|------|------------------------|---|---|
| 4 | ePg ei | 12 10 26 10 34 | Explosion of 3.7 Tons, Germany 51.3°N 12.7°E, H=12 09(Collm). Dc=1.8°. |
| 4 | eP | 20 59 10 | Canada 67.1°N 135.3°W, H=20 48 57.7, h=33km(ISC). M=4.5 ISC, USCGS. Dc=61.0°. |
| 4 | ePKP | 21 31 41 | Fiji Islands 22.3°S 179.5°W, H=21 12 53.4, h=565km(ISC). M=4.6 USCGS, 4.2 ISC. Dc=150.3°. |
| 5 | iPg iSg Lm Lm | 10 58 12.5 58 21.0 58 38 58 56 | Explosion of 3.5 Tons. 50°25'N 13°50'E, Dc=70km(Prùhonice). |
| 5 | eiSg | 12 09 12.5 | |
| 5 | eiPg ei eiSg | 12 36 25 36 52 36 54 | Explosion of 4.25 Tons, 51°17'N 11°40'E (Collm). D=2.3°, Dc=2.2°. |
| 5 | iPKP ei eL Lm | 18 25 47 26 44.5 19 35 00 40.5 | C. Tonga Islands 20.4°S 170.0°W, H=18 05 59.3, h=33km(ISC). MLH=6.2 Prùhonice, M=6.0 USCGS, 5 3/4 - 6 Moscow, 5.9 ISC. Dc=149.7°. LmH:20s 3.4µ. |
| 5 | ePKIKP ei | 23 19 50 20 09.5 | Samoa Islands 15.0°S 173.5°W, H=23 00 15.0, h=33km(ISC). M=5.3 USCGS, 5.2 ISC. Dc=144.5°. |
| 6 | eiPKIKP | 01 12 53 | Flores Sea 7.1°S 122.8°E, H=00 55 27.7, h=554km(ISC). M=5.4 USCGS, 5.3 ISC. Dc=107.2°. |
| 6 | iPg | 13 10 42.7 | Dc=107.2°. iSg 10 56.2. |
| 6 | eiP eiPcP | 18 38 39.4 38 59.5 | Alaska 60.1°N 151.6°W, H=18 27 34.5, h=57km(ISC). M=5.2 USCGS ISC. Dc=69.7°. |
| 7 | eiPKIKP | 06 00 20.5 | Loyalty Islands 22.5°S 171.2°E, H=05 40 43.1, h=35km(ISC). M=4.5 USCGS. Dc=147.0°. |
| 7 | eiP e | 10 26 06 27 23 | C. Dodecanese Islands 36.5°N 26.8°E, H=10 22 17.2, h=35km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=16.2°. PV(cp):1s 23µ. |
| 7 | eiP iSg | 13 00 50.5 01 12.5 | Explosion 50°46.1'N 12°12.3'E(Collm). D=1.6°, Dc=1.7°. |

| Date | Phase | h m s | Remarks |
|------|------------------------|---------------------------------------|--|
| 7 | eP | 13 38 24 | |
| 7 | eiP | 16 09 40.5 | Mexico 16.2°N 97.3°W, H=15 56 34.0, h=53km(ISC). M=5.5 USCGS, 5.1 ISC. Dc=91.2°. |
| 7 | eiP | 19 02 13.6 | Philippine Islands 18.6°N 120.9°E, H=18 49 34.4, h=28km(ISC). M=5.0 ISC, 4.8 USCGS. Dc=86.1°. |
| 8 | ePg | 12 49 09 | D=2.3°. eiSg 49 39. |
| 8 | e | 13 59 05 | iSg 59 29. |
| 8 | eiP | 16 43 07.5 | Kurile Islands 44.2°N 149.8°E, H=16 31 07.1, h=20km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=78.4°. |
| 8 | e | 22 13 57 | |
| 9 | eP | 03 41 40 | Kurile Islands 46.2°N 153.3°E, H=03 29 42.5, h=28km(ISC). M=4.7 USCGS, ISC. Dc=77.8°. |
| 9 | e | 10 47 00 | |
| 9 | eiP ei e eiPP | 13 46 09.3 46 42 49 15 49 57 | C. Philippine Islands 11.9°N 126.3°E, H=13 32 50.0, h=27km(ISC). M=6.1 USCGS, 5.6 ISC. Dc=94.4°. |
| 10 | eiP ei ei | 02 54 34 54 43 57 41 | D.E. Rumania 45.8°N 26.5°E, H=02 52 25.6, h=137km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=9.1°. PV(cp):1s 151µ. |
| 10 | eiPKIKP e | 07 56 15.5 58 17 | New Guinea 5.8°S 147.3°E, H=07 37 35.5, h=116km(ISC). M=6.5 USCGS, 5.4 ISC. Dc=120.4°. |
| 10 | eP e | 08 05 52 06 20 | Greece 38.7°N 22.0°E, H=08 02 51.7, h=46km(ISC). M=4.4 ISC. Dc=12.5°. |
| 10 | e | 12 03 33 | |

| Date | Phase | h m s | Remarks |
|------|--|---|--|
| 10 | ePKHKP eiPKIKP ei eiPP eiPKS e eSS eL Im Im | 13 55 43 55 55 56 17 58 32 59 22 14 10 02 16 42 29 00 51.4 15 02 | New Hebrides Islands 13.5°S 166.5°E, H= =13 36 30.8, h=32km(ISC). MLH=7 Prüho- nice, M=6.5 USCGS, 5.9 ISC. D=138°, Dc= =137.0°. LmH:25s 30μ, LmH:18s 18μ, LmV: 18s 3μ. |
| 10 | iPn i i iSn i | 20 11 47.9 11 57.9 12 55 13 08 13 22 | D. Yugoslavia 43.3°N 19.9°E, H= =20 10 03.8, h=35km(ISC). M=4.7 ISC. D= =6.9°, Dc=6.9°. |
| 11 | ePKP | 10 35 52 | Tonga Islands 22.3°S 174.8°W, H= =10 16 00.5, h=33km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=151.2°. |
| 11 | e | 10 45 38 | ei(Sg) 45 48. |
| 11 | eiPg | 12 19 23.4 | D=1.7°. eiSg 19 46.4. |
| 11 | e | 13 31 57 | |
| 11 | eiP | 17 08 26 | Southern Alaska 61.0°N 151.1°W, H= =16 57 25.7, h=37km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=68.7°. |
| 11 | eiP eipP | 20 25 59.6 26 49.7 | Japan 42.9°N 139.2°E, H=20 14 35.1, h= =205km(ISC). M=5.3 USCGS, 5.1 ISC. Dc= =75.7°. |
| 11 | iP | 22 58 42.3 | C. Kurile Islands 48.7°N 153.7°E, H= =22 47 03.1, h=67km(ISC). M=5.1 ISC, 5.0 USCGS, MPV=4.9(cp) Prühonice. Dc= =75.6°. PV(cp):1s 15mμ. |
| 12 | eiPKIKP eiPKHKP ei | 05 00 58 01 06.8 02 31 | Tonga Islands 21.1°S 174.7°W, H= =04 41 17.6, h=123km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=150.3°. |
| 12 | eiPg ei iSg i | 12 48 30 48 42 48 58.5 49 02.0 | Explosion of 5.6 Tons, Germany 51.3°N 11.7°E, H=12 47(Collm). D=2.3°, Dc=2.2°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------------------|--|---|
| 12 | eiP ei ei eiPP eL Im | 13 42 24.2 42 34 44 19 44 36 14 02 10.3 | C. Nepal 27.4°N 87.8°E, H=13 32 24.1, h= =23km(ISC). MPV=6.3(cp), MLH=5.8 Prüho- nice, M=6.1 USCGS, 5.8 ISC. Dc=59.0°. PV(cp):1s 317mμ. LmH:16s 4.6μ, LmV:16s 1.4μ. |
| 12 | iP | 14 05 19.2 | C. Nepal 27.3°N 87.7°E, H=13 55 18.1, h= =18km(ISC). M=5.3 USCGS, MPV=5.2(cp) Prühonice, 5.2 ISC. Dc=59.0°. PV(cp):1s 23mμ. |
| 12 | eP | 16 29 14 | China 34.9°N 111.6°E, H=16 18 12.0, h= =33km(ISC). M=4.9 USCGS, 4.8 ISC, Dc= =68.3°. |
| 13 | eP | 08 53 05 | Japan 38.8°N 141.2°E, H=08 40 54.4, h= =0km(ISC). M=5.2 ISC, 5.0 USCGS. Dc= =79.9°. |
| 14 | iP | 01 22 26.4 | D. Kurile Islands 49.0°N 154.4°E, H= =01 10 43.9, h=33km(ISC). MPV=5.4(cp) Prühonice, M=4.8 ISC, USCGS. Dc=75.5°. PV(cp):0.7s 22mμ. |
| 14 | eP | 01 45 18 | Ryukyu Islands 29.8°N 129.3°E, H= =01 33 15.9, h=159km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=81.8°. |
| 14 | ePKIKP | 08 47 36 | New Britain region 6.1°S 149.8°E, H= =08 28 44.5, h=49km(ISC). M=5.6 USCGS, 5.2 ISC. Dc=122.4°. |
| 14 | ei | 09 51 23.4 | |
| 14 | e | 13 31 41 | |
| 14 | iP | 22 16 59.0 | C. Colombia 5.3°N 76.2°W, H=22 04 26.0, h=103km(ISC). MPV=5.1(cp) Prühonice, M= =5.0 USCGS, 4.7 ISC. Dc=86.3°. PV(cp): 1s 23mμ. |
| 14 | e | 23 31 32 | |
| 15 | eiP ePP | 00 41 47.2 43 27 | Afghanistan 36.6°N 71.0°E, H=00 34 14.7, h=233km(ISC). M=5.4 USCGS, 5.2 ISC. Dc= =42.2°. |
| 15 | iPKIKP iPKHKP i i | 03 49 01 49 06.5 49 13 49 20.5 | D. Tonga Islands 20.6°S 177.7°W, H= =03 30 17.7, h=592km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=149.1°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------|---------------------------------------|--|
| 15 | iP iPP e e | 06 07 39.1 09 10 20 51 21 13 | C. Eastern Kazakh 49.9°N 79.0°E, H= =05 59 58.4, h=0km(ISC). M=6.3 USCGS, 5.8 ISC, MPV=5.3(cp) Prühonice. Dc= =40.2°. PV(cp):1.1s 80m μ . |
| 15 | ePg | 13 18 00 | D=1.8°. eiSg 18 24. |
| 15 | eiSg | 13 19 31 | |
| 15 | eP | 15 38 16 | Eastern China 34.9°N 111.4°E, H= =15 27 19.7, h=37km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=63.1°. |
| 15 | eiP ei | 18 46 29.9 46 47.6 | Taiwan 23.5 N 121.6 E, H=18 34 10.3, h= =54km(ISC). M=5.6 USCGS, MPV=5.4(cp) Prühonice, 5.2 ISC. Dc=82.6°, PV(cp):1s 24m μ . |
| 15 | eP | 19 34 23 | Ascension Island 2.5°S 12.9°W, H= =19 24 33.3, h=33km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=57.3°. |
| 15 | eiPKP | 20 31 58.6 | Tonga Islands 18.5°S 178.5°W, H= =20 13 25.2, h=641km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=146.9°. |
| 15 | eiPKP | 21 04 06.5 | Samoa Islands 16.5°S 172.6°W, H= =20 44 27.1, h=33km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=146.1°. |
| 15 | eP | 23 40 34 | |
| 15 | eiP ei ei Im | 23 51 15 51 51 52 49.5 58 | Algeria 35.7°N 4.3°E, H=23 47 30.9, h= =52km(ISC). MLH=4.9 Prühonice, M=4.7 USCGS ISC. Dc=16.1°. LmH:14s 5.9 μ . PV(cp):1.5s 36m μ . |
| 16 | eiPKP | 01 29 32 | Tonga Islands 20.9°S 178.5°W, H= =01 10 44.3, h=546km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=149.2°. |
| 16 | e | 10 27 56 | eiSg 28 09. |
| 16 | ePKP | 13 10 32 | Fiji Islands 25.3°S 179.7°E, H= =12 51 34.2, h=507km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=152.8°. |
| 17 | eP eiPcP | 02 24 48 25 11 | Kodiak Island 58.2°N 152.3°W, H= =02 13 26.9, h=33km(ISC). M=5.3 USCGS, 5.2 ISC. Dc=71.6°. |

| Date | Phase | h m s | Remarks |
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| 17 | eiP | 03 43 43 | Mediterranean Sea 34.6°N 27.8°E, H= =03 39 32.5, h=29km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=18.2°. |
| 17 | eiPKP ei | 08 39 18.8 39 32.3 | Tonga Islands 15.2°S 173.8°W, H= =08 19 58.5, h=158km(ISC). M=5.4 USCGS, 5.0 ISC. Dc=144.7°. |
| 17 | iPKP | 09 20 33.3 | D. Tonga Islands 16.4°S 174.1°W, H= =09 01 10.4, h=148km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=145.8°. |
| 17 | ePKP eipPKP | 11 02 09 04 17.2 | Fiji Islands 24.6°N 178.4°E, H= =10 43 17.1, h=562km(ISC). M=5.6 ISC, 5.5 USCGS. Dc=151.7°. |
| 17 | e(Pg) | 11 26 48 | eiSg 27 10. |
| 17 | e | 16 39 07 | |
| 17 | ePP eipPP | 21 14 53 15 43 | Java 6.8°S 109.0°E, H=20 57 41.8, h= =246km(ISC). M=6.5 USCGS, 5.7 ISC. Dc= =98.1°. |
| 18 | iP | 03 36 17.1 | C. Afghanistan - USSR 37.5°N 72.0°E, H= =03 28 31.4, h=104km(ISC). M=4.9 ISC, USCGS, MPV=4.8(cp) Prühonice. Dc=42.3°. PV(cp):1.0s 15m μ . |
| 20 | e | 12 47 34 | ei(Sg) 48 16. |
| 20 | eiPg eiSg Im | 14 59 35.5 59 40 59 44 | Explosion of 2.1 Tons, 50°00.5'N 15°05.6' E. Dc=38km (Prühonice). |
| 20 | eiP | 20 39 12.6 | Kurile Islands 46.3°N 152.0°E, H= =20 27 12.3, h=78km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=77.3°. |
| 21 | eiPKIP | 02 24 19.8 | C. Tonga Islands 15.9°S 173.2°W, H= =02 04 42.3, h=13km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=145.4°. |
| 21 | eiP | 11 04 39.5 | D=1.5°. i 04 40.7, iSg 04 58.5. |
| 21 | iSg Im | 12 50 42.7 50 48 | Explosion of 3.3 Tons, 50°04'N, 15°02'E. Dc=36km(Prühonice). |
| 21 | eiPg | 12 55 01.2 | D=1.6°. eiSg 55 22.5. |

| Date | Phase | h m s | Remarks |
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| 21 | ei iSg | 12 59 33.2 59 45.2 | Explosion of 11.7 Tons, 50°38'N 15°40.3' E. Dc=114km(Průhonice). |
| 21 | eP | 13 40 50 | Tibet 34.8°N 86.8°E, H=13 31 30.8, h= 34km(ISC). M=5.0 USCGS, Moscow, 4.9 ISC. Dc=53.4°. |
| 21 | iPg | 14 04 15.7 | D=1.1°. iSg 04 30.0. |
| 22 | eiP | 02 52 32 | Burma 20.0°N 94.4°E, H=02 41 35.3, h= =80km(ISC). M=5.5 USCGS, 4.8 ISC. Dc= =68.5°. |
| 22 | eiPKP | 05 37 51.5 | C. Tonga Islands 19.7°S 175.9°W, H= =05 18 31.8, h=242km(ISC). M=4.8 ISC, 4.7 USCGS. Dc=148.6°. |
| 22 | eiPg ei iSg | 11 00 14 00 26.5 00 28.7 | Explosion of 4.1 Tons, 49°36'N 15°57'E, Dc=108km(Průhonice). |
| 22 | ePg ei eiSg i | 12 45 38 46 13 46 18 46 22.0 | Czechoslovakia 49.0°N 18.7°E, H= =12 44 40(Warsaw). D=2.9°, Dc=2.9°. |
| 22 | e | 13 00 19 | ei(Sg) 00 42.7. |
| 22 | e | 14 00 53 | |
| 22 | eiPKIKP | 20 19 25.5 | Loyalty Islands 21.2°S 170.0°E, H= =19 59 48, h=4km(ISC). Dc=145.3°. |
| 23 | eiPn i iPg i i eiSg | 02 41 03.6 41 08.7 41 27.2 41 55 42 24.2 42 54 | Yugoslavia 44.4°N 17.9°E, H= =02 39 33.4, h=46km(ISC). M=5.0 USCGS 4.5 ISC. D=6.1°, Dc=6.0°. |
| 23 | ePn ePg ei | 03 28 50 29 25 30 04 | Yugoslavia 44.5°N 17.9°E, H= =03 27 16(BCIS). Dc=6.0°. |
| 23 | iPg i iSg | 08 02 50.2 02 54.2 03 05.2 | Explosion of 8.8 Tons, 49°20'N 13°08'E. Dc=125km(Průhonice). |
| 23 | eiPKP | 08 23 06.7 | C. Tonga Islands 16.4°S 174.3°W, H= =08 03 41.0, h=126km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=145.8°. |

| Date | Phase | h m s | Remarks |
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| 23 | eiPg ei iSg | 12 40 02.5 40 29 40 34.5 | Explosion 51°17'N 11°40'E(Collm). D= =2.4°, Dc=2.2°. |
| 23 | iPg | 13 28 11.2 | C. D=1.5°. ei 28 16, iSg 28 31. |
| 23 | eiP | 16 47 16 | Greenland Sea 73.1°N 6.3°E, H= =16 42 03.7, h=33km(ISC). M=4.4 ISC, CGS. Dc=23.4°. |
| 23 | iP ei | 22 03 26.5 03 45 | C. Japan 36.7°N 141.0°E, H=21 51 14.0, h=57km(ISC). M=5.2 ISC, 5.1 USCGS, MPV= =5.4(cp) Průhonice. Dc=81.6°. PV(cp):1s 30μ. |
| 23 | eP | 22 11 01 | Northwestern Kashmir 35.9°N 73.3°E, H= =22 02 53.8, h=43km(ISC). M=5.0 ISC, 4.9 USCGS. Dc=44.1°. |
| 23 | eiP | 23 36 56 | Philippine Island 7.4°N 123.9°E, H= =23 24 30.1, h=628km(ISC). M=5.3 ISCGS, 5.2 ISC, MPV=5.2(cp) Průhonice. Dc= =96.5°. PV(cp):1.5s 24μ. |
| 23 | eiP | 23 51 43 | |
| 24 | eP ei ei eiPP eiSKS iS eiPS eiPPS Im | 00 25 24 25 29.5 28 38 29 52 36 28 37 22 39 26 40 14 01 14 | Ceram Sea 2.4°S 126.0°E, H=00 11 12.0, h=6km(ISC). M=6.6 USCGS, 6.5 ISC, MLH= =7.7 Průhonice. D=108°, Dc=105.5°. PH: 14s 9.3μ, PV:14s 7μ(Kirnos), LmH:26s 250μ. |
| 24 | e | 15 48 22 | |
| 24 | ePKP | 16 25 11.5 | Tonga Islands 21.1°S 178.6°W, H= =16 06 25.8, h=555km(ISC). M=5.0 USCGS, 4.6 ISC. Dc=149.3°. |
| 24 | eP | 20 08 49 | Alaska 54.7°N 162.0°W, H=19 57 03.9, h= =20km(ISC). M=5.0 USCGS, 4.5 ISC. Dc= =75.5°. |
| 24 | eiP e | 22 44 04.5 44 53 | Greenland Sea 73.2°N 6.5°E, H= =22 38 56.5, h=33km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=23.5°. |

| Date | Phase | h m s | Remarks |
|------|--------------------------|---|---|
| 25 | iP ei | 09 03 34.0 03 46 | C. West of Gibraltar 37.0°N 8.8°W, H= =08 58 52.1, h=96km(ISC). M=4.2 ISC, MPV=4.4(cp) Prühonice. Dc=21.2°. PV(cp): 0.9s 18mμ. |
| 25 | eiP ei | 12 23 12 23 26 | Cyprus 34.6°N 32.8°E, H=12 18 34.0, h= =20km(ISC). M=4.8 ISC, USCGS. Dc=20.4°. |
| 26 | eiP | 02 41 30 | Ryukyu Islands 28.2°N 131.2°E, H= =02 28 57.6, h=13km(ISC). M=4.8 ISC, USCGS. Dc=84.1°. |
| 26 | eiPKP ei | 05 13 48.7 15 57.5 | C. Fiji Islands 23.3°S 179.7°E, H= =04 54 54.0, h=500km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=150.9°. |
| 26 | eiPKP | 11 01 18.2 | D. Fiji Islands 17.7°S 178.6°W, H= =10 42 36.0, h=515km(ISC). M=4.2 USCGS, 4.1 ISC. Dc=146.1°. |
| 26 | eiPn ei iSn iSg | 11 58 06.5 58 56.5 59 10.2 59 40.7 | Yugoslavia 45.4°N 18.3°E, H=11 56 43.4, h=0km(ISC). D=5.4°, Dc=5.2°. |
| 26 | iP epP ePP | 23 59 46.2 00 00 09 02 52 | D. Japon 36.1°N 139.8°E, H=23 47 36.6, h=90km(ISC). M=5.4 USCGS, 5.3 ISC. Dc= =81.6°. |
| 27 | eiPg | 10 44 14.4 | D=2.2°. eiSg 44 42.9. |
| 27 | e(Sg) | 10 54 45.5 | |
| 27 | iPKP ei | 20 32 26.3 32 35.3 | D. Fiji Islands 22.0°S 179.5°W, H= =20 13 39.9, h=583km(ISC). M=4.9 ISC. Dc=150.0°. |
| 28 | e | 00 42 30 | |
| 28 | eiP ei | 02 47 03.2 47 46.8 | Sumatra 2.7°S 102.6°E, H=02 34 21.9, h= =203km(ISC). M=5.6 USCGS, 5.2 ISC. Dc= =90.8°. |
| 28 | iP e | 04 16 35.9 16 50 | C. Mexico 15.3°N 93.8°W, H=04 03 43.4, h=71km(ISC). M=5.3 USCGS, 5.1 ISC, MPV= 5.0 (cp) Prühonice. Dc=89.7°. PV(cp): 1.0s 9mμ. |
| 28 | ePg e eiSg | 12 38 32 38 50 38 59 | Explosion of 3.15 Tons, 51°17'N 110°40'E (Collm). D=2.1°, Dc=2.2°. |

| Date | Phase | h m s | Remarks |
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| 28 | iPg | 12 46 24.2 | D=1.3°. iSg 46 41.7. |
| 28 | ei | 12 52 13.3 | eiSg 52 24.6. |
| 28 | iPg | 13 00 30.8 | D. D=1.4°. ei 00 56, Im 01 03. |
| 28 | eiPg eiSg | 13 35 58.6 36 22 | Explosion of 2.6 Tons, 51°22.3'N 12°53.5'E(Collm). D=1.8°, Dc=1.7°. |
| 28 | ePn e ei e | 23 12 59 14 21 14 55.4 15 24 | Bulgaria 42.5°N 23.1°E, H=23 10 46.8, h= =77km(ISC). M=4.5 ISC, USCGS. Dc=9.5°. |
| 29 | eiPKP | 03 47 06.8 | D. Tonga Islands 21.4°S 178.6°W, H= =03 28 14.2, h=501km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=149.6°. |
| 29 | eL Im | 07 53 59 | Gulf of California 24.0°N 108.3°W, H= =06 58 10.3, h=35km(ISC). Dc=90.6°. |
| 29 | iPg ei iSg Im | 08 59 58.5 09 00 02.1 00 03.5 00 04 | Explosion of 5 Tons, 49°38.8'N 14°20'E. Dc=39km(Prühonice). |
| 29 | iP e | 09 46 48.0 47 42 | C. Kamchatka 54.8°N 161.8°E, H= =09 35 28.3, h=53km(ISC). M=5.8 USCGS, 5.6 ISC, 5 1/4 Moscow, MPV=5.9(cp) Prühonice. Dc=72.1°. PV(cp):1.2s 121mμ. |
| 29 | ei(Sg) | 13 05 46.8 | ei(Sg) 06 30. |
| 29 | ei | 14 01 05 | eiSg 01 55. |
| 29 | eiSg | 19 56 19.5 | |
| 29 | eiP | 20 14 11.6 | Northwestern Kashmir 35.5°N 73.4°E, H= =20 06 03.7, h=41km(ISC). M=5.7 USCGS, 4.9 ISC. Dc=44.4°. |
| 29 | eP ePP | 23 43 09 43 40 | Mediterranean Sea 34.9°N 27.6°E, H= =23 39 02.5, h=25km(ISC). M=5.1 USCGS, 4.7 ISC. Dc=17.8°. |
| 30 | eP | 04 49 10.5 | Aleutian Islands 51.7°N 179.7°W, H= 04 37 21.4, h=88km(ISC). M=5.6 USCGS, 5.1 ISC. Dc=78.0°. |

| Date | Phase | h m s | Remarks |
|------|-----------|---------------------|---|
| 30 | iPg | 09 00 35.7 | D=1.4°. i 00 48.5, iSg 00 53.3, Im 01 09 |
| 30 | eiPg | 13 44 58.0 | D=1.8°. eiSg 45 22. |
| 30 | iPg | 13 55 08 | D=1.3°. iSg 55 24.6. |
| 30 | ei | 14 30 29.5 | |
| 30 | eiP ei | 16 01 11.8 01 22 | Kurile Islands 50.1°N 157.9°E, H= =15 49 32.0, h=55km(ISC). M=4.7 USCGS, 4.6 ISC, 4 1/2 Moscow. Dc=75.5°. |
| 30 | iPKIKP | 18 00 27.0 | D. New Hebrides Islands 13.0°S 169.6°E, H=17 42 11.6, h=644km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=137.9°. |
| 30 | eiP | 18 27 11.5 | |
| 31 | e | 13 08 42 | |
| 31 | ei | 14 05 33.5 | |
| 31 | ei | 17 27 11.5 | i 27 14.0, ei(Sg) 27 18. |
| 31 | eP | 23 48 12 | Aleutian Islands 51.2°N 178.6°E, H= =23 36 10.8, h=13km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=78.3°. |

| Date | Phase | h m s | Remarks |
|------|---|---|---|
| 1 | eiPKP eiPKP2 eipPKP ei ei | 05 45 54.7 46 15 47 46 49 17 56 32.5 | D. West of Tonga 18.6°S 178.1°W, H= =05 27 02.2, h=442km(ISC). M=5.6 USCGS, 5.4 ISC. Dc=147.1°. |
| 1 | eiPKP epPKP | 08 50 13.7 52 11 | West of Tonga 21.3°S 178.6°W, H= =08 31 17.2, h=464km(ISC). M=5.3 USCGS, 4.5 ISC. Dc=149.6°. |
| 2 | eiP | 04 15 40.2 | |
| 2 | eiP e | 04 25 54.3 26 50 | Japan 37.8°N 142.2°E, H=04 13 41.1, h= =39km(ISC). M=4.8 ISC, USCGS. Dc=81.2°. |
| 2 | eiP | 04 43 13.3 | Mexico 17.2°N 94.5°W, H=04 30 32.4, h= =121km(ISC). M=5.3 USCGS, 5.2 ISC. Dc= =88.7°. |
| 2 | iPKP i ipPKP | 10 17 48.8 17 55.3 18 36.8 | D. Fiji Islands 21.5°S 176.2°W, H= =09 58 20.5, h=200km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=150.3°. |
| 2 | iPg | 13 00 41.8 | D=1.1°. iSg 00 55.8, Im 01 06. |
| 2 | e | 14 31 13 | iSg 31 31, Im 31 48. |
| 2 | eiP ei ei eiPP eS eiScS Q Qm Rm | 16 04 49.9 04 56 05 38 06 41 11 18 14 36 18 21 22 | Tadzhikistan 37.4°N 73.2°E, H= =15 56 49.5, h=15km(ISC). M=5.6 Moscow, 5.8 USCGS, 5.3 ISC, MLH=6.0, MPV=4.9(cp) Průhonice. D=44°, Dc=43.2°. QmN:28s 19μ, RmH:12s 11.3μ, PV(cp):1.5s 36mμ. |
| 3 | ePn ei ei ei | 01 20 30 20 36 22 00.5 22 07 | Yugoslavia 43.3°N 17.8°E, H=01 18 41.6, h=0km(ISC). M=4.4 USCGS. Dc=7.1°. |
| 3 | ei | 09 46 28.6 | Im 46 48. |
| 3 | eiSg | 10 51 49.6 | |
| 3 | eiPg iSg | 12 44 48.7 45 19.6 | Explosion of 3.5 Tons, 51.3°N 11.7°E, H=12 44(Collm). D=2.5°, Dc=2.2°. |

| Date | Phase | h m s | Remarks |
|------|---|--|--|
| 4 | eiFKIKP i | 03 44 39.4 44 48.5 | South of Australia 51.7°N 139.8°E, H= =03 25 02.8, h=33km(ISC). Dc=146.1°. |
| 4 | eiP eiPcP i i iPP iPPP i i Im Im | 05 13 19 13 26 14 50 15 46.5 16 48.4 18 38.5 21 27.0 23 28.5 06 04 06 | Aleutian Islands 51.3°N 178.5°E, H= =05 01 21.6, h=36km(ISC). M=8 1/2 Mos- cow, 6.1 ISC, 6.0 USCGS, MPH=7.6, MLV= 7 3/4 Průhonice. Dc=78.2°. PH:17s 46μ, LV:17s 240μ, LV:16s 180μ. |
| 4 | eiP ei | 08 45 32.4 45 49.4 | C. Aleutian Islands 51.9°N 174.0°E, H= =08 33 41.3, h=31km(ISC). M=5.7 USCGS, 5.6 ISC, MPV=5.4(cp) Průhonice. Dc= =77.0°. PV(cp):1.5s 48μ. |
| 4 | eiP | 08 49 06.3 | C. Aleutian Islands 51.8°N 174.5°E, H= =08 37 11.7, h=15km(ISC). M=5.3 ISC, 5.1 USCGS, MPV=5.2(cp) Průhonice. PV(cp) 1.3s 33μ. |
| 4 | eiP | 08 49 06.3 | C. Aleutian Islands 51.8°N 174.5°E, H= =08 37 11.7, h=15km(ISC). M=5.3 ISC, 5.1 USCGS, MPV=5.2(cp) Průhonice. PV(cp): 1.3s 33μ. |
| 4 | iP i | 08 52 39.0 52 42.0 | C. Aleutian Islands 51.4°N 179.6°E, H= =08 40 42.1, h=40km(ISC). MPV=5.6(cp) Průhonice. Dc=78.2°. PV(cp):1s 45μ. |
| 4 | eiP | 09 11 06.4 | D. Aleutian Islands 52.5°N 173.7°E, H= =08 59 20.0, h=34km(ISC). M=5.5 USCGS, 5.4 ISC, MPV=5.3(cp) Průhonice. Dc= =76.3°. PV(cp):1s 23μ. |
| 4 | eiP | 09 12 22.0 | Aleutian Islands 51.9°N 174.3°E, H= =09 00 31.5, h=35km(ISC). M=5.4 USCGS, 5.2 ISC, MPV=5.4(cp) Průhonice. Dc= =77.0°. PV(cp):1s 30μ. |
| 4 | eP | 09 18 22.5 | Aleutian Islands 51.3°N 177.3°E, H= =09 06 27.1, h=40km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=78.1°. |
| 4 | eiP | 09 38 54 | |
| 4 | eiP | 09 47 14.5 | Aleutian Islands 51.8°N 176.7°E, H= =09 35 20.8, h=25km(ISC). M=5.3 ISC, 5.2 USCGS, Dc=77.5°. |

| Date | Phase | h m s | Remarks |
|------|----------------|------------------------------|--|
| 4 | eP | 09 54 47.5 | Aleutian Islands 51.7°N 174.6°E, H= =09 42 52.2, h=15km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=77.3°. |
| 4 | iP eiPcP | 10 03 57.2 04 05.6 | Aleutian Islands 51.6°N 175.7°E, H= =09 51 59.2, h=4km(ISC). M=5.5 USCGS, 5.3 ISC, MPV=5.2(cp) Průhonice. Dc= 77.6°. PV(cp):1.2s 26μ. |
| 4 | eP | 10 12 55 | Aleutian Islands 51.8°N 174.7°E, H= =10 01 02.0, h=33km(ISC). M=5.0 ISC, 4.9 USCGS. Dc=77.3°. |
| 4 | eiP | 10 16 19.3 | Aleutian Islands 52.2°N 173.0°E, H= =10 04 31.4, h=40km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=76.5°. |
| 4 | eiP | 10 26 17 | Aleutian Islands 52.1°N 173.3°E, H= =10 14 27.9, h=30km(ISC). M=5.1 ISC, USCGS. Dc=76.7°. |
| 4 | eP | 10 42 40 | Aleutian Islands 52.1°N 173.1°E, H= =10 30 40.6, h=31km(ISC). M=4.7 ISC, USCGS. Dc=76.7°. |
| 4 | eiP | 10 51 20.3 | C. Aleutian Islands 52.2°N 172.9°E, H= =10 39 31.8, h=33km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=76.5°. |
| 4 | eiP | 10 53 29 | Aleutian Islands 51.6°N 176.3°E, H= =10 41 30.4, h=41km(ISC). M=5.1 ISC, USCGS. Dc=77.7°. |
| 4 | eP ei | 11 12 21 12 34.7 | Aleutian Islands 51.6°N 176.6°E, H= =11 00 28.3, h=41km(ISC). M=5.1 ISC, USCGS. Dc=77.7°. |
| 4 | | | 11 15 - 18 00 short period instruments out of operation |
| 4 | iP ei ei | 12 17 52 20 11 28 16.3 | C. Aleutian Islands 52.7°N 172.0°E, H= =12 06 05.7, h=30km(ISC). M=5.8 ISC, USCGS, MPV=6.4 Průhonice. Dc=75.9°. PV: 7s 2μ. |
| 4 | iP ePP | 14 30 10.3 33 00 | C. Aleutian Islands 53.0°N 171.1°E, H= =14 18 26.5, h=16km(ISC). M=5.7 ISC, USCGS, MPV=6.1 Průhonice. Dc=75.5°. PV: 6s 1μ. |

| Date | Phase | h m s | Remarks |
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| 4 | eP | 16 03 05 | Aleutian Islands 53.0°N 170.8°E, H= =15 51 25.8, h=40km(ISC). M=5.9 ISC, 5.7 USCGS. Dc=75.5°. |
| 4 | eiP | 18 02 36 | Aleutian Islands 50.0°N 175.1°W, H= =17 50 30, h=25km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=80.1°. |
| 4 | eP | 18 18 57 | Aleutian Islands 51.3°N 174.9°E, H= =18 06 57.6, h=20km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=77.7°. |
| 4 | eP ei | 18 25 21.6 25 52.5 | Aleutian Islands 51.9°N 173.4°E, H= =18 13 51.5, h=29km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=76.9°. |
| 4 | eiP | 18 46 10 | Aleutian Islands 51.3°N 175.9°E, H= =18 34 08.3, h=34km(ISC). M=5.3 USCGS, ISC, MPV=5.2(cp). Dc=77.8°. PV(cp): 1.2s 26mμ. |
| 4 | eP eiPcP | 18 51 41 51 49.2 | Aleutian Islands 51.5°N 174.9°E, H= =18 39 47.1, h=25km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=77.5°. |
| 4 | eP | 19 00 06 | Aleutian Islands 52.0°N 175.1°E, H= =18 48 09.2, h=19km(ISC). M=5.3 USCGS, 5.2 ISC. Dc=77.0°. |
| 4 | eiP | 19 03 35.7 | Aleutian Islands 52.0°N 172.1°E, H= =18 51 51.2, h=40km(ISC). M=4.6 ISC, 4.5 USCGS. Dc=76.0°. |
| 4 | eiP | 19 06 34.6 | North Atlantic Ridge 13.5 N 44.7 W, H= =18 56 26.3, h=19km(ISC). M=5.5 USCGS, 5.1 ISC. Dc=60.1°. |
| 4 | iP eiPcP | 19 10 00.7 10 09.2 | Aleutian Islands 52.1°N 172.9°E, H= =18 58 11.3, h=27km(ISC). M=4.8 ISC, USCGS. Dc=76.6°. |
| 4 | eiP | 19 24 12.2 | Aleutian Islands 51.4°N 175.0°E, H= =19 12 06.5, h=35km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=77.6°. |
| 4 | eiP | 19 28 43.2 | Aleutian Islands 52.6°N 171.9°E, H= =19 16 57.5, h=33km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=76.0°. |

| Date | Phase | h m s | Remarks |
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| 4 | eiP ei | 19 54 12.7 54 25.7 | North Atlantic Ridge 13.4°N 44.9°W, H= =19 44 02.9, h=11km(ISC). M=5.5 ISC, 5.4 USCGS. Dc=60.3°. |
| 4 | eP | 20 06 32 | Aleutian Islands 51.6°N 175.6°E, H= =19 54 38.8, h=25km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=77.5°. |
| 4 | eP eiPcP | 20 09 43 09 52.2 | Aleutian Islands 51.7°N 174.8°E, H= =19 57 50.5, h=27km(ISC). M=5.3 USCGS, 5.1 ISC. Dc=77.3°. |
| 4 | eiP ei | 20 44 19.0 44 32.7 | Aleutian Islands 51.6°N 176.6°E, H= =20 32 25.6, h=40km(ISC). M=5.4 USCGS, 5.2 ISC, MPV=5.2(cp) Prùhonice. Dc= =77.6°. PV(cp):1s 18mμ. |
| 4 | eP | 20 59 15 | Aleutian Islands 51.2°N 176.1°E, H= =20 47 14.9, h=30km(ISC). M=5.3 USCGS, 5.1 ISC. Dc=78.0°. |
| 4 | eiP | 21 36 08 | Aleutian Islands 51.4°N 174.9°E, H= =21 24 07.5, h=30km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=77.6°. |
| 4 | eiP | 21 41 31.2 | Aleutian Islands 52.1°N 174.6°E, H= =21 29 37.3, h=14km(ISC). Dc=76.8°. |
| 4 | eP | 21 47 45 | Aleutian Islands 51.1°N 177.7°E, H= =21 35 47.8, h=33km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=78.2°. |
| 4 | eP | 21 50 52 | Aleutian Islands 51.2°N 177.4°E, H= =21 38 47.3, h=33km(ISC). M=4.8 ISC, 4.7 USCGS. Dc=78.1°. |
| 4 | eP | 22 07 39 | Aleutian Islands 51.6°N 176.4°E, H= =21 55 30.0, h=40km(ISC). M=4.5 USCGS, 4.1 ISC. Dc=77.6°. |
| 4 | iP | 22 41 58.6 | D. Aleutian Islands 51.8°N 174.3°E, H= =22 30 05.6, h=31km(ISC). M=5.5 ISC, 5.4 USCGS, MPV=5.3(cp) Prùhonice. Dc= 77.1°. PV(cp):1s 23mμ. |
| 4 | eP | 23 38 20 | Aleutian Islands 51.3°N 177.6°E, H= =23 26 22.9, h=30km(ISC). M=5.2 ISC, Dc=78.1°. |

| Date | Phase | h m s | Remarks |
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| 5 | eSg | 00 16 11 | Poland 50.3°N 18.9°E, H=00 14 40, M=2.7(Warsaw). Dc=2.8°. |
| 5 | eP ei ei | 00 43 26 43 50.6 43 56.6 | Aleutian Islands 51.8°N 176.3°E, H= =00 42 23.8, h=36km(ISC). M=4.9 ISC, USCGS. Dc=76.9°. |
| 5 | eiP | 01 18 13.2 | Aleutian Islands 52.0°N 174.1°E, H= =01 06 16.4, h=28km(ISC). M=4.9 ISC, USCGS. Dc=76.9°. |
| 5 | eP | 02 18 28 | Aleutian Islands 51.9°N 173.9°E, H= =02 06 34.5, h=15km(ISC). Dc=77.0°. |
| 5 | eP | 02 40 20 | Aleutian Islands 51.9°N 173.1°E, H= =02 28 29.2, h=30km(ISC). |
| 5 | eP eiPcp | 02 40 20 40 31 | Aleutian Islands 51.9°N 173.1°E, H= =02 28 29.2, h=30km(ISC). M=4.5 ISC, USCGS. Dc=76.8°. |
| 5 | eiP | 02 45 30.1 | Aleutian Islands 52.0°N 173.1°E, H= =02 33 39.6, h=26km(ISC). M=4.8 ISC, 4.7 USCGS. Dc=76.7°. |
| 5 | eiP | 03 10 33.5 | Aleutian Islands 51.1°N 175.4°E, H= =02 58 31.4, h=34km(ISC). M=5.4 USCGS, 5.2 ISC, MPV=5.4(cp) Prùhonice. Dc= =77.8°. PV(cp):1s 30μ. |
| 5 | eP | 03 14 40 | Aleutian Islands 51.6°N 176.1°E, H= =03 02 47.0, h=39km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.6°. |
| 5 | eP | 04 13 37 | Aleutian Islands 52.1°N 175.4°E, H= =04 01 43.7, h=36km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.0°. |
| 5 | eP | 04 58 51 | Aleutian Islands 51.5°N 175.1°E, H= =04 46 46.4, h=32km(ISC). M=4.6 ISC, USCGS. Dc=77.5°. |
| 5 | eiP | 05 17 05.7 | Aleutian Islands 52.4°N 173.2°E, H= =05 05 17.7, h=40km(ISC). M=5.1 ISC, USCGS. Dc=76.6°. |
| 5 | eP ei | 05 25 10 25 39 | Aleutian Islands 52.2°N 172.4°E, H= =05 13 19.5, h=30km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=76.5°. |

| Date | Phase | h m s | Remarks |
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| 5 | eiP | 06 37 16.5 | Aleutian Islands 51.5°N 176.9°E, H= =06 25 08.1, h=33km(ISC). M=4.8 ISC. Dc=77.6°. |
| 5 | iP | 07 19 54.0 | C. Aleutian Islands 51.6°N 176.0°E, H= =07 07 58.1, h=24km(ISC). M=4.8 ISC, USCGS, MPV=5.1(cp) Prùhonice. Dc=77.6°. PV(cp):1s 15μ. |
| 5 | iP eiPcp e | 07 31 06.0 31 17.5 32 35 | C. Aleutian Islands 51.7°N 174.6°E, H= =07 19 14.2, h=36km(ISC). M=5.2 ISC, 5.0 USCGS, MPV=5.2(cp) Prùhonice. Dc= 77.3°. PV(cp):1s 18μ. |
| 5 | eP | 07 41 10 | Aleutian Islands 51.6°N 175.4°E, H= =07 29 16.9, h=35km(ISC). M=5.0 ISC, USCGS. Dc=77.4°. |
| 5 | ePKIKP | 08 00 22 | West of Tonga 17.4°S 179.0°W, H= =07 41 37.5, h=479km(ISC). M=4.4 ISC. Dc=145.7°. |
| 5 | eiP | 09 03 13 | C. Aleutian Islands 52.2°N 175.1°E, H= =08 51 23.8, h=42km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=76.9°. |
| 5 | iP ei ei eiPP ePPP eiS eiPPS e eL Im | 09 43 57.3 44 08.8 45 35 46 49 48 28 53 40 54 26 10 02 18 09 20 | C. Aleutian Islands 52.4°N 174.3°E, H= =09 32 06.3, h=16km(ISC). M=5.9 ISC, USCGS, MPV=6.1(cp), MLH=6 Prùhonice. Dc= =76.5°, Dc=76.6°. LmH:20s 7.4μ, PV(cp): 1s 150μ. |
| 5 | eP | 10 20 35 | Aleutian Islands 52.6°N 175.1°E, H= =10 08 46.3, h=30km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=76.5°. |
| 5 | iP eiPcp | 11 02 13.5 02 24.5 | C. Aleutian Islands 52.3°N 172.5°E, H= =10 50 27.8, h=44km(ISC). M=5.1 ISC, USCGS, MPV=5.3(cp) Prùhonice. Dc=76.3°. |
| 5 | iPg | 12 00 29.0 | C. Explosion of 26.7 Tons 50°34.8'N 14°00.9' E. Dc=76.5km(Prùhonice). |
| 5 | e | 12 51 01 | ei(Sg) 51 32.7, ei 52 08.2. |

| Date | Phase | h m s | Remarks |
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| 5 | e(Sg) | 12 53 33 | |
| 5 | iP ei ePP | 13 50 37.2 51 15.7 53 30 | D. Aleutian Islands 52.0°N 174.0°E, H= =13 38 46.9, h=37km(ISC). M=5.6 ISC, 5.5 USCGS, MPV=5.5(cp) Prúhonice. Dc= =76.9°. PV(cp):1.1s 41mμ. |
| 5 | iP iPcP | 14 03 38.0 03 49.7 | C. Aleutian Islands 52.1°N 173.3°E, H= =13 51 48, h=31km(ISC). M=5.9 USCGS, 5.2 ISC, MPV=5.2(cp) Prúhonice. Dc= =76.7°. PV(cp):1s 20mμ. |
| 5 | eiP | 14 20 14.8 | Aleutian Islands 51.7°N 174.4°E, H= =14 08 23.2, h=35km(ISC). M=5.8 USCGS, 5.4 ISC, MPV=5.3(cp) Prúhonice. Dc= =77.2°. PV(cp):1s 23mμ. |
| 5 | eiP eiPcP | 14 40 34.7 40 45.7 | C. Aleutian Islands 51.7°N 174.4°E, H= =14 28 42.2, h=30km(ISC). M=5.3 USCGS, 5.1 ISC, MPV=4.8(cp) Prúhonice. Dc= =77.2°. PV(cp):1s 8mμ. |
| 5 | eP | 14 50 14 | Aleutian Islands 51.4°N 174.8°E, H= =14 38 16.0, h=47km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=77.6°. |
| 5 | eP | 16 51 47.5 | Aleutian Islands 52.3°N 172.7°E, H= =16 39 58.5, h=30km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=76.5°. |
| 5 | eP e | 17 02 58 03 18 | Aleutian Islands 51.6°N 174.1°E, H= =16 50 49.4, h=40km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=77.3°. |
| 5 | eiP eiPcP | 17 29 22 29 33 | C. Aleutian Islands 51.6°N 173°E, H= =17 17 31.2, h=40km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.2°. |
| 5 | eiP | 18 27 59.5 | Aleutian Islands 51.9°N 173.7°E, H= =18 16 04.5, h=7km(ISC). M=5.1 ISC, USCGS. Dc=77.0°. |
| 5 | eiP eiPcP | 18 35 58.0 36 08 | Aleutian Islands 51.9°N 174.6°E, H= =18 24 06.6, h=34km(ISC). M=5.3 USCGS, 5.1 ISC, MPV=5.1(cp) Prúhonice. Dc= 77.1°. PV(cp):1.2s 17mμ. |
| 5 | eP ei ei | 19 12 33 12 40.5 13 41.5 | Aleutian Islands 52.2°N 173.5°E, H= =19 00 46.7, h=26km(ISC). M=5.5 USCGS, 5.4 ISC. Dc=76.6°. |

| Date | Phase | h m s | Remarks |
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| 5 | iP i ei e eSS eL Im | 20 59 04.3 59 25.3 21 02 36 08 58 14 00 26 35.5 | Aleutian Islands 51.8°N 174.4°E, H= =20 47 12.4, h=30km(ISC). M=5.7 ISC, USCGS, MLH=5.7 Prúhonice. Dc=77.1°. LmH:18s 3.5μ. |
| 5 | eiP | 22 00 25.5 | Aleutian Islands 51.3°N 178.4°E, H= =21 48 26.6, h=22km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=78.2°. |
| 5 | iP eiPcP eL Im | 22 27 55.7 28 09.2 58 00 23 06.5 | C. Aleutian Islands 51.5°N 176.6°E, H= =22 16 01.2, h=36km(ISC). M=5.6 USCGS, 5.3 ISC, MLH=5.4 Prúhonice. Dc=77.7°. LmH:19s 1.5μ. |
| 6 | eP | 00 20 14 | Aleutian Islands 51.8°N 174.9°E, H= =00 08 17.6, h=25km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=77.2°. |
| 6 | eP | 00 23 56 | Aleutian Islands 52.5°N 171.5°E, H= =00 12 08.3, h=30km(ISC). M=4.4 USCGS, 4.3 ISC. Dc=76.0°. |
| 6 | iP i ei ei eiPP iS ei ei eiSS Q Qm R Rm | 01 52 25.6 52 39.0 53 17.5 55 05 55 17.1 02 02 17.0 02 49.0 03 41 07 59 14 20 30 37.5 | D.N.W. South of Alaska 53.1°N 161.8°W, H=01 40 34.6, h=43km(ISC). M=6 1/2 Mos- cow, 6.5 ISC, 6.4 USCGS, MPV=6.9, MPV= =6.5(cp), MLH=6.2 Prúhonice. D=79°, Dc=77.2°. PV(cp):2s 750mμ, PN:6s 4.3μ, PV:6s 5.5μ, SH:10s 4.5μ, QmH:28s 13μ, RmH:17s 9.6μ. |
| 6 | ei | 02 19 27 | Aleutian Islands 50.2°N 170.6°E, H= =02 07 03.3, h=25km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=78.1°. |
| 6 | eP | 03 34 21 | Aleutian Islands 51.3°N 174.1°E, H= =03 22 30.1, h=61km(ISC). M=5.3 ISC, 5.2 USCGS. Dc=77.6°. |
| 6 | eP ei | 03 51 10.5 51 18 | Aleutian Islands 51.6°N 175.4°E, H= =03 39 16.5, h=31km(ISC). M=5.1 USCGS, 4.7 ISC. Dc=77.5°. |

| Date | Phase | h m s | Remarks |
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| 6 | iP | 03 51 55.5 | Dodecanese Islands 35.4°N 27.0°E, H= =03 47 57.8, h=71km(ISC). M=5.4 USCGS, 4.9 ISC. Dc=17.1°. |
| 6 | iP iPcP i eS eiPS eiPPS eiSS eL Im | 04 14 43.1 14 52.0 15 13 24 30 25 09 25 27 29 45 40 49.5 | C.N. Aleutian Islands 52.0°N 175.6°E, H=04 02 52.2, h=32km(ISC). M=6 1/4 Moscow, 5.9 USCGS, 5.8 ISC, MPV=5.7(cp), MLH=6.1 Prúhonice. D=77.5°, Dc=77.1°. PV(cp):1.9s 111mμ, LmH:24s 12μ. |
| 6 | eP ei | 05 44 06 46 52 | Aleutian Islands 51.6°N 175.8°E, H= =05 32 13.1, h=30km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=77.6°. |
| 6 | eiP eiPcP | 06 35 28.5 35 39 | Aleutian Islands 52.0°N 173.3°E, H= =06 23 39.5, h=33km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=76.8°. |
| 6 | eiP | 06 40 04.6 | D. Aleutian Islands 51.3°N 177.7°E, H= =06 28 06.6, h=25km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=78.1°. |
| 6 | iP ei | 07 26 34.5 26 42.5 | C. Aleutian Islands 52.0°N 173.0°E, H= =07 14 44.2, h=28km(ISC). M=5.4 USCGS, 5.3 ISC, MPV=5.6(cp) Prúhonice. Dc= =76.7°. PV(cp):1s 45mμ. |
| 6 | eiP | 07 39 11 | Aleutian Islands 52.4°N 172.4°E, H= =07 27 24.1, h=33km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=76.3°. |
| 6 | eP | 08 09 14 | Aleutian Islands 52.3°N 173.3°E, H= =07 57 24.6, h=20km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=76.5°. |
| 6 | e | 08 57 03 | e 57 24 |
| 6 | eiP ei | 08 58 43.8 59 10 | Aleutian Islands 51.9°N 174.0°E, H= =08 46 50.9, h=25km(ISC). M=6.0 USCGS, 5.4 ISC, MPV=5.2(cp) Prúhonice. Dc= =77.0°. PV(cp):1s 18mμ. |
| 6 | eP eiPcP | 09 06 30 06 41 | Aleutian Islands 52.2°N 175.4°E, H= =08 54 39.7, h=30km(ISC). M=5.4 USCGS, 4.9 ISC. Dc=76.9°. |

| Date | Phase | h m s | Remarks |
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| 6 | eP ei | 09 16 29 16 45 | Aleutian Islands 51.4°N 174.1°E, H= =09 04 09.3, h=35km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=77.4°. |
| 6 | eiP ei | 12 34 17.8 34 37 | C. Aleutian Islands 51.8°N 175.3°E, H= =12 22 26.7, h=37km(ISC). M=5.4 ISC, USCGS, MPV=5.4(cp) Prúhonice. Dc=77.3°. PV(cp):1.2s 34mμ. |
| 6 | eP | 13 27 10 | Aleutian Islands 51.8°N 175.4°E, H= =13 15 15.4, h=25km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=77.3°. |
| 6 | eiPn | 13 31 12.7 | D=1.3°. eiPg 31 13.7, eiSg 31 29.3. |
| 6 | eP ei ei | 14 23 01 23 06 23 29.7 | Aleutian Islands 51.9°N 174.3°E, H= =14 11 10.8, h=33km(ISC). M=5.3 ISC, 5.1 USCGS. Dc=77.0°. |
| 6 | eP | 14 46 17 | South of Alaska 53.4°N 161.8°W, H= =14 34 25.7, h=28km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=76.9°. |
| 6 | eP | 15 43 33 | Aleutian Islands 51.8°N 174.6°E, H= =15 31 42.3, h=40km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=77.1°. |
| 6 | eiP ei eiPP eiS eiPS ei Q Qm R Rm Rm | 17 02 19.6 02 29 05 17 12 06.7 12 39 17 41 23 29 40 43 47.5 | D.N. South of Alaska 53.3°N 161.7°W, H= =16 50 28.9, h=33km(ISC). M=6 1/4 Mos- cow, 6.1 ISC, USCGS, MPV=6.6, MSH=6.7, MLH=6.2 Prúhonice. D=77°, Dc=77.1°. |
| 6 | eiP | 17 07 18.0 | C. Aleutian Islands 52.3°N 171.6°E, H= =16 55 31.1, h=33km(ISC). M=4.9 ISC, USCGS. Dc=76.2°. |
| 6 | eiP | 18 19 20 | Aleutian Islands 51.5°N 176.6°E, H= =18 07 21.6, h=4km(ISC). M=5.0 USCGS, 4.9 ISC, MPV=5.1(cp) Prúhonice. Dc= =77.8°. PV(cp):1.5s 26mμ. |
| 6 | eiP eiPcP | 18 22 23.5 22 35.5 | Aleutian Islands 51.5°N 176.6°E, H= =18 10 28.9, h=32km(ISC). M=5.4 ISC, 5.3 USCGS. Dc=77.8°. |

| Date | Phase | h m s | Remarks |
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| 6 | iP eiPcP | 18 54 26.5 54 39.4 | C. Aleutian Islands 51.4°N 176.4°E, H= =18 42 31.3, h=32km(ISC). M=5.0 ISC, USCGS, MPV=5.1(cp) Průhonice. Dc=77.8°. |
| 6 | eP | 19 31 44 | Aleutian Islands 51.3°N 176.3°E, H= =19 19 49.1, h=25km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=77.9°. |
| 6 | iP | 21 14 45.5 | C. Aleutian Islands 52.8°N 172.0°E, H= =21 02 58.5, h=10km(ISC). M=5.6 USCGS, 5.0 ISC, MPV=5.2(cp) Průhonice. Dc= =75.8°. PV(cp): 0.8s 16mμ. |
| 6 | eiP | 23 35 35.3 | Aleutian Islands 51.5°N 176.6°E, H= =23 23 40.9, h=33km(ISC). M=4.9 ISC, USCGS. Dc=77.7°. |
| 7 | eiP eiPcP | 00 00 07.2 00 17.3 | Aleutian Islands 51.9°N 173.4°E, H= =23 48 17.2, h=30km(ISC). M=5.2 USCGS 5.1 ISC. Dc=76.9°. |
| 7 | e | 01 06 46 | e 07 09, ei 09 13.5. |
| 7 | eiP eiPcP | 01 12 00.7 12 10.2 | Aleutian Islands 52.3°N 172.1°E, H= =01 00 13.3, h=31km(ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.3(cp) Průhonice. Dc= 76.3°. PV(cp):1s 27mμ. |
| 7 | eiP eiPcP eL Lm | 02 29 02.1 29 13.6 52 00 03 06 00 | Aleutian Islands 51.3°N 173.4°E, H= =02 17 10.1, h=45km(ISC). M=6.0 USCGS, 5.8 ISC, MPV=5.6(cp), MLH=5.6 Průhoni- ce. Dc=77.5°. PV(cp):1s 52mμ, LmH:19s 2.6μ. |
| 7 | iP eiPcP eL Lm | 04 23 11.7 23 21 50 59 | C. Aleutian Islands 52.0°N 175.5°E, H= =04 11 20.2, h=25km(ISC). M=5.5 USCGS, 5.4 ISC, MPV=5.4(cp), MLH=5.6 Průhoni- ce. Dc=77.0°. PV(cp):1.5s 48mμ. LmH: 21s 2.6μ. |
| 7 | eP | 04 47 43 | Aleutian Islands 51.7°N 175.2°E, H= 04 35 49.3, h=30km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=77.3°. |
| 7 | eiP e | 06 10 48.2 11 17 | C. Aleutian Islands 51.7°N 174.9°E, H= =05 58 54.4, h=25km(ISC). M=5.2 USCGS, 5.1 ISC, MPV=5.1(cp) Průhonice. Dc= =77.3°. PV(cp):1s 15mμ. |
| 7 | eiP | 08 51 57.5 | Aleutian Islands 51.8°N 174.7°E, H= =08 40 05.0, h=31km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=77.2°. |

| Date | Phase | h m s | Remarks |
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| 7 | eiP ei ei eiS e eL Lm | 09 37 49 38 09 38 38.7 47 38 53 26 10 02 15 | C. Aleutian Islands 51.4°N 179.2°E, H= =09 25 52.1, h=38km(ISC). M=5.3 USCGS, 5.2 ISC, MLH=5.8 Průhonice. D=78°, Dc= =78.2°. LmH:25s 6.1μ. |
| 7 | eiP ei ei | 11 35 02 35 09.5 35 26 | Aleutian Islands 52.2°N 172.3°E, H= =11 23 13.6, h=26km(ISC). M=5.3 USCGS, 5.1 ISC. Dc=76.4°. |
| 7 | eiP | 11 42 35.5 | South of Alaska 53.4°N 161.7°W, H= =11 30 41.6, h=10km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=76.8°. |
| 7 | eiP | 11 57 50.5 | Aleutian Islands 51.2°N 177.5°E, H= =11 45 54.0, h=39km(ISC). M=5.1 ISC, 5.0 USCGS. Dc=78.1°. |
| 7 | eiP | 12 33 05.5 | Aleutian Islands 53.0°N 171.7°E, H= =12 21 21.6, h=27km(ISC). M=5.3 ISC, USCGS, MPV=5.3(cp) Průhonice. Dc=75.6°. PV(cp):1s 26mμ. |
| 7 | e | 12 42 11.6 | ei 43 11. |
| 7 | eiP | 13 06 53.5 | Aleutian Islands 52.6°N 171.2°E, H= =12 55 07.7, h=25km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=75.9°. |
| 7 | eiP | 13 32 43 | Aleutian Islands 51.1°N 175.9°E, H= =13 20 46.9, h=40km(ISC). M=5.2 ISC. Dc=78.0°. |
| 7 | eiP | 14 59 04 | Aleutian Islands 51.8°N 174.6°E, H= =14 47 11.9, h=33km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=77.1°. |
| 7 | eP | 15 24 22 | Aleutian Islands 51.4°N 172.6°E, H= =15 12 29.6, h=35km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=77.2°. |
| 7 | iP iPcP | 17 24 56.5 25 06.5 | C. Aleutian Islands 52.2°N 173.2°E, H= =17 13 08.4, h=33km(ISC). M=5.4 USCGS, 5.3 ISC, MPV=5.4(cp) Průhonice. Dc= =76.6°. PV(cp):1s 30mμ. |
| 7 | eP ei | 19 40 43 40 52.5 | Komandorsky Islands 55.2°N 165.7°E, H= =19 29 23, h=6km(ISC). M=5.3 ISC, 5.2 USCGS. Dc=72.7°. |

| Date | Phase | h m s | Remarks |
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| 7 | eP | 22 45 04 | |
| 8 | eP | 01 53 23 | Aleutian Islands 51.9°N 174.3°E, H= =01 41 31.9, h=33km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.1°. |
| 8 | e | 03 51 15 | |
| 8 | eiP ei | 10 21 12.5 21 29.5 | Aleutian Islands 51.7°N 175.0°E, H= =10 09 19.1, h=25km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=77.3°. |
| 8 | e | 12 54 27 | iSg 55 00.5. |
| 8 | eiPg | 12 55 18 | D=1.6°. iSg 55 40.0. |
| 8 | eiP eiPcP | 15 53 07.5 53 18.5 | Aleutian Islands 52.5°N 172.0°E, H= =15 41 21.1, h=32km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=76.1°. |
| 8 | iP i i ePP eS eiP S eSS eSSS Lm | 15 58 15.0 58 25.7 58 41.5 16 00 59 07 42 08 12 12 14 15 46 34.5 | D. Komandorsky Islands region 55.1°N 165.6°E, H=15 46 49.6, h=35km(ISC). M= =5.7 ISC, 5.6 USCGS, MPV=5.6(cp), MLH= =6.0 Průhonice. D=73.5°, Dc=72.5°. PV(cp):1.3s 61mμ, LmH:16s 6.8μ, LmV:16s 2.3μ. |
| 8 | eiF ei ei | 17 48 50 48 57 49 30 | Komandorsky Island region 55.2°N 165.4°E H=17 37 25.1, h=30km(ISC). M=5.8 USCGS, 5.4 ISC. Dc=72.4°. |
| 9 | eiP | 01 37 17.5 | Aleutian Islands 52.5°N 172.1°E, H= =01 25 20.1, h=35km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=76.1°. |
| 9 | ei | 01 50 21 | |
| 9 | e | 03 07 54 | |
| 9 | e | 04 41 51 | |
| 9 | eiPKIKP ei | 06 01 09.7 01 17.0 | C. New Hebrides Islands 18.8°S 169.2°E, H=05 42 06.2, h=218km(ISC). M=5.5 USCGS, 5.3 ISC. Dc=142.9°. |

| Date | Phase | h m s | Remarks |
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| 9 | eiP | 09 20 46 | Aleutian Islands 52.3°N 172.5°E, H= =09 08 57.9, h=35km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=76.4°. |
| 9 | iP | 15 07 11.2 | C. Kurile Islands 44.1°N 148.1°E, H= =14 55 13.8, h=15km(ISC). M=4.8 ISC, 4.6 USCGS, MPV=5.1(cp) Průhonice. Dc= =77.9°. |
| 9 | iPKP ei | 17 13 08.4 13 48 | C. Loyalty Islands 22.2°S 170.6°E, H= =16 53 29.1, h=31km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=146.5°. |
| 9 | iP ei eL Lm | 17 48 59.5 49 15 18 20 00 32 00 | D. Aleutian Islands 52.7°N 172.0°E, H= =17 37 14.4, h=28km(ISC). M=5.8 ISC, 5.7 USCGS. Dc=75.9°. LmN:13s 1.1μ. |
| 9 | eP e | 18 30 16 30 31 | Aleutian Islands 51.8°N 173.9°E, H= =18 18 22.6, h=17km(ISC). M=5.1 ISC, USCGS. Dc=77.1°. |
| 9 | eiP ei eiPP Lm | 20 41 42.5 41 45.5 42 13.5 47 | Ionian Sea 37.9°N 20.2°E, H=20 38 41.7, h=8km(ISC). M=4.8 ISC, 4.5 USCGS, MLH= =4.5 Průhonice. Dc=12.7°. LmH:9s 2.4μ. |
| 9 | eP ei | 23 23 16 23 25 | Aleutian Islands 52.2°N 173.3°E, H= =23 11 26.2, h=28km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=76.6°. |
| 9 | eP | 23 36 00 | Ionian Sea 37.8°N 20.3°E, H=23 32 56.4, h=23km(ISC). M=4.8 USCGS, 4.5 ISC. Dc= =12.9°. |
| 10 | eiP ei | 00 49 54.5 50 04 | C. Aleutian Islands 52.1°N 173.4°E, H= =00 38 02.4, h=8km(ISC). M=5.1 ISC, 5.0 USCGS, MPV=5.1(cp) Průhonice. Dc= =76.7°. PV(cp):1s 15mμ. |
| 10 | eiP | 00 52 11.0 | C. Aleutian Islands 52.1°N 173.0°E, H= =00 40 21.8, h=25km(ISC), M=5.0 ISC USCGS, MPV=5.1(cp) Průhonice. Dc=76.6°. PV(cp):1s 15mμ. |
| 10 | eiP ei | 02 20 21 20 29 | Aleutian Islands 52.2°N 179.2°E, H= =02 08 33.0, h=33km(ISC). M=5.4 USCGS, 5.3 ISC. Dc=76.5°. |

| Date | Phase | h m s | Remarks |
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| 10 | eiPg eiSn eiSg | 04 45 24 46 02.5 46 32 | Switzerland 46.8°N 8.6°E, H=04 43 47 (BGIS). D=5°, Dc=5°. |
| 10 | eiP | 08 09 47.2 | Aleutian Islands 52.0°N 172.8°E, H= =07 57 48.7, h=30km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=76.8°. |
| 10 | iPg | 11 48 32 | iSg 48 47.5. D=1.2°. |
| 10 | e | 12 53 06 | eiSg 53 34. |
| 10 | eSg | 13 01 32 | |
| 10 | eiP | 15 29 58.8 | C. |
| 10 | eP e | 16 15 27 15 39 | Northwestern Iran 37.7°N 47.1°E, H= =16 09 54.2, h=45km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=26.3°. |
| 10 | e | 18 41 34 | |
| 11 | eiPKP ei | 02 53 00.5 53 06.2 | West of Tonga 21.8°S 176.5°W, H= H=02 33 33.3, h=210km(ISC). M=5.8 USCGS, 5.2 ISC. Dc=150.5°. |
| 11 | eiP ei | 04 51 42 51 54 | North of Ascension Island 1.2°S 14.5°W, H=04 42 01.6, h=33km(ISC). M=5.1 ISC. Dc=56.8°. |
| 11 | eiP | 06 58 07.8 | Aleutian Islands 52.9°N 171.7°E, H= =06 46 24.9, h=33km(ISC). M=5.1 ISC, USCGS. Dc=75.7°. |
| 11 | ePg | 12 59 10 | D=1.7°. eiSg 59 33. |
| 11 | eiPg | 12 59 50 | D=1.8°. eiSg 13 00 14. |
| 11 | eiPg | 13 00 27.5 | D=1.7°. eiSg 00 50. |
| 11 | eP | 13 07 04 | Aleutian Islands 52.2°N 173.1°E, H= =12 55 15.5, h=35km(ISC). M=4.2 USCGS, 4.1 ISC. Dc=76.6°. |
| 11 | eiP | 16 23 25.5 | Ecuador 1.4°S 77.9°W, H=16 10 29.9, h= =181km(ISC). M=5.1 ISC, USCGS. Dc=92.7° |

| Date | Phase | h m s | Remarks |
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| 12 | eiP eiPcP Im | 00 55 12 55 22 01 36.5 | Aleutian Islands 51.5°N 175.8°E, H= =00 43 17.8, h=34km(ISC). M=5.4 USCGS, 5.2 ISC, MLH=5.7 Průhonice. Dc=77.7°. ImH:24s 3.5μ. |
| 12 | iP eiPP e ePS eSS Im Im | 01 06 55.5 09 46 16 30 17 23 21 44 45 53.5 | C. Aleutian Islands 52.3°N 172.8°E, H= =00 55 09.5, h=39km(ISC). M=5.5 ISC, USCGS, MLH=5.9, MPV=5.5(cp) Průhonice. Dc=76.4°. ImN:18s 2.9μ, ImH:14s 3.2μ, PV(cp):1s 38mμ. |
| 12 | eP | 01 15 13 | Aleutian Islands 51.1°N 176.3°E, H= =01 03 17.2, h=39km(ISC). M=5.4 USCGS, 5.0 ISC. Dc=78.1°. |
| 12 | eP e | 01 22 33 22 42 | Aleutian Islands 51.7°N 173.1°E, H= =01 18 25.3, h=56km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.1°. |
| 12 | eP | 01 30 11 | Aleutian Islands 52.1°N 173.1°E, H= =01 18 25.3, h=56km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=76.7°. |
| 12 | eiP | 01 47 43.5 | Aleutian Islands 52.2°N 173.0°E, H= =01 35 58.2, h=65km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=76.6°. |
| 12 | eiP | 05 29 13 | Aleutian Islands 52.6°N 173.4°E, H= =05 17 28.4, h=33km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=76.2°. |
| 12 | eP | 12 23 45 | Aleutian Islands 52.2°N 171.4°E, H= =12 11 58.8, h=36km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=76.3°. |
| 12 | eiP | 12 31 32 | Aleutian Islands 51.7°N 175.4°E, H= =12 19 30.4, h=30km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=77.3°. |
| 12 | ePg eiSg | 12 57 20 57 45 | Explosion of 2.6 Tons, 51.2°N 12.7°E, H=12 57 00(Collm). D=1.9°. |
| 12 | eP | 22 03 33 | Aleutian Islands 52.2°N 172.0°E, H= =21 51 36.3, h=30km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=76.4°. |
| 13 | eP | 01 02 22 | Iran-USSR border region 38.2°N 45.5°E, H=00 57 07.7, h=88km(ISC). M=4 Moscow. Dc=25.4°. |

| Date | Phase | h m s | Remarks |
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| 13 | eP ei | 02 27 01 27 10 | Aleutian Islands 51.5°N 172.8°E, H= =02 15 08.3, h=29km(ISC). M=4.8 ISC, USCGS, Dc=77.2°. |
| 13 | e | 08 45 11 | eiSg 45 26. |
| 13 | eiPg | 14 01 40.2 | D=1.4°. eiSg 01 58.7. |
| 13 | iPg iSg Lm | 14 33 22.2 33 36.2 33 44 | Explosion of 17 Tons, 48°53.5'N 14°13.6' E. Dc=125km(Prühonice). |
| 13 | ePg | 17 05 58.5 | D=1°. eiSg 06 11.5. |
| 13 | eiP | 18 20 31.5 | Aleutian Islands 52.1°N 173.2°E, H= =18 08 47.9, h=89km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=76.7°. |
| 13 | e | 20 38 19 | |
| 14 | eiP eiPcP | 10 49 56 50 06 | Aleutian Islands 52.3°N 172.6°E, H= =10 38 04.2, h=33km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=76.4°. |
| 14 | eP ei | 18 00 53 01 14.5 | Greenland Sea 73.1°N 6.0°E, H= =17 55 42.9, h=19km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=23.5°. |
| 14 | eiP ei eS eL Lm | 19 42 27.5 43 07 46 41 48.5 51.8 | Greenland 73.1°N 6.1°E, H=19 37 18.7, h=33km(ISC). M=5.4 USCGS, 5.2 ISC, MLH= =4.9 Prühonice. D=24°, Dc=23.5°. LmN: 16s 3.4μ. |
| 14 | eP eiPcP | 21 29 22 29 31.7 | Aleutian Islands 52.4°N 173.9°E, H= =21 17 32.7, h=25km(ISC). M=5.3 USCGS, 5.2 ISC. Dc=76.5°. |
| 15 | eP e eL Lm | 01 37 07 47 35 02 05 00 14.3 | Aleutian Islands 51.1°N 179.4°E, H= =01 27 08.0, h=42km(ISC). M=5.8 USCGS, 5.6 ISC, MLH=5.7 Prühonice. Dc=78.4°. LmH: 20s 3.5μ. |
| 15 | eP eiPcP | 05 13 15.7 13 25.6 | C. Aleutian Islands 52.2°N 172.7°E, H= =05 01 27.0, h=29km(ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.2(cp) Prühonice. Dc= =76.5°. PV(cp):1.2s 26μ. |

| Date | Phase | h m s | Remarks |
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| 15 | eiP eiPcP | 06 16 47.0 16 57.3 | C. Aleutian Islands 52.3°N 172.5°E, H= =06 04 57.8, h=26km(ISC). M=4.9 ISC, 4.8 USCGS, MPV=5.2(cp) Prühonice. Dc= 76.4°. PV(cp):0.7s 15μ. |
| 15 | eP e e eL Lm | 09 52 11 52 47.5 10 00 05 05 12.5 | Central Mid-Atlantic Ridge 0.1°N 19.2°W, H=09 42 23, h=33km(ISC). M=4.7 USCGS, 4.6 ISC, MLH=5.2 Prühonice. Dc=57.4°. LmH: 20s 2.1μ. |
| 15 | iP ei ePP | 10 57 08.9 57 42 11 01 21 | C. Talaud Islands 3.0°N 125.9°E, H= =10 43 26.2, h=91km(ISC). M=6.0 USCGS 5.9 ISC. Dc=101.3°. |
| 15 | iP eiPP | 12 42 31.8 44 07 | C. Central Russia 53.7°N 81.4°E, H= =12 34 55.1, h=11km(ISC). M=5.3 ISC, USCGS, MPV=5.1(cp) Prühonice. Dc=40.1°. |
| 15 | e | 12 51 22 | e 54 08, e 55 52. |
| 15 | eiPg | 13 56 21 | D=1.6°. eiSg 56 42. |
| 15 | ePg | 13 57 42 | D=1.8°. eiSg 58 06. |
| 15 | ePg | 17 30 44 | D=1°. iSg 30 57.5. |
| 16 | eP eiPcP | 01 06 57 07 09 | Aleutian Islands 51.3°N 177.6°E, H= =00 54 59.5, h=45km(ISC). M=4.9 ISC, USCGS. Dc=78.0°. |
| 16 | iP ei e eL Lm | 12 36 14.3 36 32 38 26 13 04 14 | C. Japan 39.0°N 142.0°E, H=12 24 09.3, h=55km(ISC). M=5.6 USCGS, 5.4 ISC, MLH=5.6, MPV=5.7(cp) Prühonice. Dc= =80.1°. LmH:21s 2.6μ, PV(cp):1.5s 107μ. |
| 16 | eP eipP | 20 54 15 54 55.5 | Hindu Kush 36.5°N 70.9°E, H=20 46 38.4, h=188km(ISC). M=5.3 USCGS, 4.9 ISC. Dc= =42.2°. |
| 17 | eP e | 04 13 03 13 18 | Kodiak Island 57.1°N 153.3°W, H= =04 01 36.0, h=20km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=72.8°. |
| 17 | eP | 10 25 04 | Aleutian Islands 51.8°N 174.2°E, H= =10 13 11.5, h=23km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=77.1°. |

| Date | Phase | h m s | Remarks |
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| 17 | iP ei eL Lm | 10 30 43.7 31 04.7 55 00 11 05 00 | C. Aleutian Islands 51.6°N 176.6°E, H= =10 18 50.0, h=34km(ISC). M=5.6 USCGS, 5.5 ISC, MLH=5.5, MPV=5.3(cp) Prühonice. Dc=77.6°. LmH:20s 2μ, PV(cp):1.7s 47μ. |
| 17 | eiP | 18 36 43.5 | Mariana Islands 21.6°N 143.0°E, H= =18 23 54.9, h=315km(ISC). M=5.5 USCGS, 5.3 ISC. Dc=95.4°. |
| 17 | e | 18 40 38 | |
| 17 | eiP ei | 19 45 19.5 45 29.5 | Central Mid-Atlantic Ridge 0.2°S 18.8°W, H=19 35 28.4, h=14km(ISC). M=4.9 ISC, USCGS. Dc=57.6°. |
| 18 | eiP ei ei | 04 37 10.5 37 25 39 47.8 | C. Burma - India 25.0°N 94.2°E, H= =04 26 34.7, h=45km(ISC). M=5.4 ISC, USCGS, MPV=5.2(cp) Prühonice. Dc=65.6°. PV(cp):1.5s 36μ. |
| 18 | ePg | 12 47 15 | D=1.2°. ei 47 28, eiSg 47 31. |
| 18 | ePg | 12 56 34 | D=1.6°. eiSg 56 56. |
| 18 | eiPg | 12 57 23.8 | D=1.6°. iSg 57 45.8. |
| 18 | eiPg | 12 58 10.4 | D=1.6°. eiSg 58 33. |
| 18 | iP epP | 22 44 39.8 46 50 | D. Peru-Brazil 10.0°S 71.1°W, H= =22 32 19.1, h=593km(ISC). M=5.2 ISC, USCGS, MPV=5.1(cp) Prühonice. Dc= =93.2°. PV(cp):0.6s 9μ. |
| 18 | ePP | 22 58 49 | Banda Sea 7.3°S 126.7°E, H=22 39 42.4, h=8km(ISC). M=5.8 USCGS, 5.7 ISC. Dc= =109.8°. |
| 18 | iP ei ei e eL Lm | 23 25 34.3 25 56 28 07.3 36 17 48 00 04 | C. Aleutian Sea 51.4°N 179.3°E, H= =23 13 39.5, h=48km(ISC). M=4.9 ISC, 4.8 USCGS, MPV=5.1 Prühonice. Dc=77.0°. PV(cp):1s 17μ. |
| 18 | iP | 23 46 54.8 | C. Japan 41.3°N 139.1°E, H=23 35 01.9, h= =20km(ISC). M=4.9 ISC, 4.8 USCGS, MPV= =5.1 Prühonice. Dc=77.0°. PV(cp):1s 17μ. |

| Date | Phase | h m s | Remarks |
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| 19 | eP | 03 36 39 | Aleutian Islands 51.8°N 175.2°E, H= =03 24 46.0, h=34km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=77.3°. |
| 19 | iPg | 08 00 03 | D=1.5°. iSg 00 19. |
| 19 | e | 11 02 06 | ei 02 22, eiSg 02 40. |
| 19 | e | 12 53 59 | eiSg 54 21.5. |
| 19 | eiSg | 12 55 03 | |
| 19 | eiPg | 14 02 24.3 | D=1°. eiSg 02 27.3. |
| 19 | eiPg iSg | 16 01 58.2 02 10.2 | Explosion of 4 Tons, 49°11.2' N 13°51.5' E. Dc=102km(Prühonice.) |
| 19 | eiP eiPcP | 19 04 41 04 52.3 | Aleutian Islands 51.1°N 178.5°E, H= =18 52 39.4, h=12km(ISC). M=5.6 USCGS, 5.5 ISC. Dc=78.3°. |
| 20 | iPg | 12 18 09.0 | D=1.5°. i 18 27.5, iSg 18 28.5. |
| 20 | eP | 22 18 41 | Aleutian Islands 50.5°N 178.3°E, H= =22 06 39.5, h=36km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=78.9°. |
| 21 | iP | 04 50 37.2 | C. Kurile Islands 44.7°N 148.3°E, H= =04 38 49.6, h=88km(ISC). M=4.9 USCGS, 4.8 ISC, MPV=5.2(cp) Prühonice. Dc= =77.5°. PV(cp):0.7s 15μ. |
| 21 | e | 11 32 09 | e 33 07. |
| 21 | eiPKIKP eiPP eL Lm | 11 33 49.4 37 15.8 12 30 42 | D. Tonga Islands 15.3°S 173.0°W, H= =11 14 15.7, h=32km(ISC). M=5.7 USCGS, 5.3 ISC, MLH=5.9 Prühonice. Dc=144.8°. LmH:20s 2.2μ. |
| 21 | eP | 22 40 26 | Japon 37.5°N 139.7°E, H=22 28 27.4, h= =133km(ISC). M=4.6 USCGS, ISC. Dc=80.3°. |
| 22 | eiPg | 07 53 05 | D=1.2°. ei 53 16.5, iSg 53 20.3. |
| 22 | eSg ei | 09 19 28 19 48 | France 45.3°N 5.4°E, H=09 15 21(BCIS). Dc=7.8°. |

| Date | Phase | h m s | Remarks |
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| 22 | eiP ei ei | 09 24 42 26 48.5 27 08.5 | Aleutian Islands 51.9°N 173.5°E, H= =09 14 51.7, h=32km(ISC). M=5.5 USCGS, 5.2 ISC. Dc=76.9°. |
| 22 | ei | 10 45 07 | ei 45 12.7. |
| 22 | eiP | 11 29 51.5 | Aleutian Islands 51.8°N 171.3°E, H= =11 17 59.2, h=23km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=76.6°. |
| 22 | iPg | 13 02 46 | i(Sg) 03 21, i 03 58. |
| 22 | e | 14 45 24 | eiSg 45 50. |
| 22 | ePKIKP | 21 57 45 | Fiji Islands Region 16.8°S 176.0°E, H= =21 38 12.8, h=39km(ISC). M=4.9 ISC, USCGS. Dc=143.7°. |
| 23 | eiPn eiPx ei ei eiSg | 02 32 50 32 55.5 34 14 34 29 34 42.5 | Yugoslavia 43.9°N 16.3°E, H=02 31 14.9, h=0km(ISC). Dc=6.1°. |
| 23 | eP | 08 23 07 | Kurile Islands 48.7 N°154.1°E, H= =08 11 23.3, h=25km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=75.7°. |
| 23 | eiPg | 10 29 50 | D=1.1°. eiSg 30 05. |
| 23 | eiP | 11 46 21.9 | |
| 23 | eiPg ei ei iSg | 12 39 51 40 04.7 40 18.3 40 22.8 | Explosion 51.3°N 11.7°E, H=12 39 00 (Collm). D=2.4°. Dc=2.2°. |
| 23 | ei | 14 01 31.8 | |
| 23 | eiPg | 14 39 42 | D=1°. eiSg 39 55. |
| 23 | e | 20 33 42 | |

| Date | Phase | h m s | Remarks |
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| 23 | eP ei ei eiPP eiSKS iS eiPS ePKKP eiSS eSSS Q Rm Rm Rm | 22 25 58 26 16 29 05.5 30 21 36 32.5 37 57 39 29 41 32 45 08 49.9 53 23 08.5 12.5 23 | Near coast of Northern Chile 25.7°N 70.6°W, H=22 11 56.3, h= 36km(ISC). M= =6 3/4 Moscow, 6.3 ISC, 6.2 USCGS, MLH= =7 Prühonice. D=105°, Dc=106.3°. LmE: 26s 28μ, LmH:22s 16μ, LmH:20s 14μ, LmV: 20s 3.5μ. |
| 24 | e eL Im | 08 32 47 55 09 04 | Mexico 14.0°N 92.1°W, H=08 09 18.4, h= =64km(ISC). M=5.1 ISC, USCGS, MLH=5.7 Prühonice. Dc=89.7°. LmH:20s 2.4μ. |
| 24 | ePg | 11 28 06 | D=1°. iSg 28 19.8, Im 28 24. |
| 24 | e | 12 49 48 | eiSg 50 11. |
| 24 | eiPKP | 15 47 28.9 | West of Tonga 21.0°S 178.8°W, H= =15 28 35.0, h=483km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=149.2°. |
| 24 | e | 15 53 44 | ei 54 12.3. |
| 24 | iP ei | 21 05 40.9 05 46 | C. Aleutian Islands 52.0°N 174.3°E, H= =20 53 51.3, h=29km(ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.3 Prühonice. Dc=77.0°. PV(cp):1s 23mμ. |
| 24 | eP ei | 21 35 12 35 25 | Aleutian Islands 51.3°N 178.0°E, H= =21 23 15.8, h=33km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=78.1°. |
| 25 | eiP | 02 07 44.5 | Japan 39.8°N 143.2°E, H=01 55 38.8, h= =43km(ISC). M=4.6 ISC, USCGS. Dc=79.8°. |
| 25 | ePKIKP ei ePP ei eSS eiSSS | 05 10 21 10 34 12 01 21 55 29 06 33 45 | New Britain Region 5.4°S 152.0°E, H= =04 51 28.2, h=41km(ISC). M=5.9 ISC, USCGS. Dc=123.0°. |
| 25 | ei(Pg) | 05 22 33 | ei(Sg) 22 45.8. |

| Date | Phase | h m s | Remarks |
|------|----------------------------------|---|--|
| 25 | iP iPcP i ei e Im | 05 34 03.3 34 13.5 34 32.0 36 25 44 09 06 06.3 | C. Aleutian Islands 52.1°N 173.2°E, H= =05 22 14.5, h=33km(ISC). M=5.7 ISC, 5.6 USCGS, MPV=5.7(cp), MLH=6.3 Prüho- nice. Dc=76.7°. PV(cp):1.2s 69mμ. LmH: 21s 15μ, LmV:21s 5.5μ. |
| 25 | eiP | 05 43 51 | Aleutian Islands 51.9°N 173.0°E, H= =05 32 01.3, h=33km(ISC). M=4.9, MPV= =5.2(cp) Prühonice. Dc=76.8°. PV(cp): 0.7s 15mμ. |
| 25 | eiP | 05 45 53.5 | Aleutian Islands 52.0°N 173.2°E, H= =05 34 03.4, h=31km(ISC). M=4.7 ISC. Dc=76.8°. |
| 25 | eiP | 05 58 43.2 | Aleutian Islands 52.1°N 173.6°E, H= =05 46 53.0, h=35km(ISC). M=4.8 USCGS, 4.4 ISC. Dc=76.8°. |
| 25 | eiP | 06 32 48.5 | Aleutian Islands 52.1°N 173.4°E, H= =06 21 02.6, h=66km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=76.7°. |
| 25 | iP ipP | 10 44 45.6 45 10.1 | D. Burma-India 23.6°N 94.6°E, H= =10 34 06.9, h=94km(ISC). M=5.4 USCGS, 5.2 ISC, MPV=5.0(cp) Prühonice. Dc= =66.0°. PV(cp):1.3s 29mμ. |
| 25 | ei | 12 45 32.6 | eiSg 45 39. |
| 25 | ePg | 12 55 39.2 | D=1.6°. eiSg 56 01.5. |
| 25 | eiPg | 12 56 12.4 | D=1.6°. eiSg 56 34.4. |
| 25 | eiPKP | 15 12 26.8 | Tonga Islands 20.8°S 174.2°W, H= =14 52 46.9, h=118km(ISC). M=4.6 ISC, USCGS. Dc=150.0°. |
| 25 | eP ei i | 16 17 26 17 33.0 17 41.6 | Philippine Islands 19.1°N 121.2°E, H= =16 04 49.9, h=39km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=85.8°. |
| 25 | ePKIKP e eL Lm | 19 42 44 46 17 20 30 37.5 | Santa Cruz Islands 11.4°S 166.2°E, H= =19 23 33.0, h=83km(ISC). M=5.7 USCGS, 5.3 ISC, MLH=5.9 Prühonice. Dc=135.0°. LmH:26s 1.8μ. |

| Date | Phase | h m s | Remarks |
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| 26 | eiP e | 01 43 55.6 44 46 | Persia 35.2°N 57.5°E, H=01 37 07.6, h= =33km(ISC). M=5.2 USCGS, 5.1 ISC. Dc= =34.4°. |
| 26 | eiPKIKP iPKHKP ei | 05 02 13.1 02 16.8 02 45 | D. West of Tonga 16.7°S 176.1°W, H= =04 42 25.6, h=5km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=147.6°. |
| 26 | ePKIKP eiPKHKP ei | 05 55 40 55 43.7 56 46 | West of Tonga 19.1°S 176.1°W, H= =05 36 01.0, h=61km(ISC). M=5.4 USCGS, 5.3 ISC. Dc=148.0°. |
| | | | The short-period vertical seismographs SVSN-4 and SVSN-6 out of function during 26 and 27 February 1965. |
| 26 | e e eL Lm | 09 20 10 21 50 46 53.7 | Southwest of Sumatra 6.7°S 102.3°E, H= =08 55 42.8, h=33km(ISC). M=6.1 USCGS, 5.5 ISC, MLH=5.7 Prühonice. Dc=94.0°. LmH:21s 2.6μ. |
| 27 | e eL Lm Lm | 08 10 08 22 00 33 00 39 00 | Gulf of California 28.4°N 112.2°W, H= =07 46 28.6, h=33km(ISC). M=5.4 ISC, 5.3 USCGS, MLH=6.2 Prühonice. Dc=88.6°. LmH:25s 9.3μ, LmN:17s 8μ. |
| 27 | e | 10 22 18 | ei 26 01. |
| 27 | iP ei ei ei | 11 35 41.0 36 08 38 24.5 39 46.5 | C. Algeria 24.2°N 5.0°E, H=11 29 58.6, h=0km(ISC). M=5.8 USCGS, 5.6 ISC, MPV= =5.5(cp) Prühonice. Dc=26.9°. PV(cp): 1.5s 155mμ. |
| 27 | ei | 15 36 17 | eiSg 36 39. |
| 27 | e | 22 07 53.5 | |
| 28 | eiPn iPg i(Sn) iS ₂ eiSg | 00 29 24.0 29 34.3 30 05.5 30 26.0 30 33.5 | Yugoslavia 45.9°N 14.8°E, H=00 28 19, h=0km(ISC). Dc=4.1°. |
| 28 | eiP | 01 28 24.7 | Aleutian Islands 50.4°N 177.8°E, H= =01 16 19.7, h=12km(ISC). M=5.2 USCGS, 4.8 ISC. Dc=78.9°. |

| Date | Phase | h m s | Remarks |
|------|------------|-------------------|---|
| 28 | eP | 04 05 04 | Aleutian Islands 52.3°N 173.1°E, H= =03 53 18.2, h=57km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=76.4°. |
| 28 | eiPg | 12 33 38.5 | D=1.6°. iSg 34 01. |
| 28 | eiP | 12 36 14.5 | |
| 28 | ePg eSg | 15 08 09 08 42 | Poland 50.4°N 18.9°E, H=15 07 14 (Warsaw). Dc=2.8°, D=2.8°. |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 1 | ePKIKP e ePS eSS eL Lm | 07 39 50.5 40 21 51 28 58.6 08 20 36 | D. New Britain 5.4°S 152.1°E, H= =07 20 54.5, h=28km(ISC). M=5.7 ISC, USCGS, MLH=5.8 Prühonice. Dc=123.1°E, LmH:22s 2.3μ. |
| 1 | eiP ei Lm | 08 31 26.5 31 47.4 09 08 00 | C. Taiwan 21.1°N 121.2°E, H=08 18 59.1, h=59km(ISC). M=5.2 USCGS, 5.1 ISC, MLH= =5.5, MPV=5.2(cp) Prühonice. Dc=84.2°. PV(cp):1.1s 17mμ, LmH:18s 1.6μ. |
| 1 | eiPKIKP | 09 27 40.4 | D. New Britain 5.4°S 152.0°E, H= =09 08 45.6, h=33km(ISC). M=5.6 USCGS, 5.4 ISC. Dc=123.0°. |
| 1 | eiPg | 13 11 11.8 | D=1.7°. eiSg 11 34.8. |
| 1 | iPg | 13 12 41.7 | D=1.8°. iSg 13 05.7. |
| 1 | ePg | 13 31 29 | D=1.2°. eSg 31 45. |
| 1 | eiP ei eL Lm | 13 33 25.8 33 39 14 07 15 | Taiwan Region 21.2°N 121.2°E, H= =13 20 58.7, h=57km(ISC). M=5.5 USCGS, 5.3 ISC, MLH=5.3 Prühonice. Dc=84.1°. LmH:16s 1.1μ. |
| 1 | eiP ePcP | 19 33 52 34 04 | D. Aleutian Islands 52.2°N 174.1°E, H= =19 21 59.9, h=13km(ISC). M=5.5 ISC, USCGS, MPV=5.2(cp) Prühonice. Dc=76.7°. PV(cp):1.2s 26mμ. |
| 1 | eiP ei e eiPP eiSKS ei eSS eSSS eL Lm Lm | 21 44 55.8 45 41.8 47 19 48 26 55 18 56 58 22 01 20 05 14 16 19 25.5 | Mexico - Guatemala 15.4°N 92.5°W, H= =21 32 14.1, h=118km(ISC). M=5.9 USCGS, 5.6 ISC, MLH=6.1, MSH=6.1 Prühonice. D=88°, Dc=98.9°. SH:11s 2.1μ, LmH:28s 3.7μ, LmH:21s 3.4μ. |
| 1 | ePKIKP iPKHKP i ei | 22 10 49 10 52.2 11 06.8 13 09.5 | D. Fiji Islands 23.5°S 179.1°E, H= =21 52 04.7, h=544km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=150.9°. |
| 2 | ePKP2 | 00 12 49 | Kermadec Islands 27.3°S 177.9°W, H= =23 52 32.4, h=33km(ISC). M=5.0 USCGS, ISC. Dc=155.4°. |

| Date | Phase | h m s | Remarks |
|------|-------------|-----------------------|---|
| 2 | ePKP2 | 03 10 51 | Kermadec Islands 27.3°S 177.7°W, H= =02 50 35.6, h=33km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=155.5°. |
| 2 | e | 06 17 37 | Kermadec Islands 27.2°S 177.5°W, H= =05 57 36.8, h=33km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=155.4°. |
| 2 | ePKP2 | 06 55 05.5 | West of Macquarie Island 61.0°S 154.8°E, H=06 34 47.9. Dc=155.4°. |
| 2 | ePKP2 e | 07 45 16 45 36 | Kermadec Islands 25.8°S 177.9°W, H= =07 25 12, h=68km(ISC). M=4.5 ISC, USCGS. Dc=155.5°. |
| 2 | eiP ei | 09 37 00.5 37 40.5 | Greenland Sea 73.4°N 7.2°E, H= =09 31 51.2, h=33km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=23.7°. |
| 2 | ePKP ei | 09 39 39 40 25 | Kermadec Islands 27.2°S 177.8°W, H= =09 19 45.6, h=69km(ISC). M=5.6 USCGS, 5.4 ISC. Dc=155.3°. |
| 2 | ei | 09 58 04.4 | |
| 2 | ePKIKP e | 10 43 29 43 38 | Kermadec Islands 27.2°S 177.6°W, H= =10 23 34.0, h=33km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=155.4°. |
| 2 | ePKP | 14 43 25 | Kermadec Islands 27.3°S 177.4°W, H= =14 23 07.8, h=96km(ISC). M= 4.9 USCGS, 4.8 ISC. Dc=155.4°. |
| 2 | ePKP2 | 15 43 44.8 | Kermadec Islands 27.4°S 178.3°W, H= =15 23 26.0, h=80km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=155.6°. |
| 2 | ePKP2 | 16 45 20 | Kermadec Islands 27.0°S 177.7°W, H= =16 25 00.7, h=6km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=155.2°. |
| 2 | iPKP2 | 20 11 20 | D. Kermadec Islands 27.0°S 177.8°W, H= =19 51 01.4, h=33km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=155.3°. |
| 2 | eiP e | 21 48 36.3 51 42 | Bonin Islands 28.1°N 139.5°E, H= =21 36 39, h=507km(ISC). M=5.7 USCGS, 5.1 ISC. Dc=88.2°. |

| Date | Phase | h m s | Remarks |
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| 2 | iP ei ei e eiS Im Im | 22 03 43.8 03 54.3 04 55 05 22 06 33.5 08.9 10 | D.E.N. Turkey 38.5°N 28.3°E, H= =22 00 07.2, h=42km(ISC). M=5.2 USCGS, 5.0 ISC, MLH=5.3, D=15.5°, Dc=15.1°. LmH:18s 20μ, LmH:11s 10.3μ, PH:6s 1.2μ, PV(cp):1s 30mμ. |
| 2 | ePKP | 23 50 33 | Kermadec Islands 27.1°S 177.4°W, H= =23 30 32.7, h=27km(ISC). M=5.1 ISC, 4.9 USCGS. Dc=155.3°. |
| 2 | ePKP2 | 23 53 55 | Kermadec Islands 27.1°S 177.5°W, H= =23 33 37.3, h=29km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=155.3°. |
| 3 | eiP | 01 07 44.6 | Aleutian Islands 52.1°N 172.0°E, H= =0 55 55.5, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=76.5°. |
| 3 | eSg | 03 15 30 | |
| 3 | eiPKP ei eL Im | 03 37 01 37 20.5 04 22 44 | Kermadec Islands 26.9°S 177.5°W, H= =03 17 04.7, h=33km(ISC). M=5.4 USCGS, 5.1 ISC, MLH=5.9 Prühonice. Dc=155.2°. LmH:24s 2.7μ. |
| 3 | iP eiPP | 06 22 34.1 24 04.5 | C. Eastern Kazakhstan 49.8°N 78.1°E, H= =06 14 56.8, h=0km(ISC). M=5.6 USCGS, 5.5 ISC, MPV=5.1(cp) Prühonice. Dc= =39.8°. PV(cp):1s 48mμ. |
| 3 | iP | 07 30 21.0 | C. Mongolia 44.6°N 101.6°E, H= =07 20 45.3, h=40km(ISC). M=5.2 USCGS, 5.1 ISC, MPV=5.2(cp) Prühonice. Dc=56.1°. PV(cp):1s 23mμ. |
| 3 | eiPKP | 11 56 42 | Kermadec Islands 27.1°S 177.4°W, H= =11 36 26.5, h=16km(ISC). M=5.0 USCGS, ISC. Dc=155.4°. |
| 3 | iPg | 12 53 24.5 | D=1.6°. eiSg 53 47. |
| 3 | ePKP eiPKP2 | 14 58 58 59 21 | Kermadec Islands 27.0°S 177.5°W, H= =14 39 02.5, h=23km(ISC). M=5.6 USCGS, 5.5 ISC. Dc=155.2°. |

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 3 | eiPKIKP ei eiPP eiSKSP ePPS eiSS eiSSS eL Im Im | 15 33 02.4 33 07.3 34 48 44 37 46 03 51 56 56 32 16 11 27 29 | New Britain Region 5.4°S 151.9°E, H= =15 14 09.3, h=33km(ISC). M=6.0 ISC, USCGS, MLH=7.1 Prühonice. D=123°, Dc= =122.9°. LmH:22s 30μ, LmH:20s 41μ. |
| 3 | e | 15 43 04 | e 46 53. |
| 3 | iP ei | 16 59 11.5 17 01 02 | C. Aleutian Islands 53.0°N 171.3°E, H=16 47 25.0, h=14km(ISC). M=5.9 ISC, 5.6 USCGS, MPV=6.2(cp) Prühonice. Dc= =75.5°, PV(cp):1s 197mμ. |
| 3 | eP | 19 25 27 | California 37.0°N 161.1°W, H=19 13 03.2, h=32km(ISC). Altitude=485.6 Metres. Nuclear Explosion Wagtail 37°03'52"N 116°02'14"W, H=19 13 00.0(USAEC). Dc= =83.0°. |
| 3 | eiP | 19 41 09.4 | C. Kuri Islands 45.6°N 151.1°E, H= =19 29 13.7, h=19km(ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.4(cp) Prühonice. Dc= =77.6°. PV(cp):1s 30mμ. |
| 4 | e ei eSn eiSg Im | 00 50 01 50 26.5 51 28 52 45 53 03 | France 47.6°N 0.6°W, H=00 47 11(BCIS). MLV=3 1/2 Prühonice. Dc=10.5°. |
| 4 | eP | 01 54 43 | Aleutian Islands 51.5°N 176.7°E, H= =01 42 48.9, h=40km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=77.7°. |
| 4 | eiPKIKP | 02 07 24 | New Guinea 5.5°S 147.0°E, H=01 48 54.6, h=191km(ISC). M=6.4 USCGS, 5.6 ISC. Dc= =120.4°. |
| 4 | eiP | 02 10 40.7 | |
| 4 | eiP | 02 13 24 | C. Aleutian Islands 51.6°N 176.5°E, H= =02 01 28.3, h=25km(ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.1(cp) Prühonice. Dc= =77.7°. PV(cp):1s 15mμ. |

| Date | Phase | h m s | Remarks |
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| 4 | eP | 02 34 46 | Kamchatka 52.4°N 160.5°E, H=02 23 14.0, h=58km(ISC). M=4.6 ISC, USCGS. Dc=77.0°. |
| 4 | iPKIKP | 04 13 01.5 | C. Tonga Islands 21.5°S 174.5°W, H= =03 53 14.0, h=51km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=150.7°. |
| 4 | iPg | 12 45 38 | D=1.7°. iSg 46 00.5. |
| 4 | eiPg eiSg Im | 13 01 14 01 31 01 40 | Explosion of 13.6 Tons, 49°40.4'N 16°23' E. Dc=136km(Prühonice). Dc=1.2°. |
| 4 | e | 13 04 58 | eiSg 05 21. |
| 4 | ei | 14 37 51.7 | |
| 4 | ei | 15 31 30.5 | |
| 5 | e | 00 05 44 | |
| 4 | e | 00 26 46 | e 27 39. |
| 5 | eiP e | 06 27 01.7 29 12 | Aleutian Islands 51.2°N 179.6°E, H= =06 14 59.8, h=5km(ISC). M=5.6 USCGS, 5.5 ISC; MPV=5.2(cp) Prühonice. Dc= =78.3°. PV(cp):1.2s 26mμ. |
| 5 | ei | 06 45 27 | iSg 45 41.0. |
| 5 | e | 09 37 25 | |
| 5 | ei | 12 47 32.8 | ei 47 57.3, i 48 31.3. |
| 5 | iP i e eS eL Im | 13 54 34.1 54 53.5 56 29 14 04 14 19 30.7 | C. Aleutian Islands 52.2°N 174.9°E, H= =13 42 44.5, h=33km(ISC). M=5.5 ISC, 5.3 USCGS, MPV=5.4(cp), MLH=5.4 Prüho- nice. D=76°, Dc=76.8°. PV(cp):1s 35mμ, LmH:21s 2.1μ. |
| 5 | eiP esP iPP | 14 45 17.6 48 35 49 36.5 | D. Argentine 26.9°S 63.2°W, H=14 32 17.9 h=555km(ISC). M=5.6 ISC, 5.5 USCGS, MPV=5.8(cp) Prühonice. Dc=102.9°. PV(cp):1.1s 30mμ. |

| Date | Phase | h m s | Remarks |
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| 5 | iP ei ei e | 18 11 02.5 11 12.8 11 38 14 37 | C. Aleutian Islands 52.3°N 174.3°E, H= =17 59 13.6, h=31km(ISC). M=5.7 USCGS, 5.6 ISC. Dc=76.7°. |
| 5 | eiPKP ePKP2 | 19 56 46 57 08 | Kermadec Islands 26.9°S 177.4°W, H= =19 36 47.1, h=33km(ISC). M=5.3 USCGS, 4.8 ISC. Dc=155.2°. |
| 5 | eiP ei Lm | 23 41 05.0 41 12.5 00 16 | Aleutian Islands 53.1°N 171.3°E, H= =23 29 20.1, h=13km(ISC). M=5.4 USCGS, 5.3 ISC, MPV=5.4(cp) Prühonice. Dc= =75.5°. PV(cp):1s 35mμ. |
| 6 | eiPKP2 | 04 27 10.5 | Fiji Islands 26.7°S 177.3°W, H= =04 06 48.9, h=24km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=155.0°. |
| 6 | eiP eiPcP | 06 04 45 04 55.5 | C. Aleutian Islands 52.4°N 172.4°E, H= =05 52 53.3, h=3km(ISC). M=5.0 ISC, USCGS, MPV=5.1(cp) Prühonice. Dc=76.3°. PV(cp):1s 15mμ. |
| 6 | iP eiPcP e eL Lm | 08 31 21.0 31 33 34 37 55 09 07.5 | C. Aleutian Islands 52.4°N 174.3°E, H= =08 19 32.2, h=31km(ISC). M=5.3 ISC, 5.1 USCGS, MPV=5.4(cp) Prühonice. Dc= =76.6°. PV(cp):1s 33mμ. LmH:23s 1.5μ. |
| 6 | ePKP | 10 39 56.6 | Fiji Islands 17.5°S 178.7°W, H= =10 21 18.0, h=573km(ISC). M=4.2 USCGS, 4.1 ISC. Dc=145.8°. |
| 6 | eiPKIKP eiPP | 11 30 18.5 33 10 | South Pacific Ocean 18.4°S 132.8°W, H= =11 10 52.8, h=31km(ISC). M=5.5 USCGS, 5.4 ISC. Dc=139.1°. |
| 6 | eiP ePcP eL Lm | 13 53 07.5 53 19 14 20 28 | C. Aleutian Islands 52.1°N 175.4°E, H= =13 41 17.4, h=34km(ISC). M=5.2 USCGS, 5.0 ISC, MLH=5.3, MPV=5.2(cp) Prühonice. Dc=77.0°. PV(cp):1.5s 31mμ, LmH:22s 1.5μ. |
| 6 | eP | 14 47 46 | Aleutian Islands 50.2°N 177.8°E, H= =14 35 38, h=4km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=79.2°. |

| Date | Phase | h m s | Remarks |
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| 6 | eiP ei e eS ePS eSS e eL Lm | 20 36 29 36 43 37 50 46 56 47 48 52 14 56 46 21 07 18 | C. Philippine Islands 20.1°N 121.3°E, H=20 23 57.3, h=61km(ISC). M=5.8 USCGS, 5.4 ISC, MLH=5.6, MPV=5.4(cp) Prühoni- ce. D=85.5°, Dc=85.1°. PV(cp):1.7s 59mμ. |
| 7 | eiP | 01 48 47 | D. Near East Coast of Eastern Russia 46.2°N 137.2°E, H=01 37 54.7, h=313km (ISC). M=4.7 ISC, USCGS. Dc=72.1°. |
| 7 | ePKIKP eiPKP2 eiPP ePPP eSKSP Lm | 02 03 03 03 36 07 31 11 14 17 36 03 05 | Kermadec Region 30.2°S 178.0°W, H= =01 43 10.3, h=56km(ISC). M=5.6 USCGS, 5.5 ISC, MLH=5.9 Prühonice. D=158°, Dc= =158.1°. LmH:26s 2.1μ. |
| 7 | eiP ei ei eiPP | 07 40 58.2 41 10 41 34 42 44.7 | Western Gulf of Aden 12.2°N 46.3°E, H= =07 32 36.2, h=13km(ISC). M=5.2 ISC, 4.9 USCGS. Dc=45.8°. |
| 7 | eiP eiPP | 07 50 50.8 52 40 | C. Western Gulf of Aden 12.1°N 46.3°E, H=07 42 32.4, h=39km(ISC). M=5.4 ISC, 5.3 USCGS, MPV=5.3(cp) Prühonice. Dc= =45.9°. PV(cp):1.2s 34mμ. |
| 7 | iPg | 10 00 39.3 | i 00 50.8. |
| 7 | iP i | 11 16 32.5 16 48.5 | C. Aleutian Islands 51.8°N 176.4°E, H= =11 04 41.1, h=47km(ISC). M=5.2 ISC, USCGS, MPV=5.2(cp) Prühonice. Dc=77.4°. PV(cp):1s 20mμ. |
| 7 | ePKP2 | 16 29 12 | Kermadec Islands 27.3°S 177.6°W, H= =16 08 59.6, h=65km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=155.5°. |
| 7 | eSg | 18 59 45 | |
| 8 | iPg ei iSg Lm | 11 59 49.7 12 00 05 00 08.5 00 21 | C. D=1.5°. |

| Date | Phase | h m s | Remarks |
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| 8 | eiP ei | 12 37 59 38 06 | Philippine Islands 19.9°N 121.1°E, H= =12 25 27.9, h=81km(ISC). M=5.2 ISC, 4.6 USCGS, MPV=4.9(cp) Prühonice. Dc= =85.1°. PV(cp):1.2s 17mμ. |
| 8 | eP | 12 57 22 | Aleutian Islands 51.7°N 173.5°W, H= =12 45 22.5, h=35km(ISC). M=4.6 ISC, 4.4 USCGS. Dc=78.5°. |
| 8 | e | 13 06 14 | ei 06 29, ei 06 51. |
| 8 | eiPg | 16 30 11 | D=2.3°. eiSg 30 40.5. |
| 8 | ePKIKP i eipPKIKP | 19 42 14.3 42 24.3 42 46 | D. Loyalty Islands 22.2°S 171.4°E, H= =19 22 48.4, h=150km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=146.8°. |
| 8 | eP ei | 23 05 58 06 09 | Greece 37.8°N 21.0°E, H=23 02 55.6, h= =55km(ISC). M=4.6 ISC, 4.2 USCGS. Dc= =13.0°. |
| 9 | eiPKIKP ei eipPKIKP | 01 55 40.8 55 57.7 | Fiji Islands Region 17.1°S 177.3°W, H= =01 36 47.3, h=403km(ISC). M=5.5 USCGS, ISC. Dc=145.8°. |
| 9 | ei | 02 06 34 | |
| 9 | eiP | 13 07 37.1 | Japan 42.1°N 142.2°E, H=12 55 47.9, h= =75km(ISC). M=4.5 USCGS, 4.2 ISC. Dc=77.5 =77.5°. |
| 9 | iP i eiS Ig Lm | 18 00 53.1 02 35.5 03 10.6 03 56 06 | C.N.W. Aegean Sea 39.3°N 23.8°E, H= =17 57 54.5, h=18km(ISC). M=6 1/4 Mos- cow, 5.7 ISC, USCGS, MLH=6.2 Prühonice. D=12.5°, Dc=12.5°. LmH:11s 150μ, PH: 4s 4.5°, SH:12s 8.8μ, PV(cp):2.2s 325mμ. |
| 9 | eP ei Lm | 18 40 53 41 38 46.5 | Aegean Sea 39.3°N 23.9°E, H=18 37 54.6, h=33km(ISC). M=5.1 ISC, 5.0 USCGS. Moscow, MLH=5.0 Prühonice. Dc=12.6°. LmH:12s 10μ. |
| 9 | eP e ei Lm | 19 49 57 50 07 50 49.2 55.5 | Aegean Sea 39.1°N 23.9°E, H=19 46 58.7, h=19km(ISC). M=5.0 ISC, 4.7 USCGS. MLH= =4.7 Prühonice. Dc=12.7°. LmH:12s 5μ. |
| 9 | e Lm | 21 23 40 29 | Aegean Sea 39.2°N 23.9°E, H=21 20 04.5, h=7km(ISC). M=5.0 Moscow, 4.7 USCGS, 4.6 ISC, MLH=4.6 Prühonice. Dc=12.7°. LmH:12s 4.3μ. |

| Date | Phase | h m s | Remarks |
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| 9 | e Lm | 22 23 19 27.6 | Aegean Sea 39.2°N 24.0°E, H=22 19 06.4, h=13km(ISC). M=4.6 ISC, 4.4 USCGS, MLH= =4.5 Prühonice. LmH:12s 2.7μ. |
| 9 | eP e Lm | 22 38 16 39 17 43 | Aegean Sea 39.3°N 23.8°E, H=22 35 15.3, h=18km(ISC). M=5.0 Moscow, 4.8 ISC, USCGS, MLH=4.5 Prühonice. Dc=12.6°. LmH:11s 2.5μ. |
| 10 | eiP ei Lm | 01 39 13 40 04 44.7 | Aegean Sea 39.1°N 23.8°E, H=01 36 05.8, h=18km(ISC). M=5.0 Moscow, ISC, 4.7 USCGS, MLH=4.6 Prühonice. Dc=12.7°. LmH:11s 3.7μ. |
| 10 | eP e eiPP e | 05 50 52 51 04 51 42.8 56 08 | Western Iran 32.8°N 49°E, H=05 44 50.6, h=54km(ISC). M=5.4 USCGS, 5.1 ISC, 5.0 Moscow. Dc=30.8°. |
| 10 | eiPg | 13 01 34 | D=1.6°. iSg 01 56. |
| 10 | iPKIKP eiPKHKP eipPKIKP | 16 12 25.1 12 32 14 48.6 | D. Fiji Islands 22.0°S 179.6°E, H= =15 53 40, h=583km(ISC). M=5.7 USCGS, 5.4 ISC. Dc=149.7°. |
| 10 | eP e e | 21 53 17 53 38 54 48 | Aegean Sea 39.3°N 23.9°E, H=21 50 19.8, h=37km(ISC). M=4.9 USCGS, 4.8 ISC. Dc= =12.6°. |
| 10 | eP | 22 04 30 | Alaska Peninsula 56.2°N 155.8°W, H= =21 52 57.0, h=33km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=73.9°. |
| 10 | eP | 22 26 25 | e 26 33. |
| 11 | iP | 08 42 56.0 | C. Kurile Islands 45.3°N 150.8°E, H= =08 31 00.6, h=36km(ISC). M=5.0 ISC, 4.5 USCGS, MPV=5.3(cp) Prühonice. Dc= =77.8°. PV(cp):1s 24mμ. |
| 11 | eiP | 08 48 42 | Kurile Islands 44.6°N 150.9°E, H= =08 36 54.5, h=129km(ISC). M=4.3 USCGS, 4.1 ISC. Dc=78.4°. |
| 11 | eiP | 12 19 25 | Aleutian Islands 53.1°N 171.1°E, H= =12 07 39.8, h=10km(ISC). M=4.9 ISC, 4.8 USCGS. Dc=75.4°. |
| 11 | ei | 12 54 59.4 | ei 55 22. |

| Date | Phase | h m s | Remarks |
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| 11 | ei | 12 59 26.9 | ei 59 44.4. |
| 11 | ePP | 17 25 37 | Bouvet Island Region 54.3°S 0.8°E, H= =17 07 06.1, h=33km(ISC). M=5.4 USCGS, 5.3 ISC. Dc=104.3°. |
| 11 | iP ei | 19 28 14.8 28 35 | C. Japan 42.3°N 143.1°E, H=19 16 24.7, h=73km(ISC). M=4.9 USCGS, 4.8 ISC, MPV= =5.0(cp) Prühonice. Dc=77.7°. PV(cp): 0.7s 15μ. |
| 11 | e | 21 55 27 | e 55 44. |
| 11 | eP | 23 42 57 | Kurile Islands 45.3°N 151.4°E, H= =23 31 02.3, h=46km(ISC). M=4.8 USCGS, 4.4 ISC. Dc=78.0°. |
| 12 | eP | 02 07 10.6 | Aleutian Islands 50.4°N 178.0°E, H= =01 55 10.3, h=45km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=79.0°. |
| 12 | ePg | 09 01 30.2 | D=96km(ISC). iSg 01 41.8. |
| 12 | e | 10 45 10 | ei 45 21. |
| 12 | e | 11 21 07 | |
| 12 | eiPKIKP | 11 33 29.5 | South of Fiji Islands 19.9°S 177.1°E, H=11 13 51.9, h=33km(ISC). M=4.8 USCGS, 4.4 ISC. Dc=146.9°. |
| 12 | e | 19 44 02 | ei 44 07.4. |
| 12 | eP ei eiS ei Lm | 20 21 45.2 22 12.3 23 54 24 18 25 50 | Southern Italy 38.8°N 17.6°E, H= =20 19 08.0, h=95km(ISC). M=4.6 USCGS, 4.5 ISC. D=11.5°, Dc=11.4°. |
| 13 | e(P) | 04 11 50 | Aegean Sea 39.1°N 24.0°E, H=20 19 40.6, |
| 13 | eiP ei e Lg Lm | 04 12 35.5 13 07 15 09 16 53 18 | Aegean Sea 39.0°N 23.7°E, H=04 09 37.9, h=33km(ISC). M=5.3 USCGS, 5.1 ISC, MLH= =5.3 Prühonice. Dc=12.7°. LmH:11s 18μ. |
| 13 | eiP | 07 07 14 | Kurile Islands 47.4°N 151.4°E, H= =06 55 32.9, h=44km(ISC). Dc=76.1°. |

| Date | Phase | h m s | Remarks |
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| 13 | eiP eiPcP | 07 45 15 45 25.5 | Alaska 53.2°N 162.1°W, H=07 33 23.5, h=36km(ISC). M=5.5 ISC, USCGS. Dc=77.2°. |
| 13 | e | 09 54 50 | |
| 13 | e | 10 01 04 | e(Sg) 01 42. |
| 13 | eiPg ei eiSg | 10 46 19 46 22.5 46 44 | Explosion of 8.3 Tons. Germany 51.2°N 12.7°E. H=10 45(Collm). D=1.9°, Dc=1.7°. |
| 13 | iPKP ei | 14 13 26.5 15 26 | D. Fiji Islands Region 20.4°S 177.6°W, H=13 54 35.6, h=502km(ISC). M=5.7 USCGS, 5.1 ISC. Dc=149.0°. |
| 13 | e | 15 38 56 | Aleutian Islands 51.2°N 178.1°E, H= 15 25 58.7, h=12km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=78.1°. |
| 13 | eiP | 16 23 54.5 | Near East Coast of Kamchatka 54.0°N 160.8°E, H=16 12 29.3, h=54km(ISC). M=5.0 ISC, USCGS. Dc=72.6°. |
| 13 | eiP | 21 08 15.5 | Japan 38.5°N 142.1°E, H=20 56 07.2, h= =54km(ISC). M=5.0 ISC, 4.8 USCGS. Dc= =80.5°. |
| 14 | e | 12 05 55 | ei 06 03.4, ei 06 27.4, ei 07 29. |
| 14 | iP eipP eisP iPP eS ei | 16 00 39.7 01 27 01 52 02 22.7 06 45 07 58 | C.S.W. Hindu Kush 36.4°N 70.7°E, H= =15 53 06.2, h=205km(ISC). M=6.6 USCGS, 6.4 ISC, MPH=7.4, MPV=6.9(cp) Prühonice. D=42.5°, Dc=42.2°. PH:6s 50μ, PV(cp): 0.7s 2912μ. |
| 14 | e | 21 00 20 | |
| 14 | ePKP2 | 22 31 31 | West of Tonga 18.3°S 176.8°W, H= =22 11 52.7, h=103km(ISC). M=5.2 USCGS, 4.5 ISC. Dc=147.1°. |
| 15 | eiPKIKP | 00 07 47 | C. Fiji Islands 15.8°S 177.5°W, H= =23 49 00.5, h=423km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=144.6°. |
| 15 | eP ei | 02 14 37 15 47 | Taiwan 22.6°N 121.2°E, H=02 02 07.1, h= =10km(ISC). M=5.2 ISC, 4.7 USCGS. Dc= =83.0°. |

| Date | Phase | h m s | Remarks |
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| 15 | ePKIKP ei | 03 20 44 20 52 | Samoa Region 14.8°S 174.2°W, H= =03 01 13.0, h=33km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=144.2°. |
| 15 | e | 07 48 04 | |
| 15 | eiP | 08 37 49.8 | C. Aleutian Islands 51.3°N 174.2°E, H= =08 25 55.3, h=33km(ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.3(cp) Prühonice. Dc= =77.6°. PV(cp):1s 23mμ. |
| 15 | eiP | 11 06 41.8 | Aleutian Islands 51.1°N 174.1°E, H= =10 54 43.4, h=14km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=77.8°. |
| 15 | eiPg | 13 08 46 | D=1.8°. eiSg 09 10.5. |
| 15 | ePKIKP | 14 21 39 | New Britain Region 6.5°S 153.1°E, H= =14 02 42.2, h=37km(ISC). M=5.4 USCGS, 5.2 ISC. Dc=124.5°. |
| 15 | eiSg | 18 56 38.5 | ei 56 45. |
| 15 | eiSg | 19 49 36.4 | ei 49 42.2. |
| 15 | ePn e ei | 21 14 17 15 28 16 15 | Italy 44.5°N 8.9°E, H=21 12(BCIS). Dc= =6.7°. |
| 16 | eiP eiPcP | 02 23 08.5 23 17 | D. South Atlantic Ridge 22.9°S 13.5°W, H=02 11 19.9, h=32km(ISC). M=5.3 ISC, USCGS, MPV=5.4(cp) Prühonice. Dc=76.7°. |
| 16 | e | 08 15 34 | ei 16 36. |
| 16 | iP eiPcP ei ei eiS eiSS eL Lm Lm | 16 58 17.1 58 27.6 59 23 17 01 38 08 14 13.1 22 30.5 33.7 | C. Japan 40.7°N 143.0°E, H=16 46 16.1, h=36km(ISC). M=6 1/2 Moscow, 6.4 USCGS, 5.8 ISC, MLH=6.7, MPV=6.0(cp) Prühonice. D=79.5°, Dc=78.9°. LmH:22s 27μ, LmH: 18s 32μ, PV(cp):1s 159mμ. |
| 16 | eP | 21 45 16 | Japan 39.8°N 143.7°E, H=21 33 04.5, h= =8km(ISC). M=4.4 ISC, USCGS. Dc=80.0°. |

| Date | Phase | h m s | Remarks |
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| 16 | eiPn eiPg ei | 22 18 08 18 27 18 43 | Austria 47.2°N 14.5°E, H=22 17(Collm). Dc=4.2°. |
| 16 | e | 23 35 28 | ei 35 33.8. |
| 17 | ePn ei eiSg | 02 33 54 34 13.5 36 08.8 | Central Italy 42.9°N 13.2°E, H= =02 32 15, h=45km(ISC). M=4.1 USCGS, 4.0 ISC. Dc=7.2°. |
| 17 | eP | 03 57 20 | Cyprus 34.6 N 32.3 E, H=03 52 48.2, h= =52km(ISC). M=4.6 ISC, USCGS. Dc=20.1°. |
| 17 | ePg ei eiSg | 11 41 52 42 16 42 19 | Explosion of 4.0 Tons 51.4°N 12.8°E, H= =11 41(Collm). D=2°, Dc=1.8°. |
| 17 | eP ei | 13 21 41 22 37 | Tadzhikistan 40.8°N 69.4°E, H= =13 14 18.8, h=33km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=38.8°. |
| 17 | iP ei | 14 38 58.5 39 24 | Aleutian Islands 52.8°N 172.0°E, H= =14 27 11.7, h=14km(ISC). M=6.0 USCGS, 5.7 ISC, Dc=75.8°. |
| 18 | e | 10 45 33 | eiSg 45 45.3. |
| 18 | iPg eiSg i Lm | 12 00 06.0 00 16 00 20.5 00 37 | Explosion of 11.2 Tons 50°45.7'N 14°25.5' E(Prühonice). Dc=88km. |
| 18 | e | 12 54 35 | e 54 45, iSg 55 08.3. |
| 18 | iPKIKP ei | 16 34 39.5 35 23 | C. West of Tonga Islands 17.6°S 178.9°W, H=16 15 59.1, h=536km(ISC). M=5.1 ISC, USCGS. Dc=145.9°. |
| 19 | eiPg | 09 59 15.2 | D=2°. eiSg 59 41. |
| 19 | e e eiSg | 10 30 41 30 50 30 52 | Explosion of 2 Tons 49°29.6'N 13°32.2'E (Prühonice). Dc=100km. |
| 19 | iPg iSg Lm | 10 31 25.8 31 27 31 28 | D. Explosion of 3.2 Tons 49°57.3'N 14°23.4'E(Prühonice). Dc=11km. |

| Date | Phase | h m s | Remarks |
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| 19 | ePg e eiSg | 10 58 42 58 51 58 55 | D=1°. |
| 19 | eiPg iSg L Lm | 11 01 46 02 01 02 04 02 09 | D=1.1°. |
| 19 | eP ePcP | 12 04 59 05 08 | Japan 40.7°N 143.2°E, H=11 52 57.3, h= =34km(ISC). M=4.8 ISC, 4.6 USCGS. Dc= =79.0°. |
| 19 | eSg | 12 52 59 | eiSg 54 25. |
| 19 | e | 13 00 25 | e 00 59.5. |
| 19 | ePg | 14 00 39 | D=2.3°. eiSg 01 08. |
| 19 | ePg | 14 01 40 | D=2.3°. eiSg 02 09. |
| 19 | e | 14 33 49 | eiSg 34 10.5. |
| 19 | eP e eiPP ePPS eL Lm Lm | 16 34 41 38 01 38 50 48 40 17 10 21 26.5 | Celebes 1.9°S 119.7°E, H=16 20 52.8, h= =59km(ISC). M=5.7 ISC, 5.0 USCGS, MLH= =5.8 Prùhonice. D=101° Dc=101.2°. LmH: 24s 4.2μ, LmH:22s 3.8μ. |
| 19 | eiPKP eipPKP | 17 55 56.2 58 20 | Fiji Islands 19.8°S 178.6°W, H= =17 37 19.5, h=630km(ISC). M=5.5 USCGS, 5.1 ISC. Dc=148.1°. |
| 19 | e | 20 16 22 | |
| 19 | eiP ePP | 23 12 11 16 27 | Northern Celebes 0.0°N 123.5°E, H= =22 58 35.9, h=181km(ISC). M=5.6 USCGS, 5.4 ISC. Dc=102.1°. |
| 19 | eiPKP | 23 52 21.2 | D. Tonga Islands 20.3°S 175.9°W. H= 23 33 01.8, h=249km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=149.2°. |
| 20 | eiPg eiSg Lm | 07 59 15 59 25 59 36 | Explosion of 8.2 Tons 49°43.3'N 13°27.9' E. Dc=83km(Prùhonice). |

| Date | Phase | h m s | Remarks |
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| 21 | ei | 03 39 52 | |
| 21 | eL Lm | 10 27 31.5 | Nicaragua 11.6°N 86.3°W, H=09 42 42.7, h=61km(ISC). M=5.2 USCGS, 5.1 ISC, MLH= =5.6 Prùhonice. Dc=88.0°. LmE:20s 2.3μ. |
| 21 | e(P) ei ei eiPP ePPP e eiPPS eSS eL Lm | 11 22 35 23 25.5 26 09 26 55 29 02 34 32 37 07 41 34 12 00 13.5 | Molucca Sea 1.5°S 126.5°E, H=11 08 16.8, h=37km(ISC). M=6.2 USCGS, 5.9 ISC, MLH= =6.3 Prùhonice. Dc=105.1°. LmH:18s 6.5μ. |
| 21 | ei | 12 02 22.7 | |
| 21 | iP eiPP | 12 53 29.5 56 36 | D. Japan 36.3°N 136.9°E, H=12 41 48.9, h=276km(ISC). M=5.4 USCGS, 5.0 ISC, MPV=4.9(cp) Prùhonice. Dc=80.1°. PV(cp): 1s 23μ. |
| 21 | eiP i | 15 17 27.3 17 34.3 | China 40.5°N 78.5°E, H=15 09 13.5, h= =18km(ISC). M=5.1 USCGS, 4.9 ISC. Dc= =44.7°. |
| 21 | eiP | 19 14 30 | Kurile Islands 45.5°N 150.7°E, H= =19 02 33.9, h=14km(ISC). M=5.2 USCGS, 5.1 ISC, MPV=5.3(cp) Prùhonice. Dc= =77.6°. PV(cp):1s 23μ. |
| 22 | eiPKIKP i ei eiPP eSKKS ePPS Lm | 03 04 19.5 04 30.5 04 54 07 39 14 33 20 16 04 07.5 | Tonga Islands 15.3°S 173.2°W, H= =02 44 47.8, h=48km(ISC). M=5.9 USCGS, 5.7 ISC, MLH=6.4 Prùhonice. D=145°, Dc= =144.8°. LmH:26s 7.7μ. |
| 22 | eP | 03 19 11 | Argentina 23.9°S 66.8°W, H=03 05 37.2, h=212km(ISC). M=5.5 USCGS, 5.3 ISC. Dc= =102.6°. |
| 22 | eP | 03 25 30 | Aegean Sea 39.1°N 23.8°E, H=03 22 22.2, h=1km(ISC). M=4.6 ISC, 4.5 USCGS. Dc= =12.7°. |
| | | | The seismic vault without electricity from the 22 th to the 25 th March. |

| Date | Phase | h m s | Remarks |
|------|--|--|--|
| 25 | ePKIKP | 07 36 23 | New Hebrides Islands 14.3°S 167.3°E, H= =07 17 21.9, h=209km(ISC). M=5.8 USCGS, 5.0 ISC. Dc=138.1°. |
| 25 | iP iPcP | 09 05 01.8 05 11.6 | C. Aleutian Islands 52.3°N 172.7°E, H= =08 53 13.9, h=30km(ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.4(cp) Prühonice. Dc= =76.4°. PV(cp):1s 32mμ. |
| 25 | eiP eiPcP | 09 41 46 41 55.3 | Aleutian Islands 52.3°N 172.7°E, H= =09 29 59.0, h=48km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=76.5°. |
| 25 | eiPg | 11 01 28.2 | ei 01 29.0, ei 01 45. |
| 25 | eiPg | 13 06 05.7 | D=1.7°. eiSg 06 29. |
| 25 | ePKIKP e | 21 25 28 25 42 | Tonga Islands 20.0°S 173.9°W, H= =21 05 41.9, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=149.3°. |
| 25 | e | 23 56 17 | Tonga Islands 15.3°S 173.2°W, H= =23 36 30.0, h=38km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=144.8°. |
| 26 | eiPKIKP iPKHKP eiPKP2 e ei | 00 39 34.8 39 39.2 39 44.8 40 36 42 13.7 | West of Tonga 20.0°S 178.0°W, H= =00 20 58.8, h=605km(ISC). M=5.8 USCGS, 5.1 ISC. Dc=148.5°. |
| 26 | eP | 02 31 58 | Kurile Islands 45.4°N 151.5°E, H= =02 20 04.8, h=59km(ISC). M=4.6 ISC, USCGS. Dc=77.9°. |
| 26 | eiPg | 09 01 13.5 | D=1.1°. iSg 01 27.5. |
| 26 | iPg | 09 55 14.3 | D=2°. iSg 55 40.8. |
| 26 | e | 10 00 40 | |
| 26 | e | 10 45 09 | |
| 26 | ei | 11 06 41.8 | |
| 26 | eiP | 12 23 31.9 | Near West of Colombia 4.7°N 77.4°W, H= =12 10 44.8, h=31km(ISC). M=4.8 ISC, 4.5 USCGS. Dc=87.6°. |
| 26 | e | 12 46 55 | ei 47 18.8. eiSg 47 51. |

| Date | Phase | h m s | Remarks |
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| 26 | eiPg ei eiSg | 15 00 55 01 29 01 36 | Explosion of 16.1 Tons 10°02'42" N 50°32'50"E. H=16 00 07.0, (Hannover). Dc=2.9°. |
| 26 | eiP | 15 46 34.8 | Nevada 37.1°N 116.1°W, H=15 34 10.6, h= =26km(ISC). MPV=5.2(cp) Prühonice. Dc= =82.9°. PV(cp):1.5s 24mμ. |
| 26 | eP | 16 24 35 | Aleutian Islands 51.9°N 176.5°E, H= =16 12 43.0, h=39km(ISC). M=4.6 ISC, 4.8 USCGS. Dc=77.3°. |
| 26 | ePKP | 16 32 32 | Tonga Islands 22.4°S 174.7°W, H= =16 12 34.7m h=13km(ISC). M=5.4 ISC, 5.2 USCGS. Dc=151.5°. |
| 26 | iP ei e | 20 33 22.4 33 34 34 43 | D. Turkey 36.8°N 30.9°E, H=20 29 22.6, h= =111km(ISC). M=5.3 USCGS, 5.0 ISC. MPV= =4.8(cp) Prühonice. Dc=17.7°. PV(cp): 1s 61mμ. |
| 26 | eP | 21 45 53 | Aleutian Islands 52.0°N 171.2°E, H= =21 34 03.5, h=30km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=76.4°. |
| 27 | ei iPg i i iSg | 03 13 04 13 09.4 13 29.5 13 53.5 13 58.5 | Germany 47.9°N 9.5°E, H=03 11 57.4, h= =2km(ISC). D=3.8°, Dc=3.9°. |
| 27 | ePg ei ei iSg | 06 31 05 31 39 31 50 31 55.2 | Germany 48.0°N 9.4°E, H=06 29 55, h= =2km(ISC). D=3.8°, Dc=3.9°. |
| 27 | iPg eiSg Lm | 10 38 03.5 38 06.5 38 10 | Explosion of 7 Tons 50°10.5' N 14°23.8' E (Prühonice). Dc=25km. |
| 27 | i | 19 11 34.3 | i 11 40.3, e 11 46. |
| 27 | ei | 22 00 07.8 | iSg 00 10.5, ei 00 15.4. |
| 27 | ePn eiPg eiSn iSg | 22 37 21 37 33.4 38 04.4 38 21.0 | Italy 46.4°N 13.0°E, H=22 36 20.9, h= =0km. D=3.6°, Dc=3.7°. |

| Date | Phase | h m s | Remarks |
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| 28 | ePP | 00 15 37 | Ceram Sea 2.6°S 126.1°E, H=23 56 56.0, h=15km(ISC). M=6.2 USCGS, 5.3 ISC. Dc=105.8°. |
| 28 | eiP | 04 36 12.6 | |
| 28 | eiP | 10 13 44.5 | Near Coast of Peru 15.8°S 74.1°W, H=10 00 00.0, h=69km(ISC). M=5.4 USCGS, 5.3 ISC. Dc=101.1°. |
| 28 | iP | 13 34 18.5 | C. Kamchatka 55.2°N 162.0°E, H=13 22 56.7, h=22km(ISC). M=5.9 USCGS, 5.8 ISC. MLH=5.6, MPV=6.1(cp) Prùhonice. Dc=71.7°. LmH:19s 3.1μ, PV(cp):1.2s 193mμ. |
| | e | 34 56 | |
| | ei | 35 14.5 | |
| | eL | 58 00 | |
| | Lm | 14 07 00 | |
| 28 | eiP | 16 47 47.5 | Central Chile 32.4°S 71.1°W, H=16 33 15.2, h=68km(ISC). M=6.4 ISC, USCGS, MLH=7.4 Prùhonice. D=111°, Dc=111.5°. QmH:36s 82μ, RmE:28s 80μ, RmH:22s 90μ. |
| | eiPKIKP | 51 27.5 | |
| | eiPP | 52 19 | |
| | iSKS | 58 19.5 | |
| | iS | 17 00 01.5 | |
| | eiPS | 01 41 | |
| | eiSS | 07 45 | |
| | eSSS | 12 01 | |
| | Q | 25 | |
| | Qm | 28 | |
| | Rm | 32.5 | |
| | Rm | 39.5 | |
| 28 | e | 17 02 39 | ei 02 48.5. |
| 28 | e | 23 35 26 | |
| 29 | iP | 10 59 39.2 | C.S.W. Japan 40.7°N 142.8°E, H=10 47 38.4, h=41km(ISC). M=6 1/2 Moscow, 6.4 USCGS, 6.1 ISC. MLH=6.7, MPH=6.9, MPV=5.4(cp) Prùhonice. D=79°, Dc=78.9°. PV(cp):1.8s 667mμ, LmH:18s 25μ, PH:4s 1.7μ. |
| | eiPcP | 59 47.7 | |
| | ei | 11 00 55 | |
| | iPP | 02 36 | |
| | iS | 09 35.2 | |
| | i | 09 53.2 | |
| | iPS | 10 17 | |
| | eSS | 14 47 | |
| | eSSS | 17 53 | |
| | eL | 27 | |
| | Lm | 35 | |
| 29 | eiPg | 12 51 50.2 | D=1.4°. eiSg 52 07.7. |
| 29 | eP | 14 44 32 | Aleutian Islands 52.0°N 175.3°E, H=14 32 42.1, h=42km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=77.1°. |
| | e | 44 40 | |

| Date | Phase | h m s | Remarks |
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| 29 | eiPKIKP | 15 39 43.2 | Loyalty Islands 21.1°S 170.1°E, H=15 20 17.8, h=120km(ISC). Dc=145.3°. |
| 29 | e | 15 58 42 | e 59 23. |
| 30 | ePKIKP | 00 17 00 | Kermadec Islands 28.8°S 178.3°W, H=23 57 32.3, h=221km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=156.8°. |
| | ei | 17 31.7 | |
| | eisPKIKP | 18 28.2 | |
| 30 | eiPKP | 00 40 46.9 | C. Tonga Islands 20.3°S 173.8°W, H=00 21 00.0, h=33km(ISC). M=5.7 ISC, 5.5 USCGS. Dc=149.6°. |
| | ei | 41 14 | |
| | ei | 42 06 | |
| | ePP | 44 20 | |
| 30 | iP | 02 39 06.5 | D.N.E. Aleutian Islands 50.3°N 177.9°E, H=02 27 03.4, h=20km(ISC). M=7 1/4 - 7 1/2 Moscow, 6.5 ISC, 5.7 USCGS, MLH=7.6, MPH=7.6, MPV=6.6(cp) Prùhonice. D=80.5°, Dc=79.1°. LmE:28s 305μ, LmH:22s 270μ, PH:14s 31μ, PV(cp):1.5s 762mμ. |
| | i | 39 20.2 | |
| | i | 39 40.6 | |
| | eiPP | 42 13 | |
| | eiPPP | 44 13 | |
| | iS | 49 09 | |
| | i | 49 17 | |
| | eiPS | 49 57 | |
| | Lm | 03 07 | |
| | Lm | 13 | |
| 30 | eP | 03 05 18 | Aleutian Islands 50.3°N 177.3°E, H=02 53 14.8, h=33km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=79.0°. |
| | e | 05 46 | |
| 30 | e | 03 37 20 | ei 37 58.5, ei 38 26, ei 41 51. |
| 30 | eiP | 04 44 52.7 | Aleutian Islands 50.4°N 177.5°E, H=04 32 50.1, h=31km(ISC). M=4.9 ISC, USCGS. Dc=78.9°. |
| 30 | eP | 06 37 05 | Aleutian Islands 50.1°N 177.3°E, H=06 25 02.1, h=30km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=79.2°. |
| 30 | eP | 07 22 57.7 | Aleutian Islands 50.1°N 177.8°E, H=07 10 49.6, h=5km(ISC). M=4.9 USCGS, 4.8 ISC. |
| 30 | eP | 07 52 40 | Aleutian Islands 50.4°N 177.5°E, H=07 40 37.3, h=25km(ISC). M=4.7 USCGS, 4.5 ISC. |
| 30 | iPg | 08 45 35.2 | D=1.9°. |
| | i | 45 56 | |
| | iSg | 46 00.2 | |

| Date | Phase | h m s | Remarks |
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| 30 | eP | 09 17 15 | Aleutian Islands 50.3°N 177.9°E, H= =09 05 14.2, h=44km(ISC). M=4.7 USCGS, 4.4 ISC. Dc=79.1°. |
| 30 | eP | 11 54 22.5 | Aleutian Islands 51.7°N 174.8°E, H= =11 42 29.3, h=30km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=77.3°. |
| 30 | eP e | 12 22 03 22 08.2 | Japan 35.8°N 135.5°E, H=12 10 31.1, h= =359km(ISC). M=4.8 USCGS, 4.7 ISC. Dc= =79.9°. |
| 30 | e | 14 04 26 | e 04 29, ei 04 36. |
| 30 | eiP i e eL Lm | 16 11 34.7 11 49.5 14 45 42 47 | C. Japan 40.8°N 142.8°E, H=15 59 35.1, h=44km(ISC). M=5.7 USCGS, 5.3 ISC, 5 Moscow, MLH=5.5, MPV=5.4(cp) Průhonice. D=78.6°, Dc=78.8°. LmH:18s 1.9μ, PV(cp): 0.8s 29mμ. |
| 30 | eP | 16 20 52 | Aleutian Islands 53.8°N 165.7°E, H= =16 09 03.9, h=33km(ISC). M=5.1 USCGS, 4.6 ISC. Dc=76.4°. |
| 30 | eiP ei | 16 22 24 22 39 | Aleutian Islands 51.4°N 170.5°W, H= =16 10 21.3, h=22km(ISC). M=4.8 ISC, USCGS. Dc=78.9°. |
| 30 | iPg eiSn iSg i | 17 35 57.2 36 27.7 36 46.2 36 54.2 | Germany 48.0°N 9.4°E, H=17 34 48, h= =2km(ISC). D=3.8°, Dc=3.9°. |
| 30 | iP ei e | 19 13 12.5 13 29.2 14 20 | C. Kurile Islands Region 50.2°N 159.5°E, H=19 01 25.2. h=12km(ISC). M=5.3 USCGS, 5.1 ISC, MPV=4.9(cp) Průhonice. Dc=3.9°. |
| 30 | ePKP | 22 28 40 | Tonga Islands 20.4°S 173.4°W, H= =22 08 52.1, h=33km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=149.8°. |
| 31 | iPg iSg Lm | 07 30 44.2 31 02.2 31 09 | Explosion of 7.3 Tons 48°44'N 14°30'E. Dc=137km(Průhonice). |
| 31 | ePn e eiSn ei eiSg | 08 28 51 29 06 29 38 29 55 30 08 | Hungary 46.2°N 17.3°E, H=08 27 47.0, h= =33km(ISC). D=4.2°, Dc=4.2°. |

| Date | Phase | h m s | Remarks |
|------|----------------------------|--|--|
| 31 | ei | 08 42 35 | |
| 31 | iP i ei iS Lm | 09 50 26.2 50 38 51 04 52 47 55 | C.W.N. Greece 38.4°N 22.3°E, H= =09 47 26.3, h=45km(ISC). M=6.3 ISC, USCGS, MLH=6.6, MPH=6.7 Průhonice. D= =12.5°, Dc=12.8°. LmN:12s 200μ, PH: 10s 16°, PV(cp):2s 312mμ. |
| 31 | iPg i i iSg Lm | 10 17 14.5 17 16.3 17 34.5 17 38.0 17 39 | D=1.8°. |
| 31 | eiP eiPcP | 10 58 12.2 58 21.2 | D.Aleutian Islands 50.3°N 178.3°E, H= =10 46 10.9, h=48km(ISC). M=5.6 USCGS, 5.3 ISC, MPV=5.1(cp) Průhonice. Dc= =79.1°. PV(cp):1.2s 19mμ. |
| 31 | iPg ei Lm | 10 59 53.7 11 00 02.7 00 09 | Explosion. |
| 31 | eP e | 12 04 11 04 20 | Greece 38.5°N 22.2°E, H=12 01 11.7, h= =78km(ISC). Dc=12.8°. |
| 31 | eiPg ei i Lm | 13 00 46.7 00 55.2 00 59.7 01 05 | Explosion of 5 Tons 50°07'N 13°32.5'E. Dc=72km(Průhonice). |
| 31 | eP | 13 35 29 | Aleutian Islands 50.2°N 177.9°E, H=13 23 26.2, h=35km(ISC). M=5.0 USCGS, 4.6 ISC. Dc=79.2°. |
| 31 | iPg | 14 02 04.2 | D=1.5°. iSg 02 23.7. |
| 31 | e | 14 42 58 | eiSg 43 32. |
| 31 | e | 16 03 18 | |
| 31 | eiP eiPcP | 17 21 16.2 21 27.7 | Aleutian Islands 51.7°N 174.6°E, H= =17 09 24.7, h=39km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=77.3°. |
| 31 | ePKIKP | 19 12 42 | Loyalty Islands 22.7°S 173.2°E, H= =18 53 05, h=33km(ISC). Dc=148.1°. |

| Date | Phase | h m s | Remarks |
|------|---------------|----------------------------------|---|
| 31 | e eL Lm | 20 12 05 12 31 15 40 17 | Aegean Sea 39.2°N 24.1°E, H=20 08 25.5, h=33km(ISC). M=4.6 ISC, 4.3 USCGS, MLH=4.7 Prühonice. Dc=12.7°. LmH:11s 4.5μ. |
| 31 | eiP | 22 44 36.7 | D. Aleutian Islands 50.4°N 177.5°E, H=22 32 32.3, h=24km(ISC). M=5.4 USCGS, 5.0 ISC, MPV=5.1(cp) Prühonice. Dc=78.9°. PV(cp):1s 15mμ. |
| 31 | e | 23 25 07 | |

| Date | Phase | h m s | Remarks |
|------|---|---|---|
| 1 | eP | 00 00 30 | Aleutian Islands 45.9°N 177.9°E, H=23 48 20.2, h=25km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=79.9°. |
| 1 | iP | 01 16 16.2 | C. Jordan - Syria 35.9°N 35.8°E, H=01 11 36.5, h=40km(ISC). M=4.3 USCGS, MPV=4.3 Prühonice. Dc=20.8°. PV(cp):1s 15mμ. |
| 1 | eiP eipP | 07 21 55.7 22 19.5 | D. Philippine Islands 9.9°N 125.8°E, H=07 08 40.0, h=101km(ISC). M=6.4 USCGS, 5.4 ISC, MPV=5.5(cp) Prühonice. Dc=95.7°. PV(cp):1s 15mμ. |
| 1 | iPg iSg | 12 00 09.6 00 26.2 | D=1.3°. |
| 1 | ePg eiSg | 12 50 55 51 23 | D=2.2°. |
| 1 | eiPKP ei | 14 03 20.2 03 26.7 | Tonga Islands 20.5°S 173.4°W, H=13 43 28.3, h=10km(ISC). M=5.1 ISC, USCGS. Dc=149.9° |
| 1 | eiPg | 17 01 30.5 | ei 01 44.5, Lm 01 50. |
| 1 | eiP | 18 04 04 | Kamchatka 54.7°N 161.8°E, H=17 52 42.8, h=46km(ISC). M=5.0 USCGS, 4.8 ISC, MPV=4.9(cp) Prühonice. Dc=72.1°. PV(cp):0.8s 9mμ. |
| 1 | eiPn eiPg iSn ei | 20 29 44.5 29 47.5 30 13.0 30 16 | Austria 47.9°N 16.4°E, H=20 29 (Vienna). D=2.3°, Dc=2.4°. |
| 1 | eiPKP ei e ei eSS eL Lm | 21 40 25 40 27.2 41 20 44 17 22 03 09 30 36.5 | Easter Island Cordillera 50.2°S 113.8°W, H=21 20 43.8, h=33km(ISC). M=5.3 USCGS, 5.2 ISC, MLH=5.7 Prühonice. Dc=147.4°. LmH:26s 1.7μ. |
| 2 | ei | 10 46 27.5 | |
| 2 | eiPg | 12 47 28 | D=3°. eiSg 48 06. |
| 2 | ePg eiSg | 12 49 00 49 35 | D=2.7°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------------|--|--|
| 2 | eP | 13 17 14 | Philippine Islands 12.7°N 123.9°E, H= 13 04 01.2, h=19km(ISC). M=5.6 USCGS, 5.4 ISC. Dc=92.4°. |
| 2 | ePKIKP ei iPKP2 | 16 03 08.5 03 17.6 03 35.6 | Kermadec Islands 27.2°S 179.0°W, H= =15 44 02.5, h=401km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=155.0°. |
| 2 | eP | 16 40 25 | Aleutian Islands 50.2°N 177.4°E, H= =16 28 19.9, h=17km(ISC). M=5.2 USCGS, 4.7 ISC. Dc=79.1°. |
| 2 | eP | 19 08 26 | Kurile Islands 44.8°N 147.7°E, H= =18 56 49.2, h=81km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.2°. |
| 2 | iP ei eiPP ei | 22 34 14.6 34 42.5 35 49 36 07 | D. Hindu Kush Region 23.9°N 66.8°E, H= =22 26 42.8, h=5km(ISC). M=5.5 USCGS, 5.0 ISC. Dc=39.4°. |
| 2 | e | 22 44 49 | |
| 3 | eiP ei | 02 49 50.1 49 55.1 | Aleutian Islands 51.6°N 175.8°E, H= =02 37 52.1, h=7km(ISC). M=4.7 ISC, 4.5 USCGS. Dc=77.6°. |
| 3 | eP | 03 10 19 | China 43.9°N 82.9°E, H=03 01 57.1, h= =10km(ISC). M=4.6 ISC, USCGS. Dc=45.6°. |
| 3 | eP ei e | 08 33 27 34 17 35 36 | Yugoslavia 42.3°N 20.0°E, H=08 31 40.9, h=33km(ISC). Dc=6.8°. |
| 3 | eiPKP ei iPKP2 | 08 59 33.5 59 49.6 09 00 11 | Kermadec Islands 27.0°S 176.1°W, H= =08 39 34.7, h=56km(ISC). M=4.9 ISC, USCGS. Dc=155.6°. |
| 3 | ePg | 10 04 27 | D=1°. iSg 04 40. |
| 3 | eP eiPP ei | 11 33 52 37 29 51 13 | Mexico 16.0°N 97.9°W, H=11 20 44.1, h= =16km(ISC). M=5.5 USCGS, 5.4 ISC. Dc= =91.6°. |
| 3 | eP ei eiPP ei | 11 42 23 42 31 45 57 46 27 | Mexico 16.2°N 97.8°W, H=11 29 15.0, h= =45km(ISC). M=5.5 USCGS, 5.2 ISC. Dc= =91.4°. |
| 3 | eiP ei ei ei ei | 14 33 44.5 33 53.2 34 16.5 34 54.4 39 27 | Greece 38.2 N 20.5 E, H=14 30 48.2, h= =25km(ISC). M=5.0 USCGS, 4.9 ISC. Dc= =12.5°. PV(cp):1s 23mμ. |

| Date | Phase | h m s | Remarks |
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| 4 | eiPg iSg | 10 33 06.5 33 28.5 | D=1.6°. |
| 4 | eiPg iSg | 11 43 05 43 22 | D=1.3°. |
| 4 | eiPg ei iSg | 11 54 46 55 01 55 10 | D=1.8°. |
| 4 | eiP iPcP ei e eL Im | 13 42 29.8 42 41.3 43 57 14 01 13 18 23 | D. Aleutian Islands 51.8°N 175.4°E, H= =13 30 37.4, h=32km(ISC). M=5.7 USCGS, 5.6 ISC. Dc=77.3°. LmN:16s 1μ. |
| 4 | iPKP2 | 15 56 29.7 | Kermadec Islands 26.9°S 176.1°W, H= =15 36 07.5, h=2km(ISC). M=5.6 USCGS, 5.5 ISC. Dc=155.5°. |
| 4 | iSg | 16 00 24.5 | Switzerland 47.9°N 7.4°E, H=15 57 37 (BCIS). Dc=5.1°. |
| 4 | eiPKP2 | 16 13 05.7 | Kermadec Islands 26.6°S 176.1°W, H= =15 52 47.6, h=29km(ISC). M=5.0 USCGS, ISC. Dc=155.2°. |
| 4 | ePKP2 ei | 16 30 27 30 37.2 | Kermadec Islands 27.0°S 176.0°W, H= =16 10 06.4, h=12km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=155.6°. |
| 4 | ePKP2 ei | 16 52 57 53 13.8 | Kermadec Islands 27.0°S 175.8°W, H= =16 32 42.0, h=12km(ISC). M=5.2 USCGS, ISC. Dc=155.6°. |
| 4 | eiP eiPP ei | 20 22 53.5 23 30 26 43 | Brazil 8.8°S 74.5°W, H=20 09 41.7, h= =148km(ISC). M=5.3 ISC, USCGS, MPV=5.4 (cp) Prùhonice. Dc=96.0°. |
| 4 | eiP eipP | 20 44 09.5 44 36 | Colombia 4.9°N 76.1°W, H=20 31 34.9, h= =104km(ISC). M=4.9 ISC, USCGS. Dc=86.7°. |
| 4 | ePKIKP e | 23 58 14 58 47 | West of Tonga 16.5°S 178.6°W, H= =23 39 38.5, h=539km(ISC). M=3.8 USCGS, 3.7 ISC. Dc=144.9°. |

| Date | Phase | h m s | Remarks |
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| 5 | eiP ei i ei eiS Lg Rm | 03 16 00.4 16 10.4 16 15.8 17 22.5 18 42 20 06 22 32 | Greece 37.7°N 22.0°E, H=03 12 54.6, h= =34km(ISC). M=5.7 USCGS, 5.4 ISC, MLH= =5.3 Prühonice. D=14.5°. Dc=13.4°. LmN: 12s 16µ. |
| 5 | ePg | 12 49 22 | iSg 49 46.5. |
| 5 | eiPn eiPg iSg | 13 37 02.5 37 05.5 37 28.5 | |
| 5 | iP i eipP eiPP e | 14 04 07.1 04 10.1 04 24 07 07 08 33 | C. Kurile Islands 44.5°N 150.9°E, H= =13 52 12.7, h=76km(ISC). M=5.7 USCGS, 5.6 ISC, MPV=5.6(cp) Prühonice. Dc= =78.5°. PV(cp):0.9s 66mµ. |
| 5 | ePKP2 | 14 54 02 | Kermadec Islands 26.5°S 176.3°W, H= =14 33 36.8, h=23km(ISC). M=4.7 ISC, 4.6 USCGS. Dc=156.4°. |
| 5 | eP | 17 07 35 | Aleutian Islands 52.8°N 172.5°E, H= =16 55 52.7, h=48km(ISC). M=5.3 USCGS, 4.5 ISC. Dc=75.9°. |
| 5 | ePKP2 | 23 02 39 | Tonga Islands 20.4°S 173.8°W, H= =22 42 46.9, h=102km(ISC). M=4.6 USCGS, 4.3 ISC. Dc=149.6°. |
| 6 | iP eiPcP | 03 30 51.0 31 02.5 | C. Aleutian Islands 52.2°N 173.3°E, H= =03 19 03.8, h=45km(ISC). M=5.1 USCGS, 4.9 ISC, MPV=5.3(cp) Prühonice. Dc= =76.6°. PV(cp):0.7s 19mµ. |
| 6 | ePKIKP eiPKP2 | 04 39 05 39 35.5 | Kermadec Islands 27.2°S 176.3°W, H= =04 19 16.2, h=44km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=155.7°. |
| 6 | iP eiPP e | 05 44 11.5 47 18 48 54 | C. Japan 36.1°N 139.9°E, H=05 31 59.7, h=66km(ISC). M=5.7 USCGS, 5.5 ISC, MPV= =5.6(cp) Prühonice. Dc=81.6°. PV(cp): 1s 65mµ. |

| Date | Phase | h m s | Remarks |
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| 6 | eiP ei e eiPP eiSKS eiPS eL Im | 09 56 12.5 56 29.5 59 21 10 00 25 07 52 09 24 33 45 | Northern Celebes 0.5°S 119.9°E, H= =09 42 29.6, h=43km(ISC). M=5.7 ISC, 5.3 USCGS, MLH=5.7 Prühonice. D=100°, Dc=100.2°. LmH:22s 3µ. |
| 6 | eP | 13 30 58 | Aleutian Islands 51.3°N 179.8°W, H= =13 19 03.0, h=50km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=78.4°. |
| 6 | eiP | 13 42 48 | D. Aleutian Islands 50.1°N 178.2°E, H= =13 30 43.8, h=29km(ISC). M=5.1 USCGS, 4.8 ISC, MPV=5.0(cp) Prühonice. Dc=79.3°. PV(cp):1s 15mµ. |
| 6 | e | 13 59 10 | |
| 6 | eiPg ei iSg | 14 35 03.5 35 13.4 35 17.5 | D=1.1°. |
| 6 | ei | 16 01 35 | |
| 6 | ePKIKP | 20 43 54 | Fiji Islands 21.5°S 175.4°E, H= =20 24 09.2, h=6km(ISC). M=4.2 ISC, Dc=147.8°. |
| 6 | eiP | 22 02 17.5 | Kurile Islands 45.4°N 149.9°E, H= =21 50 23.6, h=24km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=77.3°. |
| 7 | eP | 04 20 03 | Greece 37.1°N 22.3°E, H=04 16 39.6, h= =36km(ISC). M=4.9 USCGS, 4.4 ISC. Dc= =14.0°. |
| 7 | e | 04 48 09 | |
| 7 | iP | 06 52 43.1 | C. Crete 35.0°N 24.4°E, H=06 48 50.6, h=44km(ISC). M=4.2 ISC, USCGS, MPV=4.2 (cp) Prühonice. Dc=16.6°. PV(cp):0.7s 14mµ. |
| 7 | e | 08 15 10 | |
| 7 | eiPg ei eiSg | 08 31 00 31 10 31 14.5 | D=1.1°. |

| Date | Phase | h m s | Remarks |
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| 7 | e | 09 33 18 | |
| 7 | eiPg ei Lm | 10 59 51 11 00 01.5 00 21 | Explosion of 12 Tons 50°37'N 14°21'E. Dc=71km(Prühonice). |
| 7 | eiPg iSg | 12 44 38.6 45 00.6 | D=1.6°. |
| 7 | e | 13 04 12 | |
| 7 | ei | 15 39 19 | |
| 7 | iPKP ei e | 18 07 44.5 07 52 09 19 | D. Fiji Islands Region 21.0°S 178.8°W, H=17 49 01.3, h=591km(ISC). M=5.5 USGGS, 4.9 ISC. Dc=149.2°. |
| 7 | eSg | 23 02 18 | Germany 48.0°N 9.5°E, H=23 00 16(BCIS). Dc=3.9°. |
| 8 | eP | 02 09 57.5 | Aleutian Islands 50.4°N 178.5°E, H= =01 57 54.2, h=29km(ISC). M=4.9 USGGS, 4.7 ISC. Dc=79.1°. |
| 8 | iPg i iSg | 12 29 49.8 29 59.3 30 05.3 | Explosion of 8.2 Tons 50°27.3'N 13°01.6' E. Dc=121km(Prühonice). |
| 8 | e | 12 57 14 | ei 57 37, iSg 58 01. |
| 8 | iPKP eipPKP | 13 10 05.0 12 23 | C. West of Tonga 17.7°S 178.6°W, H= =12 51 27.3, h=565km(ISC). M=5.3 ISC, 5.2 USGGS. Dc=146.1°. |
| 8 | iP i ePP eiS ei eSS eSSS eL Lm | 13 55 41.0 55 45.0 58 39 14 05 37 06 09 10 27 14 07 19 33.7 | C. Aleutian Islands 52.2°N 173.4°E, H= =13 43 52.6, h=37km(ISC). M=5.4 ISC. USGGS, MPV=5.4(cp), MLH=5.9 Prühonice. D=79°, Dc=76.6°. LmN:18s 5.9μ, PV(cp): 1.2s 34mμ. |
| 8 | iP ei | 14 43 01.1 43 07 | C. Aleutian Islands 52.0°N 173.3°E, H= =14 31 08.0, h=8km(ISC). M=5.3 ISC, USGGS, MPV=5.3(cp) Prühonice. Dc=76.8°. PV(cp):1.5s 36mμ. |

| Date | Phase | h m s | Remarks |
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| 8 | eiP | 15 56 10.5 | Aleutian Islands 50.5°N 177.5°E, H= =15 44 09.1, h=33km(ISC). M=4.8 USGGS, 4.6 ISC. Dc=78.8°. |
| 8 | ePg | 16 01 46 | D=1.6°. eiSg 02 08. |
| 8 | eiP | 17 55 53.3 | Aleutian Islands 52.1°N 173.2°E, H= =17 44 04.7, h=42km(ISC). M=5.0 USGGS, 4.7 ISC. Dc=76.7°. |
| 9 | eP e | 03 14 47 15 20 | Aleutian Islands 51.8°N 176.2°E, H= =03 02 57.6, h=67km(ISC). M=4.5 USGGS, 4.4 ISC. Dc=77.4°. |
| 9 | eP ei | 06 00 49 01 09.5 | Aleutian Islands 52.4°N 171.8°E, H= =05 49 02.5, h=41km(ISC). M=4.8 USGGS, 4.6 ISC. Dc=76.2°. |
| 9 | e ei ei(Sg) | 07 50 10 50 18.5 50 23 | |
| 9 | eiPg eiSg | 09 00 42 01 02 | D=1.5°. |
| 9 | iPKP2 ei ei e eSKKS eSKSP e eL Lm | 11 06 02.5 06 22 07 01 09 35 16 35 20 01 23 21 12 13 19 | C. Kermadec Islands 32.7°S 178.2°W, H= =10 45 26.9, h=37km(ISC). M=5.2 ISC, 5.1 USGGS, MLH=5.7 Prühonice. Dc=160.3°. LmH:20s 1.1μ. |
| 9 | e | 13 01 12 | |
| 9 | e ei ei eiSg | 13 01 52.5 02 31.5 02 44 03 08 | |
| 9 | eiPg eiSn eiSg | 13 58 29 58 56 59 11.5 | D=3.3°. |
| 9 | eiP | 14 44 11.2 | Japan 33.4°N 138.0°E, H=14 32 21.1, h= =331km(ISC). M=4.9 USGGS, 4.8 ISC, MPV= =4.8(cp) Prühonice. Dc=83.1°. PV(cp): 1s 15mμ. |

| Date | Phase | h m s | Remarks |
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| 9 | eP | 17 44 52 | Gulf of Alaska 59.6°N 144.7°W, H= =17 33 46.3, h=52km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=69.5°. |
| 9 | ePKP2 | 18 40 02 | Easter Island Cordillera 55.0°S 118.3°W, H=18 20 01.8, h=33km(ISC). M=5.3 ISC, USCGS. Dc=151.3°. |
| 9 | eP e ei | 23 11 33 11 47 12 20 | Aleutian Islands 51.7°N 176.7°E, H= =22 59 34.5, h=39km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=77.6°. |
| 10 | eiP i i iS i i Lg Rm Rm | 00 00 50.5 00 55.0 01 08 03 57.0 04 24.5 04 55.3 05 11 07 08.5 | C. Crete 35.1°N 24.3°E, H=23 57 02.0, h=39km(ISC). M=6.0 USCGS, 5.9 ISC, MPV= =6.2(cp), MLH=6.0, MSH=6.2 Prühonice. D=17°, Dc=16.5°. PV(cp):1.1s 867mµ, RmE:14s 68µ, RmH:10s 57µ, SH:8s 10.5µ. |
| 10 | eiP ei eS | 00 23 53.5 24 05 26 59 | C. Crete 34.9°N 24.4°E, H=00 19 59.7, h=55km(ISC). M=4.7 ISC, 4.5 USCGS, MPV= =4.4(cp) Prühonice. Dc=16.7°. |
| 10 | eiP | 01 34 18.5 | Aleutian Islands 52.8°N 172.1°E, H= =01 22 32.4, h=22km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=75.8°. |
| 10 | e | 05 48 04 | eSg 48 09.5. |
| 10 | e | 12 40 30 | |
| 10 | iPg iSg i Lm | 13 00 23.3 00 41.3 00 49.8 01 15 | D=1.4°. |
| 10 | eiP ei ei e eL Lm | 14 19 21.3 19 31.3 21 28 29 11 32.3 36.5 | D. Tadzhikistan 37.5°N 73.2°E, H= =14 11 22.8, h=35km(ISC). M=5.5 USCGS, 4.9 ISC, MPV=4.7(cp), MLH=5.3 Prühoni- ce. Dc=43.1°. PV(cp):0.7s 11mµ. LmH: 12s 2.2µ. |
| 10 | eiPKP ei | 15 06 39.3 06 44.3 | Tonga Islands 20.4°S 173.6°W, H= =14 46 49.1, h=19km(ISC). M=5.7 USCGS, 5.9 ISC. Dc=149.8°. |

| Date | Phase | h m s | Remarks |
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| 10 | iP i ei ei | 17 06 42.0 06 48 08 17 09 16 | C. Aleutian Islands 53.1°N 170.9°E, H= =16 54 56.1, h=8km(ISC). M=5.8 USCGS, 5.5 ISC, MPV=5.7(cp) Prühonice. Dc= =75.4°. PV(cp):1s 83mµ. |
| 10 | iPKIKP ei | 20 02 58.5 03 15 | D. Samoa Islands 15.9°S 171.9°W, H= =19 43 24.1, h=52km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=145.6°. |
| 10 | eiP eiPP | 21 29 10.4 30 48 | Afghanistan 37.5°N 71.7°E, H=21 21 25.7, h=110km(ISC). M=4.9 ISC, USCGS, MPV=4.7 (cp) Prühonice. Dc=42.2°. PV(cp):1s 15mµ. |
| 10 | eiPKIKP i i eipPKIKP eisPKIKP eiPP | 22 51 25 51 44 52 13.4 53 29 54 26 54 45.6 | Fiji Islands 17.8°S 178.7°W, H= =22 32 46.0, h=535km(ISC). M=5.9 USCGS, 5.7 ISC. Dc=146.2°. |
| 10 | iP | 23 02 08 | C. e 05 18. |
| 10 | eiPKIKP ei | 23 11 17 13 58 | New Hebrides 13.4°S 170.3°E, H= =22 53 04.5, h=64km(ISC). M=6.2 USCGS, 5.3 ISC. Dc=138.5°. |
| 11 | eiPKIKP iPKP2 i ei Lm | 00 31 12 32 06.3 32 16.8 35 25 01 52 | New Zealand 42.7°S 174.0°E, H= =00 11 09.5, h=12km(ISC). M=6.2 USCGS, 5.8 ISC. Dc=164.1°. |
| 11 | ePKP2 | 02 31 07 | Kermadec Islands 30.8°S 177.8°W, H= =02 10 38.3, h=41km(ISC). M=4.7 ISC, 4.6 USCGS. Dc=158.4°. |
| 11 | e | 12 02 25 | eiSg 02 58. |
| 11 | i eiSg | 12 03 54.2 03 27.7 | ei 03 22.2 |
| 11 | eiPKP ei | 13 45 38 46 11 | Tonga Islands 22.7°S 174.7°W, H= =13 25 45.8, h=33km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=151.8°. |
| 11 | eP | 14 38 44.2 | China 29.4°N 104.8°E, H=14 27 40.0, h= 0km(ISC). M=5.3 ISC, 5.1 USCGS. Dc=68.3°. |

| Date | Phase | h m s | Remarks |
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| 11 | ePKIKP eiPKP2 | 17 23 34 24 11.1 | Kermadec Islands 30.9°S 177.9°W, H= =17 03 40.7, h=28km(ISC). M=5.3 ISC, USCGS. Dc=158.7°. |
| 11 | iPKIKP i i ipPKIKP eiPP | 19 10 23.0 10 32.1 10 46.8 12 39.1 14 35 | C. Fiji Islands 26.2°S 178.6°E, H= =18 51 35.3, h=548km(ISC). M=5.6 USCGS, 5.4 ISC. Dc=153.2°. |
| 11 | iP ei | 22 43 24.1 43 37 | C. India 26.8°N 92.3°E, H=22 33 06.6, h= =70km(ISC). M=5.1 USCGS, 4.9 ISC, MPV= =5.2(cp) Průhonice. Dc=62.3°. PV(cp):0.5s 11mμ. |
| 11 | eiP | 23 56 20.6 | |
| 12 | ei | 02 47 50.5 | eiSg 47 55.5. |
| 12 | eiP e | 04 11 10.5 12 13 | Kodiak Island 56.6°N 152.8°W, H= =03 59 40.5, h=33km(ISC). M=5.3 USCGS, 4.8 ISC, MPV=5.5(cp) Průhonice. Dc= =73.3°. PV(cp):2s 73mμ. |
| 12 | eiP ei | 04 48 08.5 48 23.5 | Aleutian Islands 52.8°N 167.4°W, H= =04 36 10.8, h=8km(ISC). M=5.1 USCGS, 4.8 ISC, MPV=4.9(cp) Průhonice. Dc= =77.6°. PV(cp):1.2s 12mμ. |
| 12 | ePKP2 | 09 11 52 | Kermadec Islands 32.5°S 178.0°W, H= =08 51 15.5, h=22km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=160.4°. |
| 12 | iPg | 10 35 59 | i 35 09.5, i 35 14.5. |
| 12 | eP | 11 34 17 | Japan 36.5°N 141.1°E, H=11 22 02.4, h= =47km(ISC). M=4.6 USCGS, 4.5 ISC. Dc= =81.9°. |
| 12 | eiPKP2 | 11 43 23 | Kermadec Islands 33.0°S 178.2°W, H= =11 22 56, h=184km(ISC). Dc=160.8°. |
| 12 | iPg iSg | 12 15 18 15 34 | D=1.2°. |
| 12 | e | 12 49 16 | eiSg 49 23.5. |
| 12 | eiPg iSg | 13 05 01 05 25 | D=1.8°. |

| Date | Phase | h m s | Remarks |
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| 12 | e | 13 11 29 | e 12 32. |
| 12 | e | 15 18 54 | eiSg 19 22. |
| 12 | e | 15 58 55 | |
| 12 | eiP | 16 02 51 | Japan 36.0°N 139.9°E, H=15 50 38.6, h= 61km(ISC). M=4.9 ISC, USCGS. Dc=81.7°. |
| 12 | eP e | 19 16 43 16 50.5 | Romania 45.3°N 26.4°E, H=19 14 28.4, h= =67km(ISC). M=4.1 USCGS. Dc=9.3°. |
| 12 | ePKP2 ei | 20 46 35 47 01 | Kermadec Islands 32.4°S 178.1°W, H= =20 25 57.6, h=13km(ISC). M=5.9 USCGS, 5.2 ISC. Dc=160.0°. |
| 12 | iP ei ipP eisP e eiSP | 20 53 11.2 53 44 54 53.3 55 42.5 21 03 35 04 14 | D. Japan 30.2°N 138.7°E, H=20 41 16.6, h=425km(ISC). M=5.8 USCGS, 5.5 ISC, MPV=5(cp) Průhonice. Dc=86.1°. PV(cp): 1.3s 37mμ. |
| 12 | e | 21 38 51 | |
| 12 | iPKP2 e | 21 48 35.9 48 48 | D. Kermadec Islands 32.6°S 178.0°W, H= =21 27 58.4, h=33km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=160.4°. |
| 13 | e | 00 20 31 | |
| 13 | e | 00 35 40 | |
| 13 | e | 12 05 13 | ei 05 29, eiSg 05 33.5. |
| 13 | eP eiPcP | 15 34 58 35 08 | Aleutian Islands 51.6°N 172.1°E, H= =15 23 02.0, h=5km(ISC). |
| 13 | iPg iSg Im | 15 55 23.5 55 42.5 55 54 | D=1.5°. |
| 13 | e | 16 58 34 | |
| 13 | e eiPKP2 | 17 42 42 43 04 | Tonga Islands 26.8°S 175.9°W, H= =17 22 38.5, h=33km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=155.4°. |

| Date | Phase | h m s | Remarks |
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| 13 | iP eiPcP e | 17 57 04.3 57 16.5 59 05 | C. Kamchatka 51.8°N 158.9°E, H= =17 45 33.5, h=65km(ISC). M=4.9 USCGS, 4.7 ISC, MPV=5.0(cp) Prühonice. Dc= =74.1°. PV(cp):1s 15µ. |
| 13 | iP ei | 18 07 34.0 07 52 | C. Aleutian Islands 50.7°N 177.4°E, H= =17 55 34.0, h=35km(ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.0(cp) Prühonice. Dc= =78.7°. PV(cp):1s 15µ. |
| 13 | eiP e | 23 34 41.1 35 03.5 | D. Unimak Island 54.1°N 163.4°W, H= =23 22 56.6, h=30km(ISC). M=5.0 USCGS, 4.8 ISC, MPV=5.1(cp) Prühonice. Dc= =76.2°. |
| 14 | eiP | 02 58 08.6 | Kurile Islands 46.5°N 152.7°E, H= =02 46 11.0, h=3km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=77.3°. |
| 14 | ei ePg ei i | 04 13 47 14 19 15 10.2 15 14.2 | Switzerland 46.29°N 6.0°E, H=04 11 54, h=0km(ISC). D=6.8°. |
| 14 | eiP ei ei | 07 47 12.3 47 21 48 07 | C. Kodiak Island 56.2°N 153.5°W, H= =07 35 39.8, h=27km(ISC). M=5.0 USCGS, 4.9 ISC, MPV=4.9(cp) Prühonice. Dc=73.7°. |
| 14 | e | 10 12 38 | |
| 14 | e | 10 50 47 | |
| 14 | eP | 11 06 43 | Kamchatka 51.8°N 159.0°E, H=10 55 06.4, h=24km(ISC). M=4.5 ISC, 4.4 USCGS. Dc= =74.2°. |
| 14 | eiPg | 12 47 12.3 | D=1.7°. eiSg 47 35.3. |
| 14 | eiPKP e | 18 00 39 02 37 | Tonga Islands 20.5°S 177.7°W, H= =17 41 46.6, h=492km(ISC). M=4.3 ISC, USCGS. Dc=149.0°. |
| 14 | ePg eiSg | 19 36 28 37 06 | Poland 50.4°N 19.0°E, H=19 35 30.9, h= =0km(ISC). Dc=2.9°, D=2.9°. |
| 14 | e | 20 25 48 | |

| Date | Phase | h m s | Remarks |
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| 15 | eiP eipP e | 05 21 51 22 35 24 28 | C. Taiwan 25.0°N 122.8°E, H=05 09 50.3, h=178km(ISO). M=5.4 USCGS, 5.3 ISC, MPV=4.9(cp) Prühonice. Dc=82.0°. PV(cp): 1.2s 32µ. |
| 15 | e | 08 09 29 | |
| 15 | e | 12 44 37 | eiSg 45 31.6. |
| 15 | iPKP ei ei | 23 59 35.4 00 00 08 02 37 | C. Tonga Islands 17.7°S 173.2°W, H= =23 40 02.3, h=112km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=147.2°. |
| 16 | iPKP ei ei ePP | 00 35 34.4 35 43 36 47 39 18 | C. Tonga Islands 22.2°S 175.4°W, H= 00 15 50.5, h=99km(ISC). M=4.8 ISC, USCGS. Dc=151.2°. |
| 16 | eiPKIKP ei | 10 18 33.5 19 51 | New Hebrides 20.1°S 169.1°E, H= =09 59 06.6, h=66km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=144.0°. |
| 16 | eiP e | 14 45 52.7 46 13 | Aleutian Islands 50.6°N 177.3°E, H= =14 33 47.8, h=7km(ISC). M=5.0 USCGS, 4.8 ISC, MPV=4.9(cp) Prühonice. Dc=78.7°. PV(cp):1s 9µ. |
| 16 | iP ei eiPP e iS ei eiSS eSSS eL iPKPPKP Lm | 23 33 04.9 33 17.5 35 32 36 40 41 51 42 59 46 17 49 05 51 00 00 01 44.0 04 | D. Alaska 64.7°N 160.2°W, H=23 22 18.6, h=5km(ISC). M=5.8 ISC, USCGS, MPV=5.8 (cp). MLH=5.7 Prühonice. D=66.5°, Dc= =65.6°. PV(cp):1.5s 102µ, LmH:20s 4.7µ, SH:9s 2.5µ. |
| 17 | eiP ei e | 00 12 15 13 09 14 06 | C. Aleutian Islands 52.6°N 173.2°E, H= =00 00 29.8, h=39km(ISC). M=5.2 ISC, 5.1 USCGS. MPV=5.3(cp) Prühonice. Dc= =76.2°. PV(cp):1s 23µ. |
| 17 | e | 02 52 37 | |
| 17 | eiP ei | 02 56 34.2 58 18.5 | Mid-Indian Rise 7.1°S 67.9°E, H= =02 45 03.4, h=24km(ISC). M=5.2 ISC, USCGS. Dc=73.2°. |

| Date | Phase | h m s | Remarks |
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| 17 | eiPg iSg | 09 22 31 22 51.5 | D=1.6°. |
| 17 | eiPg i iSg | 10 13 09 13 10.3 13 23.5 | D=1.1°. |
| 17 | e | 19 19 34 | |
| 18 | eiP | 01 28 53.7 | California 42.0°N 125.9°W, H=01 16 27, h=0km(ISC). M=4.2 ISC. Dc=82.1°. |
| 18 | iP ei ei e | 06 46 23.2 46 44 47 22 55 13 | D. California 41.4°N 127.3°W, H= =06 33 57.9, h=17km(ISC). M=5.6 USCGS, 5.4 ISC, MPV=5.7(cp) Prùhonice. Dc= =83.0°. PV(cp):2s 92mμ. |
| 18 | ePKIKP eiPP ePS eSS eL Lm | 09 57 55 59 10.2 10 08 33 14 43 29 00 41.5 | South Sandwich Islands 59.7°S 26.2°W, H= =09 39 16.8, h=15km(ISC). M=5.9 USCGS, 5.7 ISC, MLH=5.9 Prùhonice. D=115°, Dc= =114.3°. LmH:21s 3.6μ. |
| 18 | ePP ei ei eL Lm | 13 01 27.2 01 39 03 32 39 45 | Sandwich Islands 59.7°S 26.2°W, H= =12 42 00.2, h=67km(ISC). M=5.8 USCGS, 5.7 ISC, MLH=6 Prùhonice. Dc=114.3°. LmH:20s 4.4μ. |
| 18 | e eiPKP2 | 14 28 03 28 20.7 | Fiji Islands 26.9°S 176.1°W, H= =14 08 01.6, h=33km(ISC). M=5.3 ISC, 5.2 USCGS. Dc=155.6°. |
| 18 | ePKP2 | 16 31 10 | Kermadec Islands 33.5°S 179°W, H= =16 11 31(ISC). Dc=160.4°. |
| 18 | e | 17 03 17 | |
| 18 | eiP ei | 18 24 00.7 24 25 | Philippine Islands 19.9°N 121.0°E, H= =18 11 31.1, h=78km(ISC). M=4.5 ISC, 4.3 USCGS. Dc=85.1°. |
| 19 | eFn eiPg iSn i iSg | 02 28 07 28 17.6 28 48.3 29 06 29 11 | Italy 46.4°N 12.7°E, H=02 27 06, h=0km (ISC). D=3.8°, Dc=3.8°. |
| 19 | ePKP ei | 02 50 08 50 18 | Tonga Islands 21.5°S 174.8°W, H= =02 30 32, h=139km(ISC). M=4.9 USCGS, 4.4 ISC. Dc=150.6°. |

| Date | Phase | h m s | Remarks |
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| 19 | iP | 06 50 46.8 | C. Mediterranean Sea 34.6°N 28.4°E, H= =06 46 33.7, h=33km(ISC). M=4.5 ISC, USCGS. Dc=18.4°. |
| 19 | ei | 08 18 45.5 | Sumatra 1.7°N 98.4°E, H=08 06 00.1, h= =54km(ISC). M=5.5 USCGS, 5.4 ISC. Dc= =84.8°. |
| 19 | iPKIKP ei | 18 37 42.8 37 56 | C. Tonga Islands 17.6°S 178.8°W, H= =18 19 01.0, h=518km(ISC). M=4.1 USCGS, 3.9 ISC. Dc=145.9°. |
| 19 | iP ei ePP eiS eiPS eSS eL Lm | 23 54 15.3 54 28 57 20 00 04 27.3 05 31 09 49 20 28.6 | C. Japan 34.8°N 138.2°E, H=23 41 59.8, h=40km(ISC). M=5.6 ISC, USCGS, MPV=5.8 (cp), MLH=6.1 Prùhonice. D=82.5°, Dc= =81.9°. PV(cp):2s 167mμ, LmH:16s 6.4μ. |
| 20 | eiP | 05 24 24 | Tibet 33.9°N 82.1°E, H=06 15 29.8, h= 89km(ISC). Dc=51.0°. |
| 20 | iP iPcP ePP | 06 54 54.8 55 06.3 57 48 | C. Aleutian Islands 52.4°N 172.0°E, H= =06 43 06.6, h=16km(ISC). M=5.5 ISC, USCGS, MPV=5.7(cp) Prùhonice. Dc=76.2°. PV(cp):1s 61mμ. |
| 20 | iP ei | 07 01 40.1 01 49.6 | C. Kamchatka 54.6°N 161.4°E, H= =06 50 17.5, h=29km(ISC). M=5.4 ISC, 5.3 USCGS, MPV=5.5(cp) Prùhonice. Dc= =72.1°. PV(cp):1s 43mμ. |
| 20 | eP | 07 06 46 | Japan 38.8°N 139.3°E, H=06 54 41.5, h= =8km(ISC). M=4.7 ISC, 4.6 USCGS. Dc= =79.1°. |
| 20 | e ei ei ei(Sg) | 12 10 45 10 50 11 20.4 11 42 | |
| 20 | iP | 15 53 12.0 | D. |
| 21 | ePKP | 06 18 07 | Tonga Islands 20.9°S 174.4°W, H= =05 58 19, h=33km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=150.1°. |

| Date | Phase | h m s | Remarks |
|------|-----------------|-----------------------|--|
| 21 | eiPKP e | 08 44 02.5 44 18 | Tonga Islands 21.0°S 174.7°W, H= =08 24 13.1, h=33km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=150.2°. |
| 21 | e | 10 45 00 | ei 45 06. |
| 21 | iPKP ei | 10 50 28.0 50 35.5 | C. Tonga Islands 21.0°S 174.0°W, H= =10 30 39.2, h=33km(ISC). M=4.8 ISC, 4.6 USCGS. Dc=150.3°. |
| 21 | eiPg iSg | 12 48 38 49 01 | D=1.7°. |
| 21 | iPg iSg | 14 00 36.4 00 50.4 | D=1.1°. |
| 21 | iPg iSg | 15 19 03.6 19 27 | D=1.7°. |
| 21 | eiP | 21 38 08.2 | Kurile Islands 44.8°N 149.2°E, H= =21 26 12.5, h=33km(ISC). M=4.7 ISC, 4.5 USCGS, MPV=5.1(cp) Prühonice. Dc= =77.7°. |
| 21 | eiP | 21 49 38.7 | Aleutian Islands 52.4°N 172.7°E, H= =21 37 50.8, h=35km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=76.3°. |
| 22 | eiPKIKP eiPP | 01 24 52 28 09 | New Celebes 14.3°S 167.3°E, H= =01 05 50.9, h=211km(ISC). M=5.3 USCGS, 5.1 ISC. Dc=138.0°. |
| 22 | eiP | 04 18 13.6 | ei 18 28. |
| 22 | e | 04 58 57 | |
| 22 | e | 12 54 41 | eiSg 55 04.5, e 55 17.5. |
| 22 | eiP | 18 37 41.5 | |
| 22 | iP ei | 18 47 54.0 48 07 | C. Aleutian Islands 51.8°N 176.2°E, H= =18 35 59.0, h=15km(ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.1(cp) Prühonice. Dc= =77.3°. PV(cp):1.5s 23mμ. |
| 23 | e | 03 14 17 | ei 14 23. |
| 23 | e | 07 36 13 | ei 36 30.5. |

| Date | Phase | h m s | Remarks |
|------|--------------------|------------------------------|---|
| 23 | e | 09 06 26 | eiSg 06 52. |
| 23 | eiPg | 12 46 30.5 | D=1.7°. eiSg 46 54. |
| 23 | eiPg eiSg | 12 47 40 48 03 | D=1.7°. |
| 23 | ei | 12 48 44 | |
| 23 | eiPg iSg | 15 28 03 28 23 | D=1.6°. |
| 23 | ePg iSg | 16 14 31 14 54.5 | D=1.7°. |
| 23 | e | 16 17 07 | e 17 55. |
| 23 | e(Pg) | 18 31 17 | eiSg 31 38. |
| 23 | eiPKIKP | 23 35 58.5 | Tonga Islands 18.9°S 172.8°W, H= =23 16 32, h=33km(ISC). Dc=148.4°. |
| 24 | ePKP2 ei | 00 25 03 25 07.5 | Kermadec Islands 32.6°S 178.5°W, H= =00 04 33.5, h=33km(ISC). M= 5.2 Wellington. Dc=161.0°. |
| 24 | e | 03 19 45 | Philippine Islands 7.4°N 126.9°E, H= =03 06 00.8, h=96km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=98.3°. |
| 24 | eiP ei | 08 15 02 15 30 | Philippine Islands 19.1°N 121.1°E, H= =08 02 27.0, h=49km(ISC). M=5.2 ISC, 5.0 USCGS. Dc=85.7°. |
| 24 | eiPg eiSg Im | 10 29 21 29 24.2 29 27 | Explosion of 5 Tons 50°10.5'N 14°23.8'E. Dc=25km(Prühonice). |
| 24 | eP | 10 32 05 | Kodiak Island 58.5°N 153.4°W, H= =10 28 48.8, h=51km(ISC). M=4.7 ISC, USCGS. Dc=71.4°. |
| 24 | ePn eiSn | 12 40 17 41 28 | Italy 44.2°N 11.9°E, H=12 38 46, h=0km (ISC). D=6°, Dc=6.0°. |
| 24 | ePKP | 14 03 35 | Tonga Islands 20.3°S 173.7°W, H= =13 43 40.1, h=2km(ISC). M=4.8 ISC, 4.7 ISC. Dc=149.7°. |

| Date | Phase | h m s | Remarks |
|------|---|---|--|
| 24 | ePg eiSg | 14 35 41 35 53.5 | D=1°. |
| 24 | ei | 16 14 38.5 | |
| 24 | eP | 20 09 21 | Hindu Kush 35.9°N 65.3°E, H= =20 01 56.3, h=37km(ISC). M=5.0 USCGS. Dc=39.0°. |
| 24 | iP | 20 24 27.0 | C. Aleutian Islands 53.0°N 171.1°E, H= =20 12 43.4, h=25km(ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.0(cp) Prùhonice. Dc=75.5°. |
| 24 | eP ePP eL Lm | 22 09 16 13 42 48 58 | Caroline Islands 11.4°N 140.1°E, H= =21 55 27.5, h=68km(ISC). M=5.7 USCGS, 5.6 ISC, MLH=5.9 Prùhonice. Dc=102.6°. LmH:20s 4.5μ. |
| 25 | eiPKP2 ePP | 00 45 52 49 32 | Kermadec Islands 32.7°S 178.3°W, H= =00 25 33.1, h=211km(ISC). M=4.8 USCGS, 4.4 ISC. Dc=160.1°. |
| 25 | iP ei i eiPP e eSS eL Lm | 01 13 24.1 13 30.0 14 14 17 08 23 28 30 46 48 52 | C. Volcano Islands 24.3°S 142.7°E, H= =01 00 15.7, h=48km(ISC). M=5.7 ISC, 5.6 USCGS, MPV=5.8(cp). MLH=5.9 Prùho- nice. Dc=93.0°. PV(cp):1.2s 52mμ, LmH: 20s 5.1μ. |
| 25 | eiPKP2 | 03 06 15.8 | D. Kermadec Islands 34.1°S 178.2°W, H= 02 45 59.0, h=246km(ISC). M=4.9 USCGS, 4.3 ISC. Dc=161.5°. |
| 25 | eiP e | 05 50 06.5 50 29 | C. Nicobar Islands 6.5°N 94.5°E, H= =05 38 19.2, h=142km(ISC). M=4.5 ISC, MPV=4.5(cp) Prùhonice. Dc=78.6°. PV(cp): 1.1s 10mμ. |
| 25 | eiP | 08 51 22.6 | Aleutian Islands 52.0°N 175.9°E, H= =08 39 33.3, h=56km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=77.1°. |
| 25 | eiP e | 10 10 31.5 11 37 | Lake Tanganyika 2.5°S 28.8°E, H= =10 01 06.6, h=5km(ISC). M=6.0 USCGS, 5.1 ISC. Dc=53.8°. |
| 25 | e | 12 03 49 | i 04 01, iSg 04 24.7. |

| Date | Phase | h m s | Remarks |
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| 25 | iP | 14 18 49.2 | C. Bonin Islands 27.3°N 141.5°E, H= =14 05 57.2, h=68km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=89.8°. |
| 25 | eiP | 14 43 33 | Kurile Islands 46.7°N 152.5°E, H= =14 31 40.7, h=20km(ISC). M=4.8 ISC, USCGS, MPV=5.0(cp) Prùhonice. Dc=77.0°. PV(cp):0.9s 12mμ. |
| 25 | eP eiPcP | 15 35 34 35 45 | Aleutian Islands 51.4°N 174.3°E, H= =15 23 35.7, h=7km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=77.6°. |
| 25 | eP | 15 44 28 | Aleutian Islands 51.4°N 174.4°E, H= =15 32 31.3, h=21km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=77.5°. |
| 25 | eP | 19 31 41 | Aleutian Islands 51.1°N 174.5°E, H= =19 19 45.2, h=21km(ISC). M=4.7 USCGS, ISC. Dc=77.8°. |
| 25 | e e | 21 27 50 28 31 | Aleutian Islands 51.5°N 176.3°W, H= =21 15 35.4, h=57km(ISC). M=5.0 USCGS, 4.7 ISC. Lj=78.7°. |
| 25 | eiP e eL Lm | 21 41 02 41 19 22 13 00 21.5 | Ryukyu Islands 29.5°N 130.7°E, H= =21 28 43.6, h=56km(ISC). M=5.2 ISC, 4.9 USCGS, MLH=5.6 Prùhonice. Dc=82.7°. LmH:16s 1.9μ. |
| 26 | eiP ei eiPP eL Lm | 02 08 24.5 08 36.8 11 09.5 35 41 | Gulf of Alaska 58.8°N 142.4°W, H= =01 57 15.9, h=37km(ISC). M=5.3 USCGS, 5.1 ISC., MLH=5.1 Prùhonice. Dc=70.0°. LmH:16s 0.9μ. |
| 26 | e | 02 36 24 | |
| 26 | ePP ei | 10 06 06 07 16.5 | Molucca Sea 1.7°S 126.7°E, H=09 47 27.7, h=29km(ISC). M=5.7 USCGS, 5.5 ISC. Dc= =105.3°. |
| 26 | e | 12 46 23 | eSg 46 47. |
| 26 | e | 13 24 16 | |
| 26 | eP ePcP | 13 38 58 39 13 | Andaman Islands 10.7°N 94.0°E, H= =13 27 08.1, h=29km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=75.1°. |

| Date | Phase | h m s | Remarks |
|------|---|--|--|
| 26 | eiPKP | 13 52 42.5 | Tonga Islands 19.7°S 173.8°W, H= =13 32 56.7, h=47km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=149.1°. |
| 26 | e | 14 53 39 | |
| 26 | eiPg e eiSg | 15 16 09 16 49 16 55 | Explosion 51°36.5'N 9°44.6'E, H= =15 05 00(Hannover). D=3.6°. |
| 26 | iP iPcP eL Lm | 20 40 51.3 41 08.5 21 11 18 | C. Alaska 54.2°N 162.5°W, H=20 29 07.5, h=51km(ISC). M=5.9 USCGS, 5.8 ISC. MPV= 6.0(cp), MLH=5.4 Prühonice. Dc=76.1°. PV(cp):1.2s 138μ, LmE:22s 1μ. |
| 26 | iP eiPP eiS ei e e eL Lm | 22 28 11.4 31 20 38 28 39 01 44 24 48 36 57 23 07.5 | D. Taiwan 21.0°N 120.7°E, H=22 15 42.0, h=29km(ISC). M=5.9 USCGS, 5.8 ISC, MPV= =6.2(cp), MLH=6.1 Prühonice. D=83.5°, Dc=84.0°. PV(cp):1s 151μ, LmH:19s 7.5μ. |
| 26 | eiP ei | 22 35 39 35 47 | Taiwan 22.2°N 120.8°E, H=22 23 19.4, h= =71km(ISC). M= 5.1 USCGS, 5.0 ISC, MPV= =5.2(cp) Prühonice. Dc=83.1°. PV(cp): 1s 15μ. |
| 26 | ePKP2 | 22 47 43.5 | Kermadec Islands 30.9°S 177.3°W, H= =22 27 08.4, h=11km(ISC). M=4.7 USCGS. Dc=158.7°. |
| 27 | eiP | 01 01 32.5 | Tadzhikistan 37.4°N 73.4°E, H= =00 53 29.8, h=23km(ISC). Dc=43.3°. |
| 27 | eiP | 02 30 32 | Japan 38.5°N 142.2°E, H=02 18 23.3, h= =51km(ISC). M=4.8 ISC, USCGS. Dc=80.6°. |
| 27 | ei | 02 53 42 | |
| 27 | eiPKIKP ei | 11 12 55 13 40 | Banda Sea 7.0°S 129.6°E. H=10 54 32.7, h=116km(ISC). M=5.9 USCGS, 5.8 ISC. Dc=111.4°. |
| 27 | e | 11 27 52 | e 28 21. |
| 27 | iPg iSg | 12 45 22 46 06.5 | D=1.8°. |

| Date | Phase | h m s | Remarks |
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| 27 | eiP i i ei eiS i eL Lm | 14 12 43.7 12 49.3 12 59.2 14 43 15 35 15 51.7 18 20 | D. Crete 35.6°N 23.5°E, H=14 09 05.6, h=37km(ISC). M=5.5 ISC, USCGS, MLH=5.4 Prühonice. Dc=15.7°. LmH:11s 14.5μ. |
| 27 | iP | 15 01 45.2 | D. Sea of Okhotsk 48.3°N 146.4°E, H= =14 50 53.9, h=417km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=73.7°. |
| 27 | e eL Lm | 20 40 37 54.5 58 | Ecuador 1.6°N 85.2°W, H=20 09 16.9, h= =17km(ISC). M=5.5 USCGS, 4.9 ISC, MLH= =5.7 Prühonice. Dc=95.4°. |
| 28 | e eiPKP2 | 10 46 48 47 04.3 | Kermadec Islands 27.4°S 175.9°W, H= 10 26 42.8, h=24km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=156.0°. |
| 28 | ePKP ei | 23 14 26.5 14 50.0 | Tonga Islands 17.0°S 173.2°W, H= =22 54 51.8, h=70km(ISC). M=4.7 USCGS. 4.1 ISC. Dc=146.5°. |
| 29 | ePg eiSg | 08 27 16 27 39 | D=1.7°. |
| 29 | eP ei Lm | 09 50 39 50 52 57 | Dodecanese Islands 37.1°N 26.9°E, H= =09 46 56.8, h=8km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=15.6°. |
| 29 | iPKIKP ei | 10 03 22.0 05 40 | D. Fiji Islands 22.1°S 179.7°E, H= =09 44 36.9, h=579km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=149.8°. |
| 29 | iPg ei Lm Lm | 11 00 58.5 01 09.5 01 25 01 38 | C. Explosion of 15 Tons 50°25'N 13°50' E. Dc=70km(Prühonice). |
| 29 | iPg iSg | 12 00 17 00 38 | D=1.6°. |
| 29 | e | 12 56 56 | eiSg 57 19. |
| 29 | eP | 14 16 34 | Komandorsky Islands 55.1°N 165.8°E, H= =14 05 07.3, h=33km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=72.5°. |

| Date | Phase | h m s | Remarks |
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| 29 | e | 14 59 06 | |
| 29 | iP i e iS i eL Lm Lm | 15 40 27.0 40 46.0 43 01 50 07.0 50 37 16 00 13 15 | D.N.W. Washington State 47.4°N 122.3°W, H=15 28 44.1, h= 60km(ISC). M=6.5 USCGS, 6.3 ISC, MPV=6.8(cp), MPH=6.5 MSH=6.9, MLH=6.6 Prühonice. D=76°, Dc=76.1°. PV(cp):2.5s 1867mμ, LmH:24s 32μ, LmH: 21s 33μ, PH:4s 1.5μ, SH:12s 17μ. |
| 29 | eiP e eiPP eipPP | 16 01 39 02 21 05 44.8 07 32.5 | D. Java Sea 5.6°S 110.2°E, H=15 48 58.9, h=524km(ISC). M=6.0 USCGS, 5.7 ISC. Dc=98.0°. |
| 29 | eiPKIKP | 16 30 56.5 | West of Tonga 16.3°S 179.0°W, H=16 11 24.6, h=33km(ISC). M=4.7 ISC. Dc=144.7°. |
| 29 | eiPKP2 | 22 52 42.5 | Kermadec Islands 33.0°S 177.6°W, H=22 32 19, h=176km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=159.9°. |
| 30 | e | 10 44 51 | ei 44 58.1. |
| 30 | eP | 11 56 52 | Venezuela 10.9°N 62.4°W, H=11 45 29.1, h=100km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=73.4°. |
| 30 | e | 12 52 41.6 | ei 52 50.7, eiSg 53 13.5. |
| 30 | eiPg | 13 16 58 | D=1.6°. iSg 17 18.5. |
| 30 | ei | 14 45 56.5 | |
| 30 | eiP | 16 12 50.6 | Aleutian Islands 51.7°N 175.1°E, H=16 00 57.3, h=24km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=77.4°. |

| Date | Phase | h m s | Remarks |
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| 1 | eP ei ei eL Lm | 02 03 29 03 40.5 04 28.8 08 09.5 | Dodecanese Islands 37.2°N 26.9°E, H=01 59 43.9, h=0km(ISC). M=4.6 ISC, 4.4 USCGS, MLH=4.2 Prühonice. Dc=15.6°. LmH:14s 1μ. |
| 1 | eiP ei | 02 09 08.7 09 13.5 | C. Alaska 60.4°N 146.0°W, H=01 58 02.9, h=13km(ISC). M=4.9 ISC, 4.6 USCGS, MPV=5.3(cp) Prühonice. Dc=68.9°. PV(cp): 0.7s 15mμ. |
| 1 | iP ePP | 02 28 14.8 31 30 | D. Japan 33.5°N 139.0°E, H=02 16 11.9, h=230km(ISC). M=4.6 USCGS, 4.5 ISC, MPV=5.0(cp) Prühonice. Dc=83.4°. PV(cp): 0.8s 28mμ. |
| 1 | eP ei ei eL Lm | 04 24 05 24 23.3 34 11 58 05 01.5 | Japan 30.9°N 141.9°E, H=04 11 17.6, h=25km(ISC). M=4.7 ISC, 4.6 USCGS, MLH=5.0 Prühonice. Dc=86.9°. LmH:14s 0.4μ. |
| 1 | eP | 13 16 41 | Mariana Islands 12.3°N 143.8°E, H=13 02 48.7, h=26km(ISC). M=5.4 ISC, 5.1 USCGS. Dc=103.7°. |
| 1 | e | 15 40 30 | ei 41 00, ei 41 16, ei 41 25.5. |
| 1 | iP ePcP | 21 38 57.6 39 17 | C. Alaska 60.3°N 145.9°W, H=21 37 52.4, h=13km(ISC). M=5.3 ISC, USCGS, MPV=5.4 (cp) Prühonice. Dc=68.9°. PV(cp):1s 23mμ. |
| 2 | eiP ei | 00 16 05 16 30.7 | Japan 30.9°N 141.9°E, H=00 03 20.0, h=20km(ISC). M=5.1 ISC, 4.9 USCGS. Dc=86.9°. |
| 2 | eP | 00 47 33 | Japan 30.9°N 141.8°E, H=00 34 50.3, h=34km(ISC). M=4.8 ISC, 4.6 USCGS. Dc=86.8°. |
| 2 | eP eiPP eL Lm | 07 26 12 29 16 55 00 59.5 | East China Sea 29.1°N 128.9°E, H=07 13 40.5, h=4km(ISC). M=5.0 USCGS, 4.9 ISC, MLH=6.2 Prühonice. Dc=82.2°. LmH:20s 9.5μ. |
| 2 | eiP | 09 05 04 | D=2.5°. eiSg 05 37.5. |
| 2 | eiP | 09 16 43 | Sakhalin Island 51.9°N 142.9°E, H=09 05 31.9, h=5km(ISC). M=5.0 USCGS, 4.5 ISC. Dc=69.5°. |

| Date | Phase | h m s | Remarks |
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| 2 | eiPKP | 11 10 55 | C. Tonga Islands 20.6°S 178.8°W; H= =10 52 14.4, h=602km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=148.8°. |
| 2 | e | 12 58 11 | |
| 2 | eiP ei | 22 37 05.5 37 20.5 | Crete 35.6°N 23.5°E, H=22 33 25 4, h=56km(ISC). M=4.6 ISC, 4.5 USCGS. Dc=15.8°. |
| 3 | eP e eS | 10 14 31 17 25 25 16 | El Salvador 13.7°N 89.1°W, H=10 01 37.1, h=18km(ISC). M=5.1 ISC, USCGS, MLH=5.9 Prühonice. D=89.5°, Dc=88.2°. LmH: 20s 4.8μ, LmH:19s 3μ. |
| 3 | iPg | 12 09 06 | D=1.1°. eiSg 09 20. |
| 3 | e | 12 45 04 | eiSg 45 28. |
| 3 | iSg | 12 46 13.5 | |
| 3 | ei | 12 59 37 | ei 59 58. |
| 3 | ePg | 13 38 44 | D=1.6°. eiSg 39 06. |
| 3 | ei i ei i i | 14 28 13.5 28 26 28 48 28 57.8 29 19.0 | Two shocks? |
| 3 | eP | 17 52 49 | Aleutian Islands 52.1°N 175.8°E, H= =17 40 58.4, h=37km(ISC). M=5.4 USCGS, 4.8 ISC. Dc=77.1°. |
| 4 | eP i eiPP eS eiSS eL Lm Lm | 08 42 54 43 01.2 44 36 49 30 52 52 57.8 59.4 09 02.5 | Kirgiziya-Sinkiang 41.7°N 79.5°E, H= =08 34 40.7, h=1km(ISC). M=5.7 USCGS, 5.4 ISC, MLH=5.8 Prühonice. D=45°, Dc= =44.7°. LmH:14s 7.2μ, LmE:18s 5.6μ. |
| 4 | ei | 09 06 40.7 | |
| 4 | e | 11 00 52 | eiSg 01 09. |

| Date | Phase | h m s | Remarks |
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| 4 | ePKIKP e | 18 23 33 23 49 | Tonga Islands 20.1°S 173.9°W; H= =18 03 58.3, h=33km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=149.4°. |
| 5 | e | 04 27 22 | |
| 5 | eiP | 05 40 47.8 | Crete 35.6°N 24.9°E, H=05 36 57.2, h= =0km(ISC). Dc=16.2°. |
| 5 | ePKIKP | 07 29 06 | West of Tonga 16.8°S 177.1°W, H= =07 09 29.9, h=33km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=145.6°. |
| 5 | ePg eiSg | 15 33 21 33 56.2 | Poland 50.3°N 18.8°E, H=15 32 29. M= =2.7(Warsaw). Dc=2.8°. |
| 5 | iP ei | 23 13 48.5 14 31 | C. Aleutian Islands 52.6°N 177.6°E, H= =23 02 02.1, h=31km(ISC). M=5.6 USCGS, 5.3 ISC, MPV=5.2(cp) Prühonice. Dc= =76.3°. PV(cp):1s 18μ. |
| 6 | e | 12 45 53 | eiSg 46 15. |
| 6 | ei | 12 46 47 | iSg 46 56.5 |
| 6 | e | 13 31 45.5 | |
| 6 | ePKIKP e | 14 42 52 44 52 | New Britain 6.1°S 149.3°E, H=14 24 01.8, h=53km(ISC). M=6.0 USCGS, 5.2 ISC. Dc= =122.1°. |
| 6 | e | 15 28 57 | |
| 6 | ei | 15 44 52 | |
| 6 | eiPg | 17 47 02.2 | D=1.6°. eiSg 47 23. |
| 7 | e ei eiSg | 01 07 49 08 13.5 08 22.5 | Poland 50.3°N 18.9°E, H=01 06 54, M=2.9 (Warsaw). Dc=2.8°. |
| 7 | e e eL Lm | 07 23 52 24 06 08 16 18.5 | LmH:17s 1.4μ. |
| 7 | iPg | 07 59 19.9 | D=2.1°. eiSg 59 47. |

| Date | Phase | h m s | Remarks |
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| 7 | eiPg | 10 43 48.5 | D=2°. iSg 44 15.4. |
| 7 | ei | 10 58 48.5 | |
| 7 | ePKP | 12 26 38 | West of Tonga 17.5°S 179.0°W, H= =12 07 58.9, h=546km(ISC). M=4.2 ISC, 4.1 USCGS. Dc=145.8°. |
| 7 | eiPg | 12 46 29.3 | D=1.7°. iSg 46 52.8. |
| 7 | e | 14 02 40 | |
| 7 | iPg | 14 17 08.3 | D=1.2°. iSg 17 25.3. |
| 7 | eiP | 14 45 59.3 | Dodecanese Islands 36.7°N 26.9°E, H= =14 42 21.7, h=162km(ISC). M=4.6 ISC, USCGS. Dc=15.9°. |
| 7 | iPg ei iSg | 15 05 55.8 06 18.8 06 35.8 | Explosion of 6.8 Tons, Germany 50.5°N 10.0°E, H=15 05 01.0(Collm). D=2.9°, Dc= =2.9°. |
| 7 | iPg | 15 55 40.8 | e 55 59, eiSg 56 03.8. |
| 7 | ePKP eiPKP2 | 16 03 26 03 58.7 | Kermadec Islands 32.5°S 178.3°W, H= =15 43 22.9, h=33km(ISC). M=4.9 ISC, 4.7 USCGS. Dc=160.1°. |
| 7 | ePKIKP eiPKP2 | 16 52 25 53 05.2 | Kermadec Islands 32.4°S 178.3°W, H= =16 32 30.7, h=33km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=160.0°. |
| 7 | e | 23 51 49 | e 52 30, ei 53 11. |
| 8 | iP ePP | 01 30 38.5 32 17 | C. Severnaya Zemlya 80.2°N 123.0°E, H= =01 22 31.8, h=33km(ISC). M=4.7 USCGS, ISC, MPV=4.5(cp) Prühonice. Dc=44.1°. PV(cp):1s 11mμ. |
| 8 | iP ei | 03 18 13.1 18 23.5 | C. Philippine Islands 18.4°N 120.3°E. H= =03 05 36.9, h=39km(ISC). M=5.6 USCGS, 5.2 ISC, 5.0 Moscow, MPV=5.2(cp) Prüho- nice. Dc=85.8°. PV(cp):1s 18mμ. |
| 8 | iPg iSg eiL Lm | 09 15 12.8 15 22.8 15 27.5 15 31 | Explosion of 11.4 Tons, 49°43'N 13°26.3'E, Dc=86km(Prühonice). |

| Date | Phase | h m s | Remarks |
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| 8 | eiPg | 09 42 36 | D=2.3°. eiSg 43 08. |
| 8 | iPg | 10 24 16.9 | D=1.5°. iSg 24 36.9, ei 24 38.9. |
| 9 | ePg | 12 05 08 | D=2.6°. eiSg 05 42. |
| 9 | ei | 12 06 23.5 | ei 06 33, eiSg 06 55.5. |
| 10 | iPKP i | 00 10 13.5 10 24.5 | D. Fiji Islands 23.3°S 179.7°W, H= =23 51 20.6, h=530km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=151.1°. |
| 10 | e | 03 47 32 | |
| 10 | e | 04 30 07 | e 30 52, e 31 31. |
| 10 | ePn eiPg e Lm | 04 42 50 43 20 43 56 44 51 | Italy 44.1°N 10.6°E, H=04 41 20, h=0km (ISC). Dc=6.5°. |
| 10 | eiPg eiSn e Lm | 04 57 17 57 59.5 58 38 58 45 | Italy 44.4°N 10.6°E, H=04 55 15, h=0km (ISC). Dc=6.4°. |
| 10 | ePn eiPg eiSn eSg | 05 04 37 05 08.5 05 48 06 26 | Italy 44.3°N 10.5°E, H=05 03 07, h=0km (ISC). M=4.6 ISC. D=6.2°. Dc=6.4°. |
| 10 | e | 05 37 42 | |
| 10 | ePg eiSg | 10 53 14.5 53 53.5 | Poland 50.2°N 19.1°E, H=10 52 21. M= =2.7(Warsaw). D=3°, Dc=3.0°. |
| 10 | e | 12 09 52 | |
| 10 | e | 12 41 02 | |
| 10 | e | 12 43 41 | eiSg 44 04. |
| 10 | e | 18 16 05 | |
| 11 | e | 11 01 16 | |

| Date | Phase | h m s | Remarks |
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| 11 | e | 13 29 27 | iSg 29.53.0. |
| 11 | e | 16 39 35 | e 40 13. |
| 11 | eP i eiPP | 17 48 35 48 51.5 50 39.5 | Alaska 61.3°N 149.5°W, H=17 37 39.1, h= =61km(ISC). M=5.5 USCGS, 5.2 ISC. Dc= =68.3°. |
| 11 | e | 18 16 47 | ei 17 13. |
| 11 | eiP ei | 22 38 11 38 19.5 | Romania 45.8°N 26.9°E, H=22 36 00.4, h= =94km(ISC). M=4.4 USCGS. Dc=9.3°. |
| 12 | eiP | 00 40 09.2 | Japan 37.8°N 139.0°E, H=00 28 19.0, h= =173km(ISC). M=4.1 USCGS, 4.0 ISC. Dc= =79.8°. |
| 12 | ePKP | 07 03 55 | West of Tonga 18.5°S 177.8°W, H= =06 45 13.3, h=563km(ISC). M=4.0 ISC, USCGS. Dc=147.1°. |
| 12 | ei ei iPP eSP eSS eSSS eL Im | 10 51 36.5 52 40 52 46.5 11 02 02 07.7 12.3 29 36 | Banda Sea 6.2°S 130.3°E, H=10 33 44.3, h=136km(ISC). M=5.8 ISC, 5.7 USCGS, MIF= =5.4 Prühonice. Dc=111.1°. |
| 12 | e | 11 31 17 | eiSg 31 50.5. |
| 12 | iPg | 11 48 10.4 | D=1.6°. iSg 48 30.9. |
| 12 | iPg | 12 49 52.9 | D=1.8°. iSg 49 16.9. |
| 12 | eiPg | 12 50 48 | D=1.9°. eiSg 51 13. |
| 12 | e | 13 40 52 | ei 41 09, ei 41 16.4. |
| 12 | ei | 14 02 39.5 | ei 02 53. |
| 12 | e | 14 13 24 | eiSg 13 47.5. |
| 12 | ePg eiSg | 14 52 08 52 47 | Poland 50.4°N 18.9°E, H=14 51 15, M= =3.0(Warsaw). D=2.7°, Dc=2.8°. |

| Date | Phase | h m s | Remarks |
|------|-----------|---------------------|---|
| 12 | eiPg | 15 01 13 | D=1.6°. ei 01 27, iSg 01 34.5. |
| 12 | e | 15 33 14 | |
| 12 | e | 15 43 10 | |
| 12 | e | 16 15 42 | ei 15 57. |
| 12 | eiP | 19 48 57.5 | Argentina 22.1°S 65.9°W, H=19 35 39.5, h=270km(ISC). Dc=100.7°. |
| 12 | e | 19 53 07 | |
| 12 | e | 20 11 52 | |
| 13 | eP ei | 00 19 22 19 32 | Puerto Rico 19.4°N 65.4°W, H=00 08 20.0, h=63km(ISC). Dc=70.0°. |
| 13 | ePg | 02 13 46 | France 48.1°N 7.1°E, H=02 12 10, h=0km (ISC). Dc=5.2°. |
| 13 | iP ePP | 02 35 55.5 39 56 | D=Southern Bolivia 19.2°S 63.8°W, H= =02 23 24.2, h=602km(ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.5(cp) Prühonice. Dc= =97.3°. PV(cp):0.8s 21mμ. |
| 13 | eP | 04 25 41 | Colombia 4.8°N 76.2°W, H=04 13 08.8, h= =126km(ISC). M=5.3 USCGS, 5.2 ISC. Dc= =86.8°. |
| 13 | e | 09 04 20 | |
| 13 | eiP | 11 00 27.7 | C. Nepal-India 29.6°N 80.2°E, H= =10 51 19.4, h=75km(ISC). M=5.1 USCGS, 4.8 ISC, MPV=5.0(cp) Prühonice. Dc= =52.6°. PV(cp):0.8s 11mμ. |
| 13 | e | 12 49 10 | eiSg 49 32.7. |
| 13 | e | 17 24 30 | |
| 13 | iP e | 19 35 08.4 36 26 | D. Japan 33.0°N 138.2°E, H=19 23 14.9, h=319km(ISC). M=4.9 ISC, 4.8 USCGS, MPV=4.8(cp) Prühonice. Dc=83.5°. PV(cp): 1s 15mμ. |
| 13 | ePKP e | 21 10 46.5 11 42 | West of Tonga 21.8°S 176.8°W, H= =20 51 27.4, h=325km(ISC). M=5.0 USCGS, 4.4 ISC. Dc=150.5°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|---------------------------------|--|
| 13 | eiP | 22 59 31.5 | South Atlantic Ridge 36.1°S 18.0°W, H= =22 46 33.0, h=33km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=90.4°. |
| 14 | ei | 10 33 08.5 | |
| 14 | e | 12 43 35 | eiSg 43 58.5. |
| 14 | e | 12 47 53 | eiSg 48 17. |
| 14 | eiP | 17 02 18.7 | Aleutian Islands 50.3°N 177.8°E, H= =16 50 16.3, h=33km(ISC). M=5.2 USCGS, 4.8 ISC. Dc=79.1°. |
| 14 | e | 17 45 06 | e 45 29. |
| 14 | iPKP | 18 29 23.1 | D. West of Tonga 20.3°S 177.7°W, H= =18 10 29.5, h=476km(ISC). M=4.5 ISC. Dc=148.8°. |
| 14 | ei | 22 12 05.8 | ei 12 12. |
| 14 | iPKP e | 23 47 09.0 49 09 | D. West of Tonga 20.6°S 178.0°W, H= =23 28 17.1, h=499km(ISC). M=5.3 USCGS, 4.5 ISC. Dc=149.0°. |
| 15 | eiPg | 09 20 13 | D=2°. ei 20 35, iSg 20 39. |
| 15 | eSg | 12 41 23 | Poland 50.4°N 18.9°E, H=12 39 52, M= =2.9(Warsaw). Dc=2.8°. |
| 15 | ePg | 16 30 13 | D=1.2°. eiSg 30 28. |
| 15 | ePKP2 | 16 59 56 | New-Zealand Region 48.1°S 165.5°E, H= =16 39 03.3, h=15km(ISC). Dc=161.4°. |
| 15 | ei | 17 03 54 | |
| 15 | eiP | 21 13 09 | Aleutian Islands 52.3°N 173.3°E, H= =21 01 18.6, h=10km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=76.5°. |
| 15 | iPKIKP epPKIKP Im | 23 52 21.6 53 28 00 56 00 | D. Tonga Islands 16.1°S 174.7°W, H= =23 33 13.1, h=257km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=145.4°. |

| Date | Phase | h m s | Remarks |
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| 16 | ePP e | 00 17 58 18 06 | New Guinea 4.1°S 135.1°E, H=23 58 35.2, h=33km(ISC). M=5.8 USCGS, 5.3 ISC. Dc= =112.5°. |
| 16 | eiP ei | 01 39 58.5 40 11 | Dodecanese Islands 35.3°N 27.8°E, H= =01 35 56.0, h=41km(ISC). M=4.6 ISC, USCGS. Dc=17.6°. |
| 16 | eiP ei e | 11 34 23.5 38 20 44 32 | C. Turkey 38.2°N 39.0°E, H=11 29 41.1, h=26km(ISC). M=4.9 ISC, USCGS, MPV=4.7 Prühonice. Dc=21.1°. PV(cp):1.3s 48mμ. |
| 16 | eiP ei eiPP | 11 49 25 49 41.5 53 32 | Philippine Islands 5.3°N 125.6°E, H= =11 35 52.1, h=93km(ISC). M=6.2 USCGS, 5.6 ISC. Dc=99.3°. |
| 16 | ei | 12 50 33.5 | |
| 16 | e | 12 51 26 | eiSg 51 51. |
| 17 | e | 13 16 23 | eiSg 16 45.6, ei 16 55. |
| 17 | ei | 13 19 36 | |
| 17 | eP | 13 35 57 | Kurile Islands 47.0°N 154.0°E, H= =13 24 05.1, h=35km(ISC). M=4.6 ISC, USCGS. Dc=77.2°. |
| 17 | ei | 14 12 31 | |
| 17 | e | 15 34 23 | ei 34 42, ei 34 50.5. |
| 17 | iP e eiPP ei ei ei ei i eiSS Q Rm | 17 31 52.3 32 20 35 18.7 36 11 37 33 38 45 41 33 42 07 42 36.7 47 41 18 00 00 15 00 | C.S.W. Taiwan 22.4°N 121.3°E, H= =17 19 32.8, h=80km(ISC). M=6.2 USCGS, 6.0 ISC, MPV=6.2(cp), MLH=6.5 Prühonice. D=83°, Dc=83.2°. PV(cp):1.5s 476mμ. RmH:20s 22μ. |
| 17 | ei | 18 01 37 | |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|--|
| 17 | eiPKP eiPKP2 | 18 25 29 25 46 | Tonga Islands 21.0°N 175.3°W, H= =18 05 52.4, h=136km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=150.1°. |
| 17 | eiP | 20 32 57.4 | Komandorsky Islands 55.0°N 165.9°E, H= =20 21 34.6, h=68km(ISC). M=5.1 USCGS, 4.9 ISC, MPV=5.1(cp) Prühonice. Dc= =72.6°. PV(cp):1s 23mμ. |
| 17 | iP | 21 36 37.0 | C. Kurile Islands 45.5°N 151.1°E, H= =21 24 44.8, h=51km(ISC). M=4.7 USCGS, ISC, MPV=4.9(cp) Prühonice. Dc=77.7°. PV(cp):1s 15mμ. |
| 18 | ei | 00 36 41.2 | |
| 18 | iP eiPcP | 01 15 48.5 16 03 | D. Madagascar 17.6°S 49.9°E, H= =01 04 17.6, h=49km(ISC). M=5.5 USCGS, 5.4 ISC, MPV=5.1(cp) Prühonice. Dc= =74.2°. PV(cp):1.5s 36mμ. |
| 18 | eiPg ei iSg | 08 00 39 00 49.5 00 51.0 | Explosion of 6.5 Tons, 50°23.6'N 13°13.4' E. Dc=104km(Prühonice). |
| 18 | eP | 10 35 39 | Gulf of Aden 13.3°N 49.7°E, H= =10 27 14.4, h=33km(ISC). M=4.5 USCGS. Dc=46.5°. |
| 18 | eiP | 11 00 58.5 | Kurile Islands 44.5°N 149.0°E, H= =10 48 59.2, h=15km(ISC). M=4.4 ISC, 4.3 USCGS. Dc=77.9°. |
| 18 | ei | 11 39 34.5 | ei 40 14, iSg 40 17.0. |
| 18 | e | 11 42 43 | ei 42 52, eiSg 42 56. |
| 18 | iPg | 11 50 15.0 | D=1.5°. iSg 50 34.0. |
| 18 | e | 12 53 09 | eiSg 53 32.5. |
| 18 | ei | 13 16 56 | |
| 18 | eiPg | 13 20 47 | D=1.3°. eiSg 21 04. |
| 18 | ePg ei iSg | 13 55 52 56 04 56 06 | D=1.1°. |

| Date | Phase | h m s | Remarks |
|------|-----------|---------------------|--|
| 18 | eiPKP | 16 56 33 | West of Tonga 19.8°S 177.5°W, H= =16 37 43.0, h=524km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=148.4°. |
| 18 | eiP e | 22 58 25.9 59 50 | C. Kurile Islands 43.6°N 146.7°E, H= =22 46 33.4, h=61km(ISC). M=5.5 ISC, 5.4 USCGS. MPV=5.3(cp) Prühonice. Dc= =77.9°. |
| 19 | eiSg | 00 08 50 | Germany 48.3°N 8.9°E, H=00 06 38.5, h= =2km, M=2.1 Stuttgart. Dc=4.1°. |
| 19 | eiPKIKP | 03 20 03 | Solomon Islands 9.1°S 158.9°E, H= =03 00 59.1, h=53km(ISC). M=5.6 USCGS, 5.4 ISC. Dc=129.7°. |
| 19 | PKP ei | 04 41 17.1 41 40 | D. Fiji Islands 22.5°S 176.2°W, H= =04 21 32.5, h=82km(ISC). M=5.5 USCGS, 5.1 ISC. Dc=151.3°. |
| 19 | ePKP | 04 58.12.5 | Fiji Islands 22.3°S 176.5°W, H= =04 38 29.3, h=90km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=151.0°. |
| 19 | eiPP | 06 21 02.8 | Sunda Strait 6.5°S 105.5°E, H= =06 04 00.2, h=83km(ISC). M=6.3 USCGS, 5.6 ISC. Dc=95.7°. |
| 19 | ei | 08 19 03.6 | |
| 19 | ei | 10 43 44.5 | |
| 19 | e | 12 57 10 | ei 57 14.5, eiSg 57 37.7. |
| 19 | ePKIKP | 14 18 45 | New Britain 4.9°S 152.4°E, H=13 59 54.7, h=65km(ISC). M=5.6 USCGS, 5.4 ISC. Dc= =122.8°. |
| 19 | iPKIKP | 16 18 52.2 | C. Tonga Islands 15.7°S 174.4°W, H= =15 59 29.0, h=138km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=145.1°. |
| 19 | eiP | 18 08 03 | Kurile Islands 45.4°N 151.8°E, H= =17 56 04.9, h=20km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=77.9°. |
| 19 | eiP ei | 22 19 08.5 20 43 | C. Aleutian Islands 51.5°N 175.4°E, H= =22 07 14.8, h=35km(ISC). M=5.3 USCGS, 5.1 ISC, MPV=5.2 Prühonice. Dc=77.5°. PV(cp):1s 18mμ. |

| Date | Phase | h m s | Remarks |
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| 19 | eiPKIKP iPKHKP i | 23 50 56.5 51 02.3 51 08.5 | D. West of Tonga 20.8°S 178.4°W, H= =23 32 10.1, h=499km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=149.2°. |
| 20 | eiPKIKP ei eiPP i e ei eiSSS eL Lm Lm | 00 59 42.2 59 51.5 01 02 30 03 27 16 07 20 52 25 59 40 00 54 00 02 00 00 | New Hebrides Islands 14.6°S 167.4°E, H= =00 40 09.8, h=3km(ISC). M=5.9 ISC, 5.6 USCGS, MLH=7.3 Prühonice. Dc=138.4°. LmH:26s 50μ, LmH:21s 48μ. |
| 20 | eiP | 02 25 32.6 | Aleutian Islands 51.3°N 173.7°E. H=02 13 39.4, h=41km(ISC). M=5.4 USCGS, 5.2 ISC. Dc=77.5°. |
| 20 | ei | 10 11 16.5 | |
| 20 | e | 10 28 09 | eiSg 28 14.5 |
| 20 | iPg | 12 18 41.5 | D=1.5°. iSg 19 00.5. |
| 20 | e | 12 47 50 | iSg 48 12, i 48 22. |
| 20 | eP e | 14 19 28 19 31 | Sumatra 1.9°N 99.2°E, H=14 06 53.4, h= =42km(ISC). M=5.5 USCGS, 4.8 ISC. Dc= =85.1°. |
| 20 | eiPg | 14 54 40 | iSg 55 00.5. |
| 20 | iPg | 15 08 45.0 | D=1.5°. iSg 09 04.0. |
| 20 | eiPKIKP ei eiPKP2 ePP | 20 57 27.5 58 14.5 58 38 21 01 55 | New Zealand 45.1°S 167.6°E, H= =20 37 41.3, h=99km(ISC). M=5.5 USCGS, 5.4 ISC. Dc=161.2°. |
| 21 | iPg iSg Lm | 08 00 35.7 00 56.2 01 08 | D=1.6°. |
| 21 | iPg iSg | 08 59 53.2 09 00 06.7 | Explosion of 3.5 Tons. 49°41.2'N 13°28.4' E. Dc=84km(Prühonice). |

| Date | Phase | h m s | Remarks |
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| 21 | iPg i eiSg | 09 22 41 22 52.5 22 55 | D=1.1°. |
| 21 | ei | 10 44 51 | ei 45 07. |
| 21 | eiPg | 13 09 32 | D=1.8°. iSg 09 56. |
| 21 | e | 13 10 55 | eiSg 11 28. |
| 21 | iPg | 13 14 09.7 | D=1.6°. eiSg 14 30.7. |
| 21 | e | 13 21 20 | |
| 21 | e | 16 16 27 | eiSg 16 38. |
| 21 | iPg | 19 28 04.4 | D=1.6°. iSg 28 25.5. |
| 21 | e | 23 47 06 | |
| 22 | eP | 03 19 45 | Molucca Passage 1.3°N 126.3°E. H= =03 05 44.2, h=27km(ISC). M=5.5 USCGS, 5.4 ISC. Dc=102.8°. |
| 22 | iPKIKP iPKHKP i eipPKIKP eisPKIKP ePP eSS | 10 50 20.0 50 27.5 50 33.1 52 36 53 33 54 00 11 12 30 | C. West of Tonga 21.1°S 178.5°W, H= =10 31 37.3, h=538km(ISC). M=5.8 USCGS, 5.5 ISC. Dc=149.4°. |
| 22 | ePg | 11 50 16 | ei 50 28. |
| 22 | eiPg | 12 28 38 | D=1.6°. eiSg 28 59. |
| 22 | ei | 15 35 46.5 | ei 35 08.5. |
| 22 | eiPg | 16 18 09 | D=1°. iSg 18 22. |
| 22 | eiP e ei | 16 20 30 22 58 23 41. | C. South Atlantic Ridge 14.1°S 13.9°W, H=16 09 29.5, h=33km(ISC). M=5.5 USCGS, 5.3 ISC, MPV=5.1(cp) Prühonice. Dc= =68.5°. PV(cp):1.6s 19μ. |
| 22 | iPg | 17 04 42.3 | D=1.2°. iSg 04 58. |

| Date | Phase | h m s | Remarks |
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| 22 | eP | 19 04 31.5 | Japan 39.8°N 142.1°E, H=18 52 27.7, h=44km(ISC). M=4.7 ISC, 4.3 USCGS. Dc=79.5°. |
| 22 | eiPn ei eiPg eiSg Lm | 20 09 15 09 33 09 45.8 10 33 11 15 | Italy 44.4°N 10.2°E, H=20 07 40.3, h=0km(ISC). Dc=6.3°. |
| 23 | eiP ei | 04 10 19 10 28 | Japan 39.7°N 143.7°E, H=03 58 05.8, h=0km(ISC). M=4.9 ISC, 4.8 USCGS. Dc=80.1°. |
| 23 | eiP ei | 07 57 33.6 58 03.5 | South Atlantic Ridge 14.1°S 13.8°W, H=07 46 33.8, h=33km(ISC). M=5.3 ISC, 5.2 USCGS, MPV=5.2(cp) Prùhonice. Dc=68.5°. PV(cp):1.2s 21mμ. |
| 23 | eiPg ei eiSg Lm | 11 38 44 39 08 39 18 39 43 | Austria 47.9°N 16.2°E, H=11 38(Vienna). D=2.6°, Dc=2.4°. |
| 23 | eiPg | 11 57 11 | D=1.8°. eiSg 57 35. |
| 23 | ei | 12 00 28 | |
| 23 | e | 12 58 17 | |
| 23 | eP ei | 16 16 53 20 25.5 | China 24.3°N 102.5°E, H=16 05 29.3, h=0km(ISC). M=5.2 ISC. Dc=70.5°. |
| 23 | e | 17 21 33 | eiSg 22 07. |
| 23 | e | 19 50 24 | ei 50 53.5, eiSg 51 30.5. |
| 23 | iP ei ei eiS eiPPS eL Lm | 23 58 04.3 00 00 42 02 46 07 47 08 47 19 00 34 00 | C. Aleutian Islands 52.2°N 175.2°E, H=23 46 14.3, h=31km(ISC). M=6.1 USCGS, 5.9 ISC, MLH=5.7, MPV=5.7(cp) Prùhonice. Dc=76.9°. LmE:18s 2.5°, PV(cp):1.7s 111mμ. |
| 24 | e | 09 26 28 | ei 26 45.2, ei 27 04.3. |
| 24 | ei | 12 49 44.6 | ei 49 08.5. |

| Date | Phase | h m s | Remarks |
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| 24 | iP | 14 00 41.2 | C. Japan 17.4°N 141.9°E, H=13 48 27.9, h=42km(ISC). M=5.0 ISC, USCGS, MPV=5.2(cp) Prùhonice. Dc=81.4°. PV(cp):1s 23mμ. |
| 24 | iPg | 14 36 37.5 | D=1.8°. iSg 37 01.0. |
| 24 | iPg | 16 33 26.0 | D=1.6°. iSg 33 46.0, ei 33 50.5. |
| 24 | iPg | 18 19 22.0 | D=1.6°. iSg 19 44.0. |
| 24 | e | 19 48 47 | |
| 24 | iP ei ei eiPP eS ei ei eiSS eL Lm | 23 34 19.6 34 32 37 08 37 56 45 07 45 39 46 45 51 50 00 09 00 20 00 | C. Philippine Islands 13.1°N 124.5°E, H=23 21 13.6, h=54km(ISC). M=5.9 USCGS, 5.7 ISC, MPV=5.3(cp) Prùhonice. Dc=92.5°. PV(cp):1.6s 26mμ. |
| 25 | eiPg ei eiSg | 03 30 12 30 31 31 01 | Germany 48.0°N 9.7°E, H=03 28 58.0, h=2km(ISC). D=3.8°, Dc=3.7°. |
| 25 | eiP e e eL Lm | 13 19 47 22 32 29 38 47 58.5 | Aleutian Islands 51.2°N 178.8°E, H=13 07 49.3, h=35km(ISC). M=5.5 USCGS, 5.4 ISC, MLH=5.6 Prùhonice. Dc=78.3°. LmE:18s 1.8μ. |
| 25 | e | 16 04 40 | |
| 25 | ePKIKP ei eL Lm | 18 54 03 54 19.7 19 38 00 45.5 | Fiji Islands 16.9°S 175.9°E, H=18 34 29.3, h=16km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=143.7°. LmE:22s 0.8μ. |
| 25 | ePKIKP | 20 32 52 | Fiji Islands 17.2°S 176.0°E, H=20 13 18.6, h=33km(ISC). M=4.6 USCGS. Dc=144.0°. |
| 26 | eiP | 01 08 28 | Kurile Islands 47.5°N 154.5°E, H=00 56 34.8, h=13km(ISC). M=4.6 ISC, USCGS, Dc=77.0°. |
| 26 | e | 09 03 46 | ei 03 55.5, Lm 04 08. |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 26 | ei | 12 47 50 | eiSg 48 26. |
| 26 | eiPg | 13 30 38.5 | D=1°. eiSg 30 53. |
| 26 | eiP e Im | 14 03 35 08 26 16 00 | Iraq 35.4°N 44.6°E, H=13 58 05.5, h= =67km(ISC). M=4.7 ISC, USCGS. Dc=26.2°. |
| 26 | e | 16 07 28 | |
| 26 | ei | 17 43 14.6 | |
| 26 | e | 18 39 40 | |
| 26 | e | 19 02 51 | |
| 26 | eiP ePP e e eiPKKP eL Im | 20 02 30 03 33 11 47 13 26 13 35.5 30 45 | South Sandwich Islands 56.2°S 27.9°W, H=19 44 09.3, h=98km(ISC). M=6.7 USCGS, 5.8 ISC, MLH=5.8 Prühonice. Dc=111.6°. ImH:20s 1.2μ. |
| 26 | iPKIKP | 23 39 15.7 | C. Kermadec Islands 28.4°S 177.9°W. H= =23 19 11.2, h=166km(ISC). M=4.1 USCGS. Dc=156.5°. |
| 26 | eiP | 23 43 59.5 | Kurile Islands 45.5°N 151.3°E, H= 23 32 04.9, h=33km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=77.8°. |
| 27 | eiPKIKP | 01 49 01 | C. Samoa Islands 15.0°S 172.0°W. H= =01 29 27.8, h=33km(ISC). Dc=144.6°. |
| 27 | e | 09 00 50 | eiSg 01 33. |
| 27 | ei | 13 51 50 | |
| 27 | eiP | 19 41 13.6 | Alaska 53.7°N 156.7°W, H=19 29 24.4, h= =29km(ISC). M=5.0 USCGS, 4.8 ISC. Dc= =76.5°. |
| 27 | iP | 22 41 40.0 | C. Aleutian Islands 52.5°N 173.7°E, H= =22 29 53.3, h=36km(ISC). Dc=76.4°. |

| Date | Phase | h m s | Remarks |
|------|------------------|----------------------------------|---|
| 28 | eiPKP | 01 11 40.2 | West of Tonga 18.7°S 177.7°W, H= =00 53 00.2, h=570km(ISC). M=3.9 ISC. Dc=147.2°. |
| 28 | e | 04 04 18 | Norwegian Sea 63.5°N 5°E, H=03 56 47, h=0km(ISC). Dc=16.0°. |
| 28 | eiP ei | 05 29 07.5 29 22.0 | Philippine Islands 20.9°N 121.1°E, H= =05 16 35.3, h=21km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=84.3°. |
| 28 | eiP | 07 15 06.5 | Kurile Islands 47.8°N 153.0°E, H= =07 03 20.6, h=33km(ISC). M=4.7 ISC, 4.6 USCGS. Dc=76.2°. |
| 28 | eiPg | 08 00 09 | D=1.4°. eiSg 00 27.5. |
| 28 | eiPKIKP e | 08 54 25.5 56 17 | Tonga Islands 15.2°S 173.3°W, H= =08 34 50.5, h=24km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=144.7°. |
| 28 | eiP e | 09 38 40 40 25 | C. Hindu Kush 36.7°N 70.0°E, H= =09 31 19.9, h=282km(ISC). M=5.0 USCGS, 4.7 ISC, MPV=4.3(cp) Prühonice. Dc=41.5°. |
| 28 | iPg iSg Im | 10 13 56.0 14 16.0 14 31 | Explosion of 5 Tons, 49°34'12"N 12°21'36"E, H=10 13 30.020(München). D=1.5°, Dc=1.5°. |
| 28 | ePg | 12 44 22 | D=1.8°. iSg 44 46.5. |
| 28 | e | 13 09 52 | iSg 10 17. |
| 28 | iPg | 13 18 40.0 | D=1.6°. iSg 19 00.0. |
| 28 | e | 14 02 08 | eiSg 02 14.0. |
| 28 | iPg i iSg | 14 32 37.0 32 49.5 32 52.5 | D=1.1°. |
| 28 | eiPg | 14 53 30.5 | D=1.7°. iSg 53 54. |
| 28 | i | 16 56 14.5 | i 56 36.0. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------|---|---|
| 28 | iPg iSg Lm | 18 05 08.0 05 29.0 05 46 | Explosion of 15.8 Tons, 50°07.8'N 12°14.2' E, Dc=167km(Prühonice). |
| 28 | ei | 18 18 13 | ei 18 28, eiSg 18 42.5. |
| 28 | eP e | 18 26 00 26 10 | Aleutian Islands 51.8°N 174.6°E, H= =18 14 12.1, h=74km(ISC). M=5.0 USCGS, 4.6 ISC. Dc=77.2°. |
| 28 | e | 20 26 10 | |
| 29 | eP e e | 01 51 31 57 25 58 22 | Mediterranean Sea 35.1°N 22.6°E, H= =01 47 48.0, h=56km(ISC). M=4.6 ISC, 4.5 USCGS. Dc=16.0°. |
| 29 | eP ei e ei eL Lm | 04 18 36 18 41 21 45 22 07 23 30 25 26 | Mediterranean Sea 35.2°N 22.6°E, H= =04 14 56.1, h=43km(ISC). M=4.7 ISC, 4.6 USCGS, MLH=4.6 Prühonice. Dc=15.9°. LmN:14s 2μ. |
| 29 | ePg e | 05 42 41 43 45 | Italy 42.9°N 12.8°E, H=05 40 20, M= =3.8(Roma). Dc=7.2°. |
| 29 | e e | 05 49 45 51 38 | Italy 42.9°N 12.8°E, H=05 47 05, M= =3.8(Roma). Dc=7.2°. |
| 29 | eiP | 12 06 25 | Colombia 6.9°N 77.6°W, H=11 53 46.5, h= =36km(ISC). M=4.6 ISC, 4.0 USCGS. Dc= =86.1°. |
| 29 | eiPn eiSn ei Lm | 13 23 14 24 33 24 47 25 49 | Italy 42.8°N 13.0°E, H=13 21 28.4, h= =50km(ISC). M=3.7 USCGS. D=7.4°, Dc= =7.3°. |
| 29 | e e | 13 37 53 39 30 | Italy 42.9°N 12.3°E, H=13 35 19, h=0km (ISC). Dc=7.3°. |
| 29 | eiPn ei Lm | 13 41 38 42 49 44 09 | Italy 42.8°N 12.8°E, H=13 39 45.7, h= =0km(ISC). M=3.9 USCGS. Dc=7.2°. |
| 29 | eiPn iPg eiSg | 14 25 06 25 13.5 25 51 | Poland 50.0°N 18.9°E, H=14 24 17.4, h= =0km(ISC). M=3.0 Warsaw. D=2.7°, Dc= =2.8°. |

| Date | Phase | h m s | Remarks |
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| 29 | ePKP eiPKP2 eiPP eL Lm | 15 56 37 57 42 16 01 27 52 00 17 17 00 | South Pacific Cordillera 58.1°S 147.3°W, H=15 36 50.1, h=203km(ISC). M=5.5 USCGS 4.8 ISC, MLH=6.6 Prühonice. Dc=166.6°. LmH:22s 1.8μ. |
| 29 | e | 16 31 25 | e 32 10. |
| 29 | ePn eiSn Lm | 17 10 35 11 51 13 04 | Italy 42.6°N 12.0°E, H=17 08 52, h= =67km(ISC). D=7.6°. Dc=7.6°. |
| 29 | e | 18 37 05 | e 37 39. |
| 29 | eiP | 19 33 08.2 | Molucca Sea 1.7°S 126.7°E, H=19 14 29.2, h=41km(ISC). M=5.1 ISC. Dc=105.5°. |
| 29 | iPg ei eiSg | 19 53 52.7 54 19 54 24 | Austria 47.9°N 16.2°E, H=19 54(Vienna). D=2.4°, Dc=2.4°. |
| 29 | e e Lm | 21 04 46 05 32 06 25 | Italy 42.9°N 12.8°E, H=21 02 12. M= =4.1(Roma). Dc=7.2°. |
| 29 | eiP | 23 01 34.6 | Iceland 63.1°N 24.6°W, H=22 56 13.2, h= =33km(ISC). M=4.4 USCGS, ISC. Dc=24.8°. |
| 30 | e | 08 59 30 | |
| 30 | eiP | 09 25 22.5 | Philippine Islands 19.1°N 121.1°E, H= =09 12 45.0, h=36km(ISC). M=4.8 ISC, 4.6 USCGS. Dc=85.7°. |
| 30 | eiPg | 12 03 50 | D=1.7°. iSg 03 13.5. |
| 30 | eiP | 13 59 46 | Jan Mayen 71.4°N 7.6°W, H=13 54 33.1, h=17km(ISC). M=4.2 ISC, 4.1 USCGS. Dc= =23.7°. |
| 30 | ei | 18 54 50 | |
| 31 | iP ei eiS eL Lm | 02 13 30.8 15 28 20 48 28 00 34 00 | D. Kashmir 32.6°N 78.0°E, H=02 04 42.9, h=28km(ISC). M=5.3 USCGS, 5.1 ISC, MLH= =5.1, MPV=5.5 Prühonice. Dc=49.2°. LmN:19s 1.5μ, PV(cp):0.7s 37mμ. |

| Date | Phase | h m s | Remarks |
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| 31 | iP i ei | 08 50 14.0 50 43 53 27 | C. Japan 35.9°N 139.8°E, H=08 38 07.3, h=118km(ISC). M=5.5 USCGS, 5.4 ISC, MPV=5.4(cp) Prühonice. Dc=81.8°. PV(cp): 1s 68mμ. |
| 31 | eiPn eiPg ei i Im | 09 24 05 24 47 25 26 25 45 26 43 | Italy 42.7°N 12.4°E, H=09 22 21, h=0km(ISC). M=4.4 USCGS. Dc=7.4°. |
| 31 | ei | 10 44 54.5 | |
| 31 | eiPn e ei Im | 11 17 21.5 18 56 19 01 20 03 | Italy 42.7°N 13.0°E, H=11 15 35, h=0km(ISC). M=4.4 USCGS. Dc=7.3°. |
| 31 | ePKIKP eiPP eSKS ei eiPS eL Im | 11 56 57 57 41.5 12 03 25 04 29.5 06 58 35 41 | Banda Sea 7.5°S 128.6°E, H=11 38 25.9, h=19km(ISC). M=6.0 USCGS, 5.8 ISC. Dc=111.1°. |
| 31 | e ei iSg | 12 41 32 41 38 42 01 | |
| 31 | eiP | 15 09 24.5 | Mid Atlantic Ridge 0.1°S 18.7°W, H=14 59 37.5, h=33km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=57.4°. |
| 31 | e | 15 44 34 | e 45 02.5. |
| 31 | iPg | 16 36 09 | i 36.20, iSg 36 24, Im 36 28. |
| 31 | e | 18 23 39.5 | |
| 31 | ei | 18 26 03 | |

| Date | Phase | h m s | Remarks |
|------|------------------------------|---|--|
| 1 | eiP iPcP | 04 43 45 44 08.0 | Burma 20.1°N 94.8°E, H=04 32 48.5, h=81km(ISC). M=5.5 USCGS, 5.2 ISC. Dc=68.7°. |
| 1 | iP i i ePP | 08 01 59.0 02 03.5 02 08.5 04 44 | Nepal 28.6°N 83.1°E, H=07 52 25.1, h=20km(ISC). M=5.3 ISC, USCGS. Dc=55.1°. |
| 1 | e | 10 47 10 | ei 47 16.2. |
| 1 | iPg iSg | 13 57 26.0 57 45.5 | D=1.5°. |
| 1 | eP eiS Im | 15 25 03 30 07 37.6 | Azores 37.9°N 26.5°W, H=15 18 36.8, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=31.5°. |
| 1 | iPg iSg | 16 36 43.3 37 00.8 | D=1.6°. |
| 1 | e | 16 58 28 | |
| 1 | eiPKIKP | 18 44 41 | Tonga Islands 15.5°S 173.5°W, H=18 25 02.3, h=3km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=145.0°. |
| 2 | eiPKIKP | 03 37 37.5 | Samoa Islands 14.7°S 172.8°W, H=03 18 05.3, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=144.3°. |
| 2 | eiPKIKP iPKHKP ipPKIKP | 05 31 45 31 52.2 34 00.5 | C. Fiji Islands 23.5°S 180°E, H=05 12 59.3, h=538km(ISC). M=5.6 USCGS, 5.4 ISC. Dc=151.3°. |
| 2 | eiPKP | 09 38 05 | Tonga Islands 18.2°S 179.4°W, H=09 19 33.4, h=639km(ISC). M=5.4 USCGS, 4.6 ISC. Dc=146.4°. |
| 2 | e | 10 24 44 | eiSg 25 01. |
| 2 | ei | 12 36 20 | |
| 2 | eiSg | 12 50 45 | |
| 2 | ePg iSg | 12 51 15 51 38 | D=1.7°. |

| Date | Phase | h m s | Remarks |
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| 2 | iPKIKP ei | 12 59 36.8 59 50 | C. Samoa Islands Region 15.7 S 173.2 W, H=12 40 03.8, h=45km(ISC). M=4.7 USCGS, 4.4 ISC. Dc=145.2°. |
| 2 | e | 14 00 31 | eiSg 01 00.5. |
| 2 | iPKIKP ei i ei eiPP | 15 04 25.0 04 43 05 43 06 54.5 08 03 | C. West of Tonga Islands 18.0°S 179.4°W, H=14 45 56.1, h=636km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=146.2°. |
| 2 | eiPg eiSg | 15 11 47 12 10.5 | D=1.8°. |
| 2 | eiPKIKP iPKHKP ipPKIKP | 15 17 02 17 05.1 19 28.2 | D. West of Tonga Islands 18.1°S 179.3°W, H=14 58 32.6, h=628km(ISC). M=5.4 USCGS, 5.2 ISC. Dc=146.3°. |
| 2 | eiPKP | 17 24 24.6 | West of Tonga Islands 18.0°S 179.1°W, H=17 05 50.7, h=632km(ISC). M=4.4 ISC, USCGS. Dc=146.3°. |
| 2 | ei i i ei | 19 15 47 15 49.1 16 09 16 23 | |
| 2 | iP i ei ei iS ei ei eL Lm | 23 50 25.2 50 38 52 23.5 54 35 58 37 59 30 00 00 11 07 12.3 | D.W.N. North Atlantic Ridge 15.9°N 46.7°W, H=23 40 23.1, h=27km(ISC). M=5.8 ISC, USCGS, MLH=5.6, MPV=6.0(cp), MSH=6.0, MPH=6.3 Prühonice. D=60.5°. Dc=59.5°. PH:4s 1μ, SH:12s 2.7μ, LmH:18s 3.8μ, PV(cp):2.6s 428mμ. |
| 3 | e | 00 04 15 | |
| 3 | ePKIKP ePP | 05 04 17 06 24 | Solomon Islands 8.8°S 157.1°E, H=04 45 13.1, h=46km(ISC). M=5.4 USCGS, 5.3 ISC. Dc=128.5°. |
| 3 | iP eiPcP ei eiPP | 07 55 28.0 55 40.3 57 15 58 21 | C. Aleutian Islands 51.9°N 175.8°E, H=07 43 38.1, h=46km(ISC). M=5.5 USCGS, 5.3 ISC, MPV=5.3(cp) Prühonice. Dc=77.2°. PV(cp):1.6s 37mμ. |

| Date | Phase | h m s | Remarks |
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| 3 | iP i ePP eL Lm | 11 08 36.8 08 47.8 11 25 29 34 | C. Dominican Republic 18.4°N 70.3°W, H=10 57 09.3, h=31km(ISC). M=5.4 ISC, 5.3 USCGS, MLH=5.1, MPV=5.3(cp) Prühonice. Dc=72.8°. LmH:22s 1μ, PV(cp):1.6s 39mμ. |
| 3 | ei | 12 35 15.8 | eiSg 36 44.8. |
| 3 | eP ei | 12 38 15 39 19 | North Atlantic Ridge 16.2°N 46.8°W, H=12 28 17.8, h=(ISC). M=4.9 ISC, USCGS. Dc=59.4°. |
| 3 | eiPg iSg | 12 49 59 50 21.0 | D=1.6°. |
| 3 | eiSg | 12 53 50 | |
| 3 | e(P) | 13 36 36 | Kurile Islands 44.8°N 150.7°E, H=13 24 24.8, h=21km(ISC). M=4.3 USCGS, 4.2 ISC. Dc=78.4°. |
| 3 | iPg | 15 45 38.4 | i 45 59, i 46 04.4. |
| 3 | iPg iSg i | 18 04 52.0 05 12.6 05 16 | D=1.5°. |
| 3 | eP ei ei eS Lm | 18 34 40 34 44 35 41 36 58 39 | Aegean Sea 39.7°N 23.2°E, H=18 31 51.0, h=33km(ISC). M=4.8 ISC, 4.7 USCGS, MLH=4.4 Prühonice. D=12°, Dc=12.0°. LmH:14s 3.8μ. |
| 3 | eiP | 20 42 16.4 | Japan 43.8°N 145.4°E, H=20 30 37.8, h=154km(ISC). M=4.7 ISC, 4.6 USCGS. Dc=77.3°. |
| 4 | eP | 00 56 14 | Ascension Island 1.6°S 16.2°W, H=00 46 25.6, h=20km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=57.8°. |
| 4 | e | 10 33 21 | |
| 4 | eiSg | 11 04 50 | |
| 4 | e | 12 19 41 | |
| 4 | ei | 12 52 23.5 | ei 53 06.5, eiSg 53 32. |

| Date | Phase | h m s | Remarks |
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| 4 | ePg eiSg | 13 31 12.5 31 38.5 | D=1.9°. |
| 4 | e eiPg eiSg | 14 06 50.5 06 58.5 07 43.5 | D=3.4°. |
| 4 | iPg iSg ei Lm | 14 30 56.0 31 07 31 12 31 17 | D. Explosion? D=93km. |
| 4 | eP ei eL Lm | 15 14 16.5 14 45 44 53 | Aleutian Islands 51.1°N 178.5°E, H= =15 02 14.3, h=9km(ISC). M=5.3 USCGS, 5.2 ISC, MLH=5.1 Prùhonice. LmH:17s 0.7μ. Dc=78.3°. |
| 4 | eiPKP2 | 15 46 56.5 | Kermadec Islands 29.9°S 178.8°W, H= =15 26 53.4, h=215km(ISC). M=5.3 USCGS, 5.1 ISC. Dc=157.6°. |
| 4 | eiPKP | 17 43 34 | West of Tonga Islands 20.9°S 178.1°W, H=17 24 47.6, h=556km(ISC). M=5.2 USCGS, 4.4 ISC. Dc=149.3°. |
| 5 | eiPg ei eiSg iL Lm | 03 46 30.5 46 32.5 46 34.9 46 39.5 46 42.5 | D=38km. |
| 5 | e eiPP | 04 07 39 07 49 | Molucca Sea 1.6°S 126.6°E, H=03 49 01.9, h=23km(ISC). M=5.5 USCGS, 5.3 ISC. Dc= =105.4°. |
| 5 | e | 07 30 13 | iSg 30 34.8. |
| 5 | iPg iSg | 08 20 05.5 20 29.5 | D=1.8°. |
| 5 | e eiSg | 10 25 10 25 35 | Poland 50.3°N 18.8°E, H=10 24 04, M=2.7(Warsaw). Dc=2.7°. |
| 5 | iPKIKP | 11 32 49.8 | D. Tonga Islands 16.0°S 174.6°W, H= =11 13 47.3, h=297km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=145.3°. |
| 5 | eP | 14 22 07 | |

| Date | Phase | h m s | Remarks |
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| 5 | iPg iSg | 14 27 23.5 27 41.5 | D=1.4°. |
| 5 | e ei | 15 37 39 38 13 | |
| 6 | eP | 11 33 40 | Taiwan 22.8°N 121.4°E, H=11 21 18.8, h=48km(ISC). M=4.8 USCGS. Dc=83.0°. |
| 6 | eiPg eiSg | 11 56 40 57 03 | D=1.7°. |
| 7 | e | 07 15 02 | Lm 15 21.5. |
| 7 | e | 09 44 41 | e 45 00. |
| 7 | ePKIKP e | 13 35 04 35 25 | West of Tonga Islands 16.5°S 178.8°W, H= =13 15 27.9, h=33km(ISC). M=4.4 USCGS, 4.3 ISC. Dc=144.9°. |
| 7 | eiP e | 13 52 05 52 35 | Ethiopia 11.5°N 41.5°E, H=13 43 57.8, h=42km(ISC). M=5.1 USCGS, 4.9 ISC. Dc= =44.4°. |
| 7 | eiPKP | 15 31 33 | West of Tonga Islands 17.7°S 178.9°W, H=15 12 54.7, h=568km(ISC). M=5.2 USCGS, 4.4 ISC. Dc=146.0°. |
| 7 | ePg ei(Sg) | 15 46 02 46 35.6 | Poland 50.4°N 19.1°E, H=15 45 01, h=0km (ISC). Dc=2.9°. |
| 7 | e | 20 32 26 | eiSg 32 32.4. |
| 7 | eiPg eiSg | 22 36 40 37 02 | D=1.6°. |
| 8 | e(Pg) | 09 34 38 | eiSg 34 49. |
| 8 | ePg eiSg | 12 49 07 49 30 | D=1.7°. |
| 8 | ei | 13 15 44.5 | |
| 8 | e e eL Lm | 14 04 18 10 08 22 34 | Gulf of California 23.5°N 108.5°W, H= =13 50 01.2, h=46km(ISC). M=5.1 USCGS, 4.9 ISC. |

| Date | Phase | h m s | Remarks |
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| 8 | e | 15 44 14 | ei 44 25, ei 44 29. |
| 8 | eiPg eiSg Im | 17 29 21.5 29 41.5 29 47 | D=1.5°. |
| 8 | eiPg | 19 24 04.5 | ei(Sg) 24 24. |
| 8 | e e eiSg | 21 58 34.5 59 06.5 59 41 | Italy 44.7°N 9.0°E, H=21 56 11(BCIS). Dc=6.5°. |
| 8 | eiP | 23 36 18.5 | C. Kurile Islands 46.7°N 152.6°E, H= =23 24 31.1, h=59km(ISC). M=5.1 USCGS, 4.9 ISC, MPV=5.2(cp) Prühonice. Dc= =77.0°. PV(cp):0.7s 14mμ. |
| 9 | ePg eiSg | 13 06 46 07 12.6 | D=2°. |
| 9 | eiP ei | 13 38 41.4 38 50.5 | D. Aleutian Islands 52.5°N 173.3°E, H= =13 26 51.6, h=17km(ISC). M=5.6 USCGS, 5.1 ISC, MPV=5.1(cp) Prühonice. Dc= =76.3°. PV(cp):1s 15mμ. |
| 9 | eiPg eiSg | 14 03 56 04 16 | D=1.5°. |
| 9 | ePg eiSg | 15 31 13 31 39 | D=2.0°. |
| 9 | ePKP2 | 16 15 08 | Kermadec Islands 31.9°S 179.4°W, H= =15 54 52.1, h=168km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=159.0°. |
| 9 | eiPKP eiPKP2 | 17 18 04.4 18 27 | Tonga Islands 19.1°S 175.6°W, H= =16 58 47.9, h=269km(ISC). M=5.4 USCGS, 4.7 ISC. Dc=148.2°. |
| 10 | e | 04 09 29 | ei 09 35. |
| 10 | eiPKP | 04 55 11 | Tonga Islands 18.0°S 174.5°W, H= =04 35 42.0, h=143km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=147.3°. |
| 10 | eiP ei | 05 56 43 57 45 | Hindu Kush 36.1°N 70.5°E. H=05 48 56.8, h=85km(ISC). M=5.8 USCGS, 5.2 ISC, MPV= =4.7(cp) Prühonice. Dc=42.2°. PV(cp): 1.2s 17mμ. |

| Date | Phase | h m s | Remarks |
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| 10 | eiPg | 08 22 07 | i 22 17.5, i 22 22.0. |
| 10 | e | 09 35 05 | eiSg 35 42. |
| 10 | iPg i iSg | 10 35 09.5 35 13 35 32.2 | D=1.6°. |
| 10 | ei | 11 02 53.5 | ei 03 11.5, ei 03 24. |
| 10 | e | 11 15 16.5 | ei 15 38. |
| 10 | ei | 11 36 31.5 | |
| 10 | i | 12 50 23.5 | |
| 10 | ei | 13 05 17 | |
| 10 | e | 13 31 44 | ei 31 53, ei 32 14.5, iSg 32 22. |
| 10 | iPg iSg | 15 13 59 14 21.5 | D=1.6°. |
| 10 | eiP | 15 27 57.5 | D. Dodecanese Islands 36.4°N 26.6°E, H=15 24 17.1, h=142km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=16.1°. |
| 10 | eP | 20 39 49 | North Atlantic Ridge 46.6°N 27.6°E, H= =20 34 01.8, h=47km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=27.9°. |
| 11 | iP iPcP eiPP | 02 49 27.0 49 36.5 52 20 | C. Aleutian Islands 51.8°N 174.2°E, H= =02 37 35.0, h=32km(ISC). M=5.6 ISC, 5.5 USCGS, MPV=5.5(cp) Prühonice. Dc= =77.1°. PV(cp):1.1s 44mμ. |
| 11 | ePKP | 03 40 20 | Tonga Islands 16.9°S 174.1°W, H= =03 20 48.7, h=95km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=146.3°. |
| 11 | iP e ei iPP i iS eiSS ei eL Im | 03 45 39.0 45 56.9 47 40.0 48 52.0 54 58 55 28 04 00 37 04 58 13 17.5 | C.S. Kurile Islands 44.4°N 148.8°E, H= =03 33 45.9, h=58km(ISC). M=6.0 ISC, USCGS, MLH=7.3, MPV=6.3(cp) Prühonice. D=78°, Dc=77.9°. PV(cp):1.5s 536mμ. ImH:25s 170μ. |

| Date | Phase | h m s | Remarks |
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| 11 | eiP | 03 52 57.5 | Kurile Islands 44.3°N 149.0°E, H= =03 41 01.2, h=33km(ISC). M=5.7 USCGS, 5.5 ISC. Dc=78.1°. |
| 11 | iP | 03 56 42.5 | C. Kurile Islands 44.5°N 149.1°E, H= =03 44 35.6, h=53km(ISC). M=5.4 USCGS, 5.0 ISC. |
| 11 | iP | 04 04 53.0 | C. Kurile Islands 44.0°N 149.6°E, H= =03 52 57.6, h=65km(ISC). M=5.4 USCGS, 5.1 ISC. MPV=5.8(cp) Prühonice. Dc= =78.5°. PV(cp):2.2s 160m μ . |
| 11 | iP | 04 12 42.0 | C. Kurile Islands 44.2°N 149.2°E, H= =04 00 45.2, h=40km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=78.2°. |
| 11 | iP | 04 15 12.5 | Kurile Islands 43.8°N 149.5°E, H= =04 03 15.4, h=64km(ISC). M=5.4 USCGS, 5.0 ISC. Dc=78.7°. |
| 11 | eiP ei | 04 26 47.5 27 03 | Kurile Islands 44.3°N 149.1°E, H= =04 14 51.4, h=46km(ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.6(cp) Prühonice. Dc= =78.1°. PV(cp):1.2s 56m μ . |
| 11 | iPg eiPcP | 04 56 51.0 57 00.5 | C. Kurile Islands 44.4°N 149.6°E, H= =04 44 53.7, h=37km(ISC). M=5.7 USCGS, 5.3 ISC, MPV=5.9(cp) Prühonice. Dc= =78.2°. PV(cp):1.4s 129m μ . |
| 11 | eiP | 05 09 53 | Kurile Islands 44.4°N 149.6°E, H= =04 57 53.1, h=15km(ISC). M=4.4 ISC, 4.2 USCGS. Dc=78.2°. |
| 11 | eiP | 05 11 34.5 | Kurile Islands 44.2°N 149.8°E, H= =04 59 35.0, h=33km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=78.4°. |
| 11 | eiP | 05 23 22.5 | |
| 11 | eiP | 05 38 49.5 | Kurile Islands 44.8°N 149.9°E, H= =05 26 49.4, h=8km(ISC). M=4.3 USCGS, 4.2 ISC. Dc=77.9°. |
| 11 | eP | 05 56 57 | Kurile Islands 44.3°N 149.7°E, H= =05 44 59.4, h=36km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=78.3°. |

| Date | Phase | h m s | Remarks |
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| 11 | eiP ei | 06 09 08 09 27 | Kurile Islands 44.3°N 149.6°E, H= =05 57 05.9, h=11km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=78.3°. |
| 11 | iP eiPcP | 07 23 01.5 23 13 | C. Kurile Islands 44.3°N 149.3°E, H= =07 10 59.4, h=5km(ISC). M=5.6 USCGS, 5.5 ISC, MPV=5.7(cp) Prühonice. Dc= =78.2°. PV(cp):1.2s 73m μ . |
| 11 | iP ei | 07 39 42.0 41 43.7 | C. Kurile Islands 44.1°N 149.7°E, H= =07 27 41.1, h=20km(ISC). M=5.5 USCGS, 5.3 ISC, MPV=5.7(cp) Prühonice. Dc= =78.5°. PV(cp):2.0s 133m μ . |
| 11 | iP iPcP eL Lm | 08 52 57.5 53 10 09 19 24.5 | C. Kurile Islands 44.2°N 149.1°E, H= =08 40 59.2, h=33km(ISC). M=5.5 USCGS, 5.3 ISC, MLH=5.8 Prühonice. Dc=78.1°. LmH:25s 5.6m μ . |
| 11 | eiP | 09 08 45.5 | Kurile Islands 44.1°N 149.2°E, H= =08 56 47.8, h=40km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=78.3°. |
| 11 | eP | 09 19 56 | Kurile Islands 44.1°N 149.7°E, H= =09 07 55.9, h=33km(ISC). M=4.4 USCGS, 4.3 ISC. Dc=78.5°. |
| 11 | eiP | 10 11 30 | Kurile Islands 44.2°N 149.1°E, H= =09 59 33.2, h=40km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=78.2°. |
| 11 | iP | 10 28 36.2 | C. Kurile Islands 44.5°N 149.3°E, H= =10 16 40.1, h=40km(ISC). M=5.2 USCGS, 5.1 ISC, MPV=5.4(cp) Prühonice. Dc= =78.0°. PV(cp):1.5s 50m μ . |
| 11 | iP | 10 31 46.0 | C. Kurile Islands 44.4°N 149.6°E, H= =10 19 47.7, h=34km(ISC). M=5.4 USCGS, 5.0 ISC. Dc=78.2°. |
| 11 | eiP | 10 33 35 | Kurile Islands 44.7°N 149.7°E, H= =10 21 39.8, h=33km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=77.9°. |
| 11 | eiPn ei ei eiSn | 10 44 32 44 34.6 44 50 45 07 | Austria 47.5°N 12.6°E, H=10 43 47, h= =0km(ISC). D=2.8°, Dc=2.8°. |

| Date | Phase | h m s | Remarks |
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| 11 | eiP eiPcP | 10 53 07.5 53 20.2 | Kurile Islands 44.3°N 149.6°E, H= =10 41 06.8, h=15km(ISC). Dc=78.2°. |
| 11 | eiP i eL Im | 12 11 59 12 06 38 43.5 | Kurile Islands 44.2°N 149.3°E, H= =11 59 57.0, h=2km(ISC). M=5.3 USCGS, 5.1 ISC, MLH=5.8 Prühonice. Dc=78.2°. LmH:25s 5μ. |
| 11 | eiPg ei eiSg | 12 39 46 40 11.5 40 15 | D=2.3°. |
| 11 | eiP | 12 58 43 | Kurile Islands 46.0°N 149.7°E, H= =12 46 59.7, h=93km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=76.8°. |
| 11 | eP | 13 06 23 | Kurile Islands 44.2°N 150.1°E, H= =12 54 23.5, h=33km(ISC). M=4.3 ISC, 4.1 USCGS. Dc=78.5°. |
| 11 | ei | 14 00 49.4 | ei 01 11. |
| 11 | e | 14 40 30 | e 40 56. |
| 11 | eP | 14 43 53 | Kurile Islands 49.4°N 155.9°E, H= =14 32 10.7, h=33km(ISC). M=4.6 USCGS, ISC. Dc=75.6°. |
| 11 | ei | 14 47 49 | |
| 11 | eiP | 15 51 30.3 | Kurile Islands 44.3°N 149.2°E, H= =15 39 32.2, h=25km(ISC). M=4.7 ISC, USCGS. Dc=78.2°. |
| 11 | eP | 17 24 07 | Kurile Islands 44.4°N 149.1°E, H= =17 12 10.7, h=46km(ISC). M=4.5 ISC, USCGS. Dc=78.0°. |
| 11 | iP | 20 56 17.2 | C. Kurile Islands 44.3°N 149.1°E, H= =20 44 20.6, h=38km(ISC). M=4.9 USCGS, 4.7 ISC, MPV=5.0(cp) Prühonice. Dc= =78.1°. PV(cp):1s 12mμ. |
| 12 | e | 01 00 10 | e 00 34, ei(Sg) 00 41.7. |
| 12 | eP | 02 15 01 | Kurile Islands 44.2°N 149.1°E, H= =02 03 03.5, h=33km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=78.2°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|--|
| 12 | eiP ei | 03 21 44.3 22 13 | Kurile Islands 44.1°N 149.2°E, H= =03 09 44.5, h=25km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=78.3°. |
| 12 | eiPg ei iSg | 05 14 02 14 36 14 40 | D=2.9°. |
| 12 | eP | 05 20 42 | Kurile Islands 45.3°N 151.2°E, H= =05 08 45.6, h=37km(ISC). M=3.8 USCGS, Dc=77.9°. |
| 12 | eiP eiPP | 05 40 22.5 43 18 | Kurile Islands 44.8°N 149.5°E, H= =05 28 24.4, h=5km(ISC) M=4.8 ISC, 4.3 USCGS. Dc=77.8°. |
| 12 | iP | 05 40 37.5 | Kurile Islands 44.4°N 149.7°E, H= =05 28 35.8, h=5km(ISC). M=5.5 USCGS, 5.4 ISC. Dc=78.2°. |
| 12 | iP eiPcP | 05 52 56.0 53 08 | C. Kurile Islands 44.1°N 149.2°E, H= =05 40 54.4, h=12km(ISC). M=5.8 USCGS, 5.6 ISC, MPV=5.7(cp) Prühonice. Dc= =78.3°. PV(cp):1s 61mμ. |
| 12 | eiP eiPcP | 06 15 31 15 44.5 | Kurile Islands 44.1°N 149.1°E, H= =06 03 30.3, h=17km(ISC). M=5.2 ISC, USCGS. Dc=78.3°. |
| 12 | iP ei | 06 58 23.5 58 42 | C. Kurile Islands 44.1°N 149.2°E, H= =06 46 23.1, h=17km(ISC). M=5.0 USCGS, 4.6 ISC, MPV=5.3(cp) Prühonice. Dc= =78.3°. PV(cp):1.5s 37mμ. |
| 12 | eiPKP | 07 11 21.5 | Tonga Islands 20.8°S 174.1°W, H= =06 51 40.6, h=104km(ISC). M=5.0 USCGS, 4.5 ISC. Dc=150.1°. |
| 12 | eP | 08 03 10 | Kurile Islands 44.1°N 149.0°E, H= =07 51 12.2, h=33km(ISC). M=4.2 USCGS, 4.1 ISC. Dc=78.2°. |
| 12 | eP | 08 13 54 | Kurile Islands 43.9°N 149.0°E, H= =08 01 56.4, h=33km(ISC). M=4.2 USCGS, 4.1 ISC. Dc=78.4°. |
| 12 | iPg iSg Im | 09 01 33.0 01 36.5 01 40 | Explosion of 14 Tons 49°56.6'N 14°58.3' E. Dc=30.5km. |

| Date | Phase | h m s | Remarks |
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| 12 | eiPg ei iSg | 10 39 09 39 21 39 24 | D=1.1°. |
| 12 | iPg iSg | 12 32 10.4 32 27.0 | D=1.3°. |
| 12 | eiPg iSg | 12 48 43 49 06 | D=1.7°. |
| 12 | e | 14 44 13 | |
| 12 | iPg eiSg | 14 56 31.0 56 50 | D=1.5°. |
| 12 | eP | 18 08 13 | Sunda Strait 6.1°N 105.5°E, H= =17 54 50.5, h=36km(ISC). M=4.9 ISC, 4.8 USCGS. Dc=95.2°. |
| 12 | eP | 18 54 35 | Kurile Islands 44.2°N 148.9°E, H= =18 42 38.3, h=39km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=78.1°. |
| 12 | iP ei | 18 57 41.4 58 07 | C. Kurile Islands 44.1°N 149.2°E, H= =18 45 43.5, h=34km(ISC). M=5.6 USCGS, 5.2 ISC, MPV=5.3(cp) Prùhonice. Dc=78.3° PV(cp):1s 23mμ. |
| 12 | eiP e ei | 19 03 54 06 48 08 01 | Northern Chile 20.5°S 69.3°W, H= =18 50 11.4, h=101km(ISC). M=5.8 USCGS, 5.7 ISC. Dc=101.5°. |
| 12 | eP | 19 24 37 | |
| 12 | iP eiPcP | 22 28 41.9 28 54.5 | C. Kurile Islands 44.3°N 149.2°E, H= =22 16 43.9, h=23km(ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.5(cp) Prùhonice. Dc= =78.1°. PV(cp):1.5s 55mμ. |
| 13 | iP eiPcP | 02 32 49.4 33 01 | C. Kurile Islands 44.2°N 149.3°E, H= =02 20 51.1, h=34km(ISC). M=5.5 USCGS, 5.2 ISC, MPV=5.3(cp) Prùhonice. Dc= =78.2°. PV(cp):1.5s 36mμ. |
| 13 | eP | 04 29 27 | Afghanistan 33.6°N 69.3°E, H=04 21 28.6, h=42km(ISC). M=4.9 USCGS, 4.7 ISC. Dc= =43.0°. |

| Date | Phase | h m s | Remarks |
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| 13 | iP eiPcP i eiPP eiS eL Im | 07 18 12.2 18 22 18 36.3 21 20 28 05.3 41 56 | C.S. Japan 41.7°N 143.6°E, H=07 06 13.9, h=37km(ISC). M=6.0 USCGS, 5.7 ISC, MPV= =5.7(cp), MLH=6.3 Prùhonice. D=79°, Dc= =78.4°. PV(cp):1.8s 120mμ. ImN:19s 10μ. |
| 13 | e | 11 56 28 | ei 56 50.7, ei 57 14, ei(Sg) 57 32.3. |
| 13 | e | 12 48 47 | ei 49 20. |
| 13 | ePn eiPg eiSg | 14 57 12 57 20.7 57 55.3 | Poland 50.3°N 18.9°E, H=14 56 27.4, h= =2km(ISC). D=2.7°, Dc=2.8°. |
| 13 | eiP | 17 41 13.6 | Philippine Islands 21.0°N 120.1°E, H= =17 28 45.0, h=30km(ISC). M=4.2 USCGS, Dc=83.7°. |
| 13 | eiP | 18 09 42.5 | Kurile Islands 44.3°N 149.3°E, H= =17 57 41.2, h=4km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=78.2°. |
| 13 | eiP ei ei eiS Q Qm Rm | 20 05 34.6 05 40 06 13.5 08 46 09 38 11 17 12 40 | Turkey 37.8°N 29.3°E, H=20 01 50.8, h= =33km(ISC). M=5.3 USCGS, 5.1 ISC, MLH= 5.7 Prùhonice. D=17.5°, Dc=16.1°. QmN: 18s 20μ, RmN:10s 15μ. |
| 14 | eP ei | 07 44 06 44 33.5 | Atlantic India Ridge 39.8°S 45.5°E, H= =07 30 44.9, h=33km(ISC). M=5.7 ISC, 5.5 USCGS. Dc=93.5°. |
| 14 | eP | 09 52 27 | Off Coast of Oregon 44.6°N 129.6°W, H= =09 40 06.2, h=7km(ISC). M=5.4 USCGS, 5.0 ISC. Dc=80.7°. |
| 14 | eiP | 10 09 32.0 | Kurile Islands 44.8°N 149.2°E, H= =09 57 35.0, h=16km(ISC). M=4.4 ISC. 4.2 USCGS. Dc=77.7°. |
| 14 | iPg | 12 16 06.5 | D=1°. iSg 16 20. |
| 14 | e | 12 43 38 | eiSg 43 05. |
| 14 | e | 12 54 16 | ei 54 28, iSg 54 40. |

| Date | Phase | h m s | Remarks |
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| 14 | eiP | 13 26 38 | Tibet 32.1°N 87.6°E, H=13 17 02.4, h=36km(ISC). M=5.6 USCGS, 5.2 ISC. Dc=55.7°. |
| 14 | iP | 16 57 29.0 | D. Central Mid- Atlantic Ridge 8.3°N 37.9°W, H=16 47 26.3, h=63km(ISC). M=5.2 ISC, USCGS, MPV=5.2(cp) Prühonice. Dc=60.1°. PV(cp):1.2s 31mµ. |
| 14 | eiPg eiSg | 19 14 37.5 14 57.5 | D=1.5°. |
| 14 | e | 22 28 45 | eiSg 28 59. |
| 15 | eiP | 01 10 03.5 | Kamchatka 53.8°N 160.4°E, H=00 58 38.0, h=33km(ISC). M=4.5 ISC, USCGS. Dc=72.7°. |
| 15 | eiP | 01 57 10.5 | Kurile Islands 44.3°N 149.3°E, H=01 45 10.7, h=17km(ISC). M=4.8 USCGS 4.7 ISC. Dc=78.2°. |
| 15 | eiP ei | 04 58 18 38 35 | D. Aleutian Islands 50.1°N 178.3°E, H=04 46 13.8, h=26km(ISC). M=5.5 USCGS, 5.3 ISC, MPV=5.3(cp) Prühonice. Dc=79.3°, PV(cp):1.5s 38mµ. |
| 15 | eiP ei | 08 09 41 10 02.5 | India - China 29.7°N 95.5°E, H=07 59 19.9, h=30km(ISC). M=5.6 USCGS, 5.3 ISC, MPV=5.4(cp) Prühonice. Dc=62.3°. PV(cp):1.5s 33mµ. |
| 15 | iPKP2 ei | 09 41 13.5 41 28 | D. New Zealand Region 37.9°N 177.5°E, H=09 20 30.3, h=65km(ISC). M=6.2 USCGS, 5.4 ISC. Dc=165.0°. |
| 15 | iPn iPg iSn iSg | 10 11 28.5 11 31.0 11 41.5 11 44.0 | D=1.1°. |
| 15 | eiSg | 12 01 26 | Lm 01 47. |
| 15 | eiP | 13 04 09 | Kurile Islands 44.5°N 149.4°E, H=12 52 08.2, h=5km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=78.0°. |
| 15 | eiP | 13 21 17.5 | Kurile Islands 44.1°N 149.5°E, H=13 09 17.5, h=18km(ISC). M=4.4 ISC, USCGS. Dc=78.4°. |

| Date | Phase | h m s | Remarks |
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| 15 | eP | 13 30 44 | Kurile Islands 44.1°N 149.4°E, H=13 18 44.3, h=33km(ISC). M=4.4 ISC, 4.3 USCGS. Dc=78.4°. |
| 15 | eP ei Lm | 14 30 58 31 05 15 02.5 | Kurile Islands 44.7°N 149.5°E, H=14 18 44.3, h=33km(ISC). M=4.8 ISC, 4.6 USCGS, MLH=5.4 Prühonice. Dc=78.2°. LmH:24s 1.9µ. |
| 15 | eP | 16 19 13 | Kurile Islands 43.3°N 149.6°E, H=16 07 15.8, h=135km(ISC). |
| 15 | iP ei eS e Lm | 16 49 43.1 50 05.5 56 33 17 00 15 11 | C. Eastern Gulf of Aden 14.1°N 51.7°E, H=16 41 15.8, h=47km(ISC). M=5.2 ISC, 5.1 USCGS, MPV=5.1(cp), MLH=4.8 Prühonice. Dc=46.8°. PV(cp):15s 26mµ. LmN:22s 1µ. |
| 15 | eiP | 19 14 11 | Aleutian Islands 51.7°N 174.2°W, H=19 02 12.2, h=37km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=78.4°. |
| 15 | ePKIKP ei ei e eSSS eL Lm | 23 30 06 30 16 31 25 48.3 57 57 00 17 34 | D. New Hebrides Region 20.8°S 173.7°E, H=23 10 27.6, h=33km(ISC). M=5.7 USCGS, 5.5 ISC, MLH=6.4 Prühonice. Dc=146.5°. LmH:24s 6.8µ. |
| 16 | ePKIKP ePP e eL Lm | 04 14 44 17 36 19 19 05 10 20 | Easter Island Cordillera 34.4°S 112.2°W, H=03 55 27.2, h=120km(ISC). M=5.7 USCGS, 4.9 ISC. Dc=138.5°. |
| 16 | eP ePP | 05 10 17 13 44 | Japan 29.5°N 142.0°E, H=04 57 29.4, h=37km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=88.2°. |
| 16 | e | 07 14 45 | ei 14 58, ei 15 22.5, e 15 50. |
| 16 | eiP | 07 52 28 | Kurile Islands 44.2°N 149.5°E, H=07 40 25.7, h=9km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=78.3°. |
| 16 | e | 07 56 15 | ei 56 29. |

| Date | Phase | h m s | Remarks |
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| 16 | iPg iSg | 10 09 49 09 02.5 | D=1°. |
| 16 | iPg iSg Lm | 11 51 06.0 51 11.0 51 18 | Explosion of 5.9 Tons 50°02.2'N 13°55.6 E. Dc=44km. |
| 16 | e | 12 43 30 | eiSg 43 54. |
| 16 | iPg | 12 44 37 | i 44 47. |
| 16 | iPg eiSg | 14 31 37.0 31 49.5 | D=1°. |
| 16 | e | 15 35 15 | eiSg 35 41.5. |
| 16 | eP | 23 58 40 | Tibet 32.0°N 87.5°E, H=23 49 08.2, h= =69km(ISC). M=5.1 USCGS, 4.8 ISC. Dc= =55.6°. |
| 17 | e | 00 56 48 | |
| 17 | e | 01 57 24 | |
| 17 | e | 02 06 21 | |
| 17 | eiP ei e eL Lm | 03 02 13.2 02 21.3 05 28 06.5 09 | C. Eastern Kazakhstan 49.8°N 78.2°E, H= =03 44 57.0, h=0km(ISC). M=5.4 USCGS, 5.2 ISC. MPV=4.8(cp) Prühonice. Dc= =39.9°. PV(cp):1s 23mμ. |
| 17 | e | 05 56 54 | eiSg 57 34. |
| 17 | e | 07 09 49 | ei 10 40.5. |
| 17 | e | 09 26 08 | |
| 17 | e | 09 57 53 | e 58 04. |
| 17 | ei | 10 12 08 | |
| 17 | iP ei | 10 55 58.0 56 09 | C. Ryukyu Islands 24.1°N 123.2°E, H= =10 43 36.9, h=50km(ISC). M=5.3 USCGS, 5.2 ISC. MPV=5.4(cp) Prühonice. Dc= =83.0°. PV(cp):1.5s 35mμ. |

| Date | Phase | h m s | Remarks |
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| 17 | ePKP2 | 11 12 16 | Kermadec Islands 33.6°S 178.7°W, H= =10 51 30, h=47km(ISC). Dc=161.0°. |
| 17 | iPg iSg | 12 49 40.8 49 53.3 | D=1°. |
| 17 | ei | 12 53 37 | i 53 47, i 53 59, iSg 54 10. |
| 17 | eP ei | 19 16 55.6 17 29 | Aleutian Islands 52.1°N 174.9°E, H= =19 05 07.4, h=36km(ISC). M=5.1 ISC, USCGS. Dc=76.9°. |
| 17 | eiP ei eiS e Q Qm Rm | 20 24 29.0 24 51.5 32 16 36 46 44 47 49 | Tibet 32.1°N 87.8°E, H=20 14 50.1, h= =15km(ISC). M=5.3 USCGS, ISC, MLH=5.6 Prühonice. D=56.5°, Dc=55.8°. QmH:20s 5.6μ, RmH:15s 3.7μ. |
| 18 | iP | 01 28 13.5 | D. Tibet 32.0°N 87.6°E, H=01 18 39.0, h= =43km(ISC). M=5.2 USCGS, 5.1 ISC, MPV= =4.8(cp) Prühonice. Dc=55.7°. PV(cp): 1s 11mμ. |
| 18 | iP ei | 01 28 11.4 28 25.5 | C. Burma - India 24.9°N 93.7°E, H= =08 17 38.1, h=48km(ISC). M=5.8 USCGS, 5.2 ISC, MPV=5.3(cp) Prühonice. Dc= =64.5°. PV(cp):1s 18mμ. |
| 18 | ePg i iSg | 10 27 15 27 16.5 27 30.3 | D=1.2°. |
| 18 | eiPg eiSg | 11 04 47 05 02 | D=1.2°. |
| 18 | iPg iSg iL Lm | 11 28 59.5 29 05.5 29 07.5 29 09 | C. Explosion of 15.6 Tons 49°33.3'N 14°14.1 E. Dc=52.5km. |
| 18 | eiPg i iSg | 11 56 08 56 09.3 56 20.5 | D=100km. |
| 18 | e | 12 44 20 | eiSg 44 44. |
| 18 | ei | 13 00 16 | |

| Date | Phase | h m s | Remarks |
|------|-------------------------|------------------------------------|--|
| 18 | e | 13 07 29 | |
| 18 | eP | 13 56 18 | Persie 29.7°N 51.4°E, H=13 49 37.0, h= =65km(ISC). M=5.0 ISC, 4.6 USCGS. Dc= =34.3°. |
| 18 | eP | 22 58 40 | Peru 11.1°S 73.6°W, H=22 45 17.4, h= =116km(ISC). M=5.5 USCGS, 5.4 ISC. Dc= =97.3°. |
| 18 | eiP | 23 10 38.5 | Japan 34.6°N 141.2°E, H=22 58 16.4, h= =62km(ISC). M=4.9 ISC, USCGS. Dc=83.4°. |
| 19 | iP eiPcP eL Lm | 06 49 58.0 50 09 07 20 28 | C. Aleutian Islands 52.4 N 172.1 E, H= =06 38 11.8, h=38km(ISC). M=5.5 USCGS, 5.4 ISC, MPV=5.6(cp), MLH=5.4 Prühoni- ce. Dc=76.2°. PV(cp):1s 49mμ, LmH:17s 1.4μ. |
| 19 | e | 08 04 15 | ei 04 44. |
| 19 | e | 08 10 16 | e 10 59. |
| 19 | iPg ei iSg | 11 01 46.0 01 58.5 02 00 | D=1.1°. |
| 19 | eiP e | 13 01 42.3 02 34 | Kamchatka 53.8°N 160.6°E, H=12 50 19.2, h=63km(ISC). M=5.1 USCGS, 5.0 ISC, MPV= 5.2(cp) Prühonice. Dc=72.7°. PV(cp): 0.8s 17mμ. |
| 19 | eiPg | 14 13 10 | iSg 13 24.3. |
| 19 | eiPKP | 15 49 45.6 | West of Tonga 21.4°S 179.3°W, H= =15 31 04.5, h=617km(ISC). M=5.0 USCGS, 4.5 ISC. Dc=149.4°. |
| 19 | eiPg eiSg | 17 04 28 04 50.5 | D=1.6°. |
| 19 | iP | 21 27 35.3 | D. Kurile Islands 44.6°N 149.2°E, H= =21 15 37.3, h=16km(ISC). M=4.7 USCGS, 4.6 ISC, MPV=5.1(cp) Prühonice. Dc=77.9° PV(cp):1s 15mμ. |
| 20 | eiPKIP | 01 09 10.7 | Samoa Islands 14.8°N 175.1°W, H= =00 50 10.4, h=294km(ISC). M=4.9 USCGS, 4.1 ISC. Dc=144.1°. |

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 20 | iP eiPcP eL Lm | 02 09 19.7 09 30 35 40.5 | C. Kurile Islands 44.6°N 149.1°E, H= =01 57 25.5, h=42km(ISC). M=5.5 ISC, USCGS, MPV=5.9(cp), MLH=5.4 Prühonice. Dc=77.8°. PV(cp):1.2s 124mμ, MLH=21s 1.6μ. |
| 20 | eiPn iPg i iSg | 09 52 19.5 52 21.0 52 31.5 52 33.5 | D=1.1°. |
| 20 | ei eiSg | 12 12 25.5 12 48 | |
| 20 | eiP ei | 16 39 46.4 40 11.5 | Eastern Gulf of Aden 13.3°N 50.3°E, H= =16 31 19.9, h=35km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=46.8°. |
| 20 | eiP ei | 18 16 51.4 16 56.4 | Oregon 43.0°N 126.1°W, H=18 04 33.1, h= =0km(ISC). M=5.6 USCGS, 5.5 ISC. Dc= =81.2°. |
| 20 | eP | 18 18 56 | Hindu Kush 36.5 N 71.0 E, H=18 11 17.9, h=177km(ISC). M=4.9 USCGS, 4.8 ISC. Dc= =42.2°. |
| 21 | iP eiPP eiS eSS eL Lm Lm | 00 28 32.2 30 06 34 24 37 10 40.5 43.5 46 | C. Southern Persia 28.1°N 55.9°E, H= =00 21 14.4, h=26km(ISC). M=6.0 USCGS, 5.7 ISC, MPV=5(cp), MLH=5.4 Prühonice. D=38.5°, Dc=38.2°. PV(cp):1.2s 37mμ, LmH:28s 9.1μ, LmH:21s 4.8μ. |
| 21 | e | 06 15 58 | ei 16 10.3. |
| 21 | iPg i iSg ei Lm | 11 31 52.0 31 54.5 32 00.5 32 09 32 30 | Explosion of 15.1 Tons 50°35.2'N 14°03.2' E. Dc=75km. |
| 21 | e eiSg | 13 33 25 33 50 | |
| 21 | eiPg iSg | 13 34 16.2 34 30.2 | D=1.8°. |
| 21 | e | 22 40 24 | e 40 32. |

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 22 | eiP ei | 05 57 49 58 26 | C. Kashmir 36.2°N 77.6°E, H=05 49 25.8, h=87km(ISC). M=5.7 USCGS, 5.0 ISC. Dc=46.7°. |
| 22 | e | 10 27 12 | iSg 27 23. |
| 22 | eiPg i iSg | 10 45 50 45 52.0 46 04.0 | D=1.1°. |
| 22 | ePKIKP ei ei | 13 32 56 33 10 33 49 | New Hebrides Islands 21.1°S 173.5°E, H=13 13 19.5, h=33km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=146.7°. |
| 22 | eiPg eiSg | 13 44 42 45 04 | D=1.6°. |
| 22 | ei | 15 44 43 | i 43 46.0. |
| 22 | e | 18 49 46 | e 50 33, ei 53 33. |
| 23 | eiP ei ei eSKS ei ei eiSS eL Lm | 00 01 32 05 26 07 26 12 08 13 10 14 10 19 44 36 48 | Philippine Islands 7.2°N 123.5°E, H=23 48 07.8, h=58km(ISC). M=5.8 USCGS, 5.7 ISC, MLH=6.2 Prühonice. D=96°, Dc=96.5°. LmH:18s 6.8μ. |
| 23 | iP iPP iPPP iS eiSS eiSSS eL Lm Lm | 11 20 47.2 23 31.2 25 20 30 14.2 35 15 38 34 50 00 57.5 12 02.5 | C.S. Kodiak Island 56.6°N 152.7°W, H=11 09 16.5, h=31km(ISC). M=5.7 ISC, USCGS, MLH=6.3, MPH=6.6, MSH=6.6 Prühonice. D=73.5°, Dc=73.2°. PN:7s 1.2μ, PV:7s 1.2μ, SH:18s 8.6μ, LmH:19s 13μ. |
| 24 | eP | 03 58 47 | Mexico 17.2°N 99.5°W, H=03 45 47.0, h=80km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=91.5°. |
| 24 | eiP | 05 00 33 | Japan 35.5°N 135.6°E, H=04 49 00.5, h=363km(ISC). M=5.3 USCGS, 5.0 ISC. Dc=80.2°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------------------|--|---|
| 24 | eiP e ePP eSKS eL Lm | 07 58 49 59 16 08 02 48 09 22 31 38 | Philippine Islands 7.0°N 126.2°E, H=07 45 13.9, h=51km(ISC). M=5.8 USCGS, 5.7 ISC, MPV=5.7(cp), MLH=5.6 Prühonice. D=99°, Dc=98.3°. PV(cp):1s 16mμ, LmH:28s 3μ. |
| 24 | e | 12 47 50 | ei 48 10, i 48 33. |
| 24 | eiPKIKP iPKHKP i eipPKIKP | 14 28 09.5 28 17.1 28 27.2 28 45 | D. Fiji Islands 23.6°S 176.6°W, H=14 08 31.3, h=94km(ISC). M=5.5 USCGS, 5.2 ISC. Dc=152.2°. |
| 24 | e | 16 40 15 | ei 40 20.5, ei 40 49.5. |
| 24 | eP | 18 12 06 | Kurile Islands 44.7°N 148.1°E, H=18 00 11.9, h=33km(ISC). M=5.0 USCGS, 4.6 ISC. Dc=77.4°. |
| 24 | eiP ei | 23 21 13.6 21 32.7 | Philippine Island 20.2°N 120.6°E, H=23 08 40.8, h=28km(ISC). M=5.1 ISC, 5.0 USCGS, MPV=5.1(cp) Prühonice. Dc=84.5°. PV(cp):1s 14mμ. |
| 25 | e | 04 55 41 | eiSg 55 54. |
| 25 | eiPg | 08 59 47 | i 09 14.5, ei 00 20. |
| 25 | eiPg iSg | 12 47 15.5 47 39.5 | D=1.8°. |
| 25 | eiPg iSg | 12 48 24 48 48 | D=1.8°. |
| 25 | ei | 16 51 32.8 | D=1.8°. |
| 25 | e | 19 34 43 | |
| 26 | iPg | 09 30 31.2 | ei 30 41.7, i 30 44.2. |
| 26 | e | 10 18 10 | ei 18 22, eiSg 18 31.5. |
| 26 | eiPg ei iSg | 11 26 23 26 43 26 46.5 | D=1.8°. |

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 26 | iPg iSg Lm | 12 59 48.5 13 00 05 00 14 | D=1.3°. |
| 26 | e | 23 00 27 | ei 01 32.5, ei 02 22. |
| 27 | eP ei | 01 16 14 16 22.4 | Nicobar Islands 9.1°N 94.0°E, H= =01 04 29.1, h=45km(ISC). M=5.0 ISC, USCGS. Dc=76.3°. |
| 27 | eP e e eL Lm | 10 00 06 10 33 13 25 40 43 | Bouvet Island 54.6°S 5.4°E, H= =09 45 48.5, h=33km(ISC). M=5.9 USCGS, 5.8 ISC, MLH=5.4 Prùhonice. Dc=104.5°. LmN:20s 0.8µ. |
| 27 | iP eiPcP eS eL Lm | 11 19 58.4 20 26 29 07 49 51.7 | C. Alaska 60.3°N 141.1°W, H=11 08 56.3. h=12km(ISC). M=5.3 USCGS, 5.1 ISC, MPV= =5.1(cp); MLH=5.1 Prùhonice. D=70°, Dc= =68.3°. PV(cp):1s 12mµ. LmH:16s 0.9µ. |
| 27 | eP ei | 11 33 02 33 11 | Japan 30.4°N 132.6°E, H=11 20 36.5, h= =4km(ISC). M=4.5 ISC, 4.3 USCGS. Dc= =83.0°. |
| 27 | eiPg iSg | 11 42 46 43 17 | D=2.4°. |
| 27 | e | 11 44 10 | eiSg 44 30. |
| 27 | eiP ei ePP eiS e Q Qm R Rm | 11 48 29.5 48 46 51 27 58 43.5 12 04 19 18 20 27 29.7 | C. Taiwan 23.8°N 121.5°E, H=11 36 12.8, h=52km(ISC). M=5.6 USCGS, 5.1 ISC, MPV= =5.1(cp), MLH=5.8 Prùhonice. D=82.5°, Dc=82.3°. PV(cp):1.2s 19mµ. QmH:28s 3.9µ. RmH:20s 5.2µ. |
| 27 | eiP | 19 55 46 | Japan 30 6°N 132.5°E, H=19 43 18, h= =33km(ISC). M=5.0 USCGS, 4.7 ISC. Dc= =82.8°. |
| 27 | eiP ei | 22 12 04 12 12 | Japan 30.2°N 132.8°E, H=21 59 38.1, h= =30km(ISC). M=5.3 USCGS, 5.1 ISC. Dc= =83.2°. |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 28 | eiPKIKP ei eL Lm | 03 52 30.9 53 12 04 30 48 | New Ireland 5.1°S 153.1°E, H= =03 33 36.4, h=49km(ISC). M=5.6 ISC, 5.5 USCGS, MLH=5.8 Prùhonice. Dc=123.3°. LmH:20s 1.8µ. |
| 28 | eiP | 04 02 20.5 | e 06.20. |
| 28 | e | 04 41 19 | ei 41 31.5, ei 42 21. |
| 28 | ePn iPg ei eiSg | 08 03 11 03 12.3 03 22 03 24 | D=1°. |
| 28 | ei | 12 57 43.5 | ei 58 05 5. |
| 28 | ei | 14 40 52 | ei 41 57. |
| 28 | e | 15 17 17 | ei 17 22. |
| 28 | iPKP ei | 18 16 25.3 16 32.8 | D. West of Tonga 21.1°S 178.9°W, H= =17 57 42.2, h=594km(ISC). M=5.3 USCGS, 4.9 ISC. Dc=149.2°. |
| 29 | ePn i iPg ei ei iSg Lm | 00 44 46 44 53.7 45 03.2 45 26 45 46 45 51.7 46 02 | Germany 47.3°N 9.9°E, H=00 43 47.4, h= =29km(ISC). M=4.0 USCGS. D=3.9°, Dc= =4.1°. |
| 29 | iP ei eS eL Lm | 02 16 19.1 16 34.5 26 11 44 47.5 | C. Kurile Islands 44.5°N 149.3°E, H= =02 04 23.1, h=36km(ISC). M=5.5 USCGS, 5.4 ISC. MPV=5.4(cp), MLH=5.2 Prùhoni- ce. D=78°, Dc=78.0°. PV(cp):1.3s 40mµ, LmH:22s 1.1µ. |
| 29 | eiPn ei eiSn ei eiSg | 02 23 55 24 09 25 04.5 25 17.8 25 50.3 | Italy 44.0°N 12.5°E, H=02 22 24, h= =0km(ISC). D=6°, Dc=6.1°. |
| 29 | iP ei Lm | 04 33 06.7 33 25 41 | C. North Atlantic Ridge 36.6°N 12.4°W, H=04 27 55.3, h=11km(ISC). M=4.8 USCGS, 4.6 ISC, MPV=4.7(cp) Prùhonice. Dc= =23.6°. PV(cp):1.2s 26mµ. |

| Date | Phase | h m s | Remarks |
|------|--------------------------------------|---|--|
| 29 | e | 10 25 08 | e 26 01, ei 26 47. |
| 29 | iPg iSg L Lm | 10 45 09.5 45 26 45 35 45 43 | Explosion of 20 Tons 51°00.2'N 14°24.8' E. Dc=114km. |
| 29 | e | 11 11 48 | ei 11 57.5. |
| 29 | iPg iSg Lm | 14 30 23.0 30 37.2 30 49 | Explosion of 3.3 Tons 49°44.5'N 13°00.0' E. Dc=112km. |
| 29 | eiP ei | 15 44 37.3 44 54 | Crete 34.2°N 26.2°E, H=15 40 31.5, h= =33km(ISC). M=4.6 ISC, 4.5 USCGS. Dc= =18.0°. |
| 29 | eiP | 16 12 53.2 | Kurile Islands 45.4°N 150.9°E, H= =16 01 00.8, h=43km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=77.2°. |
| 29 | ei | 17 04 46 | ei 37 17.3. |
| 29 | e | 18 31 55 | e 32 18. |
| 30 | eiPP e ePPS eSS eL Lm | 03 11 55 18 07 21 54 26.6 45 04 01.5 | Molucca Sea 1.7°S 126.6°E. H=02 53 14.7, h=33km(ISC). M=5.6 ISC, 5.5 USCGS, MLH= =5.4 Prühonice. Dc=105.2°. |
| 30 | iP ei e eSS eL Lm | 08 45 22.5 45 39 55 52 09 00.4 11 18.5 | C. Aleutian Islands 51.8°N 176.6°E, H= =08 33 27.5, h=15km(ISC). M=5.7 USCGS, 5.5 ISC, MPV=5.6(cp), MLH=5.5 Prühoni- ce. Dc=77.4°. PV(cp):1.5s 76μ, LmH: 24s 2.3μ. |
| 30 | iPg iSg Lm | 10 21 01.5 21 03 21 05 | Explosion of 9.5 Tons 49°57.3'N 14°23.4' E. Dc=11km. |
| 30 | iP | 12 48 06.8 | C. Kamchatka 53.7°N 160.5°E, H= =12 36 43.1, h=53km(ISC). M=5.2 USCGS, 5.1 ISC, MPV=5.5(cp) Prühonice. Dc= =72.8°. PV(cp):1s 38μ. |

| Date | Phase | h m s | Remarks |
|------|-------------------|----------------------------|---|
| 30 | eiPg iSg Lm | 14 01 59 02 29 02 50 | D=2.3°. |
| 30 | e | 14 28 43 | eiSg 48 51. |
| 30 | eP | 17 22 44 | Aleutian Islands 51.8°N 176.5°E, H= =17 10 53.2, h=55km(ISC). M=5.3 USCGS, 4.8 ISC. Dc=77.4°. |

List of local shocks ($D < 100\text{km}$) recorded by the station Průhonice

January - June 1965

V.Kárník, J.Nykles

Remark:

The recorded events correspond to rock bursts in the regions of Kladno and Příbram and to quarry blasts. All explosions with known epicentres are included in the foregoing chapitre. The values of periods and amplitudes correspond to the maximum surface waves Lm.

January 1965

Průhonice

| Date | Phase | h m s | Remarks |
|-----------------------|--------------------------------|--|--|
| 3 3 3 | e e eiPg | 08 51 10 11 22 50 18 49 34.5 | Lm 51 16, 1s 0.01 μ . Lm 22 55, 1s 0.03 μ . D=39km. i 49 36.5, iSg 49 39, L 49 42.5, Lm 49 47, 1s 0.07 μ . |
| 4 4 | ei eiPg | 11 00 32 12 02 12.3 | iSg 02 19.3, Lm 02 24, 1s 0.02 μ . |
| 5 | ei | 10 39 31.5 | eiSg 39 37, Lm 39 40, 1s 0.01 μ . |
| 6 | iPg | 11 16 38.2 | D=63km. iSg 16 45.7, Lm 16 51, 1s 0.02 μ . |
| 7 7 | iSg eiSg | 05 38 16.5 09 56 02.5 | Lm 38 23, 1s 0.01 μ . Lm 56 08, 1s 0.01 μ . |
| 8 8 8 8 8 | i iPg eiPg iPg iPg | 09 43 38.3 10 43 43.6 10 54 01 11 45 35.4 12 39 23.4 | Lm 43 41.5, 0.6s 0.01 μ . ei 43 50.5, Lm 43 57, 1s 0.02 μ . ei 54 08, Lm 54 13, 1s 0.01 μ . iSg 45 46.4. D=94km. iSg 39 27.9, Lm 39 31. D=39km. 1s 0.1 μ . |
| 9 9 9 | i iSg iPg | 01 42 35.2 10 14 07 19 42 41.8 | Lm 42 42, 1s 0.01 μ . Lm 14 10, 0.7s 0.03 μ . iSg 42 48.3, Lm 42 51. D=55km, 0.5s 0.08 μ . |
| 12 | ei | 11 10 58.3 | Lm 11 01, 1s 0.02 μ . |
| 13 13 13 13 | eiSg iPg i e | 01 18 59 09 24 57.6 10 59 48 11 20 13 | Lm 19 06, 1s 0.01 μ . iSg 25 00.6, Lm 25 03.6. D=29km. i 59 53.7. Lm 20 18, 1s 0.02 μ . |
| 14 | eiSg | 23 38 53.7 | Lm 39 00. 1s 0.01 μ . |
| 15 15 15 | ei eiPg iPg | 09 11 01.5 10 00 34 10 03 51 | i 11 04, Lm 11 04.5, 0.5s 0.04 μ . iSg 00 39, Lm 00 45, 1s 0.04 μ . iSg 03 56, Lm 03 58.5. D=42km. 0.5s 0.06 μ . |
| 15 15 | iSg iPg | 12 38 36 13 50 44 | i 38 39, Lm 38 40. 1s 0.07 μ . iSg 50 45.1, Lm 50 46. D=9km. 0.5s 0.12 μ . |
| 16 | iPg | 09 39 31.3 | iSg 39 36.3, L 39 41, Lm 39 43. D=42km. 1s 0.07 μ . |
| 17 | eiPg | 15 19 05.3 | i 19 07.3, iSg 19 09.9, L 19 13, Lm 19 17. D=40km. 1s 0.04 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 18 | eiSg | 09 44 26 | Lm 44 33. 1s 0.02 μ . |
| 18 | e | 10 14 08 | Lm 14 17. |
| 18 | (e) | 12 54 02 | eiSg 54 24. |
| 19 | e | 10 04 39 | Lm 04 45. 1s 0.01 μ . |
| 19 | eiPg | 11 32 38.5 | iSg 32 41, Lm 32 42.5. D=21km. 0.4s 0.13 μ . |
| 19 | e | 12 13 12 | eiSg 13 21, Lm 13 26. 1s 0.02 μ . |
| 19 | ei | 12 26 08 | Lm 26 10. |
| 19 | iPg | 12 30 25.0 | iSg 30 29.5, Lm 30 33. D=39km. 0.6s 0.15 μ . |
| 19 | e | 12 42 16 | eiSg 42 28. |
| 20 | e | 10 08 04 | eiSg 08 06.5, Lm 08 09. 1s 0.01 μ . |
| 20 | ei | 09 24 16.5 | |
| 20 | e | 13 23 03 | Lm 23 11. 1s 0.01 μ . |
| 21 | e | 09 46 20 | ei 46 23, Lm 46 28. 1s 0.01 μ . |
| 21 | ei | 12 39 18.5 | i 39 21.4, Lm 39 22. 1s 0.05 μ . |
| 22 | ei | 10 06 47 | Lm 06 52. |
| 22 | iPg | 10 07 09.7 | iSg 07 11.2, Lm 07 12. D=13km. 0.5s 0.16 μ . |
| 22 | eiPg | 11 18 06.4 | eiSg 18 19.9, Lm 18 19. D=63km. 1s 0.01 μ . |
| 22 | ei | 12 25 29 | Lm 25 32. 0.7s 0.05 μ . |
| 22 | eiPg | 14 59 30 | D=63km. eiSg 59 37.5. |
| 22 | iPg | 15 00 01.6 | iSg 00 03.1, Lm 00 04.2. D=13km. 0.5s 0.08 μ . |
| 23 | iPg | 08 49 51.2 | iSg 50 03.2. D=101km. |
| 23 | iPg | 10 15 16 | iSg 15 28. D=101km. |
| 23 | eiPg | 10 30 47 | eiSg 30 55, Lm 31 02. D=68km. |
| 23 | eiPg | 10 40 58 | eiSg 41 09.5, Lm 41 17. D=98km. |
| 23 | iPg | 21 53 57.8 | i 53 59.8, iSg 54 02.4, L 54 04, Lm 54 09. D=39km. 1s 0.11 μ . |
| 25 | iPg | 09 30 24.0 | iSg 30 34.9, L 30 40, Lm 30 44. D=92km. 1s 0.04 μ . |
| 25 | iPg | 10 04 05.5 | i 04 08, Lm 04 09. |
| 25 | ePg | 12 27 54 | iSg 27 57.5. D=29km. |
| 25 | ei | 13 19 15.5 | Lm 19 19. 1s 0.01 μ . |
| 27 | eiPg | 07 54 52 | eiSg 55 04.5. D=106km. |
| 27 | eiPg | 08 16 42.5 | eiSg 16 51, Lm 16 55. D=72km. 1s 0.01 μ . |
| 27 | i | 09 05 01 | iSg 05 03, Lm 05 03.5. 0.7s 0.04 μ . |
| 27 | ePg | 11 31 08 | iSg 31 10. D=17km. |
| 27 | eiPg | 11 32 14.5 | eiSg 32 24, Lm 32 27. D=80km. 1s 0.03 μ . |
| 27 | eiPg | 14 13 05 | iSg 13 07.0, Lm 13 07.5. D=17km. 0.5s 0.07 μ . |

| Date | Phase | h m s | Remarks |
|---------------|-------|------------|--|
| 28 | iSg | 10 39 02.4 | Lm 39 05. 0.06s 0.04 μ . |
| 29 | e | 07 54 29 | iSg 54 34.0, i 54 36.5, L 54 38, Lm 54 40. 1s 0.02 μ . |
| 29 | eiSg | 09 11 53 | i 11 56, Lm 11 59. 1s 0.02 μ . |
| 29 | iPg | 09 26 45.5 | i 26 47.4, iSg 26 56. D=90km. |
| 29 | iPg | 11 14 45.5 | iSg 14 48. D=13km. |
| 29 | iPg | 11 15 06.5 | iSg 15 07.6, Lm 15 08. D=8.5km. 0.5s 0.16 μ . |
| 29 | iPg | 12 39 20 | i 39 24, iSg 39 26, Lm 39 28. D=51km. 1s 0.09 μ . |
| 29 | iPg | 12 47 46.5 | i 47 58.5. |
| 30 | iPg | 09 13 51.4 | iSg 13 55.7, Lm 13 59. D=37km. 1s 0.1 μ . |
| February 1965 | | | |
| 1 | eiSg | 12 30 09.7 | ei 30 12.2, Lm 30 14. 0.5s 0.26 μ . |
| 1 | iPg | 21 53 39.1 | iSg 53 43.6, L 53 46.5, Lm 53 50. D= =39km. 1s 0.14 μ . |
| 2 | i | 02 24 26.2 | Lm 24 33. 1s 0.02 μ . |
| 2 | e | 09 41 22 | Lm 41 29. 1s 0.01 μ . |
| 2 | e | 10 54 16 | Lm 54 21. |
| 2 | eiPg | 12 41 28 | Lm 41 31. 0.8s 0.03 μ . |
| 2 | ei | 10 42 39.3 | ei 42 42.8, Lm 42 43. |
| 3 | e | 10 45 41 | Lm 45 47. |
| 3 | e | 11 09 22 | Lm 09 27. |
| 3 | ei | 12 05 11.5 | Lm 05 17. 1s 0.01 μ . |
| 4 | e | 10 30 29.2 | eiSg 30 37.2, Lm 30 41. 1s 0.02 μ . |
| 4 | e | 10 59 05.7 | eiSg 59 07.2, Lm 59 08. 0.5s 0.1 μ . |
| 5 | iPg | 11 00 14.6 | iSg 00 16.1, Lm 00 17. D=13km. 0.5s 0.28 μ . |
| 5 | i | 12 28 04.5 | Lm 28 07. 0.7s 0.03 μ . |
| 5 | eiPg | 12 39 20 | eiSg 39 24.5, L 39 26, Lm 39 30. D= =39km. 1s 0.07 μ . |
| 6 | e | 10 00 29.5 | eiSg 00 33, Lm 00 35. 0.6s 0.05 μ . |
| 6 | e | 15 35 26.7 | eiSg 35 30.2, Lm 35 31.5. 0.5s 0.05 μ . |
| 7 | eiPg | 09 17 33 | eiSg 17 36.3, Lm 17 39. D=27km. |
| 7 | eiPg | 15 28 07 | eiSg 28 10. D=25km. |
| 8 | iSg | 19 21 49 | ei 21 53, Lm 21 56. 1s 0.02 μ . |
| 8 | iPg | 20 44 23.0 | iSg 44 29.0, Lm 44 32.5. D=52km. 0.7s 0.06 μ . |

| Date | Phase | h m s | Remarks |
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| 9 | ei | 00 20 13 | iSg 20 16.0, L 20 20, Lm 20 23. 1s 0.02 μ . |
| 9 | iPg | 10 59 37 | iSg 59 38.5, Lm 59 39. D=13km. 0.5s 0.08 μ . |
| 9 | iPg | 12 40 01.5 | iSg 40 06, Lm 40 11. D=39km. 1s 0.14 μ . |
| 10 | e | 08 19 44 | Lm 19 49. |
| 10 | eiPg | 12 03 42.7 | iSg 03 46.7, Lm 03 50. D=34km. 0.4s 0.04 μ . |
| 10 | ei | 12 35 06.5 | Lm 35 10. |
| 11 | e | 09 05 42 | e 05 57. |
| 11 | eiPg | 09 08 42 | eiSg 08 51.3. D=77km. |
| 11 | eiSg | 10 47 52 | Lm 47 55. 1s 0.02 μ . |
| 11 | eiPg | 10 59 59 | eiSg 59 00.5, Lm 59 01. D=13km. 0.5s 0.15 μ . |
| 12 | iPg | 10 59 16.5 | iSg 59 17.7, Lm 59 19. D=10km. 0.5s 0.18 μ . |
| 13 | eSg | 05 09 14 | Lm 09 22. 1s 0.01 μ . |
| 13 | eiPg | 14 51 34.2 | eiSg 51 37.2. D=26km. |
| 13 | ePg | 21 27 02 | eiSg 27 06.5, eL 27 11, Lm 27 13. D= =39km. 1s 0.02 μ . |
| 14 | e | 11 26 07 | eiSg 26 11.5. |
| 15 | iPg | 11 59 56 | iSg 59 59.7, Lm 12 00 03. D=31km. |
| 15 | iPg | 12 39 12.9 | iSg 39 17.4, Lm 39 21. D=39km. 1s 0.07 μ . |
| 16 | ei | 08 01 03.5 | |
| 16 | ePg | 08 15 07 | eSg 15 18. D=94km. |
| 16 | eiPg | 08 37 43 | Lm 58 15. |
| 16 | ei | 09 08 10.6 | |
| 16 | ei | 09 36 37 | Lm 36 41. 1s 0.01 μ . |
| 16 | e | 12 14 25 | Lm 14 33. |
| 16 | eiSg | 12 28 14.5 | Lm 28 17.5. 0.7s 0.02 μ . |
| 16 | e | 15 57 51 | |
| 16 | ei | 19 29 15 | ei 29 19, Lm 29 28. |
| 17 | ePg | 07 30 47 | D=34km. eiSg 30 51, Lm 30 56. D=34km. 1s 0.03 μ . |
| 17 | e | 08 05 04 | Lm 05 11. 1s 0.01 μ . |
| 17 | ePg | 10 46 44.6 | ei 46 46.1, iSg 46 48.6, L 46 52, Lm 46 57. D=34km. 1s 0.03 μ . |
| 17 | ePg | 11 05 09.4 | eSg 05 12, Lm 05 14. D=22km. |
| 17 | e | 11 59 12 | eiSg 59 22.5, Lm 59 29. 0.08s 0.03 μ . |
| 17 | e | 12 03 53 | Lm 03 55. |
| 17 | e | 12 28 27 | eiSg 28 32.5, Lm 28 38. 1s 0.04 μ . |
| 17 | iPg | 13 31 26.5 | iSg 31 28.5, Lm 31 28.7. D=17km. 0.5s 0.08 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 18 | iPg | 10 59 03.7 | iSg 59 05.0, Lm 59 06. D=11km. 0.5s 0.16 μ . |
| 18 | eiPg | 12 23 00.7 | |
| 19 | iPg | 09 13 29 | iSg 13 32, Lm 13 35. D=26km. 0.6s 0.2 μ . |
| 19 | ePg | 10 31 29 | eiSg 31 36, Lm 31 41. D=59km. 1s 0.02 μ . |
| 19 | iPg | 11 00 50 | iSg 00 51.5, Lm 00 53. D=13km. 0.5s 0.07 μ . |
| 19 | eiPg | 13 59 11 | eiSg 59 22. D=86km. |
| 20 | eiPg | 09 05 39 | i 05 40.5, iSg 05 50.5. D=98km. |
| 20 | iPg | 09 56 02.5 | iSg 56 06, Lm 56 09. D=29km. 1s 0.01 μ . |
| 21 | e | 17 36 04 | Lm 36 06. |
| 22 | iPg | 02 50 11.4 | i 50 13.4, iSg 50 15.9, Lm 50 24. D= =38km. 1s 0.4 μ . |
| 22 | ei | 06 22 04 | L 22 07.5, Lm 22 13. 1s 0.03 μ . |
| 22 | iPg | 06 34 58.5 | i 35 00.5, iSg 35 03.0, L 35 04.5, Lm 35 10. D=38km. 1s 0.08 μ . |
| 22 | iPg | 09 48 13.0 | iSg 48 16.6, Lm 48 19. D=31km. 0.5s 0.06 μ . |
| 22 | i | 18 43 16 | Lm 43 24. |
| 22 | ei | 21 33 12 | iSg 35 17.5, ei 35 24. |
| 23 | e | 05 02 13 | |
| 23 | eiPg | 05 28 17.5 | ei 28 22, ei 28 24, Lm 28 30. |
| 23 | eiPg | 09 09 06 | eiSg 09 08, Lm 09 09. D=17km. 0.7s 0.03 μ . |
| 23 | eiPg | 09 26 03 | ei 26 14, ei(Sg) 26 16. |
| 23 | eiPg | 10 48 21.7 | eiSg 48 29, L 48 31, Lm 48 34. D=63km. |
| 23 | iPg | 17 35 55.5 | i 35 57.5, iSg 36 00, L 36 03, Lm 36 06.5. D. D=39km. 1s 0.24 μ . |
| 24 | eiPg | 09 27 33.3 | iSg 27 44.8. D=98km. |
| 24 | e | 09 43 31 | Lm 45 35. |
| 24 | iPg | 10 58 30.8 | iSg 58 32.1, Lm 58 32.8. D=11km. 0.5s 0.13 μ . |
| 24 | e | 12 12 19 | Lm 12 24. 1s 02 μ . |
| 24 | e | 12 45 39 | eiSg 45 42.8, Lm 45 46. 1s 0.08 μ . |
| 25 | iPg | 11 00 01.5 | iSg 00 03.0, Lm 00 03.5. D=13km. 0.5s 0.24 μ . |
| 25 | eiPg | 11 35 42 | eiSg 35 50, Lm 35 55. D=68km. 1s 0.03 μ . |
| 25 | e | 15 05 08 | Lm 05 15. 1s 0.01 μ . |

| Date | Phase | h m s | Remarks |
|------------------|----------------------------|--|--|
| 1 1 | ePg eiPg | 12 23 19 12 42 55.5 | i 23 20.5, eiSg 23 29.2. D=90km. eiSg 43 00, Lm 43 05. D=39km. 1s 0.08 μ . |
| 2 2 | eiPg iPg | 11 04 06.5 17 11 38.5 | eiSg 04 15, Lm 04 19. D=72km. 1s 0.01 μ . iSg 11 40.0, Lm 11 41. C. 0.5s 0.28 μ . |
| 3 3 3 | iPg e eiPg | 11 33 31.5 13 00 04.7 13 09 03.2 | iSg 33 33, Lm 33 36. C. D=13km. 0.8s 0.3 μ . eiSg 00 06.7, Lm 00 13. 0.5s 0.13 μ . eiSg 09 05.2, Lm 09 07. D=17km. 0.5s 0.37 μ . |
| 3 | ei | 13 23 13.5 | eiSg 23 15.5, Lm 23 20. 0.5s 0.07 μ . |
| 4 4 4 | eiPg eiPg e | 08 43 59.5 09 17 17 10 36 19 | eiSg 44 09. D=80km. ei(Sg) 17 28.5. e 36 32. |
| 5 5 5 | eiPg eiPg eiPg | 08 46 28.5 10 49 57.5 11 01 23.2 | Lm 46 42. ei 50 00.5. iSg 01 24.7, Lm 01 25. D=13km. 0.5s 0.16 μ . |
| 5 5 | iPg eiPg | 12 39 10.2 14 05 05 | iSg 39 14.7, Lm 39 19. D=39km. 1s 0.1 μ . iSg 05 11.2, Lm 05 14. D=53km. 0.7s 0.04 μ . |
| 5 | iPg | 16 28 18.0 | Lm 28 18.5. |
| 6 | eiPg | 10 28 35 | iSg 28 39. D=34km. |
| 7 7 | iPg ei | 11 12 03 13 29 39.5 | i 12 04.8, iSg 12 14.5. D=98km. Lm 29 45. |
| 8 8 | ePg eiPg | 08 13 04 09 49 26 | ei 13 15. eiSg 49 29.7, Lm 49 32.5. D=31km. 0.7s 0.06 μ . |
| 8 8 | ePg eiPg | 10 53 19.5 11 00 26 | eiSg 53 27.5, Lm 53 32. D=68km. 1s 0.01 μ . iSg 00 29.5. D=29km. |
| 9 9 9 9 | e e eiPg iPg e | 08 18 42 09 10 27 10 57 54.5 12 40 22.8 13 29 32 | Lm 18 47. eiSg 58 01.5, Lm 58 09. D=61km. iSg 40 33.3. D=90km. |
| 10 10 | iPg iPg | 14 03 34.6 14 11 32 | iSg 03 36.1, Lm 03 37. D=13km. 0.5s 0.1 μ . iSg 11 34.5. Lm 11 35. D=22km. 0.5s 0.13 μ . |
| 11 11 | iPg iPg | 08 40 24.0 10 59 35 | i 40 26.0, iSg 40 35.5. D=98km. iSg 59 36.5, Lm 59 38. D=13km. 0.5s 0.22 μ . |

| Date | Phase | h m s | Remarks |
|----------------------------------|-------------------------------------|--|---|
| 12 12 | e eiPg | 11 52 16 12 18 39.5 | eiSg 52 25.5, Lm 52 29. 1s 0.03 μ . eiSg 18 49.5, Lm 18 54. D=85km. 1s 0.08 μ . |
| 12 12 | eiSg ei | 12 28 52.7 13 05 36 | Lm 28 55. 1s 0.07 μ . eiSg 05 57.8. |
| 13 13 13 | eiPg eiPg ePg | 07 54 03 07 57 02.5 08 09 03 | eiSg 54 13. D=85km. eiSg 57 13.5. D=94km. eiSg 09 13.5. D=90km. |
| 14 | ePg | 03 25 11.4 | ei 25 13.4, eiSg 25 15.7, ei 25 19, Lm 25 22. D=37km. 1s 0.04 μ . |
| 14 | ePg | 08 58 14.3 | eiSg 58 26.8. D=105km. |
| 15 15 | eiPg eiPg | 10 05 24 10 45 15.8 | eiSg 05 37. D=10. eiSg 45 23.3, Lm 45 27. |
| 16 16 16 16 16 | e e eiPg ePg e | 07 41 32 09 14 27 10 05 24 11 58 54 12 18 35 | eiSg 41 36, Lm 41 44. eiSg 05 34.5. eiSg 59 09. D=125km. eiSg 18 39. |
| 17 17 17 17 17 17 | eiPg e iPg eiPg e ei | 09 07 12 10 34 15 12 31 25.0 12 36 57 12 48 59 14 01 07.5 | eiSg 07 33. D=94km. eiSg 34 21. iSg 31 29, Lm 31 32. 0.7s 0.04 μ . iSg 37 02.0, Lm 37 04. D=42km. 1s 0.09 μ . ei 49 27. iSg 01 11.5. |
| 18 18 18 | ei e iPg | 10 54 12 12 22 55 12 29 30.0 | iSg 29 31.5, Lm 29 32. D=13km. 0.5s 0.27 μ . |
| 19 19 19 | e eiSg ePg | 09 04 44 11 07 58 12 23 45 | ei 05 26.5. Lm 08 03. ei 23 46.5, iSg 23 50.3, Lm 23 53. D= =45km. |
| 19 | ePg | 12 38 50 | eiSg 38 55, Lm 38 58.5. D=42km. 1s 0.08 μ . |
| 20 | eiSg | 11 51 20 | Lm 51 24. 1s 0.01 μ . |
| 21 21 | e eiPn | 01 31 10 09 43 58.5 | Lm 31 17. iSg 44 00, eiSg 44 11. D=105km. |
| 25 25 25 | ePg e iPg | 11 41 41 14 23 39 15 59 04.7 | eiSg 41 46.7. D=49km. eiSg 23 42, L 23 46, Lm 23 49. 1s 0.02 μ . iSg 59 06.2, Lm 59 07. D=13km. 0.5s 0.22 μ . |

| Date | Phase | h m s | Remarks |
|-----------------------|---------------------|--|--|
| 26 26 | eiPg eiPg | 08 31 09 11 00 31.8 | eiSg 31 16, Lm 31 22. D=60km. 1s 0.02μ. iSg 00 33.0, Lm 00 33.8. D=10km. 0.5s 0.06μ. |
| 29 29 | eiSg eiPg | 08 07 27.7 12 20 37.2 | Lm 07 31. 1s 0.01μ. iSg 20 40.7, Lm 20 43. D=29km. 0.7s 0.06μ. |
| 29 29 | ePg iPg | 12 38 43 15 50 34.7 | eSg 38 48, Lm 38 51. D=42km. 1s 0.08μ. ei 50 36.7, iSg 50 29.2, Lm 50 47. D= =39km. 1s 0.07μ. |
| 30 | eiPg | 17 09 46.2 | eiSg 09 51.2, Lm 09 54. D=42km. 1s 0.12μ |
| April 1965 | | | |
| 1 1 | eiPg eSg | 08 42 52.2 09 54 35 | iSg 43 03.7, Lm 43 09. D=98km. 1s 0.01μ. Lm 54 38. 1s 0.01μ. |
| 2 2 | e iPg | 10 11 26 11 01 18.6 | Lm 11 29. iSg 01 20.1, Lm 01 21. D=13km. 0.5s 0.2μ. |
| 2 | iPg | 13 57 10.1 | iSg 57 12.4, Lm 57 14.5. D=20km. 1s 0.26μ. |
| 2 | iPg | 14 02 11.2 | iSg 02 13 7. Lm 02 14. D=21km. 0.5s 0.12μ. |
| 3 | eiPg | 07 09 52 | iSg 09 54.0, Lm 09 55.5. D=17km. 0.5s 0.08μ. |
| 3 3 3 | ePg eiSg e | 10 19 11 10 24 36 17 34 18 | iSg 19 14.5. D=30km. Lm 24 40. 1s 0.07μ. Lm 34 22. 1s 0.01μ. |
| 4 | e | 08 09 15 | Lm 09 22. 1s 0.01μ. |
| 5 5 5 5 5 | e e i eiPg | 11 55 04 12 08 37.6 12 17 17.2 12 36 50 | eiSg 55 07.5, Lm 55 14. 1s 0.03μ. Lm 08 42. Lm 17 20. 0.5s 0.07μ. iSg 36 53.0, Lm 36 56. D=27km. 0.6s 0.07μ. |
| 5 | ei | 13 30 07.5 | Lm 30 12. |
| 6 | iPg | 09 07 42.5 | Lm 07 45. |
| 7 | iPg | 09 44 54.8 | iSg 44 56.8, Lm 44 58. D=17km. 0.5s 0.12μ. |
| 7 7 | eiPg e | 11 20 36.5 12 24 55 | iSg 20 39.0, Lm 20 41. D=21km. 1s 0.02μ. eiSg 24 58.5, Lm 25 03. 1s 0.05μ. |

| Date | Phase | h m s | Remarks |
|----------------------|---------------------------|--|---|
| 8 | iPg | 11 48 24.0 | iSg 48 28.5, L 48 30, Lm 48 32. D=39km. 0.5s 0.05μ. |
| 8 | e | 12 38 42 | L 38 49, Lm 38 52. 1s 0.06μ. |
| 9 9 | e e | 10 04 27 11 57 15 | Lm 57 20. 1s 0.01μ. |
| 10 | iPg | 10 21 20.5 | iSg 21 24.0, Lm 21 27. D=31km. 0.7s 0.07μ. |
| 11 | e | 10 18 34 | Lm 18 41. 1s 0.01μ. |
| 12 12 12 12 | e i ei e | 07 47 28 11 15 35 12 26 51 5 15 01 39 | Lm 47 55. 1s 0.01μ. eiSg 15 38, Lm 15 40. 1s 0.02μ. iSg 26 54.5, 0.05s 0.03μ. Lm 01 44. |
| 13 13 13 13 | iPg eiSg ei ei | 08 46 53 08 59 27 09 41 29.5 11 15 35.5 | iSg 47 03.5. D=90km. Lm 59 37.5. 1s 0.01μ. Lm 41 40. i 15 39.5, Lm 15 40. 1s 0.03μ. |
| 14 14 | e eiPg | 03 09 13 09 08 13 | Lm 09 20. iSg 08 16.7, Lm 08 19. D=32km. 0.7s 0.05μ. |
| 14 14 14 | eiPg ei e | 09 09 00 15 33 16.5 16 09 02 | ei 09 04.5, Lm 09 08. 1s 0.09μ. i 09 04.1. |
| 15 15 15 15 | ePg eiPg ei eiPg | 08 28 51 10 58 59 11 14 39.5 11 17 58.5 | eiSg 29 02. D=95km. iSg 59 00.6, Lm 59 01. D=14km. 0.5s 0.1μ Lm 14 45.5. 1s 0.02μ. iSg 18 00.5, Lm 18.03. D=17km. 0.6s 0.03μ. |
| 15 15 | ePg e | 12 04 13 16 45 14 | ei 04 16, Lm 04 19. 1s 0.01μ. Lm 45 25. 1s 0.01μ. |
| 16 16 16 16 | e e e e | 11 59 23 12 19 41 12 46 36 13 55 47 | eiSg 59 32.5, Lm 59 37. 1s 0.02μ. Lm 46 41. 1s 0.01μ. |
| 17 17 | e e | 12 50 10 17 08 02 | Lm 50 18. 1s 0.02μ. eiSg 08 11. |
| 19 | ei | 17 47 43.3 | ei 47 52. |
| 20 20 | ei eiPg | 09 06 54.3 09 27 50.5 | Lm 06 57. eiSg 27 59, Lm 28 05. D=72km. 1s 0.02μ. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 21 | eiPg | 09 44 47.5 | eiSg 44 55, Lm 45 01. D=63km. |
| 21 | eiPg | 12 21 03 | iSg 21 05, Lm 21 07.5. D=17km. 0.5s 0.03 μ . |
| 21 | eiPg | 12 57 43 | iSg 57 50.5, Lm 57 53. D=55km. 1s 0.05 μ . |
| 22 | e | 03 31 14 | Lm 31 22. |
| 22 | iPg | 08 01 38 | iSg 01 41.7, Lm 01 45. D=321km. 0.5s 0.1 μ . |
| 22 | ePg | 12 20 31 | eiSg 20 34.5, Lm 20 36.5. D=30km. 1s 0.03 μ . |
| 22 | eiPg | 16 00 31.5 | iSg 00 33.5, Lm 00 34. D=17km. 0.5s 0.05 μ . |
| 23 | ePg | 08 20 20 | eSg 20 29, Lm 20 33. D=76km. 1s 0.02 μ . |
| 23 | e | 10 12 49 | Lm 12 58. |
| 23 | iPg | 10 30 00.5 | iSg 30 04, Lm 30 05. D=30km. 0.6s 0.06 μ . |
| 23 | eiPg | 11 02 03.5 | iSg 02 05.8. D=14km. 0.5s 0.12 μ . |
| 23 | e | 11 16 05 | Lm 16 09. 1s 0.02 μ . |
| 23 | e | 16 53 25 | ei 53 35. Lm 53 38. |
| 26 | eiPg | 08 08 06.4 | eiSg 08 17. D=90km. |
| 26 | eSg | 11 45 08 | Lm 45 12. 1s 0.02 μ . |
| 26 | e | 12 02 48 | Lm 02 54. 1s 0.03 μ . |
| 26 | iPg | 12 34 27.5 | iSg 34 31.5, Lm 34 34. D=34km. 1s 0.05 μ . |
| 26 | e | 12 40 50 | eiSg 40 54.5, Lm 40 58. 1s 0.07 μ . |
| 26 | iPg | 14 43 58.5 | iSg 44 00. D=13km. |
| 26 | iPg | 16 10 06.5 | eiSg 10 16.5. D=90km. |
| 27 | eiPg | 09 30 56 | eiSg 31 00, Lm 31 06. D=34km. 1s 0.06 μ . |
| 27 | iPg | 11 21 18.1 | Lm 21 23. 0.6s 0.06 μ . |
| 27 | iPg | 11 47 01 | eiSg 47 13. D=102km. |
| 27 | e | 13 32 49 | Lm 33 02. |
| 28 | e | 12 43 44 | Lm 43 45. |
| 29 | iPg | 02 30 20.9 | i 30 22.9, iSg 30 25 4, Lm 30 27.5, Lm 30 34. D=39km. 1s 0.1 μ . |
| 29 | eiPg | 11 54 54 | iSg 54 58.5, Lm 55 01. D=39km. |
| 29 | ei | 12 21 33 | Lm 21 39. 1s 0.01 μ . |
| 29 | iPg | 12 29 20.0 | iSg 29 22.0, Lm 29 23. D=17km. 0.5s 0.35 μ . |
| 29 | iPg | 16 00 13 | iSg 00 14.5. D=13km. |
| 30 | eiPg | 07 43 49 | eiSg 43 53. Lm 43 57. D=34km. 1s 0.05 μ . |
| 30 | iPg | 09 10 06.5 | iSg 10 10.0, Lm 10 13. D=30km. 0.8s 0.1 μ . |
| 30 | iPg | 13 07 23 6 | iSg 07 25.1, Lm 07 26.5. D=13km. 1s 0.2 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 3 | eiPg | 10 54 48.5 | eiSg 54 58, Lm 55 01. D=80km. |
| 3 | e | 14 36 02.5 | Lm 36 04.5. |
| 3 | e | 15 00 05 | Lm 00 12. 1s 0.01 μ . |
| 4 | e | 12 02 57 | eiSg 02 04.5, Lm 02 10. |
| 4 | eiPg | 12 39 42 | eiSg 39 46, Lm 39 50. 1s 0.1 μ . |
| 4 | e | 12 53 35 | Lm 53 57. |
| 4 | eiPg | 15 18 47 | iSg 18 48.5. D=13km. |
| 5 | Lm | 04 08 55 | Lm 09 01. 1s 0.01 μ . |
| 5 | eSg | 11 08 56 | iSg 22 37.8. D=30km. |
| 5 | eiPg | 12 22 43.3 | iSg 59 57.7, Lm 13 00 03. D=55km. |
| 5 | iPg | 12 59 51.2 | |
| 5 | e | 13 04 08 | |
| 5 | iPg | 13 53 11.2 | iSg 53 14.7, Lm 53 19. 1s 0.02 μ . |
| 5 | ei | 23 40 14 | Lm 40 21. 1s 0.01 μ . |
| 6 | eiSg | 01 04 54.5 | L 04 58.5, Lm 05 01. 1s 0.01 μ . |
| 6 | iPg | 10 59 08.7 | iSg 59 10.2, Lm 59 11. D=13km. 0 4s 0.01 μ . |
| 7 | eiPg | 08 01 56.5 | eiSg 02 08, Lm 02 12. D=98km. 1s 0.03 μ . |
| 7 | eiPg | 08 24 36 | eSg 24 46, Lm 24 50. D=85km. 1s 0.03 μ . |
| 7 | e | 08 44 07 | eiSg 44 11.8, Lm 44 14.5. 1s 0.03 μ . |
| 7 | iPg | 12 18 36.9 | iSg 18 40.9, Lm 18 43. D=34km. 1s 0.08 μ . |
| 7 | ePg | 12 41 14.7 | eiSg 41 19.4, Lm 41 33. D=40km. 1s 0.08 μ . |
| 7 | ePg | 13 14 51.3 | iSg 14 58.8. D=64km. |
| 7 | e | 20 01 47 | Lm 01 55. |
| 8 | Lm | 00 39 46 | |
| 9 | e | 00 45 33 | Lm 45 37. |
| 9 | ei | 05 37 34 | eSg 37 37, Lm 37 42. 1s 0.01 μ . |
| 9 | ei | 11 55 31 | |
| 9 | e | 22 06 17 | eiSg 06 20, Lm 06 27, 1s 0.02 μ . |
| 10 | eSg | 01 45 54 | |
| 10 | ei | 02 04 57 | Lm 05 05. |
| 10 | ePg | 12 23 14 | eiSg 23 18, Lm 23 25, D=34km. 1s 0.01 μ . |
| 11 | ePg | 11 36 49 | iSg 36 58.5, Lm 37 02. D=81km. 1s 0.03 μ . |
| 11 | eiSg | 12 01 55.5 | Lm 02 02. 1s 0.01 μ . |
| 11 | iPg | 12 31 55.0 | eiSg 31 58, i 31 59.5, Lm 32 02.5. D= =26km. 0.8s 0.07 μ . |
| 11 | e | 16 09 26 | Lm 09 31. 1s 0.01 μ . |
| 11 | e | 16 54 57 | Lm 55 04. 1s 0.01 μ . |
| 12 | eSg | 01 31 31 | L 31 35, Lm 31 38. 1s 0.01 μ . |
| 12 | iPg | 11 37 21.4 | eiSg 37 29.9, Lm 37 34. D=72km. 1s 0.02 μ . |
| 12 | e | 11 57 04 | eiSg 07 04.3, Lm 07 09. 1s 0.01 μ . |
| 12 | ei | 21 07 02 | eiSg 07 04.3, Lm 07 09. 1s 0.01 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 13 | eiPg | 09 17 43.2 | iSg 17 46, Lm 17 49. D=24km. 0.7s 0.03 μ |
| 13 | e | 10 57 54 | |
| 13 | i(Sg) | 10 58 45 | |
| 13 | iPg | 12 20 34.2 | iSg 20 37.7, Lm 20 40. D=30km. 0.7s 0.07 μ . |
| 13 | iSg | 12 41 29.7 | Lm 41 33, 1s 0.1 μ . |
| 13 | e | 21 14 19 | eiSg 14 24. |
| 13 | ei | 23 14 29.5 | Lm 14 36. |
| 14 | ePg | 10 10 23 | eSg 10 30.5, Lm 10 36. D=64km. 1s 0.01 μ . |
| 14 | iPg | 11 14 15 | iSg 14 16.5, Lm 14 17.5. D=13km. 0.5s 0.1 μ . |
| 14 | eiPg | 12 58 31.5 | iSg 58 33.0, Lm 58 33.5. D=13km. 0.4s 0.13 μ . |
| 14 | e | 15 02 08 | |
| 14 | e | 15 40 34 | |
| 15 | ei | 03 11 53 | Lm 12 00. |
| 15 | eiPg | 09 52 03 | iSg 52 06.5. D=30km. |
| 15 | eSg | 10 34 10 | Lm 34 14. 1s 0.07 μ . |
| 18 | eSg | 12 41 08 | Lm 41 14. 0.8s 0.04 μ . |
| 18 | ei | 12 47 18 | Lm 47 26. 1s 0.01 μ . |
| 19 | e | 09 11 54 | Lm 11 56. |
| 19 | eiPg | 10 22 08.5 | eiSg 22 16.6, Lm 22 22. D=68km. 1s 0.01 μ |
| 19 | ei | 10 40 40 | |
| 19 | iPg | 11 42 18 | iSg 42 19.3, Lm 42 22. D=11km. 0.5s 0.16 μ . |
| 20 | eiPg | 08 40 00.5 | eiSg 46 05, Lm 46 08. D=38km. 1s 0.02 μ . |
| 20 | ei | 09 48 26 | Lm 48 31. |
| 20 | iPg | 12 20 22 | iSg 20 25.5, Lm 20 28.5. D=30km. 0.5s 0.09 μ . |
| 21 | iPg | 10 01 43.7 | eiSg 01 50.2. D=55km. |
| 21 | eiPg | 12 40 22.5 | iSg 40 27.0, Lm 40 32. D=38km. 1s 0.09 μ . |
| 21 | eiPg | 14 49 25 | iSg 49 26.5, Lm 49 27. D=13km. 0.5s 0.08 μ |
| 22 | ePg | 11 44 50 | iSg 44 52. Lm 44 55. D=17km. 1s 0.24 μ . |
| 22 | eiSg | 11 03 14 | Lm 03 17. |
| 22 | iPg | 11 16 30 | iSg 16 33, Lm 16 36. D=26km. 0.8s 0.07 μ . |
| 23 | e | 10 01 28 | ei 01 30.5, Lm 01 38. |
| 25 | ei | 08 49 35.5 | |
| 25 | e | 09 19 06 | Lm 19 09. |
| 25 | eiPg | 09 31 22.6 | iSg 31 26.6, Lm 31 28.5. D=34km. 1s 0.03 μ . |
| 25 | iPg | 13 00 07.2 | iSg 00 08.6, Lm 00 09.5. D=12km. 0.5s 0.1 μ . |
| 25 | i | 19 43 42.6 | Lm 43 47. 1s 0.02 μ . |

| Date | Phase | h m s | Remarks |
|-----------|-------|------------|--|
| 26 | eiPg | 07 38 14 | eiSg 38 21.5. Lm 38 27.5. D=63km. 1s 0.01 μ . |
| 26 | e | 16 39 52 | eiSg 39 56, Lm 40 03. 1s 0.02 μ . |
| 27 | eiPg | 02 45 43 | eiSg 45 47.5, Lm 45 55. D=39km. 1s 0.03 μ . |
| 27 | iPg | 12 01 26 | iSg 01 37.5. D=98km. |
| 27 | i | 12 05 22 | i 05 31.3. |
| 27 | iPg | 12 22 57 | iSg 23 01, Lm 23 03. D=34km. 1s 0.06 μ . |
| 27 | iPg | 14 37 55.8 | iSg 37 57.3. D=14km. |
| 27 | iPg | 15 02 49.8 | iSg 02 59.8. D=85km. |
| 27 | iPg | 17 44 01.6 | iSg 44 05.5, Lm 44 13. D=34km. 1s 0.01 μ . |
| 27 | ei | 20 42 35 | iSg 42 40. |
| 28 | e | 09 20 25 | |
| 28 | eiPg | 09 50 14 | ei 50 24.5, eiSg 50 26. D=1 $^{\circ}$. |
| 28 | iPg | 11 00 42.5 | iSg 00 43.8. Lm 00 44.3. D=12km. |
| 28 | iPg | 11 55 59.5 | ei 56 03, Lm 56 09.5. 0.7s 0.03 μ . |
| 28 | ePg | 12 35 35 | iSg 35 38.5, Lm 35 41. D=30km. 0.6s 0.02 μ |
| 31 | eiPg | 12 37 09 | i 37 17, Lm 37 19.5. 1s 0.03 μ . |
| 31 | iPg | 16 17 57 5 | iSg 17 59.0, Lm 17 59.5. D=13km. |
| 31 | eiSg | 22 43 48 | Lm 43 55. |
| June 1965 | | | |
| 1 | iPg | 11 07 49.5 | iSg 07 51.0, Lm 07 52. D=13km. 0.5s 0.15 μ . |
| 1 | e | 11 48 38 | Lm 48 42. 1s 0.01 μ . |
| 1 | eiPg | 12 40 07.5 | iSg 40 12.5, Lm 40 17. D=42km. 1s 0.07 μ . |
| 1 | iPg | 15 31 24.5 | eiSg 31 30, Lm 31 34. D=47km. |
| 1 | eiPg | 21 09 33.2 | ei 09 35.2, iSg 09 37.7, L 09 42, Lm 09 45. D=38km. 1s 0.03 μ . |
| 2 | ei | 10 36 19.5 | i 36 22.5, Lm 36 26. 1s 0.01 μ . |
| 3 | eiPg | 10 59 59.3 | iSg 11 00 11.8. D=105km. |
| 3 | e | 13 04 03 | Lm 04 07. |
| 4 | e | 11 25 11 | Lm 25 19. |
| 4 | eiPg | 12 26 11 | eiSg 26 15, Lm 26 19. D=42km. 0.7s 0.09 μ |
| 4 | e | 12 43 35 | Lm 43 40. |
| 5 | e | 10 39 01 | eSg 39 04.7, Lm 39 07. D=32km. 0.8s 0.05 μ . |
| 6 | e | 04 37 16 | Lm 37 24. |
| 6 | e | 09 38 17 | Lm 38 20. 1s 0.05 μ . |
| 8 | ei | 06 52.5 .5 | Lm 00 55. 1s 0.01 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 8 | ei | 06 00 52.5 | Lm 00 55. 1s 0.01 μ . |
| 8 | e | 12 02 32 | |
| 8 | ePg | 12 35 19.5 | eiSg 35 25, Lm 35 27. 1s 0.04 μ . |
| 9 | e | 09 31 09 | |
| 9 | e | 11 20 17 | eiSg 20 29.5, Lm 20 33. |
| 9 | ePg | 13 35 15 | eiSg 35 25. D=85km. |
| 10 | e | 12 03 28 | ei 03 38, Lm 03 40. 1s 0.01 μ . |
| 10 | iPg | 12 22 28 | eiSg 22 32, Lm 22 35. D=34km. 0.7s 0.06 μ . |
| 10 | e | 12 38 26 | eSg 38 30.5, Lm 38 35. 1s 0.09 μ . |
| 10 | eSg | 18 50 21 | Lm 50 29. 1s 0.01 μ . |
| 10 | e | 21 01 38.5 | eiSg 01 41, L 01 45, Lm 01 49.5. 1s 0.02 μ . |
| 11 | eiPg | 11 00 42 | iSg 00 44.5. D=21km. |
| 11 | iPg | 11 48 28 | iSg 48 31.5, Lm 48 34. D=30km. 0.7s 0.07 μ . |
| 11 | iPg | 12 02 38.0 | iSg 02 39.5, Lm 02 41. D=13km. 0.5s 0.16 μ . |
| 12 | e | 08 09 25 | eiSg 09 37. |
| 12 | ei | 09 07 05.5 | eiSg 07 09.5, Lm 07 13. 1s 0.03 μ . |
| 12 | eiSg | 22 57 40.4 | Lm 57 48, 1s 0.01 μ . |
| 14 | iPg | 09 35 05 | D=90km. iSg 35 15.5. |
| 14 | eiSg | 11 51 25 | Lm 51 30. 1s 0.01 μ . |
| 15 | e | 09 03 09 | eiSg 03 19. |
| 15 | e | 09 10 37 | iSg 10 41, Lm 10 44. 0.5s 0.06 μ . |
| 15 | ei | 11 59 57.5 | Lm 12 00.05. 1s 0.01 μ . |
| 15 | iPg | 12 15 37.5 | iSg 15 39.5, Lm 15 41.5. D=17km. 0.5s 0.32 μ . |
| 15 | ei | 16 00 47.5 | Lm 00 49.5. 0.3s 0.06 μ . |
| 16 | eiPg | 04 59 45 | iSg 59 56.5. D=98km. |
| 16 | e | 11 08 15 | eiSg 08 18.5, Lm 08 19. 1s 0.02 μ . |
| 16 | iPg | 18 05 13.3 | iSg 05 17.8, L 05 21.5, Lm 05 26. D=39km. 1s 0.09 μ . |
| 17 | eiPg | 06 01 03.2 | eiSg 01 08.2. D=45km. |
| 17 | eiPg | 08 15 44 | iSg 15 52, Lm 15 57. D=68km. |
| 17 | iPg | 11 05 04.0 | iSg 05 05.5, Lm 05 06. D=13km. 0.5s 0.07 μ . |
| 17 | iPg | 12 02 36 | eiSg 02 38.5, Lm 02 40. D=21km. 1s 0.1 μ . |
| 17 | ei | 18 51 08 | iSg 51 12, Lm 51 14. 1s 0.01 μ . |
| 18 | iPg | 09 04 10.5 | ei 04 12.5. Lm 04 13. |
| 18 | ei | 10 18 28.5 | eiSg 18 34.5, Lm 18 39. 1s 0.01 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 18 | eiSg | 11 50 24.5 | Lm 50 32. 1s 0.02 μ . |
| 18 | iSg | 12 15 54 | Lm 15 57. 0.7s 0.03 μ . |
| 18 | eiPg | 12 38 41 | eiSg 38 48.5, Lm 38 49. 1s 0.03 μ . |
| 18 | iPg | 12 51 17 | eiSg 51 18.5. D=13km. |
| 19 | e | 10 08 46 | eiSg 08 49.0, L 08 53, Lm 08 56. 1s 0.02 μ . |
| 19 | e | 10 31 57 | ei 32 02, Lm 32 05. 1s 0.06 μ . |
| 19 | iPg | 10 36 13.0 | iSg 36 16.7, Lm 36 19.5. D=32km. 0.8s 0.15 μ . |
| 20 | eiSg | 04 32 16.3 | L 32 20.8, Lm 32 24. 1s 0.01 μ . |
| 21 | iPg | 12 23 29.0 | iSg 23 36.0, Lm 23 40. D=60km. 0.6s 0.08 μ . |
| 21 | eiSg | 12 38 12 | Lm 38 16. 1s 0.06 μ . |
| 22 | eiSg | 00 11 35 | Lm 11 41. 1s 0.01 μ . |
| 22 | eiPg | 09 19 22.5 | iSg 19 34. D=98km. |
| 22 | eiPg | 13 08 33 | eiSg 08 39, Lm 08 45. D=51km. 0.6s 0.04 μ . |
| 22 | ei | 16 56 51 | Lm 56 54. 0.7s 0.06 μ . |
| 22 | ei | 17 13 40 | Lm 13 43. |
| 24 | eiPg | 06 00 29.5 | ei 00 36, iSg 00 38, Lm 00 46. D=73km. 1s 0.05 μ . |
| 24 | ePg | 12 18 21 | iSg 18 24.5, Lm 18 26. D=29km. 0.5s 0.03 μ . |
| 25 | e | 08 27 13 | eiSg 27 20, Lm 27 25. 1s 0.01 μ . |
| 25 | iPg | 09 42 14 | iSg 42 17.0. Lm 42 21. D=27km. 1s 0.03 μ . |
| 25 | ei | 11 52 35 | |
| 25 | eiPg | 12 41 12 | iSg 41 15.5, Lm 41 17. D=30km. 1s 0.04 μ . |
| 25 | ei | 16 50 41 | eiSg 50 43.5, Lm 50 48. 1s 0.09 μ . |
| 26 | iPg | 11 21 43.5 | iSg 21 44.8, Lm 21 45.5. D=11km. 0.5s 0.27 μ . |
| 28 | eiPg | 12 41 00 | iSg 41 03.5, Lm 41 07. D=11km. 0.5s 0.04 μ . |
| 29 | iPg | 12 22 33.0 | iSg 22 36.5, Lm 22 39. D=29km. 1s 0.04 μ . |
| 29 | iPg | 15 32 14.5 | i 32 16.5, iSg 32 19.0, L 32 23. Lm 32 26. D=38km. 1s 0.07 μ . |
| 29 | ei | 16 30 01 | eiSg 30 04.7, Lm 30 08. 1s 0.02 μ . |
| 30 | iPg | 09 00 13 | iSg 00 15.5, Lm 00 17. D=21km. 0.5s 0.46 μ . |
| 30 | ePg | 13 12 50 | iSg 12 54.5, Lm 12 58. D=38km. 1s 0.06 μ . |
| 30 | eiPg | 16 01 35 | ei 01 39.5. Lm 01 42. |

Seismic observations of the station Praha

January - June 1965

J. Janský

Instruments:

I = Seismograph Wiechert, mass 1000 kg, air damping, components N, E, mechanic registration.

II = Seismograph Kirnos, components N, E, Z, galvanometric registration.

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

Elevation: $h = 225$ m.

Lithologic foundation: ordovicien (Zahořany layers).

Constants 1965

PRAHA

| Instrument | Compt. | NS | | | EW | | |
|-------------------|----------|-------|-------|--------------|-------|------------|--------------|
| | Month | T_0 | V_0 | $\epsilon:1$ | T_0 | V_0 | $\epsilon:1$ |
| I | January | 8.9 | 154 | 3.4 | 9.3 | 175 | 4.8 |
| | February | 9.2 | 196 | 3.8 | 9.3 | 172 | 3.9 |
| | March | 8.9 | 217 | 3.5 | 8.9 | 196 | 3.8 |
| | April | 9.3 | 151 | 3.9 | 9.1 | 200 | 3.8 |
| | May | 9.3 | 179 | 3.7 | 9.6 | 144 | 3.5 |
| | June | 8.9 | 190 | 4.4 | 9.0 | 189 | 4.0 |
| II | Compt. | T_1 | T_2 | D_1 | D_2 | σ^2 | V |
| January - June | NS | 12.18 | 1.23 | 0.430 | 4.77 | 0.0144 | 610 |
| | EW | 12.36 | 1.20 | 0.430 | 4.95 | 0.0107 | 560 |
| | Z | 13.00 | 1.14 | 0.455 | 4.50 | 0.180 | 530 |

| Date | Phase | h m s | Remarks |
|------|--|---|--|
| 1 | e | 19 10 12 | Austria. Dc=2.5°. |
| 1 | eP ePP eS e e eQ Rm | 21 42 17 42 34 45 30 45 34 46 16 46.7 51.5 | Algeria. MLH=5.3 Praha. Dc=16.1°. RMH: 9.5s 9.6μ. |
| 2 | ePP Lm | 14 01 44 47 | Mariana Islands. Dc=98.8°. |
| 5 | e e | 10 58 29 58 46 | Explosions of 3.5 tons. Dc=58km. |
| 5 | ePKP | 18 25 48 | Tonga Islands. Dc=149.7°. |
| 7 | eP | 10 26 08 | Dodecanese Islands. Dc=16.2°. |
| 10 | eP | 02 54 37 | D.E. Rumania. Dc=9.1°. |
| 10 | e ePP ePKS ePPP e eSS Lm | 13 55 51 58 34 59 27 14 01 15 10 30 16 43 15 02 | New Hebrides Islands. MLH=6.7 Praha. D= =135°, Dc=137.0°. LmH:18s 15μ, LmV:18s 17μ. |
| 10 | ePn e | 20 11 49 12 50 | Yugoslavia. Dc=6.9°. |
| 11 | epP | 20 26 46 | Japan. Dc=75.7°. |
| 11 | eiP | 22 58 41.5 | Kurile Islands. Dc=75.6°. |
| 12 | eiPKP | 05 01 06.5 | Tonga Islands. Dc=150.3°. |
| 12 | eiP eiPP Lm | 13 42 26.6 44 33.7 14 10.5 | C. Nepal. MLH=5.9 Praha. Dc=59.0°. LmH: 13s 5.7μ, LmV:13s 5.8μ. |
| 15 | ePKP ePKP2 | 03 49 05 49 11 | Tonga Islands. Dc=149.1°. |
| 15 | eiP ePP | 06 07 39.5 09 10 | Eastern Kazakh. Dc=40.2°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------------|---|---|
| 15 | eP Lm | 23 51 16 58.5 | Algeria. MLH=5.0 Praha. Dc=16.1°. LmH: 14s 8.5μ. |
| 21 | ePKIKP | 02 24 22 | Tonga Islands. Dc=145.4°. |
| 23 | ei ePg e eSg | 02 41 11.5 41 29 42 22 42 56 | Yugoslavia. Dc=6.0°. |
| 23 | ei | 13 28 31.6 | |
| 24 | eP ePP ePPP eSKS eS Lm | 00 25 27 29 51 32 10 36 18 37 25 01 13 | Ceram Sea. MLH=7.3 Praha. Dc=105.5°. LmH:21s 11μ. |
| 25 | eP | 12 23 12 | Cyprus. Dc=20.4°. |
| 26 | eP | 23 59 45 | Japan. Dc=81.6°. |
| 28 | ei | 13 00 52.6 | |
| 29 | eiP | 09 46 47.5 | Kamchatka. Dc=72.1°. |
| 29 | ei | 19 56 20.5 | |
| 29 | eiP | 23 43 12.5 | Mediterranean Sea. Dc=17.8°. |
| 30 | eSg | 09 00 52 | |
| 31 | eSg | 17 27 16 | |

| Date | Phase | h m s | Remarks |
|------|--|--|--|
| 1 | eiPKP | 05 45 56.3 | West of Tonga. Dc=147.1°. |
| 2 | eiPKP epPKP | 10 17 47.1 18 37 | Fiji Islands. Dc=150.3°. |
| 2 | eiP ei ePP ePPP eScS Lm | 16 04 53.5 05 35.2 06 32 07 43 14 38 22 | Tadzhikistan. MLH=6.0 Praha. Dc=43.2°. LmH: 12s 10μ, LmV:11s 4.6μ. |
| 4 | eiP e Lm | 05 13 18.7 22 38 50 | Aleutian Islands. MLH=8.3 Praha. Dc= =78.2°. LmH:16s 1050μ. |
| 4 | eP ei Lm | 08 52 41 09 03 34.7 33 | Aleutian Islands. MLH=7.6 Praha. Dc= =78.2°. LmH:19s 250μ. |
| 4 | iP eiPP eiPPP eS ePS eSS Lm | 12 17 50.6 20 37.1 22 24.6 27 32 28 10 32.5 54 | C. Aleutian Islands. MLH=6.7 Praha. D= =76.5°, Dc=75.9°. LmH:16s 29μ, LmV: 15s 17μ. |
| 4 | eiP ePcP ePP ePPP eS ePS eSS eSSS Lm | 14 30 11.3 30 22 33 02 34 46 39 49 40 26 44 46 48 00 15 05.5 | C. Aleutian Islands. MLH=6.4 Praha. D= =76°, Dc=75.5°. LmH:17.5s 19μ, LmV: 18s 12μ. |
| 4 | eiP e e Lm | 16 03 06.5 03 12 05 12 44 | C. Aleutian Islands. MLH=5.5 Praha. Dc= =75.5°. LmH:14s 1.7μ, LmV:13s 1.4μ. |
| 4 | eP | 18 46 06 | Aleutian Islands. Dc=77.8°. |
| 4 | eP | 19 06 34 | North Atlantic Ridge. Dc=60.1°. |
| 4 | eP eS Lm | 19 54 14 20 02 44 15 | North Atlantic Ridge. MLH=5.3 Praha. D= =60.5°, Dc=60.3°. LmH:12s 1.4μ, LmV: 14s 2.2μ. |

| Date | Phase | h m s | Remarks |
|------|---|---|---|
| 5 | eP | 03 10 32 | Aleutian Islands. Dc=77.8°. |
| 5 | iP e eS e Lm | 09 43 57.8 47 06 53 38 54 40 10 24 | C. Aleutian Islands. MLH=5.8 Praha. Dc= =76.6°. LmH:13s 3.0μ, LmV:14s 4.8μ. |
| 5 | ePg e | 12 00 28 00 36 | Explosion of 26.7 tons. Dc=63km. |
| 5 | eP | 13 50 37 | D. Aleutian Islands. Dc=76.9°. |
| 5 | e | 19 12 41 | Aleutian Islands. Dc=76.6°. |
| 5 | eP Lm | 20 59 05 21 48 | C. Aleutian Islands. MLH=5.6 Praha. Dc= =77.1°. LmH:13s 2.2μ, LmV:14s 2.1μ. |
| 5 | eP e | 22 27 54 28 12 | Aleutian Islands. Dc=77.7°. |
| 6 | iP eiPP ePPP eS eiS ePPS Lm | 01 52 26.4 55 22.5 57 13 02 02 16.2 03 20 40.7 | D. N. South of Alaska. MPV=7.2, MSH=6.6, MLH=6.2 Praha. D=78.3°, Dc=77.2°. PV: 7.5s 15μ, SH:9s 4.7μ, LmH:14s 6.5μ, LmV:14s 8.4μ. |
| 6 | eP ePcP eS ePPS | 04 14 44 14 55 24 30 25 26 | C. Aleutian Islands. Dc=77.1°. |
| 6 | eiP | 07 26 34.4 | Aleutian Islands. Dc=76.7°. |
| 6 | eP | 08 58 43 | Aleutian Islands. Dc=77.0° |
| 6 | eP | 12 34 19 | Aleutian Islands. Dc=77.3°. |
| 6 | eiP eiPP eiS Lm | 17 02 20.1 05 14.8 12 10.2 50.5 | D. South of Alaska. MPV=6.8, MLH=6.0 Praha. D=78°, Dc=77.1°. PV:8.5s 6.5μ, LmH:14s 5.3μ, LmV:15s 10μ. |
| 7 | eP | 01 12 02 | Aleutian Islands. Dc=76.3°. |
| 7 | eiP Lm | 02 29 00.9 03 12 | Aleutian Islands. MLH=5.2 Praha. Dc= =77.5°. LmH:11.5s 1.0μ, LmV:12s 0.9μ. |

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 7 | eP | 11 35 03 | Aleutian Islands. Dc=76.4° |
| 8 | eP eiPcP ePP eS ePFS Lm | 15 58 14 58 25.4 16 00 59 07 35 08 25 35 | Komandorsky Islands Region. MLH=5.9 Praha. D=72°, Dc=72.5°. LmH:16s 5.3μ, LmV:16s 7.5μ. |
| 9 | eiP | 17 48 59.9 | Aleutian Islands. Dc=75.9°. |
| 9 | e Lm | 20 45 04 47 | Ionian Sea. MLH=4.6 Praha. Dc=12.7°. LmH:9.5s 2.5μ, LmV:9s 2.0μ. |
| 11 | ePKP epPKP | 02 53 01 53 46 | West of Tonga. Dc=150.5°. |
| 11 | eiP | 04 51 45.4 | North of Ascension Island. Dc=56.8°. |
| 12 | ePcP | 00 55 22 | Aleutian Islands. Dc=77.7°. |
| 12 | eP Lm | 01 06 57 47 | Aleutian Islands. MLH=5.6 Praha. Dc= =76.4°. LmH:15s 2.4μ, LmV:13s 1.9μ. |
| 14 | eiP Lm | 19 42 27.3 52 | Greenland Sea. Dc=23.5°. |
| 15 | Lm | 02 17 | Aleutian Islands. Dc=78.4°. |
| 15 | eP | 05 13 16 | Aleutian Islands. Dc=76.5°. |
| 15 | ei | 09 52 25.8 | Central Mid Atlantic Ridge. Dc=57.4°. |
| 15 | eiP | 10 57 09.7 | Talud Islands. Dc=101.3°. |
| 15 | eiP ei ePP Lm | 12 42 32.0 42 35.8 44 08 13 00 | Central Russia. MLH=5.2 Praha. Dc=40.1°. LmH:10s 1.1μ, LmV:11s 3.4μ. |
| 16 | eiP Lm | 12 36 15.7 13 15 | C. Japan. MLH=5.7 Praha. Dc=80.1°. LmH: 17s 3.0μ, LmV:16s 2.8μ. |
| 17 | eP | 10 30 41 | Aleutian Islands. Dc=77.6°. |
| 18 | e Lm | 23 26 12 00 04 | Aleutian Sea. MLH=5.7 Praha. Dc=78.1°. LmH:20s 3.5μ, LmV:20s 4.1μ. |

| Date | Phase | h m s | Remarks |
|------|---|--|---|
| 21 | ePKIKP | 11 33 50 | Tonga Islands. Dc=144.8°. |
| 22 | e | 09 26 45 | Aleutian Islands. Dc=76.9°. |
| 23 | e | 02 35 09 | Yugoslavia. Dc=6.1°. |
| 23 | e e ePP e ePPP e eSKS eS ePS eSS Lm | 22 26 17 29 10 30 19 30 39 32 27 34 42 36 40 37 57 39 38 45 12 23 20 | Near Coast of Northern Chile. MLH=6.6 Praha. Dc=106.3°. SH:10.5s 7.5μ, LmH: 16.5s 11.3μ, LmV:17s 13.2μ. |
| 25 | ePKIKP ePP | 05 10 23 12 02 | New Britain Region. Dc=123.0°. |
| 25 | eP ePcP e Lm | 05 34 04 34 14 37 00 06 11.8 | Aleutian Islands. MLH=6.2 Praha. Dc= =76.7°. LmH:17s 11μ, LmV:16s 12μ. |
| 25 | eP | 16 17 27 | Philippine Islands. Dc=85.8°. |
| 26 | Lm | 02 05 | Persia. MLH=4.6 Praha. Dc=34.4°. LmH: 11s 0.7μ, LmV:10s 0.8μ. |
| 26 | ePKHKP | 05 02 17 | West of Tonga. Dc=147.6°. |
| 26 | eiPKHKP | 05 55 43.5 | West of Tonga. Dc=148.0°. |
| 26 | Lm | 10 02 | Southwest of Sumatra. MLH=5.3 Praha. Dc= =94.0°. LmH:11s 0.7μ, LmV:12s 1.0μ. |
| 27 | Lm | 08 45 | Gulf of California. MLH=6.0 Praha. Dc= =88.6°. LmH:14s 4.8μ, LmV:13s 4.5μ. |
| 27 | e | 11 37 04 | Algeria. Dc=26.9°. |
| 28 | ei | 00 30 31.5 | Yugoslavia. Dc=4.1°. |

| Date | Phase | h m s | Remarks |
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| 1 | e | 08 31 33 | Taiwan. Dc=84.2°. |
| 1 | Lm | 08 36 | New Britain. Dc=123.1°. |
| 1 | eP | 13 33 28 | Taiwan Region. Dc=84.1°. |
| 1 | ePcP | 19 34 04 | Aleutian Islands. Dc=76.7°. |
| 1 | eiP ePP eS ePS Lm | 21 44 58 0 48 10 55 24 56 18 22 25.8 | Mexico - Guatemala. MLH=5.9 Praha. D= =86°, Dc=88.9°. LmH:17s 3.7μ, LmV: 17s 3.2μ. |
| 1 | ePKP | 22 10 55 | Fiji Islands. Dc=150.9°. |
| 2 | eP Lm | 22 03 45 10 | Turkey. MLH=5.3 Praha. Dc=15.1°. LmH: 11s 11μ, LmV:10s 14μ. |
| 3 | ei ePP Lm | 15 33 06.0 34 51 16 28.5 | New Britain Region. MLH=7.1 Praha. Dc= =122.9°. LmH:18s 34μ, LmV:20s 42μ. |
| 3 | iP | 16 59 10.4 | C. Aleutian Islands. Dc=75.5°. |
| 4 | Lm | 00 53.0 | France. Dc=10.5°. |
| 5 | eP | 18 11 03 | Aleutian Islands. Dc=76.7°. |
| 5 | eP | 23 41 07 | C. Aleutian Islands. Dc=75.5°. |
| 6 | eP eS | 20 36 29 46 59 | Philippine Islands. MLH=5.5 Praha. Dc= =85.1°. LmH:14s 1.4μ, LmV:15s 2.5μ. |
| 7 | ePKIKP Lm | 02 03 02 03 23 | Kermadec Region. Dc=158.1°. |
| 7 | eP | 07 40 58 | Western Gulf of Aden. Dc=45.8°. |
| 7 | eP | 07 50 53 | Western Gulf of Aden. MLH=4.8 Praha. Dc= =45.9°. LmH:14.5s 1.1μ, LmV:15s 1.8μ. |
| 7 | e | 10 01 06 | |
| 9 | eiP iPP eS Lm | 18 00 53.0 01 02.7 03 15 07 | C.N.W. Aegean Sea. MLH=6.4 Praha. D= =11.6°, Dc=12.5°. LmH:10s 250μ. |

| Date | Phase | h m s | Remarks |
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| 9 | Lm | 19 55 | Aegean Sea. Dc=12.7°. |
| 9 | Lm | 21 29 | Aegean Sea. MLH=4.8 Praha. Dc=12.7°. LmH:10s 4.0μ, LmV:10s 4.2μ. |
| 9 | eL | 22 26 | Aegean Sea. Dc=12.7°. |
| 9 | Lm | 22 44 | Aegean Sea. MLH=4.7 Praha. Dc=12.6°. LmH:10s 3.6μ, LmV:10s 4.7μ. |
| 10 | Lm | 01 45 | Aegean Sea. MLH=4.7 Praha. Dc=12.7°. LmH:10.5s 3.8μ, LmV:10s 5.2μ. |
| 10 | e | 05 52 37 | Western Iran. Dc=30.8°. |
| 10 | ePKIKP | 16 12 25 | Fiji Islands. Dc=149.7°. |
| 11 | eP | 12 19 26 5 | Aleutian Islands. Dc=75.4°. |
| 12 | Lm | 20 22.5 | Southern Italy. MLH=4.3 Praha. Dc=11.4°. LmH:7s 1.2μ, LmV:8s 1.3μ. |
| 13 | ei Lm | 04 12 40.5 19 | Aegean Sea. MLH=5.3 Praha. Dc=12.7°. LmH:10s 14μ, LmV:10s 18μ. |
| 13 | eiP | 07 45 16.9 | Alaska. Dc=77.2°. |
| 13 | eiPKP | 14 13 27.7 | Fiji Islands Region. Dc=149.0°. |
| 14 | iP i eisP eiPcP eiPP i ePPP i ei eS Lm | 16 00 41.0 01 06.1 01 53.0 02 23.3 02 35.0 02 55.0 03 30 04 25.4 05 17.3 06 42 15.0 | C.S.W. Hindu Kush. MPV=6.7, MPH=6.9. MSH=7.2, MLH=7.1 Praha. D=42.5°, Dc= =42.2°. PV:10s 28μ, PH:7s 21μ, SH: 9s 60μ, LmH:8.5s 110μ. |
| 15 | eiSg | 18 56 40.0 | |
| 15 | eiSg | 19 49 36.1 | |
| 16 | eP | 02 23 09 | South Atlantic Ridge. Dc=76.7°. |

| Date | Phase | h m s | Remarks |
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| 16 | iP ePcP ePP e(PPP) eS ePPS Lm | 16 58 53.3 58 27 17 01 23 03 03 08 11 09 20 33.5 | C. Japan. MLH=6.5 Praha. D=79.6°, Dc= =78.9°. LmH:15s 19μ, LmV:17s 7.4μ. |
| 18 | PKIKP | 16 34 39.8 | West of Tonga Islands. Dc=145.9°. |
| 19 | ei(L) | 10 31 29.3 | Explosion of 3.2 Tons. Dc=12km. |
| 19 | e ePP Lm | 16 38 49 38 52 17 26 | Celebes. Dc=101.2°. |
| 19 | e | 17 56 01 | Fiji Islands. Dc=148.1°. |
| 19 | eiPKP | 23 52 22.9 | Tonga Islands. Dc=149.2°. |
| 20 | eiL | 07 59 34.4 | Explosion of 8.2 tons. Dc=79km. |
| 21 | e ePP e ePKS ePS ePPS Lm | 11 26 34 26 52 29 12 30 11 36 13 37 13 12 13.5 | Molucca Sea. MLH=6.3 Praha. D=107.3°, Dc=105.1°. LmH:19s 8.6μ, LmV:17s 9.2μ. |
| 22 | eiPKIKP ei eiPP Lm | 03 04 21.8 06 12.5 07 43.7 04 13.5 | Tonga Islands. MLH=6.4 Praha. Dc=144.8°. LmH:18s 7.2μ, LmV:19s 8.7μ. |
| 23 | eiPKIKP | 18 35 39.1 | Tonga Islands. Dc=150°. |
| 24 | eiPKIKP | 00 13 39.6 | Tonga Islands. Dc=150°. |
| 24 | ei | 08 22 06.7 | |
| 24 | e | 08 30 26 | |
| 25 | eP | 09 05 03 | Aleutian Islands. Dc=76.4°. |
| 26 | iPKHKP | 00 39 39.6 | West of Tonga. Dc=148.5°. |
| 27 | eSg | 03 13 58 | Germany. Dc=3.9°. |

| Date | Phase | h m s | Remarks |
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| 27 | eiPg eSg | 10 38 01.9 38 05 | Explosion of 7 tons. Dc=12km. |
| 27 | ei(Sg) | 22 00 11.9 | |
| 27 | eSg | 22 38 20 | Italy. Dc=3.7°. |
| 28 | iP e Lm | 13 34 18.6 36 46 14 11.5 | C. Kamchatka. MLH=5.8 Praha. Dc=71.7°. LmH:13s 2.9μ, LmV:13s 3.9μ. |
| 28 | iP e e e ePP ePPP iSKS eiS ePS Lm | 16 47 47.9 48 51 51 02 51 44 52 20 54 42 58 21.2 17 00 00.9 02 00 40 | Central Chile. MPPH=7.5, MLH=7.4 Praha. D=111°, Dc=111.5°. PPH:5.5s 4.7μ, PPV: 7s 11.6μ, LmH:21s 88μ, LmV:21s 145μ. |
| 29 | iP eiPP eiS e(ScS) Lm | 10 59 39.8 11 02 18.9 09 35.5 09 53 39 | C. S. Japan. MPV=7.0. MSH=6.3, MLH=6.4 Praha. D=79.3°, Dc=78.9°. PV:4s 5μ, SH:7s 1.8μ, LmH:16.5s 20μ, LmV:16s 19μ. |
| 30 | e | 00 17 32 | Kermadec Islands. Dc=156.8°. |
| 30 | iPKP e ePP Lm | 00 40 46.9 41 17 44 24 01 56 | Tonga Islands. Dc=149.6°. |
| 30 | eiP iPcP ei eiPP eiPPP eS ePS e(PPS) eSS Lm | 02 39 08.0 39 11.9 41 07.3 42 10.6 44 00 49 08 49 44 50 12 54 15 03 13 | Aleutian Islands. MSH=6.9 MLH=7.5 Praha, D=79°, Dc=79.1°. SH:12.5s 13μ, LmH: 19.5s 260μ. |
| 30 | eP Lm | 16 11 34 23 | Japan. MLH=5.4 Praha. Dc=78.8°. LmH: 9.5s 0.8μ, LmV:11s 0.6μ. |

| Date | Phase | h m s | Remarks |
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| 30 | e | 17 36 06 | Germany. Dc=3.9°. |
| 31 | iP eiPPP eiS Lm | 09 50 29.8 50 53.7 52 51.4 56 | N. W. Greece. MLH=6.3 Praha. D=12°, Dc=12.8°. LmH:8.5s 150μ. |
| 31 | Lm | 20 17.7 | Aegean Sea. MLH=4.8 Praha. Dc=12.7°. LmH:10s 4.1μ. |

| Date | Phase | h m s | Remarks |
|------|----------------------------|---|---|
| 1 | e e Lm | 21 40 31 44 12 23 00 | Easter Island Cordellera. MLH=5.7 Praha. Dc=147.4°. LmH:16s 1.1μ. |
| 2 | eP Lm | 22 34 15 49 30 | Hindu Kush Region. MLH=4.6 Praha. Dc=39.4°. LmH:9.5s 0.45μ, LmV:9s 0.5μ. |
| 3 | ePP eS Lm | 11 37 28 44 32 12 24 30 | Mexico. MLH=5.6 Praha. Dc=91.6°. LmH:14s 1.6μ, LmV:15s 2.0μ. |
| 3 | eP ePP | 11 42 22.4 45 52 | Mexico. Dc=91.4°. |
| 3 | e | 14 38 29 | Greece. Dc=12.5°. |
| 4 | eiP | 13 42 28.6 | Aleutian Islands. Dc=77.3°. |
| 5 | eiP ei iS e Lm | 03 16 04 16 36.3 18 44.4 19 31.6 21 | Greece. MLH=5.8 Praha. Dc=13.4°. LmH:10.5s 46μ, LmV:10s 22.5μ. |
| 5 | eiP e Lm | 14 04 07.9 06 36 42.3 | Kurile Islands. MLH=5.7 Praha. Dc=78.5°. LmH:14s 2.8μ, LmV:15s 2.7μ. |
| 6 | eP | 05 44 12 | C. Japan. Dc=81.6°. |
| 6 | eP ePP Lm | 09 56 13 10 00 28 52 | Northern Celebes. MLH=5.7 Praha. Dc=100.2°. LmH:12.5s 1.6μ, LmV:12s 1.5μ. |
| 7 | eFKP | 18 07 42.5 | Fiji Islands Region. Dc=149.2°. |
| 8 | eFKP | 13 10 06.1 | West of Tonga. Dc=146.1°. |
| 8 | eP ei e Lm | 13 55 38.5 55 46.6 56 05.1 14 35 | Aleutian Islands. MLH=5.9 Praha. Dc=76.6°. LmH:14s 4.6μ, LmV:13s 1.9μ. |
| 8 | eP | 14 43 01 | Aleutian Islands. Dc=76.8°. |
| 9 | ePKP2 | 11 06 04 | Kermadec Islands. Dc=160.3°. |

| Date | Phase | h m s | Remarks |
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| 10 | eiP eiPP eiPPP eiS Lm | 00 00 52 01 11.8 01 23.0 03 58 08.5 | Crete. MLH=6.0 Praha. D=16.3°, Dc=16.5°. LmH:10.5s 51.5μ, LmV:11s 50μ. |
| 10 | e | 13 00 43 | |
| 10 | Lm | 14 35 | Tadzikistan. MLH=5.3 Praha. Dc=43.1°. LmH:13.5s 2.8μ, LmV:12s 0.6μ. |
| 10 | ePKP Lm | 15 06 38.8 09 | Tonga Islands. MLH=5.9 Praha. Dc=149.8°. LmH:10.5s 1.3μ, LmV:11s 1.4μ. |
| 10 | eP | 17 06 42 | Aleutian Islands. Dc=75.4°. |
| 10 | eiPKP i | 22 51 26 51 29.6 | Fiji Islands. Dc=146.2°. |
| 11 | ePKP eiPKP2 ei e | 00 31 12 32 08.4 32 15.9 36 05.8 | New Zealand. Dc=164.1°. |
| 11 | ePKP pPKP | 19 10 32 12 38 | Fiji Islands. Dc=153.2°. |
| 12 | ePKP | 20 46 36 | Kermadec Islands. Dc=160.0°. |
| 12 | epP | 20 54 53 | Japan. Dc=86.1°. |
| 15 | ePKP | 23 59 35 | Tonga Islands. Dc=147.2°. |
| 16 | ePKP | 00 35 33.5 | Tonga Islands. Dc=151.2°. |
| 16 | eiP ei e(PcP) eiS Lm | 23 33 04.2 33 12 33 25 41 52 00 03.8 | Alaska. MLH=5.7 Praha. D=66°, Dc=65.6°. LmH:18s 4.1μ, LmV:15s 1.6μ. |
| 18 | eP | 06 46 23.1 | California. Dc=83.0°. |
| 18 | Lm | 10 41 | South Sandwich Islands. MLH=6.1 Praha. Dc=114.3°. LmH:18s 5.4μ, LmV:19s 6.3μ. |
| 18 | Lm | 13 44 | Sandwich Islands. Dc=114.3°. |

| Date | Phase | h m s | Remarks |
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| 19 | eiSg | 02 29 11.7 | Italy. Dc=3.8°. |
| 19 | e eS Lm | 23 54 27.5 00 04 26 29 | Japan. MLH=6.1 Praha. Dc=81.9°. LmH: 15.5s 7.2μ. |
| 20 | eP | 06 54 56 | Aleutian Islands. Dc=76.2°. |
| 21 | ePKP | 10 50 29 | Tonga Islands. Dc=150.3°. |
| 22 | eP | 18 47 53 | Aleutian Islands. Dc=77.3°. |
| 24 | Lm | 22 59 | Caroline Islands. MLH=5.9 Praha. Dc= =102.6°. LmH:17s 3.1μ, LmV:16s 4.5μ. |
| 25 | eP PP | 01 13 25.2 17 09.7 | Volcano Islands. MLH=6.0 Praha. Dc= =93.0°. LmH:15.5s 4.8μ, LmV:15s 5.0μ. |
| 25 | Lm | 22 22.6 | Ryukyu Islands. MLH=5.6 Praha. Dc=82.7°. LmH:14s 1.6μ, LmV:14s 2.1μ. |
| 26 | eP | 02 08 26 | Gulf of Alaska. Dc=70.0°. |
| 26 | ei eiL | 12 40 56.3 41 02.5 | |
| 26 | eiP ePcP e | 20 40 51.3 41 09.5 42 42.1 | C. Alaska. Dc=76.1°. |
| 26 | iP ePP eS ePS Lm | 22 28 12.5 31 25 38 37.2 39 26 23 07.5 | D. Taiwan. MLH=6.1 Praha. D=85°, Dc=84.0° LmH:15.5s 7.4μ, LmV:15s 5μ. |
| 27 | eiP eiPP ePPP Lm | 14 12 44 13 00.5 13 17.8 20.5 | Crete. MLH=5.5 Praha. D=17°, Dc=15.7°. LmH:9.5s 14.3μ, LmV:9s 23μ. |
| 29 | eP Lm | 09 50 44.3 58 | Dodecanese Islands. MLH=4.5 Praha. Dc= =15.6°. LmH:9.5s 1.7μ, LmV:10s 1.3μ. |

| Date | Phase | h m s | Remarks |
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| 29 | e ei ei(L) | 11 01 03.5 01 07.9 01 30.2 | Explosion of 15 tons. Dc=70km (Průhonice). |
| 29 | eiP iPcP ePPP eiS eiPS Lm | 15 40 28.8 40 45.7 40 04.5 50 08 50 35.8 16 15 | D. Washington State. MSH=7.0, MLH=6.7 Praha. D=76°, Dc=76.1°. SH:9s 15.7μ, LmH:18s 26μ, LmV:21s 47.2μ. |

| Date | Phase | h m s | Remarks |
|------|------------------------------|--|--|
| 1 | e Lm | 02 03 32 09 | Dodecanese Islands. Dc=15.6°. |
| 1 | eP | 21 38 57.8 | Alaska. Dc=68.9°. |
| 2 | ePP Lm | 07 29 13 08 10 | East China Sea. MLH=5.9 Praha. Dc=82.2°. LmH:14s 3.82μ, LmV:14s 5.2μ. |
| 3 | eS Lm | 10 25 19 57 | El Salvador. MLH=5.9 Praha. Dc=88.2°. LmH:17s 3.55μ, LmV:15s 3.2μ. |
| 4 | ei ePP e eSS Lm | 08 43 01.2 44 35 45 15.2 52 57 09 02.5 | Kirgiziya - Sinkiang. MLH=5.7 Praha. Dc=44.7°. LmH:11.5s 5.1μ, LmV:11s 7.8μ. |
| 8 | eiL Lm | 09 15 29.6 15 30.7 | Explosion of 11.4 tons. Dc=86km (Průhonice). |
| 10 | e e ei | 05 05 40.3 06 22.4 06 30.4 | Italy. D=6.2°, Dc=6.4°. |
| 11 | e e | 17 48 42.5 48 57 | Alaska. Dc=68.3°. |
| 12 | eiPP e e | 10 52 47 53 07 11 03 03 | Banda Sea. Dc=111.1°. |
| 15 | ePKP | 23 52 22 | Tonga Islands. Dc=145.4°. |
| 16 | e Lm | 01 40 04.1 47.8 | Dodecanese Islands. MLH=4.3 Praha. Dc=17.6°. LmH:10s 0.86μ, LmV:10s 0.7μ. |
| 16 | eP e(S) Lm | 11 34 27.6 38 24.6 45 | Turkey. Dc=21.1°. |
| 16 | e Lm | 12 50 02 30.5 | Philippine Islands. MLH=6.0 Praha. Dc=99.3°. LmH:14.5s 3.36μ, LmV:12s 0.7μ. |
| 17 | iP ei ePP eiS Lm | 17 31 52.9 32 24 35 24 42 16 18 13 | C. Taiwan. MLH=6.5 Praha. D=84.6°, Dc=83.2°. LmH:12.5s 14μ, LmV:14s 18.8μ. |

| Date | Phase | h m s | Remarks |
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| 18 | eP | 01 15 49.9 | Madagascar. Dc=74.2°. |
| 18 | eP | 22 58 25 | Kurile Islands. Dc=77.9°. |
| 19 | e | 06 21 09 | Sunda Strait. Dc=95.7°. |
| 19 | iPKP eiPKP2 | 23 51 02.5 51 09.2 | D. West of Tonga. Dc=149.2°. |
| 20 | ePKP ePP eiPKS eiPPP Im | 00 59 41 01 02 32.5 03 27 06 04.1 02 00 | New Hebrides Islands. MLH=7.3 Praha. Dc=138.4°. LmH:18s 60μ, LmV:21s 99μ. |
| 22 | eiPKIKP i eipPKP | 10 50 23.3 50 26.8 52 39.6 | West of Tonga. Dc=149.4°. |
| 22 | eP | 16 20 31.6 | South Atlantic Ridge. Dc=68.5°. |
| 22 | eL | 20 11 03 | Italy. Dc=6.3°. |
| 23 | eP | 07 57 34 | South Atlantic Ridge. Dc=68.5°. |
| 23 | e Im | 11 39 23.2 39 42.3 | Austria. Dc=2.4°. |
| 23 | eiP e ePP Im | 23 58 05 00 00 43.5 01 00 36 | (C) Aleutian Islands. MLH=5.8 Praha. Dc=76.9°. LmH:17s 4.0μ, LmV:18s 3.0μ. |
| 24 | eiP e eS e ePS Im | 23 34 20 36 54.1 45 08 45 39.5 46 40.2 00 19.6 | C. Philippine Islands. MLH=5.8 Praha. Dc=92.5°. LmH:17s 2.86μ, LmV:15s 3.0μ. |
| 25 | eSg | 03 31 03 | Germany. Dc=3.7°. |
| 25 | eP Im | 13 19 46 14 01.2 | Aleutian Islands. MLH=5.5 Praha. Dc= =78.3°. LmH:15s 1.86μ, LmV:16s 2.1μ. |
| 25 | ePKP | 18 54 04.6 | Fiji Islands. Dc=143.7°. |

| Date | Phase | h m s | Remarks |
|------|----------------|--------------------------------|--|
| 28 | e | 10 14 27.4 | Explosion of 5 tons. Dc=1.5°. |
| 29 | Im | 04 25.9 | Mediterranean Sea. MLH=4.4 Praha. Dc= =15.9°. LmH:11s 1.5μ, LmV:12s 2.2μ. |
| 29 | Im | 13 25.5 | Italy. Dc=7.3°. |
| 29 | eL | 13 43 45.5 | Italy. Dc=7.2°. |
| 29 | eSg | 14 25 56.4 | Poland. Dc=2.8°. |
| 29 | ePP Im | 16 01 19.5 17 30 | South Pacific Cordillera. Dc=166.6°. |
| 29 | Im | 17 13 05 | Italy. Dc=7.6°. |
| 31 | eiP Im | 02 13 32 35.7 | Kashmir. MLH=4.9 Praha. Dc=49.2°. LmH: 10s 0.64μ, LmV:10s 0.8μ. |
| 31 | eP epP e | 08 50 14 50 42 53 21.4 | Japan. Dc=81.8°. |
| 31 | e e ei | 09 25 18.1 25 51.3 26 18 | Italy. Dc=7.4°. |
| 31 | e e eL | 11 19 07 19 35 20.5 | Italy. Dc=7.3°. |
| 31 | e | 11 57 36 | Banda Sea. Dc=111.1°. |

| Date | Phase | h m s | Remarks |
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| 1 | eP | 08 02 03 | Nepal. Dc=55.1°. |
| 2 | eiPKP epPKP | 05 31 53 34 00 | Fiji Islands. Dc=151.3°. |
| 2 | ePKP | 15 04 29 | West of Tonga Islands. Dc=146.2°. |
| 2 | ePKP epPKP | 15 17 05 19 29.2 | West of Tonga Islands. Dc=146.3°. |
| 2 | eiP eiS Lm | 23 50 25.1 58 40.7 00 15.2 | North Atlantic Ridge. MLH=5.6 Praha. Dc= =59.5°, LmH:15s 3.3μ, LmV:17s 4.9μ. |
| 3 | eP | 07 55 29 | Aleutian Islands. Dc=77.2°. |
| 3 | eP e Lm | 11 08 37 08 49 43 | Dominican Republic. Dc=72.8°. |
| 3 | e | 12 39 19 | North Atlantic Ridge. Dc=59.4°. |
| 3 | e e Lm | 18 34 50 37 31 39.7 | Aegean Sea. Dc=12.0°. |
| 4 | eiSg eiL | 14 31 08.9 31 11 | Explosion? |
| 4 | ePKP2 | 15 46 58 | Kermadec Islands. Dc=157.6°. |
| 5 | eiSg | 03 46 34.9 | D=38km. |
| 5 | ePKP | 11 32 52 | Tonga Islands. Dc=145.3°. |
| 8 | Lm | 14 36 | Gulf of California. |
| 9 | ePKP | 17 18 04.5 | Tonga Islands. Dc=148.2°. |
| 10 | eP | 15 27 59 | Dodecanese Islands. Dc=16.1°. |
| 10 | Lm | 20 51 | North Atlantic Ridge. MLH=4.8 Praha. Dc=27.9°, LmH:12.5s 1.5μ, LmV:14s 2.0μ. |
| 11 | eiP | 02 49 27 | Aleutian Islands. Dc=77 1°. |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 11 | ePKP | 03 40 22 | Tonga Islands. Dc=146.3°. |
| 11 | iP i ei eiPP eiS eiSKS ePPS eSS Lm | 03 45 39.7 46 00 46 38 48 30 55 28 55 51 56 47 04 00 25 18 | C. Kurile Islands. MLH=7.5 Praha. D= =79°, Dc=77.9°. LmH:22s 245μ. |
| 11 | eiP | 04 56 51 | Kurile Islands. Dc=78.2°. |
| 11 | eiP | 06 09 08 | Kurile Islands. Dc=78.3°. |
| 11 | eiP | 07 23 00 | Kurile Islands. Dc=78.2°. |
| 11 | eiP | 07 39 43.7 | Kurile Islands. Dc=78.5°. |
| 11 | eiP Lm | 08 52 57 09 31 | Kurile Islands. Dc=78.1°. |
| 11 | eiP | 10 28 35 | Kurile Islands. Dc=78.0°. |
| 11 | eiP | 10 31 45 | Kurile Islands. Dc=78.2°. |
| 11 | eP | 10 33 36 | Kurile Islands. Dc=77.9°. |
| 11 | eiSg | 10 45 08.3 | Austria. Dc=2.8°. |
| 11 | ePcP | 10 53 20.4 | Kurile Islands. Dc=78.2°. |
| 11 | eiP Lm | 12 12 00 50 | Kurile Islands. MLH=5.9 Praha. Dc=78.2°. LmH:16.5s 4.8μ, LmV:15s 3.7μ. |
| 11 | eiSg | 12 40 15 | D=2.3°. |
| 11 | e | 20 55 29.8 | Kurile Islands. Dc=78.1°. |
| 12 | eiP Lm | 06 15 31.4 54 | Kurile Islands. MLH=5.5 Praha. Dc=78.3°. LmH:13.5s 1.5μ, LmV:16s 3μ. |
| 12 | eiP | 06 58 24.5 | Kurile Islands. Dc=78.3°. |
| 12 | ePKP | 07 11 21.7 | Tonga Islands. Dc=150.1°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------|---|--|
| 12 | e | 09 01 41 | Explosion of 14 tons. |
| 12 | eiP | 18 57 43 | Kurile Islands. Dc=78.3°. |
| 12 | e | 19 08 00 | Northern Chile. Dc=101.5°. |
| 12 | eiP | 22 28 44.5 | Kurile Islands. Dc=78.1°. |
| 13 | eiP | 02 32 49.5 | Kurile Islands. Dc=78.2°. |
| 13 | iP ePPP eS eiSKS Lm | 07 18 13.2 22 47.8 28 06.1 28 25.5 57 | C. Japan. MLH=6.3 Praha. D=79°. Dc= =78.4°, LmH:16.5s 10.3μ, LmV:16s 15μ. |
| 13 | eiP eQ Lm | 20 05 38 09 14 12.5 | Turkey. Dc=16.1°. |
| 14 | eP | 16 57 29.5 | Central Mid - Atlantic Ridge. Dc=60.1°. |
| 15 | eiP | 04 58 18.3 | Aleutian Islands. Dc=79.3°. |
| 15 | eP | 08 09 43 | India - China. Dc=62.3°. |
| 15 | ePKP2 | 09 41 13 | New Zealand Region. Dc=165.0°. |
| 15 | e | 14 31 04 | Kurile Islands. Dc=78.2°. |
| 15 | eP Lm | 16 49 42 17 11 | Eastern Gulf of Aden. Dc=46.8°. |
| 15 | ePKP Lm | 23 30 08 00 37 | New Hebrides Region. Dc=146.5°. |
| 16 | e | 11 51 14 | Explosion of 5.9 Tons. |
| 17 | e Lm | 03 02 18 09 | Turkey. Dc=16.2°. |
| 17 | eP Lm | 20 24 32 55 | Tibet. MLH=5.3 Praha. Dc=55.8°. LmH: 13s 1.6μ, LmV:15s 1.0μ. |
| 18 | e eiL | 11 29 08 29 12 | Explosion of 15.6 tons. |

| Date | Phase | h m s | Remarks |
|------|---|---|---|
| 19 | eP Lm | 06 49 57 07 30 | Aleutian Islands. Dc=76.2°. |
| 19 | eiP | 13 01 42 | Kamchatka. Dc=72.7°. |
| 20 | eiP Lm | 02 09 20 47.6 | C. Kurile Islands. MLH=5.2 Praha. Dc= =77.8°. LmH:14s 0.8μ, LmV:14s 1.3μ. |
| 20 | eP | 18 16 54 | Oregon. Dc=81.2°. |
| 21 | eP ePP eS Lm | 00 28 33 30 09 34 25 57.2 | Southern Persia. MLH=5.1 Praha. Dc= =38.2°. LmH:10.5s 1.4μ, LmV:11s 1.2μ. |
| 21 | e(Sg) | 11 31 56.5 | Explosion of 15.1 tons. |
| 23 | eP e Lm | 00 01 33 05 22.8 48 | Philippine Islands. MLH=6.2 Praha. Dc= =96.5°. LmH:17.5s 7.7μ, LmV:17s 8.9μ. |
| 23 | eiP eiPcP ePP ePPP eS Lm | 11 20 47.8 21 07 23 29.5 25 18.5 30 14.7 12 02 | Kodiak Island. MLH=6.1 Praha. D=73°, Dc=73.2°, LmH:16s 8.9μ, LmV:17s 13.9μ. |
| 24 | e(P) | 06 00 48 | |
| 24 | ePKIKP eiPKHKP eiPKP2 ei | 14 28 10 28 16.0 28 25.9 28 45.5 | Fiji Islands. Dc=152.2°. |
| 24 | eP Lm | 23 21 13 00 02.8 | Philippine Islands. Dc=84.5°. |
| 27 | eiP Lm | 11 48 30.5 12 30 | Taiwan. Dc=82.3°. |
| 28 | ePKP ePKP2 | 18 16 24 16 33 | West of Tonga. Dc=149.2°. |
| 29 | e eiSg | 00 45 37 45 55.5 | Germany. Dc=4.1°. |

| Date | Phase | h m s | Remarks |
|------|------------|---------------------|---------------------------------|
| 29 | eiP | 02 16 19 | Kurile Islands. Dc=78.0°. |
| 29 | e | 02 25 40 | Italy. Dc=6.1°. |
| 29 | eP | 04 33 05 | North Atlantic Ridge. Dc=23.6°. |
| 29 | e | 10 45 19.5 | Explosion of 20 tons. |
| 29 | e | 15 45 05 | Crete. Dc=18.0°. |
| 30 | Im | 04 00 | Molucca Sea. Dc=105.2°. |
| 30 | eiP | 08 45 22.5 | C. Aleutian Islands. Dc=77.4°. |
| 30 | eiSg Im | 10 21 02.5 21 06 | Explosion of 9.5 tons. |

Seismic observations of the station KAŠPERSKÉ HORY

January - June 1965

J.Nykles, B.Závorka

Instrument:

Vertical electrodynamic seismograph SVKM-2
(short-period system).

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

Elevation: h = 700m.

Lithologic foudation: gneiss.

| Instrument | Compt. | T ₁ (s) | T ₂ (s) | D ₁ | D ₂ | σ^2 | Tm | Vm |
|------------|--------|--------------------|--------------------|----------------|----------------|------------|-----|---------|
| SVKM-2 | Z | 1.4 | 0.7 | 0.73 | 2.0 | 0.4 | 1.0 | 100,000 |

| Date | Phase | h m s | Remarks |
|------|-------------------|------------------------------|--|
| 1 | eiP | 12 59 09 | Taiwan. Dc=83.3°. |
| 1 | eiP | 17 35 58 | Algeria. Dc=15.1°. ei 36 10. |
| 1 | eiPn | 19 09 29 | Autriche. D=2.2°, Dc=2.2°. eiPg 09 36.2, eiSg 09 54. |
| 1 | eP | 21 42 01 | Algeria. Dc=15.1°. ei 42 40.6, ei 46 40.4. |
| 2 | iP iPP | 13 57 47.5 14 01 53 | Mariana Islands. Dc=99.8°. eipP 58 22.5. |
| 2 | eiP | 17 37 50 | |
| 3 | eiSg | 11 23 16.8 | Im 23 28.2. |
| 3 | ePg | 18 49 50 | eiSg 50 04, Im 50 08. |
| 3 | eiP | 23 24 55.5 | D. Alaska. MPV=5.3. Dc=70.4°. PV: 1s 27mμ. |
| 4 | ei | 00 18 16 | ei 19 11. |
| 4 | eiPKIKP | 07 26 15.7 | Tonga Islands. Dc=148 8°. |
| 4 | ei | 07 36 38.2 | |
| 4 | e | 09 47 24 | eiSg 48 13. |
| 4 | e | 12 02 44 | eiSg 02 50. |
| 4 | eSg | 12 10 38 | Explosion (Germany). Dc=2.2°. |
| 4 | eP | 20 59 15 | Canada. Dc=61.7°. |
| 5 | ePg eiSg Im | 10 58 26.5 58 44 59 07 | Explosion of 3.5 Tons. Dc=141km. |
| 5 | e | 12 08 30 | eiSg 08 50, Im 09 02. |
| 5 | e eiSg | 12 36 46 37 03 | Explosion (Germany). Dc=2.4°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|----------------------------------|--|
| 5 | eiPKIKP iPKHKP ei | 18 25 45 25 49.5 27 05 | Tonga Islands. Dc=150.7°. |
| 5 | eiP ei | 20 57 42.5 58 40 | Japan 34.7 N 139.4 E, H=20 45 15.1, h=25km. M=4.8 (ISC). Dc=83.7°. |
| 5 | iPKIKP | 23 19 53.4 | D. Samoa Islands. Dc=145.5°. ei 20 13. |
| 6 | e | 11 16 54.5 | eiSg 17 15.8. |
| 6 | eSg | 11 41 19 | Lm 41 24. |
| 6 | eiP iPcP ei | 18 38 45 39 05 39 13 | Alaska. MPV=5.3. Dc=70.5°. PV:0.8s 22mμ. |
| 7 | eiPKIKP | 06 00 24.2 | Loyalty Islands. Dc=148.1°. |
| 7 | eiP i ei | 10 26 00.8 26 04.0 26 25.2 | Dodecanese Islands. Dc=15.9°. |
| 7 | e eiSg Lm | 13 00 50.7 01 15.5 01 41 | Explosion (Collm). Dc=1.9°. |
| 7 | eP | 13 38 18 | |
| 7 | eP | 19 02 19 | Philippine Islands. Dc=87.0°. |
| 8 | e | 10 52 36.5 | |
| 8 | eiP | 11 37 33 | Kodiak Island 56.3°N 153.3°W, H= =11 25 58.3, h=43km(ISC). M=4.5 USCGS, 4.1 ISC. |
| 8 | e | 12 39 42 | Lm 39 53. |
| 8 | e | 12 49 34 | eiSg 49 45.5. |
| 8 | e | 13 59 12 | eiSg 59 35.8. |
| 8 | eiP | 16 43 14.2 | Kurile Islands. Dc=79.5°. ei 43 35. |
| 8 | e | 22 13 46 | ei 14 21. |

| Date | Phase | h m s | Remarks |
|------|---|--|--|
| 9 | eiP | 03 41 44.2 | Kurile Islands. Dc=78.8°. |
| 9 | eiP ei | 04 15 41 16 14 | Dodecanese Islands 36.0°N 27.4°E, H= =04 11 51, h=63km(ISC). M=4.4 USCGS, Dc=16.6°. |
| 9 | eiP | 06 29 22.4 | Kurile Islands 43.9°N 148.8°E, H= =06 17 18, h=33km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=79.4°. |
| 9 | eiPKIKP | 07 06 42 | Tonga Islands 17.9°S 175.3°W, H= =06 47 25.5, h=260km(ISC). M=5.0 USCGS, 4.4 ISC. Dc=148.1°. |
| 9 | ei | 10 46 49 | ei 46 54. |
| 9 | eSg | 11 40 25 | Lm 40 36. |
| 9 | eiP | 13 46 14 | Philippine Islands. Dc=95.4°. |
| 9 | e | 19 42 45 | eiSg 42 52.4, Lm 42 57. |
| 10 | iP | 02 54 39.7 | D. Rumania. Dc=9.4°. i 55 22. |
| 10 | eiPKIKP | 07 56 17.5 | New Guinea. Dc=121.8°. |
| 10 | eiP | 08 05 37.4 | Greece. Dc=12.1°. |
| 10 | eiPKHKP eiPKIKP ei ei eiPKS | 13 55 42 55 55 56 20.8 58 43 59 27 | New Hebrides Islands. Dc=138.1°. |
| 10 | iPn | 20 11 39.7 | D. Yugoslavia. D=6.3°, Dc=6.3°. |
| 11 | eiSg | 10 45 18 | |
| 11 | eSg | 12 19 42.5 | Lm 19 52. |
| 11 | e | 13 31 28 | Lm 31 31. |
| 11 | eiP eiPcP | 17 08 31 08 55.2 | Southern Alaska. Dc=69.5°. |
| 11 | eiP ei eipP | 20 26 05 26 10.2 26 57 | Japan. Dc=76.7°. |

| Date | Phase | h m s | Remarks |
|------|------------------------|----------------------------------|---|
| 11 | iP | 22 58 47.5 | Kurile Islands. Dc=76.6°. |
| 12 | eiPKIKP | 05 01 00.2 | Tonga Islands. Dc=151.3°. |
| 12 | e eiSg | 12 48 47.4 49 06 | Explosion Germany. Dc=2.4°. |
| 12 | iP i eiPP | 13 42 29.5 43 05.8 44 41.4 | C. Nepal. MPV=6.3 Kašperské Hory. Dc= =59.8°. PV:1s 328mμ. |
| 12 | e | 14 01 22.5 | ei(Sg) 01 25. |
| 12 | eiP | 14 05 24.2 | Nepal. Dc=59.7°. |
| 12 | eP | 16 29 22.5 | Chine. Dc=69.3°. |
| 13 | eP | 08 53 11 | Japan. Dc=81.0°. |
| 13 | e | 09 30 15 | eiSg 30 25. Lm 30 33. |
| 13 | eiSg | 12 49 17 | Lm 49 21. |
| 14 | eiP | 01 22 32.5 | Kurile Islands. Dc=76.5°. |
| 14 | eiP | 01 45 24 | Japan. Dc=82.8°. |
| 14 | e | 11 03 56 | eiSg 04 05. |
| 14 | eSg | 13 31 14 | Lm 31 17. |
| 15 | eiPKIKP iPKHKP i | 03 49 02.8 49 09.2 49 18 | D. Fiji Islands. Dc=150.2°. |
| 15 | eiP ei | 06 07 47.2 08 25 | Eastern Kazakh. MPV=5.6 Kašperské Hory. Dc=41.2°. PV:1.2s 137mμ. |
| 15 | e | 10 00 44 | eiSg 01 00.8, Lm 01 05. |
| 15 | e | 10 59 44 | eiSg 11 00 04. |
| 15 | e | 12 01 10 | eiSg 01 23. |
| 15 | e | 12 38 42 | eiSg 38 53. |

| Date | Phase | h m s | Remarks |
|------|---------------|---------------------|---|
| 15 | e | 13 18 18 | eiSg 18 31. |
| 15 | eP | 14 59 48 | Greece 37.0°N 21.8°E, H=14 56 40.1, h= =56km(ISC). M=4.3 ISC, USCGS. Dc=13.5°. |
| 15 | eP | 18 46 34.2 | Taiwan. MPV=5.3 Kašperské Hory. Dc= =83.5°. PV:1s 21mμ. |
| 15 | eiPKP ei | 20 32 01 32 06 | Tonga Islands. Dc=147.9°. |
| 15 | eiPKIKP | 21 04 09.8 | Samoa Islands. Dc=147.0°. |
| 15 | eiP | 23 40 35.6 | |
| 15 | eiP ei | 23 50 59 51 14.6 | Algeria. Dc=15.0°. |
| | | | The seismic vault without electricity from the 16 th to the 17 th January. |
| 17 | eiP | 03 43 40 | Mediterranean Sea. Dc=18.0°. |
| 17 | eiPKP | 08 39 21 | Tonga Islands. Dc=145.7°. |
| 17 | eiPKP | 09 20 34 | Tonga Islands. Dc=146.8°. |
| 17 | eiPKIKP | 11 02 05 | Fiji Islands. Dc=152.7°. ei 04 30.1. |
| 19 | e | 11 57 27 | eiSg 57 44.5. |
| 19 | eSg | 12 14 46.5 | Lm 14 53. |
| 19 | e | 12 42 26 | eiSg 42 33. Lm 42 38. |
| 20 | e | 04 12 03 | eiSg 12 13.5. |
| 20 | eiP ei | 20 39 04 39 23.5 | Kurile Islands. Dc=78.3°. |
| 21 | eiPKIKP ei | 02 24 24.7 24 47 | Tonga Islands. Dc=146.4°. |
| 21 | e | 11 04 58.7 | eiSg 05 30.8. |

| Date | Phase | h m s | Remarks |
|------|-----------------------|---|-----------------------------------|
| 21 | e | 12 55 03 | eiSg 55 29, Lm 55 50. |
| 21 | ePg eiSg | 12 59 51.1 13 00 16.8 | Explosion of 11.7 Tons. Dc=222km. |
| 22 | eiPKP eipPKP | 05 37 54.4 38 54.5 | C. Tonga Islands. Dc=149.6°. |
| 22 | ePg eiSg Lm | 11 00 24 00 45.5 00 57 | Explosion of 4.1 Tons. Dc=178km. |
| 22 | e | 11 18 42.5 | Lm 18 54. |
| 22 | e ei eiSg | 12 45 40 46 21 46 40.5 | Czechoslovakia. Dc=3.3°. |
| 22 | e | 13 01 07 | |
| 22 | ei | 13 59 32.4 | |
| 22 | ePg eiSg Lm | 14 59 39 59 53.7 59 58 | D=1.1°. |
| 22 | eiPKIKP | 20 19 28.5 | Loyalty Islands. Dc=146.4°. |
| 23 | eiPn i iSn i | 02 40 55.8 41 04 42 03.5 42 25.0 | Yugoslavia. D=5.9°, Dc=5.6°. |
| 23 | ePn eiSn | 03 28 36 29 38 | Yugoslavia. D=5.7°, Dc=5.5°. |
| 23 | ei eiSg Lm | 08 02 42 02 50 02 55 | Explosion of 8.8 Tons. Dc=38km. |
| 23 | eiPKP | 08 23 10 | Tonga Islands. Dc=146.8°. |
| 23 | eSg | 10 12 16 | Lm 12 20. |
| 23 | e | 10 15 28 | eiSg 15 43, Lm 15 47. |
| 23 | ei | 10 40 39 | eiSg 41 01, Lm 41 07. |

| Date | Phase | h m s | Remarks |
|------|--------------------|--------------------------------|---|
| 23 | e | 12 41 32 | eiSg 41 38. |
| 23 | ePg | 13 28 28 | D=2.2°. eiSg 28 56.5, Lm 29 07. |
| 23 | eiP | 16 47 20 | Greenland Sea. Dc=24.4°. |
| 23 | eiP | 20 20 17.2 | Costa Rica 8.8°N 83.2°W, H=20 07 32.5, h=56km(ISC). M=4.7 ISC, 4.5 USCGS. Dc=87.8°. |
| 23 | eiPg eiSg Lm | 21 54 12.4 54 29.2 54 40 | D=1.2°. |
| 23 | eiP ei | 22 03 32.6 03 50 | C. Japan. MPV=5.6 Kašperské Hory. Dc=82.6°. PV:1s 38mμ. |
| 23 | eiP | 22 11 06 | Kashmir. Dc=44.9°. |
| 23 | eiP | 23 51 45.2 | PV:1.2s 19mμ. |
| 24 | eiP | 00 25 29.4 | Ceram. Dc=106.3°. |
| 24 | e | 10 34 54 | |
| 24 | ePKP | 16 25 14.8 | Tonga Islands. Dc=150.4°. |
| 24 | eP | 22 44 11.5 | Greenland Sea. Dc=24.3°. |
| 25 | e | 05 29 46 | eiSg 29 54.4. |
| 25 | eiP | 09 03 24.5 | West of Gibraltar. MPV=4.6 Kašperské Hory. Dc=20.3°. PV:1s 43mμ. |
| 25 | eiPg eiSg Lm | 09 30 20.8 30 29 30 33 | D=66km. |
| 25 | eiP ei | 12 23 11 23 35.5 | Cyprus. Dc=20.3°. |
| 25 | ei | 12 56 18.5 | ei 56 39. |
| 25 | eSg Lm | 13 29 50 29 52 | Explosion of 1.9 Tons. 49°15.1'N 13°37.5' E. Dc=14km. |

| Date | Phase | h m s | Remarks |
|------|--------------------------|-------------------------------------|--|
| 25 | e | 15 03 49 | |
| 25 | ei | 23 16 24 | |
| 26 | eP | 02 41 35 | Ryukyu Islands. Dc=85.1°. |
| 26 | eiPKIKP | 05 13 45 | Fiji Islands. Dc=152.0°. |
| 26 | ePKIKP ei | 11 01 12 01 22 | Fiji Islands. Dc=147.1°. |
| 26 | eiPn ei eiSn ei | 11 57 57 58 09 58 54 59 34 | Yugoslavia. D=5°, Dc=4.9°. |
| 26 | e | 20 28 34 | |
| 26 | eiP eisP | 23 59 51.6 00 00 27.4 | D. Japan. MPV=5.2 Kašperské Hory. Dc= =82.7°. PV:1s 32mμ. |
| 27 | eSg | 08 17 20 | Im 17 30. |
| 27 | e | 10 45 18 | eiSg 45 26. |
| 27 | eSg | 10 54 36 | Im 54 41. |
| 27 | e | 19 40 14 | eiSg 40 19.2, Im 40 29. |
| 27 | eiPKP ei | 20 32 28.7 32 39.6 | Fiji Islands. Dc=151.0°. |
| 28 | eiP | 02 47 05.1 | Sumatra. Dc=91.4°. |
| 28 | eiP | 04 16 34.2 | Mexico. MPV=5.0 Kašperské Hory. Dc= =89.5°. PV:1s 11mμ. |
| 28 | e | 12 39 08 | |
| 28 | e | 12 52 03 | eiSg 52 30.8. |
| 28 | ePg eiSg Im | 13 00 42.1 01 07.1 01 21 | D=1.9°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|------------------------------|---|
| 28 | ePg eiSg Im | 13 12 56 12 10 12 16 | D=1.1°. |
| 28 | eSg | 13 36 31 | |
| 28 | eiPn ei | 23 12 56 13 55.5 | Bulgaria. Dc=9.3°, Dc=9.4°. |
| 29 | ePKP | 03 47 08 | Tonga Islands. Dc=150.6°. |
| 29 | ePg eiSg Im | 09 00 05.6 00 14 00 18 | Explosion of 5 Tons. Dc=80km. |
| 29 | iP ei | 09 46 54.7 47 22.8 | C. Kamchatka. MPV=6.1 Kašperské Hory. Dc=73.1°. PV:1.2s 175mμ. |
| 29 | eSg | 12 39 41 | Im 39 48. |
| 29 | ePg eiSg | 12 47 57 48 16.2 | D=1.5°. |
| 29 | e | 14 01 48 | ei(Sg) 02 05.8. |
| 29 | eiP | 20 14 16.5 | Kashmir. Dc=45.1°. |
| 29 | eiP ei | 23 43 06.5 43 22 | Mediterranean Sea. Dc=17.6°. PV: 1.1s 34mμ. |
| 30 | eiP | 04 49 17 | D. Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=78.9°. PV:1s 13mμ. |
| 30 | eiPg | 09 00 36.7 | D=1.4°. eiSg 00 55.3, Im 01 09. |
| 30 | e | 09 14 12.6 | Im 14 20. |
| 30 | e | 13 44 57.5 | eiSg 45 24.5. |
| 30 | eiP ei | 16 01 18.2 01 29 | D. Kurile Islands. Dc=76.5°. |
| 30 | eiPKIKP ei | 18 00 19.5 03 06 | New Hebrides Islands. Dc=138.9°. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|-----------------------------|
| 30 | eP | 18 27 14.8 | PV:1.1s 22m μ . |
| 31 | ei | 17 27 41 | |
| 31 | eiP | 23 48 17.5 | Aleutian Islands. Dc=79.3°. |

| Date | Phase | h m s | Remarks |
|------|--------------------------------------|---|--|
| 1 | eiPKIKP ei eipPKIKP | 05 45 54 45 58 47 43.7 | Tonga Islands. Dc=148.1°. |
| 1 | eiPKIKP eipPKIKP | 08 50 16.5 52 15 | D. Tonga Islands. Dc=150.6°. |
| 1 | eiP | 12 19 46.2 | |
| 1 | ei | 21 53 52.5 | ei 54 10.3. |
| 2 | eiP | 04 15 42.8 | |
| 2 | eiP | 04 25 59.5 | Japan. Dc=82.2°. |
| 2 | eiP | 04 43 12.8 | Mexico. Dc=88.5°. |
| 2 | eiPKIKP eiPKHKP eiPKP2 eiPP | 10 17 45.5 17 51.5 17 59.7 21 24.5 | Fiji Islands. Dc=151.3°. |
| 2 | e | 12 10 58 | eiSg 10 06. |
| 2 | eSg | 12 42 46.2 | |
| 2 | eiPg eiSg Lm | 13 00 52 01 13 01 25 | D=1.6°. |
| 2 | eSg | 13 17 43 | |
| 2 | ei | 14 30 19 | ei 30 25.5, eiSg 31 00.3. |
| 2 | eiP ei | 16 04 55.7 06 40.2 | Tadzhikistan. MPV=5.1 Kašperské Hory. Dc=43.9°, PV:1.2s 44m μ . |
| 3 | eiPn eiPg eiSn | 01 20 21.3 20 54.3 21 40 | Yugoslavia. D=6.7°, Dc=6.6°. |
| 3 | ePg eiSg Lm | 09 45 47 46 04.5 46 13 | D=64km. |
| 3 | eiPg eiSg Lm | 10 51 08 51 27 51 39 | D=1.5°. |

| Date | Phase | h m s | Remarks |
|------|---------------|-----------------------|--|
| 3 | e eiSg | 12 45 22 45 28 | Explosion (Germany). |
| 3 | eiP | 15 30 49 | |
| 3 | eiP | 16 16 27.2 | |
| 3 | eSg | 17 35 41 | Austria 47.4°N 15.1°E, H=17 34(Vienna). Dc=2.0°. |
| 4 | eiPKIKP ei | 03 44 37.3 44 39.7 | South of Australia. Dc=146.3°. |
| 4 | eiP ei | 05 06 01 06 03 | Aleutian Islands 51.2°N 178.5°E, H= =04 53 57.2, h=30km(ISC). M=5.8 USCGS, 5.3 ISC. Dc=79.2°. |
| 4 | eiP | 05 13 23.5 | C. Aleutian Islands. Dc=79.1°. |
| 4 | eiP | 08 16 07.5 | Aleutian Islands 52.2°N 172.9°E, H= =08 04 10.3, h=30km(ISC). M=5.9 USCGS, 5.3 ISC. Dc=77.5°. |
| 4 | eiP | 08 18 13.0 | Aleutian Islands 51.9°N 174.3°E, H= =08 06 17.2, h=44km(ISC). M=5.6 USCGS, 5.5 ISC. Dc=78.0°. |
| 4 | eiP | 08 45 38.1 | C. Aleutian Islands. Dc=77.9°. |
| 4 | eiP | 08 52 43.8 | C. Aleutian Islands. Dc=79.1°. |
| 4 | iP | 09 11 13.0 | D. Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=77.3°. PV:0.8s 30μ. |
| 4 | iP | 09 12 28.4 | D. Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=78.0°. |
| 4 | iP | 09 13 52.5 | D. |
| 4 | eiP | 09 18 29.4 | D. Aleutian Islands. Dc=79.0°. |
| 4 | eiP | 09 47 20.4 | D. Aleutian Islands. Dc=78.5°. |
| 4 | eiP | 09 49 29.0 | Aleutian Islands. 51.8°N 176.4°E, H= =09 37 28.6, h=25km(ISC). M=5.3 USCGS, 5.1 ISC. Dc=78.3°. |

| Date | Phase | h m s | Remarks |
|------|-----------|-----------------------|--|
| 4 | eiP | 09 54 43.5 | Aleutian Islands. Dc=78.3°. |
| 4 | eiP | 10 00 32.3 | Aleutian Islands. 51.8°N 175.5°E, H= =09 48 27.0, h=25km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=78.3°. |
| 4 | eiP | 10 04 03.0 | Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=78.5°. PV:1s 60μ. |
| 4 | eiP | 10 13 00 | Aleutian Islands. Dc=78.3°. |
| 4 | eiP | 10 16 25.0 | Aleutian Islands. Dc=77.5°. |
| 4 | eiP | 10 24 27.7 | Aleutian Islands. 51.8°N 176.6°E, H= =10 12 27.1, h=33km(ISC). M=5.1 USCGS, 4.7 ISC. Dc=78.4°. |
| 4 | eiP | 10 39 43.4 | Aleutian Islands 52.3°N 176.6°E, H= =10 27 47.7, h=37km(ISC). M=4.8 ISC. Dc=77.9°. |
| 4 | eiP | 10 42 37.0 | Aleutian Islands. Dc=77.7°. |
| 4 | eP | 10 50 47.5 | Aleutian Islands 51.6°N 175.2°E, H= =10 38 44.9, h=35km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=78.4°. |
| 4 | eiP | 10 51 26.3 | Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=77.5°. PV:1s 21μ. |
| 4 | eiP | 10 53 35.0 | Aleutian Islands. Dc=78.6°. |
| 4 | eiP ei | 11 12 27.5 12 40.8 | Aleutian Islands. Dc=78.7°. |
| 4 | eP | 11 18 20 | Aleutian Islands 52.2°N 173.2°E, H= =11 06 24.4, h=25km(ISC). M=4.7 ISC, USCGS. Dc=77.5°. |
| 4 | eiP | 11 20 46.6 | Aleutian Islands 51.6°N 176.0°E, H= =11 08 45.9, h=35km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=78.5°. |
| 4 | eP | 11 27 32.5 | Aleutian Islands 51.5°N 175.1°E, H= =11 15 30.6, h=20km(ISC). M=4.9 ISC, 4.8 USCGS. Dc=78.5°. |

| Date | Phase | h m s | Remarks |
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| 4 | eiP | 11 30 43.7 | Aleutian Islands 51.6°N 175.0°E, H= =11 18 43.5, h=25km(ISC). M=4.8 ISC, 4.7 USCGS. Dc=78.4°. |
| 4 | eiP | 11 32 41.9 | Aleutian Islands 52.2°N 172.9°E, H= =11 20 27.1, h=33km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=77.5°. |
| 4 | eiP | 11 35 08.0 | C. Aleutian Islands 52.2°N 172.8°E, H= =11 23 16.6, h=58km(ISC). M=4.9 ISC, USCGS. Dc=77.5°. |
| 4 | eiP | 11 39 21.6 | Aleutian Islands 51.7°N 174.7°E, H= =11 27 22.7, h=23km(ISC). M=5.2 ISC, 5.1 USCGS. Dc=78.2°. |
| 4 | eiP | 11 44 56.3 | Aleutian Islands 53.1°N 17 .1°E. H= =11 33 07.1, h=35km(ISC). M=5.3 USCGS, 4.9 ISC. Dc=77.0°. |
| 4 | eP | 11 52 36.5 | Aleutian Islands 51.6°N 176.2°E, H= =11 40 36.2, h=33km(ISC). M=4.2 ISC. Dc=78.6°. |
| 4 | eiP | 12 00 25.8 | C. Aleutian Islands 51.4°N 177.1°E, H= =11 48 24.3, h=38km(ISC). M=4.9 ISC, 4.7 USCGS. Dc=78.9°. |
| 4 | eiP | 12 10 06.5 | Aleutian Islands 51.6°N 176.3°E, H= =11 58 06.7, h=35km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=78.5°. |
| 4 | eiP | 12 17 55.9 | Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=76.9°. PV:1s 48mμ. |
| 4 | e | 12 43 20.4 | |
| 4 | eiP | 13 02 57.0 | C. Aleutian Islands 51.7°N 174.8°E, H= =12 50 57.8, h=23km(ISC). M=5.4 ISC, 5.2 USCGS, MPV=5.6 Kašperské Hory. Dc= =78.3°. PV:1s 54mμ. |
| 4 | eiP | 13 05 05.3 | Aleutian Islands 52.2°N 174.2°E, H= =12 53 08.5, h=25km(ISC). M=5.3 USCGS, 5.2 ISC. Dc=77.7°. |
| 4 | eP ei ei | 13 23 35 24 37 24 43.5 | Aleutian Islands 53.5°N 177.2°E, H= =13 11 50.1, h=27km(ISC). M=5.0 USCGS, 4.6 ISC. Dc=76.8°. |

| Date | Phase | h m s | Remarks |
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| 4 | eiP | 13 41 53.5 | Aleutian Islands 51.7°N 174.7°E, H= =13 29 55.0, h=29km(ISC). M=4.9 ISC, 4.7 USCGS, MPV=5.1 Kašperské Hory. Dc= =78.3°. PV:1s 16mμ. |
| 4 | eiP | 13 45 11.8 | Aleutian Islands 51.7°N 174.6°E, H= =13 33 12.7, h=28km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=78.2°. |
| 4 | eP | 13 57 14 | Aleutian Islands 51.2°N 178.1°E, H= =13 45 05.0, h=35km(ISC). M=4.1 ISC, USCGS. Dc=79.1°. |
| 4 | eiP | 14 11 44.3 | Aleutian Islands 52.9°N 175.2°E, H= =13 59 51.5, h=33km(ISC). M=4.5 ISC. Dc=77.2°. |
| 4 | eiP | 14 25 21 | Aleutian Islands 52.2°N 173.1°E, H= =14 13 28.2, h=55km(ISC). M=5.0 USCGS, 4.5 ISC. Dc=77.5°. |
| 4 | eiP eiPP | 14 30 16.1 33 06.2 | C. Aleutian Islands. Dc=76.4°. |
| 4 | eiP | 14 41 45.3 | C. Aleutian Islands 51.5°N 176.6°E, H= =14 29 46.0, h=35km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=78.7°. |
| 4 | eP | 15 00 51.0 | Aleutian Islands 51.7°N 174.3°E, H= =14 48 55.0, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=78.2°. |
| 4 | eiP | 15 15 36.7 | Aleutian Islands 51.4°N 175.7°E, H= =15 03 34.2, h=30km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=78.7°. |
| 4 | eiP | 15 20 52.5 | |
| 4 | eiP | 15 26 50 | Aleutian Islands 51.5°N 175.7°E, H= =15 14 57.7, h=35km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=78.6°. |
| 4 | eiP | 15 43 02.6 | Aleutian Islands 52.4°N 172.2°E, H= =15 31 14.1, h=45km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=77.3°. |
| 4 | eP | 15 56 49.5 | Aleutian Islands 52.3°N 174.4°E, H= =15 44 47.4, h=33km(ISC). M=4.7 ISC, USCGS. Dc=77.6°. |

| Date | Phase | h m s | Remarks |
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| 4 | iP | 16 03 12.8 | C. Aleutian Islands. MPV=5.9. Dc=76.4°. PV:1.2s 125m μ . |
| 4 | eiP | 16 11 26.7 | Aleutian Islands 52.3°N 172.2°E, H= =15 59 33.5, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=77.3°. |
| 4 | eiP | 16 15 42.1 | Aleutian Islands 50.6°N 177.6°E, H= =16 03 36.1, h=33km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=79.7°. |
| 4 | eiP | 16 40 16.0 | C. Aleutian Islands 51.5°N 176.5°E, H= =16 28 16.4, h=45km(ISC). M=5.0 USCGS, 4.9 ISC. MPV=5.4 Kašperské Hory. Dc= =78.7°. |
| 4 | eiP | 16 44 33.0 | D. Aleutian Islands 52.1°N 173.1°E, H= =16 32 37.5, h=26km(ISC). M=5.2 USCGS, 5.1 ISC. MPV=5.3 Kašperské Hory. Dc= =77.6°. |
| 4 | eiP | 17 03 33.6 | C. Aleutian Islands 51.9°N 176.5°E, H= =16 51 37, h=60km(ISC). M=4.8 ISC, USCGS. Dc=78.3°. |
| 4 | eiP | 17 15 34.6 | C. Aleutian Islands 52.9°N 172.0°E, H= =17 03 44.0, h=26km(ISC). M=4.6 ISC, 4.3 USCGS. Dc=76.7°. |
| 4 | eiP | 17 16 39.5 | C. Aleutian Islands 51.4°N 176.9°E, H= =17 04 36.2, h=18km(ISC). M=5.2 ISC, USCGS. Dc=78.8°. |
| 4 | eiP | 17 29 27.2 | D. Aleutian Islands 51.8°N 174.8°E, H= =17 17 24.7, h=25km(ISC). M=4.8 ISC, 4.7 USCGS. Dc=78.2°. |
| 4 | eiP | 18 02 42.6 | Aleutian Islands. Dc=81.0°. |
| 4 | eP | 18 13 29 | Aleutian Islands. 51.6°N 174.9°E, H= =18 01 29.8, h=35km(ISC). M=4.5 ISC, 4.3 USCGS. Dc=78.4°. |
| 4 | eP | 18 18 59 | Aleutian Islands. Dc=78.7°. |
| 4 | eiP | 18 25 48.7 | Aleutian Islands. Dc=77.9°. |
| 4 | eiP | 18 46 10.0 | C. Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=78.8°. PV:1.2s 50m μ . |

| Date | Phase | h m s | Remarks |
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| 4 | eiP | 18 51 47.6 | Aleutian Islands. Dc=78.5°. |
| 4 | eiP | 19 00 07.5 | C. Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=78.0°. PV:2s 58m μ . |
| 4 | eiP | 19 03 41.8 | Aleutian Islands. Dc=77.0°. |
| 4 | eiP | 19 06 28.5 | North Atlantic Ridge. Dc=59.3°. |
| 4 | eiP | 19 10 06.6 | D. Aleutian Islands. Dc=77.6°. |
| 4 | eiP | 19 13 26.0 | C. Aleutian Islands 52.8°N 170.8°E, H= =19 01 33.1, h=9km(ISC). M=5.1 USCGS, 4.9 ISC, MPV=5.2 Kašperské Hory. Dc= =76.6°. PV:1s 25m μ . |
| 4 | eiP | 19 24 07.4 | D. Aleutian Islands. Dc=78.6°. |
| 4 | eiP | 19 28 49.4 | Aleutian Islands. Dc=77.0°. |
| 4 | eiP | 19 50 12.5 | Aleutian Islands 51.6°N 174.6°E, H= =19 38 13.5, h=33km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=78.3°. |
| 4 | eiP | 19 54 06.8 | North Atlantic Ridge. Dc=59.5°. |
| 4 | eiP | 20 06 39.0 | Aleutian Islands. Dc=78.5°. |
| 4 | eiP | 20 09 49.7 | C. Aleutian Islands. Dc=78.2°. |
| 4 | eiP | 20 17 42.8 | Aleutian Islands 51.7°N 176.4°E, H= =20 05 43.1, h=33km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=78.5°. |
| 4 | eiP | 20 44 24.9 | C. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=78.6°. PV:1.2s 37m μ . |
| 4 | eiP | 20 59 19.2 | Aleutian Islands. Dc=79.0°. |
| 4 | eiP ei | 21 36 06.2 36 13.8 | Aleutian Islands. Dc=78.6°. |
| 4 | eiP | 21 41 37.7 | D. Aleutian Islands. Dc=77.8°. |
| 4 | eiP | 21 47 51.6 | Aleutian Islands. Dc=79.2°. |
| 4 | eiP | 21 50 51 | Aleutian Islands. Dc=79.1°. |

| Date | Phase | h m s | Remarks |
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| 4 | eP | 22 26 02.7 | Aleutian Islands 51.8°N 173.9°E, H= =22 14 03.8, h=33km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=78.1°. |
| 4 | eiP | 22 42 03.6 | Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=78.1°. PV:1s 54mμ. |
| 4 | eP | 23 19 14 | Aleutian Islands 51.6°N 175.5°E, H= =23 07 13.6, h=33km(ISC). M=4.3 ISC, USCGS. Dc=78.5°. |
| 4 | eiP | 23 38 25.9 | Aleutian Islands. Dc=79.0°. |
| 4 | eiP | 23 58 15.8 | |
| 5 | eiSg | 00 16 33.1 | Poland. Dc=3.6°. |
| 5 | eiP ei ei | 00 43 32.6 43 55.9 44 04.8 | Aleutian Islands. Dc=78.3°. |
| 5 | eP eiPcP | 00 54 14.3 54 26.8 | Aleutian Islands. Dc=77.6°. |
| 5 | eiP | 01 18 11 | Aleutian Islands. Dc=77.8°. |
| 5 | eiP | 02 18 34.1 | Aleutian Islands. Dc=77.9°. |
| 5 | eP | 02 29 17.7 | Aleutian Islands 53.3°N 171.2°E, H= =02 17 31.1, h=30km(ISC). M=4.3 USCGS, 4.2 ISC. Dc=76.2°. |
| 5 | eiP | 02 40 26.0 | Aleutian Islands. Dc=77.8°. |
| 5 | eiP | 02 45 36.0 | C. Aleutian Islands. Dc=77.7°. |
| 5 | eiP eiPcP | 03 10 28.2 10 38.4 | Aleutian Islands. Dc=78.8°. |
| 5 | eiP | 03 14 45.9 | D. Aleutian Islands. Dc=78.5°. |
| 5 | eP | 04 03 39 | Aleutian Islands 52.9°N 176.5°E, H= =03 51 41.2, h=25km(ISC). M=4.2 USCGS, 4.1 ISC. Dc=77.3°. |
| 5 | eiP | 01 13 39.8 | Aleutian Islands. Dc=78.0°. |
| 5 | eiP | 04 58 46.3 | Aleutian Islands. Dc=78.5°. |

| Date | Phase | h m s | Remarks |
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| 5 | eiP | 05 17 11.0 | C. Aleutian Islands. Dc=77.5°. |
| 5 | eiP | 05 18 50 | Aleutian Islands 51.5°N 176.7°E, H= =05 06 49.4, h=36km(ISC). M=4.9 ISC, 4.8 USCGS. Dc=78.4°. |
| 5 | eP | 05 22 24.2 | Aleutian Islands 52.0°N 173.9°E, H= =05 10 26.0, h=20km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.9°. |
| 5 | e ei ei | 05 25 14 25 44.5 26 10.4 | Aleutian Islands. Dc=77.5°. |
| 5 | eiP | 05 52 00 | Aleutian Islands 51.8°N 173.9°E, H= =05 40 05.2, h=7km(ISC). M=4.7 ISC. Dc=78.0°. |
| 5 | eP | 06 11 36.9 | Aleutian Islands 52.1°N 173.4°E, H= =05 59 42, h=43km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=77.7°. |
| 5 | eiP | 06 37 21.9 | Aleutian Islands. Dc=78.4°. |
| 5 | eiP ei | 06 43 41.7 43 49.4 | Aleutian Islands. 51.9°N 175.0°E, H= =06 31 43.0, h=25km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=78.1°. |
| 5 | eiP | 06 51 46.0 | C. Aleutian Islands 51.8°N 174.8°E, H= =06 39 49.2, h=25km(ISC). M=5.7 USCGS, 5.6 ISC. MPV=5.7 Kašperské Hory. Dc= =78.2°. |
| 5 | eiP | 07 19 59.3 | C. Aleutian Islands. Dc=78.6°. |
| 5 | eiP | 07 31 12.6 | C. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=78.3°. PV:1s 30mμ. |
| 5 | eiP | 07 41 15.2 | Aleutian Islands. Dc=78.4°. |
| 5 | eiP | 07 43 32.0 | Aleutian Islands 51.7°N 176.1°E, H= =07 31 32.5, h=33km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=78.4°. |
| 5 | ePKIKP | 08 00 25.3 | Fiji Islands. Dc=146.7°. |
| 5 | eP | 08 13 24.3 | Aleutian Islands 51.8°N 175.1°E, H= =08 01 25.1, h=25km(ISC). M=4.5 USCGS, 4.1 ISC. Dc=78.2°. |

| Date | Phase | h m s | Remarks |
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| 5 | ei | 08 52 59.5 | |
| 5 | eiP | 09 03 18.5 | C. Aleutian Islands. Dc=77.8°. |
| 5 | iP ei | 09 44 03 44 14.4 | C. Aleutian Islands. MPV=6.3 Kašperské Hory. Dc=77.6°. PV:1.2s 294mμ. |
| 5 | eiP | 10 16 58.7 | D. Aleutian Islands 52.4°N 172.5°E, H= =10 05 05.9, h=35km(ISC). M=4.5 USCGS, 4.2 ISC. Dc=77.3°. |
| 5 | eP | 10 20 31.5 | |
| 5 | eP | 10 20 41 | Aleutian Islands. Dc=77.5°. |
| 5 | eiP | 11 02 20 | Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=77.3°. PV:1s 27mμ. |
| 5 | eiPg ei eiSg | 12 00 43.8 00 49.5 01 03.5 | Explosion of 26.7 Tons. Dc=162km. |
| 5 | eiP ei | 12 49 03.3 50 45 | Aleutian Islands 51.5°N 175.1°E, H= =12 37 00.2, h=10km(ISC). M=4.3 USCGS, 4.2 ISC. Dc=78.5°. |
| 5 | iP | 13 50 42.7 | D. Aleutian Islands. MPV=5.7 Kašperské Hory. Dc=77.9°. PV:1s 70mμ. |
| 5 | eiP | 14 03 44 | D. Aleutian Islands. Dc=77.7°. |
| 5 | eiP | 14 20 21 | Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=78.2°. PV:1.2s 44mμ. |
| 5 | eiP | 14 40 40.8 | C. Aleutian Islands. Dc=78.2°. |
| 5 | eP eiPcP | 14 50 14 50 20.2 | Aleutian Islands. Dc=78.6°. |
| 5 | eP | 16 20 17 | Aleutian Islands 51.6°N 174.3°E, H= =16 08 18.1, h=40km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=78.3°. |
| 5 | eP | 16 51 52 | Aleutian Islands. Dc=77.4°. |
| 5 | eP | 17 02 48 | Aleutian Islands. Dc=78.3°. |
| 5 | eiP | 17 29 27.5 | D. Aleutian Islands. Dc=78.2°. |

| Date | Phase | h m s | Remarks |
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| 5 | eiP | 18 28 04.7 | Aleutian Islands. Dc=77.9°. |
| 5 | eiP | 18 36 00 | Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=78.0°. PV:1.2s 25mμ. |
| 5 | eiP | 18 53 05.2 | C. Aleutian Islands 52.1°N 175.4°E, H= =18 41 11.0, h=36km(ISC). M=4.2 ISC. Dc=78.0°. |
| 5 | eP ei | 19 12 36.5 12 46.7 | Aleutian Islands. MPV=5.9 Kašperské Hory. Dc=77.6°. PV:1s 97mμ. |
| 5 | eP | 20 51 10 | Aleutian Islands 51.4°N 177.0°E, H= =20 39 11.9, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=79.1°. |
| 5 | iP | 20 59 10.3 | C. Aleutian Islands. Dc=78.1°. |
| 5 | eiP | 21 42 41 | Aleutian Islands 51.5°N 177.2°E, H= =21 30 42.5, h=55km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=78.8°. |
| 5 | iP | 22 00 31.5 | D. Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=79.1°. PV:1.2s 31mμ. |
| 5 | eP | 22 28 00 | Aleutian Islands. Dc=78.7°. |
| 5 | e(P) | 23 26 24.5 | Aleutian Islands 51.7°N 173.8°E, H= =23 14 18.2, h=33km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=78.1°. |
| 6 | eP | 00 20 17.5 | Aleutian Islands. Dc=78.2°. |
| 6 | eP ei | 01 27 33 27 41.5 | Aleutian Islands. 52.4°N 171.1°E, H= =01 15 39.6, h=22km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=77.0°. |
| 6 | iP iPP eiS | 01 52 30.6 55 29 02 02 27 | D. Alaska. MPV=6.4 Kašperské Hory. Dc= =78.0°. PV:1.4s 492mμ. |
| 6 | eP | 02 19 05.5 | Aleutian Islands. Dc=79.1°. |
| 6 | eiP | 02 39 35.5 | C. |
| 6 | eiP | 03 34 27 | Aleutian Islands. Dc=78.6°. |
| 6 | eP | 03 51 16.3 | Aleutian Islands. Dc=78.5°. |

| Date | Phase | h m s | Remarks |
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| 6 | eiP | 03 51 52 | Dodecanese Islands. Dc=16.9°. |
| 6 | iP | 04 14 49.5 | C. Aleutian Islands. MPV=6.1 Kašperské Hory. Dc=78.0°. PV:2s 300m μ . |
| 6 | eiP | 05 02 55.6 | Aleutian Islands 51.3°N 177.5°E, H= =04 50 52.4, h=33km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=79.0°. |
| 6 | eiP | 05 44 13.8 | C. Aleutian Islands. Dc=78.5°. |
| 6 | eiP | 06 35 35 | C. Aleutian Islands. Dc=77.7°. |
| 6 | eiP | 06 40 10.3 | Aleutian Islands. Dc=79.0°. |
| 6 | eiP | 07 03 56.5 | Aleutian Islands 52.5°N 173.3°E, H= =06 52 04.0, h=33km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=77.3°. |
| 6 | eiP | 07 26 40.8 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=77.7°. PV:1s 54m μ . |
| 6 | eiP | 07 39 17.2 | C. Aleutian Islands. Dc=77.2°. |
| 6 | eiP | 08 09 21.5 | Aleutian Islands. Dc=77.5°. |
| 6 | ei | 08 56 22.4 | ei 57 15.0. |
| 6 | eiP | 08 58 49.4 | D. Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=78.0°. PV:1.2s 44m μ . |
| 6 | eiP | 09 16 09.5 | Aleutian Islands. Dc=78.4°. |
| 6 | eP | 11 44 15.5 | Aleutian Islands 51.7°N 175.0°E, H= =11 32 16.5, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=78.3°. |
| 6 | iP | 12 34 24.7 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=78.3°. PV:1.2s 62m μ . |
| 6 | eiP | 13 27 15.5 | Aleutian Islands. Dc=78.3°. |
| 6 | eP | 13 46 42.5 | Aleutian Islands 51.6°N 176.4°E, H= =13 34 43.1, h=33km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=78.6°. |
| 6 | eP | 14 23 07.3 | Aleutian Islands. Dc=78.0°. |

| Date | Phase | h m s | Remarks |
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| 6 | eP | 14 46 19 | South of Alaska. Dc=77.8°. |
| 6 | eP | 15 43 38.5 | Aleutian Islands. Dc=78.1°. |
| 6 | iP | 17 02 25 | D. South of Alaska. MPV=5.9 Kašperské Hory. Dc=77.9°. PV:2s 112m μ . |
| 6 | e | 17 12 22.7 | ei 12 55.5. |
| 6 | eiP | 18 19 27 | C. Aleutian Islands. Dc=78.7°. |
| 6 | iP | 18 22 29.8 | C. Aleutian Islands. Dc=78.7°. |
| 6 | eiP | 18 54 30.8 | Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=78.8°. PV:2s 112m μ . |
| 6 | eiP | 19 31 55.3 | D. Aleutian Islands. Dc=78.8°. |
| 6 | eiP | 20 30 49 | Aleutian Islands 52.4°N 174.5°E, H= =20 18 52.6, h=35km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=77.5°. |
| 6 | eiP | 21 14 52 | Aleutian Islands. Dc=76.8°. |
| 6 | e | 22 46 56.8 | Aleutian Islands 51.4°N 174.6°E, H= =22 34 46.2, h=39km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=78.5°. |
| 6 | eP | 23 35 41.5 | Aleutian Islands. Dc=78.7°. |
| 7 | eiP | 00 00 13.6 | Aleutian Islands. Dc=77.8°. |
| 7 | ei | 01 05 41 | ei 08 08, ei 08 45. |
| 7 | iP | 01 12 07 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=77.3°. PV:1s 21m μ . |
| 7 | iP | 02 29 07.7 | D. Aleutian Islands. MPV=6.1 Kašperské Hory. Dc=78.4°. PV:1.2s 150m μ . |
| 7 | eiP | 03 21 36 | C. |
| 7 | eiP | 04 21 23.2 | C. South of Alaska 53.5°N 161.5°W, H= =04 09 28.5, h=31km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.6°. |

| Date | Phase | h m s | Remarks |
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| 7 | iP | 04 23 18.5 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=78.0°. PV:1.3s 71m μ . |
| 7 | eiP | 04 47 49 | Aleutian Islands. Dc=78.3°. |
| 7 | iP | 06 10 54.6 | C. Aleutian Islands. MPV=5.3. Dc=78.3°. PV:1s 27m μ . |
| 7 | eP | 08 52 02.5 | Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=78.2°. PV:1.2s 25m μ . |
| 7 | eiP | 09 37 53.7 | C. Aleutian Islands. Dc=79.1°. |
| 7 | eiP | 09 56 19.6 | Aleutian Islands 51.4°N 176.8°E, H= =09 44 17.7, h=15km(ISC), M=4.0 USCGS, 4.8 ISC. Dc=78.8°. |
| 7 | iP iPcP | 11 35 08.2 35 15.6 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=77.4°. PV:2s 108m μ . |
| 7 | eiP | 11 42 41 | D. South of Alaska. MPV=5.2 Kašperské Hory. Dc=77.8°. PV:1.2s 21m μ . |
| 7 | eiP | 11 57 56.3 | C. Aleutian Islands. Dc=79.1°. |
| 7 | iP | 12 33 11.7 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=76.6°. PV:1s 48m μ . |
| 7 | e | 12 42 53 | |
| 7 | iP | 13 07 00.2 | D. Aleutian Islands. Dc=76.9°. |
| 7 | eiP | 13 32 49.5 | Aleutian Islands. Dc=79.0°. |
| 7 | eP | 14 59 08 | Aleutian Islands. Dc=78.1°. |
| 7 | iP | 15 24 28 | C. Aleutian Islands. Dc=78.2°. |
| 7 | eiP | 16 15 54 | Aleutian Islands 51.4°N 179.2°E, H= =16 03 59, h=80km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=79.1°. |
| 7 | iP | 17 25 03.2 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=77.5°. PV:1s 54m μ . |
| 7 | eiP ei | 19 40 42 40 58.5 | C. Komandorsky Islands. Dc=73.3°. |

| Date | Phase | h m s | Remarks |
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| 7 | e | 22 38 20 | |
| 8 | eP | 01 53 29 | Aleutian Islands. Dc=78.0°. |
| 8 | eP | 02 45 45 | Aleutian Islands 51.4°N 173.2°E, H= =02 33 46.3, h=35km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=78.3°. |
| 8 | eP | 05 19 42 | Aleutian Islands 52.2°N 173.4°E, H= =05 07 49.8, h=49km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=77.6°. |
| 8 | eiP | 06 35 43.5 | C. Aleutian Islands 51.5°N 172.6°E, H= =06 23 34.9, h=30km(ISC). M=4.7 ISC. Dc=78.1°. |
| 8 | eP | 07 26 15 | Aleutian Islands 52.2°N 176.4°E, H= =07 14 18.9, h=25km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=78.0°. |
| 8 | iP | 07 35 07.3 | C. Aleutian Islands 51.7°N 174.6°E, H= =07 23 07.7, h=24km(ISC). M=5.4 USCGS, 5.3 ISC, MPV=5.6 Kašperské Hory. Dc= =78.2°. PV:1.2s 62m μ . |
| 8 | eiP | 10 21 19.4 | D. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=78.3°. PV:1s 32m μ . |
| 8 | eiPg | 12 54 04 | ei 54 33.8. |
| 8 | e | 12 55 07 | eiSg 55 45.3, Lm 56 05. |
| 8 | eiP | 13 46 27 | Aleutian Islands 51.5°N 176.6°E, H= =13 34 24.5, h=20km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=78.7°. |
| 8 | ei | 15 05 52 | eiSg 06 08, Lm 06 17. |
| 8 | eiP | 15 53 13.5 | D. Aleutian Islands. Dc=77.1°. |
| 8 | iP i iPP | 15 58 21 58 47 16 01 06 | D. Komandorsky Island. MPV=5.9 Kašperské Hory. Dc=73.5°. PV:1.4s 131m μ . |
| 8 | eiP | 17 48 56 | Komandorsky Island. MPV=5.4 Kašperské Hory. Dc=73.2°. PV:1.1s 34m μ . |
| 8 | ei | 18 28 06.5 | |

| Date | Phase | h m s | Remarks |
|------|---------------------|------------------------------|---|
| 8 | eiP | 20 29 31.5 | Aleutian Islands 52.5°N 171.9°E, H= =20 17 39.9, h=33km(ISC). M=4.3 USCGS, 4.2 ISC. Dc=77.1°. |
| 8 | eiSg | 20 44 35 | Lm 44 38. |
| 9 | eiP ei | 01 37 11.5 37 23.2 | Aleutian Islands. Dc=77.1°. |
| 9 | iPKIKP | 06 01 14.5 | C. New Hebrides Islands. Dc=143.9°. |
| 9 | eiP | 09 20 51 | C. Aleutian Islands. Dc=77.3°. |
| 9 | e | 11 22 52 | ei 23 11, ei 23 16. |
| 9 | eiP | 15 07 17.6 | C. Kurile Islands. Dc=78.9°. |
| 9 | eiPKP | 17 13 11.5 | C. Loyalty Islands. Dc=147.5°. |
| 9 | iP | 17 49 06 | D. Aleutian Islands. MPV=6.2 Kašperské Hory. Dc=76.9°. PV:1.2s 250m μ . |
| 9 | eiP | 18 30 21.8 | Aleutian Islands. Dc=78.1°. |
| 9 | eiP eiPP Lm | 20 41 35 41 54 46 59 | Ionian Sea. Dc=12.2°. |
| 9 | eiP | 23 23 21.5 | Aleutian Islands. Dc=77.6°. |
| 9 | eiP ei | 23 35 48 38 22 | Ionian Sea. Dc=12.3°. |
| 10 | eiP | 00 50 00.5 | Aleutian Islands. Dc=77.7°. |
| 10 | eiP | 00 52 17.2 | C. Aleutian Islands. Dc=77.6°. |
| 10 | eiP | 02 20 27.1 | Aleutian Islands. Dc=77.5°. |
| 10 | ePn eiPg eiSg | 04 44 51 45 08.8 46 05 | Switzerland. D=4.1°. Dc=4.1°. |
| 10 | eiP | 08 09 43.4 | Aleutian Islands. Dc=77.7°. |
| 10 | e | 13 01 21 | |

| Date | Phase | h m s | Remarks |
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| 10 | iP | 16 15 29 | D. Northwestern Iran. MPV=4.8 Kašperské Hory. Dc=26.7°. PV:1.2s 28m μ . |
| 11 | eiPKIKP i | 02 52 57.2 53 03 | D. Tonga Islands. Dc=151.5°. |
| 11 | eiP ei | 04 51 34 52 09 | C. North of Ascension Island. MPV=4.9 Kašperské Hory. Dc=55.7°. PV:1.4s 19m μ . |
| 11 | e | 05 31 56 | ei 32 16.2. |
| 11 | eiP ei | 06 58 14.5 58 27.3 | Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=76.7°. PV:1.1s 23m μ . |
| 11 | ei | 07 58 16 | |
| 11 | e | 13 00 16.4 | eiSg 00 54.6, Lm 01 16. |
| 11 | eiP | 13 07 10 | Aleutian Islands. Dc=77.6°. |
| 11 | ei | 13 36 05.3 | |
| 11 | eP | 15 39 50.8 | Aleutian Islands 51.4°N 176.1°E, H= =15 27 49.4, h=29km(ISC). M=4.9 USCGS, 4.5 ISC. Dc=78.8°. |
| 11 | eiP | 16 23 19.8 | Ecuador. Dc=92.1°. |
| 12 | eiP | 00 55 18 | D. Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=78.6°. PV:1.2s 19m μ . |
| 12 | iP ei | 01 07 02 08 10.4 | C. Aleutian Islands. MPV=5.7 Kašperské Hory. Dc=77.4°. PV:1.4s 85m μ . |
| 12 | eiP | 01 15 19.4 | Aleutian Islands. Dc=79.1°. |
| 12 | eP | 01 22 41 | Aleutian Islands. Dc=78.1°. |
| 12 | eP | 01 30 16 | Aleutian Islands. Dc=77.7°. |
| 12 | eiP | 05 29 19 | Aleutian Islands. Dc=77.2°. |
| 12 | e | 10 45 13 | eiSg 45 28.6. |
| 12 | ei | 11 01 47 | |

| Date | Phase | h m s | Remarks |
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| 12 | ei | 11 35 36 | |
| 12 | eiP | 12 23 51.5 | Aleutian Islands. Dc=77.2°. |
| 12 | eP | 12 31 29 | Aleutian Islands. Dc=78.3°. |
| 12 | eP | 22 03 31 | Aleutian Islands. Dc=77.4°. |
| 13 | eP | 01 02 26.5 | Iran-USSR. Dc=25.3°. |
| 13 | eiP | 02 27 07 | Aleutian Islands. Dc=78.2°. |
| 13 | eSg | 05 09 36 | Lm 09 47. |
| 13 | e | 08 45 26 | eiSg 45 42. |
| 13 | ePg | 14 02 02 | D=2°. eiSg 02 28. |
| 13 | eiPg eiSg Lm | 14 33 11 33 17.8 33 21 | Explosion of 17 Tons. Dc=54km. |
| 13 | e | 21 27 16.4 | |
| 14 | eP | 10 50 02 | Aleutian Islands. Dc=77.3°. |
| 14 | eiP | 18 01 02.2 | D. Greenland Sea. MPV=5.1 Kašperské Hory. Dc=24.3°. PV:2.2s 125mμ. |
| 14 | iP | 19 42 37.0 | C. Greenland Sea. MPV=5.5 Kašperské Hory. Dc=24.3°. PV:1.6s 155mμ. |
| 14 | eiP | 18 01 02.2 | D. Greenland Sea. MPV=5.1 Kašperské Hory. Dc=24.3°. PV:2.2s 125mμ. |
| 14 | iP | 19 42 37.0 | C. Greenland Sea. MPV=5.5 Kašperské Hory. Dc=24.3°. PV:1.6s 155mμ. |
| 14 | eiP ei | 21 29 27 29 28.7 | Aleutian Islands. Dc=77.5°. |
| 15 | eiP | 01 37 11 | Aleutian Islands. Dc=79.4°. |
| 15 | eiP ei | 05 13 22 13 30.4 | C. Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=77.5°. PV:1.2s 50mμ. |

| Date | Phase | h m s | Remarks |
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| 15 | eiP | 06 54 15 | Aleutian Islands. 51.5°N 179.5°E, H= =06 42 12.0, h=28km(ISC). M=4.9 USCGS. Dc=79.0°. |
| 15 | ei | 08 54 27 | |
| 15 | eP ei ei | 09 51 59 52 21 52 47 | Central Mid Atlantic Ridge. Dc=56.4°. |
| 15 | eiP ei eiPP | 10 57 12.4 11 00 22 01 16 | C. Talaud Islands. Dc=102.1°. |
| 15 | eiP | 12 39 31 | D=68km. eiSg 39 39. |
| 15 | eiP ei | 12 42 40 43 22 | C. Central Russia. Dc=41.1°. |
| 15 | eP eiSg | 13 56 31 56 48 | D=1.3°. |
| 15 | eSg | 13 58 09 | |
| 15 | e ei | 23 02 47.6 03 05 | Banda Sea 5.7°S 131.1°E, H=22 44 43.3, h=57km(ISC). M=4 USCGS. Dc=112.1°. |
| 16 | eP ei | 01 07 01 07 42.8 | Aleutian Islands. Dc=79.0°. |
| 16 | iP ei ei | 12 36 20.2 36 38 39 02 | C. Japan. MPV=5.8 Kašperské Hory. Dc= =81.1°. PV:1.2s 100mμ. |
| 16 | ei | 14 22 43.2 | |
| 16 | epP ei | 20 55 01 56 04 | Hindu Kush. Dc=42.8°. |
| 16 | eiP | 21 21 44.6 | Aleutian Islands 52.1°N 175.9°E, H= =21 09 48.1, h=40km(ISC). M=4.8 ISC, 4.5 USCGS. Dc=78.1°. |
| 17 | eiP | 03 04 25.4 | Aleutian Islands 51.9°N 175.2°E, H= =02 52 26.9, h=34km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=78.2°. |
| 17 | eiP | 04 13 10 | Kodiak Islands. Dc=73.6°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|------------------------------|--|
| 17 | eiP ei | 10 23 18 23 35.4 | Aleutian Islands 51.3°N 178.4°E, H= =10 11 14.1, h=29km(ISC). M=5.3 USCGS, 5.1 ISC. Dc=79.1°. |
| 17 | eiP | 10 25 10 | Aleutian Islands. Dc=78.1°. |
| 17 | iP ei | 10 30 50.2 31 14 | C. Aleutian Islands. MPV=5.7 Kašperské Hory. Dc=78.6°. PV:1.4s 92mμ. |
| 17 | eSg | 10 47 17 | |
| 17 | eSg | 11 59 48 | Im 12 00 02. |
| 17 | ePg eiSg Lm | 12 28 43 29 00 29 16 | D=1.3°. |
| 17 | eiP | 18 36 49.3 | Mariana Islands. Dc=96.4°. |
| 17 | eP | 18 40 46 | |
| 17 | eiP ei | 19 45 11.8 45 29 | Central Mid Atlantic Ridge. Dc=56.5°. |
| 18 | eiP ei ei | 04 37 16 37 30.5 38 22 | Burma-India Border Region. MPV=5.0 Kašperské Hory. Dc=56.6°. PV:1.2s 19mμ |
| 18 | eiP | 07 38 54.2 | Aleutian Islands 51.9°N 174.1°E, H= =07 26 57.8, h=32km(ISC). M=5.2 USCGS. 5.0 ISC. Dc=78.0°. |
| 18 | eiP | 08 46 07.8 | C. Aleutian Islands 51.8°N 176.4°E, H= =08 34 07.8, h=14km(ISC). M=5.1 USCGS, 4.7 ISC. Dc=78.4°. |
| 18 | eiP | 09 46 54 | Aleutian Islands 51.6°N 175.0°E, H= =09 34 52.1, h=14km(ISC). M=5.1 USCGS, 4.7 ISC. Dc=78.4°. |
| 18 | ePg eiSg Lm | 10 13 18 13 22.8 13 25 | D=42km. |
| 18 | e | 10 44 33 | ei 44 36. |
| 18 | ePg eiSg | 12 47 34 47 39.6 | D=50km. |

| Date | Phase | h m s | Remarks |
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| 18 | ePg eiSg | 12 56 51 57 17 | D=2°. |
| 18 | e | 12 58 02 | eiSg 58 39, Im 59 01. |
| 18 | e | 17 09 40 | eiSg 09 52. |
| 18 | eiP | 22 44 36 | Peru-Brazil. Dc=94.0°. |
| 18 | ePP | 22 58 45 | Banda Sea. Dc=110.6°. |
| 18 | eiP ei | 23 25 39.4 25 57 | C. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=79.1°. |
| 18 | eP | 23 47 01 | Japan Region. Dc=78.0°. |
| 19 | eiP | 03 36 44 | Aleutian Islands. Dc=78.3°. |
| 19 | eiP | 06 34 26.4 | Aleutian Islands 51.3°N 178.1°E, H= =06 22 34.3, h=129km(ISC). M=5.1 USCGS, 4.7 ISC. Dc=79.1°. |
| 19 | e | 08 00 19 | eiSg 00 45.8, Im 01 03. |
| 19 | e | 10 16 04 | Im 16 15. |
| 19 | e | 10 31 31 | |
| 19 | e | 10 44 45 | |
| 19 | e | 11 02 43.5 | eiSg 02 55.4. |
| 19 | e | 12 55 46 | |
| 19 | e | 13 59 14.5 | eiSg 59 24.6. |
| 19 | e | 14 02 27 | eiSg 02 45.3, Im 02 51. |
| 19 | eiPg iSg | 16 01 43.8 01 46.3 | Explosion of 4 Tons. Dc=22km. |
| 19 | eiP | 18 30 20 | Bonin Islands 27.9°N 139.8°E, H= =18 18 15.5, h=287km(ISC). M=4.6 ISC, USCGS. Dc=88.5°. |

| Date | Phase | h m s | Remarks |
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| 19 | eP ei | 19 04 46 05 23 | Aleutian Islands. Dc=79.3° |
| 19 | eP ei | 23 52 22 52 28.2 | Aleutian Islands 51.9°N 176.7°E, H= =23 40 36.3, h=89km(ISC). M=4.9 USCGS, 4.5 ISC. Dc=78.3°. |
| 20 | ePKIKP | 06 32 15.8 | Tonga Islands 15.2°S 173.6°W, H= =06 12 38.1, h=33km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=145.1°. |
| 20 | eSg ei | 07 58 07 59 13 | Austria 47.4° N 15.1° E, H=07 57(Vienna). Dc=2.1°. |
| 20 | e | 10 32 35.2 | ei 33 13.5, ei 34 30. |
| 20 | eSg | 12 18 42 | |
| 20 | e | 20 44 22.5 | eiSg 44 30. |
| 20 | eiP | 20 56 04.7 | Aleutian Islands 51.9°N 176.7°E, H= =20 44 08.0, h=51km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=78.3°. |
| 20 | eiP | 22 18 46.4 | D. Aleutian Islands. Dc=79.9°. |
| 21 | iP | 04 50 43.0 | C. Kurile Islands. Dc=78.5°. |
| 21 | e | 11 31 42.6 | ei 32 40. |
| 21 | iPKIKP ei ei | 11 33 52.4 34 15.4 35 09 | D. Tonga Islands. Dc=145.8°. |
| 22 | eiPn iPg eiSg Lm | 02 50 25 50 26.5 50 41 50 53 | D=1.1° |
| 22 | eiPg eiSg Lm | 06 22 30 22 37.8 22 40 | D=68km. |
| 22 | eiPg eiSg Lm | 06 35 12.6 35 29 35 37 | D=1.1°. |
| 22 | ePg eiSg | 09 17 30 18 59 | France. D=6.7°, Dc=6.7°. |

| Date | Phase | h m s | Remarks |
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| 22 | eiP iPcP i | 09 26 47.7 26 58 27 06.4 | D. Aleutian Islands. Dc=77.9°. |
| 22 | e | 10 44 45 | ei 44 49.2. |
| 22 | eiP | 11 29 57 | Aleutian Islands. Dc=77.7°. |
| 22 | e | 13 02 55 | ei 03 27. |
| 22 | eP eiSg | 13 05 26.5 05 29 | D=21km. |
| 22 | eSg | 14 45 26 | Lm 45 38. |
| 22 | e | 15 41 23.5 | Lm 41 35. |
| 22 | eSg | 21 35 42 | Lm 35 54. |
| 22 | eiPKIKP ei | 21 57 44.8 57 49.2 | Fiji Islands. Dc=144.8°. |
| 23 | eiPn ei ei | 02 32 41.2 33 47 34 17.7 | Yugoslavia. Dc=5.2°. |
| 23 | eSg | 05 28 47 | Lm 28 55. |
| 23 | eiP | 07 19 04.8 | Aleutian Islands 52.7°N 173.0°E, H= =07 07 14.9, h=51km(ISC). M=5.2 USCGS, 5.0 ISC. |
| 23 | eiP | 08 23 13.8 | Kurile Islands. Dc=76.7°. |
| 23 | e | 10 48 54 | eiSg 48 59.7. |
| 23 | e | 11 41 08 | |
| 23 | eP | 11 46 19.5 | ei 46 25. |
| 23 | ei eiSg | 12 40 26 . 40 31 | Explosion (Germany). Dc=2.4°. |
| 23 | e | 14 01 02 | ei 01 13. |
| 23 | eiPn eiPg eiSg Lm | 17 36 06.7 36 10 36 26 36 35 | D=1.1°. |

| Date | Phase | h m s | Remarks |
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| 23 | eiP ei ei | 22 25 55 26 10.5 29 15.8 | Chile. Dc=105.4°. |
| 24 | e | 12 45 59.5 | Lm 46 09. |
| 24 | e | 12 50 16 | |
| 24 | ei | 12 59 29.5 | |
| 24 | eiPKIKP | 15 47 31 | Tonga Islands. Dc=150.3°. |
| 24 | e | 15 53 55 | ei 54 02. |
| 24 | eiP | 21 05 48 | Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=77.9°. PV:1.1s 29mμ. |
| 24 | eiP ei | 21 35 18 35 31.2 | Aleutian Islands. Dc=79.1°. |
| 25 | eiP | 02 07 50 | Japan. Dc=80.9°. |
| 25 | ei | 03 16 43 | |
| 25 | eiP ei | 05 10 24 10 52.7 | New Britain Region. Dc=124.0°. |
| 25 | eiP eiPcP | 05 34 09 34 19.8 | C. Aleutian Islands. MPV=6.0 Kašperské Hory. Dc=77.6°. PV:1.5s 173mμ. |
| 25 | eiP | 06 43 57.5 | Aleutian Islands. Dc=77.8°. |
| 25 | eiP | 05 45 59.5 | Aleutian Islands. Dc=77.7°. |
| 25 | eiP eiPcP | 05 58 49 58 58.7 | Aleutian Islands. Dc=77.8°. |
| 25 | eiP | 06 32 54.5 | Aleutian Islands. Dc=77.7°. |
| 25 | eiPKIKP ei | 10 38 08 38 53.5 | New Britain Region 5.4°S 152.2°E, H= =10 19 10.2, h=23km(ISC). M=5.7 USCGS. 5.4 ISC. Dc=124.2°. |
| 25 | eiP ei | 10 44 50.2 45 12 | Burma - India. MPV=5.0 Kašperské Hory. Dc=66.8°. PV:1s 11mμ. |

| Date | Phase | h m s | Remarks |
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| 25 | e e eiSg Lm | 11 35 58 36 16.2 36 19.5 36 29 | |
| 25 | ei | 12 39 56.5 | Aleutian Islands 51.2°N 178.1°E, H= =12 27 51.5, h=26km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=79.1°. |
| 25 | e | 12 45 48 | ei 46 06. |
| 25 | eiPg eiSg | 12 56 07 56 40 | D=2.5°. |
| 25 | eiPKP | 15 12 29 | Tonga Islands. Dc=151.0°. |
| 25 | eiP ei | 16 17 39 17 53 | Philippine Islands. Dc=86.7°. |
| 25 | eiP | 19 42 44.5 | Santa Cruz Islands. Dc=136.1°. |
| 26 | e | 01 29 11 | |
| 26 | eiP i ei | 01 43 56.4 43 59 44 16 | Iran. Dc=34.9°. |
| 26 | eiPKIKP eiPKHKP | 05 02 15.8 02 19.6 | Tonga Islands. Dc=148.6°. |
| 26 | eiPKIKP i ei | 05 55 41.7 55 46.2 56 25 | Tonga Islands. Dc=149.0°. |
| 26 | e | 07 16 37 | eSg16 50, Lm 16 57. |
| 26 | eP ei | 07 46 55 47 14 | Japan 36.6°N 142.6°E, H=07 34 30.1, h= =44km(ISC). M=4.4 ISC, 4.2 USCGS. Dc= =83.4°. |
| 26 | e | 12 49 37 | ei 50 19. |
| 26 | eiSg | 12 51 12.5 | Lm 51 35. |
| 26 | ei | 14 03 25.7 | ei 03 32. |
| 26 | eiPg eiSg Lm | 14 12 37.8 12 43 12 46 | D=42km. |

| Date | Phase | h m s | Remarks |
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| 26 | e | 14 19 05 | ei 19 23.7. |
| 26 | ei | 15 06 17 | ei 06 24. |
| 26 | eiP | 20 05 55 | C. Crete 35.1°N 23.2°E, H=20 02 16.5, h=92km(ISC). Dc=15.7°. |
| 26 | iP ei ei | 23 48 20 49 15 49 29.2 | Columbia 6.8°N 73.0°W, H=23 36 12.7, h=158km(ISC). M=5.7 USCGS, 5.5 ISC. Dc=82.7°. |
| 27 | eiP ei | 02 14 15.7 14 28.6 | C. Ryukyu Islands 25.1°N 128.2°E, H=02 01 36.6, h=33km(ISC). M=5.3 ISC, 5.2 USCGS. Dc=85.9°. |
| 27 | e | 10 44 45 | |
| 27 | eP | 11 01 33 | |
| 27 | iP ei ei | 11 35 33.4 35 57.2 37 41 | C. Southern Algeria. MPV=5.9. Dc=25.8°. PV:1.5s 464μ. |
| 27 | e | 15 35 30 | eiSg 36 10.7, Lm 36 17. |
| 27 | eiP | 17 45 12 | Aleutian Islands 51.7°N 176.7°E, H=17 33 11.8, h=25km(ISC). M=4.6 ISC, 4.4 USCGS. Dc=78.5°. |
| 28 | ePn ei ei eiSg | 00 29 17 29 22.7 29 40.8 30 06 | Yugoslavia. Dc=3.4°. |
| 28 | eiP | 00 59 07.5 | Aleutian Islands 50.4°N 177.8°E, H=00 46 59.4, h=33km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=80.0°. |
| 28 | eiP | 01 28 30.5 | D. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=79.9°. PV:1.1s 20μ. |
| 28 | eiP | 04 05 09.8 | Aleutian Islands. Dc=77.4°. |
| 28 | eiP ei | 08 12 55 13 10.2 | Southern Persia 20.8°N 55.0°E, H=08 05 37.0, h=33km(ISC). Dc=38.2°. |
| 28 | e | 12 34 03.5 | eiSg 34 12. |
| 28 | e eiSg | 15 08 58.5 09 09.2 | Poland. Dc=3.6°. |

| Date | Phase | h m s | Remarks |
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| 1 | e | 05 34 03 | eiSg 34 36.5. |
| 1 | ePKIKP ei | 07 39 51 40 13.5 | New Britain Region. Dc=124.1°. |
| 1 | ePKIKP | 08 05 53.5 | New Britain Region 5.4°S 152.1°E, H=07 46 56.9, h=30km(ISC). M=5.7 USCGS, 5.2 ISC. Dc=124.1°. |
| 1 | eiP | 08 31 31 | Taiwan. Dc=85.2°. |
| 1 | eiPKIKP | 09 27 43.4 | D. New Britain Region. Dc=124.0°. |
| 1 | e | 12 43 14 | eiSg 43 17.5, Lm 43 23. |
| 1 | ei | 13 12 16.6 | eiSg 13 10, Lm 13 32. |
| 1 | ePg eiSg Lm | 13 31 15 31 17 31 19 | D=17km. |
| 1 | eiP ei | 13 33 30 34 03 | D. Taiwan. Dc=85.1°. |
| 1 | eiP | 19 33 58 | D. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=77.7°. PV:1s 35μ. |
| 1 | eiP ei | 21 44 55 45 39 | Mexico - Guatemala. Dc=88.7°. |
| 1 | eiPKIKP eiPKHKP ei | 22 10 51.5 10 58.5 11 12 | Fiji Islands. Dc=152.0°. |
| 2 | eiPKIKP eiPKP2 | 00 12 26 12 54.6 | Kermadec Islands. Dc=156.5°. |
| 2 | ePKIKP eiPKP2 | 03 10 28 10 53 | Kermadec Islands. Dc=156.6°. |
| 2 | ePKIKP ei | 06 17 35 18 04 | Kermadec Islands. Dc=156.5°. |
| 2 | ePKP2 | 06 55 03 | West of Macquarie Islands. Dc=156.4°. |
| 2 | ePKP2 | 07 45 13 | C. Kermadec Islands. Dc=156.6°. |

| Date | Phase | h m s | Remarks |
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| 2 | eiP | 09 37 10.5 | Greenland Sea. Dc=24.5°. |
| 2 | eiPKIKP eiPKP2 | 09 39 33 40 02 | Kermadec Islands. Dc=156.4°. |
| 2 | eiPKIKP eiPKP2 | 14 43 00 43 30 | Kermadec Islands. Dc=156.6°. |
| 2 | eiPKP2 | 16 54 45 | D. Fiji Islands 27.0°S 177.5°W, H= =16 34 21.0, h=23km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=156.5°. |
| 2 | eiPKP2 | 20 11 24.6 | Kermadec Islands. Dc=156.4°. |
| 2 | eiP ei | 21 48 41.3 50 54 | Bonin Islands. MPV=5.2 Kašperské Hory. Dc=89.2°. PV:1s 16mμ. |
| 2 | eiP | 22 03 43.2 | D. Turkey. Dc=15.0°. ei 04 49.4, ei 06 49.6, Lm 08 42. |
| 2 | eiPKP | 23 50 31 | Kermadec Islands. Dc=156.4°. |
| 3 | eiPKIKP | 03 56 58.6 | Kermadec Islands. Dc=156.2°. ei 37 28.4. |
| 3 | eiP ei | 06 22 41.7 23 29.5 | C. Eastern Kazakh. MPV=5.6 Kašperské Hory. Dc=40.8°. PV:1s 73mμ. |
| 3 | eiP | 07 30 29.3 | C. Mongolia. MPV=5.3 Kašperské Hory. Dc=57.1°. PV:1.1s 29mμ. |
| 3 | eiPg | 11 33 49 | D=76km. eiSg 33 58. |
| 3 | ePKP2 | 11 36 44.6 | Kermadec Islands. Dc=156.5°. |
| 3 | eSg | 12 49 41 | Lm 49 49. |
| 3 | ePg | 12 53 44 | D=85km. eiSg 53 54.2. |
| 3 | eSg | 13 09 27 | Lm 09 33. |
| 3 | eiPKIKP | 14 58 55.2 | Kermadec Islands. Dc=156.3°. eiPKP2 59 24.5. |
| 3 | eiPKIKP | 15 33 04.7 | New Britain Region. Dc=123.9°. ei 34 32.8. |

| Date | Phase | h m s | Remarks |
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| 3 | iP ei | 16 59 16.5 17 01 08 | C. Aleutian Islands. MPV=6.5 Kašperské Hory. Dc=76.5°. PV:1.2s 412mμ. ei 59 24.5, ei 59 35. |
| 3 | ei | 19 25 28.6 | California. Dc=83.2°. |
| 3 | eiP | 19 41 15.2 | C. Kurile Islands. MPV=5.7 Kašperské Hory. Dc=78.5°. PV:1s 60mμ. |
| 4 | eiPn eiSg | 00 49 27.2 52 23 | France. D=9.4°. Dc=9.6°. eiPg 50 13.5, ei 51 43.5, Lm 52 43. |
| 4 | eiP | 01 54 49 | Aleutian Islands. Dc=78.7°. |
| 4 | eiPKIKP | 02 07 25.5 | Guinea Region. Dc=121.4°. |
| 4 | eiP | 02 13 30 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=78.6°. PV:1s 19mμ. |
| 4 | eiPKP | 04 13 04 | Tonga Islands. Dc=151.7°. ei 13 18.8. |
| 4 | eiPKIKP ei | 06 18 18.7 19 07.6 | Samoa Islands 14.7°S 173.5°W, H= 05 58 43.3. (ISC). M=4.8 ISC, USCGS. Dc=145.1°. |
| 4 | eP | 06 42 11 | Aleutian Islands 52.0°N 175.1°E, H= =06 30 18.8, h=57km(ISC). M=5.5 USCGS, 5.3 ISC. Dc=78.0°. |
| 4 | e | 10 56 15 | ei 56 19. |
| 4 | eiPg | 13 01 27.2 | Explosion of 13.6 Tons. Dc=212km. eiSg 01 51.4, Lm 02 06. |
| 4 | eiSg | 13 05 26 | Lm 05 50. |
| 4 | e | 14 37 53 | |
| 4 | e | 15 25 25.5 | |
| 4 | e | 15 31 56 | |
| 5 | eiP ei | 06 27 07.5 27 20.6 | Aleutian Islands. MPV=5.5 Kašperské Hory. Dc=79.3°. PV:1.2s 37mμ. |
| 5 | eiP | 06 38 10 | Aleutian Islands 50.3°N 177.8°E, H= =06 25 59.1, h=15km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=80.1°. |

| Date | Phase | h m s | Remarks |
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| 5 | ei(Pg) | 06 44 27 | ei 45 15, eiSg 45 27.5. |
| 5 | ei | 09 37 19.6 | |
| 5 | ePg | 10 09 14 | D=1.1°. eiSg 09 29. |
| 5 | eiSg | 12 39 36.7 | Lm 39 41. |
| 5 | e | 12 47 59.5 | ei 48 36.5. |
| 5 | ei | 13 13 23 | ei 13 30. |
| 5 | iP ei | 13 54 40.0 54 45 | C. Aleutian Islands. MPV=5.7 Kašperské Hory. Dc=77.8°. PV:1s 71m μ . ei 55 47.7. |
| 5 | eiSg | 14 05 16 | Lm 05 20. |
| 5 | eP | 14 45 43 | Argentine. Dc=101.9°. eiSP 48 33, eiPP 49 27. |
| 5 | e | 16 28 49 | eiSg 28 54.3, Lm 28 57. |
| 5 | iP i | 18 11 08.6 11 18.5 | C. Aleutian Islands. MPV=5.8 Kašperské Hory. Dc=77.6°. PV:1.2s 100m μ . ei 12 12.2. |
| 5 | eiPKP | 19 56 48.4 | Kermadec Islands. Dc=156.2°. eiPKP 2 57 10.5. |
| 5 | eiP ei | 23 41 11.0 41 30.6 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=76.4°. PV:1s 68m μ . |
| 6 | ePKIKP | 04 26 47.5 | Fiji Islands. Dc=156.1°. eiPKP2 27 15. |
| 6 | eiP eiPcP | 06 04 51 05 02.4 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=77.3°. PV:1.2s 25m μ . |
| 6 | iP ePcP | 08 31 26.6 31 38.2 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=77.5°. PV:1s 54m μ . ei 33 03.5. |
| 6 | eiPKP | 10 39 58.5 | Fiji Islands. Dc=146.9°. |
| 6 | ePKIKP | 11 30 14.5 | South Pacific Ocean. Dc=139.1°. ei 30 18.4. |

| Date | Phase | h m s | Remarks |
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| 6 | eiP iPP | 13 53 13.4 56 09 | C. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=77.9°. PV:2s 58m μ . |
| 6 | eiP ei | 17 22 19 22 30 | Aleutian Islands. 51.6°N 174.5°E, H= =17 10 20.3, h=35km(ISC). M=4.9 USCGS, 4.5 ISC. Dc=78.3°. |
| 6 | eiP | 20 36 33 | C. Philippine Islands. MPV=5.2 Kašper- ské Hory. Dc=86.0°. PV:1.5s 27m μ . ei 37 59. |
| 7 | eiP | 01 48 53 | D. Eastern Russia. MPV=5.0 Kašperské Hory. Dc=73.1°. PV:0.7s 22m μ . |
| 7 | eiPKIKP | 02 03 02.2 | Kermadec Islands. Dc=159.1°. eiPKP2 03 40, eiPP 07 22. |
| 7 | e | 02 42 53 | |
| 7 | eiP ei | 07 40 58 42 20 | D. Western Gulf of Aden. MPV=5.1 Kašper- ské Hory. Dc=45.7°. PV:1.4s 31m μ . |
| 7 | eiP eiPP | 07 50 50.6 52 40 | C. Western Gulf of Aden. MPV=5.3 Kašper- ské Hory. Dc=45.7°. PV:1.5s 45m μ . |
| 7 | eSg | 10 01 22 | |
| 7 | e | 11 12 14 | eiSg 12 32.5. |
| 7 | eiP ei | 11 16 38.2 17 18 | C. Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=78.3°. PV:1.2s 28m μ . |
| 7 | eiPKP2 | 16 29 16.5 | Kermadec Islands. Dc=156.6°. |
| 7 | eiPKIKP | 17 17 35 | Loyalty Islands 20.0°S 168.9°E, H= =16 58 01.5, h=37km(ISC). M=4.3 USCGS. Dc=144.9°. |
| 8 | e | 03 06 28 | |
| 8 | eSg | 10 53 56 | Lm 54 07. |
| 8 | ePg | 11 00 41 | D=1.1°. eiSg 00 56.5. |
| 8 | ePg | 11 59 50 | D=2.5°. iSg 12 00 23.2, Lm 00 39. |
| 8 | eiP ei | 12 57 26.6 57 33 | Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=79.4°. PV:1s 11m μ . |

| Date | Phase | h m s | Remarks |
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| 8 | eiSg | 13 06 57 | Im 07 18. |
| 8 | e | 16 30 44 | eiSg 30 48 8. |
| 8 | e | 16 34 54 | |
| 8 | eiPKIKP ipPKIKP | 19 42 16.6 42 48.5 | D. Loyalty Islands. Dc=147.9°. ei 43 09. |
| 8 | eP | 23 05 51.2 | Greece. Dc=12.5°. ei 06 04. |
| 9 | eiPKIKP eipPKIKP | 01 55 40.4 57 25.2 | Fiji Islands. Dc=146.8°. ei 55 44. |
| 9 | ei | 02 06 30 | |
| 9 | eiP | 09 10 20.2 | D. |
| 9 | eiP | 13 07 43 | Japan. Dc=78.6°. ei 08 05. |
| 9 | iP i ei ei | 18 00 50 00 56.5 02 30 05 02 | C. Aegean Sea. Dc=12.2°. PV:2s 833m μ . |
| 9 | ei | 18 37 30 | |
| 9 | eiP ei | 18 40 47 41 14 | Aegean Sea. Dc=12.3°. |
| 9 | eiP | 19 02 15.6 | Aegean Sea 38.5°N 22.4°E, H=18 59 25, h=66km(ISC). M=4.2 USCGS, 3.9 ISC. Dc= =12.4°. |
| 9 | eiP ei | 19 49 53.5 54 04.5 | Aegean Sea. Dc=12.4°. ei 50 48. |
| 9 | ei | 20 17 24.5 | |
| 9 | ei | 20 48 38 | |
| 9 | eiP ei ei ei | 21 23 04 23 13 27 05.6 28 02.5 | C. Aegean Sea. Dc=12.4°. PV:1s 14m μ . |

| Date | Phase | h m s | Remarks |
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| 9 | eiP | 21 57 09 | Aleutian Islands 52.8°N 172.5°E, H= =21 45 18.8, h=38km(ISC). M=4.9 USCGS, 4.8 ISC. Dc=76.9°. |
| 9 | eiP ei | 22 22 04 22 20.6 | Aegean Sea. Dc=12.4°. PV:1.5s 54m μ . |
| 9 | ei | 22 37 42 | |
| 9 | iP ei ei ei | 22 38 10.6 40 17 42 06 43 13 | Aegean Sea. Dc=12.3°. |
| 10 | e | 00 07 33 | Aegean Sea 39.2°W, 23.8°E, H=00 04 32.9, h=0km(ISC). Dc=12.3°. |
| 10 | eP | 00 26 57 | Kurile Islands 46.4°N 152.8°E, H= =00 14 57.4, h=33km(ISC). M=4.4 USCGS, 4.2 ISC. |
| 10 | eiP ei ei ei ei | 01 39 02.5 39 47.6 40 23 41 53.5 43 37.8 | D. Aegean Sea. Dc=12.4°. PV:1.2s 28m μ . |
| 10 | eiP ei | 05 51 05.6 51 09.2 | D. Western Iran. MPV=4.9 Kašperské Hory. PV:1.1s 23m μ . |
| 10 | e | 13 01 39 | eiSg 02 02. |
| 10 | eiPKIKP i ei | 16 12 21 12 38 14 07.6 | D. Fiji Islands. Dc=150.8°. iPKHKP 12 28. |
| 10 | eiP | 21 53 13.5 | C. Aegean Sea. Dc=12.3°. |
| 10 | eiP | 22 04 36 | Alaska Peninsula. Dc=74.7°. |
| 10 | eiP | 22 26 19.7 | |
| 11 | eiPKIKP | 08 21 17 | New Hebrides Islands 19.0°S 169.0°E, H= =08 01 49, h=25km(ISC). M=5.0 USCGS. Dc=144.0°. |
| 11 | eiPg | 08 40 34 | D=1.3°. eiSg 40 51.5. |

| Date | Phase | h m s | Remarks |
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| 11 | eiP | 08 43 01.6 | C. Kurile Islands. MPV=5.6 Kašperské Hory. Dc=78.8°. PV:1s 54m μ . |
| 11 | eiP | 08 48 48.3 | C. Kurile Islands. MPV=4.8 Kašperské Hory. Dc=79.5°. PV:1s 22m μ . |
| 11 | ei | 09 55 46 | |
| 11 | e eiPg ei Lm | 10 03 30.5 03 33 03 44 03 54 | D=1.1°. eiSg 03 47.6. |
| 11 | e eiSg | 11 00 07 00 11 | |
| 11 | e | 11 02 43 | eiSg 02 56. |
| 11 | eiP | 12 19 31 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=76.4°. PV:1.2s 19m μ . |
| 11 | e | 12 55 01 | eiSg 55 26.5. |
| 11 | e | 12 58 49.5 | eiSg 59 03, Lm 59 15. |
| 11 | eP ei | 14 17 55.5 18 05 | South of Alaska 53.2°N 161.9°W, H= =14 05 54.9, h=12km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=78.0°. |
| 11 | iPP | 17 25 30 | Bouvet Islands. Dc=103.3°. ei 25 50.5. |
| 11 | eiP ei | 19 28 21 28 50 | C. Japan. MPV=4.9 Kašperské Hory. Dc= =78.7°. PV:0.7s 17m μ . |
| 11 | eiP | 21 25 46.5 | |
| 11 | eiP | 21 31 48.5 | Aleutian Islands 52.6°N 173.0°E, H= =21 19 57.8, h=47km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=77.1°. |
| 11 | ei | 21 54 03.3 | eiSg 55 03. |
| 11 | eiP | 23 43 04 | Kurile Islands. Dc=79.0°. |
| 12 | eiP ei | 02 07 17 07 22 | Aleutian Islands. Dc=80.0°. |

| Date | Phase | h m s | Remarks |
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| 12 | eiP | 07 03 27.5 | South of Alaska 55.7°N 154.8°W, H= =06 51 43.9, h=16km(ISC). M=4.7 ISC, 4.6 USCGS. Dc=75.1°. |
| 12 | eiPg | 09 01 40.6 | D=1.4°. eiSg 01 18. |
| 12 | e | 11 20 54.5 | ei 20 59 13. |
| 12 | eiPKIKP | 11 33 32.6 | South of Fiji Islands. Dc=148.0°. |
| 12 | eiSg | 11 52 53 | |
| 12 | eiPg | 12 18 54.5 | D=1.5°. eiSg 19 13 6, Lm 19 29. |
| 12 | ei | 13 05 55.5 | eiSg 06 02. |
| 12 | e | 15 26 54.5 | eiSg 26 57.6, Lm 26 59.5. |
| 12 | ei | 19 44 01 | ei 44 06. |
| 12 | eiPn ei ei ei ei | 20 21 34.8 21 41.5 22 40.6 24 43 25 26 | Italy. Dc=10.7°. |
| 13 | eiP | 04 11 38.3 | Aegean Sea. Dc=12.8°. PV:1s 33m μ . |
| 13 | eiP | 04 12 32 | Aegean Sea. Dc=12.4°. ei 16 15. |
| 13 | eiP | 07 07 26 | D. Kurile Islands. Dc=77.2°. MPV=5.1 Kašperské Hory. PV:0.9s 14m μ . |
| 13 | iP eiPcP | 07 45 21 45 31.5 | D. South of Alaska. M=5.6 Kašperské Hory. Dc=78.0°. PV:1s 52m μ . |
| 13 | e | 10 44 30 | |
| 13 | eiPKIKP eiPKHKP ei eipPKIKP | 14 13 23.5 13 29.5 13 37.7 15 30 | Fiji Islands. Dc=150.1°. |
| 13 | ei | 15 39 03.7 | Aleutian Islands. Dc=79.1°. |
| 13 | eP | 15 45 12.2 | Aegean Sea 39.1°N 29.9°E, H=15 42 16.5, h=18km(ISC). M=4.6 ISC, 4.5 USCGS, Dc= =12.4°. |

| Date | Phase | h m s | Remarks |
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| 13 | eiP | 16 24 01 | Kamchatka. Dc=73.6°. |
| 13 | e | 20 25 40 | |
| 14 | e | 03 25 41 | ei 25 45.5. |
| 14 | eP ei | 06 07 20.5 07 37.7 | Greece 39.9°N 20.2°E, H=06 04 49.3, h= =0km(ISC). M=4.6 ISC. Dc=10.3°. |
| 14 | e | 12 06 05 | |
| 14 | iP i | 16 00 45.2 00 50.6 | C. Hindu Kush. MPV=6.1 Kašperské Hory. Dc=42.9°. PV:2.4s 1450m μ . |
| 14 | ei | 20 26 43 | |
| 14 | eiPKIKP | 22 31 28.5 | Tonga Islands. Dc=148.1°. |
| 15 | ePKIKP | 00 07 51 | Fiji Islands. Dc=145.6°. |
| 15 | eiP | 02 14 40.7 | Taiwan. Dc=84.0°. |
| 15 | eiPKIKP ei | 03 20 47.4 20 55.5 | D. Tonga Islands. Dc=145.2°. |
| 15 | e | 05 11 47 | |
| 15 | eiPKP2 | 06 24 07.5 | South of Fiji Islands 23.4°S 177.1°W, H= =06 04 14.9, h=158km(ISC). M=4.6 USCGS, 4.1 ISC. Dc=152.7°. |
| 15 | ei | 07 48 29 | |
| 15 | eiP ei | 08 37 55.2 38 09.7 | Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=78.6°. PV:1.1s 32m μ . |
| 15 | eiPKP | 10 56 06.4 | South of Fiji Islands 21.4°S 174.9°E, H= =10 36 23.0, h=33km(ISC). M=4.9 USCGS. Dc=148.6°. |
| 15 | eiP | 11 06 47 | Aleutian Islands. Dc=78.7°. |
| 15 | eiP ei | 12 50 35.7 51 05.5 | South of Alaska 55.9°N 154.0°W, H= =12 39 00.1, h=64km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=74.9°. |

| Date | Phase | h m s | Remarks |
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| 15 | eiPg eiSg Im | 13 08 43 09 15.2 09 37 | D=2.4°. |
| 15 | eiPKIKP ei | 14 21 41.2 21 51.7 | New Britain. Dc=125.5°. |
| 15 | e | 15 04 15 | eiSg 04 42. |
| 15 | eiPn ei | 21 14 15 15 36.7 | Italy. Dc=5.6°. |
| 15 | e eiSg | 22 50 30 51 38 | Italy 44.5°N 8.9°E, H=22 49 14(BCIS). Dc=5.6°. |
| 15 | e | 23 08 07 | |
| 15 | eiP | 23 11 25 | Aegean Sea 39.2°N 24.0°E, H=23 08 30.9, h=33km(ISC). M=4.7 ISC, 4.6 USCGS. Dc= =12.5°. |
| 16 | eiP eiPcP | 02 23 02.5 23 15 | South Atlantic Ridge. MPV=5.2 Kašperské Hory. Dc=75.7°. PV:1.0s 22m μ . |
| 16 | e | 07 42 00 | eiSg 42 11.7. |
| 16 | ei ei ei | 08 14 39 15 11.5 16 03 | |
| 16 | e | 11 17 03 | Im 17 16. |
| 16 | eSg | 11 18 23 | Im 18 35. |
| 16 | iP i iPP eiS | 16 58 23.5 58 34.5 17 01 22 08 21.7 | C. Japan. MPV=6.2 Kašperské Hory. Dc= =80.0°. PV:1.0s 193m μ . |
| 16 | eiP | 21 45 21.6 | Japan. Dc=81.1°. |
| 16 | e ei ei | 22 17 50 18 13.7 18 19 | Austria. Dc=2.0°. |
| 17 | eiPn ei ei eiSn | 02 33 40 33 42.8 34 06.4 34 50 | Central Italy. D=6.1°, Dc=6.2°. |

| Date | Phase | h m s | Remarks |
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| 17 | eiP | 03 57 18 | C. Cyprus. Dc=20.0°. PV:0.9s 27m μ . |
| 17 | eiP | 07 26 18.7 | S. Southern Persia 27.7°N 56.6°E, H= =07 18 54.5, h=55km(ISC). M=4.9 ISC, USCGS, MPV=5.0 Kašperské Hory. Dc=39.3°. PV:1s 38m μ . |
| 17 | e eiSg | 11 42 24.4 42 37 | Explosion of 4.0 Tons. Dc=2.3°. |
| 17 | eSg | 12 31 51 | |
| 17 | eSg | 12 37 17 | Im 37 24. |
| 17 | eiP | 13 21 47.7 | Tadzhikistan. Dc=39.5°. |
| 17 | iP i ei | 14 39 04.7 39 29.7 40 04.5 | C. Aleutian Islands. MPV=6.0 Kašperské Hory. Dc=76.8°. PV:1.1s 126m μ . |
| 17 | e | 15 11 27 | |
| 18 | ei | 01 22 55.4 | iSg 23 13.0. |
| 18 | eiP | 05 01 45 | Japan 39.9°N 143.4°E, H=04 49 33.0, h= =49km(ISC). M=4.7 ISC, 4.5 USCGS. Dc= =80.9°. |
| 18 | ePKIKP eiPKHKP eisPKIKP | 06 41 30 41 36.2 42 33.2 | Tonga Islands 19.9°S 175.9°W, H= =06 22 10.3, h=219km(ISC). M=5.5 USCGS, 5.4 ISC. Dc=149.8°. |
| 18 | eSg | 10 19 45 | Im 19 49. |
| 18 | eiPg eiSg Im | 12 00 23 00 46 01 18.5 | Explosion of 11.2 Tons. D=190km, Dc= =199km. |
| 18 | eiPg eiSg | 12 29 48.5 30 05 | D=1.3°. |
| 18 | e | 12 54 37.5 | eiSg 55 12.7. |
| 18 | eiSg | 13 15 44 | |
| 18 | eSg | 15 07 16 | Im 07 19. |
| 18 | eiSg | 15 31 12 | Im 31 16. |

| Date | Phase | h m s | Remarks |
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| 18 | eiPKIKP i | 16 34 39 34 42.5 | C. Tonga Islands. Dc=146.9°. |
| 19 | eiPn ei ei | 04 38 11.5 39 10.2 41 21.7 | Greece 41.5°N 23.1°E, H=04 35 45.4, h= =12km(ISC). M=4.5 ISC, 4.2 USCGS. Dc= =10.1°. |
| 19 | eiSg | 04 55 14 | |
| 19 | e | 10 00 03 | eiSg 00 07.2. |
| 19 | eiSg Im | 10 30 35.8 30 39 | Explosion of 2 Tons. Dc=39km. |
| 19 | eSg | 10 31 57 | Explosion of 3.2 Tons. Dc=108km. |
| 19 | e | 10 59 15.5 | eiSg 59 22.5, Im 59 31. |
| 19 | eiPg eiSg Im | 11 01 49 02 07 02 14 | D=1.4°. |
| 19 | eiP ei | 12 05 04.5 05 54 | Japan. MPV=5.1 Kašperské Hory. Dc=80.1°. PV:1s 16m μ . |
| 19 | eSg | 12 39 12 | Im 39 20. |
| 19 | ei | 12 52 55 | ei 53 04.5, eiSg 54 35. |
| 19 | e | 13 01 04 | eiSg 01 16. |
| 19 | e | 14 01 10 | eiSg 01 33.5. |
| 19 | e | 14 02 20 | eiSg 02 29.8. |
| 19 | eiSg | 15 00 47 | Im 00 51. |
| 19 | eiPg eiSg Im | 15 16 58 17 04.2 17 07 | D=50km. |
| 19 | ei ei eiPP | 16 37 42.6 38 31.2 38 59 | Celebes. Dc=102.0°. |
| 19 | iPKP i eipPKP | 17 55 59.2 56 06.8 58 23.5 | Fiji Islands. Dc=149.1°. |

| Date | Phase | h m s | Remarks |
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| 19 | eP | 23 12 14.5 | Northern Celebes. Dc=102.9°. |
| 19 | eiP | 23 39 54.5 | Yugoslavia 41.4°N 22.9°E, H=23 37 31.9, h=33km(ISC). M=4.5 ISC, 4.3 USCGS. Dc=10.1°. |
| 19 | eiPKP ei | 23 52 23.7 53 34.6 | D. Tonga Islands. Dc=150.2°. |
| 20 | eiPg eiSg Im | 07 59 11.5 59 20 59 25 | Explosion of 8.2 Tons. Dc=66km. |
| 20 | eSg | 11 27 31 | Im 27 33. |
| 20 | ei | 17 21 58 | |
| 21 | ei(P) ei eiPP | 11 22 39 22 57.2 26 51 | Molucca Sea. Dc=106.0°. |
| 21 | e | 12 00 31 | |
| 21 | eiP | 12 53 34.5 | D. Japan. MPV=4.8 Kašperské Hory. Dc=81.2°. PV:1s 19m μ . |
| 21 | eiP | 15 17 33.5 | China. Dc=45.5°. |
| 21 | eiP | 19 14 36.4 | Kurile Islands. MPV=5.5 Kašperské Hory. Dc=78.6°. PV:1.1s 41m μ . |
| 22 | iPKIKP i i ei eiPP | 03 04 23.0 04 25.0 05 27.8 06 55.4 07 41.5 | D. Tonga Islands. Dc=145.8°. |
| 22 | eiP | 03 25 20.5 | Aegean Sea. Dc=12.4°. |
| 22 | e | 11 05 20.5 | eiSg 05 30, Im 05 33. |
| 22 | e | 13 15 10 | ei 15 26. |
| 22 | e | 13 16 39 | ei 16 47.5. |
| 22 | e ei eiPKIKP | 23 10 51 14 20 15 12.4 | Chile 31.8°S 71.3°W, H=22 56 28.5, h=58km(ISC). M=6.0 ISC, USCGS. Dc=115.8°. |

| Date | Phase | h m s | Remarks |
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| 22 | ei | 23 25 45.5 | |
| 23 | ePn eiPg eiSg | 02 42 55.5 43 30 44 50.3 | Adriatic Sea 43.2°N 15.8°E, H=02 41 22.9 h=0km(ISC). Dc=6.1°. |
| 23 | e | 07 18 07 | ei 18 12, ei 18 25.5. |
| 23 | ePg | 08 50 51 | D=1.4°. eiSg 51 09.6. |
| 23 | ei | 11 48 30 | |
| 23 | eP | 12 57 00 | Aleutian Islands 51.2°N 177.8°E, H=12 44 59.8, h=41km(ISC). M=5.4 USCGS, 5.2 ISC. Dc=79.1°. |
| 23 | eiP | 13 47 50.4 | Aleutian Islands 51.3°N 177.9°E, H=13 35 49.8, h=52km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=79.0°. |
| 23 | eiSg | 15 08 04 | Im 08 09. |
| 23 | eiP | 16 06 34 | |
| 23 | e | 17 57 23 | eiSg 58 38.5, Im 57 48. |
| 23 | iPKP i ei | 18 35 42.0 35 51.0 36 18.3 | C. Tonga Islands 15.4°S 173.3°W, H=18 16 12.6, h=112km(ISC). M=5.4 USCGS, 5.1 ISC. Dc=145.8°. |
| 23 | eiP | 19 33 38 | |
| 23 | eiPKP | 19 46 54 | Tonga Islands 15.3°S 173.6°W, H=19 27 28.5, h=153km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=145.7°. |
| 24 | iPKP i | 00 13 41.6 13 51 | Tonga Islands 15.3°S 173.3°W, H=23 54 14.8, h=130km(ISC). M=5.7 USCGS, 5.5 ISC. Dc=145.9°. |
| 24 | eiP | 07 19 22.8 | Kodiak Islands 56.6°N 152.3°W, H=07 07 46.1, h=20km(ISC). M=5.1 USCGS, 4.7 ISC. Dc=74.0°. |
| 24 | eiPKIKP ei ei ei | 08 18 48 19 41 22 07.8 22 22.6 | New Hebrides Islands 16.2°S 167.9°E, H=07 59 39.1, h=188km(ISC). M=5.6 USCGS, 5.1 ISC. Dc=141.1°. |

| Date | Phase | h m s | Remarks |
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| 24 | eiPKP | 10 27 33.5 | Tonga Islands 20.2°S 174.1°W, H= =10 07 44.0, h=33km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=150.5°. |
| 24 | eiP | 13 41 32.2 | C. Gulf of Alaska 57.7°N 148.6°W, H= =13 30 04.2, h=13km(ISC). M=5.0 USCGS, 4.8 ISC. MPV=5.2 Kašperské Hory. Dc= =72.5°. |
| 24 | e | 13 43 31 | eiSg 43 51.5, Im 44 09. |
| 24 | e | 14 49 47 | eiSg 49 51. |
| 24 | e | 15 27 08 | eiSg 27 13. |
| 24 | eiP | 17 15 47.6 | ei 16 03.5. |
| 24 | eiPKIKP | 17 50 49 | Loyalty Islands Region 21.7°S 169.8°E, H=17 31 12.5, h=49km(ISC). M=6.6 USCGS. Dc=146.7°. |
| 24 | eiPKIKP | 18 43 36.4 | South of Fiji Islands 25.5°S 177.2°W, H=18 23 57.6, h=124km(ISC). M=5.0 ISC, USCGS. Dc=155.0°. |
| 25 | eiP | 03 35 19.5 | C. Kurile Islands 46.2°N 152.0°E, H= =03 23 20.7, h=35km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=78.4°. |
| 25 | eiP | 05 33 09.6 | C. Aleutian Islands 53.1°N 171.7°E, H= =05 21 18.9, h=14km(ISC). M=4.6 USCGS, 4.3 ISC. Dc=76.5°. |
| 25 | eiPKIKP | 07 36 25 | New Hebrides Islands. Dc=139.1°. |
| 25 | iP iPcP | 09 05 08.2 05 18 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=77.4°. PV:1.1s 53mμ. |
| 25 | eiP ei | 09 41 51.6 42 01.5 | C. Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=77.4°. PV:1s 13mμ. |
| 25 | e | 10 31 58 | |
| 25 | eiSg | 11 02 16 | |
| 25 | ePg eiSg Im | 13 06 09 06 32.8 06 55 | D=1.7°. |

| Date | Phase | h m s | Remarks |
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| 25 | eSg | 14 24 09 | |
| 25 | eiSg | 15 59 38.5 | |
| 25 | eiPKIKP ei | 21 25 27 25 57.5 | Tonga Islands. Dc=150.3°. |
| 25 | eiPKIKP ei | 23 55 59.2 56 29.2 | Tonga Islands. Dc=145.8°. |
| 26 | eiPKIKP iPKHKP i ei | 00 39 36.8 39 42.2 39 49.8 42 03.8 | Tonga Islands. Dc=149.5°. |
| 26 | eiP ei | 02 32 04.2 32 20.5 | Kurile Islands. MPV=5.2 Kašperské Hory. Dc=79.0°. PV:1s 21mμ. |
| 26 | e | 08 31 40 | eiSg 31 46. |
| 26 | e | 09 55 31 | eiSg 55 53.8. |
| 26 | e | 10 01 11 | |
| 26 | eiSg | 10 05 06.5 | |
| 26 | e | 10 39 08 | eiSg 39 14. |
| 26 | e | 11 00 52 | eiSg 01 20.4. |
| 26 | e | 11 06 15 | eiSg 06 18.5, Im 06 27. |
| 26 | eiP | 12 23 28.8 | Colombia. Dc=87.2°. |
| 26 | e | 12 47 23 | eiSg 47 57. |
| 26 | eiPn eiPg ei eiSg | 15 00 46 00 52.6 01 27 01 29.6 | Explosion in Germany, 16 Tons. Dc=2.7°. |
| 26 | ei | 15 04 54 | |
| 26 | eiP | 15 46 36 | Nevada. Dc=83.2°. |

| Date | Phase | h m s | Remarks |
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| 26 | eiP | 16 24 41 | C. Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=78.3°. PV:1s 11mμ. |
| 26 | eiPKP | 16 32 33 | Tonga Islands. Dc=152.6°. ei 32 41. |
| 26 | e | 18 48 25 | |
| 26 | eP | 20 21 38.2 | Central Mid-Atlantic Ridge 1.0°N 29.6°W, H=20 11 31.4, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=60.5°. |
| 26 | eiP ei | 20 33 22.7 33 41 | D. Turkey. Dc=17.6°. |
| 26 | eiP ei | 21 45 58 46 37.6 | Aleutian Islands. Dc=77.4°. |
| 27 | e | 00 24 07.5 | eiSg 24 12.7. |
| 27 | eiPn eiPg iSg | 03 12 45 12 53 13 30.5 | Germany. D=2.9°, Dc=3.0°. |
| 27 | e | 05 09 25 | eiSg 09 32.6. |
| 27 | e | 05 20 11 | eiSg 20 15. |
| 27 | eiPn eiPg eiSg | 06 30 42 30 49.6 31 26 | Germany. D=2.9°, Dc=3.0°. |
| 27 | e | 06 45 47 | eiSg 45 54. |
| 27 | e | 08 52 02 | eiSg 52 20. |
| 27 | eiPg eiSg Im | 10 38 22 38 37.6 38 39 | Explosion of 7 Tons. Dc=129km. |
| 27 | eSg | 11 46 43 | Poland 50.2°N 18.9°E, H=11 44 48.5 (Warsaw). Dc=3.6°. |
| 27 | e | 11 50 30.5 | eiSg 30 55.8, Im 50 36. |
| 27 | ePg | 13 59 15 | D=100km. eiSg 59 27. |

| Date | Phase | h m s | Remarks |
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| 27 | e | 14 29 43 | eiSg 29 49. |
| 27 | e | 22 00 20 | eiSg 00 35.4, ei 00 45. |
| 27 | eiPn eiPg eiSg | 22 37 06.5 37 16 37 49 | Italy. D=2.8°. Dc=2.7°. |
| 28 | ePP | 00 15 30 | Ceram Sea. Dc=106.7°. |
| 28 | eiP | 03 00 13.5 | Aleutian Islands 52.0°N 171.3°E, H=02 48 15.3, h=6km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=77.5°. |
| 28 | eiP | 04 36 14.5 | |
| 28 | eP | 10 13 41 | Peru. Dc=100.3°. |
| 28 | e | 11 55 04 | eiSg 55 08.6. |
| 28 | iP i i ei | 13 34 25 34 35 35 17.3 37 21 | C. Kamchatka. MPV=6.3 Kašperské Hory. Dc=72.7°. PV:1.1s 264mμ. |
| 28 | eiP ei ei iPP | 16 47 42 48 08 51 12 52 13.5 | Central Chile. Dc=110.5°. |
| 29 | ePP | 00 23 53 | Mariana Islands 14.6°N 146.7°E, H=00 05 35.9, h=54km(ISC). M=5.3 ISC, 5.2 USCGS. Dc=104.2°. |
| 29 | ePKP | 00 55 54 | Im 08 06. |
| 29 | iP iPcP eiPP ei | 10 59 45.2 59 54 5 11 02 40 10 05 | C. Japan. MPV=6.5 Kašperské Hory. Dc=80.0°. PV:1.5s 545mμ. |
| 29 | e | 12 20 51 | eiSg 21 05. |
| 29 | e | 12 39 55 | eiSg 39 09, Im 39 13. |
| 29 | ePg | 12 51 49 | D=2°. eiSg 52 19, Im 52 39. |

| Date | Phase | h m s | Remarks |
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| 29 | eiP | 14 44 38.2 | Aleutian Islands. Dc=78.1°. |
| 29 | eiPKIKP ei | 15 39 37 39 46.8 | Loyalty Islands. Dc=146.4°. |
| 29 | e | 15 50 51 | D=1.2°, eiSg 51 06.8. |
| 30 | eiPKIKP i eisPKP | 00 17 02.5 17 36.5 18 33.8 | C. Kermadec Islands. Dc=157.8°. |
| 30 | eiPKIKP i ei | 00 40 45 40 51.5 42 05 | Tonga Islands. Dc=150.6°. |
| 30 | iP iPP eiS | 02 39 12.7 42 23 49 12 | D. Aleutian Islands. MPV=6.6 Kašperské Hory. Dc=80.0°. PV:1.5s 727mμ. |
| 30 | eiP | 09 17 21 | Aleutian Islands. Dc=80.1°. |
| 30 | ei | 11 19 15 | eiSg 19 20. |
| 30 | eiP | 11 54 27.7 | Aleutian Islands. Dc=78.3°. |
| 30 | eiP | 12 22 08 | Japan. Dc=81.0°. |
| 30 | e | 14 04 05 | ei 04 08.5. |
| 30 | eP | 15 10 17.3 | Aleutian Islands 51.1°N 177.9°E, H= =14 58 18.7, h=69km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=79.2°. |
| 30 | eiP ei | 16 11 40.2 11 54 | C. Japan. MPV=5.5 Kašperské Hory. Dc= =79.9°. PV:1s 38mμ. |
| 30 | eiP | 16 20 57.5 | Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=77.4°. PV:1s 11mμ. |
| 30 | eiP ei | 16 22 29.5 22 54 | Aleutian Islands. Dc=79.8°. |
| 30 | eiPn eiPg eiSg | 17 35 32.7 35 40.7 36 19 | Germany. D=2.9°, Dc=3.0°. |

| Date | Phase | h m s | Remarks |
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| 30 | eiP ei | 19 13 18.6 13 40.5 | C. Kurile Islands. MPV=5.1 Kašperské Hory. Dc=76.8°. PV:1s 16mμ. |
| 30 | ePKP | 22 28 42 | Tonga Islands. Dc=150.8°. |
| 31 | eiP | 04 41 22.5 | Aleutian Islands 51.7°N 175.8°E, H= =04 29 26.2, h=56km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=78.4°. |
| 31 | e eiSg Lm | 07 30 33 30 43.6 30 49 | Explosion of 7.3 Tons. Dc=82km. |
| 31 | eiPn ei ei ei | 08 28 45.5 29 15 29 58.2 30 30.2 | Hungary. Dc=3.8°. |
| 31 | iP | 09 50 21.0 | C. Greece. Dc=12.4°. |
| 31 | eiPg | 10 17 24 | D=1.2°. eiSg 17 40.5. |
| 31 | iP ei | 10 58 17.7 58 37.2 | D. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=80.1°. PV:1.1s 354mμ. |
| 31 | e eiSg Lm | 11 00 09 00 11.6 00 16 | Explosion. |
| 31 | eP ei ei | 12 04 09 04 35.5 06 17 | Greece. Dc=12.3°. |
| 31 | ePg eiSg Lm | 13 00 54 01 08.4 01 15 | Explosion of 5 Tons. Dc=107km. |
| 31 | eiPg | 13 35 35 | C. Aleutian Islands. Dc=80.1°. |
| 31 | ePg | 14 43 23 | |
| 31 | ePg | 14 52 54 | D=1.1°. eiSg 53 08. |
| 31 | ei | 15 17 16.4 | |
| 31 | e | 15 25 28 | eiSg 25 45. |

| Date | Phase | h m s | Remarks |
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| 31 | eiP | 15 32 13.4 | Aleutian Islands 50.5°N 179.0°E, H= =15 20 05.6, h=33km(ISC). M=4.5 ISC, USCGS. Dc=80.0°. |
| 31 | eSg | 15 44 50 | Lm 44 54. |
| 31 | eP | 19 12 49.5 | |
| 31 | eiP | 20 00 39 | D. Aleutian Islands 50.3°N 178.1°E, H= =19 48 30.4, h=25km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=80.0°. |
| 31 | eiP ei ei ei | 20 11 18.2 11 33 12 12 15 48.4 | Aegean Sea. Dc=12.5°. |
| 31 | ei ei | 21 25 41 25 49 | Aleutian Islands 50.3°N 178.5°E, H= =21 13 33.3, h=30km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=80.1°. |
| 31 | eiP ei | 22 44 42 45 04 | D. Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=79.9°. PV:1s 16mμ. |
| 31 | ei | 23 25 41 | |

| Date | Phase | h m s | Remarks |
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| 1 | eiP | 00 00 34 | Aleutian Islands. Dc=80.8°. |
| 1 | eiP ei | 01 16 16 16 31 | Jordan - Syria. Dc=20.9°. |
| 1 | eiP | 07 21 59.6 | Mindanao, Philippine Islands. Dc=96.7°. |
| 1 | eiPg eiSg Lm | 08 42 47 42 56.2 43 02 | D=76km. |
| 1 | eiSg | 10 55 24 | Lm 55 36. |
| 1 | ePg | 12 50 56 | D=2.2°. eiSg 51 23. |
| 1 | eiPKP ei | 14 03 22.4 03 31.8 | Tonga Islands. Dc=150.9°. |
| 1 | e | 17 01 17 | eiSg 01 24.5, Lm 01 27. |
| 1 | eiP | 18 04 10.5 | Kamchatka. Dc=73.1°. |
| 1 | eiPn eiSn eiSg | 20 29 43.5 30 09.4 30 20 | Austria. D=2.3°, Dc=2.2°. |
| 1 | eiPKIKP ei | 21 40 20.7 40 25.3 | Easter Island Cordillera. Dc=146.5°. |
| 2 | e | 00 06 11 | eiSg 06 17.2. |
| 2 | eSg | 10 11 54 | Lm 12 03. |
| 2 | e | 11 01 52 | ei 02 07. |
| 2 | e ei eiSg Lm | 12 46 37.4 47 23.5 48 13.5 48 35 | |
| 2 | ePg | 12 49 06.5 | D=2.8°. eiSg 49 43. |
| 2 | e | 13 57 41.5 | eiSg 57 45, Lm 57 48. |
| 2 | eSg | 14 02 43 | |
| 2 | e | 14 05 46.5 | |

| Date | Phase | h m s | Remarks |
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| 2 | eiPKIKP ei iPKP2 | 16 03 02.5 03 20.6 03 40.7 | Kermadec Islands. Dc=156.1°. |
| 2 | eiP ei | 16 40 29.8 41 07 | Aleutian Islands. Dc=80.1°. |
| 2 | eP | 17 31 22.8 | Aleutian Islands 50.4°N 177.7°E, H= =17 19 16.2, h=39km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=79.9°. |
| 2 | eiP | 19 08 42.5 | C. Kurile Islands. MPV=5.1 Kašperské Hory. Dc=78.2°. PV:0.7s 14mμ. |
| 2 | eiP ei eiPP | 22 34 20 35 14.6 36 01.8 | D. Hindu-Kush Region. Dc=40.0°. |
| 3 | eiP | 02 49 56 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=78.5°. PV:1s 19mμ. |
| 3 | ePKIKP ei | 03 49 17.6 50 09 | Tonga Islands 26.7°S 176.0°W, H= =03 29 24.4, h=1km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=156.4°. |
| 3 | eiP | 08 33 17 | Yugoslavia. Dc=6.6°, ei 34 11, ei 34 11, ei 34 52.5. |
| 3 | eiP eiPP | 11 33 51.7 37 26.2 | Mexico. Dc=91.4°. |
| 3 | eiP ei | 11 42 23.2 43 26.6 | Mexico Dc=91.2°. |
| 3 | eiP ei ei ei ei | 14 33 37.3 33 49 34 09 35 26 36 39 | D. Greece. Dc=12 0°. PV:0.9s 15mμ. |
| 3 | eP | 15 04 12 | Ionian Sea 37.4°N 20.3°E, H=15 01 14.9, h=67km(ISC). M=4.3 ISC, 4.2 USCGS. Dc= =12.6°. |
| 3 | eiPKIKP | 18 51 31 | South of Fiji Islands 26.9°S 176.1°W, H=18 31 39.0, h=34km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=156.6°. |
| 4 | e | 10 33 05 | eiSg 33 33.7, Lm 33 55. |

| Date | Phase | h m s | Remarks |
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| 4 | ei | 11 33 08.8 | Tonga Islands 17.6°S 172.9°W, H= =11 13 09.8, h=5km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=148.1°. |
| 4 | ePg | 11 54 52.2 | D=1.8°. eiSg 55 16. |
| 4 | eiP iPcP ei ei | 13 42 35.5 42 42 42 23 44 03 | C. Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=78.2°. PV:1.4s 32mμ. |
| 4 | eiP | 14 02 54.2 | Kurile Islands 46.6°N 152.7°E, H= =13 50 56.0, h=33km(ISC). M=4.3 USCGS, 4.2 ISC. Dc=78.2°. |
| 4 | eiPKIKP ei eiPKP2 ei | 15 56 05 56 15.5 56 34 57 52.7 | Kermadec Islands. Dc=156.6°. |
| 4 | eSg | 15 59 52 | Switzerland. Dc=4.3°. |
| 4 | eiPKIKP eiPKP2 | 16 12 40 13 10 | Kermadec Islands. Dc=156.3°. |
| 4 | eiPKIKP eiPKP2 | 16 30 03 30 36 | Kermadec Islands. Dc=156.7°. |
| 4 | eiPKIKP eiPKP2 | 16 52 38.5 53 07 | Kermadec Islands. Dc=156.7°. |
| 4 | e | 20 08 18.5 | |
| 4 | eiP eipP ei | 20 22 50.5 23 27 26 39 | C. Peru - Brazil. MPV=5.5 Kašperské Hory. Dc=95.3°. |
| 5 | eiP i i i iS Lg | 03 15 54.8 15 58.5 16 15.8 17 20 18 18 20 10 | Greece. D=12.8°, Dc=12.9°. PV:1.2s 16mμ. |
| 5 | ei | 10 44 28 | |
| 5 | e | 11 17 21 | eiSg 17 33.7, Lm 17 38. |
| 5 | ePg | 12 37 19 | |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|---|
| 5 | ePg eiSg Lm | 12 49 24 49 49.8 50 12 | D=2.0°. |
| 5 | eiP iSg Lm | 13 29 39.5 29 41.5 29 43 | D=17km. |
| 5 | ePg eiSg Lm | 13 37 10 37 38.2 37 50 | D=2°. |
| 5 | iP ipP ei | 14 04 13.5 04 32 05 33 | C. Kurile Islands. MPV=5.8 Kašperské Hory. Dc=79.6°. PV:1s 118mμ. |
| 5 | eiPKP2 | 14 53 56.5 | Kermadec Islands. Dc=157.5°. |
| 5 | eiP | 17 07 41.8 | Aleutian Islands. Dc=76.8°. |
| 5 | ePKIKP | 23 02 29 | Tonga Islands. Dc=150.7°. |
| 6 | iP eiPcP | 03 30 57.5 31 10 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=77.6°. PV:1s 21mμ. |
| 6 | eiPKIKP eiPKP2 | 04 39 07.5 39 37.8 | Kermadec Islands. Dc=156.8°. |
| 6 | iP ei eiPP | 05 44 17.2 45 12.5 47 27 | C. Japan. MPV=5.7 Kašperské Hory. Dc=82.7°. PV:1s 75mμ. |
| 6 | eP eiPP | 09 56 16.5 10 00 25 | Northern Celebes. Dc=101.0°. |
| 6 | eSg | 12 07 36 | Lm 07 41. |
| 6 | eiP | 12 46 46 | Aleutian Islands 50.6°N 179.4°E, H=12 34 33.5, h=33km(ISC). M=4.1 ISC, USCGS. Dc=79.9°. |
| 6 | eiP ei | 13 31 04.7 31 43.5 | C. Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=79.3°. |
| 6 | eiP ei | 13 42 54 43 17 | Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=80.2°. |
| 6 | eiP | 22 02 23.8 | C. Kurile Islands. MPV=5.1 Kašperské Hory. Dc=78.4°. PV:0.9s 16mμ. |

| Date | Phase | h m s | Remarks |
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| 7 | eP ei ei | 04 19 49.3 20 02.5 22 08 | Greece. Dc=13.6°. |
| 7 | e | 04 47 57.5 | ei 48 04. |
| 7 | eiP ei | 06 52 39 52 49 | C. Crete. MPV=4.4 Kašperské Hory. Dc=16.2°. PV:1s 32mμ. |
| 7 | eP ei | 07 52 32 52 45.5 | Greece 37 3/4°N 22 1/4°E, H=07 49 28 (Athens). Dc=12.9°. |
| 7 | eiPKIKP ei | 08 25 38 25 47.6 | Loyalty Islands 20.8°S 168.2°E, H=08 06 02.6, h=33km(ISC). Dc=145.2°. |
| 7 | eSg | 08 31 09 | Lm 31 22. |
| 7 | e | 09 32 33 | |
| 7 | ePg eiSg | 11 00 11.5 00 32.5 | Explosion of 12.1 Tons. Dc=172km. |
| 7 | e | 12 25 09 | eiSg 25 21.5, Lm 25 26. |
| 7 | e | 12 44 58 | eiSg 45 07.5. |
| 7 | eP | 15 52 31 | Japan 39.6°N 141.7°E, H=15 40 20.4, H=15 40 20.4, h=31km(ISC). M=4.5 ISC, 4.1 USCGS. Dc=80.5°. |
| 7 | eiPKIKP iPKP i ei ei | 18 07 40.7 07 47.2 07 57 08 52 10 19 | Fiji Islands. Dc=150.2°. |
| 7 | ePn eiSg | 23 01 39 01 48.5 | Germany. Dc=3.0°. |
| 8 | iP | 02 10 03.0 | Aleutian Islands. Dc=80.0°. |
| 8 | e | 08 48 14.5 | |
| 8 | e | 10 53 02 | ei 53 05.6. |
| 8 | eiSg | 11 48 50 | Lm 48 53. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------|---|--|
| 8 | ePg eiSg | 12 29 54 30 11.5 | Explosion of 8.2t Tons. Dc=150km. |
| 8 | e | 12 39 05 | Im 39 11. |
| 8 | e | 12 57 17 | eiSg 58 05, Im 58 26. |
| 8 | eiPKIKP iPKP eipPKP ei | 13 10 02.5 10 08.4 12 19.2 12 54.3 | West of Tonga. Dc=147.1°. |
| 8 | iP i eiPP | 13 55 46.7 55 51 58 46 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=77.6°. PV:1.4s 65mμ. |
| 8 | iP i | 14 43 07.0 43 18.4 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=77.7°. PV:1.5s 73mμ. |
| 8 | eiP | 15 56 16 | Aleutian Islands. Dc=79.8°. |
| 8 | eiSg | 16 02 07 | |
| 8 | eiP | 19 11 07 | Aleutian Islands 52.8°N 171.7°E, H=-18 59 16.9, h=35km(ISC). M=4.7 USCGS, 4.3 ISC. Dc=76.7°. |
| 9 | eiP eiPcP | 03 14 53.5 15 04.8 | Aleutian Islands. Dc=78.3°. |
| 9 | eiP | 06 00 54.5 | Aleutian Islands. Dc=77.2°. |
| 9 | e | 06 38 16 | ei 38 23.7. |
| 9 | e | 07 49 50.5 | eiSg 49 52.5. |
| 9 | e | 09 00 48.5 | eiSg 01 13.5. |
| 9 | eiPKIKP iPKP2 ei | 11 05 22.5 06 08 06 27 | Kermadec Islands. Dc=161.4°. |
| 9 | eSg | 11 57 43 | Im 57 51. |
| 9 | e | 13 01 58 | ei 02 36.5, eiSg 03 14. |

| Date | Phase | h m s | Remarks |
|------|-----------------------|---|---|
| 9 | eiPg eiSg Im | 13 28 36 28 38 28 40 | Explosion. Dc=16km. |
| 9 | ei eiPg eiSg | 13 58 19.6 58 26.5 59 06.5 | D=3.1°. |
| 9 | eiP ei | 14 44 16 44 23.7 | Japan. MPV=4.7 Kašperské Hory. Dc=84.1°. PV:0.8s 11mμ. |
| 9 | ei | 15 45 50.7 | |
| 9 | eiP | 17 44 56.8 | Gulf of Alaska. Dc=70.2°. |
| 9 | eiPKIKP eiPKP2 | 18 39 51 40 02.5 | Easter Island Cordillera. Dc=150.3°. |
| 9 | eiP e ei | 23 11 32.4 12 01 12 29.5 | Aleutian Islands. Dc=78.5°. |
| 10 | eiP i iS Ig | 00 00 45.2 00 48.0 03 55.5 05 05 | Crete. D=17°, Dc=16.1°. |
| 10 | eiP i | 00 23 44 23 49.0 | Crete. Dc=16.3°. |
| 10 | eiP | 01 34 24 | Aleutian Islands. Dc=76.8°. |
| 10 | e | 12 40 34 | |
| 10 | e | 13 00 41.5 | eiSg 01 12. |
| 10 | eiP ei eiPP | 14 19 27 19 37.4 21 09 | D. Tadzhik. MPV=4.6 Kašperské Hory. Dc=43.8°. PV:0.9s 11mμ. |
| 10 | eSg | 14 28 41 | Im 28 51. |
| 10 | eiPKIKP i | 15 06 36 06 42.0 | D. Tonga Islands. Dc=150.8°. |
| 10 | iP i ei eiPP | 17 06 47.8 06 55.0 07 21.2 09 39 | C. Aleutian Islands. MPV=6.0 Kašperské Hory. Dc=76.3°. PV:1.1s 126mμ. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------|--|--|
| 10 | ePKIKP | 20 03 00 | Samoa Islands. Dc=146.5°. |
| 10 | eiP ei | 21 29 16 31 05 | D. Afghanistan. MPV=4.7 Kašperské Hory. Dc=42.9°. PV:0.9s 11m μ . |
| 10 | eiPKIKP i ei ei ei | 22 51 26 51 30.5 52 09.5 53 40 56 05 | Fiji Islands. Dc=147.2°. |
| 10 | eiP | 23 02 02 | |
| 10 | eiPKIKP ei ei ei | 23 11 17 11 23 14 00 14 20 | New Hebrides Islands. Dc=139.6°. |
| 11 | eiPKIKP eiPKP2 ei eiPP | 00 31 12 32 10.5 32 20 36 05 | D. New Zealand. Dc=164.9°. |
| 11 | eiP ei | 02 02 25.3 02 52 | Persia 30.7°N 51.9°E, H=01 55 48.2, h= =76km(ISC). Dc=34.1°. |
| 11 | e | 12 16 30.5 | |
| 11 | eiPKP | 13 45 42 | Tonga Islands. Dc=152.8°. |
| 11 | eP | 14 38 50 | China. Dc=69.2°. |
| 11 | eiPKIKP eiPKP2 | 17 23 37 24 15.5 | D. Kermadec Islands. Dc=159.8°. |
| 11 | eiPKIKP | 19 10 24.8 | South of Fiji Islands. Dc=154.3°. |
| 11 | eP ei | 22 43 27 43 42 | Eastern India. Dc=63.1°. |
| 12 | e | 02 47 52 | eiSg 48 14. |
| 12 | eiP ei | 04 11 15 11 32.4 | C. Kodiak Island. MPV=5.2 Kašperské Hory. Dc=74.1°. PV:1.4s 32m μ . |
| 12 | eiP | 04 48 14.8 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=78.5°. PV:1.4s 28m μ . |

| Date | Phase | h m s | Remarks |
|------|-------------------------|--|--|
| 12 | eiP | 04 55 12.5 | Aleutian Islands 52.7°N 167.4°W, H= =04 43 09.3, h=15km(ISC). M=5.3 USCGS, 4.5 ISC, MPV=5.0 Kašperské Hory. Dc= =78.5°. |
| 12 | ePKP2 | 09 11 58 | Kermadec Islands. Dc=161.5°. |
| 12 | ePg eiSg | 10 36 09 36 28 | D=1.4°. |
| 12 | e | 11 29 54 | eiSg 29 57. |
| 12 | eiPKP2 | 11 43 27 | Kermadec Islands. Dc=161.9°. |
| 12 | e | 12 15 40 | ei 16 03, eiSg 16 12. |
| 12 | eSg | 12 49 28 | |
| 12 | e | 12 56 44 | |
| 12 | ePg eiSg Im | 13 05 04 05 28 05 51 | D=1.8°. |
| 12 | e | 13 09 09 | ei 10 48, Im 11 40. |
| 12 | eSg | 15 01 45 | Im 01 54. |
| 12 | e | 15 18 39 | eiSg 18 58. |
| 12 | e | 15 58 45 | |
| 12 | eiP | 16 02 57 | Japan. Dc=82.7°. |
| 12 | eP | 17 46 24 | Aleutian Islands 51.1°N 177.9°E, H= =17 34 22.3, h=33km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=79.2°. |
| 12 | eiPKP ei | 20 46 35 46 48 | Kermadec Islands. Dc=161.1°. |
| 12 | eiP eipP ei ei | 20 53 16.5 54 57.7 56 45 21 04 03.7 | D. Japan. MPV=5.0 Kašperské Hory. Dc= =87.1°. PV:1s 32m μ . |
| 12 | eiPKP2 | 21 48 40.5 | D. Kermadec Islands. Dc=161.5°. |

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Kašperské Hory

| Date | Phase | h m s | Remarks |
|------|---------------|------------------------------|--|
| 13 | e | 08 59 21 | Im 59 30. |
| 13 | ei | 09 57 59 | ei 58 05. |
| 13 | e | 11 15 41 | eiSg 16 05, Im 16 14. |
| 13 | ePg eiSg | 14 27 14 27 41 | D=2.1°. |
| 13 | eiP eiPcP | 15 35 03 35 14 | Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=78.0°. PV:1s 16mμ. |
| 13 | eSg | 15 55 55 | Im 56 12. |
| 13 | eiPKIKP | 17 42 32.2 | Tonga Islands. Dc=156.5°. eiPKP2 43 03. |
| 13 | eiP ei | 17 57 10.3 57 53.5 | C. Kamchatka. MPV=5.2 Kašperské Hory. Dc=75.2°. PV:1s 27mμ. |
| 13 | eiP | 18 07 39.6 | Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=79.6°. PV:1s 27mμ. |
| 13 | eiP ei | 23 34 49 34 53.4 | Unimak Island. MPV=5.2 Kašperské Hory. Dc=77.1°. PV:1.2s 22mμ. |
| 14 | eiP | 02 58 14.5 | D. Kurile Islands. MPV=4.9 Kašperské Hory. Dc=78.3°. PV:0.8s 11mμ. |
| 14 | e ei ei | 04 13 28 13 36 14 40.5 | Switzerland. Dc=5.9°. |
| 14 | e | 05 55 27 | ei 55 47.6. |
| 14 | eiP ei | 07 47 17.6 47 26 | C. Kodiak Island. MPV=5.0 Kašperské Hory. Dc=74.5°. PV:1s 16mμ. |
| 14 | eiP | 11 06 49 | Kamchatka. Dc=75.2°. |
| 14 | e | 12 47 39.5 | |
| 14 | e | 13 29 30 | |
| 14 | eiPKP ei | 18 00 41 02 41.8 | Tonga Islands. Dc=150.0°. |
| 14 | e | 19 37 18 | Poland. Dc=3.6°. eiSn 37 31.5. |

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Kašperské Hory

| Date | Phase | h m s | Remarks |
|------|-------------------------------|---|---|
| 15 | eiP eipP eiPP | 05 21 56.6 22 40.3 25 10 | C. Taiwan. MPV=5.0 Kašperské Hory. Dc=83.0°. PV:11s 35mμ. |
| 15 | e | 10 38 16 | ei 38 24. |
| 15 | e | 10 44 57 | ei 45 29.4. |
| 15 | eSg | 11 18 10 | Im 18 17. |
| 15 | eiPg | 12 45 07 | D=1.6°. eiSg 45 27.5, ei 45 51.6. |
| 15 | ePKIKP | 14 05 09 | New Zealand 38.5°S 175.8°E, H=13 45 27.7 h=199km(ISC). Dc=163.5°. |
| 15 | ei | 15 18 54.6 | |
| 15 | eSg | 15 46 18 | Im 46 22. |
| 15 | eiPKP ei ei | 23 59 37.6 59 51 00 00 05.4 | C. Tonga Islands. Dc=148.2°. |
| 16 | eiPKIKP ei eiPKP2 ei | 00 35 30.2 35 37.5 35 48 36 08.2 | Tonga Islands. Dc=152.2°. |
| 16 | eiPKIKP ei ei | 10 18 37.5 18 50.5 18 58.8 | C. New Hebrides. Dc=145.0°. |
| 16 | eSg Im | 10 59 51 11 00 06 | Explosion 2.9 Tons. |
| 16 | ePg eiSg | 11 59 37 59 57 | D=1.5°. |
| 16 | eSg | 12 19 30 | Im 19 37. |
| 16 | e | 12 46 33 | eiSg 46 41.5. |
| 16 | e | 13 55 20 | Im 55 27. |
| 16 | eiP ei | 14 45 58 46 19 | D. Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=79.7°. |

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| Date | Phase | h m s | Remarks |
|------|------------------------------|--|---|
| 16 | iP ei eiPP e | 23 33 10.7 34 15.6 35 40 00 01 09.5 | D. Alaska. MPV=6.0 Kašperské Hory. Dc= =66.4°. PV:1.2s 131m μ . |
| 17 | eiP ei | 00 12 21 12 36 | C. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=77.1°. PV:1s 32m μ . |
| 17 | eiP ei | 02 56 32 56 51.5 | Mid-Indian Rise. |
| 17 | e | 06 48 09 | eiSg 48 17.8. |
| 17 | ePg | 09 57 21 | D=68km. eiSg 57 29. |
| 17 | e | 12 50 19 | eiSg 50 34.4, Im 50 43. |
| 17 | eiPKIKP | 16 11 30.5 | Samoa Islands 13.4°S 172.6°W. H= =15 52 01.9, h=36km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=143.3°. |
| 18 | eiP ei ei | 06 46 25.5 47 09 48 25 | D. California. MPV=5.8 Kašperské Hory. Dc=83.5°. PV:1.8s 118m μ . |
| 18 | ePKIKP ei ei | 09 57 49 58 44.5 10 08 40 | South Sandwich Islands. Dc=113.2°. |
| 18 | eiPP | 13 01 22 | Sandwich Islands. Dc=113.3°. |
| 18 | ei | 13 49 20 | |
| 18 | eiPKIKP ei ei | 14 27 54.8 28 04.6 28 31.5 | Fiji Islands. Dc=156.6°. |
| 18 | e | 17 03 09 | ei 03 46. |
| 18 | eiP | 18 24 06 | Philippine Islands. Dc=86.0°. |
| 19 | eiP | 01 27 26.5 | Persia 28.2°N 56.6°E, H=01 20 04.6, h= =36km(ISC). M=4.7 USCGS, 4.6 ISC. Dc= =38.8°. |
| 19 | eiPn eiPg eiSn eiSg | 02 27 53 27 59.5 28 24.5 28 37.5 | Italy. D=2.8°, Dc=2.8°. |

| Date | Phase | h m s | Remarks |
|------|------------------|----------------------------------|--|
| 19 | ePKP ei | 02 50 14 50 24 | Tonga Islands. Dc=151.6°. |
| 19 | eiP ei | 06 50 44.5 51 08 | C. Mediterranean Sea. Dc=18.2°. |
| 19 | eP ei | 08 18 33 18 51.5 | Northern Sumatra. Dc=85.3°. |
| 19 | eiPKIKP ei | 18 37 43 37 49.5 | Tonga Islands. Dc=147.0°. |
| 19 | iP i eiPP | 23 54 21.8 54 33.5 57 33.5 | C. Japan. MPV=6.1 Kašperské Hory. Dc= =83.0°. PV:2s 233m μ . |
| 20 | e | 00 48 00 | ei 48 22. |
| 20 | eiP i ei | 06 55 00 55 12 57 10 | Aleutian Islands. MPV=5.8 Kašperské Hory. Dc=77.2°. PV:1s 86m μ . |
| 20 | iP ei | 07 01 47.8 01 55.8 | C. Kamchatka. MPV=5.6 Kašperské Hory. Dc=73.1°. PV:1s 48m μ . |
| 20 | eiP | 07 06 53.6 | D. Japan. MPV=4.7 Kašperské Hory. Dc= =80.2°. PV:1.1s 12m μ . |
| 20 | eiSg | 10 28 28.5 | Im 28 38. |
| 20 | ei | 11 43 49 | |
| 20 | ei | 12 10 36 | ei 10 55.5, eiSg 11 21.5. |
| 20 | eiSg | 12 40 14 | Im 40 36. |
| 20 | eiP | 15 53 15.0 | D. ei 53 23. |
| 20 | e | 16 06 12 | Im 06 14. |
| 20 | e | 17 33 34 | |
| 21 | ePKIKP | 06 18 10 | Tonga Islands. Dc=151.1°. |
| 21 | ePKP ei ei | 08 44 03.5 44 14 45 29.4 | Tonga Islands. Dc=151.2°. |

| Date | Phase | h m s | Remarks |
|------|----------------------------|---|---|
| 21 | eSg | 09 17 40 | Lm 17 45. |
| 21 | e | 10 10 12 | ei 10 19. |
| 21 | e | 10 44 33 | ei 44 38.5. |
| 21 | eiPKP ei | 10 50 30 50 55 | C. Tonga Islands. Dc=151.3°. |
| 21 | eiP | 12 51 08 | Greece 38 1/4°N 21 3/4°E, H=12 48 03 (Athens). Dc=12.5°. |
| 21 | eiPg eiSg Lm | 14 00 31 00 40 00 46 | D=76km. |
| 21 | eiSg | 15 19 13.5 | Lm 19 28. |
| 21 | eiP ei | 21 38 14.2 38 30 | C. Kurile Islands. MPV=5.1 Kašperské Hory. Dc=78.7°. PV:1s 16mμ. |
| 21 | eiP | 21 49 45 | Aleutian Islands. Dc=77.3°. |
| 22 | eiPKIKP i ei eiPP | 01 24 48.5 24 54 27 48.7 28 12 | New Hebrides. Dc=139.1°. |
| 22 | e | 03 31 45.5 | ei 32 15. |
| 22 | eiP | 04 18 13.2 | ei 18 21.5. Seismograph SVK-M/2 out of function during 22 April 1965. |
| 23 | eSg | 10 12 39 | Lm 12 51. |
| 23 | eSg | 10 30 33 | Lm 30 39. |
| 23 | e | 10 44 33 | ei 44 50.6. |
| 23 | e | 10 45 43 | eiSg 45 48, Lm 45 52. |
| 23 | eSg | 11 16 34 | Lm 16 43. |
| 23 | e | 12 11 52 | Lm 12 03. |

| Date | Phase | h m s | Remarks |
|------|---------------------------|---------------------------------------|---|
| 23 | e | 12 46 51 | eiSg 47 03, Lm 47 22. |
| 23 | eiPg eiSg | 12 47 45.5 48 09 | D=1.8°. |
| 23 | eSg | 15 28 25 | Lm 28 38. |
| 23 | eSg | 16 53 32 | Lm 53 39. |
| 23 | ePKIKP | 23 36 01 | Tonga Islands. Dc=149.4°. |
| 24 | eiPKP2 | 00 25 11 | C. Kermadec Islands. Dc=161.2°. |
| 24 | ePKP2 | 02 57 45.3 | Kermadec Islands. Dc=162.1°. |
| 24 | eP | 08 15 07 | Philippine Islands. Dc=86.6°. |
| 24 | e | 10 29 52 | Explosion of 5 Tons. Dc=129km. |
| 24 | eiP | 10 32 11 | Kodiak Island. MPV=4.9 Kašperské Hory. Dc=72.2°. PV:1s 11mμ. |
| 24 | ei | 10 44 15.5 | ei 44 23. |
| 24 | ePn eiPg ei eiSg | 12 40 07 40 38 41 06.5 41 48 | Appenin. D=5.4°, Dc=5.0°. |
| 24 | eiP | 13 32 12.8 | Mexico 16.2°N 97.7°W, H=13 19 27.8, h= =117km(ISC). M=4.1 USCGS, 4.0 ISC. Dc= =91.2°. |
| 24 | eiPKP | 14 03 36 | Tonga Islands. Dc=150.7°. |
| 24 | e | 14 35 46.6 | eiSg 36 04.5, Lm 36 11. |
| 24 | eSg | 15 04 44 | Lm 04 48. |
| 24 | e | 17 54 21 | eiSg 54 39.7. |
| 24 | eiP ei | 20 24 33.5 24 52 | C. Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=76.5°. PV:1.1s 29mμ. |
| 24 | eP ei ei | 22 09 22 12 23.5 13 32 | Caroline Islands. Dc=103.6°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------|---|--|
| 25 | ePKP2 | 00 45 58 | Kermadec Islands. Dc=161.2°. |
| 25 | iP i ei eiPP | 01 13 29.5 13 35.6 16 39 17 15.5 | C. Volcano Islands. MPV=5.8 Kašperské Hory. Dc=94.0°. PV:1.1s 59mμ. |
| 25 | eiPKP2 | 03 06 21.4 | Kermadec Islands. Dc=162.6°. |
| 25 | eiP | 05 50 10.5 | C. Nicobar Islands. Dc=79.2°. |
| 25 | eiP | 08 51 28.2 | C. Aleutian Islands. Dc=78.1°. |
| 25 | iP ei ei | 10 10 27.5 10 49.2 11 07 | D. Lake Tanganyika. MPV=5.1 Kašperské Hory. Dc=53.1°. PV:1s 27mμ. |
| 25 | eiPg eiSg | 12 03 55 04 31 | D=2.8°. |
| 25 | eiP | 14 18 54.4 | C. Bonin Islands. MPV=5.3 Kašperské Hory. Dc=90.9°. PV:0.7s 11mμ. |
| 25 | eiP | 14 43 40 | D. Kurile Islands. MPV=5.2 Kašperské Hory. Dc=78.1°. PV:1s 19mμ. |
| 25 | eP | 15 35 40.5 | Aleutian Islands. Dc=77.6°. |
| 25 | eP | 15 44 33.5 | Aleutian Islands. Dc=78.5°. |
| 25 | eP | 16 46 25 | Iran 30.4°N 50.6°E, H=16 39 46.3, h=47km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=33.6°. |
| 25 | eP | 21 41 07 | Ryukyu Islands. Dc=83.7°. |
| 26 | eP ei | 02 08 28 08 39.8 | Gulf of Alaska. Dc=70.7°. |
| 26 | e | 10 02 29 | eiSg 02 35. |
| 26 | ePP | 10 06 10.6 | Molucca Sea. Dc=106.2°. |
| 26 | eiSg | 10 30 54 | Lm 30 57. |
| 26 | ei | 10 59 54 | |

| Date | Phase | h m s | Remarks |
|------|-----------------|--------------------------------|---|
| 26 | eiSg | 11 45 37.6 | |
| 26 | eSg | 12 03 15 | Lm 03 27. |
| 26 | eiSg | 12 41 16.5 | Lm 41 20. |
| 26 | e | 12 46 11 | eiSg 47 27, Lm 47 50. |
| 26 | e | 13 38 57 | Andaman Islands. Dc=75,8°. |
| 26 | ePKP | 13 52 47 | Tonga Islands. Dc=150.1°. |
| 26 | eiPg eiSg | 15 16 11 16 59.4 | Explosion in Germany. D=3.6°. |
| 26 | iP iPcP i | 20 40 57 41 13 42 10 | C. Alaska Peninsula. MPV=6.5 Kašperské Hory. Dc=76.9°. PV:1.8s 763mμ. |
| 26 | eP | 21 49 55 | Kurile Islands 45.3°N 151.6°E, H=21 38 02.2, h=62km(ISC). M=4.7 ISC, USCGS. Dc=79.6°. |
| 26 | iP i eiPP | 22 28 16.0 28 37.6 31 23 | D. Taiwan. MPV=6.1 Kašperské Hory. Dc=84.9°. PV:1s 118mμ. |
| 26 | eiP | 22 35 44 | Taiwan. Dc=84.1°. |
| 26 | eiPKP2 | 22 47 46 | Kermadec Islands. Dc=159.8°. |
| 27 | eiP | 02 30 37.5 | Japan. Dc=81.6°. |
| 27 | e | 02 54 06.5 | |
| 27 | e | 09 31 18 | eiSg 31 27. |
| 27 | e | 10 49 58 | |
| 27 | eiPKIKP ei | 11 12 56 13 48 | Banda Sea. Dc=112.2°. |
| 27 | e | 11 27 52 | |

| Date | Phase | h m s | Remarks |
|------|----------------------------|--|--|
| 27 | ePg eiSg | 11 47 12.5 47 29 | D=1.3°. |
| 27 | e | 12 00 30 | |
| 27 | ePg eiSg Im | 13 33 08 33 24 33 35 | D=1.2°. |
| 27 | eiP i ei iS Im | 14 12 38 12 46 14 35.5 15 32.2 18 20 | Crete. Dc=15.3°. PV:1.2s 25mμ. |
| 27 | eiP | 15 01 51 | D. Sea of Okhotsk. MPV=4.9 Kašperské Hory. Dc=74.7°. PV:0.8s 21mμ. |
| 28 | e | 09 42 20 | ei 43 27. |
| 28 | ei | 10 44 31 | |
| 28 | eiPKIKP eiPKP2 | 10 46 36.6 47 09.4 | Kermadec Islands. Dc=157.1°. |
| 28 | eiSg | 12 43 50 | |
| 28 | eSg | 15 09 54 | Im 09 56. |
| 28 | eiPKP ei | 23 14 29.5 14 51.5 | D. Tonga Islands. Dc=147.5°. |
| 29 | eiPg eiSg Im | 02 30 36 30 52 31 01 | D=1.2°. |
| 29 | e | 08 27 36 | eiSg 27 52. |
| 29 | eiP ei ei | 09 50 33 50 36 51 09 | Dodecanese Islands. Dc=15.4°. |
| 29 | iPKIKP ei | 10 03 25.0 05 38.5 | D. Fiji Islands. Dc=150.9°. |
| 29 | eiSg | 10 16 09 | Im 16 14. |

| Date | Phase | h m s | Remarks |
|------|-----------------------|---|---------------------------------|
| 29 | e eiPg ei | 11 01 01 01 03 01 28 | Explosion of 15 Tons. Dc=142km. |
| 29 | e | 11 15 17 | ei 15 36.8. |
| 29 | ei | 11 28 45.4 | |
| 29 | ei | 11 48 54.6 | |
| 29 | ei | 11 55 21 | |
| 29 | e | 12 29 36 | ei 29 52.5, Im 29 56. |
| 29 | e | 12 56 19 | eiSg 57 22.8, Im 57 44. |
| 29 | e | 13 07 00 | Im 07 05. |
| 29 | e | 13 24 27 | |
| 29 | eP | 14 16 38.5 | Bering Sea. Dc=73.5°. |
| 29 | ei | 14 59 08 | |
| 29 | eiP ei ei ei | 15 40 25.5 42 03.6 43 04 48 41 | Washington. Dc=76.5°. |
| 29 | eiP ei | 16 01 41.4 04 44 | Java Sea. Dc=98.6°. |
| 29 | eiPKIKP ei ei | 16 30 57 31 04 31 42 | Tonga Islands. Dc=145.7°. |
| 29 | eiPKP2 | 22 52 47.5 | Kermadec Islands. Dc=161.0°. |
| 30 | eiSg | 10 44 31 | |
| 30 | e | 13 00 54 | |
| 30 | ePg eiSg Im | 13 07 41.4 07 56 08 12 | D=1.1°. |
| 30 | eiP | 16 12 57.2 | C. Aleutian Islands. Dc=78.3°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------|---|--|
| 1 | eP ei | 02 03 22 03 27.3 | Dodecanese Islands. Dc=15.4°. |
| 1 | eiP ei | 02 09 13.4 09 18.5 | C. Alaska. MPV=5.2 Kašperské Hory. Dc= =69.6°. PV:1s 19mμ. |
| 1 | eP | 02 28 19 | D. Japan. Dc=84.5°. |
| 1 | eP e | 13 16 44.5 20 06.5 | Mariana Islands. Dc=104.8°. |
| 1 | e | 15 40 17.5 | ei 40 57, ei 41 17. |
| 1 | iP i eiPP ei | 21 39 03.0 39 08.2 41 36.5 43 29.3 | C. Alaska. MPV=5.4 Kašperské Hory. Dc= =69.4°. PV:1s 35mμ. |
| 2 | eiP ei | 00 16 10.2 19 37 | D. Japan. MPV=5.3 Kašperské Hory. Dc= =88.0°. PV:1.2s 19mμ. |
| 2 | ePKP ei | 11 10 57.8 11 06.8 | Tonga Islands. Dc=149.8°. |
| 2 | eiP ei | 22 36 58 37 03.6 | Crete. Dc=15.4°. |
| 3 | eiP | 04 07 55.2 | D. Atlantic Ocean 14.2°S 15.3°W, H= =03 56 54.4, h=33km(ISC). M=4.9 ISC, USCGS, MPV=5 Kašperské Hory. Dc=68.0°. PV:1s 11mμ. |
| 3 | eiP ei eiPP | 10 14 25.4 15 18 17 51 | El Salvador. Dc=87.9°. |
| 3 | e | 10 55 06.5 | eiSg 55 27. |
| 3 | e | 12 45 25 | ei 45 32, eiSg 45 47.8, Im 45 56. |
| 3 | eiP eiPcP | 12 56 52 57 03 | Aleutian Islands. 51.4°N 174.5°E, H= =12 44 52.3, h=39km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=78.5°. |
| 3 | ei | 13 00 15.8 | |
| 3 | e | 14 28 06 | ei 28 13, ei 28 33, ei 28 58.6. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|---|---|
| 3 | ei | 16 04 37 | |
| 3 | eiP | 17 52 55 | Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=78.0°. PV:1s 11mμ. |
| 3 | ei | 21 35 04 | |
| 4 | eiP i eiPP eiS | 08 42 58.4 43 07.5 44 40 49 42 | Kirgiz-Sinkiang. Dc=45.5°. |
| 4 | e | 11 01 11 | eiSg 01 18. |
| 4 | eSg | 12 03 35 | Im 03 45. |
| 4 | e | 12 15 10 | ei 15 14. |
| 4 | eiSg | 12 40 07 | Im 40 12. |
| 4 | ei | 16 51 40 | |
| 4 | ei eiPKP2 | 18 23 47 23 57.5 | Tonga Islands. Dc=150.4°. |
| 5 | eSg | 00 57 36 | Poland 50.3°N 18.9°E, H=00 55 43. M= =2.2(Warsaw). Dc=3.6°. |
| 5 | eiP | 05 40 42 | D. Crete. Dc=15.8°. |
| 5 | eiPKP | 07 29 11.2 | C. West of Tonga. Dc=146.6°. |
| 5 | e | 08 45 14.5 | |
| 5 | eSg | 09 09 57 | |
| 5 | ePg eiSg Im | 12 59 59.6 13 00 14 00 20 | D=1.1°. |
| 5 | eiSg ei | 15 34 24 34 38 | Poland. Dc=3.6°. |
| 5 | eiP ei | 23 13 55 14 06 | C. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=77.3°. PV:1s 31mμ. |
| 6 | e | 01 05 21 | |

| Date | Phase | h m s | Remarks |
|------|-----------------|-----------------------|---|
| 6 | ei | 10 32 59 | |
| 6 | ei | 10 39 36.3 | |
| 6 | e | 12 46 18.4 | eiSg 47 03.5, Im 47 23. |
| 6 | e | 13 31 17 | ei 31 21. |
| 6 | e | 14 35 34 | |
| 6 | eiPKIKP | 14 42 54.4 | New Britain. Dc=123.1°. |
| 7 | eSg | 01 08 48 | Poland. Dc=3.7°. |
| 7 | e | 07 23 53.5 | |
| 7 | e | 07 59 43 | eiSg 08 00 02.8, Im 00 05. |
| 7 | eiSg | 08 01 42 | Im 01 47. |
| 7 | eiPg | 08 24 50 | eiSg 25 08, Im 25 17. |
| 7 | e | 08 44 34 | |
| 7 | eSg | 10 44 05 | |
| 7 | ei | 11 49 35.2 | |
| 7 | e | 12 19 06 | |
| 7 | eiPKP | 12 26 42 | West of Tonga. Dc=146.8°. |
| 7 | ei | 12 41 43 | |
| 7 | e | 12 46 34 | eiSg 46 51.2. |
| 7 | e | 14 02 40 | |
| 7 | eiP | 14 45 55.8 | Dodecanese Islands. Dc=15.7°. |
| 7 | e ei(Sg) | 15 06 09.5 06 25.5 | Explosion of 6.8 Tons in Germany. Dc= =2.7°. |
| 7 | eiPKP eiPKP2 | 16 03 25.3 04 04 | Kermadec Islands. Dc=161.2°. |

| Date | Phase | h m s | Remarks |
|------|------------------------------|---|--|
| 7 | eiPKIKP eiPKP2 | 16 52 28 53 11 | Kermadec Islands. Dc=161.1°. |
| 7 | ePKP2 ei | 17 12 45 13 06.6 | Kermadec Islands 32.5°S 178.1°W, H= =16 52 12.5, h=33km(ISC). M=4.6 ISC, USCGS. Dc=161.0°. |
| 7 | ei | 23 51 38 | eiSg 52 35.8. |
| 8 | eiP eiPP | 01 30 46.8 32 26 | C. Severnaya Zemlya. Dc=45.1°. |
| 8 | eiP ei | 03 18 17.5 18 34 | Philippine Islands. Dc=86.7°. |
| 8 | e | 06 26 20 | |
| 8 | eiPg eiSg Im | 09 15 09.6 15 17.5 15 22 | Explosion of 11.4 Tons. Dc=64km. |
| 9 | e | 05 38 02 | |
| 9 | e | 12 05 05 | eiSg 05 50.8. |
| 9 | eP | 14 24 02 | South of Panama 6.5°N 82.6°W, H= =14 11 05.3, h=23km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=89.2°. |
| 9 | eiSg | 21 28 30 | |
| 10 | eiPKP ei | 00 10 15.8 10 29 | D. Fiji Islands. Dc=152.2°. |
| 10 | eiPn | 04 29 46.2 | ei 30 51, ei 31 48. |
| 10 | eiPn eiPg eiSn eiSg | 04 42 36.6 43 02 43 21.2 44 12.8 | Italy. D=5.1°, Dc=5.5°. |
| 10 | eiPn ei ei | 04 56 31.3 57 33 58 30 | Italy. Dc=5.1°. |
| 10 | eiPn eiPg eiSn eiSg | 05 04 21 04 45 05 06.5 05 52 | Italy. D=5.1°, Dc=5.3°. |

| Date | Phase | h m s | Remarks |
|------|------------------------|---|---|
| 10 | e | 05 36 36.8 | |
| 10 | eiP | 05 46 49.6 | Central Mid-Atlantic Ridge 0.3°N 25.0°W, H=05 36 52.0, h=33km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=58.8°. |
| 10 | e | 10 53 56 54 15 | Poland. Dc=3.8°. |
| 10 | ei | 12 09 45 | |
| 10 | eiSg | 12 44 10 | Im 44 29.8. |
| 10 | e | 18 16 30 | |
| 11 | e | 01 07 24 | ei 08 05. |
| 11 | eP | 01 24 02 | Kurile Island 45.3°N 150.7°E, H= =01 12 02.0, h=40km(ISC). M=4.5 ISC 4.4 USCGS. Dc=78.8°. |
| 11 | e | 06 47 43 | Kazakhstan 49.8°N 78.1°E, H=06 39 57.3, h=0km(ISC). M=5.2 USCGS, 4.9 ISC. Dc= =40.8°. |
| 11 | ePg eiSg Im | 11 37 07 37 27 37 36 | D=1.5°. |
| 11 | ei eiSg | 16 38 21 39 41 | Yugoslavia 44.2°N 17.7°E, H=16 36(SAR). |
| 11 | iP ei ei ei | 17 48 40.3 48 46.3 49 01 49 33 | Alaska. MPV=5.1 Kašperské Hory. Dc= =69.1°. PV:1s 13mμ. |
| 11 | eiP | 22 38 17.3 | Roumania. Dc=9.6°. |
| 12 | e | 00 43 58 | Italy 44.3°N 10.4°E, H=00 41 56(BCIS). Dc=5.3°. |
| 12 | eiPKP | 07 03 57.5 | West of Tonga. Dc=148.1°. |
| 12 | eiPKIKP eiPP eSP | 10 52 04 52 44.8 11 02 02 | Banda Sea. Dc=112.0°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|--|
| 12 | eiSg | 11 32 16 | Im 32 28. |
| 12 | ePg | 12 49 57 | eiSg 50 22.8. |
| 12 | ei | 14 53 08 | Poland. Dc=3.7°. |
| 12 | eiSg | 15 02 00.5 | Im 02 14. |
| 12 | ePg eiSg Im | 16 14 28.3 14 32.7 14 36 | D=38km. |
| 12 | eiSg | 16 19 39.5 | Im 19 45. |
| 12 | eiP | 19 48 54.3 | Argentina. Dc=99.8°. |
| 12 | ei | 21 07 38 | ei 08 12.8. |
| 13 | eP | 00 19 28.4 | Puerto Rico. Dc=68.4°. |
| 13 | eiPg eiSg | 02 13 26.6 14 23 | France. D=4.2°, Dc=4.4°. |
| 13 | eiP e | 02 35 50.3 38 53 | D. Southern Bolivia. MPV=5.3 Kašperské Hory. Dc=96.4°. PV:1s 16mμ. |
| 13 | eiP | 04 25 38.3 | Colombia. MPV=4.5 Kašperské Hory. Dc= =86.2°. PV:1s 8mμ. |
| 13 | e | 12 49 35 | ei(Sg) 49 56. |
| 13 | e | 15 31 33 | |
| 13 | eiSg | 16 32 53 | Im 32 56. |
| 13 | eiP | 19 35 13.3 | Japan. Dc=84.6°. |
| 13 | ePKP | 21 10 49 | West of Tonga. Dc=151.5°. |
| 14 | iPKIKP | 02 46 04.0 | C. New Hebrides Islands 19.0°S 169.5°E, H=02 27 00.5, h=259km(ISC). M=4.6 USCGS, 4.4 ISC. Dc=144.1°. |
| 14 | eiP | 09 58 14.8 | Aleutian Islands 50.4°N 178.1°E, H= =09 46 09.4, h=48km(ISC). M=4.6 USCGS, 4.5 ISC, MPV=4.7 Kašperské Hory. Dc= =80.0°. PV:1.2s 13mμ. |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|--|
| 14 | ePn | 10 28 34.8 | e 28 44, ei(Sg) 29 18. |
| 14 | e | 10 33 13 | |
| 14 | ePg eiSg | 12 43 40 44 02.8 | D=1.7°. |
| 14 | eiPg eiSg | 16 58 31.3 52 27.8 | D=3°. |
| 14 | eiP | 17 02 24 | C. Aleutian Islands. MPV=4.8 Kašperské Hory. Dc=80.0°. PV:1s 13mμ. |
| 14 | e | 17 45 06 | ei 45 27.3. |
| 14 | iPKP | 18 29 26.0 | D. West of Tonga. Dc=149.8°. |
| 14 | eiPKP ei | 23 47 11.8 47 20.3 | West of Tonga. Dc=150.0°. |
| 15 | eiSg | 12 41 48.3 | Poland. Dc=3.7°. |
| 15 | e | 16 30 08 | Lm 30 13. |
| 15 | ei | 16 38 22.3 | |
| 15 | ePKIKP | 16 59 17 | New Zealand Region. Dc=161.5°. |
| 15 | ePg eiSg Lm | 17 03 11 03 16.5 03 20.5 | D=50km. |
| 15 | iP | 21 13 16.3 | D. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=77.5°. PV:1.1s 20mμ. |
| 15 | eiPKP eipPKP | 23 53 25 53 32 | Tonga Islands. Dc=146.4°. |
| 16 | ePKIKP eiPP | 00 17 24 18 12 | New Guinea. Dc=113.4°. |
| 16 | eiP ei | 01 39 55 42 17 | Dodecanese Islands. MPV=4.4 Kašperské Hory. Dc=17.4°. PV:1.1s 35mμ. |
| 16 | iP ei | 11 34 27.3 34 41.3 | Turkey. MPV=4.4 Kašperské Hory. Dc=21.3°. PV:1.2s 26mμ. |

| Date | Phase | h m s | Remarks |
|------|-------------------------------------|---|--|
| 16 | iP | 11 46 40.8 | C. Kurile Islands. MPV=5.5 Kašperské Hory. Dc=78.5°. PV:1s 40mμ. |
| 16 | eiP | 11 49 28 | Philippine Islands. Dc=100.1°. |
| 16 | eP | 21 18 09 | Aleutian Islands 51.7°N 174.9°E, H= =21 06 09.8, h=34km(ISC). M=4.3 USCGS, 4.2 ISC. Dc=78.4°. |
| 17 | eiP | 07 15 55.1 | C. Kurile Islands 45.5°N 151.2°E, H= =07 03 53.9, h=33km(ISC). M=4.6 USCGS, 4.0 ISC. Dc=78.8°. |
| 17 | e | 13 16 23 | eiSg 16 49.5, ei 16 59, Lm 17 21. |
| 17 | eiPg eiSg Lm | 13 29 26.8 29 28.8 29 50.5 | D=17km. |
| 17 | eiP ei | 13 36 02.8 36 11.4 | Kurile Islands. MPV=5.0 Kašperské Hory. Dc=78.3°. PV:1.1s 15mμ. |
| 17 | e | 15 23 04 | |
| 17 | iP i eiPP eSKS eiS i | 17 31 56.8 32 18.8 35 13 42 19 42 48.8 43 36.8 | C. Taiwan. MPV=6.3 Kašperské Hory. Dc= =84.2°. PV:1.4s 546mμ. |
| 17 | iPKP eiPKP2 | 18 25 31.8 25 49 | Tonga Islands. Dc=151.1°. |
| 17 | eiP ei | 20 33 02.8 33 11 | Komandorsky Islands. MPV=5.2 Kašperské Hory. Dc=73.6°. PV:1.1s 26mμ. |
| 17 | iP | 21 36 42.9 | Kurile Islands. MPV=5.2 Kašperské Hory. Dc=78.7°. PV:1.1s 23mμ. |
| 18 | eiP | 01 15 46.4 | D. Madagascar. MPV=5.2 Kašperské Hory. Dc=73.8°. PV:1.5s 45mμ. |
| 18 | ei | 07 02 26.8 | |
| 18 | e | 07 14 33 | ei 15 15. |
| 18 | iPg eiSg | 08 00 44.8 01 02.8 | Explosion of 6.5 Tons. Dc=140km. |

| Date | Phase | h m s | Remarks |
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| 18 | eiP | 11 01 03.8 | Kurile Islands. Dc=79.0°. |
| 18 | eiPg eiSg | 11 38 53 39 10 | D=1.3°. |
| 18 | e | 11 43 02 | eiSg 43 19. |
| 18 | ei | 12 41 42.8 | |
| 18 | ePg ei eiSg | 12 53 14 53 28.8 53 39.3 | D=1.9°. |
| 18 | e | 12 57 15 | |
| 18 | eiPg eiSg | 13 16 19 16 24.3 | D=42km. |
| 18 | eiPg eiSg Lm | 13 20 37.3 20 45.8 20 51 | D=72km. |
| 18 | e | 14 34 47 | ei 34 51.8, Lm 34 53. |
| 18 | e | 16 45 21 | Lm 45 38. |
| 18 | eiPKP | 16 56 35.3 | D. West of Tonga. Dc=149.4°. |
| 18 | iP | 22 58 31.8 | Kurile Islands. MPV=5.5 Kašperské Hory. Dc=78.9°. PV:1s 65mμ. |
| 19 | eiPg e eiSg | 00 07 38 07 59 08 19 | Germany. D=3.2°. Dc=3.2°. |
| 19 | iPKIKP ei ei | 03 20 05.3 20 19 21 05 | D. Solomon Islands. Dc=130.7°. |
| 19 | eiPKIKP i | 04 41 12.8 41 19.3 | Fiji Islands. Dc=152.4°. |
| 19 | eiPKP | 04 58 15.3 | Fiji Islands. Dc=152.0°. |
| 19 | eiPP | 06 21 11 | Sunda Strait. Dc=96.3°. |
| 19 | ei | 09 11 59 | |

| Date | Phase | h m s | Remarks |
|------|--------------------------------|--|---|
| 19 | eiPg eiSg Lm | 10 16 41.2 16 48.7 16 54 | D=62km. |
| 19 | ePg eiSg Lm | 10 40 30 40 39 40 45 | D=76km. |
| 19 | e | 11 42 50 | ei 42 56. |
| 19 | eiPKIKP ei | 14 18 47.3 19 05 | New Britain. Dc=123.8°. |
| 19 | eiP | 18 08 09.3 | Kurile Islands. Dc=79.0°. |
| 19 | iP | 22 19 14.2 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=78.5°. PV:1.2s 31mμ. |
| 19 | eiP ei | 22 29 57 30 10.5 | C. Kurile Islands. MPV=4.8. Dc=78.9°. PV:1s 11mμ. |
| 19 | iPKIKP iPKHKP ei eiPP | 23 50 58.2 51 04.3 52 31 54 42 | D. West of Tonga. Dc=150.2°. |
| 20 | eiPKIKP i eiPP ei | 00 59 42 59 55.4 01 02 27 03 29.2 | New Hebrides Islands. Dc=139.4°. |
| 20 | eiP | 02 25 37.8 | Aleutian Islands. Dc=78.5°. |
| 20 | e | 11 00 30 | |
| 20 | e | 12 46 00 | ei 48 18. |
| 20 | eP | 14 19 32 | Sumatra. Dc=85.7°. |
| 20 | eSg | 15 09 38 | |
| 20 | ePKIKP ei eiPP | 20 57 29 58 17 21 01 57 | New Zealand. Dc=161.9°. |
| 20 | e | 21 39 32 | |
| 20 | e | 22 45 04 | |

| Date | Phase | h m s | Remarks |
|------|-------------------------|--|---------------------------------|
| 21 | eiPg eiSg Lm | 08 00 37.8 01 04.8 01 22 | D=2.1°. |
| 21 | iPg iSg L Lm | 08 59 53.3 09 00 05 00 11 00 16 | Explosion of 3.5 Tons. Dc=64km. |
| 21 | e | 10 44 42 | |
| 21 | e | 12 30 58 | |
| 21 | e | 12 40 48 | Lm 40 53. |
| 21 | eiPg eiSg | 13 01 59 02 25 | D=2°. |
| 21 | e | 13 08 56 | ei 09 39. |
| 21 | e | 15 46 02 | eiSg 46 23. |
| 21 | e | 16 09 52 | |
| 21 | e | 22 42 53 | |
| 22 | eP e eiPP | 03 19 49 23 16 24 10 | Molucca Passage. Dc=103.7°. |
| 22 | e | 10 44 18 | |
| 22 | eiPKIKP iPKHKP ei | 10 50 21.8 50 28.3 52 32.8 | West of Tonga. Dc=149.0°. |
| 22 | ePg eiSg Lm | 11 02 49 02 51.3 02 53 | D=20km. |
| 22 | e | 15 38 32 | |
| 22 | eiP ei | 16 20 22.8 22 48.3 | South Atlantic Ridge. Dc=67.5°. |
| 22 | eP | 19 04 36 | Japan. Dc=80.5°. |

| Date | Phase | h m s | Remarks |
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| 22 | ePn eiPg eiSn eiSg | 20 09 01 09 32 10 02.5 10 36.8 | Italy. D=5.4°, Dc=5.2°. |
| 23 | e | 03 26 54 | |
| 23 | eiP ei ei | 04 10 24 10 32.8 13 31 | C. Japan. Dc=81.2°. |
| 23 | e(Pg) ei eiSg | 06 17 29 17 49.5 17 56.3 | Austria 47.9°N 16.2°E, H=06 16(Vienna). Dc=2.1°. |
| 23 | e | 07 02 05 | eiSg 02 33. |
| 23 | eSg | 07 18 27 | |
| 23 | iP eiPP | 07 57 27 59 53 | South Atlantic Ridge. Dc=67.4°. |
| 23 | eiPg ei eiSg | 11 38 43 39 08 39 11 | Austria. D=2.2°, Dc=2.1°. |
| 23 | eP | 16 16 53 | China. Dc=71.3°. |
| 23 | eiPg eiSg Lm | 17 21 15.3 21 36.2 21 39 | D=1.6°. |
| 23 | eiPg iSg | 19 50 36.8 50 58.3 | D=1.6°. |
| 23 | iP ei ei | 23 58 10.0 58 30 00 00 44 | C. Aleutian Islands. MPV=6.1 Kašperské Hory. Dc=77.9°. PV:1.5s 259mμ. |
| 24 | eiPg eiSg | 08 22 40 23 06 | D=2°. |
| 24 | e | 09 26 53 | ei 27 21.5, ei 27 38.6. |
| 24 | e | 10 30 22 | |
| 24 | e | 12 49 47 | eiSg 50 12.8. |

| Date | Phase | h m s | Remarks |
|------|----------------------|--------------------------------|--|
| 24 | eiP ei | 14 00 47.2 00 59.2 | C. Japan. MPV=5.2 Kašperské Hory. Dc= =82.5°. PV:1s 21mμ. |
| 24 | e | 14 36 07 | |
| 24 | eSg | 15 59 40 | Lm 59 42. |
| 24 | e | 18 16 10 | Lm 16 16. |
| 24 | e | 21 49 59 | ei 51 12, ei 51 58. |
| 24 | eiP ei eiPP | 23 34 24.5 34 36 37 51.5 | Philippine Islands. MPV=5.9 Kašperské Hory. Dc=93.4°. PV:2.2s 109mμ. |
| 25 | eiPn eiPg eiSg | 03 29 46.6 29 55.5 30 34 | Germany. D=3.1°, Dc=2.8°. |
| 25 | e | 08 34 41.5 | |
| 25 | e | 11 09 11 | Lm 09 28. |
| 25 | eiP ei ei | 13 19 51.5 20 33 22 34 | Aleutian Islands. Dc=79.2°. |
| 25 | e | 17 06 48 | Lm 06 57 |
| 25 | eiPKIKP ei | 18 54 05.5 54 21.5 | D. Fiji Islands. Dc=144.8°. |
| 25 | e | 19 43 50 | eSg 43 54, Lm 43 59. |
| 25 | eiPKIKP | 20 32 53.1 | Fiji Islands. Dc=145.1°. |
| 25 | eiP | 20 59 07.5 | D. |
| 26 | eiP | 01 08 34.6 | C. Kurile Islands. Dc=78.0°. |
| 26 | eiP | 05 11 30.5 | Near Coast of Guatemala 13.7°N 90.5°W, H=04 58 45.8, h=103km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=88.7°. |
| 26 | ePKIKP | 07 02 51.3 | New Zealand 35.5°S 179.5°W, H= =06 42 46.0, h=2km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=163.1°. |

| Date | Phase | h m s | Remarks |
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| 26 | e | 11 15 16 | |
| 26 | e | 11 46 14 | |
| 26 | eiSg | 12 11 49 | Lm 11 51. |
| 26 | e | 12 47 50 | eiSg 48 36. |
| 26 | ei | 13 30 23 | eiSg 30 25, Lm 30 27. |
| 26 | eiP ei | 14 03 38 03 58 | Iraq. Dc=26.5°. |
| 26 | eiSg | 16 40 23 | Lm 40 34. |
| 26 | e | 17 13 23 | |
| 26 | eiP | 19 27 48 | Aleutian Islands 52.1°N 175.1°E, H= =19 15 53.0, h=38km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=78.2°. |
| 26 | eiP ei eiPP ei eiPKP | 20 01 53 02 23.5 03 28 13 26.8 13 40.5 | South Sandwich Islands. Dc=110.6°. |
| 26 | eiPKIKP | 23 39 20.5 | C. Kermadec Islands. Dc=157.6°. |
| 26 | eiP | 23 44 06.5 | C. Kurile Islands. MPV=5.0 Kašperské Hory. Dc=78.8°. PV:1s 16mμ. |
| 27 | eiPKIKP | 01 49 04.3 | C. Samoa Islands. Dc=145.6°. |
| 27 | e | 02 45 12 | eiSg 45 16. |
| 27 | e | 05 25 57 | eiSg 26 18, Lm 26 21. |
| 27 | e | 11 51 13 | |
| 27 | eSg | 12 05 36 | |
| 27 | e | 12 23 20 | eiSg 23 25, Lm 23 30. |
| 27 | eiPg | 13 51 59 | e 52 20.3. |

| Date | Phase | h m s | Remarks |
|------|--------------------|------------------------------|---|
| 27 | eiSg | 14 38 29 | |
| 27 | eiSg | 15 02 50.5 | Lm 02 54. |
| 27 | eSg | 17 44 32 | |
| 27 | eiP ei | 19 41 18.5 41 27.8 | Alaska. MPV=5.0 Kašperské Hory. Dc= =77.2°. PV:1.3s 18mμ. |
| 27 | e | 20 43 04 | eiSg 43 05.5. |
| 27 | eiP | 22 41 46.2 | C. Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=77.4°. PV:1.2s 13mμ. |
| 28 | eiPKIKP | 01 11 43.2 | D. West of Tonga. Dc=148.3°. |
| 28 | eP | 05 29 00 | Philippine Islands. Dc=85.2°. |
| 28 | eiP | 07 15 13 | Kurile Islands. MPV=5.1 Kašperské Hory. Dc=77.2°. PV:1s 16mμ. |
| 28 | eiPKIKP ei | 08 54 29.5 54 52.3 | Tonga Islands. Dc=145.7°. |
| 28 | eiP | 09 38 46.3 | Hindu Kush. Dc=42.2°. |
| 28 | eiPg eiSg Lm | 10 13 47.2 14 00 14 09 | Explosion of 5 Tons (Germany). D=1°, Dc=0.9°. |
| 28 | eSg | 13 59 28 | Lm 59 32. |
| 28 | e | 14 01 47 | eiSg 01 54. |
| 28 | e | 15 30 05 | |
| 28 | e | 16 56 33 | ei 57 12.5. |
| 28 | e | 18 00 10 | eiSg 00 32. |
| 28 | eiPg eiSg Lm | 18 05 05.6 05 24 05 33 | Explosion of 1.5 Tons. Dc=145km. |
| 28 | eiP ei | 18 26 06 26 15.8 | D. Aleutian Islands. MPV=4.7 Kašperské Hory. Dc=78.2°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------------|---|---|
| 28 | e | 20 26 28 | |
| 29 | eP ei | 01 51 22 51 27 | Mediterranean Sea. Dc=15.5°. |
| 29 | eiP ei ei | 04 18 30 18 36.4 21 13 | Mediterranean Sea. Dc=15.4°. |
| 29 | ePg ei ei | 05 42 31.4 43 21.2 44 06.8 | Italy. Dc=6.3°. |
| 29 | e ei | 05 50 05.5 50 13.5 | Italy. Dc=6.3°. |
| 29 | ei | 06 21 36 | eiSg 21 57.5. |
| 29 | ei | 06 33 26.5 | Italy 42.9°N 12.8°E, H=06 31, M=3.7 (Roma). Dc=6.3°. |
| 29 | e | 07 25 10 | |
| 29 | e | 10 50 23 | eiSg 50 32.2, Lm 50 38. |
| 29 | e | 11 25 18 | |
| 29 | eiP | 12 06 23.8 | Colombia. Dc=85.6°. |
| 29 | ePn eiPg eiSn eiSg | 13 22 59.5 23 37 24 11.7 24 56.8 | Italy. Dc=6.3°. |
| 29 | ei eiSn | 13 37 27.8 38 02.6 | Italy. Dc=6.4°. |
| 29 | ePn eiSn | 13 41 21 42 33.6 | Italy. Dc=6.3°. |
| 29 | e eiSg ei | 14 25 22 26 15.8 27 06 | Poland. Dc=2.7°. |
| 29 | ePKIKP eiPP | 15 56 34 16 01 18.5 | South Pacific Cordillera. Dc=165.6°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|----------------------------------|--|
| 29 | ePKIKP ei | 16 31 43.5 31 58.8 | Samoa Islands 16.4°S 172.7°W, H= =16 12 13.9, h=33km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=146.5°. |
| 29 | ePn ei eiSn | 17 10 24 10 59 11 33.5 | Italy. Dc=6.6°. |
| 29 | ePg eiSg | 18 35 50.3 37 19 | Italy 42.9°N 12.8°E, H=18 33 48, M=4.1 (Roma). D=6.4°, Dc=6.4°. |
| 29 | e eiSg | 19 53 45 54 15 | Austria. Dc=2.1°. |
| 29 | e eiSn | 21 04 29 04 51.2 | Italy. Dc=6.4°. |
| 29 | eiP | 23 01 34 | Iceland. Dc=25.0°. |
| 30 | eiP | 01 26 18.4 | D. Aleutian Islands 51.8°N 174.7°E, H= =01 14 17.3, h=19km(ISC). M=4.7 USCGS, 4.4 ISC. Dc=78.2°. |
| 30 | e | 12 03 46 | eiSg 04 18. |
| 30 | eiP | 13 59 51.8 | Jan Mayen Islands. Dc=74.4°. |
| 30 | eiPg | 18 53 57.1 | iSg 54 20. |
| 31 | iP ei | 02 13 36.2 14 07.2 | D. Kashmir. MPV=5.0 Kašperské Hory. Dc= =49.9°. PV:1s 21mμ. |
| 31 | ePKP | 03 41 13 | Fiji Islands. Dc=152.7°. |
| 31 | iP i ei | 08 50 20.3 50 48.8 53 30.8 | C. Japan. MPV=5.5 Kašperské Hory. Dc= =82.9°. PV:1s 76mμ. |
| 31 | eiPn ei iSn | 09 23 53 24 18.8 25 05.8 | Italy. Dc=6.5°. |
| 31 | ei | 10 44 34.8 | |
| 31 | ePn ei eiSn | 11 17 08 17 35 18 20 | Italy. Dc=6.4°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|-------------------------------|
| 31 | eiPKIKP eiPP | 11 56 59.2 57 27 | Banda Sea. Dc=111.9°. |
| 31 | e | 12 08 03 | |
| 31 | eSg | 12 37 30 | Im 37 38. |
| 31 | e | 12 41 30.4 | ei 42 06.6, ei 42 26.8. |
| 31 | i | 13 02 43.5 | eiSg 02 50.8, Im 02 54. |
| 31 | ei | 13 53 28 | ei 53 50. |
| 31 | eP ei ei | 15 09 11.5 09 17.2 11 22 | Mid Atlantic Ridge. Dc=56.4°. |
| 31 | ei | 15 18 50.7 | |
| 31 | e | 15 43 27 | ei 44 45.8. |
| 31 | e | 16 03 01.5 | eiSg 03 20.5. |
| 31 | eSg | 16 18 31 | |
| 31 | eiPg iSg Im | 16 36 15 36 32.8 36 40 | D=1.3°. |

| Date | Phase | h m s | Remarks |
|------|---|--|--|
| 1 | eiP eiPcP | 04 43 49 44 11.6 | Burma. Dc=69.4°. |
| 1 | eiP ei | 08 02 03.2 02 13 | C. Nepal. MPV=5.2 Kašperské Hory. Dc= =55.8°. PV:0.8s 19mμ. |
| 1 | ei | 10 46 49.8 | |
| 1 | e | 11 48 45 | eiSg 49 06. |
| 1 | eSg | 12 40 33 | Lm 40 38. |
| 1 | eiSg | 13 57 59.5 | Lm 58 16. |
| 1 | e | 15 08 46 | eiSg 09 06.5. |
| 1 | eiP | 15 24 49 | Azores Islands. Dc=30.8°. |
| 1 | ePKP | 16 48 44 | Tonga Islands 19.0°S 174.4°W, H= =16 29 07.4, h=107km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=149.2°. |
| 1 | e | 16 58 04 | eiSg 58 19. |
| 1 | ePKIKP | 18 44 44 | C. Tonga Islands. Dc=145.9°. |
| 1 | ePg eiSg Lm | 21 09 48 10 04 10 14 | D=1.2°. |
| 2 | iPKIKP i ei | 03 37 41.3 37 54.5 38 08 | D. Samoa Islands. Dc=145.3°. |
| 2 | iPKIKP iPKHKP i ei eipPKIKP | 05 31 47.2 31 55 32 08 33 55.5 34 03 | C. Fiji Islands. Dc=161.3°. |
| 2 | ePKP | 09 38 08 | Tonga Islands. Dc=147.4°. |
| 2 | e | 10 56 52 | eiSg 36 55.5. |
| 2 | e | 10 44 41 | eiSg 44 53. |
| 2 | e | 11 10 07 | eiSg 10 16.3. |

| Date | Phase | h m s | Remarks |
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| 2 | e | 12 36 46 | |
| 2 | eipPKIKP | 12 59 40.8 | Samoa Islands. Dc=146.2°. |
| 2 | eiPKIKP i i ei | 15 04 27.2 04 31.5 05 46.5 06 56 | Tonga Islands. Dc=147.2°. |
| 2 | eiPKIKP iPKHKP eipPKIKP | 15 17 04 17 08 19 29.3 | Tonga Islands. Dc=147.3°. |
| 2 | e | 19 16 45 | |
| 2 | iP iPcP | 23 50 19 5 51 06 | D. North Atlantic Ridge. MPV=5.9 Kašperské Hory. Dc=58.7°. PV:1.8s 250mμ. |
| 3 | ei | 00 04 27 | |
| 3 | eiPKIKP eiPP | 05 04 19 06 31.8 | Salomon Islands. Dc=129.5°. |
| 3 | iP ei | 07 55 34.5 56 19.8 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=78.2°. PV:1.5s 73mμ. |
| 3 | iP i ei | 11 08 33.4 08 44.8 09 03 | C. Dominican Republic. MPV=5.5 Kašperské Hory. Dc=72.3°. PV:1.3s 50mμ. |
| 3 | eP | 12 38 04 | North Atlantic Ridge. Dc=58.6°. |
| 3 | e | 12 49 57 | eiSg 50 27.5, Lm 50 49. |
| 3 | e | 12 53 50 | eiSg 53 54.5. |
| 3 | e(P) | 13 36 30 | Kurile Islands. Dc=79.4°. |
| 3 | eSg | 14 36 48 | Lm 36 55. |
| 3 | eiSg | 15 30 30 | Lm 30 54. |
| 3 | e | 15 58 45 | |
| 3 | e | 16 22 56.5 | |

| Date | Phase | h m s | Remarks |
|------|-----------------------|---|---|
| 3 | eiP ei ei ei | 18 34 35.5 35 04 37 41.6 38 16 | Aegean Sea. Dc=11.6°. |
| 3 | eiP | 20 42 22.5 | Japan. Dc=78.3°. |
| 4 | eiP | 00 56 08 | Ascension Island. Dc=56.7°. |
| 4 | e | 10 01 12 | |
| 4 | ei | 10 33 29 | |
| 4 | eiSg | 11 04 18 | Lm 04 22. |
| 4 | ePg eiSg Lm | 11 16 51 17 02.5 17 07 | D=98km. |
| 4 | eSg | 12 19 36 | Lm 19 40. |
| 4 | e | 12 26 27 | eSg 26 41. |
| 4 | e | 12 52 27 | |
| 4 | e | 14 06 50.5 | eiSg 07 37.5. |
| 4 | eiPg eiSg | 14 30 57.8 31 10.8 | D=1°. |
| 4 | eiP ei | 15 14 21.6 14 42.5 | Aleutian Islands. Dc=79.3°. |
| 4 | eiPKIKP eiPKP2 | 15 46 24.5 47 02 | Kermadec Islands. Dc=158.6°. |
| 4 | eiPKP | 17 43 36.5 | Tonga Islands. Dc=150.3°. |
| 4 | eiP | 18 47 53 | Iran 32.3°N 55.5°E, H=18 40 55.7, h= =0km(ISC). M=4.8 USCGS, 4.7 ISC. Dc= =35.4°. |
| 5 | ePg eiSg | 03 46 45 47 02 | D=1.2°. |
| 5 | eiPP | 04 07 49 | Molucca Sea. Dc=106.3°. |

| Date | Phase | h m s | Remarks |
|------|---------------------|----------------------------|---|
| 5 | e | 07 30 37.5 | eiSg 30 50, Lm 31 07. |
| 5 | e | 08 20 22 | eiSg 20 59.6. |
| 5 | e | 10 25 59 | Poland. Dc=3.6°. |
| 5 | eiPKIKP eipPKIKP | 11 32 53 34 07 | C. Tonga Islands. Dc=146.3°. |
| 6 | eiP | 11 33 45.6 | C. Taiwan. Dc=84.0°. |
| 6 | eiP | 15 50 17 | Crete 35.5°N 23.4°E, H=15 46 38.6, h= =53km(ISC). M=4.2 ISC, 4.1 USCGS. Dc= =15.4°. |
| 7 | eiP | 05 02 43.5 | Kurile Islands 46.9°N 152.9°E, H= =04 50 48.3, h=47km(ISC). M=4.7 USCGS, 4.4 ISC. Dc=78.1°. |
| 7 | e | 06 37 23.8 | |
| 7 | e | 07 22 55 | eiSg 23 10.3. |
| 7 | e | 09 44 40 | eiSg 44 48.4. |
| 7 | ePKIKP | 13 35 04.2 | Tonga Islands. Dc=145.9°. |
| 7 | eiP | 13 52 02.8 | D. Ethiopia. MPV=4.4 Kašperské Hory. Dc=44.1°. PV:1s 8μ. |
| 7 | eiPKIKP | 15 31 35.8 | Tonga Islands. Dc=147.0°. |
| 7 | e eiSg | 15 46 08 47 01 | Poland. Dc=3.8°. |
| 8 | eiPg eiSg Lm | 09 34 36 34 45 34 49 | D=76km. |
| 8 | e | 11 20 12.5 | ei 20 48.2. |
| 8 | e | 12 35 31 | ei 35 46. |
| 8 | e | 12 44 41 | |

| Date | Phase | h m s | Remarks |
|------|-----------------------|--------------------------------|--|
| 8 | e | 12 49 04 | eiSg 49 35. |
| 8 | e | 13 15 34 | |
| 8 | eiPg eiSg | 15 43 29 43 50 | D=1.6°. |
| 8 | eiSg | 17 29 36 | |
| 8 | eiPn eiSn | 21 57 28 58 33 | Italy. D=5.4°, Dc=5.4°. |
| 8 | e | 22 09 40 | |
| 8 | eiP | 23 36 24.8 | C. Kurile Islands. MPV=5.2 Kašperské Hory. Dc=78.1°. PV:1s 21mμ. |
| 9 | eiPg eiSg | 07 43 56.4 44 18 | D=1.6°. |
| 9 | eiSg | 11 15 45 | |
| 9 | eiSg | 11 20 54 | Lm 21 04. |
| 9 | ePg eiSg | 13 06 50 07 19.2 | D=2.2°. |
| 9 | eiP | 13 38 46.7 | D. Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=77.2°. PV:1.2s 28mμ. |
| 9 | e(Sg) | 14 04 09 | |
| 9 | eiSg | 15 31 27 | Lm 31 43. |
| 9 | eiPKP2 | 16 15 12.2 | Kermadec Islands. Dc=160.1°. |
| 9 | eiPKP ei eisPKP | 17 18 07 18 11.5 19 10 | D. Tonga Islands. Dc=149.2°. |
| 9 | ei | 21 42 08.2 | |
| 10 | eiPKP | 04 55 13.5 | Tonga Islands. Dc=148.3°. |
| 10 | eiP ei eiPP | 05 56 48.7 57 26.5 58 29 | Hindu Kush. Dc=42.9°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|--|
| 10 | eP | 06 33 55 | Alaska 63.4°N 143.8°W, H=06 23 06.9, h=35km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=66.4°. |
| 10 | e | 09 35 02 | eiSg 35 17. |
| 10 | e | 10 18 41 | eiSg 18 49.2, Lm 18 54. |
| 10 | eiPg eiSg | 10 35 16 35 50.5 | D=2.7°. |
| 10 | ePg eiSg Lm | 11 02 59 03 04.7 03 08 | D=50km. |
| 10 | e | 11 15 56 | Lm 16 11. |
| 10 | e | 12 39 47 | Lm 39 54. |
| 10 | e | 13 32 01 | eiSg 32 18. |
| 10 | eiSg | 15 14 26 | |
| 10 | iP ei ei | 15 27 54.4 28 34.5 30 53 | D. Dodecanese Islands. MPV=4.5 Kašperské Hory. Dc=15.9°. PV:1.1s 41mμ. |
| 10 | e | 18 25 25 | |
| 10 | e(Sg) | 18 50 35 | |
| 10 | e | 19 48 00 | eiSg 48 23. |
| 10 | eiP | 20 39 45.5 | North Atlantic Ridge. Dc=27.5°. |
| 10 | eiSg | 21 02 08 | |
| 11 | ePKIKP | 01 53 39.8 | Easter Islands Cordillera 34.8°S 107.4°W H=01 34 22.3, h=31km(ISC). M=5.1 USCGS, 4.9 ISC. Dc=135.0°. |
| 11 | iP iPcP | 02 49 32.6 49 43 | C. Aleutian Islands. MPV=5.7 Kašperské Hory. Dc=78.1°. PV:1.2s 78mμ. |
| 11 | ePKP | 03 40 23 | Tonga Islands. Dc=147.3°. |
| 11 | iP ei | 03 45 45 48 44.5 | C. Kurile Islands. MPV=6.3 Kašperské Hory. Dc=78.9°. PV:1s 342mμ. |

| Date | Phase | h m s | Remarks |
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| 11 | eiP | 03 53 04 | C. Kurile Islands. MPV=5.9 Kašperské Hory. Dc=79.1°. PV:1s 109m μ . |
| 11 | eiP ei ei | 03 56 35.2 57 44 58 56 | C. Kurile Islands. Dc=78.9°. |
| 11 | eiP | 04 04 58.7 | C. Kurile Islands. Dc=79.5°. |
| 11 | iP | 04 12 48.5 | C. Kurile Islands. Dc=79.3°. |
| 11 | eiP | 04 15 18.2 | C. Kurile Islands. Dc=79.7°. |
| 11 | eiP | 04 26 52 | Kurile Islands. Dc=79.1°. |
| 11 | iP | 04 56 57 | Kurile Islands. Dc=79.2°. |
| 11 | eiP | 05 09 59 | Kurile Islands. Dc=79.2°. |
| 11 | eiP | 05 11 40.5 | Kurile Islands. MPV=5.1 Kašperské Hory. Dc=79.5°. PV:0.9s 13m μ . |
| 11 | eiP | 05 23 28 | |
| 11 | eiP | 05 32 28.5 | Kurile Islands 44.3°N 148.1°E, H= H=05 20 36, h=101km(ISC). M=4.2 USCGS, 3.9 ISC. Dc=78.8°. |
| 11 | eiP | 05 38 55.2 | C. Kurile Islands. Dc=79.0°. |
| 11 | eiP | 05 57 03.7 | C. Kurile Islands. MPV=5.2 Kašperské Hory. Dc=79.3°. PV:0.8s 16m μ . |
| 11 | eiP ei | 06 09 13 09 29.5 | Kurile Islands. Dc=79.3°. |
| 11 | eiP | 06 16 28 | Kurile Islands 44.1°N 149.3°E, H= =06 04 22.7, h=31km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=79.4°. |
| 11 | iP eiPcP ei | 07 23 07.2 23 20.5 24 34.5 | C. Kurile Islands. MPV=5.8 Kašperské Hory. Dc=79.2°. PV:1.2s 94m μ . |
| 11 | eiP eiPcP ei ei | 07 39 47.6 40 01 40 35.7 41 09.7 | Kurile Islands. MPV=5.6 Kašperské Hory. Dc=79.5°. PV:1s 54m μ . |

| Date | Phase | h m s | Remarks |
|------|--------------|-----------------------|--|
| 11 | eiP | 08 01 06 | D. |
| 11 | eiP ei | 08 28 32 28 44.2 | D. Kurile Islands 44.4°N 149.7°E, H= =08 16 27.6, h=33km(ISC). M=4.4 USCGS, 4.3 ISC. Dc=79.3°. |
| 11 | eiP ei | 08 45 02 45 24 | Kurile Islands 44.4°N 149.4°E, H= =08 32 58.3, h=33km(ISC). M=4.3 ISC, 4.2 USCGS. Dc=79.2°. |
| 11 | eiP eiPcP | 08 53 02.7 53 24.5 | C. Kurile Islands. MPV=5.4 Kašperské Hory. Dc=79.2°. PV:1s 35m μ . |
| 11 | eP eiPcP | 09 19 48.7 20 01 | Kurile Islands. Dc=79.6°. |
| 11 | eiP | 10 11 36 | C. Kurile Islands. Dc=79.3°. |
| 11 | iP | 10 28 41.5 | C. Kurile Islands. MPV=5.7 Kašperské Hory. Dc=79.1°. PV:1.4s 80m μ . |
| 11 | eiP | 10 31 51.5 | C. Kurile Islands. MPV=5.4 Kašperské Hory. Dc=79.3°. PV:0.8s 27m μ . |
| 11 | eiP ei | 10 33 42.4 33 55.5 | Kurile Islands. Dc=79.0°. |
| 11 | eiPg eiSg | 10 44 12.5 44 33.4 | D=1.6°. |
| 11 | eiP eiPcP | 10 53 13.6 53 24.6 | Kurile Islands. Dc=79.3°. |
| 11 | eP | 11 18 41 | Kurile Islands 44.6°N 149.1°E, H= =11 06 41.1, h=47km(ISC). M=4.2 USCGS, 4.0 ISC. Dc=78.9°. |
| 11 | eSg | 11 48 55 | |
| 11 | eiP ei | 12 12 04.6 12 07 | C. Kurile Islands. Dc=79.3°. |
| 11 | eP | 12 49 24 | Kurile Islands 44.3°N 149.0°E, H= =12 37 22.6, h=50km(ISC). M=4.3 USCGS, 4.2 ISC. Dc=79.1°. |
| 11 | eP | 12 57 38.8 | Kurile Islands 44.0°N 149.1°E, H= =12 45 34.0, h=33km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=79.4°. |

| Date | Phase | h m s | Remarks |
|------|--------------|---------------------|---|
| 11 | eiP | 12 58 49 | D. Kurile Islands. Dc=77.9°. |
| 11 | eP eiPcP | 13 06 29 06 41.5 | Kurile Islands. Dc=79.6°. |
| 11 | eiP | 13 56 09.5 | Kurile Islands 46.3°N 149.7°E, H= =13 44 18.8, h=53km(ISC). M=4.4 USCGS, 4.3 ISC. Dc=77.5°. |
| 11 | eP | 14 40 58.8 | Kurile Islands 44.2°N 148.8°E, H= =14 28 55.4, h=33km(ISC). M=4.2 ISC, 4.1 USCGS. Dc=79.1°. |
| 11 | eiP | 14 43 59 | Kurile Islands. Dc=76.7°. |
| 11 | eiP | 15 51 36.7 | C. Kurile Islands. MPV=5.1 Kašperské Hory. Dc=79.3°. PV:0.8s 16mμ. |
| 11 | eP | 16 21 06 | Kurile Islands 44.1°N 149.3°E, H= =16 09 03.3, h=46km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=79.5°. |
| 11 | e | 16 46 37 | |
| 11 | eiP | 17 24 12 | Kurile Islands. Dc=79.1°. |
| 11 | e | 18 15 12 | ei 15 41.7. |
| 11 | eP | 18 18 04.5 | Kurile Islands. 44.8°N 148.4°E, H= =18 06 04, h=33km(ISC). M=4.3 USCGS, 4.1 ISC. Dc=78.5°. |
| 11 | eP | 18 41 46.5 | Kurile Islands 43.9°N 149.3°E, H= =18 29 43.0, h=33km(ISC). M=4.6 USCGS, 4.3 ISC. Dc=79.5°. |
| 11 | eiP eiPcP | 20 56 23.7 56 36 | Kurile Islands. Dc=79.2°. |
| 11 | eP | 23 04 33 | Kurile Islands 44.1°N 149.6°E, H= =22 52 26.8, h=33km(ISC). M=5.3 USCGS, 4.6 ISC. Dc=79.5°. |
| 11 | e | 23 32 26 | ei 32 46.4. |
| 12 | eiP | 00 33 00.5 | Kurile Islands. Dc=79.0°. |

| Date | Phase | h m s | Remarks |
|------|---------------------|--------------------------------|---|
| 12 | eiPg | 00 59 42 | D=1.6°. eiSg 01 00 03.6. |
| 12 | eiP | 02 15 07.5 | Kurile Islands. Dc=79.2°. |
| 12 | eiP ei | 03 21 50 22 03.7 | Kurile Islands. Dc=79.5°. |
| 12 | eiPg eiSg | 05 13 40.7 14 02.5 | D=1.6°. |
| 12 | eiP | 05 20 47.5 | Kurile Islands. Dc=79.0°. |
| 12 | eiP iPcP eiPP | 05 40 29 40 43. 42 23.7 | Kurile Islands. MPV=4.9 Kašperské Hory. Dc=78.9. PV:1.2s 13mμ. |
| 12 | iP iPcP | 05 53 02 53 15.7 | C. Kurile Islands. MPV=5.9 Kašperské Hory. Dc=79.4°. PV:1s 95mμ. |
| 12 | iP ei | 06 15 36.5 16 23.5 | C. Kurile Islands. MPV=5.6 Kašperské Hory. Dc=79.4°. PV:1s 46mμ. |
| 12 | ei | 06 29 13 | |
| 12 | iP | 06 58 29.7 | C. Kurile Islands. MPV=5.2 Kašperské Hory. Dc=79.4°. PV:1s 19mμ. |
| 12 | eiP | 07 09 02.3 | Kurile Islands 44.3°N 148.8°E, H= =06 56 59.0, h=33km(ISC). M=4.4 USCGS, 4.2 ISC. Dc=79.1°. |
| 12 | eiPKP | 07 11 24.3 | Tonga Islands. Dc=151.1°. |
| 12 | eiP | 08 03 16.5 | C. Kurile Islands. Dc=79.3°. |
| 12 | eiP | 08 14 00.5 | Kurile Islands. Dc=79.5°. |
| 12 | eiPg eiSg Im | 09 01 50.7 02 07.2 02 16 | Explosion of 14 Tons. Dc=134km. |
| 12 | e | 10 56 14 | ei 56 41.7. |
| 12 | eSg | 11 45 20.5 | Im 45 23. |

| Date | Phase | h m s | Remarks |
|------|--------------------------------------|---|--|
| 12 | ePg eiSg Lm | 12 48 50 48 13.5 48 36 | D=1.8°. |
| 12 | e | 14 44 18 | |
| 12 | iP | 18 54 41.5 | C. Kurile Islands. MPV=5.2 Kašperské Hory. Dc=79.2°. PV:1s 19mμ. |
| 12 | eiP ei | 18 57 47.2 58 16 | Kurile Islands. MPV=5.6 Kašperské Hory. Dc=79.4°. PV:1s 48mμ. |
| 12 | eiP ei | 19 03 50.4 06 53.7 | Chile-Bolivia. Dc=100.7°. |
| 12 | ei | 19 07 52.7 | |
| 12 | eiP | 19 24 44 | |
| 12 | iP | 22 28 48.4 | C. Kurile Islands. Dc=79.2°. |
| 13 | eiPg eiSg Lm | 02 26 47.5 27 07 27 10 | D=1.5°. |
| 13 | iP iPcP | 02 32 54.8 33 07 | C. Kurile Islands. MPV=5.5 Kašperské Hory. Dc=79.3°. PV:1s 40mμ. |
| 13 | eP | 04 29 33 | Afghanistan. Dc=43.6°. |
| 13 | e | 06 59 23 | eiSg 59 42. |
| 13 | iP i ei eiPP ei ei(S) | 07 18 18 18 27.7 20 55 21 21.2 23 25.6 28 26 | C. Japan. MPV=6.1 Kašperské Hory. Dc=79.4°. PV:2s 333mμ. |
| 13 | ePn ei eiSg | 14 57 23 58 17.5 58 22.5 | Poland. D=3.5°, Dc=3.6°. |
| 13 | eiP | 18 09 48.7 | C. Kurile Islands. Dc=79.3°. |
| 13 | iP i eiS Qm | 20 05 34.0 05 38 08 52.7 11 39 | D. Turkey. Dc=16.0°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|-------------------------------|--|
| 14 | eiP | 07 43 55 | Atlantic Indian Ridge. Dc=92.9°. |
| 14 | eiP | 09 52 24.5 | Off Coast of Oregon. Dc=81.2°. |
| 14 | eiP | 10 09 37.7 | Kurile Islands. Dc=78.7°. |
| 14 | e | 12 43 58.7 | eiSg 44 14. |
| 14 | e | 12 54 28 | eiSg 54 43.5. |
| 14 | eiP | 13 26 43 | Tibet. Dc=56.5°. |
| 14 | eiP ei | 16 57 22.2 57 35.8 | D. Central Mid-Atlantic Ridge. MPV=5.2 Kašperské Hory. Dc=59.2°. PV:1.2s 29mμ. |
| 14 | eiPg eiSg | 22 07 59 08 20.8 | D=1.6°. |
| 14 | eiPg eiSg | 22 12 09.8 12 31.7 | D=1.6°. |
| 15 | eiP | 01 10 10 | C. Kamchatka. Dc=73.7°. |
| 15 | eiP | 01 57 16.5 | C. Aleutian Islands. Dc=79.2°. |
| 15 | eiP ei | 04 58 24 59 31 | D. Aleutian Islands. MPV=5.4 Kašperské Hory. Dc=80.3°. PV:1.2s 54mμ. |
| 15 | e | 07 33 09.5 | |
| 15 | eiP | 08 09 47 | India-China. Dc=63.2°. |
| 15 | e | 09 03 08 | Lm 03 22. |
| 15 | eiPKIKP eiPKP2 | 09 40 24 41 17.2 | New Zealand Region. Dc=163.9°. |
| 15 | eiSg | 10 11 38 | |
| 15 | e | 10 13 12 | ei 13 43. |
| 15 | e eiSg Lm | 11 59 49 12 00 05 00 13 | |
| 15 | e | 12 15 53 | eiSg 16 08.5, Lm 16 13. |

| Date | Phase | h m s | Remarks |
|------|--------------------|------------------------------|--|
| 15 | eiP | 13 04 15.2 | C. Kurile Islands. MPV=5.1 Kašperské Hory. Dc=79.1°. PV:0.9s 16m μ . |
| 15 | ePKIKP | 13 11 43 | Kermadec Islands 27.2°S 176.0°W, H= =12 51 49.5, h=25km(ISC). M=5.0 USCGS, Dc=156.5°. |
| 15 | eiP | 13 21 24 | C. Kurile Islands. MPV=5.0 Kašperské Hory. Dc=79.4°. PV:0.8s 11m μ . |
| 15 | eiP | 13 30 49.2 | Kurile Islands. Dc=79.4°. |
| 15 | eiP ei | 14 31 02.5 32 11.2 | Kurile Islands. Dc=79.2°. |
| 15 | eP | 15 26 56.3 | Aleutian Islands 52.3°N 175.0°E, H= =15 15 02.4, h=54km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=77.7°. |
| 15 | eiP | 16 19 14 | Kurile Islands. Dc=80.2°. |
| 15 | ePg eiSg | 16 26 13 26 27.5 | D=1.1°. |
| 15 | eiP ei | 16 49 41 51 49 | Gulf of Aden. Dc=46.8°. |
| 15 | eiP ei | 19 14 16 14 29.7 | C. Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=79.3°. PV:1s 16m μ . |
| 15 | eiPKIKP ei | 23 30 09.5 30 20 | D. New Hebrides Islands. Dc=147.6°. |
| 16 | eiPKIKP | 04 14 33.8 | Eastern Island Cordillera. Dc=137.9°. |
| 16 | eiSg | 04 59 47.8 | Lm 59 53. |
| 16 | eiP | 05 10 23 | Japan. Dc=89.3°. |
| 16 | ePKP2 | 06 28 04 | Kermadec Islands 29.1°S 176.8°W, H= =06 07 35.8, h=54km(ISC). M=4.6 ISC, 4.5 USCGS. Dc=158.3°. |
| 16 | eiP | 07 52 33.5 | Kurile Islands. MPV=5.1 Kašperské Hory. Dc=79.4°. PV:0.9s 16m μ . |
| 16 | eiPg eiSg Lm | 11 51 17 51 30.2 51 37 | Explosion of 5.9 Tons. Dc=102km. |

| Date | Phase | h m s | Remarks |
|------|--------------------|------------------------------|--|
| 16 | e | 12 43 31 | eiSg 43 59. |
| 16 | eiSg | 13 47 58.5 | |
| 16 | ePg eiSg Lm | 15 34 56 34 14 34 25 | D=1.4°. |
| 16 | e | 16 11 03 | |
| 17 | eiPg eiSg Lm | 02 05 24 05 46 05 52 | D=1.6°. |
| 17 | eiP | 03 02 12 | Turkey. Dc=16.1°. |
| 17 | eiP | 03 52 42 | Eastern Kazakhstan. MPV=5.0 Kašperské Hory. Dc=40.8°. PV:1s 35m μ . |
| 17 | eiPKIKP | 04 38 27.8 | New Hebrides Region. Dc=147.6°. |
| 17 | eiPg eiSg | 05 56 41 57 02.8 | D=1.6°. |
| 17 | eSg | 06 01 10 | Lm 01 18. |
| 17 | eiP | 10 56 03.2 | C. Ryukyu Islands. MPV=5.3 Kašperské Hory. Dc=84.0°. PV:1.2s 25m μ . |
| 17 | ePKIKP eiPKP2 | 11 11 35.8 12 19 | Kermadec Islands. Dc=162.0°. |
| 17 | eSg | 12 03 11 | |
| 17 | e | 12 53 53 | eiSg 54 05. |
| 17 | e | 14 57 40 | |
| 17 | eiPg eiSg | 18 35 53.5 36 15 | D=1.6°. |
| 17 | eiP | 19 17 03.2 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=77.9°. PV:1.4s 28m μ . |
| 17 | eiP ei ei | 20 24 32 24 38.4 25 37 | Tibet. Dc=56.6° |

| Date | Phase | h m s | Remarks |
|------|--------------------|--------------------------------|--|
| 18 | eP | 01 28 19 | Tibet. Dc=56.5°. |
| 18 | e | 04 55 43 | ei 56 00.5. |
| 18 | e | 05 52 06 | |
| 18 | eiP | 08 28 16 | Burma-India. Dc=65.2°. |
| 18 | ePg eiSg | 09 00 38.3 00 59.8 | D=1.6°. |
| 18 | eSg | 09 35 18 | Lm 35 32. |
| 18 | eiSg | 11 05 07 | |
| 18 | e | 11 17 08 | |
| 18 | eiPg eiSg Lm | 11 29 02.5 29 11.2 29 15 | Explosion of 15.6 Tons. Dc=66km. |
| 18 | e | 11 50 50 | |
| 18 | e | 12 21 25 | Lm 21 29. |
| 18 | e | 12 44 48.5 | |
| 18 | eiP | 13 56 20.4 | Persia. MPV=4.9 Kašperské Hory. Dc= =34.6°. PV:1.2s 19mμ. |
| 18 | eiP eipP | 22 58 35.5 59 04.5 | Peru. Dc=96.5°. |
| 18 | eiP | 23 10 43.7 | Japan Dc=84.5°. |
| 18 | eiPKIKP | 23 31 57.5 | Tonga Islands 19.6°S 174.8°W, H= =23 12 19.8, h=125km(ISC). M=4.4 ISC, USCGS. Dc=149.7°. |
| 19 | iP i | 06 50 04.0 50 15.7 | C. Aleutian Islands. MPV=5.7 Kašperské Hory. Dc=77.2°. PV:1s 71mμ. |
| 19 | eiSg | 10 32 22.8 | Lm 32 27. |
| 19 | ePg | 10 36 27.8 | D=1.1°. eiSg 36 42.5. |

| Date | Phase | h m s | Remarks |
|------|-----------------|--------------------------------|--|
| 19 | eP | 12 37 08 | Eastern Caucasus 42.9°N 46.5°E, H= =12 32 01.8, h=62km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=23.6°. |
| 19 | eiP | 13 01 48.5 | Kamchatka. MPV=5.3 Kašperské Hory. Dc= =73.7°. PV:1s 32mμ. |
| 19 | eiPKP | 15 49 47.5 | Tonga Islands. Dc=150.5°. |
| 19 | ePg | 17 53 36 | D=1.6°. eiSg 53 58.2. |
| 19 | eiP | 18 39 56 | Kurile Islands 44.0°N 149.1°E, H= =18 27 51.2, h=33km(ISC). M=3.9 USCGS, 3.8 ISC. Dc=79.4°. |
| 19 | eiP | 21 27 41.3 | C. Kurile Islands. MPV=5.2 Kašperské Hory. Dc=78.9°. PV:1s 21mμ. |
| 20 | iP | 02 09 26.5 | C. Kurile Islands. MPV=6.1 Kašperské Hory. Dc=78.9°. PV:1.2s 212mμ. |
| 20 | eiSg | 09 52 47 | |
| 20 | eiSg | 12 12 55 | |
| 20 | eiP | 16 39 48 | Gulf of Aden. Dc=46.8°. |
| 20 | eiP ei ei | 18 16 54 16 58.8 18 09.5 | Oregon. Dc=81.6°. |
| 20 | eP | 19 59 04 | Kurile Islands 44.3°N 149.4°E, H= =19 47 05.1, h=78km(ISC). M=5.4 USCGS, 4.2 ISC. Dc=79.2°. |
| 21 | iP ei eiS | 00 28 36.0 30 41 34 30 | C. Southern Persia. MPV=6.1 Kašperské Hory. Dc=38.5°. PV:1.2s 437mμ. |
| 21 | eiP | 01 37 54.5 | Iran 28.3°N 55.9°E, H=01 30 39.3, h= =64km(ISC). M=5.0 USCGS, 4.9 ISC, MPV= =4.9 Kašperské Hory. Dc=38.4°. PV: 1.1s 29mμ. |
| 21 | e | 06 43 56.5 | ei 44 25. |

| Date | Phase | h m s | Remarks |
|------|-----------------------------|---|---|
| 21 | eiP ei ei | 11 21 41.5 21 48 23 41 | D. Tanzania 4.1°S 35.1°E, H=11 12 03.2, h=24km(ISC). M=5.1 ISC, MPV=4.9 Kašperské Hory. Dc=56.2°. PV:0.8s 11mμ. |
| 21 | eiPg eiSg Lm | 12 23 31.5 23 39.5 23 44 | D=68km. |
| 21 | e | 12 38 23 | ei 38 34. |
| 21 | e | 13 33 26 | eSg 33 51. |
| 21 | ei | 15 04 30.8 | |
| 21 | ei | 18 02 03 | ei 02 11.5. |
| 21 | e | 22 39 04.5 | ei 39 27, ei 39 50.8. |
| 22 | eiSg | 01 50 55 | Lm 50 58. |
| 22 | eiP ei ei ei ei | 05 57 53.5 58 20 58 31 06 00 13 00 21.8 | C. Kashmir. MPV=5.0 Kašperské Hory. Dc=47.5°. PV:1s 13mμ. |
| 22 | ePg eiSg Lm | 10 06 26.8 06 46 06 50 | D=1.5°. |
| 22 | ePg | 10 46 00 | |
| 22 | ePKIKP | 12 17 05 | New Hebrides 21.1°S 173.4°E, H=11 57 23.3, h=33km(ISC). M=4.5 ISC, Dc=147.6°. |
| 22 | ePKIKP ei | 13 32 59.7 33 19.5 | New Hebrides Islands. Dc=147.7°. |
| 22 | ePg eiSg | 14 51 42 52 00.5 | D=1.4°. |
| 23 | eiP ei | 00 01 35.5 01 51.4 | Philippine Islands. Dc=97.4°. |
| 23 | iP ei eiPP eiPPP | 11 20 50 23 04.8 23 39 25 31 | C. Kodiak Island. MPV=5.2 Kašperské Hory. Dc=74.0°. PV:1s 27mμ. |

| Date | Phase | h m s | Remarks |
|------|-----------------------------|---|---|
| 23 | eiP ei | 12 14 20.5 14 28.2 | Alaska 56.8°N 152.6°W, H=12 02 46.6, h=26km(ISC). M=4.8 USCGS, 4.5 ISC. Dc=73.8°. |
| 23 | eiP ei | 12 34 58.4 35 08 | Alaska 56.6°N 152.7°W, H=12 23 23.8, h=29km(ISC). M=5.2 ISC, 4.7 USCGS, Dc=74.0°. |
| 23 | e | 12 47 50 | eiSg 48 07.5. |
| 23 | e | 12 58 10 | eiSg 58 44. |
| 23 | e | 14 06 40 | eiSg 06 44. |
| 23 | e | 14 25 32 | eiSg 25 36. |
| 24 | e | 11 30 08 | ei 30 17. |
| 24 | e | 12 39 29 | ei 39 37.8. |
| 24 | ei | 12 48 15.4 | ei 48 39. |
| 24 | eiPKIKP eiPKP i ei | 14 28 11.3 28 19.2 28 31 29 15.2 | D. Fiji Islands. Dc=153.3°. |
| 24 | eP ei | 18 12 11.5 12 23 | Kurile Islands. Dc=78.4°. |
| 24 | eiP | 23 21 19.1 | Philippine Islands. Dc=85.5°. |
| 25 | eiPg eiSg | 08 43 22.8 43 43.8 | D=1.6°. |
| 25 | eSg | 12 41 44 | Lm 41 47. |
| 25 | e | 13 58 22 | Lm 58 26. |
| 25 | eSg | 16 01 31.5 | Lm 01 34. |
| 25 | e | 16 51 26 | |
| 25 | e | 21 55 47 | Lm 55 54. |
| 25 | e | 23 18 32 | Lm 18 34. |

| Date | Phase | h m s | Remarks |
|------|--------------------|-----------------------------------|---|
| 26 | e | 10 17 35 | eiSg 17 56, Lm 17 59. |
| 26 | ePg eiSg Lm | 11 26 33 26 50 27 17 | D=1.3°. |
| 26 | eiPg eiSg Lm | 12 59 49.8 13 00 09.4 00 16 | D=1.5°. |
| 26 | e | 13 12 39 | eiSg 12 56.6, Lm 13 01. |
| 26 | ePg | 17 00 16 | Japan 29.7°N 130.5°E, H=16 47 54.6, h= =71km(ISC). M=4.9 ISC, 4.8 USCGS. Dc= =83.5°. |
| 27 | eiP | 01 16 17.7 | Nicobar Islands. Dc=76.9°. |
| 27 | ei | 10 03 32 | ei 03 55.3. |
| 27 | iP ei | 11 20 03.7 20 48.5 | C. Alaska. MPV=4.3 Kašperské Hory. Dc= =69.0°. PV:1s 27mμ. |
| 27 | eiP ei | 11 33 09 33 16.3 | Japan. Dc=84.0°. |
| 27 | iP ei eiPP | 11 48 35.2 48 51.3 51 47 | C. Taiwan. MPV=5.5 Kašperské Hory. Dc= =83.3°. PV:1.2s 35mμ. |
| 27 | eiPg eiSg Lm | 13 46 16.4 46 35.5 46 52 | D=1.5°. |
| 27 | eiP | 14 57 38.2 | Aleutian Islands 52.0°N 176.6°E, H= =14 45 42.5, h=48km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=78.2°. |
| 27 | eiP | 19 55 51 | Japan. Dc=83.9°. |
| 27 | eiP ei | 22 12 08.7 12 16.8 | D. Japan. MPV=5.2 Kašperské Hory. Dc= =84.3°. PV:1s 16mμ. |
| 28 | ei | 02 57 19 | |
| 28 | eiP ei ei | 03 52 32.3 53 14 54 09 | New Ireland Region. Dc=124.3°. |

| Date | Phase | h m s | Remarks |
|------|----------------------------|---|---|
| 28 | eP | 04 02 15.3 | ei 06 05. |
| 28 | e | 04 15 03 | |
| 28 | e | 10 14 34 | eiSg 14 42.4, Lm 14 48. |
| 28 | eSg | 12 41 25 | Lm 41 31. |
| 28 | e | 12 58 09.5 | ei 58 30.2. |
| 28 | eP | 15 57 17 | Taiwan 23.7°N 121.6°E, H=15 44 55.2, h= =42km(ISC). M=5.6 USCGS, 5.2 ISC. Dc= =83.4°. |
| 28 | iPKIKP i | 18 16 27.8 16 37.0 | D. Tonga Islands. Dc=150.3°. |
| 29 | eiPn iPg iSn iSg | 00 44 32.7 44 41.8 45 09.6 45 19.8 | Germany. D=3°, Dc=3.0°. |
| 29 | iP i | 02 16 25.5 16 40.8 | C. Kurile Islands. MPV=5.9 Kašperské Hory. Dc=79.0°. PV:1.2s 112mμ. |
| 29 | eiPn eiPg eiSn ei | 02 23 42 24 12.8 24 46.3 25 16.8 | Italy. D=5.8°, Dc=5.1°. |
| 29 | iP | 04 32 58 | C. North Atlantic Ridge. MPV=5.2 Kašper- ské Hory. Dc=22.7°. PV:1.5s 136mμ. |
| 29 | e | 08 50 55.6 | ei 51 00.4. |
| 29 | eSg | 12 22 59 | Lm 23 06. |
| 29 | e | 12 38 41 | eiSg 39 14. |
| 29 | eiPg eiSg Lm | 14 28 17.5 28 26.8 28 33 | Explosion of 33 Tons. Dc=77km. |
| 29 | e ei | 15 32 29.5 32 46 | |
| 29 | eiP ei ei | 15 44 36.0 44 46.8 45 11 | Crete. Dc=17.6°. |

| Date | Phase | h m s | Remarks |
|------|------------------------|---|--|
| 29 | eiP | 16 13 00.2 | Kurile Islands. Dc=78.8°. |
| 29 | e | 17 04 10 | ei 04 25.2. |
| 29 | ePg eiSg | 17 36 25.5 36 48 | D=1.7°. |
| 29 | eiP | 17 38 51.3 | |
| 30 | ePP ei | 03 11 44.5 12 07.5 | Molucca Sea. Dc=106.1°. |
| 30 | e | 05 22 24 | |
| 30 | eiSg | 06 30 16.5 | Lm 30 23. |
| 30 | iP iPcP ei ei | 08 45 28.6 45 41.8 47 55.8 48 27 | C. Aleutian Islands. MPV=5.8 Kašperské Hory. Dc=78.4°. PV:1.2s 87mμ. |
| 30 | e | 09 00 30 | eiSg 00 43. |
| 30 | e eiSg Lm | 10 21 20 21 35.2 21 49 | Explosion of 9.5 Tons. Dc=108km. |
| 30 | e | 10 44 19.5 | |
| 30 | eiP ei | 12 48 13.5 48 22.8 | C. Kamchatka. MPV=5.6 Kašperské Hory. Dc=73.8°. PV:1s 64mμ. |
| 30 | e | 13 13 12 | Lm 13 20. |
| 30 | e | 14 02 31 | eiSg 02 53.8. |
| 30 | e | 14 28 59 | eiSg 29 21.8. |
| 30 | eiP ei | 17 22 49.5 23 09.5 | Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=78.4°. PV:1.2s 19mμ. |

Seismic observations of the station Cheb

January - June 1965

J. Nykles

Instruments:

- I = Seismograph Mainka, mass 450kg, component N, mechanic registration.
- II = Seismograph Belar - Zlatorog, mass 1kg, magnetic damping, component E, photographic registration.
- III = Modified seismograph Wood - Anderson, mass 4g, magnetic damping, component N, photographic registration.

Station coordinates: $\varphi = 50^{\circ}04'46''N$, $\lambda = 12^{\circ}22'34''E$.

Elevation: h = 430m.

Lithologic foundation: tertiary layers 20m, phyllits.

| Instrument | Compt. | T_o (s) | V_o | $\epsilon:1$ |
|------------|--------|-----------|-------|--------------|
| I | N | 12.5 | 114 | 7.3 |
| II | E | 10 | 138 | 2 |
| III | N | 4 | 1400 | 2.3 |

| Date | Phase | h m s | Remarks |
|------|------------------------------------|---|----------------------------------|
| 1 | eiSg | 19 10 30 | Autriche. Dc=3.2°. |
| 1 | eiP i | 21 42 08.3 42 30.5 | Algeria. Dc=15.6°. |
| 5 | eiPKP ei | 18 25 44 26 06 | Tonga Islands. Dc=151.2°. |
| 10 | eiP ei ei | 02 54 48 55 12.5 57 21 | Roumania. Dc=9.7°. |
| 10 | ePKP i ei | 13 55 35 58 19 14 00 57 | New Hebrides Islands. Dc=137.8°. |
| 10 | eP e | 20 11 47 13 19 | Yougoslavia. Dc=8.5°. |
| 12 | eiP e | 13 42 29 43 00 | Nepal. Dc=60.3°. |
| 24 | eP ePP e eSKS ei ei | 00 25 29 29 57 34 21 36 23 36 51 39 53 | Ceram Sea. Dc=106.8°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------------------|--|-------------------------------------|
| 1 | eiPKP | 05 45 53 | Tonga Islands. Dc=148.7°. |
| 3 | ei ei | 01 22 25 23 07 | Yugoslavia. Dc=7.7°. |
| 4 | eiPKP | 03 44 38 | South of Australia. Dc=147.1°. |
| 4 | eP ePP ei ei eL Lm | 05 13 25 16 47 21 59 24 33 37 06 11 | Aleutian Islands. Dc=78.6°. |
| 4 | eiP ei | 08 52 36 53 48 | Aleutian Islands. Dc=76.6°. |
| 4 | eiP | 12 17 47 | Aleutian Islands. Dc=76.3°. |
| 4 | eP | 16 03 03 | Aleutian Islands. Dc=75.9°. |
| 5 | eiP ei | 09 43 54 44 54 | Aleutian Islands. Dc=76.9°. |
| 5 | eP | 20 59 01 | Aleutian Islands. Dc=77.5°. |
| 5 | eP | 22 27 52 | Aleutian Islands. Dc=78.1°. |
| 6 | iP ei eiPP eiS Lm | 01 52 20 52 46 55 11 02 02 09 34 | South of Alaska. D=78°, Dc=76.9°. |
| 6 | eP | 04 14 39 | Aleutian Islands. Dc=77.5°. |
| 6 | eiP ei eiS | 17 02 16 03 03 12 04 | South of Alaska. D=77.5°, Dc=77.6°. |
| 7 | eiP | 02 28 59 | Aleutian Islands. Dc=77.9°. |
| 7 | eiP | 04 23 08 | Aleutian Islands. Dc=77.4°. |
| 8 | eiP eiPP | 15 58 10 16 00 57 | Aleutian Islands. Dc=72.7°. |

| Date | Phase | h m s | Remarks |
|------|-----------------|----------------------------|------------------------------|
| 9 | e e | 20 42 20 44 53 | Ionian Islands. Dc=14.3°. |
| 11 | eiPKP | 02 53 00 | Tonga Islands. Dc=151.1°. |
| 11 | eP | 04 51 33 | Ascension Islands. Dc=56.0°. |
| 12 | eP | 00 55 15 | Aleutian Islands. Dc=77.9°. |
| 12 | eiP e | 01 06 52 09 14 | Aleutian Islands. Dc=77.6°. |
| 14 | eP | 19 42 20 | Greenland Sea. Dc=23.3°. |
| 23 | eP e eSKS | 22 25 52 29 43 36 28 | Chile. D=104°, Dc=104.2°. |
| 25 | eiP | 05 34 00 | Aleutian Islands. Dc=77.0°. |

| Date | Phase | h m s | Remarks |
|------|--|---|------------------------------------|
| 1 | eP ei | 21 44 43 44 57 | Mexico. Dc=87.8°. |
| 1 | eiPKP | 22 10 51 | Fiji Islands. Dc=151.5°. |
| 9 | eiP ei Lm | 18 00 58 01 08 06 30 | Aegean Sea. Dc=13.5°. |
| 13 | eP Lm | 04 12 43 17 30 | Aegean Sea. Dc=13.6°. |
| 14 | iP ei ipP eiPP isPP eiS | 16 00 45.0 01 07.5 01 31.5 02 32 03 41 06 58 | Hindu Kush. D=44°, Dc=43.5°. |
| 16 | eiP ei | 16 58 16.5 17 00 07 | Japan. Dc=79.7°. |
| 22 | eiPKP | 03 04 16 | Tonga Islands. Dc=145.0°. |
| 24 | ePKP e | 00 13 35 14 12 | Tonga Islands. Dc=145.2°. |
| 27 | ePg iSg | 03 12 47 13 21.5 | Germany. D=2.8°, Dc=2.9°. |
| 28 | ei eiSKS eiSKKS eiPS | 16 52 02 58 10 59 10 17 01 48 | Central Chile. Dc=110.4°. |
| 29 | e ei e | 10 59 48 11 00 43 10 02 | P int.min. Japan. Dc=79.7°. |
| 30 | ePKP e | 00 40 56 42 10 | Tonga Islands. Dc=149.9°. |
| 30 | eiP eiPP eiS ei Lm | 02 39 03 42 19 49 03 49 47 03 18 | Aleutian Islands. D=80°, Dc=79.3°. |
| 31 | eP e | 09 50 27 51 03 | Greece. Dc=13.5°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------|--------------------------------------|--|
| 4 | eP | 13 42 37 | Aleutian Islands. Dc=77.3°. |
| 5 | eiP ei ei Lm | 03 16 08 16 53 18 45 22 | Greece. Dc=14.0°. |
| 10 | eiP i eiS Lm | 00 00 56.0 01 13 04 12 07.2 | Crete. D=18°, Dc=17.2°. |
| 10 | eiPKP ei | 22 51 33 52 30 | Fiji Islands. Dc=146.7°. |
| 11 | eiPKP1 eiPKP2 e | 00 31 08 32 10 36 15 | New Zealand. Dc=164.8°. |
| 16 | eiP | 23 32 58 | Alaska. Dc=65.5°. |
| 19 | eiP | 23 54 15 | Japan. Dc=82.7°. |
| 29 | eiP | 15 40 18.5 | Washington. D=78°, Dc=75.4°. |
| | | | Note: Since May 1 st the operation of the station Cheb has been suspended because of the very high noise level. |

Seismic observations of the station BRATISLAVA

January - June 1965

T.Galanová, A.Weihsová, I.Bochníčková

Instruments:

Seismograph Krumbach, components N, E, mass 4kg, photographic registration, magnetic damping: vertical component, electro - dynamic system, galvanometric registration.

Station coordinates: $\varphi = 48^{\circ}10.1'N$, $\lambda = 17^{\circ}06.3'E$.

Elevation: $h = 270m$.

Lithologic foundation: granit.

Constants 1965

Bratislava

| Instrument | Component | T_1 | T_2 | σ^2 | D_1 | D_2 | V_{max} |
|----------------------|-----------|-------|-------|------------|-------|-------|-----------|
| Krumbach modified | N | 10 | 1.2 | 0.2 | 0.475 | 2.25 | 1800 |
| | E | | | | | | |
| | Z | 2.1 | 2.0 | 0.3 | 0.3 | 1.0 | 2200 |

| Date | Phase | h m s | Remarks |
|------|--|--|--|
| 1 | eiPg i ei ei eiSg ei eiL i | 19 09 07.9 09 08.8 09 13.9 09 18.4 09 20.5 09 21.4 09 22.6 09 23.4 | Austria (BCIS). D=1°, Dc=0.8°. |
| 1 | eiP e eiPP ei e L Lm | 21 41 13.8 41 24 41 45.5 41 55.8 45 20 47.5 49.5 | Algeria (ISC). Dc=15.7°. |
| 5 | eiPKP1 | 18 25 44 | Tonga Islands(ISC). Dc=150.9°. |
| 6 | eiP | 18 39 12.5 | Alaska (ISC). Dc=72°. |
| 10 | iPn | 02 54 05.3 | Rumania (ISC). Dc=6.9°. |
| 10 | eiPKIKP | 13 55 43.7 | New Hebrides Islands (ISC). Dc=137.1°. |
| 10 | iPn eiPx eiPg ei eiSg ei eiL ei Lm | 20 11 19.5 11 23.1 11 45 12 21 12 46.5 12 54 12 58.8 13 03 13 35 | Yugoslavia (ISC). D=4.7°, Dc=4.9°. |
| 11 | epPKP | 11 58 00 | Fiji Islands 21.3°S 179.1°W, H= =11 36 52, h=642km(USCGS). Dc=149.8°. |
| 12 | ePKP1 | 05 01 00 | Tonga Islands (ISC). Dc=52.2°. |
| 12 | eiP | 13 42 13 | Nepal (ISC). Dc=57.6°. |
| 15 | iP | 06 07 32.5 | Eastern Kazakh (ISC). Dc=39.6°. |
| 15 | eP | 23 51 10 | Traces. Algeria (ISC). Dc=15.6°. |
| 17 | ePKP | 08 39 23 | Tonga Islands (ISC). Dc=146.0°. |
| 17 | ePKIKP | 09 20 37 | Tonga Islands (ISC). Dc=147.0°. |

| Date | Phase | h m s | Remarks |
|------|---|--|------------------------------------|
| 17 | epPKP | 11 04 20 | Fiji Islands (ISC). Dc=154°. |
| 18 | e | 10 07 44 | |
| 23 | iPn iPx iPg ei eiSn eiSb1 ei ei(Sg) L | 02 40 27.1 40 31.6 40 43.6 40 52.6 41 10.6 41 22.6 41 28.6 41 40.6 41 58 | Yugoslavia (ISC). D=3.8°, Dc=3.8°. |
| 24 | eP | 00 25 18.3 | Ceram Sea (ISC). Dc=104.3°. |
| 26 | eiPn eSn ei | 11 57 18.3 58 02.5 58 25 | Yugoslavia (ISC). D=2.9°, Dc=2.9°. |
| 28 | ePg | 23 12 40 | Bulgaria (ISC). Dc=7.0°. |
| 29 | eiP | 09 46 55 | Kamchatka (ISC). Dc=73.2°. |

| Date | Phase | h m s | Remarks |
|------|---|--|--|
| 1 | eiPKP | 05 45 58 | West of Tonga (ISC). Dc=149°. |
| 2 | eiP | 16 04 40 | Tadzhikistan (ISC). Dc=41.7°. |
| 4 | ePKP1 | 03 44 32.5 | South of Australia (ISC). Dc=143.8°. |
| 4 | iP eiPcP eiS eiPPS | 05 13 28.1 13 35.6 23 25 24 22 | Aleutian Islands (ISC). D=79°, Dc=79.7°. |
| 4 | eiP Lm | 08 52 47 09 33 | Aleutian Islands (ISC). Dc=79.7°. |
| 4 | iP eiPP iS eiPPS eiSS Lm | 12 17 59 20 59 27 52.6 28 31.6 32 33.6 50 | Aleutian Islands (ISC). D=79°, Dc=77.2°. |
| 4 | iP eiPP eiS eiPS eiSS | 14 30 16.3 33 12.3 40 09.3 40 46.8 45 21.3 | Aleutian Islands (ISC). D=78°, Dc=76.8°. |
| 4 | iP iPP eiS | 16 03 15.2 06 07.2 13 03.2 | Aleutian Islands (ISC). D=78°, Dc=76.7°. |
| 4 | eiP | 17 20 59 | |
| 4 | eiP | 19 54 19 | North Atlantic Ridge (ISC). Dc=61.5°. |
| 5 | eiP | 00 54 26 | Aleutian Islands (ISC). Dc=77.9°. |
| 5 | eiP | 06 51 50 | Aleutian Islands 51.7°N 174.8°E, H= =06 39 49.2, h=25km. M=5.6(ISC). Dc= =78.6°. |
| 5 | i(P) eiPP eiS | 09 44 18 47 05 54 26 | Aleutian Islands (ISC). Dc=78.0°. |
| 5 | eiP | 12 50 01.7 | |
| 5 | eiP | 13 50 53.7 | Aleutian Islands (ISC). Dc=78.3°. |

| Date | Phase | h m s | Remarks |
|------|---|--|---|
| 5 | eiP | 14 20 22.7 | Aleutian Islands (ISC). Dc=78.6°. |
| 5 | e | 18 28 17.5 | Traces. |
| 5 | eiP | 19 12 48 | Aleutian Islands (ISC). Dc=78.0°. |
| 5 | eiP | 20 59 09 | Aleutian Islands. Dc=78.5°. |
| 5 | eiP | 22 28 03 | Aleutian Islands (ISC). Dc=79.2°. |
| 6 | iP eiPP eiS eiPPS | 01 52 35.7 55 28 02 02 24.7 03 10 | South of Alaska (ISC). D=80°, Dc=79.1°. |
| 6 | eiP | 04 14 52 | Aleutian Islands (ISC). Dc=78.5°. |
| 6 | iP | 07 26 43 | Aleutian Islands (ISC). Dc=78.1°. |
| 6 | eiP | 08 58 50 | Aleutian Islands (ISC). Dc=78.4°. |
| 6 | e | 11 00 37 | |
| 6 | eiP | 12 34 26 | Aleutian Islands (ISC). Dc=78.7°. |
| 6 | eiP | 14 23 09.5 | Aleutian Islands (ISC). Dc=78.4°. |
| 6 | iP eiPP eiS eiPS eiSS Lm | 17 02 30.2 05 33 12 30.2 13 06 17 44 47 | D. South of Alaska (ISC). Dc=78°. |
| 6 | eiP | 18 22 30 | Aleutian Islands (ISC). Dc=79.0°. |
| 6 | eiP | 18 54 33 | Aleutian Islands (ISC). Dc=79.2°. |
| 7 | eiP | 02 29 10 | Aleutian Islands (ISC). Dc=78.8°. |
| 7-10 | | | The instrument out of operation. |
| 14 | eiP | 19 42 47 | Greenland (ISC). Dc=25.5°. |
| 14 | eP | 21 29 29 | Aleutian Islands (ISC). Dc=77.9°. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 15 | eP | 01 37 15.5 | Aleutian Islands (ISC). Dc=79.9°. |
| 15 | eP | 12 42 20 | Central Russia (ISC). Dc=39.6°. |
| 16 | iP | 12 36 26.7 | C. Japan (ISC). Dc=80.4°. |
| 19 | eiP | 19 04 53 | Aleutian Islands (ISC). Dc=79.8°. |
| 21 | iPKP1 | 11 33 53.5 | Tonga Islands (ISC). Dc=146.2°. |
| 23 | e | 22 29 50 | Near Coast of Northern Chile (ISC). Dc= =107°. |
| 25 | iP | 05 34 12 | Aleutian Islands (ISC). Dc=78.0°. |
| 26 | eiPKP | 05 55 45 | West of Tonga (ISC). Dc=149.0°. |
| 26 | eP | 23 48 30 | Trace. Northern Colombia 6.8°N 73°W, H=23 36 12.7, h=158km. M=5.5(ISC). Dc= =85.1°. |
| 27 | eiP | 11 35 33.7 | Algeria (ISC). Dc=25.8°. |

| Date | Phase | h m s | Remarks |
|------|----------------------------------|---|--|
| 1 | iP | 19 34 00 | D. Aleutian Islands (ISC). Dc=78.1°. |
| 1 | eiP | 21 45 06 | Mexico-Guatemala (ISC). Dc=91.2°. |
| 2 | eP | 09 39 32 | Kermadec Islands (ISC). Dc=156.0°. |
| 2 | eP | 22 02 52 | D. E. N. Turkey (ISC). Dc=12.5°. |
| 3 | iP | 16 59 18.5 | Aleutian Islands (ISC). Dc=76.8°. |
| 5 | iP | 13 54 42.5 | Aleutian Islands (ISC). Dc=78.2°. |
| 5 | iP | 18 11 09.5 | Aleutian Islands (ISC). Dc=78.1°. |
| 5 | eP | 23 41 12.5 | Aleutian Islands (ISC). Dc=76.8°. |
| 7 | eiPKIP | 02 03 02.5 | Kermadec Region (ISC). Dc=158.6°. |
| 7 | eiP | 07 50 31.5 | Western Gulf of Aden (ISC). Dc=43.4°. |
| 9 | iP eiS | 18 00 18.2 02 51 | C.N.W. Aegean Sea (ISC). D=11.4°, Dc= =10.1°. |
| 9 | eP | 18 40 21 | Aegean Sea (ISC). Dc=10.2°. |
| 9 | eP | 19 49 26 | Aegean Sea (ISC). Dc=10.3°. |
| 9 | eP | 21 23 00 | Aegean Sea (ISC). Dc=10.5°. |
| 9 | eP | 22 21 39 | Aegean Sea (ISC). Dc=10.3°. |
| 9 | eP | 22 37 42 | Aegean Sea (ISC). Dc=10.2°. |
| 10 | eP | 01 38 33 | Aegean Sea (ISC). Dc=10.3°. |
| 12 | eSS | 20 23 44 | Southern Italy (ISC). Dc=9.4°. |
| 13 | eP | 04 11 23.5 | Aegean Sea (ISC). Dc=10.3°. |
| 14 | iP eiPP eiPPP eiS LQ | 16 00 26.7 02 08.7 03 11.7 06 20 09.5 | C.S.W.. Hindu Kush (ISC). Dc=40.6°. |

| Date | Phase | h m s | Remarks |
|-------|--|--|---|
| 16 | | | The instrument out of operation. |
| 17 | e | 13 30 44 | Near. |
| 17 | eiP | 14 39 18.5 | Aleutian Islands (ISC). Dc=77.2°. |
| 18 | ePKP | 06 41 35 | Fiji Islands region 20°S 176°W, H= =06 22 02, h=151km(USCGS). Dc=149.9°. |
| 20 | | | The instrument out of operation. |
| 21 | e | 11 29 00 | Molucca Sea (ISC). Dc=104°. Trace. |
| 22 | eiPKP ₂ | 03 04 44 | Tonga Islands (ISC). Dc=146° |
| 22-25 | | | The instrument out of operation. |
| 25 | iSg Lm | 09 01 07 01 09 | Relative time. |
| 30 | iP ei eiPP eiPPP eiS eiPS LR Lm | 02 39 14.8 39 31 42 29.8 44 19 49 31 50 04 03 09 19 | D.N.E. Aleutian Islands (ISC). Dc=80.5°. |
| 31 | iP eiPP eiS | 09 49 43.1 49 51 51 50 | C.W.N. Greece (ISC). Dc=10.5°. |

| Date | Phase | h m s | Remarks |
|-------|-----------------------------------|---|--|
| 5 | iP ei ei ei eiS Lm | 03 15 30.1 15 39 16 01 16 35 17 39 19 00 | Greece (ISC). D=11°, Dc=11.0°. |
| 5 | eP | 14 04 10 | Kurile Islands (ISC). Dc=79.2°. |
| 8 | eiP | 13 55 47 | Aleutian Islands (ISC). Dc=78.0°. |
| 8 | eiSg Lm | 15 38 47 38 51 | |
| 10 | eiP i iS ei Lm | 00 00 19 00 29.4 03 14.5 03 32.5 05.6 | Crete (ISC). D=15.9°, Dc=14.2°. |
| 10 | eiPKKP | 22 51 26 | Fiji Islands (ISC). Dc=147.1°. |
| 11 | iSg Lm | 12 15 13.4 15 15.4 | |
| 15 | e | 11 51 37 | |
| 16 | iP eiS | 23 33 15.6 42 15.6 | Alaska (ISC). D=68.8°, Dc=67.5°. |
| 19 | eiP | 23 54 31.4 | Japan (ISC). Dc=82.0°. |
| 20 | eiP | 06 55 20 | Aleutian Islands (ISC). Dc=77.5°. |
| 22 | eiP | 18 48 21.5 | C. Aleutian Islands (ISC). Dc=78.6°. |
| 24-27 | | | The instrument out of operation. |
| 27 | eP | 14 12 27 | Trace. Crete (ISC). Dc=13.4°. |
| 29 | iP eiPcP ei eiS Lm | 15 40 40.5 40 58.5 45 42 50 34.5 16 14 | D. N. W. Washington (ISC). D=78°, Dc= =78.5°. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 1 | eiP | 21 39 11.4 | C. Alaska (ISC). Dc=71.0°. |
| 4 | eiP | 08 42 52.7 | C. Kirgiziya-Siankiang (ISC). Dc=43.2°. |
| 4-31 | | | Station out of operation. |

| Date | Phase | h m s | Remarks |
|------|--|--|--|
| 1-10 | | | Instrument out of operation. |
| 11 | eiP eiPcP eiPP ei eiPS | 03 45 43 46 01 48 26 55 55 56 18 | Kurile Islands (ISC). Dc=78.5°. |
| 11 | e | 14 00 04 | |
| 13 | eiP eiS | 07 18 11 28 11 | Japan (ISC). Dc=78.8°. |
| 13 | eiP eiPP ei ei(S) ei Lm | 20 05 01 05 27.5 05 58 08 09.5 08 40 14.5 | Turkey (ISC). MLH=5.2 Bratislava. Dc= =13.6°. LmH:6s 5μ. |
| 17 | Lm | 03 08.5 | Turkey (ISC). Dc=13.7°. |
| 20 | eiS | 00 08 14 | Kurile Islands 44.6°N 149.2°E, H= =19 47 00.4, (USCGS). Dc=78.5°. |
| 27 | ePP | 11 54 44 | Taiwan (ISC). Dc=91°. |
| 29 | eLm | 04 37 50 | North Atlantic Ridge (ISC). Dc=15°. |

Seismic observations of the station ŠROBÁROVÁ

January - June 1965

T.Galanová, A.Weihsová, I.Bochníčková

Instruments:

Electrodynamic seismograph VEGIK, components N, E, Z, magnetic damping, galvanometric registration.

Station coordinates: $\varphi = 47^{\circ}48.8'N$, $\lambda = 18^{\circ}18.8'E$.

Elevation: $h = 150m$.

Lithologic foundation: Bed of sand.

Constants 1965

Šrobárová

| Instrument | Compt. | T_1 | T_2 | σ^2 | D_1 | D_2 | V_{max} |
|------------|--------|-------|-------|------------|-------|-------|-----------|
| VEGIK | N | 10 | 1.9 | 0.2 | 0.475 | 2.25 | 1800 |
| | E | 10 | 1.9 | 0.2 | 0.475 | 2.25 | 1800 |
| | Z | 10 | 1.9 | 0.2 | 0.475 | 2.25 | 1800 |

| Date | Phase | h m s | Remarks |
|------|---|---|--|
| 1 | iPn iPg ei eiSn eiSg ei ei eiL | 19 09 17.5 09 21 09 30.5 09 39 09 44 09 48.5 09 53 10 03.5 | Austria (BCIS). Dc=1.6°. |
| 1 | eiP iPP L | 21 42 15.6 42 25 49 | Algeria (ISC). Dc=15.9°. |
| 2 | ePP | 14 01 42 | Mariana Islands (ISC). Dc=98.7°. |
| 2 | e | 18 15 26 | |
| 5 | eiPKIKP iPKP2 | 18 25 45 25 51.5 | Tonga Islands (ISC). Dc=151.5°. |
| 5 | ePKP1 | 23 19 53.6 | Samoa Islands (ISC). Dc=145.8°. |
| 6 | ei | 15 35 26.5 | Near. |
| 6 | eiP | 18 39 15 | Alaska (ISC). Dc=72.3°. |
| 7 | e | 09 46 37 | Trace. |
| 7 | eP | 10 25 22 | Dodecanese Islands (ISC). Dc=12.6°. |
| 7 | e | 11 34 50 | Near. |
| 7 | e | 11 37 01 | Near. |
| 9 | eiP | 13 46 02.4 | Philippine Islands (ISC). Dc=93.0°. |
| 10 | iPn | 02 53 54.2 | D.E. Rumania (ISC). Dc=6.0°. |
| 10 | eiPKIKP | 13 55 50.5 | New Hebrides Islands (ISC). Dc=136.7°. |
| 10 | iPn eiSg ei | 20 11 16.6 12 51 12 01 | Yugoslavia (ISC). Dc=4.7°. |
| 11 | ei | 11 57 28.4 | |
| 11 | eP | 20 26 00 | Japan (ISC). Dc=75.6°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------------|---|---------------------------------------|
| 11 | iP | 22 58 46 | Kurile Islands (ISC). Dc=75.8°. |
| 12 | eiPKP | 05 00 59.5 | Tonga Islands (ISC). Dc=151.4°. |
| 12 | iP | 13 42 08.8 | Nepal (ISC). Dc=56.8°. |
| 12 | eiP | 14 05 04 | Nepal (ISC). Dc=56.5°. |
| 14 | eiPg ei | 13 02 18.6 02 26.6 | |
| 15 | eiP | 00 41 28 | Afghanistan (ISC). Dc=39.9°. |
| 15 | eP | 23 51 15 | Algeria (BCIS). Dc=15.9°. |
| 17 | eiPKP i | 08 39 22 39 36.6 | Tonga Islands (ISC). Dc=146.0°. |
| 17 | eiPKP | 09 20 38.1 | Tonga Islands. Dc=147.0°. |
| 17 | e | 11 04 24 | Fiji Islands (ISC). Dc=153.8°. |
| 21 | eiPKP | 02 24 25 | Tonga Islands (ISC). Dc=146.9°. |
| 22 | e | 05 54 12 | |
| 23 | iPn | 02 40 25 | Yugoslavia (ISC). Dc=2.8°. |
| 23 | e | 03 43 03.5 | Near. |
| 23 | eiP | 22 03 27 | Japan (ISC). Dc=81.3°. |
| 23 | eiP | 22 10 41 | Northwestern Kashmir (ISC). Dc=41.6°. |
| 24 | eiPS ei Im | 00 40 17 44 42.5 01 14.5 | Ceram Sea (ISC). Dc=103.3°. |
| 24 | eP | 22 44 18 | Greenland Sea (ISC). Dc=25.8°. |
| 26 | iPn ei eiSn eiSg ei ei | 11 57 23.5 57 37.2 57 54 58 06.2 58 16 58 34 | Yugoslavia (ISC). D=2.5°, Dc=2.8°. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---------------------------------|
| 26 | eP | 14 19 49 | |
| 26 | eiP | 23 59 35.3 | Japan (ISC). Dc=81.7°. |
| 28 | e | 12 17 55 | Near. |
| 28 | e | 12 18 46 | Near. |
| 28 | e | 17 18 55 | Near. |
| 28 | eiPn | 23 12 14.5 | Bulgaria (ISC). Dc=6.3°. |
| 29 | iP | 09 46 55.5 | Kamchatka (ISC). Dc=73.1°. |
| 30 | eiP | 16 01 27 | Kurile Islands (ISC). Dc=76.6°. |
| 31 | ei | 10 19 32.9 | |

| Date | Phase | h m s | Remarks |
|------|-----------------|-----------------------|--|
| 1 | eiPKP eipPKP | 05 45 57.7 47 50.5 | West of Tonga (ISC). Dc=148.3°. |
| 1 | eiPg | 13 49 58.5 | |
| 2 | iPKP | 10 17 51.5 | Fiji Islands (ISC). Dc=151.8°. |
| 2 | iP | 16 04 33 | Tadzhikistan (ISC). Dc=40.5°. |
| 3 | eiPn | 01 19 52.5 | Yugoslavia. (ISC)- Dc=4.8°. |
| 3 | ei | 09 35 35 | |
| 3 | eP | 10 46 05 | |
| 4 | ePKIKP | 03 44 43 | South of Australia (USCGS)- Dc=143.1°. |
| 4 | eiP | 05 13 27.9 | Aleutian Islands (USCGS). Dc=80.2°. |
| 4 | iP | 07 23 29.9 | |
| 4 | iP | 07 26 59.9 | |
| 4 | eiP | 07 34 12 | |
| 4 | iP | 08 52 57.9 | |
| 4 | ei | 10 56 14 | Near. |
| 4 | ei | 11 37 33.9 | Near. |
| 4 | eiP | 11 39 26.5 | |
| 4 | e | 11 45 00 | Trace. |
| 4 | eiP | 12 10 10 | |
| 4 | iP | 12 17 57.9 | Aleutian Islands (USCGS). Dc=79.2°. |
| 4 | ei | 12 31 45 | Near. |
| 4 | iP | 13 03 00.4 | |
| 4 | eP | 13 19 30 | |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 4 | ei | 13 35 37.5 | Near. |
| 4 | eiP | 13 41 58 | |
| 4 | iP | 14 30 19.4 | Aleutian Islands (USCGS). Dc=76.9°. |
| 4 | iP | 16 03 14.9 | Aleutian Islands (USCGS). Dc=76.9°. |
| 4 | eiP | 16 40 19.5 | |
| 4 | eiP | 16 44 35.5 | |
| 4 | eiP | 17 16 43 | |
| 4 | ei | 17 47 40.4 | Near. |
| 4 | eiP | 18 02 44 | Aleutian Islands (ISC). Dc=80.5°. |
| 4 | eiP | 18 25 52 | Aleutian Islands (ISC). Dc=72.2°. |
| 4 | iP | 18 46 22.9 | Aleutian Islands (ISC). Dc=79.7°. |
| 4 | eiP | 18 51 34 | Aleutian Islands (ISC). Dc=78.6°. |
| 4 | eiP | 18 59 20.9 | |
| 4 | eiPP | 19 13 28 | Aleutian Islands (ISC). Dc=78.2°. |
| 4 | ei | 19 20 16 | Near. |
| 4 | iP | 19 54 24.4 | North Atlantic Ridge (USCGS). Dc=62.6°. |
| 4 | eiP | 20 06 42 | Aleutian Islands (ISC). Dc=78.8°. |
| 4 | eiP | 20 09 52 | Aleutian Islands (ISC). Dc=78.6°. |
| 4 | iP | 20 44 28.5 | Aleutian Islands (ISC). Dc=78.9°. |
| 4 | eiP | 20 59 25.5 | Aleutian Islands (ISC). Dc=79.7°. |
| 4 | eiP | 21 36 16 | Aleutian Islands (ISC). Dc=79.6°. |
| 4 | eiP | 21 41 41 | Aleutian Islands (ISC). Dc=78.6°. |
| 4 | iP | 22 42 07 | Aleutian Islands (ISC). Dc=78.4°. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|-----------------------------------|
| 5 | eiP | 00 34 30 | |
| 5 | iP | 00 44 08 | Aleutian Islands (ISC). Dc=78.8°. |
| 5 | eP | 01 18 21 | Aleutian Islands (ISC). Dc=78.4°. |
| 5 | eP | 02 40 30 | Aleutian Islands (ISC). Dc=78.2°. |
| 5 | eiP | 02 45 39.5 | Aleutian Islands (ISC). Dc=78.2°. |
| 5 | eiP | 03 10 42 | Aleutian Islands (ISC). Dc=79.6°. |
| 5 | eiP | 03 14 49 | Aleutian Islands (ISC). Dc=78.8°. |
| 5 | iP | 13 50 46 | Aleutian Islands (ISC). Dc=77.3°. |
| 5 | iP | 14 03 47 | Aleutian Islands (ISC). Dc=78.2°. |
| 5 | iP | 14 20 24 | Aleutian Islands (ISC). Dc=78.4°. |
| 5 | eiP | 14 40 44.5 | Aleutian Islands (ISC). Dc=78.4°. |
| 5 | eP | 14 50 21 | Aleutian Islands (ISC). Dc=79.6°. |
| 5 | eiP | 18 28 09 | Aleutian Islands (ISC). Dc=78.4°. |
| 6 | iP | 07 26 43.6 | Aleutian Islands (ISC). Dc=78.2°. |
| 6 | | | The instrument out of operation. |
| 7 | iP | 02 29 11 | Aleutian Islands (ISC). Dc=78.2°. |
| 7 | eiP | 04 23 25 | Aleutian Islands (ISC). Dc=78.8°. |
| 7 | eiP | 04 47 52 | Aleutian Islands (ISC). Dc=78.6°. |
| 7 | iP | 06 10 57.5 | Aleutian Islands (ISC). Dc=78.6°. |
| 7 | iP | 08 52 06.6 | Aleutian Islands (ISC). Dc=78.6°. |
| 7 | ei | 09 52 59 | |
| 7 | eiP | 11 35 10.5 | Aleutian Islands (ISC). Dc=78.1°. |
| 7 | eiP | 11 57 59 | Aleutian Islands (ISC). Dc=80.0°. |

| Date | Phase | h m s | Remarks |
|------|---------|------------|--|
| 7 | iP | 12 33 14 | Aleutian Islands (ISC). Dc=77.1°. |
| 7 | eP | 13 32 53 | Aleutian Islands (ISC). Dc=79.7°. |
| 7 | iP | 17 25 05.6 | Aleutian Islands (ISC). Dc=78.2°. |
| 7 | eP | 19 40 42 | Komandorsky Islands (ISC). Dc=74°. |
| 8 | eiP | 10 38 05 | |
| 8 | eiP | 14 12 31.5 | |
| 8 | eP | 14 38 17 | |
| 8 | eiP | 15 58 23 | Komandorsky Islands region (ISC). Dc= =74°. |
| 8 | eiP | 17 48 58 | Komandorsky Islands region (ISC). Dc= =73.8°. |
| 9 | ei | 10 55 39 | |
| 9 | ei | 11 02 17.3 | Near. |
| 9 | eiPKIKP | 17 13 07.7 | Loyalty Islands (ISC). Dc=155.6°. |
| 9 | iP | 17 49 13.2 | Aleutian Islands (ISC). Dc=77.1°. |
| 9 | eP | 18 30 26 | Aleutian Islands (ISC). Dc=78.4°. |
| 9 | eiP | 20 41 10 | Ionian Sea (ISC). Dc=9.9°. |
| 9 | eiP | 23 23 26 | Aleutian Islands (ISC). Dc=78.2°. |
| 10 | eiP | 00 50 04 | Aleutian Islands (ISC). Dc=78.2°. |
| 10 | eiP | 02 20 32 | Aleutian Islands (ISC). Dc=79.2°. |
| 10 | eiP | 16 14 59.5 | Northwestern Iran (BCIS). Dc=23 1°. |
| 11 | iPKP | 02 53 03.4 | West of Tonga (ISC). Dc=151.5°. |
| 11 | eiP | 04 51 42 | North of Ascension Islands (ISC). Dc= =55.7°. |
| 11 | ei | 13 05 14.5 | Near |

| Date | Phase | h m s | Remarks |
|------|------------------|----------------------------------|--|
| 12 | eiP | 00 55 20 | Aleutian Islands (ISC). Dc=78.8°. |
| 12 | iP | 01 07 04.8 | D. Aleutian Islands (ISC). Dc=78.2°. |
| 12 | eP | 01 15 20 | Trace. Aleutian Islands (ISC). Dc=79.7°. |
| 12 | eP | 01 30 20 | Trace. Aleutian Islands (ISC). Dc=78.2°. |
| 12 | eiP | 01 47 52.5 | Aleutian Islands (ISC). Dc=78.2°. |
| 13 | eP | 01 01 59 | Iran-USSR border region (ISC). Dc=22.4°. |
| 14 | eiP | 15 48 43.5 | |
| 14 | eiP | 18 01 15 | Greenland Sea (ISC). Dc=25.9°. |
| 14 | eiP | 19 42 50 | Greenland (ISC). Dc=25.9°. |
| 14 | eiP | 21 29 31 | Aleutian Islands (USCGS). Dc=78.4°. |
| 15 | eiP | 01 37 16 | Aleutian Islands (USCGS). Dc=79.2°. |
| 15 | eiP | 05 13 35 | Aleutian Islands (ISC). Dc=78.2°. |
| 15 | eiP | 09 52 33.5 | Central Mid-Atlantic Ridge (ISC). Dc= =57.6°. |
| 15 | iP | 10 57 00.5 | Talaud Islands (ISC). Dc=99.6°. |
| 15 | iP | 12 42 55 | Central Russia (ISC). Dc=38.9°. |
| 16 | iP | 12 36 12.9 | C. Japan (USCGS). Dc=79.3°. |
| 16 | iPg iSg Lm | 14 04 42.8 04 47.1 04 56.3 | |
| 16 | eP | 20 54 00 | Trace. Hindu Kush (ISC). Dc=39.7°. |
| 17 | eiP | 10 30 52 | Aleutian Islands (ISC). Dc=78.9°. |
| 17 | eiP | 19 45 19.6 | Central Mid-Atlantic Ridge (ISC). Dc= =57.6°. |
| 18 | iP | 04 36 56 | Burma-India (ISC). Dc=62.5°. |

| Date | Phase | h m s | Remarks |
|------|---------------|----------------------------|--|
| 18 | ePP | 22 58 38 | Trace. Banda Sea (ISC). Dc=107.7°. |
| 18 | iP | 23 23 34.4 | Aleutian Sea (ISC). Dc=80.2°. |
| 19 | eiP | 03 36 48.8 | Aleutian Islands (ISC). Dc=78.6°. |
| 19 | eiP | 19 04 50 | Aleutian Islands (ISC). Dc=80.2°. |
| 20 | eiP | 10 32 02.6 | |
| 20 | eiP | 20 56 08 | |
| 21 | eP | 04 50 40 | Kurile Islands (ISC). Dc=77.6°. |
| 21 | iPKIKP | 11 33 53.5 | Tonga Islands (USCGS). Dc=146°. |
| 22 | eiP | 09 26 51.5 | Aleutian Islands (ISC). Dc=78.4°. |
| 23 | eiPn | 02 32 19 | Yugoslavia (ISC). Dc=4.1°. |
| 23 | eiP | 22 29 24 | Near coast of Northern Chile (ISC). Dc=108.4°. |
| 24 | e ei Im | 13 05 16 05 29 05 36 | |
| 24 | eiP | 21 05 51.2 | Aleutian Islands (ISC). Dc=78.4°. |
| 24 | e | 22 35 33 | Trace. |
| 25 | eP | 10 44 32 | Burma-India (ISC). Dc=63.0°. |
| 25 | e | 12 21 49 | Near. |
| 26 | eiP | 01 43 30.5 | Persia (ISC). Dc=32.1°. |
| 26 | eiPKP | 05 02 15.5 | West of Tonga (ISC). Dc=147.1°. |
| 26 | eiPKP | 05 55 45 | West of Tonga (ISC). Dc=149°. |
| 26 | eP | 23 48 37.5 | Northern Colombia (USCGS). Dc=85.8°. |
| 27 | iP | 11 35 35 | Algeria (USCGS). Dc=26°. |
| 28 | ePg | 00 29 18 | Yugoslavia (ISC). Dc=2.9°. |

| Date | Phase | h m s | Remarks |
|------|---------|-------------------|--|
| 1 | e Lm | 13 04 56 05 13 | |
| 1 | iP | 19 34 02.8 | Aleutian Islands (ISC). Dc=78.4°. |
| 1 | eP | 21 45 13 | Mexico-Guatemala (ISC). Dc=92.7°. |
| 1 | eiP | 22 10 57.3 | |
| 2 | epPKP1 | 09 40 02 | Kermadec Islands (ISC). Dc=155.6°. |
| 2 | eiP | 22 03 08.5 | Turkey (BCIS). Dc=12.1°. |
| 3 | eiPKP | 03 37 07.5 | Kermadec Islands (ISC). Dc=155.6°. |
| 3 | eiPKP | 14 58 59.5 | Kermadec Islands (ISC). Dc=155.6°. |
| 3 | eiPKIKP | 15 33 01 | New Britain Region 5.4°S 151.9°E, H= =15 14 09.3, h=33km(ISC). Dc=121.9°. |
| 3 | eiP | 16 59 17 | Aleutian Islands (ISC). Dc=76.9°. |
| 3 | eiP | 17 51 25 | |
| 3 | eiP | 19 25 43 | California (ISC). Dc=86.2°. |
| 3 | iP | 19 39 13.5 | |
| 4 | eP | 02 13 34 | Aleutian Islands (ISC). Dc=78.9°. |
| 4 | e | 04 26 47 | |
| 4 | e | 11 32 50 | Near. |
| 4 | e | 16 19 57 | Near. |
| 8 | i | 08 26 46.3 | Near. |
| 8 | eiPKIKP | 19 42 13.3 | Loyalty Islands (ISC). Dc=146.2°. |
| 9 | eiPKP | 01 55 44 | Fiji Islands region (ISC). Dc=146.8°. |
| 9 | iPn | 18 00 10 | C.N.W. Aegean Sea (ISC). Dc=9.8°. |
| 9 | eiPn | 18 40 09 | Aegean Sea (ISC). Dc=9.8°. |

| Date | Phase | h m s | Remarks |
|-------|---------------|-----------------------|---------------------------------------|
| 9 | ePn | 19 49 25 | Aegean Sea (ISC). Dc=9.8°. |
| 9 | ePn | 21 22 23 | Aegean Sea (ISC). Dc=9.8°. |
| 9 | ePn | 22 37 21 | Aegean Sea (ISC). Dc=9.8°. |
| 10 | e | 00 09 36 | |
| 10 | eiPn | 01 38 22.3 | Aegean Sea (ISC). Dc=9.8°. |
| 10-12 | | | The instrument out of operation. |
| 13 | eiPKP | 14 13 28 | Fiji Islands region (ISC). Dc=149.8°. |
| 13 | e | 15 47 24 | |
| 14 | e | 06 05 49 | Traces. |
| 14-15 | | | The instrument out of operation. |
| 15 | eiP | 08 37 58 | Aleutian Islands (ISC). Dc=79.1°. |
| 15 | e | 12 53 51 | Traces. |
| 16 | iP | 02 23 04 | South Atlantic Ridge (ISC). Dc=76.0°. |
| 16 | iP | 16 58 19 | Japan (ISC). Dc=79.1°. |
| 17 | ePg | 02 34 07 | Central Italy (ISC). Dc=6.1°. |
| 17 | eiP | 13 06 35 | |
| 17 | iP | 14 39 08.5 | Aleutian Islands (ISC). Dc=77.3°. |
| 18 | e | 18 58 59 | Near. |
| 18 | ei | 19 04 27 | Near. |
| 19 | ei | 04 37 30.5 | |
| 19 | eiP | 12 05 05 | Japan (ISC). Dc=79.2°. |
| 19 | eiP | 16 34 28 | Celebes (ISC). Dc=99.1°. |
| 19 | iPKP iPKP2 | 17 55 58.4 56 04.5 | Fiji Islands (ISC). Dc=148.8°. |

| Date | Phase | h m s | Remarks |
|------|--|--|--|
| 19 | eP | 23 37 15 | |
| 21 | ei | 19 29 34 | |
| 22 | iPKIKP | 03 04 23.9 | Tonga Islands (ISC). Dc=146.2°. |
| 22 | eiPn | 03 24 43 | Aegean Sea (ISC). Dc=9.6°. |
| 22 | ei i | 23 14 57.8 15 44.5 | |
| 23 | eiPn | 02 42 40 | Adriatic Sea 43.2°N 15.8°E, H=02 41 22.9 (ISC). Dc=5.0°. |
| 23 | eiPKP | 18 35 42 | Tonga Islands (ISC). Dc=146.2°. |
| 24 | eiPKP | 00 13 42 | Tonga Islands (ISC). Dc=146.3°. |
| 24 | iPn eiP _x eiP _b eiX ₂ e | 11 17 04.5 17 07 17 09.2 17 12.6 17 14.6 | |
| 24 | eiPKIKP | 17 50 44.5 | Loyalty Islands (ISC). Dc=145.3°. |
| 25 | e | 08 44 41 | |
| 25 | Im | 09 03 00 | |
| 25 | ei | 23 56 20.5 | Tonga Islands (ISC). Dc=146.2°. |
| 26 | iPKP eiPKP2 | 00 39 40.8 39 49 | West of Tonga (ISC). Dc=149.3°. |
| 26 | iP | 20 32 46 | Turkey (ISC). Dc=14.4°. |
| 27 | eSg | 22 38 36 | Italy (ISC). Dc=4.0°. |
| 28 | e | 08 48 55.5 | Trace. |
| 28 | iP | 13 34 26.2 | Kamchatka (ISC). Dc=72.9°. |
| 28 | eiP | 13 48 54 | |
| 28 | eP eiPP | 16 47 45 52 33 | Central Chile (ISC). Dc=112.8°. |

| Date | Phase | h m s | Remarks |
|------|--------------|-----------------------|--|
| 29 | iP | 10 50 40.3 | |
| 30 | eiPKP | 00 40 51.5 | Tonga Islands (ISC). Dc=150.8°. |
| 30 | eiP | 02 39 16.5 | D.N.E. Aleutian Islands (ISC). Dc=80.7°. |
| 30 | eiP eiPcP | 16 11 36.5 11 48.5 | Japan (ISC). Dc=79.0°. |
| 30 | eiP | 19 13 18 | Kurile Islands region (ISC). Dc=76.8°. |
| 31 | eiPn | 08 28 14 | Hungary (ISC). Dc=1.7°. |
| 31 | iPn | 09 49 48 | C.W.N. Greece (ISC). Dc=9.9°. |
| 31 | eiPn | 20 10 40 | Aegean Sea (ISC). Dc=8.8°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------|---------------------------------------|---|
| 1 | ePn eiL | 20 29 27 29 48 | Austria (Vienna). Dc=1.6°. |
| 1 | ePKP | 21 40 30 | Easter Island Cordillera (ISC). Dc= =149.0°. |
| 2 | iP | 22 34 54 | Hindu Kush Region (ISC). Dc=36.9°. |
| 3 | eiP | 02 50 00 | Aleutian Islands (ISC). Dc=78.8°. |
| 3 | ePg | 08 32 38 | Yugoslavia (ISC). Dc=3.7°. |
| 3 | eiPP | 11 37 54 | Mexico (ISC). Dc=94.9°. |
| 3 | eiP | 14 33 07 | Greece (ISC). Dc=9.7°. |
| 4 | iP | 13 42 38.9 | Aleutian Islands (ISC). Dc=78.8°. |
| 4 | ePKIKP | 15 56 03 | Kermadec Islands (ISC). Dc=156.4°. |
| 4 | ePKP ₂ | 16 30 29.5 | Kermadec Islands (ISC). Dc=156.4°. |
| 4 | eP | 20 23 04 | Brazil (ISC). Dc=98.3°. |
| 5 | iP | 03 15 22.3 | Greece (ISC). Dc=10.4°. |
| 5 | iPg iSg L Lm | 10 56 03 56 06.8 56 16 56 26 | |
| 5 | iP | 14 04 10.8 | Kurile Islands (IDC). Dc=79.1°. |
| 6 | iP | 03 30 50.7 | Aleutian Islands (ISC). Dc=78.1°. |
| 6 | eiP | 09 56 03 | Northern Celebes (ISC). Dc=98.2°. |
| 6 | eP | 11 51 26 | |
| 6 | eiP | 22 02 21 | Kurile Islands (ISC). Dc=77.9°. |
| 7 | iPKP iPKP ₂ | 18 07 45.6 07 52 | Fiji Islands Region (ISC). Dc=149.9°. |
| 8 | e | 12 00 35 | |

| Date | Phase | h m s | Remarks |
|------|------------------------------|-----------------------|---|
| 8 | eiPKP | 13 10 08.4 | West of Tonga (ISC). Dc=147.1°. |
| 8 | eiP | 13 55 51.4 | Aleutian Islands (ISC). Dc=78.2°. |
| 8 | eiP | 14 43 10.4 | Aleutian Islands (ISC). Dc=78.2°. |
| 9 | eiPKP ₂ | 11 06 08 | Kermadec Islands (ISC). Dc=160.7°. |
| 10 | iP | 00 00 10.5 | Crete (ISC). Dc=13.5°. |
| 10 | eP | 14 19 03 | Tadzhikistan (ISC). Dc=41.0°. |
| 10 | iP | 17 06 50.4 | Aleutian Islands (ISC). Dc=76.9°. |
| 10 | eiPKIKP | 20 03 02.5 | Samoa Islands (ISC). Dc=147.2°. |
| 10 | eiP | 21 28 52 | Afghanistan (ISC). Dc=40.3°. |
| 10 | iPKIKP | 22 51 26.5 | Fiji Islands (ISC). Dc=147.4°. |
| 10 | eipPKIKP | 23 13 57.5 | New Hebrides (ISC). Dc=138°. |
| 11 | eiPKIKP iPKP ₂ | 00 31 09.5 31 56.9 | New Zealand (ISC). Dc=162.3°. |
| 11 | ePg | 12 15 27 | |
| 11 | eiPKIKP | 13 45 41 | Tonga Islands (ISC). Dc=152.1°. |
| 11 | eiPKIKP | 19 10 22.7 | C. Fiji Islands (ISC). Dc=154.3°. |
| 11 | eiP | 22 43 09.7 | C. India (ISC). Dc=60.9°. |
| 12 | eiP | 04 11 23.5 | Kodiak Islands (ISC). Dc=75.3°. |
| 12 | eiP | 04 48 21.5 | C. Aleutian Islands (ISC). Dc=79.5°. |
| 12 | e | 13 26 43 | |
| 12 | eiP | 17 46 28.5 | Aleutian Islands 51.3°N 178.0°E, H= =17 34 23 h=35km(ISC). Dc=80.0°. |
| 12 | ePn | 19 15 58 | Rumania (ISC). Dc=6.2°. |
| 12 | ePKP ₂ | 20 46 31 | Kermadec Islands (ISC). Dc=159.4°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|----------------------|--|
| 12 | eiP | 20 53 09 | Japan (ISC). Dc=86.0°. |
| 12 | ePKIKP | 21 47 35.5 | Kermadec Islands (ISC). Dc=160.7°. |
| 13 | e | 10 11 25.5 | |
| 13 | e | 19 21 12 | |
| 13 | e | 13 03 14 | |
| 13 | ePKP ₁ | 17 42 48 | Tonga Islands (ISC). Dc=156.0°. |
| 13 | eiP | 17 57 11 | Kamchatka (ISC). Dc=75.0°. |
| 13 | eiP | 18 07 43.5 | Aleutian Islands (ISC). Dc=80.0°. |
| 13 | eiP | 23 34 56.5 | Unimak Island (ISC). Dc=78.6°. |
| 14 | eiPg Im | 19 36 22.5 26 | Poland (ISC). Dc=2.2°. |
| 15 | eP | 05 21 45 | Taiwan (ISC). Dc=81.1°. |
| 15 | eiPKP | 23 59 39.5 | Tonga Islands (ISC). Dc=148.9°. |
| 16 | eiPKP | 00 35 47.5 | Tonga Islands (ISC). Dc=151.8°. |
| 16 | eiP | 14 46 12.2 | Aleutian Islands (ISC). Dc=79.9°. |
| 16 | iP | 23 33 18.5 | Alaska (ISC). Dc=67.5°. |
| 17 | eP | 00 01 39.5 | |
| 17 | eiP | 00 12 24.1 | Aleutian Islands (ISC). Dc=77.3°. |
| 17 | eiP | 05 56 12 | |
| 17 | e Im | 10 36 53.5 37 19 | |
| 17 | eP | 17 44 44 | |
| 18 | ePP ePS | 09 58 26 10 08 47 | South Sandwich Islands (ISC). Dc=113.6°. |
| 18 | eiPKIKP | 14 28 25 | Fiji Islands (ISC). Dc=156.4°. |

| Date | Phase | h m s | Remarks |
|------|--------------------|---------------------|--|
| 19 | i | 00 00 03.3 | |
| 19 | eiPg | 02 28 22.8 | Italy (ISC). Dc=4.7°. |
| 19 | eiP | 08 18 32.3 | Sumatra (ISC). Dc=82.3°. |
| 19 | eiPKIKP | 18 37 45.2 | C. Tonga Islands (ISC). Dc=147.1°. |
| 19 | iP | 23 54 14.2 | Japan (ISC). Dc=81.5°. |
| 20 | e | 12 11 17 | |
| 20 | e | 12 16 39 | |
| 20 | e | 17 22 17 | |
| 22 | eiPKIKP | 01 25 51.7 | New Celebes (ISC). Dc=137.4°. |
| 22 | eiP | 18 48 03 | Aleutian Islands (ISC). Dc=78.8°. |
| 24 | ePKP ₂ | 00 25 08 | Kermadec Islands (ISC). Dc=160.7°. |
| 24 | e | 15 10 52 | |
| 24 | eP | 15 48 15 | |
| 24 | eiP | 20 24 36 | Aleutian Islands (ISC). Dc=76.9°. |
| 25 | eiPKP ₂ | 00 45 52.5 | Kermadec Islands (ISC). Dc=160.7°. |
| 25 | eiP | 01 13 17.5 | Volcano Islands (ISC). Dc=92.2°. |
| 25 | eP | 10 10 02 | Lake Tanganyika (ISC). Dc=51.5°. |
| 25 | e | 15 45 00 | Aleutian Islands (ISC). Dc=79.4°. |
| 26 | eiP eiPcP | 02 08 42 08 52.5 | Golf of Alaska (ISC). Dc=72.5°. |
| 26 | e | 10 06 48 | Molucca Sea (ISC). Dc=104.8°. |
| 26 | eiPKP | 13 52 46 | Tonga Islands (ISC). Dc=150.5°. |
| 26 | eP | 14 41 44 | Atlantic-Indian Ridge 33.9°S 56.1°E, H=14 28 55.2, h=33km(ISC). Dc=88.2°. |

| Date | Phase | h m s | Remarks |
|------|--|--|--|
| 26 | eiP | 14 53 23 | |
| 26 | i | 20 42 05.3 | C. Alaska (ISC). Dc=77.6°. |
| 26 | iP | 22 28 04 | D. Taiwan (ISC). Dc=82.8°. |
| 27 | ePP | 11 13 16 | Banda Sea (ISC). Dc=109.7°. |
| 27 | eiP | 14 12 05 | Crete (ISC). Dc=12.5°. |
| 28 | Lm | 10 44 20.4 | Near. |
| 28 | iPg ei ei ei eiSg ei ei i Lm | 13 15 34.3 15 35.3 15 37.8 15 38.8 15 42.5 15 43.6 15 37.1 15 48.5 16 04 | |
| 28 | ePKP | 23 14 30 | Tonga Islands (ISC). Dc=147.7°. |
| 29 | eiP eiPcP | 15 40 43.9 40 48.5 | D.N.W. Washington State (ISC). Dc=79.4°. |
| 29 | eiPP | 16 05 24.9 | Java Sea (ISC). Dc=95.5°. |
| 29 | eiPKIKP | 16 30 57 | West of Tonga (ISC). Dc=145.2°. |
| 30 | e Lm | 10 58 36 58 41 | Near. |
| 30 | eP | 12 38 28 | |
| 30 | eP | 16 13 02 | Aleutian Islands (ISC). Dc=78.6°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------------------|---|-------------------------------------|
| 1 | eiP | 02 02 41.5 | Dodecanese Islands (ISC). Dc=12.6°. |
| 1 | e | 02 09 23.5 | |
| 1 | eiP | 02 28 13.5 | Japan (ISC). Dc=82.8°. |
| 1 | e | 15 40 51 | |
| 1 | iP | 21 39 13.3 | Alaska (ISC). Dc=70.8°. |
| 2 | eP | 00 16 03 | Japan (ISC). Dc=86.7°. |
| 2 | eiP | 09 16 46 | Sakhalin Island (ISC). Dc=69.9°. |
| 2 | eiP | 11 10 57 | Tonga Islands (ISC). Dc=149.8°. |
| 2 | eP | 22 36 23.5 | Crete (ISC). Dc=12.5°. |
| 3 | e | 14 28 08 | |
| 4 | eiP | 00 13 16.5 | |
| 4 | eiP | 08 42 40 | Kirgiziya-Sinkiang (ISC). Dc=43.1°. |
| 5 | eiP | 23 13 58.8 | Aleutian Islands (ISC). Dc=78.1°. |
| 6 | e | 15 50 27 | |
| 7 | ei ei L | 13 06 45 06 47 06 53 | Near. |
| 7 | eiPg e e e eiSg Lm | 16 44 50.5 44 52 44 54 44 56 44 59.3 45 04 | |
| 8 | eiP | 01 30 51 | Severnaya Zemlya (ISC). Dc=45.8°. |
| 8 | ei e ei e Lm | 08 30 35 30 44 30 51 30 53 31.7 | |

| Date | Phase | h m s | Remarks |
|------|-------------|-------------------|-------------------------------------|
| 9 | e | 10 55 56 | |
| 9 | ei | 18 30 32 | |
| 11 | eiP | 17 48 53 | Alaska (ISC). Dc=71.1°. |
| 11 | eiP | 22 37 30 | Rumania (ISC). Dc=6.2°. |
| 12 | ePKP | 10 52 16 | Banda Sea (ISC). Dc=108.9°. |
| 13 | ePKP2 | 21 11 02 | West of Tonga (ISC). Dc=151.5°. |
| 14 | eiPKP | 23 47 11 | West of Tonga (ISC). Dc=150.2°. |
| 15 | eiP | 21 13 19 | Aleutian Islands (ISC). Dc=78.2°. |
| 15 | ePKP | 23 52 26 | Tonga Islands (ISC). Dc=146.4°. |
| 16 | eP Lm | 01 39 18 39 34 | Dodecanese Islands (ISC). Dc=14.7°. |
| 16 | eiP | 11 33 49 | Turkey (ISC). Dc=18°. |
| 16 | eiP | 11 49 39 | Philippine Islands (ISC). Dc=98.1°. |
| 17 | iP | 17 31 46 | C.S.W. Taiwan (ISC). Dc=81.1°. |
| 17 | iP | 21 36 41 | Kurile Islands (ISC). Dc=77.8°. |
| 18 | iP | 01 15 31 | Madagascar (ISC). Dc=71.4°. |
| 18 | eiP | 07 13 31 | |
| 18 | eP | 10 35 13 | Gulf of Aden (ISC). Dc=43.6°. |
| 18 | iP eiPcP | 22 58 29 58 35 | Kurile Islands (ISC). Dc=78°. |
| 19 | ePKIKP | 03 20 03 | Solomon Islands (ISC). Dc=129.1°. |
| 19 | eiP | 22 19 18 | Aleutian Islands (ISC). Dc=78.6°. |
| 19 | e | 22 29 56 | |
| 19 | ei | 23 51 58 | West of Tonga (ISC). Dc=150.2°. |

| Date | Phase | h m s | Remarks |
|------|---|---|--|
| 20 | ePKIKP | 00 59 40 | New Hebrides Islands (ISC). Dc=138.3°. |
| 20 | eiP | 02 25 41 | Aleutian Islands (ISC). Dc=79.4°. |
| 20 | e | 10 33 20 | Trace. |
| 20 | e Lm | 13 00 52 01 | Near. |
| 20 | eiP | 14 19 17 | Sumatra (ISC). Dc=82.3°. |
| 20 | ePKP2 | 20 58 04 | New Zealand (ISC). Dc=159°. |
| 21 | eiPg ei ei ei eiSg L Lm | 07 56 03 56 08 56 09.5 56 13.5 56 17 56 19 56 22 | |
| 21 | eiPn ePg ei eiX ₁ ei eiX ₂ eiSn eiSg Lm | 13 07 12.3 07 16.3 07 17.3 07 21.5 07 22.8 07 25 07 34 07 38.8 08 | |
| 22 | eiP | 10 50 20 | West of Tonga (ISC). Dc=149.8°. |
| 22 | eiP | 16 20 28 | South Atlantic Ridge (ISC). Dc=68°. |
| 22 | ePg | 20 09 46 | Italy (ISC). Dc=6.9°. |
| 22 | eiP | 22 18 19.5 | |
| 23 | eiSn | 11 38 29 | Austria (Vienna). Dc=1.6°. |
| 23 | iP | 23 58 14.1 | Aleutian Islands (ISC). Dc=78.6°. |
| 24 | iP eiPcP | 23 34 13.7 34 23 | Philippine Islands (ISC). Dc=91.4°. |
| 25 | eiP | 13 19 57 | Aleutian Islands (ISC). Dc=80.2°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------------|--|--|
| 25 | ePKIKP | 18 54 06 | Fiji Islands (ISC). Dc=144.2°. |
| 26 | eiP | 14 03 09 | Iraq (ISC). Dc=23.6°. |
| 27 | e Lm | 17 32 59 32 07 | Near. |
| 27 | eP | 19 41 27 | Alaska (ISC). Dc=78.5°. |
| 27 | eP | 22 41 50 | Aleutian Islands (ISC). Dc=77.5°. |
| 28 | iP | 09 38 21.5 | Hindu Kush (ISC). Dc=39°. |
| 29 | eiPPP | 04 18 55 | Mediterranean Sea (ISC). Dc=13.3°. |
| 29 | e eiPg ei ei e L Lm | 09 51 09.7 51 11.5 51 15.5 51 16.7 51 20 51 23 51 32 | |
| 29 | ePg | 13 23 30 | Italy (ISC). Dc=6.1°. |
| 29 | eSg | 13 42 34 | Italy (ISC). Dc=6.1°. |
| 29 | eSg | 14 25 32 | Poland (ISC). Dc=2.2°. |
| 29 | eiPKP2 | 15 57 41 | South Pacific Cordillera (ISC). Dc=166.5°. |
| 29 | ePg | 17 11 13 | Italy (ISC). Dc=6.6°. |
| 31 | iP | 02 13 13.6 | Kashmir (ISC). Dc=46.7°. |
| 31 | eiPKP2 | 03 41 25.6 | Fiji Islands (ISC). Dc=152.4°. |
| 31 | iP | 08 50 14 | Japan (ISC). Dc=81.7°. |
| 31 | eiPg | 09 24 11.5 | Italy (ISC). Dc=6.1°. |
| 31 | e | 10 56 42 | |
| 31 | eSg | 11 18 33 | Italy (ISC). Dc=6.1°. |

| Date | Phase | h m s | Remarks |
|------|--------|----------|-----------------------------|
| 31 | ePKIKP | 11 57 14 | Banda Sea (ISC). Dc=109.8°. |
| 31 | ei | 15 43 17 | |
| 31 | eiP | 19 56 13 | |
| 31 | e | 20 41 43 | |
| 31 | e | 20 47 31 | Near. |
| 31 | e | 20 58 33 | Near. |
| 31 | e | 21 02 11 | Trace. |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 1 | eiP | 04 43 53 | Burma (ISC). Dc=66.6°. |
| 1 | iP | 08 01 41.5 | Nepal (ISC), Dc=52.8°. |
| 1 | e | 13 09 35.5 | Trace. |
| 1 | eP | 15 25 21 | Azores (ISC). Dc=33.9°. |
| 1 | ePKIKP | 18 44 45 | Tonga Islands (ISC). Dc=146.3°. |
| 2 | eiPKIKP iPKHKP | 05 31 46 31 53.5 | Fiji Islands (ISC). Dc=151.7°. |
| 2 | e | 12 46 11 | Trace. |
| 2 | iPKIKP | 15 04 30.8 | West of Tonga Islands (ISC). Dc=146.9°. |
| 2 | iPKIKP | 15 17 07.3 | West of Tonga Islands (ISC). Dc=147.0°. |
| 2 | iP | 23 50 40.2 | D.W.N. North Atlantic Ridge (ISC). Dc= =61.6°. |
| 3 | iP | 07 55 38.6 | Aleutian Islands (ISC). Dc=78.8°. |
| 3 | ei iPg ei ei ei eiSg L | 10 52 19.5 52 21.3 52 22.6 52 24.5 52 26.7 52 28.3 52 31 | |
| 3 | eiP | 11 08 53 | Dominican Republic (ISC). Dc=75.7°. |
| 3 | eP | 18 34 00 | Aegean Sea (ISC). Dc=8.8°. |
| 4 | eP | 00 56 22 | Ascension Island (ISC). Dc=57.7°. |
| 4 | e | 20 12 20 | Trace. |
| 5 | eiPKIKP | 11 32 53 | Tonga Islands (ISC). Dc=146.6°. |
| 6 | e | 20 45 43 | Trace. |
| 7-8 | | | Instrument out of work. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---------------------------------------|
| 9-10 | | | Instrument out of work. |
| 11 | iP | 03 45 42 | C. S. Kurile Islands (ISC). Dc=78.8°. |
| 11 | iP | 07 23 04.5 | Kurile Islands (ISC). Dc=78.8°. |
| 11 | iP | 07 39 44.5 | Kurile Islands (ISC). Dc=79.2°. |
| 11 | iP | 08 53 00 | Kurile Islands (ISC). Dc=78.8°. |
| 11 | iP | 10 28 38.5 | Kurile Islands (ISC). Dc=78°. |
| 11 | eiP | 10 31 47.5 | Kurile Islands (ISC). Dc=79.2°. |
| 11 | eiP | 10 53 11 | Kurile Islands (ISC). Dc=79.2°. |
| 11 | e | 12 01 20 | Near. |
| 11 | eiP | 12 12 01.5 | Kurile Islands (ISC). Dc=78.8°. |
| 11 | eP | 14 02 17 | |
| 11 | eiP | 15 51 33 | Kurile Islands (ISC). Dc=78.8°. |
| 11 | eiP | 17 24 09.3 | Kurile Islands (ISC). Dc=78.8°. |
| 11 | eP | 20 56 18 | Kurile Islands (ISC). Dc=78.8°. |
| 12 | eP | 00 32 57 | |
| 12 | eiP | 03 21 47 | Kurile Islands (ISC). Dc=78.8°. |
| 12 | eiP | 06 58 25.6 | Kurile Islands (ISC). Dc=78.8°. |
| 12 | eiP | 13 00 14.5 | |
| 12 | eiP | 18 08 01.4 | Sunda Strait (ISC). Dc=92.9°. |
| 12 | eiP | 18 54 38.4 | Kurile Islands (ISC). Dc=78.8°. |
| 12 | iP | 18 57 44.4 | Kurile Islands (ISC). Dc=78.8°. |
| 12 | eiPP | 19 08 09 | Northern Chile (ISC). Dc=102.8°. |
| 12 | iP | 22 28 45.3 | Kurile Islands (ISC). Dc=78.8°. |

| Date | Phase | h m s | Remarks |
|------|------------------------------|--|---------------------------------------|
| 13 | iP | 02 32 48.3 | Kurile Islands (ISC). Dc=78.8°. |
| 13 | iP | 07 18 13.2 | S. Japan (ISC). Dc=78.5°. |
| 13 | iPg ei ei eiSg L | 13 30 03.1 30 07.1 30 10.6 30 16.1 30 25 | |
| 13 | eiP | 14 39 31.6 | |
| 13 | eiPg | 14 57 15.5 | Poland (ISC). Dc=2.2°. |
| 13 | eiP | 18 09 45.5 | Kurile Islands (ISC). Dc=78.8°. |
| 13 | eiP | 20 04 53 | Turkey (ISC). Dc=12.5°. |
| 15 | e | 07 25 35 | Near. |
| 15 | eP | 08 09 28 | India-China (ISC). Dc=63.1°. |
| 15 | eFKP ₂ | 09 41 08 | New Zealand Region (ISC). Dc=162.2°. |
| 15 | eP | 10 12 10 | |
| 15 | eP | 13 04 13 | Kurile Islands (ISC). Dc=78°. |
| 15 | eP | 13 21 22 | Kurile Islands (ISC). Dc=79.2°. |
| 15 | eiP | 14 31 00 | Kurile Islands (ISC). Dc=78.3°. |
| 15 | eP | 16 49 11 | Eastern Gulf of Aden (ISC). Dc=43.8°. |
| 15 | eiPKIKP | 23 30 05.5 | New Hebrides Region (ISC). Dc=146.8°. |
| 17 | eiP ei | 03 01 27.5 06 08.5 | Turkey (ISC). Dc=12.5°. |
| 17 | eiP | 19 17 07 | Aleutian Islands (ISC). Dc=78.6°. |
| 17 | eiP | 20 24 12.5 | Tibet (ISC). Dc=54.6°. |
| 18 | eP | 13 55 50 | Persie (ISC). Dc=30.7°. |

| Date | Phase | h m s | Remarks |
|-------|----------------------------|---|---------------------------------------|
| 19-20 | | | Instrument out of operation. |
| 20 | eP | 16 39 33 | Eastern Gulf of Aden (ISC). Dc=43.6°. |
| 20 | eiP | 18 17 07.5 | Oregon (ISC). Dc=84.2°. |
| 23 | iP | 00 01 24.4 | |
| 23 | eP | 11 21 10 | S. Kodiak Island (ISC). Dc=75.3°. |
| 24 | eP | 23 21 04 | Philippine Island (ISC). Dc=83.6°. |
| 25-27 | | | Instrument out of operation. |
| 28 | iPKP eiPKP ₂ | 18 16 26.8 16 36 | West of Tonga (ISC). Dc=149.8°. |
| 29 | ePg | 00 45 37 | Germany (ISC). Dc=5.7°. |
| 29 | iP eiPcP | 02 16 22.8 16 37 | Kurile Islands (ISC). Dc=78°. |
| 29 | eSg | 02 25 13 | Italy (ISC). Dc=5.3°. |
| 29 | iP | 04 33 21.5 | North Atlantic Ridge (ISC). Dc=24.7°. |
| 29 | eSg Lm | 10 45 33 45 42 | Explosion of 20 Tons. Dc=4.3°. |
| 29 | eP | 15 44 11 | Crete (ISC). Dc=15°. |
| 30 | eiPP | 03 11 35 | Molucca Sea (ISC). Dc=104°. |
| 30 | iP | 08 45 33 | Aleutian Islands (ISC). Dc=78.9°. |
| 30 | eiP | 12 48 14.5 | Kamtchatka (ISC). Dc=73.8°. |
| 30 | eiSg Lm | 15 33 38 33 53 | Explosion. |
| 30 | ePg iSg L Lm | 18 05 18.5 05 21.5 05 29 05 35 | Explosion. |

January - June 1965

A.Weihsová, I.Bochníčková

Instruments:

Seismograph Mainka, components N, E, air damping, mechanic registration.

Station coordinates: $\phi = 47^{\circ}52'25''N$, $\lambda = 18^{\circ}11'34''E$.

Elevation: h = 115m.

Lithologic foudation: Bed of sand.

| Instrument | Month | Component | T ₀ (s) | V ₀ | ε:1 |
|------------|---------------|-----------|--------------------|----------------|-----|
| Mainka | January-March | N | 8 | 47 | 4.2 |
| | | E | 9 | 54 | 4.0 |
| | April-June | N | 8 | 45 | 4.5 |
| | | E | 10 | 53 | 4.1 |

| Date | Phase | h m s | Remarks |
|---------------|--------|------------|---|
| 1 | Lm | 21 50.5 | Algeria (ISC). MLH=5.1 Hurbanovo. Dc= =12.1°. LmH:10s 8μ. |
| 17 | eiPKP1 | 09 20 24.6 | Tonga Islands (ISC). Dc=147°. |
| 23 | eiPn | 02 40 27.5 | Yugoslavia (ISC). Dc=3.5°. |
| | eiPx | 40 31.5 | |
| | eiPb | 40 35.5 | |
| | eiPg | 40 39.5 | |
| | ei | 40 47.5 | |
| | eiX1 | 40 49.5 | |
| | eiSn | 41 08.5 | |
| | eiL | 41 29.5 | |
| | ei | 41 42.5 | |
| | Lm | 41 55.5 | |
| | 24 | eiP | |
| eiPP | | 29 35.8 | |
| eiPPP | | 31 41.8 | |
| eiSKS | | 38 44 | |
| Lm | | 01 28.5 | |
| February 1965 | | | |
| 4 | eiP | 05 13 30 | Aleutian Islands (ISC). D=77°, Dc=79°. |
| | ei | 14 36 | |
| | eiS | 23 15 | |
| 4 | eiP | 08 52 34 | Aleutian Islands (ISC). MLH=7.7 Hurba- novo. Dc=79.5°. LmH:18s 330μ. |
| | eiPP | 55 21 | |
| | Lm | 09 32.5 | |
| 4 | eiP | 12 17 50 | Aleutian Islands (ISC). D=80°, Dc=78°. |
| | eiPP | 20 49 | |
| | eiS | 27 50 | |
| | eiPS | 28 34 | |
| 6 | eiP | 01 52 41 | D. N. W. South of Alaska (ISC). Dc=77.5°. |
| | ei | 53 30 | |
| | eiPP | 55 32 | |
| | eiPPS | 02 03 12 | |
| 6 | eiP | 17 02 36 | D.N. South of Alaska (ISC). D=80°, Dc= =79°. |
| | ei | 03 14 | |
| | ePP | 05 36 | |
| | eiPPP | 07 16 | |
| | eiS | 12 38 | |
| | eiPS | 13 10 | |

| Date | Phase | h m s | Remarks |
|------------|---|---|--|
| 19 | eiP | 19 04 40 | Aleutian Islands (ISC). Dc=79.5°. |
| 26 | eiP | 23 48 36 | Northern Colombia 6.9°N 73°W, H= =23 36 12.2(USCGS). Dc=86.5°. |
| March 1965 | | | |
| 2 | eiP eiS Lm | 22 02 40 04 56 07.5 | D.E.N. Turkey (ISC). MLH=5.6 Hurbanovo. Dc=11.2°. LmH:10s 34μ. |
| 9 | eiPn ei ei eiSn eiSg Lm | 18 00 11 00 16 00 24 02 03 03 13 10.5 | C.N.W. Aegean Sea (ISC). MLH=6.4 Hurba- novo. Dc=9.8°. LmH:6s 180μ. |
| 9 | Lm | 19 54.5 | Aegean Sea (ISC). MLH=5.3 Hurbanovo. Dc=9.9°. LmH:8.5μ. |
| 9 | Lm | 21 27.5 | Aegean Sea (ISC). |
| 9 | eiPn | 22 41 23 | Aegean Sea (ISC). Dc=10°. |
| 13 | Lm | 04 15.5 | Aegean Sea (ISC). MLH=5.5 Hurbanovo. Dc=9.9°. LmH:6s 18μ. |
| 14 | iP eiPP eiPP eiS eiS IQ Lm | 16 00 26 01 58 02 04 06 26 07 28 09 28 20.5 | C.S.W. Hindu Kush (ISC). Dc=39°. |
| 22 | ePKP1 | 03 04 32 | Tonga Islands (ISC). Dc=146°. |
| 28 | eiPKP1 eiPP eiPKS eiSS eiPS Lm | 16 52 12 53 30 55 28 08 26 17 02 48 31.5 | Central Chile (ISC). MLH=7.4 Hurbanovo. Dc=113.5°. LmH:28s 160μ. |

| Date | Phase | h m s | Remarks |
|------------|---|--|---|
| 30 | eiP eiPP eiPPP eiS ei Lm | 02 39 24 42 28 44 40 49 32 52 20 03 15.5 | D.N.E. Aleutian Islands (ISC). MLH= 7.3 Hurbanovo. Dc=81°. LmH:20s 110μ. |
| 31 | eiPn ei eiSn Lm | 09 49 50 50 12 51 26 10 06.5 | C.W.N. Greece (ISC). Dc=10°. |
| April 1965 | | | |
| 5 | eiP ei ei ei eiS Lm | 03 15 25.5 16 07.5 16 24 16 39 17 25 20.5 | Greece (ISC). MLH=5.6 Hurbanovo. D=11°, Dc=10.8°. LmH:10s 50μ. |
| 10 | eiP ei ei eiPP eiS Lm | 00 00 20 00 45 01 24 01 32 02 50 05.5 | Crete (ISC). MLH=6 Hurbanovo. D=14°, Dc=13.4°. LmH:6s 68μ. |
| 27 | e Lm | 14 13 20 18 00 | Crete (ISC). MLH=5.8 Hurbanovo. Dc=13°. LmH:6s 35μ. |
| 29 | eiP ei eiPP ei eiS ei | 15 40 41 41 41 43 47 45 29 50 41 51 39 | D.N.W. Washington State (ISC). D=80°, Dc=78.2°. |

| Date | Phase | h m s | Remarks |
|-----------|---------------------------------------|---|--|
| 1 | eiPn i i | 13 14 19 14 30 14 38 | Near. |
| 17 | eiP ei ei eiPS Im | 17 31 53 33 23 35 23 42 30 18 07.5 | S. W. Taiwan (ISC). MLH=6.9 Hurbanovo. Dc=81.8°. LmH:10s 21 μ . |
| 20 | ei ei ei Im | 01 02 40 03 26 05 18 54.5 | New Hebrides Islands (ISC). Dc=137.5°. |
| June 1965 | | | |
| 3 | eSn eS e e e Im | 18 35 35 36 25 37 16 57 42 38 09 39.5 | Aegean Sea (ISC). Dc=8.9°. |
| 11 | eiP ei ei eiPP eiPS Im | 03 45 48 46 45 47 07 48 35 56 21 04 25.5 | Kurile Islands (ISC). MLH=6.8 Hurbanovo. Dc=77.7°. LmH:10s 28 μ . |
| 13 | eiPn ei ei ei Im | 20 05 01 05 27 09 21 10 39 15.5 | Turkey (ISC). MLH=5.6 Hurbanovo. Dc=13°. LmH:4s 10 μ . |

January - June 1965

A. Weihsová, I. Bochníčková

Instruments:

I = Seismograph Wiechert, mass 210 kg, air damping, components N, E, mechanic registration.

II = Seismograph Krumbach, components N, E, mass 4 kg, photographic registration, magnetic damping, component Z, electrodynamic system, galvanometric registration.

Station coordinates: $\phi = 49^{\circ}11'20''N$, $\lambda = 20^{\circ}14'32''E$.

Elevation: h = 1772m.

Lithologic foundation: granit.

| Instrument | Month | Compt. | T ₀ | V ₀ | ε : 1 | | |
|------------|-------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| I | January- March | N | 8 | 46 | 2.8 | | |
| | | E | 7 | 50 | 3.5 | | |
| | April - June | N | 8 | 46 | 2.6 | | |
| | | E | 8 | 47 | 3.5 | | |
| II | Compt. | T ₁ | T ₂ | D ₁ | D ₂ | σ ² | V _{max} |
| | N,E | 10 | 1.9 | 0.475 | 2.25 | 0.2 | 1800 |
| | Z | 2.1 | 2.0 | 0.3 | 1.0 | 0.3 | 2200 |

| Date | Phase | h m s | Remarks |
|---------------|-----------------------------------|--|--|
| 1 | eiPn | 19 09 35.5 | Austria (ISC). Dc=3.1°. |
| 1 | eiP eiS ei Im | 21 41 59 44 38.6 46 14.6 51.5 | Algeria (ISC). MLH=4.8 Skalnaté Pleso. Dc=14°, LmH:12s 5μ. |
| 10 | eiP ei | 02 53 32.2 53 57 | Roumania (ISC). MLH=4 Skalnaté Pleso. Dc=4.2°, LmH:7s 3μ. |
| 15 | eiP eiPP | 06 06 58 08 40 | Eastern Kazakh (ISC). Dc=36.7°. |
| 23 | eiPn | 02 40 41 | Yugoslavia (ISC). Dc=5.2°. |
| 24 | eiP eiPP eiS Im | 00 25 22 29 27 36 32 01 12.5 | Ceram Sea (ISC). MLH=6.6 Skalnaté Pleso. Dc=101.9°. LmH:20s 200μ. |
| February 1965 | | | |
| 4 | eiP eiPcP eiPP eiS Im | 05 13 20 13 27 15 55 22 25 06 03.5 | Aleutian Islands (ISC). MLH=8 Skalnaté Pleso. Dc=77.5°. LmH:20s 1680μ. |
| 4 | eiP Im | 08 52 42 09 18.5 | Aleutian Islands (ISC). MLH=7.2 Skalnaté Pleso. Dc=78°. LmH:23s 120μ. |
| 4 | eiP eiPP | 12 17 54 20 39 | Aleutian Islands (ISC). Dc=77.5°. |
| 4 | eiP eiPP eiS | 14 30 13 33 00 39 50 | Aleutian Islands (ISC). Dc=77°. |
| 6 | eiP | 01 52 32 | Aleutian Islands (ISC). Dc=76.5°. |
| 6 | eiP eiS | 17 02 29 12 24 | Aleutian Islands (ISC). Dc=77°. |
| 14 | eP | 19 42 40 | Greenland (ISC). Dc=25°. |
| 25 | eP | 05 34 06 | Aleutian Islands (ISC). Dc=75°. |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 1 | iP eiPP eiPPS ei | 16 59 09 17 02 13 10 07 13 46 | Aleutian Islands 53.2°N 171.1°W, H= =16 47 28(ISC). Dc=77°. |
| 5 | eiP | 18 11 04 | Aleutian Islands (ISC). Dc=76°. |
| 5 | eP | 23 41 07 | Aleutian Islands (ISC). Dc=74.5°. |
| 9 | ei ei ei Lm | 18 00 22 00 55 02 47 15.5 | Aegean Sea (ISC). MLH=5.6 Skalnaté Ple- so. Dc=10.2°. LmH:12s 45μ. |
| 9 | eiP Lm | 18 40 33 47.5 | Aegean Sea (ISC). MLH=5.1 Skalnaté Ple- so. Dc=10°. LmH:6s 6μ. |
| 9 | eP ei Lm | 19 49 13 50 18 56.5 | Aegean Sea (ISC). Dc=10.1°. LmH:6s 6μ. |
| 9 | ePn eiSn eiSg | 21 22 40 24 23 26 30 | Aegean Sea (ISC). MLH=4.8 Skalnaté Ple- so. Dc=10.3°. LmH:6s 4μ. |
| 9 | eiSg | 22 40 53 | Aegean Sea (ISC). Dc=10.4°. |
| 10 | eiPn eiSn eiSg Lm | 01 38 36 40 32 41 30 45.5 | Aegean Sea (ISC). MLH=4.8 Skalnaté Ple- so. Dc=10.9°. LmH:10s 7μ. |
| 10 | iPKP | 16 12 22 | Fiji Islands (ISC). Dc=148.8°. |
| 13 | eiPn ei eiSn eiSg | 04 11 15 12 23 12 50 14 22 | Aegean Sea (ISC). Dc=10.4°. |
| 14 | iP eipP eiPP eisPP eiS IQ | 16 00 08 00 46 01 21 03 15 05 44 29.5 | C.S.W. Hindu Kush (ISC). Dc=38.2°. |
| 16 | iP eiPcP eiPP eiS | 16 58 08 58 34 17 01 07 07 52 | Japan (ISC). Dc=77°. |

| Date | Phase | h m s | Remarks |
|------------|---|---|---|
| 17 | iP eiPcP ei eiPP | 14 39 01 39 07 40 17 41 40 | Aleutian Islands (ISC). Dc=74.5°. |
| 18 | eiPKP eipPKP | 06 41 31 42 32 | Tonga Islands 20°S 176.6°W, H=06 22 02, h=151km(USCGS). Dc=148°. |
| 29 | eiP eiPP eiPPP eiS | 10 59 17 11 02 32 04 11 09 26 | Japan (ISC). Dc=76.5°. |
| 30 | eiP eiPcP eiPP eiSKS eiSS Lm | 02 39 11 39 29 42 11 49 17 54 19 03 20.5 | Aleutian Islands (ISC). Dc=78°. |
| 31 | iP eiS | 09 50 09 52 02 | Greece (ISC). Dc=10.9°. |
| April 1965 | | | |
| 5 | eiP ei eiS Lm | 03 15 38 15 48 17 52 21.5 | Greece (ISC). MLH=5.5 Skalnaté Pleso. D=12°, Dc=11.8°. LmH:9s 19μ. |
| 8 | eiP eiPcP eiPP eiS | 13 55 39 55 51 58 37 14 05 22 | Aleutian Islands (ISC). D=77°, Dc=76°. |
| 10 | eiP i iS L Lm | 00 00 24 01 33 03 22 05.5 09.5 | Crete (ISC). MLH=5.5 Skalnaté Pleso. D=16°, Dc=14.3°. LmH:10s 20μ. |
| 15 | eiPKIKP | 23 59 29 | Tonga Islands (ISC). Dc=146.9°. |
| 16 | eiPKIKP | 00 35 32 | Tonga Islands (ISC). Dc=150.1°. |
| 16 | eiP eiPcP | 23 33 11 33 26 | Alaska (ISC). Dc=66°. |

| Date | Phase | h m s | Remarks |
|----------|---------------------------------|---|---|
| 19 | eiP eiPcP ei | 23 54 07 54 40 55 28 | Japan (ISC). Dc=79.5°. |
| 22 | eiP | 18 47 36 | Aleutian Islands (ISC). Dc=77°. |
| 27 | eiP iPP i i Lm | 14 12 21 12 30 13 18 13 24 20.5 | Crete (ISC). MLH=5 Skalnaté Pleso. Dc= =14.5°. LmH:10s 4.5μ. |
| May 1965 | | | |
| 1 | eiP | 21 39 10 | Alaska (ISC). Dc=69.6°. |
| 3 | iP | 04 08 12 | Atlantic Ocean 12.1°S 14.8°W, H= =03 57 02(ISC). Dc=68.7°. |
| 5 | eiP | 23 13 48 | Aleutian Islands (ISC). Dc=76°. |
| 11 | iP i iPg | 22 37 24 37 29 37 24 | Rumania (ISC). D=3.2°, Dc=5.5°. |
| 12 | ePKP | 10 52 23 | Banda Sea (ISC). Dc=107.9°. |
| 15 | eiP | 21 13 12 | Aleutian Islands (ISC). Dc=76.3°. |
| 16 | eiP eiPP | 01 39 26 39 42 | Dodecanese Islands (ISC). Dc=14.8°. |
| 16 | eP ePPP | 11 33 49 34 13 | Turkey (ISC). Dc=17.8°. |
| 16 | eP | 11 46 32 | |
| 20 | eiPKIP ei eiPP i Lm | 00 59 24 59 51 01 02 20 03 21 02 00.5 | New Hebrides Islands (ISC). Dc=135.8°. |
| 20 | eP | 14 19 13 | Sumatra (ISC). Dc=80.5°. |

| Date | Phase | h m s | Remarks |
|-----------|--|--|--|
| 21 | iPn iP x iPg iX ₁ eiX ₂ | 08 07 21 07 22.5 07 30 07 39 07 45 | |
| 22 | iPKP i ipPKP | 10 50 20 50 24 52 31 | Fiji Islands 21.0°S 178.6°W, H= =10 31 42, h=592km(ISC). Dc=148°. |
| 22 | eiP | 16 20 38 | South Atlantic Ridge (ISC). Dc=70.7°. |
| 24 | eiP | 23 34 03 | Philippine Islands (ISC). Dc=89.4°. |
| 25 | eiP | 13 19 48 | Aleutian Islands (ISC). Dc=78.2°. |
| 26 | eP ei | 14 02 02 03 40 | Iraq (ISC). Dc=22.3°. |
| 26 | ePKP | 20 02 37 | South Sandwich Islands (ISC). Dc=112.5°. |
| 29 | eiSn | 14 24 51 | Poland (ISC). Dc=1.3°. |
| 29 | e | 17 11 32 | Italy (ISC). Dc=8.8°. |
| June 1965 | | | |
| 11 | eiP eiPcP eiPP eiPPP | 03 45 30 45 49 48 25 55 45 | Kurile Islands (ISC). Dc=76°. |
| 11 | eiP Lm | 03 56 25 04 20.5 | Kurile Islands (ISC). Dc=76°. |
| 13 | eiP eiPP eiPS | 07 18 15 21 07 28 20 | Japan (ISC). Dc=76.1°. |
| 13 | eiPn ei ei eiSn Lm | 20 04 54 05 09 05 28 09 06 15.5 | Turkey (ISC). MLH=5.4 Skalnaté Pleso. Dc=13°, LmH:5s 12μ. |

June 1965

Skalnaté Pleso

| Date | Phase | h m s | Remarks |
|------|-----------------|-------------------|--|
| 23 | eiP eiPP | 00 01 18 05 05 | Philippine Islands 7.1°N 123.5°E, H= =23 48' 07.1, h=60km(ISC). Dc=93°. |
| 24 | eiPKP eiPKP2 | 14 28 11 28 24 | Fiji Islands (ISC). Dc=151.1°. |

Microseisms January - June 1965

J. Hajský: Praha

A. Weihsová: Hurbanovo

Microseisms
Instrument: Wiechert NS

January 1965

Praha

| TGM | 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 | 4.7 | 0.4 | 3 | 5.1 | 0.4 | 3 | 5.1 | 0.6 | 3 | 5.0 | 0.4 |
| 2 | 3 | 5.0 | 0.2 | 3 | 4.9 | 0.4 | 3 | 5.2 | 0.4 | 3 | 4.8 | 0.2 |
| 3 | 3 | 4.8 | 0.2 | 3 | 5.0 | 0.4 | 3 | 4.5 | 0.2 | 3 | 4.4 | 0.2 |
| 4 | 3 | 4.0 | 0.2 | 3 | 4.2 | 0.2 | 3 | 5.0 | 0.2 | 3 | 4.8 | 0.4 |
| 5 | 3 | 5.0 | 0.4 | 3 | 5.4 | 0.5 | 3 | 6.0 | 0.7 | 3 | 5.8 | 0.5 |
| 6 | 3 | 6.3 | 0.6 | 3 | 5.6 | 0.6 | 3 | 5.5 | 0.5 | 3 | 5.1 | 0.4 |
| 7 | 3 | 5.0 | 0.4 | 3 | 4.4 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.1 | 0.1 |
| 8 | 3 | 3.9 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.1 | 0.0 | | |
| 9 | 0.0 | | | 3 | 4.7 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.1 |
| 10 | 3 | 4.4 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.2 | 0.1 | 3 | 3.5 | 0.1 |
| 11 | 3 | 4.3 | 0.1 | 3 | 5.0 | 0.4 | 3 | 5.1 | 0.4 | 3 | 5.0 | 0.2 |
| 12 | 3 | 5.3 | 0.4 | 3 | 5.4 | 0.5 | 3 | 5.5 | 0.5 | 3 | 5.1 | 0.4 |
| 13 | 3 | 5.5 | 0.2 | 3 | 6.0 | 0.6 | 3 | 5.5 | 0.4 | 3 | 5.6 | 0.4 |
| 14 | 3 | 5.7 | 0.5 | 3 | 5.5 | 0.6 | 3 | 5.7 | 0.8 | 3 | 6.2 | 0.8 |
| 15 | 3 | 5.7 | 0.5 | 3 | 5.3 | 0.8 | 3 | 5.4 | 0.6 | 3 | 5.2 | 0.6 |
| 16 | 3 | 5.2 | 0.5 | 3 | 5.8 | 0.7 | 3 | 5.1 | 0.6 | 3 | 4.8 | 0.6 |
| 17 | 3 | 4.7 | 0.5 | 3 | 5.2 | 0.7 | 3 | 6.7 | 1.3 | 3 | 7.2 | 1.4 |
| 18 | 3 | 6.1 | 0.8 | 3 | 5.8 | 0.8 | 3 | 5.7 | 0.8 | 3 | 5.2 | 0.6 |
| 19 | 3 | 5.2 | 0.4 | 3 | 5.2 | 0.6 | 3 | 5.1 | 0.5 | 3 | 5.1 | 0.6 |
| 20 | 3 | 5.1 | 0.6 | 3 | 5.2 | 0.6 | 3 | 5.0 | 0.6 | 3 | 4.5 | 0.6 |
| 21 | 3 | 5.3 | 0.6 | 3 | 5.6 | 0.6 | 3 | 4.8 | 0.5 | 3 | 5.1 | 0.6 |
| 22 | 3 | 4.8 | 0.4 | 3 | 5.7 | 0.6 | 3 | 6.4 | 0.7 | 3 | 7.2 | 0.8 |
| 23 | 3 | 6.2 | 0.5 | 3 | 5.8 | 0.5 | 3 | 5.4 | 0.4 | 3 | 5.4 | 0.4 |
| 24 | 3 | 5.1 | 0.2 | 3 | 5.3 | 0.4 | 3 | 5.1 | 0.2 | 3 | 5.1 | 0.4 |
| 25 | 3 | 5.1 | 0.2 | 3 | 4.8 | 0.2 | 3 | 5.3 | 0.4 | 3 | 5.0 | 0.2 |
| 26 | 3 | 5.1 | 0.2 | 3 | 4.5 | 0.2 | 3 | 4.9 | 0.2 | 3 | 4.4 | 0.2 |
| 27 | 3 | 4.5 | 0.1 | 3 | 4.1 | 0.2 | 3 | 4.8 | 0.2 | 3 | 4.4 | 0.2 |
| 28 | 3 | 4.5 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.2 | 0.2 |
| 29 | 3 | 4.4 | 0.2 | 3 | 4.1 | 0.2 | 3 | 4.1 | 0.4 | 3 | 4.2 | 0.4 |
| 30 | 3 | 4.0 | 0.2 | 3 | 4.7 | 0.5 | 3 | 4.5 | 0.4 | 3 | 5.4 | 0.7 |
| 31 | 3 | 5.0 | 0.6 | 3 | 4.6 | 0.6 | 3 | 5.1 | 0.6 | 3 | 4.8 | 0.5 |

Microseisms
Instrument: Wiechert EW

January 1965

Praha

| TGM | 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 | 4.6 | 0.3 | 3 | 4.7 | 0.3 | 3 | 5.2 | 0.4 | 3 | 4.7 | 0.3 |
| 2 | 3 | 5.0 | 0.1 | 3 | 5.1 | 0.1 | 3 | 5.0 | 0.3 | 3 | 4.4 | 0.3 |
| 3 | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.3 | 3 | 4.3 | 0.3 | 3 | 4.0 | 0.3 |
| 4 | 3 | 3.9 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.6 | 0.3 | 3 | 4.8 | 0.3 |
| 5 | 3 | 4.7 | 0.3 | 3 | 5.5 | 0.4 | 3 | 5.0 | 0.4 | 3 | 5.6 | 0.4 |
| 6 | 3 | 5.4 | 0.3 | 3 | 5.2 | 0.4 | 3 | 5.1 | 0.4 | 3 | 4.8 | 0.3 |
| 7 | 3 | 4.9 | 0.3 | 3 | 4.4 | 0.3 | 3 | 4.7 | 0.3 | 3 | 4.5 | 0.1 |
| 8 | 3 | 4.3 | 0.1 | 3 | 4.9 | 0.3 | 3 | 4.5 | 0.3 | 3 | 4.8 | 0.3 |
| 9 | 3 | 4.7 | 0.1 | 3 | 5.0 | 0.3 | 3 | 5.4 | 0.3 | 3 | 5.0 | 0.3 |
| 10 | 3 | 4.7 | 0.1 | 3 | 4.4 | 0.3 | 3 | 4.4 | 0.3 | 3 | 4.6 | 0.3 |
| 11 | 3 | 4.4 | 0.1 | 3 | 4.8 | 0.3 | 3 | 4.3 | 0.3 | 3 | 5.0 | 0.1 |
| 12 | 3 | 5.1 | 0.3 | 3 | 5.2 | 0.3 | 3 | 5.2 | 0.3 | 3 | 5.2 | 0.3 |
| 13 | 3 | 5.5 | 0.1 | 3 | 5.5 | 0.3 | 3 | 5.8 | 0.3 | 3 | 5.5 | 0.3 |
| 14 | 3 | 5.4 | 0.3 | 3 | 5.6 | 0.4 | 3 | 5.6 | 0.6 | 3 | 5.9 | 0.4 |
| 15 | 3 | 5.3 | 0.4 | 3 | 5.4 | 0.6 | 3 | 5.1 | 0.6 | 3 | 5.0 | 0.4 |
| 16 | 3 | 5.2 | 0.3 | 3 | 4.9 | 0.5 | 3 | 5.0 | 0.4 | 3 | 4.7 | 0.4 |
| 17 | 3 | 5.3 | 0.3 | 3 | 5.3 | 0.4 | 3 | 6.2 | 0.8 | 3 | 6.0 | 0.6 |
| 18 | 3 | 6.0 | 0.4 | 3 | 6.2 | 0.6 | 3 | 6.1 | 0.5 | 3 | 5.0 | 0.4 |
| 19 | 3 | 4.8 | 0.3 | 3 | 4.6 | 0.4 | 3 | 5.0 | 0.5 | 3 | 5.1 | 0.4 |
| 20 | 3 | 5.1 | 0.3 | 3 | 5.1 | 0.4 | 3 | 5.0 | 0.4 | 3 | 5.2 | 0.4 |
| 21 | 3 | 5.4 | 0.4 | 3 | 5.7 | 0.4 | 3 | 4.9 | 0.4 | 3 | 5.2 | 0.4 |
| 22 | 3 | 5.1 | 0.3 | 3 | 5.9 | 0.4 | 3 | 6.8 | 0.5 | 3 | 6.4 | 0.4 |
| 23 | 3 | 6.1 | 0.3 | 3 | 5.3 | 0.3 | 3 | 5.3 | 0.3 | 3 | 5.1 | 0.3 |
| 24 | 3 | 5.2 | 0.1 | 3 | 5.5 | 0.3 | 3 | 5.2 | 0.3 | 3 | 4.7 | 0.3 |
| 25 | 3 | 5.0 | 0.1 | 3 | 4.9 | 0.3 | 3 | 5.3 | 0.2 | 3 | 5.0 | 0.3 |
| 26 | 3 | 5.1 | 0.3 | 3 | 4.7 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.2 | 0.1 |
| 27 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.6 | 0.1 |
| 28 | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.3 | 3 | 4.4 | 0.3 | 3 | 4.0 | 0.3 |
| 29 | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.3 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.3 |
| 30 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.3 | 3 | 4.6 | 0.3 | 3 | 4.7 | 0.3 |
| 31 | 3 | 4.4 | 0.3 | 3 | 4.5 | 0.3 | 3 | 5.0 | 0.3 | 3 | 4.8 | 0.3 |

| TGM | 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 | 4.7 | 0.1 | 3 | 5.2 | 0.4 | 3 | 5.0 | 0.4 | 3 | 4.7 | 0.3 |
| 2 | 3 | 4.4 | 0.3 | 3 | 4.4 | 0.3 | 3 | 4.2 | 0.3 | 3 | 4.0 | 0.1 |
| 3 | 3 | 4.1 | 0.1 | 3 | 4.3 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 |
| 4 | 3 | 3.4 | 0.1 | tt | | | ... | | | 3 | 4.1 | 0.1 |
| 5 | 3 | 3.9 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.0 | 0.1 |
| 6 | 3 | 4.2 | 0.1 | 3 | 4.0 | 0.3 | 3 | 3.9 | 0.3 | tt | | |
| 7 | 3 | 4.4 | 0.3 | 3 | 5.0 | 0.3 | 3 | 5.3 | 0.4 | 3 | 5.3 | 0.4 |
| 8 | 3 | 5.0 | 0.3 | 3 | 4.8 | 0.3 | 3 | 4.1 | 0.3 | 3 | 3.9 | 0.3 |
| 9 | 3 | 3.9 | 0.1 | 3 | 4.6 | 0.4 | 3 | 4.6 | 0.3 | 3 | 4.3 | 0.3 |
| 10 | 3 | 4.8 | 0.3 | 3 | 5.6 | 0.4 | 3 | 5.1 | 0.4 | 3 | 4.9 | 0.4 |
| 11 | 3 | 4.4 | 0.1 | 3 | 4.2 | 0.3 | 3 | 4.4 | 0.3 | 3 | 4.1 | 0.3 |
| 12 | 3 | 3.9 | 0.1 | 3 | 4.3 | 0.3 | 3 | 4.2 | 0.3 | 3 | 4.2 | 0.3 |
| 13 | 3 | 4.5 | 0.3 | 3 | 5.5 | 0.6 | vv | | | vv | | |
| 14 | vv | | | vv | | | 3 | 5.8 | 0.6 | 3 | 5.5 | 0.4 |
| 15 | 3 | 5.1 | 0.3 | 3 | 4.8 | 0.3 | 3 | 4.9 | 0.4 | 3 | 4.4 | 0.3 |
| 16 | 3 | 4.5 | 0.1 | 3 | 4.7 | 0.3 | 3 | 4.6 | 0.3 | 3 | 4.4 | 0.3 |
| 17 | 3 | 3.9 | 0.1 | 3 | 4.4 | 0.3 | 3 | 4.6 | 0.3 | 3 | 4.3 | 0.1 |
| 18 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.1 |
| 19 | 0.0 | | | 3 | 4.4 | 0.3 | 3 | 4.3 | 0.3 | 3 | 4.5 | 0.3 |
| 20 | 3 | 4.7 | 0.3 | 3 | 5.0 | 0.4 | 3 | 4.8 | 0.3 | 3 | 4.1 | 0.3 |
| 21 | 3 | 4.3 | 0.3 | 3 | 4.5 | 0.3 | 3 | 4.7 | 0.3 | 3 | 5.0 | 0.3 |
| 22 | 3 | 4.9 | 0.3 | 3 | 4.4 | 0.3 | 3 | 4.2 | 0.3 | 3 | 4.6 | 0.3 |
| 23 | 3 | 4.4 | 0.1 | 3 | 4.1 | 0.3 | 3 | 4.1 | 0.1 | 3 | 4.0 | 0.1 |
| 24 | 3 | 4.2 | 0.3 | 3 | 4.9 | 0.3 | 3 | 5.0 | 0.3 | 3 | 4.6 | 0.3 |
| 25 | 3 | 4.2 | 0.1 | tt | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 26 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.4 | 0.3 | 3 | 4.4 | 0.3 |
| 27 | ... | | | vv | | | vv | | | vv | | |
| 28 | 0.0 | | | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 |

| TGM | 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 | 4.7 | 0.2 | 3 | 5.1 | 0.5 | 3 | 4.8 | 0.4 | 3 | 5.0 | 0.4 |
| 2 | 3 | 4.8 | 0.2 | 3 | 4.3 | 0.4 | 3 | 4.5 | 0.4 | 3 | 4.4 | 0.2 |
| 3 | 3 | 4.4 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.4 | 0.2 |
| 4 | 3 | 4.3 | 0.1 | tt | | | 3 | 4.2 | 0.1 | 3 | 4.4 | 0.1 |
| 5 | 3 | 4.1 | 0.1 | 3 | 4.2 | 0.2 | 3 | 4.1 | 0.2 | 3 | 3.9 | 0.2 |
| 6 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.2 | 3 | 4.3 | 0.2 | tt | | |
| 7 | 3 | 4.4 | 0.4 | 3 | 4.9 | 0.4 | 3 | 4.9 | 0.4 | 3 | 5.6 | 0.6 |
| 8 | 3 | 5.3 | 0.4 | 3 | 5.1 | 0.4 | 3 | 4.8 | 0.2 | 3 | 5.0 | 0.2 |
| 9 | 3 | 4.4 | 0.1 | 3 | 4.5 | 0.4 | 3 | 4.8 | 0.4 | 3 | 4.3 | 0.4 |
| 10 | 3 | 5.2 | 0.4 | 3 | 6.2 | 0.6 | 3 | 6.0 | 0.6 | 3 | 5.2 | 0.2 |
| 11 | 3 | 5.0 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.6 | 0.4 | 3 | 4.2 | 0.2 |
| 12 | 3 | 4.0 | 0.2 | 3 | 4.7 | 0.4 | 3 | 4.6 | 0.4 | 3 | 4.6 | 0.2 |
| 13 | 3 | 5.0 | 0.2 | 3 | 5.2 | 0.7 | 3 | 5.8 | 0.7 | 3 | 6.2 | 0.7 |
| 14 | 3 | 6.4 | 0.7 | 3 | 6.0 | 0.6 | 3 | 5.6 | 0.8 | 3 | 5.6 | 0.6 |
| 15 | 3 | 5.0 | 0.4 | 3 | 5.3 | 0.5 | 3 | 5.1 | 0.4 | 3 | 4.3 | 0.4 |
| 16 | 3 | 4.4 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.7 | 0.2 | 3 | 4.5 | 0.2 |
| 17 | 3 | 4.4 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.0 | 0.1 |
| 18 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.6 | 0.1 |
| 19 | 3 | 4.7 | 0.2 | 3 | 4.7 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.6 | 0.2 |
| 20 | 3 | 4.6 | 0.2 | 3 | 5.2 | 0.4 | 3 | 4.7 | 0.4 | 3 | 4.6 | 0.2 |
| 21 | 3 | 4.4 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.9 | 0.4 | 3 | 5.2 | 0.2 |
| 22 | 3 | 5.0 | 0.2 | 3 | 5.1 | 0.4 | 3 | 4.6 | 0.4 | 3 | 4.4 | 0.2 |
| 23 | 3 | 4.5 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.1 | 0.1 |
| 24 | 3 | 4.1 | 0.2 | 3 | 5.2 | 0.4 | 3 | 5.1 | 0.4 | 3 | 5.0 | 0.2 |
| 25 | 3 | 4.8 | 0.1 | tt | | | 3 | 4.8 | 0.2 | 3 | 4.1 | 0.2 |
| 26 | 3 | 4.3 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.1 | 0.2 | 3 | 4.4 | 0.2 |
| 27 | 3 | 4.6 | 0.2 | 3 | 4.9 | 0.2 | vv | | | vv | | |
| 28 | 3 | 4.7 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.1 | 0.2 | 3 | 4.0 | 0.1 |

| TGM | 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 | 0.1 | 3 | 4.0 | 0.1 |
| 2 | 3 | 3.9 | 0.1 | 3 | 4.3 | 0.3 | 3 | 4.5 | 0.3 | 3 | 4.4 | 0.3 |
| 3 | 3 | 4.3 | 0.3 | 3 | 4.0 | 0.1 | 3 | 5.0 | 0.5 | 3 | 4.4 | 0.4 |
| 4 | 3 | 4.7 | 0.4 | 3 | 4.8 | 0.4 | 3 | 4.4 | 0.1 | 3 | 4.5 | 0.3 |
| 5 | 3 | 4.2 | 0.1 | 3 | 4.5 | 0.3 | 3 | 4.0 | 0.3 | 3 | 4.0 | 0.1 |
| 6 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.3 | 3 | 4.0 | 0.3 | 3 | 3.4 | 0.1 |
| 7 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.3 | 0.3 | 3 | 4.4 | 0.3 |
| 8 | 3 | 4.3 | 0.3 | 3 | 5.4 | 0.4 | 3 | 4.8 | 0.4 | 3 | 5.1 | 0.4 |
| 9 | 3 | 5.2 | 0.3 | 3 | 5.3 | 0.4 | 3 | 5.2 | 0.4 | 3 | 4.8 | 0.3 |
| 10 | 3 | 4.7 | 0.3 | 3 | 4.8 | 0.3 | 3 | 4.7 | 0.3 | 3 | 4.5 | 0.3 |
| 11 | 3 | 4.4 | 0.3 | 3 | 4.2 | 0.3 | 3 | 4.0 | 0.3 | 3 | 4.0 | 0.1 |
| 12 | 3 | 3.9 | 0.1 | 3 | 4.6 | 0.3 | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 |
| 13 | 3 | 4.0 | 0.1 | 3 | 4.7 | 0.3 | 3 | 4.8 | 0.3 | 3 | 4.4 | 0.3 |
| 14 | 3 | 4.3 | 0.3 | 3 | 4.4 | 0.1 | 3 | 3.9 | 0.1 | tt | | |
| 15 | 3 | 4.0 | 0.1 | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 |
| 16 | 3 | 4.5 | 0.1 | 3 | 5.3 | 0.4 | 3 | 5.4 | 0.3 | tt | | |
| 17 | 3 | 5.3 | 0.3 | 3 | 5.9 | 0.6 | 3 | 5.9 | 0.6 | 3 | 5.3 | 0.4 |
| 18 | 3 | 5.5 | 0.4 | 3 | 5.5 | 0.4 | 3 | 6.0 | 0.4 | 3 | 5.2 | 0.4 |
| 19 | 3 | 5.4 | 0.3 | 3 | 5.5 | 0.4 | 3 | 5.0 | 0.3 | 3 | 5.0 | 0.3 |
| 20 | 3 | 5.1 | 0.3 | 3 | 5.3 | 0.3 | 3 | 5.1 | 0.3 | 3 | 5.4 | 0.3 |
| 21 | 3 | 5.1 | 0.3 | 3 | 5.5 | 0.4 | 3 | 6.1 | 0.6 | 3 | 5.3 | 0.4 |
| 22 | 3 | 5.0 | 0.3 | 3 | 5.5 | 0.4 | 3 | 5.6 | 0.3 | 3 | 5.0 | 0.3 |
| 23 | 3 | 5.0 | 0.1 | 3 | 5.0 | 0.4 | 3 | 5.2 | 0.3 | 3 | 4.6 | 0.3 |
| 24 | 3 | 4.7 | 0.1 | 3 | 4.9 | 0.4 | 3 | 4.9 | 0.3 | 3 | 5.2 | 0.3 |
| 25 | 3 | 5.3 | 0.3 | 3 | 5.3 | 0.4 | 3 | 5.4 | 0.4 | 3 | 5.4 | 0.4 |
| 26 | 3 | 5.1 | 0.3 | 3 | 5.3 | 0.4 | 3 | 5.7 | 0.4 | 3 | 5.4 | 0.4 |
| 27 | 3 | 5.1 | 0.3 | 3 | 5.6 | 0.4 | 3 | 5.7 | 0.4 | 3 | 4.8 | 0.3 |
| 28 | 3 | 5.1 | 0.1 | 3 | 5.0 | 0.1 | 3 | 4.6 | 0.1 | tt | | |
| 29 | 3 | 4.7 | 0.1 | 3 | 4.8 | 0.1 | tt | | | 3 | 4.5 | 0.1 |
| 30 | 0.0 | | | ... | | | 0.0 | | | 0.0 | | |
| 31 | 3 | 3.9 | 0.1 | ... | | | 3 | 3.9 | 0.1 | 3 | 3.7 | 0.1 |

| TGM | 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 | 3.9 | 0.1 | 3 | 4.0 | 0.2 | 3 | 4.2 | 0.2 | 3 | 3.9 | 0.2 |
| 2 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.6 | 0.4 | 3 | 4.4 | 0.2 |
| 3 | 3 | 4.6 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.5 | 0.2 |
| 4 | 3 | 5.0 | 0.2 | 3 | 4.6 | 0.1 | 3 | 4.2 | 0.4 | 3 | 5.0 | 0.2 |
| 5 | 3 | 4.4 | 0.2 | 3 | 4.7 | 0.4 | 3 | 4.3 | 0.2 | 3 | 4.3 | 0.2 |
| 6 | 3 | 4.0 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.4 | 0.2 | 3 | 3.9 | 0.1 |
| 7 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.2 | 3 | 4.5 | 0.2 |
| 8 | 3 | 4.7 | 0.4 | 3 | 5.4 | 0.5 | 3 | 5.3 | 0.6 | 3 | 4.8 | 0.4 |
| 9 | 3 | 5.4 | 0.4 | 3 | 5.2 | 0.4 | 3 | 5.3 | 0.4 | 3 | 5.0 | 0.4 |
| 10 | 3 | 4.9 | 0.2 | 3 | 5.2 | 0.4 | 3 | 4.5 | 0.4 | 3 | 4.5 | 0.4 |
| 11 | 3 | 4.2 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.1 | 0.1 |
| 12 | 3 | 3.9 | 0.1 | 3 | 4.7 | 0.2 | 3 | 4.1 | 0.2 | 3 | 4.2 | 0.2 |
| 13 | 3 | 4.0 | 0.1 | 3 | 4.8 | 0.4 | 3 | 5.0 | 0.4 | 3 | 4.4 | 0.2 |
| 14 | 3 | 4.2 | 0.2 | 3 | 4.3 | 0.3 | 3 | 4.0 | 0.2 | tt | | |
| 15 | 3 | 3.9 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.2 | 0.2 | 3 | 4.4 | 0.1 |
| 16 | 3 | 4.7 | 0.2 | 3 | 4.9 | 0.4 | 3 | 5.6 | 0.4 | tt | | |
| 17 | 3 | 5.7 | 0.4 | 3 | 6.0 | 0.7 | 3 | 5.6 | 0.8 | 3 | 5.2 | 0.7 |
| 18 | 3 | 5.0 | 0.4 | 3 | 4.7 | 0.5 | 3 | 5.1 | 0.4 | 3 | 5.0 | 0.4 |
| 19 | 3 | 5.1 | 0.4 | 3 | 5.3 | 0.4 | 3 | 5.5 | 0.4 | 3 | 5.5 | 0.4 |
| 20 | 3 | 5.0 | 0.2 | 3 | 5.5 | 0.4 | 3 | 5.8 | 0.4 | 3 | 5.4 | 0.6 |
| 21 | 3 | 5.7 | 0.5 | 3 | 6.0 | 0.7 | 3 | 5.4 | 0.7 | 3 | 5.6 | 0.6 |
| 22 | 3 | 5.1 | 0.4 | 3 | 5.5 | 0.4 | 3 | 5.6 | 0.4 | 3 | 5.3 | 0.2 |
| 23 | 3 | 5.4 | 0.2 | 3 | 5.3 | 0.4 | 3 | 5.4 | 0.4 | 3 | 5.0 | 0.2 |
| 24 | 3 | 5.0 | 0.2 | 3 | 5.0 | 0.4 | 3 | 5.0 | 0.4 | 3 | 4.8 | 0.4 |
| 25 | 3 | 4.7 | 0.2 | 3 | 5.5 | 0.6 | 3 | 5.3 | 0.6 | 3 | 5.1 | 0.5 |
| 26 | 3 | 5.3 | 0.4 | 3 | 5.4 | 0.5 | 3 | 5.8 | 0.5 | 3 | 5.3 | 0.4 |
| 27 | 3 | 5.0 | 0.2 | 3 | 5.6 | 0.6 | 3 | 5.4 | 0.6 | 3 | 5.2 | 0.2 |
| 28 | 3 | 5.0 | 0.2 | 3 | 5.1 | 0.2 | 3 | 4.2 | 0.2 | tt | | |
| 29 | 3 | 4.0 | 0.2 | 3 | 5.0 | 0.2 | tt | | | 3 | 4.4 | 0.2 |
| 30 | 0.0 | | | ... | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 31 | 3 | 4.0 | 0.1 | ... | | | 3 | 3.9 | 0.2 | 3 | 3.5 | 0.2 |



| TGM | 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 | 3.9 | 0.2 | 3 | 4.2 | 0.2 | 3 | 4.1 | 0.2 | 3 | 4.0 | 0.1 |
| 2 | 3 | 3.9 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 |
| 3 | 3 | 3.9 | 0.1 | 3 | 4.4 | 0.1 | 3 | 5.0 | 0.2 | 3 | 4.5 | 0.1 |
| 4 | 3 | 4.3 | 0.1 | 3 | 4.5 | 0.1 | 3 | 5.0 | 0.2 | 3 | 5.5 | 0.2 |
| 5 | 3 | 5.5 | 0.2 | 3 | 6.0 | 0.4 | 3 | 5.3 | 0.2 | 3 | 4.7 | 0.2 |
| 6 | 3 | 4.3 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.6 | 0.1 | 3 | 4.4 | 0.1 |
| 7 | 3 | 4.4 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.7 | 0.2 | 3 | 4.4 | 0.1 |
| 8 | 3 | 4.3 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.3 | 0.2 |
| 9 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.1 | ... | | | 3 | 3.9 | 0.2 |
| 10 | tt | | | 3 | 4.5 | 0.2 | 3 | 4.8 | 0.2 | 3 | 5.0 | 0.2 |
| 11 | 3 | 5.0 | 0.4 | 3 | 5.2 | 0.4 | 3 | 5.2 | 0.4 | 3 | 5.1 | 0.4 |
| 12 | 3 | 5.1 | 0.2 | 3 | 5.0 | 0.4 | 3 | 5.1 | 0.4 | 3 | 5.2 | 0.4 |
| 13 | 3 | 5.1 | 0.2 | 3 | 5.1 | 0.2 | 3 | 5.0 | 0.2 | 3 | 4.7 | 0.2 |
| 14 | 3 | 4.5 | 0.1 | 3 | 4.7 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.4 | 0.1 |
| 15 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.3 | 0.1 |
| 16 | 3 | 4.2 | 0.1 | 3 | 4.4 | 0.2 | 3 | 4.7 | 0.2 | 3 | 4.3 | 0.1 |
| 17 | ... | | | 3 | 4.9 | 0.4 | 3 | 5.0 | 0.4 | 3 | 5.2 | 0.4 |
| 18 | 3 | 5.0 | 0.2 | 3 | 4.6 | 0.2 | vv | | | 3 | 5.0 | 0.2 |
| 19 | 3 | 5.0 | 0.2 | 3 | 5.2 | 0.2 | 3 | 4.7 | 0.2 | 3 | 4.7 | 0.2 |
| 20 | 3 | 5.0 | 0.1 | 3 | 4.6 | 0.2 | 3 | 4.2 | 0.2 | 3 | 4.6 | 0.1 |
| 21 | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.0 | 0.1 |
| 22 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.2 | 3 | 3.9 | 0.1 |
| 23 | 0.0 | | | 3 | 4.1 | 0.2 | 3 | 4.9 | 0.1 | 3 | 4.4 | 0.1 |
| 24 | 3 | 4.3 | 0.1 | 3 | 5.3 | 0.2 | 3 | 5.1 | 0.2 | 3 | 5.2 | 0.2 |
| 25 | 3 | 4.4 | 0.1 | 3 | 5.5 | 0.2 | 3 | 5.2 | 0.2 | 3 | 4.7 | 0.1 |
| 26 | 3 | 4.5 | 0.1 | 3 | 4.8 | 0.2 | 3 | 4.5 | 0.2 | 3 | 4.8 | 0.2 |
| 27 | 3 | 4.6 | 0.1 | 3 | 4.1 | 0.2 | 3 | 4.4 | 0.2 | 3 | 3.9 | 0.2 |
| 28 | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.4 | 0.2 |
| 29 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.1 |
| 30 | 3 | 3.4 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.0 | 0.1 |

| TGM | 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 | 3.4 | 0.1 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.7 | 0.1 |
| 2 | 3 | 3.5 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.1 | 0.1 |
| 3 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.9 | 0.1 | 3 | 4.4 | 0.1 |
| 4 | 0.0 | | | 0.0 | | | 3 | 4.8 | 0.3 | 3 | 5.3 | 0.3 |
| 5 | 3 | 5.2 | 0.1 | 3 | 5.7 | 0.3 | 3 | 5.3 | 0.3 | 3 | 5.1 | 0.3 |
| 6 | 3 | 4.5 | 0.1 | 3 | 4.7 | 0.3 | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.1 |
| 7 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.0 | 0.1 |
| 8 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 |
| 9 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.3 | 0.1 | 3 | 3.7 | 0.3 |
| 10 | tt | | | 3 | 5.0 | 0.1 | 3 | 4.7 | 0.1 | 3 | 4.4 | 0.1 |
| 11 | 3 | 5.0 | 0.1 | 3 | 5.4 | 0.3 | 3 | 5.4 | 0.3 | 3 | 5.5 | 0.2 |
| 12 | 3 | 5.1 | 0.3 | 3 | 5.0 | 0.3 | 3 | 4.6 | 0.3 | 3 | 5.1 | 0.3 |
| 13 | 3 | 5.0 | 0.1 | 3 | 4.6 | 0.3 | 3 | 5.0 | 0.3 | 3 | 4.9 | 0.1 |
| 14 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 |
| 15 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.8 | 0.1 |
| 16 | 3 | 3.7 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.4 | 0.1 |
| 17 | ... | | | 3 | 5.0 | 0.3 | 3 | 5.1 | 0.3 | 3 | 5.0 | 0.3 |
| 18 | 3 | 4.5 | 0.1 | 3 | 5.0 | 0.3 | vv | | | 3 | 5.1 | 0.1 |
| 19 | 3 | 5.0 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.9 | 0.3 | 3 | 4.4 | 0.1 |
| 20 | 3 | 4.0 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.6 | 0.3 | 3 | 4.4 | 0.1 |
| 21 | 3 | 4.4 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.3 | 0.1 |
| 22 | 3 | 4.5 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.1 | 3 | 3.5 | 0.1 |
| 23 | 0.0 | | | 3 | 4.7 | 0.1 | 3 | 4.8 | 0.1 | 3 | 4.4 | 0.1 |
| 24 | 0.0 | | | 3 | 4.9 | 0.3 | 3 | 5.3 | 0.2 | 3 | 5.1 | 0.3 |
| 25 | 0.0 | | | 3 | 5.4 | 0.1 | 3 | 5.0 | 0.1 | 0.0 | | |
| 26 | 0.0 | | | 3 | 5.2 | 0.1 | 3 | 5.2 | 0.3 | 3 | 5.1 | 0.1 |
| 27 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 4.6 | 0.1 | 3 | 4.3 | 0.1 |
| 28 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.1 |
| 29 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 |
| 30 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 |

| TGM | 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 | 0.0 | | |
| 2 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 3 | 0.0 | | | 0.0 | | | 3 | 4.2 | 0.1 | 0.0 | | |
| 4 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.0 | 0.1 | 3 | 5.2 | 0.3 |
| 5 | 3 | 4.9 | 0.3 | 3 | 4.8 | 0.3 | 3 | 4.7 | 0.3 | 3 | 4.3 | 0.3 |
| 6 | 3 | 4.2 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.1 | 0.1 |
| 7 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.3 | 0.1 |
| 8 | 0.0 | | | 3 | 4.0 | 0.1 | 0.0 | | | 3 | 3.9 | 0.1 |
| 9 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 |
| 10 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.0 | 0.1 |
| 11 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 |
| 12 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 4.4 | 0.1 | 3 | 3.9 | 0.1 |
| 13 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.0 | 0.1 | 0.0 | | |
| 14 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 15 | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | |
| 16 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 17 | 0.0 | | | 0.0 | | | 0.0 | | | tt | | |
| 18 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.4 | 0.1 |
| 19 | 0.0 | | | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.5 | 0.1 |
| 20 | 0.0 | | | 3 | 3.3 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.9 | 0.1 |
| 21 | 3 | 3.5 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.3 | 0.1 |
| 22 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 23 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.3 | 0.1 |
| 24 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 4.3 | 0.1 | 0.0 | | |
| 25 | 0.0 | | | 3 | 4.0 | 0.1 | 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 | | | 3 | 3.8 | 0.1 | 3 | 3.9 | 0.1 | 0.0 | | |
| 29 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 30 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 31 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 0.0 | | |

| TGM | 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 | 4.1 | 0.1 | 3 | 3.9 | 0.1 | 0.0 | | | 0.0 | | |
| 2 | 0.0 | | | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.8 | 0.1 |
| 3 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.1 |
| 4 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.5 | 0.2 |
| 5 | 3 | 5.2 | 0.4 | 3 | 5.4 | 0.5 | 3 | 4.8 | 0.4 | 3 | 4.6 | 0.2 |
| 6 | 3 | 4.3 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.2 | 0.2 | 3 | 4.0 | 0.2 |
| 7 | 3 | 4.0 | 0.1 | 3 | 4.7 | 0.2 | 3 | 4.8 | 0.2 | 3 | 4.3 | 0.1 |
| 8 | 3 | 4.3 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.1 | 0.2 |
| 9 | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.1 | 0.2 |
| 10 | 3 | 3.7 | 0.2 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.2 | 3 | 3.7 | 0.1 |
| 11 | 3 | 3.9 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.5 | 0.2 | 3 | 3.9 | 0.1 |
| 12 | 3 | 3.9 | 0.1 | 3 | 4.6 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.0 | 0.1 |
| 13 | 3 | 4.4 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 14 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.9 | 0.1 | 0.0 | | |
| 15 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 | 0.0 | | |
| 16 | 0.0 | | | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.5 |
| 17 | 3 | 3.4 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.6 | 0.1 | tt | | |
| 18 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.7 | 0.1 |
| 19 | 3 | 3.6 | 0.1 | 3 | 3.5 | 0.1 | 3 | 3.9 | 0.2 | 3 | 3.7 | 0.1 |
| 20 | 3 | 3.4 | 0.1 | 3 | 3.8 | 0.2 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.2 |
| 21 | 3 | 4.2 | 0.2 | 3 | 4.0 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.4 | 0.2 |
| 22 | 3 | 4.0 | 0.1 | 3 | 4.7 | 0.1 | 3 | 4.4 | 0.2 | 3 | 5.0 | 0.1 |
| 23 | 3 | 3.9 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.0 | 0.1 |
| 24 | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.2 | 0.1 |
| 25 | 3 | 3.7 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.4 | 0.1 |
| 26 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.5 | 0.1 |
| 27 | 0.0 | | | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.1 | 0.0 | | |
| 28 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.4 | 0.1 |
| 29 | 0.0 | | | 3 | 3.4 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.7 | 0.1 |
| 30 | 0.0 | | | 0.0 | | | 3 | 4.3 | 0.1 | 0.0 | | |
| 31 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |

| TGM | 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 | 0.0 | | |
| 2 | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | |
| 3 | tt | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 4 | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | |
| 5 | 0.0 | | | 0.0 | | | 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 | | | 3 | 3.8 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.1 |
| 11 | 0.0 | | | tt | | | ... | | | ... | | |
| 12 | ... | | | 3 | 3.5 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.3 | 0.1 |
| 13 | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | |
| 14 | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | |
| 15 | 0.0 | | | 0.0 | | | 3 | 3.4 | 0.1 | 0.0 | | |
| 16 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 17 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 18 | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.5 | 0.1 |
| 19 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.9 | 0.1 |
| 20 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 21 | 0.0 | | | 3 | 3.3 | 0.1 | 0.0 | | | 0.0 | | |
| 22 | 0.0 | | | 0.0 | | | 3 | 3.9 | 0.1 | 0.0 | | |
| 23 | 0.0 | | | 0.0 | | | tt | | | 3 | 4.4 | 0.1 |
| 24 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.5 | 0.1 | 3 | 3.7 | 0.1 |
| 25 | 0.0 | | | 3 | 3.4 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 |
| 26 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.4 | 0.1 |
| 27 | 0.0 | | | 3 | 3.4 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.4 | 0.1 |
| 28 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 29 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 30 | 0.0 | | | 0.0 | | | 3 | 2.8 | 0.1 | 0.0 | | |

| TGM | 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 | 0.1 | 3 | 3.9 | 0.1 |
| 2 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.7 | 0.1 |
| 3 | tt | | | 3 | 3.5 | 0.1 | 0.0 | | | 3 | 3.3 | 0.1 |
| 4 | 0.0 | | | 3 | 3.3 | 0.1 | 3 | 3.8 | 0.1 | 0.0 | | |
| 5 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 | 0.0 | | |
| 6 | 0.0 | | | 3 | 3.6 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 |
| 7 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.8 | 0.1 |
| 8 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.1 |
| 9 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.2 | 0.1 |
| 10 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.3 | 0.1 |
| 11 | 0.0 | | | tt | | | ... | | | ... | | |
| 12 | ... | | | 3 | 3.3 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.9 | 0.1 |
| 13 | 3 | 3.3 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.4 | 0.1 |
| 14 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.1 |
| 15 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.7 | 0.2 | 3 | 3.4 | 0.1 |
| 16 | 3 | 3.5 | 0.1 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.5 | 0.1 |
| 17 | 0.0 | | | 0.0 | | | 3 | 4.0 | 0.2 | 3 | 4.7 | 0.1 |
| 18 | 0.0 | | | 0.0 | | | 3 | 4.0 | 0.2 | 3 | 4.1 | 0.2 |
| 19 | 3 | 3.8 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.7 | 0.2 | 3 | 3.5 | 0.1 |
| 20 | 3 | 3.4 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.4 | 0.1 |
| 21 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.0 | 0.1 |
| 22 | 3 | 3.7 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.2 | 3 | 3.8 | 0.1 |
| 23 | 0.0 | | | 3 | 3.7 | 0.1 | tt | | | 3 | 4.1 | 0.4 |
| 24 | 3 | 4.1 | 0.2 | 3 | 4.6 | 0.2 | 3 | 3.4 | 0.2 | 3 | 3.8 | 0.2 |
| 25 | 3 | 3.7 | 0.1 | 3 | 3.4 | 0.2 | 3 | 4.0 | 0.1 | 3 | 3.8 | 0.2 |
| 26 | 3 | 3.9 | 0.2 | 3 | 3.4 | 0.1 | 3 | 3.9 | 0.2 | 3 | 3.9 | 0.1 |
| 27 | 3 | 3.4 | 0.1 | 3 | 3.7 | 0.1 | 3 | 4.1 | 0.2 | 3 | 3.9 | 0.2 |
| 28 | 3 | 3.7 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.6 | 0.1 |
| 29 | 0.0 | | | 0.0 | | | 3 | 3.3 | 0.1 | 3 | 3.5 | 0.1 |
| 30 | 3 | 3.3 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.9 | 0.1 |

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 1 | 4 | 2 | 1 | 4 | 2 | 1 | 3 | 1 | 1 | 3 | 1 |
| 2 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 3 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 4 | 0.0 | | | 0.0 | | | 1 | 3 | 1.5 | 1 | 4 | 2 |
| 5 | 1 | 3 | 1 | 1 | 3 | 1 | 1 | 6 | 3.5 | 1 | 6 | 4 |
| 6 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 6 | 2.5 | 1 | 6 | 2.5 |
| 7 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 |
| 8 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 9 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 6 | 0.9 | 1 | 6 | 0.9 |
| 10 | 1 | 3 | 1 | 1 | 3 | 0.5 | 2 | 3 | 1 | 2 | 3 | 1 |
| 11 | 2 | 3 | 1 | 2 | 3 | 1 | 1 | 3 | 1 | 2 | 3 | 0.5 |
| 12 | 2 | 3 | 0.5 | 2 | 3 | 0.5 | 1 | 3 | 1 | 1 | 3 | 1 |
| 13 | 0.0 | | | 0.0 | | | 1 | 4 | 2 | 1 | 4 | 2 |
| 14 | 1 | 4 | 2 | 1 | 4 | 2 | 2 | 6 | 2.1 | 2 | 6 | 2.1 |
| 15 | 2 | 6 | 1.6 | 2 | 6 | 1.6 | 2 | 6 | 2.1 | 2 | 6 | 2.1 |
| 16 | 2 | 3 | 1 | 2 | 3 | 1 | 1 | 4 | 2 | 1 | 6 | 1.6 |
| 17 | 1 | 6 | 1.6 | 1 | 6 | 1.6 | 2 | 6 | 2.1 | 2 | 6 | 2.1 |
| 18 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 4 | 2 | 2 | 4 | 1 |
| 19 | 1 | 3 | 0.5 | 2 | 3 | 0.5 | 1 | 6 | 2.5 | 1 | 6 | 2.5 |
| 20 | 1 | 3 | 1 | 1 | 3 | 2 | 1 | 6 | 1.4 | 1 | 6 | 1.6 |
| 21 | 1 | 4 | 1 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 22 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 23 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | | 0.0 | | |
| 24 | tt | | | 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 | | | ... | | | ... | | |
| 28 | 0 | | | 0 | | | 0.0 | | | 0.0 | | |
| 29 | 0 | | | 0 | | | 1 | 3 | 0.5 | 0.0 | | |
| 30 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 31 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 1 | 4 | 1.1 | 1 | 4 | 1.1 | 1 | 4 | 0.8 | 1 | 3 | 2 |
| 2 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 3 | 2 | 1 | 3 | 2 |
| 3 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 2 |
| 4 | 0.0 | | | 0.0 | | | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 5 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 6 | 0.8 | 1 | 6 | 0.8 |
| 6 | 1 | 6 | 1.3 | 1 | 6 | 0.8 | 1 | 6 | 2.4 | 1 | 6 | 2 |
| 7 | 1 | 4 | 0.8 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 2 |
| 8 | 1 | 3 | 2 | 0.0 | | | 1 | 3 | 2 | 1 | 3 | 2 |
| 9 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 4 | 0.8 |
| 10 | 1 | 3 | 2 | 0.0 | | | 2 | 3 | 2 | 2 | 3 | 2 |
| 11 | 2 | 3 | 0.8 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 |
| 12 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 4 | 0.8 | 2 | 4 | 0.8 |
| 13 | 2 | 5 | 0.8 | 2 | 3 | 2 | 2 | 4 | 0.8 | 2 | 6 | 1.6 |
| 14 | 2 | 6 | 0.8 | 2 | 6 | 2 | 2 | 8 | 2.1 | 2 | 6 | 1.6 |
| 15 | 2 | 6 | 0.8 | 2 | 6 | 0.8 | 2 | 6 | 1.6 | 2 | 6 | 2.4 |
| 16 | 2 | 4 | 0.8 | 2 | 3 | 2 | 1 | 6 | 1.3 | 1 | 4 | 1.1 |
| 17 | 1 | 4 | 1.1 | 1 | 4 | 1.1 | 2 | 8 | 2.2 | 2 | 6 | 1.6 |
| 18 | 2 | 6 | 2.4 | 2 | 6 | 1.6 | 2 | 6 | 2.4 | 2 | 6 | 1.6 |
| 19 | 2 | 4 | 0.8 | 2 | 4 | 0.8 | 1 | 6 | 1.6 | 1 | 6 | 1.6 |
| 20 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 6 | 2 | 1 | 6 | 2 |
| 21 | 1 | 4 | 1.1 | 1 | 3 | 0.8 | 1 | 3 | 0.8 | 2 | 3 | 0.8 |
| 22 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 0.8 | 1 | 3 | 0.8 |
| 23 | 0.0 | | | 0.0 | | | 1 | 3 | 2 | 1 | 3 | 2 |
| 24 | tt | | | 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 | | |
| 28 | 0.0 | | | 0 | | | 1 | 3 | 2 | 1 | 3 | 2 |
| 29 | 0.0 | | | 0.0 | | | 1 | 3 | 2 | 1 | 3 | 2 |
| 30 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 0.8 | 1 | 4 | 0.8 |
| 31 | 1 | 3 | 0.8 | 1 | 3 | 0.8 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 2 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 3 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | tt | | | 0.0 | | |
| 5 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 6 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | tt | | |
| 7 | 1 | 4 | 1 | 1 | 4 | 1 | 2 | 6 | 2 | 2 | 6 | 2 |
| 8 | 2 | 6 | 2 | 2 | 6 | 2 | 2 | 4 | 1 | 0.0 | | |
| 9 | 0.0 | | | 0.0 | | | 1 | 4 | 1 | 1 | 3 | 0.8 |
| 10 | 1 | 4 | 1 | 2 | 4 | 1 | 2 | 4 | 2.2 | 2 | 4 | 2.2 |
| 11 | 2 | 4 | 1.5 | 2 | 4 | 0.5 | 2 | 4 | 1 | 2 | 4 | 1 |
| 12 | 0.0 | | | 2 | 4 | 1 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 13 | 1 | 3 | 0.4 | 1 | 4 | 1 | 1 | 6 | 2 | 1 | 6 | 2 |
| 14 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 15 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | tt | | | 0.0 | | |
| 16 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 17 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 18 | 0.0 | | | 0.0 | | | ... | | | ... | | |
| 19 | ... | | | ... | | | 1 | 4 | 1 | 1 | 4 | 1 |
| 20 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 |
| 21 | 1 | 3 | 0.8 | 1 | 3 | 0.8 | 1 | 4 | 1 | 1 | 3 | 0.4 |
| 22 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 1 | 1 | 6 | 0.8 |
| 23 | 1 | 4 | 1 | 1 | 4 | 1 | 0.0 | | | 0.0 | | |
| 24 | 0.0 | | | 0.0 | | | 1 | 6 | 2 | 1 | 6 | 2 |
| 25 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 26 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 27 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 28 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 2 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 3 | 0.0 | | | | | | 0.0 | | | 0.0 | | |
| 4 | 0.0 | | | | | | 0.0 | | | tt | | |
| 5 | 0.0 | | | | | | 0.0 | | | 1 | 3 | 0.4 |
| 6 | 0.0 | | | | | | 0.0 | | | 0.0 | | |
| 7 | 1 | 3 | 0.4 | 1 | 3 | 0.8 | 2 | 6 | 2.1 | 2 | 6 | 2.1 |
| 8 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 4 | 0.8 | 2 | 4 | 0.8 |
| 9 | 0.0 | | | | | | 0.0 | | | 1 | 3 | 0.4 |
| 10 | 2 | 4 | 0.8 | 2 | 4 | 0.8 | 2 | 5 | 2.5 | 2 | 5 | 1.5 |
| 11 | 2 | 4 | 0.8 | 2 | 4 | 0.8 | 2 | 4 | 1.3 | 2 | 4 | 1.4 |
| 12 | 2 | 3 | 1.3 | 2 | 3 | 1.3 | 2 | 4 | 0.8 | 2 | 4 | 0.8 |
| 13 | 2 | 3 | 0.4 | 2 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 14 | 2 | 4 | 0.8 | 2 | 6 | 0.7 | 2 | 6 | 1.4 | 2 | 6 | 1.3 |
| 15 | 2 | 6 | 2.1 | 2 | 6 | 1.4 | 2 | 6 | 2.1 | 1 | 6 | 1.3 |
| 16 | 1 | 6 | 1.3 | 1 | 4 | 0.8 | tt | | | 1 | 3 | 0.4 |
| 17 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 18 | 0.0 | | | | | | 0.0 | | | 1 | 3 | 0.4 |
| 19 | 0.0 | | | | | | 0.0 | | | 0.0 | | |
| 20 | 1 | 4 | 0.4 | 1 | 4 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 21 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 2 | 6 | 1.4 | 2 | 6 | 1.3 |
| 22 | 2 | 4 | 0.8 | 2 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 23 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 24 | 0.0 | | | | | | 0.0 | | | 1 | 6 | 2.1 |
| 25 | 0.0 | | | | | | 0.0 | | | 0.0 | | |
| 26 | 0.0 | | | | | | 0.0 | | | 0.0 | | |
| 27 | 0.0 | | | | | | 0.0 | | | 0.0 | | |
| 28 | 0.0 | | | | | | 0.0 | | | 0.0 | | |

Microseisms
Instrument: Mainka NS

March 1965

Hurbanovo

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 2 | 0.0 | | | 0.0 | | | 1 | 6 | 0.3 | 1 | 6 | 1.3 |
| 3 | 1 | 4 | 1 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 4 | 1 | 3 | 0.5 | 1 | 4 | 1 | 1 | 6 | 1.7 | 1 | 6 | 1.7 |
| 5 | 1 | 3 | 0.9 | 1 | 3 | 0.9 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 6 | 0.0 | | | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 |
| 7 | 1 | 4 | 1 | 1 | 6 | 0.9 | 1 | 6 | 1.3 | 1 | 6 | 2.1 |
| 8 | 1 | 6 | 2.1 | 1 | 6 | 0.9 | 1 | 6 | 0.9 | tt | | |
| 9 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 6 | 0.9 | 1 | 6 | 0.9 |
| 10 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | ... | | | ... | | |
| 11 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 12 | 0.0 | | | 1 | 4 | 1 | 1 | 4 | 1 | 0.0 | | |
| 13 | 0.0 | | | 1 | 4 | 1 | 1 | 4 | 1 | 0.0 | | |
| 14 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 15 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 16 | 0.0 | | | 0.0 | | | 2 | 6 | 1.3 | 2 | 6 | 1.3 |
| 17 | 2 | 4 | 1.5 | 2 | 4 | 1.5 | 1 | 6 | 3.5 | 1 | 6 | 3.5 |
| 18 | 1 | 6 | 3.5 | tt | | | 1 | 6 | 3.5 | 1 | 6 | 3.5 |
| 19 | 1 | 6 | 2.5 | 1 | 6 | 1.7 | 1 | 6 | 1.7 | 1 | 6 | 1.7 |
| 20 | 1 | 3 | 0.5 | 0.0 | | | 1 | 4 | 1 | 2 | 3 | 0.5 |
| 21 | 1 | 4 | 1 | 1 | 4 | 1 | 2 | 4 | 1 | 2 | 3 | 0.5 |
| 22 | 2 | 3 | 0.5 | 2 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 23 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 24 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 1 | 1 | 4 | 1 |
| 25 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 6 | 2.1 | 1 | 6 | 3.5 |
| 26 | 1 | 4 | 1 | 1 | 3 | 0.9 | 1 | 6 | 2.1 | 1 | 6 | 2.1 |
| 27 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 |
| 28 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 |
| 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 | | | 0.0 | | |

Microseisms
Instrument: Mainka EW

March 1965

Hurbanovo

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 2 | 0.0 | | | 0.0 | | | 1 | 6 | 0.8 | 1 | 6 | 1.4 |
| 3 | 1 | 3 | 0.9 | 0.0 | | | 1 | 3 | 0.9 | 1 | 4 | 0.8 |
| 4 | 1 | 3 | 0.9 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.5 |
| 5 | 1 | 3 | 0.5 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.5 |
| 6 | 1 | 3 | 0.5 | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 7 | 0.0 | | | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 |
| 8 | 1 | 6 | 2 | 1 | 6 | 2 | 1 | 6 | 2 | 1 | 6 | 2 |
| 9 | 1 | 6 | 1.3 | 1 | 6 | 1.3 | 1 | 6 | 1.3 | tt | | |
| 10 | 1 | 4 | 0.9 | 1 | 3 | 0.4 | 1 | 4 | 1.4 | 1 | 4 | 0.9 |
| 11 | 1 | 3 | 0.9 | 1 | 3 | 0.9 | 0.0 | | | 0.0 | | |
| 12 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 13 | 0.0 | | | 0.0 | | | 1 | 6 | 0.4 | 1 | 6 | 0.8 |
| 14 | 1 | 4 | 0.8 | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 15 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 16 | 0.0 | | | 0.0 | | | 1 | 3 | 0.9 | 2 | 6 | 1.3 |
| 17 | 2 | 6 | 0.8 | 2 | 6 | 0.8 | 1 | 6 | 3.2 | 1 | 6 | 2.3 |
| 18 | 1 | 6 | 1.3 | tt | | | 1 | 6 | 1.6 | 1 | 6 | 1.6 |
| 19 | 1 | 4 | 0.8 | 1 | 3 | 0.9 | 1 | 4 | 0.8 | 1 | 4 | 0.9 |
| 20 | 1 | 3 | 0.5 | 0.0 | | | 1 | 4 | 0.8 | 1 | 4 | 0.9 |
| 21 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 2 | 4 | 2.1 | 1 | 3 | 0.5 |
| 22 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 0.0 | | |
| 23 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.9 |
| 24 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.5 |
| 25 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 4 | 2.1 | 1 | 6 | 1.3 |
| 26 | 1 | 6 | 0.8 | 1 | 4 | 0.8 | 1 | 6 | 1.6 | 1 | 6 | 1.3 |
| 27 | 1 | 4 | 1.4 | 1 | 4 | 1.4 | 1 | 4 | 1.4 | 1 | 6 | 1.3 |
| 28 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 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 | | | 0.0 | | |

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 0.0 | | | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 |
| 2 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 3 | 0.0 | | | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 |
| 4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 5 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 6 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 7 | 1 | 3 | 0.4 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 8 | 0.0 | | | 0.0 | | | 1 | 3 | 0.9 | 0.0 | | |
| 9 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 10 | tt | | | 1 | 3 | 0.4 | 1 | 3 | 0.9 | 1 | 4 | 1 |
| 11 | 1 | 3 | 0.4 | 1 | 4 | 1 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 12 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 13 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 4 | 1 |
| 14 | 0.0 | | | 2 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 15 | 0.0 | | | 2 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 16 | 1 | 3 | 0.4 | 0.0 | | | 2 | 3 | 0.9 | 2 | 3 | 0.4 |
| 17 | 2 | 3 | 0.4 | 2 | 3 | 0.4 | 2 | 4 | 1 | 2 | 6 | 1.1 |
| 18 | 2 | 4 | 1 | 2 | 3 | 0.9 | 2 | 3 | 0.4 | 2 | 4 | 1 |
| 19 | 2 | 3 | 0.4 | 2 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 20 | 0.0 | | | 0.0 | | | 2 | 6 | 1.1 | 1 | 6 | 1.1 |
| 21 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 22 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 23 | 0.0 | | | 0.0 | | | 1 | 4 | 1 | 1 | 3 | 0.4 |
| 24 | 0.0 | | | 0.0 | | | 2 | 4 | 1 | 2 | 4 | 1 |
| 25 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 26 | 0.0 | | | 0.0 | | | 1 | 4 | 1 | 1 | 4 | 1 |
| 27 | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 28 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 29 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 30 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 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 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 5 | 0.0 | | | 0.0 | | | 1 | 4 | 0.9 | 1 | 3 | 0.5 |
| 6 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 0 | | |
| 7 | 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 | tt | | | 1 | 4 | 0.9 | 1 | 3 | 0.5 | 1 | 3 | 0.0 |
| 11 | 0.0 | | | 1 | 3 | 0.5 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 12 | 1 | 3 | 0.9 | 1 | 3 | 0.9 | 1 | 3 | 0.5 | 0.0 | | |
| 13 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 14 | 0.0 | | | 0.0 | | | 2 | 3 | 0.5 | 2 | 3 | 0.5 |
| 15 | 2 | 3 | 0.5 | 2 | 3 | 0.5 | 2 | 3 | 0.5 | 2 | 3 | 0.5 |
| 16 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 17 | 0.0 | | | 0.0 | | | 2 | 6 | 1 | 2 | 6 | 1 |
| 18 | 2 | 6 | 1 | 2 | 6 | 1 | 2 | 4 | 0.9 | 0.0 | | |
| 19 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 20 | 0.0 | | | 0.0 | | | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 21 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 22 | 0.0 | | | 0.0 | | | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 23 | 0.0 | | | 0.0 | | | 1 | 4 | 0.9 | 0.0 | | |
| 24 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 25 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 26 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 27 | 0.0 | | | 0.0 | | | 2 | 4 | 0.9 | 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 | | |

Microseisms
Instrument: Mainka NS
May 1965
Hurbanovo

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 2 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 3 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 4 | 0.0 | | | 0.0 | | | 1 | 6 | 1 | 1 | 6 | 1 |
| 5 | 1 | 4 | 0.9 | 1 | 6 | 1.5 | 2 | 6 | 2.5 | 2 | 6 | 1.5 |
| 6 | 2 | 4 | 0.5 | 2 | 3 | 0.4 | 2 | 3 | 0.4 | 2 | 3 | 0.4 |
| 7 | 0.0 | | | 2 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 8 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 9 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 10 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 11 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 12 | 0.0 | | | 0.0 | | | 2 | 4 | 0.4 | 1 | 3 | 0.4 |
| 13 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 14 | 0.0 | | | 0.0 | | | 1 | 6 | 0.5 | 1 | 3 | 0.5 |
| 15 | 0.0 | | | 0.0 | | | 1 | 6 | 0.5 | 1 | 3 | 0.4 |
| 16 | 0.0 | | | 0 | | | 0.0 | | | 0.0 | | |
| 17 | 0.0 | | | 0.0 | | | 1 | 6 | 0.5 | tt | | |
| 18 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 19 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 20 | tt | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 21 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.9 | 1 | 3 | 0.2 |
| 22 | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | | 0.0 | | |
| 23 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 24 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 25 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | tt | | |
| 26 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 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 | | | 1 | 3 | 0.4 |
| 30 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 31 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |

Microseisms
Instrument: Mainka EW
May 1965
Hurbanovo

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 2 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 3 | 0.0 | | | 0.0 | | | 1 | 3 | 0.6 | 0.0 | | |
| 4 | 0.0 | | | 0.0 | | | 1 | 6 | 0.9 | 1 | 6 | 0.9 |
| 5 | 2 | 6 | 0.9 | 2 | 6 | 0.9 | 2 | 6 | 1.1 | 2 | 4 | 0.8 |
| 6 | 1 | 3 | 0.9 | 1 | 3 | 0.9 | 1 | 4 | 1 | 1 | 4 | 1 |
| 7 | 0.0 | | | 1 | 4 | 1 | 0.0 | | | 0.0 | | |
| 8 | 0.0 | | | 0.0 | | | 1 | 3 | 0.6 | 1 | 3 | 0.6 |
| 9 | 0.0 | | | 0.0 | | | 1 | 3 | 0.6 | 1 | 3 | 0.6 |
| 10 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 11 | 0.0 | | | 0.0 | | | 1 | 4 | 0.6 | 1 | 3 | 0.6 |
| 12 | 0.0 | | | 1 | 3 | 0.6 | 1 | 4 | 0.6 | 1 | 3 | 0.6 |
| 13 | 0.0 | | | 0.0 | | | 1 | 6 | 0.5 | 0.0 | | |
| 14 | 0.0 | | | 0.0 | | | 1 | 6 | 0.5 | 1 | 6 | 0.5 |
| 15 | 0.0 | | | 0.0 | | | 1 | 3 | 0.6 | 0.0 | | |
| 16 | 0 | | | 0 | | | 0.0 | | | 0.0 | | |
| 17 | 0.0 | | | 0.0 | | | 1 | 6 | 0.5 | tt | | |
| 18 | 1 | 6 | 0.5 | 1 | 6 | 0.5 | 1 | 3 | 0.6 | 1 | 3 | 0.6 |
| 19 | 1 | 3 | 0.6 | 1 | 3 | 0.6 | 1 | 6 | 0.9 | 1 | 4 | 1 |
| 20 | tt | | | 1 | 4 | 1 | ... | | | ... | | |
| 21 | ... | | | 1 | 3 | 1 | 1 | 4 | 0.8 | 1 | 4 | 1 |
| 22 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 4 | 1 |
| 23 | 1 | 4 | 1 | 1 | 4 | 1 | 0.0 | | | 0.0 | | |
| 24 | 0.0 | | | 0.0 | | | ... | | | ... | | |
| 25 | 1 | 3 | 0.6 | 0.0 | | | 1 | 3 | 0.6 | 0.0 | | |
| 26 | 1 | 6 | 0.9 | 1 | 4 | 1 | 1 | 3 | 0.6 | 1 | 3 | 0.6 |
| 27 | 1 | 3 | 0.6 | 1 | 3 | 0.6 | 1 | 3 | 0.6 | 1 | 3 | 0.6 |
| 28 | 0.0 | | | 0.0 | | | 1 | 6 | 0.5 | 1 | 6 | 0.5 |
| 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 | | | 0.0 | | |

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 2 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | ... | | | 0.0 | | |
| 3 | 0.0 | | | 0.0 | | | 0.0 | | | tt | | |
| 4 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | |
| 5 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 6 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 7 | 0.0 | | | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 |
| 8 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 0.9 | 1 | 3 | 0.5 |
| 9 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 10 | 0.0 | | | 0.0 | | | 1 | 6 | 0.4 | 1 | 6 | 0.4 |
| 11 | 0.0 | | | 1 | 6 | 0.4 | 1 | 6 | 0.4 | 1 | 4 | 0.9 |
| 12 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 13 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 14 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | |
| 15 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | |
| 16 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | ... | | | ... | | |
| 17 | ... | | | 1 | 3 | 0.5 | 1 | 6 | 0.4 | 1 | 4 | 0.3 |
| 18 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 19 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 20 | tt | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 21 | 0.0 | | | 1 | 3 | 0.5 | 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 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 25 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 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 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 30 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |

| TGM | 00 ^h | | | 06 ^h | | | 12 ^h | | | 18 ^h | | |
|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|-----------------|---|-----|
| | K | T | A | K | T | A | K | T | A | K | T | A |
| 1 | 1 | 3 | 0.5 | 1 | 6 | 0.9 | 1 | 6 | 0.5 | 1 | 6 | 0.9 |
| 2 | 1 | 6 | 0.5 | 1 | 6 | 0.5 | 1 | 4 | 0.8 | 1 | 3 | 0.5 |
| 3 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | | tt | | |
| 4 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 5 | 0 | | | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 6 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 7 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 8 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 9 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 6 | 0.5 |
| 10 | 1 | 6 | 0.5 | 1 | 6 | 0.5 | 1 | 6 | 0.5 | 1 | 6 | 0.5 |
| 11 | 0.0 | | | ... | | | 1 | 6 | 0.5 | 1 | 6 | 0.5 |
| 12 | 0.0 | | | 1 | 3 | 0.9 | 1 | 3 | 0.9 | 1 | 6 | 0.9 |
| 13 | 1 | 4 | 0.8 | 1 | 3 | 0.9 | 1 | 6 | 0.5 | 0.0 | | |
| 14 | 0.0 | | | 1 | 6 | 0.9 | 0.0 | | | 0.0 | | |
| 15 | 1 | 3 | 0.5 | 1 | 4 | 0.8 | 1 | 3 | 0.5 | 0.0 | | |
| 16 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | ... | | | ... | | |
| 17 | ... | | | 1 | 3 | 0.5 | 1 | 6 | 0.5 | 1 | 4 | 0.4 |
| 18 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 19 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 20 | tt | | | 1 | 3 | 0.5 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 21 | 0.0 | | | 1 | 3 | 0.5 | 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 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 25 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 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 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 30 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |

21 DEC 1971

Geophysical Institute of the Czechoslovak Academy
of Sciences

BULLETIN
OF THE CZECHOSLOVAK
SEISMOLOGICAL STATIONS
PRŮHONICE, PRAHA, KAŠPERSKÉ HORY,
BRATISLAVA, ŠROBÁROVÁ, HURBANOVO AND
SKALNATÉ PLESO

JULY – DECEMBER 1965

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Introduction

The final interpretation of seismograms recorded at the Czechoslovak seismograph stations in the period July - December 1965 is presented in the second volume of the Seismological Bulletin 1965. The method of treatment was the same as described in the Preface to the Volume I (January - June 1965). The group of authors preparing the yearly bulletin did not change in the second half-year 1965, as well as the international exchange of preliminary reports.

VÍT KÁRNÍK
Chief of the Czechoslovak Seismological Service

Notation of symbols

(Remark: Only the symbols not generally used are explained)

| | |
|--------------------------|--|
| T_1 | = free period of the seismometer |
| T_2 | = free period of the galvanometer |
| V_0 | = static magnification |
| V_m | = maximum magnification |
| $\varepsilon : 1$ | = damping ratio |
| D_1 | = damping constant of the seismometer |
| D_2 | = damping constant of the galvanometer |
| σ | = coupling coefficient |
| D | = epicentral distance determined by the analysis of the record |
| D_c | = epicentral distance calculated using the geocentric coordinates of the station and the epicentre |
| P_x, X_1, X_2 | = special phases of near earthquakes |
| S_x, S_{b_1}, S_{b_2} | |
| PKP | = core wave, not precisely identified |
| PKIKP | = core wave travelling through the Earth's inner core |
| PKHKP | = core wave refracted on a discontinuity between the outer and inner core boundaries, preceding PKIKP at distances smaller than about 142° and following it at larger distances |
| PKP ₂ | = core wave penetrating only into the outer core |
| L, L_m | = long period surface wave and its maximum |
| L_mH | = 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 |
| PV, PPV, SV | = maximum vertical amplitude of the wave in question |
| PV(cp) | = maximum amplitude of the P wave recorded by the shortperiod vertical seismograph |
| MLH, MPH, MPV, MPPH, MSH | = magnitude determined using the waves LH, PH, PV, PPH and SH, respectively |
| M | = value of magnitude quoted from another source |
| K | = characteristics of the microseisms |
| T(s) | = period of microseisms in seconds |
| A(μ) | = amplitude of microseisms in microns |
| 1 | = microseisms in regular groups |

2 = continuous motion
3 = irregular motion
tt = record disturbed by an earthquake
v = record disturbed by the wind

Seismic observations of the station PRŮHONICE

July - December 1965

V.Kárník, J.Nykles

Instruments:

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

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

Elevation: h = 302 m.

Lithologic foundation: algonkian layers.

| Instrument | Compt. | T ₁ (s) | T ₂ (s) | D ₁ | D ₂ | σ^2 | V ₀ | T _m | V _m |
|------------|--------|--------------------|--------------------|----------------|----------------|------------|----------------------|----------------|----------------|
| I | N | 2.6 | | 0.57 | | | 1870 | 1.6 | 1 975 |
| | E | 2.6 | | 0.55 | | | 1870 | 1.6 | 2 040 |
| II | | | | | | | | | |
| SVSN - 4 | Z | 0.96 | 1.47 | 1 | 1 | 0.17 | 5.72x10 ⁶ | 0.8 | 36 000 |
| SVSN - 6 | Z | 0.55 | 0.28 | 0.6 | 0.6 | 0.25 | 4.78x10 ⁶ | 0.3 | 210 000 |
| 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 | 1 040 |

| Date | Phase | h m s | Remarks |
|------|--|---|--|
| 1 | eiPg | 02 54 22.5 | D=1.1°. iSg 54 36.0 |
| 1 | iPg | 10 00 04 | i 00 18.5. |
| 1 | eiPg | 12 50 27 | D=1.6°. eiSg 50 49. |
| 1 | iP eiPcP | 17 53 15.8 53 29 | D. Kurile Islands 50.1°N 159.0°E, H= = 17 41 32.0, h=35 km (ISC). M=5.1 ISC, USCGS, MPV=5.3(cp) Prühonice. Dc=75.8°. PV(cp): 1s 23µ. |
| 1 | eP | 20 00 52 | Unimak Island 53.7°N 163.6°W, H= =19 49 12.5, h=120km (ISC). M=4.5 USCGS, 4.1 ISC. Dc=76.7°. |
| 1 | eiPKIKP eiPKP2 eiPP ei eSS eSSS eL Lm | 23 32 44.3 33 49.6 37 40 38 05 59 00 00 04.1 33 51 | South Pacific Cordillera 63.1°S 163.8°W, H=23 12 48, h=61km(ISC). M=5.7 ISC, MIH= =6.1 Prühonice. D=167°, Dc=166.8°. LMH: 20s 2.1µ. |
| 2 | eiP | 05 19 03.7 | C. Aleutian Islands 52.2°N 173.2°E, H= = 05 07 22.3, h=93km(ISC). M=4.8 USCGS, 4.5 ISC, MPV=4.6(cp) Prühonice. Dc= =76.5°. PV(cp):1s 12µ. |
| 2 | iPg | 08 13 24.2 | D=1°. i 13 25.4. iSg 13 37.5. |
| 2 | ei | 08 58 23.5 | |
| 2 | ei | 10 02 56.2 | |
| 2 | e | 11 02 15 | ei 02 28, i 02 43. |
| 2 | ei | 13 59 31 | ei 59 37.5, i 59 42. |
| 2 | iPn iPg eiSn iSg | 16 59 22.3 59 31.8 17 00 02 00 17.5 | Explosion of 14.3 Tons 47°37.9'N 11°08.7' E (München). D=3.2°, Dc=3.3°. |
| 2 | iPg | 17 04 27 | D=1.6°. iSg 04 49. |
| 2 | eiP eiPcP | 20 31 32.1 31 44 | C. Aleutian Islands 52.0°N 175.5°E, H= =20 19 42.7, h=45km(ISC). M=5.4 USCGS, 5.2 ISC, MPV=5.1(cp) Prühonice. Dc= =77.1°. PV(cp): 1.3s 19µ. |

| Date | Phase | h m s | Remarks : |
|------|--|---|---|
| 2 | iP i i eiPP iS eiPS ei eiSS Q Qm R Rm | 21 10 29.8 11 00.8 11 31.5 13 27 20 13 21 09 24 09 25 21 31 37 43 48 | C.S.E. Aleutian Islands 53.0°N 167.5°W, H=20 58 38.1, h=40km(ISC). M=6.7 USC USCGS, MPV=7.0(cp), MLH=7.0 Prühonice. D=76.5°, Dc=77.3°. PV(cp): 1.5s 2048µ, QmH: 42s 165µ, RmH: 21s 40µ. |
| 2 | eiP | 21 29 41.5 | |
| 2 | eiP | 21 37 18 | ei 40 56. |
| 3 | iP ei eiPP eS eL Lm | 02 28 14.0 28 45 29 04 33 04.5 35 38 | C. North Atlantic Ocean 52.7°N 32.1°W, H=02 22 18.1, h=30km(ISC). M=5.3 USC ISC, MPV=5.3(cp) Prühonice. D=29.5°, Dc=28.8°. PV(cp): 2.2s 115µ, LmH: 16s 9.7µ. |
| 3 | iPg | 05 33 52.0 | D=1.8°. iSg 34 16. |
| 3 | iPn iPg i | 10 23 41.3 23 42.8 23 55.5 | D=1.1°. iSg 23 55.8. |
| 3 | eiPKIKP | 11 26 38.8 | West of Tonga 18.5°S 177.9°W, H= =11 07 52.5, h=514km(ISC). M=4.2 USC 3.7 ISC. Dc=147.2°. |
| 3 | eiP ei eiPP eiS eSSS eL Lm Lm | 11 37 29 38 06.3 40 12 46 50 54.7 12 04 07.5 09 | Burma-China 22.5°N 101.5°E, H=11 26 09.7, h=20km(ISC). M=5.3 USC 5.2 ISC, MPV=5.1(cp), MLH=5.9 Prü D=72.5°, Dc=71.2°. PV(cp): 1s 15 µ, LmN: 21s 6.3µ, LmH: 20s 5.1µ. |
| 3 | eP | 12 02 42 | Burma-China 22.3°N 101.1°E, H=11 51 25.5, h=33km(USCGS). |
| 3 | ePKIKP | 21 38 50 | West of Tonga 20.6°S 178.9°W, H=21 20 18.0, h=619km. M=4.1 (USCGS). Dc=149.0°. |
| 4 | eiPKIKP | 09 20 03.3 | C. West of Tonga 16.0°S 176.5°W, H=09 01 10.6, h=384km(ISC). M=4.4 USC 4.2 ISC. Dc=145.0°. |

| Date | Phase | h m s | Remarks |
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| 5 | eiP ei | 01 49 53.3 50 06 | Kurile Islands 43.9°N 149.2°E, H=01 37 57.7, h=73km(ISC). M=4.7 USCGS, 4.3 ISC. Dc=78.5°. |
| 5 | eiP ei eiS Q Qm R Rm | 08 38 06.3 39 03 43 00 44 42 46 47 20 48.5 | C. North Atlantic Ocean 52.9°N 34.3°W, H=08 31 58.4, h=25km(ISC). M=5.6 USCGS, 5.4 ISC, MPV=5.1(cp), MLH=5.4 Prühonice. D=30°, Dc=30.1°. PV(cp): 2.2s 65µ, QmH: 40s 7.9µ, RmH: 16s 6µ. |
| 5 | eiPg | 10 13 01.5 | D=1°. iSg 13 15. |
| 5 | eiPn | 11 32 11.3 | D=1.1°. ei 32 12.8, eiSg 32 25.5. |
| 5 | ei | 12 51 16.5 | eiSg 51 32.5, ei 51 57. |
| 5 | eiPb iPg eiSg Lm | 19 37 42.5 37 47.3 38 29 38 50 | Austria 47.4°N 11.7°E, H=19 36 47 (BCIS). D=3.2°, Dc= 3.2°. |
| 5 | i | 19 40 51.3 | i 41 33.0, ei 42 25. |
| 5 | e | 19 46 59 | |
| 5 | eiP | 23 52 37.5 | Burma 21.2°N 94.8°E, H=23 41 39.0, h= 13km. M=4.5 USC, 4.4 ISC. Dc=67.9°. |
| 6 | eiP | 01 23 54 | D. Alaska 60.2°N 148.7°W, H=01 12 52.3, h=67km(ISC). M=4.3 ISC, 3.9 USC. Dc= =69.3°. |
| 6 | eiP i i iS Rm | 03 21 44.8 21 51.3 22 12.3 24 08.0 28.5 | D.S.E. Greece 38.4°N 22.4°E, H= =03 18 42.1, h=18km(ISC). MLH=6.3 Prü honice. D=12.8°, Dc=12.9°. RmH: 8s 140µ, RmV: 8s 27µ, PH: 7.5s 11µ. PV: 7.5s 4.3µ, SH: 10s 13.2µ, SV: 10s 5.7µ. |
| 6 | iP ei | 04 20 36.7 21 03 | C. Kurile Islands 46.7°N 152.5°E, H= =04 08 48.3, h=48km(ISC). M=5.6 USC 5.4 ISC, MPV=5.5(cp) Prühonice. Dc=77.0°. PV(cp): 1s 41µ. |
| 6 | iP | 05 10 17.1 | C. Kamchatka 54.9°N 162.1°E, H= =04 58 58.2, h=59km(ISC). M=5.2 USC 5.1 ISC, MPV=5.4(cp) Prühonice. Dc=72.0°. PV(cp): 1s 35µ. |
| 6 | eiPn iPg ei | 07 54 07 54 08.5 54 19.5 | D=1.1°. iSg 54 22.5. |
| 6 | eiPg | 08 35 35.5 | D=1°. iSg 35 47.5. |

| Date | Phase | h m s | Remarks |
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| 6 | eiPn | 10 43 03 | D=1°. iPg 43 04.5, iSg 43 17.0. |
| 6 | eiPg | 12 49 05 | D=2.4°. ei 49 29, iSg 49 37.5. |
| 6 | ei | 13 01 17.5 | |
| 6 | eiP ei | 13 38 12.5 38 57 | Crete 34.7°N 25.6°E, H=13 34 14.8, h=61km(ISC). M=4.7 USCGS, 4.6 ISC. Dc=17.3°. |
| 6 | eiP | 15 40 16 | C. Aleutian Islands 52.9°N 171.8°E, H=15 28 31.6, h=25 km(ISC). M=4.8 ISC, 4.7 USCGS, MPV=5.1(cp) Prühonice. Dc=75.7°. PV(cp): 1s 16µ. |
| 6 | iPKIKP ei eiPP isPKP ei e ei Lm | 18 54 48.3 56 11 56 36 57 36 58 21 19 05 40 07 14 39 | D. Solomon Islands 4.5°S 155.1°E, H=18 36 47.3, h=509km(ISC). M=6.4 USCGS, 5.6 ISC. Dc=123.8°. |
| 6 | eiP | 19 04 37.8 | PV(cp): 1.3s 63µ. ei 07 38, i 08 26.0. |
| 6 | eiPg | 23 48 39 | D=2.3°. iSg 49 08. |
| 7 | eiPg | 01 29 06.5 | D=2.3°. ei 29 09.0, iSg 29 36.0. |
| 7 | eiPg | 10 04 38 | D=1.2°. i 04 40.0, iSg 04 54.0. |
| 7 | e | 10 45 29 | ei 45 48.5. |
| 7 | eiPg | 11 04 03.5 | D=1.1°. i 04 05.0, iSg 04 18.0. |
| 7 | e | 11 30 13 | iSg 30 34.5. |
| 7 | ePKIKP | 12 27 46 | South of Australia 49.8°S 117.1°E, H=12 08 33.9, h=25km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=132.3°. |
| 7 | eiPg | 12 47 15.5 | D=1.8°. iSg 47 39.5. |
| 7 | e | 12 59 16 | e 59 43. |
| 7 | eiPg | 14 33 59 | Aleutian Islands 52.6°N 173.4°E, H=14 22 08.9, h=10km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=76.3°. |
| 7 | ePKIKP | 15 56 56 | Tonga Islands 15.0°S 173.0°W, H=15 37 21.3, h=33km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=144.6°. |
| 7 | eP | 17 27 49 | Aleutian Islands 51.4°N 174.8°E, H=17 15 53.7, h=28km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=77.5°. |

| Date | Phase | h m s | Remarks |
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| 7 | iP eipP eiS ei Lm | 21 50 57.9 51 56.5 22 01 00 02 44 27 | C. Japan 32.8°N 139.0°E, H=21 38 52.0, h=226km(ISC). M=5.6 USCGS, 5.2 ISC, MPV=5.3(cp) Prühonice. D=84°, Dc=84.0°. PV(cp): 1.2s 66µ. |
| 7 | eiP eiPP ei | 23 13 23 17 15 17 33 | Sunda Strait 6.9°S 105.6°E, H=23 00 06.3, h=104km(ISC). M=5.8 USCGS, 5.4 ISC. Dc=95.9°. |
| 7 | eiPKIKP ei | 23 22 06 22 19 | D. Samoa Islands 14.9°S 172.9°W, H=23 02 25.2, h=32km(ISC). M=5.1 USCGS, 5.0 ISC. Dc=144.5°. |
| 7 | eiP eiPcP Lm | 23 47 23.5 47 34.1 00 27 | Aleutian Islands 51.3°N 177.4°E, H=23 35 32.6, h=84km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=78.0°. |
| 8 | eiP ei ei | 00 18 58.8 19 31 23 20 | Jan Mayen Island 72.0°N 1.8°W, H=00 13 54.8, h=33km(ISC). M=4.7 USCGS, 4.5 ISC. Dc=23.1°. |
| 8 | e | 00 59 51 | |
| 8 | iPg i | 02 50 46.3 50 59.3 | D. D=1.8°. iSg 51 10.3. |
| 8 | ei | 12 39 51 | ei 40 02.5, i 40 15.5. |
| 8 | ei | 12 42 45 | |
| 8 | e | 12 50 19 | |
| 8 | iPKIKP ei | 13 23 37.3 23 46.6 | D. Fiji Islands 15.8°S 179.2°W, H=13 04 00.6, h=2km(ISC). M=4.9 USCGS, 4.7 ISC. Dc=144.1°. |
| 8 | iPg | 14 36 24.5 | D=2°. iSg 36 50.5. |
| 8 | eiPKIKP | 16 26 54.5 | Tonga Islands 15.9°N 174.7°W, H=16 07 19.3, h=57km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=145.2°. |
| 8 | eiPn iPg iSn iSg i Lm | 23 20 55.5 21 05.0 21 28.5 21 48.0 21 52.0 22 17 | Austria 47.3°N 11.3°E, H=23 20 01.6, h=3km(ISC). M=4.4 ISC, USCGS, MLH=3.2 Prühonice. D=3.2°, Dc=3.4°. LmH: 8s 1µ. |
| 8 | eiPn i iSg | 23 29 57.4 30 06.9 30 33.6 | Austria 47.9°N 16.2°E, H=23 29 30 (BCIS). D=2.3°, Dc=2.3°. |
| 9 | iPg | 12 50 03 | D=1.7°. iSg 50 26.5. |

| Date | Phase | h m s | Remarks |
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| 9 | eiPn i i i iSn iSg Lm | 22 49 30 49 30.7 49 39.7 49 50.2 49 58 50 07.5 50 36 | Austria 47.6°N 12.7°E, H=22 48 49.1, h= =49km (ISC). MLH=2.7 Průhonice. Dc=2.7°. |
| 10 | eP ei eL Lm | 04 38 04 38 15.6 05 06 12.5 | Kamchatka 55.3°N 162.7°E, H=04 26 37.5, h=2km (ISC). M=5.0 USCGS, 4.8 ISC, MLH= 5.4 Průhonice. Dc=71.8°. |
| 10 | eiL ei | 08 13 42.2 14 08.7 | Crete 34.7°N 23.3°E, H=08 09 46.1, h= =7km (ISC). M=4.4 ISC. Dc=16.5°. |
| 10 | ePg | 10 06 09 | D=1°. eiSg 06 22. |
| 10 | e | 12 02 02.5 | ei 02 07. |
| 10 | eiP | 13 04 18.4 | Kurile Islands 45.4°N 151.4°E, H= =12 52 25.5, h=59km (ISC). M=4.9 USCGS, 4.8 ISC, MPV=5.0(cp) Průhonice. Dc=77.9°, PV(cp): 1.2s 26 mp. |
| 10 | eP eipP | 19 34 04 34 36 | Japan 41.5°N 140.5°E, H=19 22 20.0, h= =144km (ISC). M=5.2 USCGS, 5.0 ISC. Dc= =77.3°. |
| 11 | e | 05 23 14.5 | ei 23 21. |
| 11 | ePKIKP | 05 41 17 | Samoa Islands 15.3°S 173.0°W, H= =05 21 41.6, h=16km (ISC), M=4.9 ISC, USCGS. Dc=144.9°. |
| 11 | eP | 09 57 41 | Iceland 62.3°N 25.7°W, H=09 52 17.8, h= =21km(ISC). M=4.7 USCGS, 4.6 ISC. Dc= 25.1°. |
| 11 | ePg | 11 55 47 | D=1.8°. eiSg 56 11. |
| 11 | eP | 16 27 30 | Japan 36.2°N 140.1°E, H=16 15 19.0, h= =65km (ISC). M= 4.5 USCGS, 4.3 ISC. Dc= =81.6°. |
| 11 | eiPKIKP eipPKIKP | 20 31 59.8 33 04.6 | Tonga Islands 18.9°S 175.5°W, H= =20 12 41.5, h=242km (ISC). M=4.8 ISC, 4.7 USCGS. Dc=147.9°. |
| 11 | ePKIKP | 23 14 27 | Tonga Islands 16.6°S 173.0°W, H= =22 54 44.3, h=33km(USCGS). M=4.7 USCGS. Dc=146.1°. |

| Date | Phase | h m s | Remarks |
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| 12 | eiPKIKP ei | 05 53 47.6 54 19 | Samoa Islands 16.5°S 172.9°W, H= =05 34 10.7, h=62 km (ISC). M=5.0 USCGS, 4.9 ISC. Dc=146.1°. |
| 12 | eP ei | 09 55 37 55 54 | Turkey 37.6°N 29.3°E, H=09 51 48.7, h= =50km(ISC). M=4.6 USCGS, 4.5 ISC. Dc= =16.3°. |
| 12 | ePn eiPg ei | 12 44 02 44 04 44 20 | D=1.6°. eiSg 44 27. |
| 12 | ePg | 13 30 35 | D=1.7°. eiSg 30 58. |
| 12 | e | 14 04 36 | |
| 13 | e | 08 50 52 | |
| 13 | e | 10 34 59.5 | eiSg 35 12.5. |
| 13 | eP | 14 21 26 | Aleutian Islands 51.5°N 178.4°W, H= =14 09 21.1, h=55km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=78.3°. |
| 13 | eiP | 14 22 44 | Turkey 37.5° N 27.8° E, H=14 19 01.0, h=35km(ISC), M=4.5 ISC, 4.4 USCGS. Dc= =15.7°. |
| 13 | eiPKIKP eipPKIKP | 20 04 52 05 44.5 | D. West of Tonga 21.1°S 176.2°W, H= =19 45 25.8, h=203 km(ISC), USCGS. Dc= =149.9°. |
| 13 | e | 23 44 20 | ei 44 26. |
| 14 | ei | 03 25 25 | ei 25 37. |
| 14 | e | 12 03 36 | ei 03 52. |
| 14 | eiP | 12 28 31 | Aleutian Islands 52.6°N 168.5°W, H= =12 16 37.3, h=32km(ISC). M=4.7 ISC, 4.5 USCGS. Dc=77.8°. |
| 14 | eiSg | 12 45 35 | |
| 14 | iPg | 14 03 38 | D=34km. iSg 03 42. |
| 14 | eP | 15 49 18 | Ionian Sea 38.6°N 21.2°E, H=15 46 25.3, h=117km(USCGS). M=4.1 USCGS. Dc=12.3°. |
| 14 | eiP ei | 18 07 51 08 33 | Aleutian Islands 52.6°N 168.5°W, H= = 17 55 51.8, h=6km(ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.2 Průhonice. Dc=77.7°. PV(cp): 1.2s 23mp. |

| Date | Phase | h m s | Remarks |
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| 14 | eiP | 18 13 26.8 | Aleutian Islands 52.5°N 168.6°W, H= =18 01 28.8, h=12km(ISC). Dc=77.8°. |
| 15 | eiPg | 03 26 25.3 | D=1°. eiSg 26 38.5. |
| 15 | e | 03 58 30.5 | ei 58 38. |
| 15 | eiPg | 05 06 43.2 | D=1.8°. eiSg 07 07.8. |
| 15 | e | 08 04 44 | ei 04 57. |
| 15 | eiP | 10 55 47.5 | |
| 15 | e | 11 44 49.5 | |
| 15 | e | 13 00 35 | ei 01 00. |
| 15 | eiP | 14 26 31.5 | D. Off East Coast of United States 37.3°N 74.4°W, H=14 16 07.3, h=0km(ISC). M=5.3 ISC, 5.1 USCGS. Dc=61.9°. |
| 15 | ePg | 17 02 49.5 | D=38km. eiSg 02 54. |
| 15 | e | 18 45 21 | |
| 15 | iP eiPP | 18 45 58 50 01 | D. Philippine Islands 7.6° 123.8°E, H=18 33 31.8, h=605km(ISC). M=6.0 USCGS, 5.7 ISC, MPV=5.8(cp) Prühonice. Dc=96.3°. PV(cp): 1.5s 100mp. |
| 15 | e | 20 54 02 | ei 54 10.5. |
| 16 | eiPKIKP | 07 45 52.5 | West of Tonga 19.4°S 177.7°W, H= =07 27 12.3, h=589km(ISC). M=4.9 USCGS, 4.2 ISC. Dc=148.0°. |
| 16 | e | 14 37 49.5 | |
| 17 | ePKIKP ei ei eiPP eiPKS ei eiSS eL Lm | 07 39 39.5 40 09.6 41 56 42 06.5 43 08 54 48 59 34 08 20 41 | Solomon Islands 9.8°S, 159.9°E, H= =07 20 29.0, h=13km(ISC). M=6.4 USCGS, 5.7 ISC, MLH=5.8 Prühonice. Dc=130.7°. LmH:20s 1.9p. |
| 17 | eiPn ei ei eiSn eiSg | 08 42 41.6 42 56.8 43 19 43 33 43 51 | Yugoslavie 46.1°N 14.7°E, H=08 41 45 (BCIS). D=3.8°, Dc=3.9°. |

| Date | Phase | h m s | Remarks |
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| 17 | ei | 08 56 14 | ei 56 23.5, ei 56 35.8. |
| 17 | e | 08 03 06.5 | ei 03 20, ei 03 31. |
| 17 | ePKIKP eiPP | 13 06 49 08 47 | New Britain 7.2°S 153.7°E, H=12 47 50.5, h=30km(ISC). M=5.7 USCGS, 5.4 ISC. Dc= 125.4°. |
| 17 | ePKIKP eiPKHKP eiPKP2 e eL Lm | 13 19 05 19 16 19 31.3 25 46 14 20 33 | Kermadec Islands 27.2°S 177.6°W, H= =12 59 10.7, h=24km(ISC). M=5.4 ISC, USCGS. Dc=155.4°. |
| 17 | eP | 16 03 24 | Leeward Islands 17.8°N 61.6°W, H= =15 52 28.1, h=45km(ISC). M=5.2 USCGS, 4.9 ISC. Dc=67.7°. |
| 17 | eP | 18 33 18 | Alaska 54.6°N 161.5°W, H=18 21 31.5, h=11km(ISC), M=5.0 USCGS, 4.9 ISC. Dc= =75.7°. |
| 17 | e | 18 49 29 | eiSg 49 32. |
| 18 | eiPg | 06 35 54.7 | D=1.4°. eiSg 36 13. |
| 18 | eiP | 22 26 58.8 | C. Kurile Islands 45.5°N 151.5°E, H= =22 15 02.3, h=25km(ISC). M=5.5 USCGS, 5.3 ISC, MPV=5.6(cp) Prühonice. Dc=77.8°. PV(cp): 1s 46mp. |
| 19 | eiP | 00 15 49 | C. Kurile Islands 45.6°N 151.4°E, H= =00 03 54.6, h=36km(ISC). M=5.1 USCGS, 4.6 ISC. Dc=77.7°. |
| 19 | eiPg | 03 18 58.5 | D=1.8°. eiSg 19 23. |
| 19 | eiP ei ei | 04 25 27.8 25 36.5 27 42.5 | Venezuela 9.2°N 70.4°W, H=04 13 21.1, h=31km(ISC). M=5.4 ISC, 5.3 USCGS. Dc= =79.8°. |
| 19 | ePg | 12 49 04 | D=1.4°. eiSg 49 22. |
| 19 | eSg | 13 25 07 | Poland 50.3°N 19.0°E, H=13 23 32.8. Mag.=2.6(Warsaw). Dc=2.9°. |
| 19 | e | 15 38 03 | |
| 19 | e | 22 09 07.5 | ei 09 13.5. |
| 20 | ePKP2 | 00 13 11 | Fiji Island 25.6°S 180.0°W, H= =23 53 55.1, h=485km(ISC). M=4.9 ISC, 4.8 USCGS. Dc=153.1°. |

| Date | Phase | h m s | Remarks |
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| 20 | eiP ei ei | 07 51 05.2 51 47 52 47.5 | D. Afghanistan 36.7°N 71.3°E, H= =07 43 27.9, h=191km (ISC). M=5.1 USCGS, 4.7 ISC, MPV=4.5(cp) Prühonice. D=42.4°. PV(cp): 0.7s 11mp. |
| 20 | eiP | 11 31 37.8 | C. Kurile Islands 48.7°N 155.6°E, H= =11 19 53.4, h=42km (ISC). M=5.2 USCGS, 5.1 ISC, MPV=5.5(cp) Prühonice. Dc= =76.1°. PV(cp): 0.8s 28mp. |
| 20 | eiPg | 12 40 48.5 | D=60km. eiSg 40 55.6. |
| 20 | eiP ei ePP eS eL Lm | 13 31 55 32 03.7 35 49 43 16 14 06 17 | C. Philippine Islands 7.6°N 124.1°E, H=13 18 27.3, h=30km(ISC). M=5.7 USCGS, 5.6 ISC, MPV=5.9(cp), MLH=5.4 Prühonice. D=97°, Dc=96.6°. PV(cp): 1.4s 42 mp, LmH: 20s 1.4p. |
| 20 | eiPg | 14 04 31 | D=100km. ei 04 32.8, eiSg 04 43. |
| 20 | ePKP2 | 14 13 01 | South of Fiji 26.5°S 176.4°W, H= =13 52 50.1, h=66km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=154.8°. |
| 20 | e | 15 40 32 | |
| 21 | ePKIKP eiPKP2 ei eL Lm | 03 11 23 11 31.8 12 05 04 02 15 | Tonga Islands 20.9°S 175.7°W, H= =02 51 39.8, h=58km(ISC). M=5.7 USCGS, 5.5 ISC. Dc=149.9°. |
| 21 | eiPg | 03 19 45 | D=1.8°. eiSg 20 09. |
| 21 | eP | 04 02 17 | Mid-Indian Rise 24.1°S 69.5°E, H= =03 49 27.8, h=33km(ISC). M=4.6 USCGS. Dc=88.4°. |
| 21 | ei | 12 52 06.5 | eiSg 52 29. |
| 21 | eiP ei ei eiPP eL Lm | 18 04 12 04 20 04 44 06 59 30 42 | C. Aleutian Islands 53.3°N 170.4°E, H= =17 52 27.0, h=0km(ISC). M=5.7 ISC, USCGS, MPV=5.6(cp), MLH=5.2 Prühonice. Dc= 75.1°. PV(cp): 1s 46mp, LmH:16 s 1p. |
| 21 | eiP | 19 12 16 | |
| 22 | eiPKIKP | 00 09 56.5 | C. Tonga Islands 16.2°S 173.5°W, H= =23 50 23.5, h=59km (USCGS). M=4.2 USCGS. Dc=145.7°. |

| Date | Phase | h m s | Remarks |
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| 22 | eiP ei | 01 30 48.7 31 02.5 | Aleutian Islands 51.0°N 175.9°E, H= =01 18 52.2, h=44km(ISC). M=5.6 USCGS, 5.3 ISC, MPV=5.1(cp) Prühonice. Dc= 78.2°. PV(cp): 1s 15mp. |
| 22 | ePKIKP eipPKIKP | 16 47 56 48 16 | Tonga Islands 17.0°S 173.0°W, H= =16 28 20.3, h=70km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=146.5°. |
| 23 | iPg i iSg | 09 15 15.0 15 27.5 15 34.0 | Explosion of 15 Tons, 51°01.1'N 13°10.2'E (Collm). D=1.4°. |
| 23 | e | 10 36 41 | e 36 47. |
| 23 | eiPg | 12 42 48.3 | D=1.8°. eiSg 42 12.8. |
| 23 | iPg eiSg i Lm | 13 00 01.5 00 16.5 00 19.8 00 26 | Explosion of 15 Tons, 48°55.5'N 14°55.5'E Dc=116km. |
| 23 | e | 13 22 26 | |
| 23 | eiP e | 17 12 27 13 39 | C. Nevada 37.1°N 116.0°W, H=17 00 02.0, h=18km(ISC). M=5.4 ISC, MPV=5.5 Prühoni- ce. Dc=82.9°. Nuclear Explosion "Bronze" 37°05'52.2" N 116°01'58.8" W, Altitude 750.9 Meters (USABC). PV(cp):1.5s 43mp. |
| 23 | ei | 17 18 44 | |
| 23 | e eiSg | 23 16 01 17 30.5 | Italy 45.1°N 10.1°E, H=23 14 25(BCIS). Dc=5.7°. |
| 23 | ePn eiPg i iSg | 23 54 15 54 21.5 54 39.5 54 51 | Austria 47.7°N 13.9°E, H=23 53 37(BCIS). D=2.3°, Dc=2.3°. |
| 24 | eiP e | 18 05 15.6 07 08 | C. Afghanistan 36.5°N 71.2°E, H= =17 57 41.4, h=224km(ISC). M=4.9 USCGS, 4.7 ISC, MPV=4.8(cp) Prühonice. Dc= =42.4°. PV(cp): 1.2s 26mp. |
| 24 | eP | 21 50 22 | Kamchatka 54.8°N 162.8°E, H=21 38 58.6, h=33km(ISC). M=4.3 ISC, USCGS. Dc=72.3°. |
| 24 | e | 23 08 56 | ei 09 14. |
| 25 | eiP e eS eL Lm | 03 53 07.7 56 05 04 03 31 23 38 | Sumatra 1.9°N 99.2°E, H=03 40 36.4, h=62km(ISC). M=5.5 ISC, 5.3 USCGS, MPV= =5.0(cp), MLH=5.4 Prühonice. D=85°, Dc= =85.1°. PV(cp):1.5s 24mp, LmH:16s 1.2p. |

| Date | Phase | h m s | Remarks |
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| 25 | eiP e | 08 56 44 58 51 | C. California 41.7°N 126.8°W, H= =08 44 23.2, h=33km(ISC). M=5.3 USCGS, 5.0 ISC, MPV=5.6(cp) Prühonice. Dc= =82.6°. PV(cp): 2.5s 100mp. |
| 25 | ei | 09 09 15 | |
| 25 | eiP | 11 57 14.7 | |
| 25 | eiP | 13 37 15.6 | South Atlantic Ridge 31.0°S 13.5°W, H= 13 24 44.2, h=33km(USCGS). M=4.8 USCGS. Dc=84.4°. |
| 25 | iP i ePP eiS eL Lm | 13 45 12.7 45 24.4 48 10 55 11 14 10 23 | D. Japan 41.2°N 146.6°E, H=13 33 05.2, h=31km(ISC). M=5.7 ISC, 5.2 USCGS, MPV= 5.7, MLH=5.6 Prühonice. D=80°, Dc=79.9°. PV(cp): 1.1s 100 mp, LmH:22s 3.1μ. |
| 25 | iP ei eS ePPS eL Lm | 21 58 39.6 22 00 17.5 08 32 09 33 29 41 | C. Aleutian Islands 51.5°N 175.9°E, H=21 46 46.1, h=37km(ISC). M=5.5 ISC, USCGS, MPV=5.7(cp), MLH=5.6 Prühonice. D=78°, Dc=77.6°. PV(cp):1.5s 96μ, LmH: 16s 2μ. |
| 26 | eP | 00 45 58 | Kirgiziya 41.9°N 69.7°E, H=00 38 35.6, h=27km(ISC). M=4.7 USCGS. Dc=38.4°. |
| 26 | eiPKIKP ei | 11 01 21 01 32 | Samoa Islands 16.1°S 172.4°W, H= =10 41 44.2, h=33km(ISC). M=4.5 USCGS, 4.1 ISC. Dc=145.7°. |
| 26 | ePg | 12 46 10 | D=1.6°. eiSg 46 32. |
| 26 | iPKP ei | 15 43 24.0 43 50 | C. Samoa Islands 16.0°S 172.8°W, H= 15 23 48.5, h=32km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=145.6°. |
| 26 | eiP | 16 29 48.4 | Japan 29.9°N 139.0°E, H=16 17 50.8, h= =410km(ISC). M=5.0 USCGS, 4.9 ISC, MPV= =5.1(cp) Prühonice. Dc=86.5°. |
| 26 | eP | 18 33 14 | Central Mid-Atlantic Ridge 8.0°N 39.1°W, H=18 23 01.8, h=33km(ISC). M=4.7 ISC, 4.6 USCGS. Dc=61.0°. |
| 27 | iPn iPg ei iSg | 11 30 07.3 30 08.8 30 18.8 30 21.8 | D=1.1°. |
| 27 | eiP | 11 32 24.8 | Aleutian Islands 51.3°N 177.6°E, H= 11 20 27.2, h=26km(ISC). M=5.4 USCGS, 5.2 ISC. Dc=78.1°. |

| Date | Phase | h m s | Remarks |
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| 27 | eiPg | 15 24 04.2 | D=2°. eiSg 24 30.2. |
| 27 | e | 16 01 23 | |
| 27 | ei | 20 55 29.2 | i 55 42.2. |
| 27 | iP epP | 21 27 40.1 28 30 | D. Japan 40.2°N 139.4°E, H=21 16 02.5, h=195km(ISC). M=4.8 USCGS, 4.7 ISC, MPV= =4.7(cp) Prühonice. Dc=77.9°, PV(cp): 1s 15mp. |
| 28 | eiPKIKP | 12 20 40 | West of Tonga 17.8°S 178.2°W, H= 12 02 04.2, h=598km(ISC). M=4.1 ISC, 4.0 USCGS, Dc=146.3°. |
| 28 | iPg | 17 53 27.5 | D=1.6°. iSg 53 49.5. |
| 28 | iP ei ei | 22 41 53.8 42 44 45 10 | C. Sumatra 2.3°S 101.8°E, H=22 29 07.2, h=130km(ISC). M=5.7 USCGS, 5.5 ISC, MPV= =5.5(cp) Prühonice. Dc=90.0°. PV(cp): 1s 28mp. |
| 29 | ePKIKP | 05 46 31 | Samoa Islands 15.2°S 172.8°W, H= 05 26 56.8, h=50km(ISC). M=4.7 ISC, USCGS. Dc=144.8°. |
| 29 | iP ei eiPP iS iPS eiSS Q Qm R Rm | 08 41 26.5 41 58 44 36 51 28 52 24 56 44 09 08 11 19 21 | D.N. Aleutian Islands 51.1°N 171.3°W, H=08 29 21.8, h=18km. M=6.3 ISC, USCGS, MPV=6.8(cp), MLH=7.0, MPH=7.3, MPV=7.0, MSH=7.3 Prühonice. D=80.5°, Dc=79.2°. PV(cp): 1.5s 1619mp, PH: 6s 6.4μ, PV:6s 7.5μ, SH: 8s 20μ, QmH: 32s 77μ, RmH: 19s 55μ. |
| 29 | iPg | 08 59 01 | D=1.4°. iSg 59 19.5. |
| 29 | iP ei ei | 09 23 48.5 04 11 08 23.5 | Aleutian Islands 51.1°N 171.6°W, H= =08 51 44.9, h=33km(ISC), M=5.0 ISC, USCGS, MPV=5.0(cp) Prühonice. Dc=79.1°. PV(cp): 1s 15mp. |
| 29 | eiP | 09 44 04 | Aleutian Islands 51.2°N 171.7°W, H= =09 32 01.1, h=33km(ISC). M=4.7 ISC, 4.5 USCGS. Dc=79.1°. |
| 29 | eP | 11 20 36 | Aleutian Islands 51.0°N 171.4°W, H= =11 08 31.8, h=33km(ISC). M=4.5 ISC, USCGS. Dc=79.2°. |
| 29 | iPg | 12 06 14.5 | D=1.8°. iSg 06 39. |

| Date | Phase | h m s | Remarks |
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| 29 | eiP ei ei | 12 32 27 32 46 33 20 | Aleutian Islands 50.9°N 171.6°W, H= 12 20 23.2, h=37km (ISC). M=5.5 ISC, USCGS, MPV=5.7(cp) Prühonice. Dc=79.4°, PV(cp): 2.5s 213mp. |
| 29 | ei | 13 00 59.9 | ei 01 19. |
| 29 | iP ei i | 15 20 41.5 20 54.5 22 15 | D. Aleutian Islands 51.0°N 171.3°W, H= =15 08 32.7, h=3km(ISC). M=5.5 USCGS, 5.4 ISC. Dc=79.3°. |
| 30 | eiPKP | 03 31 40 | D. Tonga Islands 20.7°S 175.5°W, H= =03 12 06.8, h=144km (ISC). M=4.3 ISC, USCGS. Dc=149.8°. |
| 30 | eiP e | 07 32 19.3 34 40 | Colombia 6.9°N 72.9°W, H=07 20 08.4, h=154km(ISC). M=5.5 USCGS, 5.4 ISC. Dc= 83.1°. |
| 30 | eP | 08 22 14 | Aleutian Islands 52.2°N 170.9°W, H= =08 10 19.3, h=52km (ISC). M=4.5 USCGS, 4.4 ISC. Dc=77.8°. |
| 30 | ei | 15 01 26.7 | e 01 42, eiSg 02 02. |
| 30 | eP | 19 12 46 | Chile-Argentina 24.4°S 67.8°W, H= =18 58 58.6, h=138km (ISC). M=5.3 USCGS, 5.1 ISC. Dc=103.6°. |
| 30 | eP | 19 14 33 | Persia 27.9°N 57.1°E, H=19 07 06.7, h= =74km (ISC). M=4.8 USCGS, 4.7 ISC. Dc= =39.1°. |
| 31 | eiP ei eS eL Lm | 07 48 52 49 16.5 59 08 08 21 28.9 | Japan 36.1°N 142.4°E, H=07 36 28.0, h= 15km(ISC). M=5.0 ISC, 4.9 USCGS, MLH= =5.8 Prühonice. D=83 ^b , Dc=82.7°. |
| 31 | eP | 11 27 46 | Kodiak Island 56.2°N 153.5°W, H= =11 16 03.2, h=20km(ISC). M=4.9 USCGS, 4.6 ISC. Dc=73.7°. |
| 31 | ei | 11 31 23.5 | |
| 31 | ePKIKP | 12 06 47 | Tonga Islands 19.5°S 173.1°W, H= =11 47 02.9, h=58km(ISC). M=4.8 USCGS, 4.4 ISC. Dc=149.0°. |
| 31 | iPg iSg Lm | 13 00 24.6 00 34.1 00 43 | Explosion of 14 Tons 49°15.7'N 14°55.4'E. Dc=85km. |

| Date | Phase | h m s | Remarks |
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| 31 | eiPKHKP eiPKP2 | 14 45 31.7 45 46.7 | Fiji Islands 26.2°S 179.8°E, H= 14 26 26.0, h=460km(ISC). M=5.6 USCGS, 4.7 ISC. Dc=153.6°. |
| 31 | eiPKIKP | 15 40 28.5 | Tonga Islands 20.7°S 174.2°W, H= =15 20 44.0, h=69km(ISC). M=4.6 USCGS, 4.3 ISC. Dc=149.9°. |
| 31 | eiPKP2 | 16 03 27.8 | West of Tonga 19.2°S 177.5°W, H= =15 44 46.5, h=570km(ISC). M=4.7 USCGS, 4.1 ISC. Dc=147.8°. |
| 31 | eP eL Lm | 17 17 51 39 45 | Tibet 32.9°N 93.2°E, H=17 07 50.2, h= =15km(ISC). M=5.0 ISC, 4.8 USCGS. Dc= =58.7°. |
| 31 | eiP | 19 11 05.3 | Tibet 32.8°N 93.2°E, H=19 01 08.3, h= =24km(ISC). M=4.8 ISC, 4.7 USCGS, Dc= =58.7°. |
| 31 | eiP e eL Lm | 21 54 46.5 55 12 22 16 22 | Tibet 32.9°N 93.2°E, H=21 44 48.0, h= =18km, MB=5.0 ISC, 4.9 USCGS, Dc=58.7°. |

| Date | Phase | h m s | Remarks |
|------|---|--|---|
| 1 | eiPg | 12 13 22 | D=1.8°. eiSg 13 56. |
| 1 | iP ipP eiPP e eL Lm | 15 13 50.5 15 19.0 16 32 22 48 16 02 08 | D. Sakhalin Island 46.8°N 143.8°E, H= =15 02 54.5, h=384km (ISC). M=5.3 USCGS, 5.1 ISC, MPV=5.4(cp) Prühonice. Dc=74.1°. PV(cp): 1.5s 131mp. |
| 1 | iP eiPP | 16 51 50.8 54 38 | D. Kurile Islands 52.7°N 153.5°E, H= =16 41 12.6, h=446km (ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.4(cp) Prühonice. Dc=71.9°. PV(cp): 1s 106mp. |
| 1 | eiPKIKP | 19 47 52.4 | Fiji Islands 24.7°S 176.7°W, H= =19 28 02.4, h=70km (ISC). M=5.3 USCGS, 4.7 ISC. Dc=153.3°. |
| 1 | eiP | 20 19 15.6 | Tibet 32.7°N 93.2°E, H=20 09 18.7, h= =33km (ISC). M=5.2 ISC, USCGS, Dc=58.8°. |
| 1 | eiPKIKP | 20 53 42 | New Hebrides 13.5°S 165.9°E, H= =20 34 19.4, h=29km (ISC). M=5.8 USCGS, 5.2 ISC. Dc=136.7°. |
| 2 | eiPKIKP ei e ePP eL Lm | 00 04 20.6 04 43 05 17 08 38 01 01 17 | C. Kermadec Islands 32.4°S 178.8°W, H= =23 44 27.8, h=41km (ISC). M=5.8 USCGS, 5.5 ISC, MLH=5.6 Prühonice. Dc=159.8°. LmH: 22s 0.8p. |
| 2 | ePg | 12 41 13 | D=1.7°. iSg 41 36.5. |
| 2 | ePKIKP ei ei eiPP ei ei eiSSS Lm | 13 39 51 39 55 43 45 44 11 47 33 14 04 59 10 00 15 09 | Macquarie Island 55.9°S 157.7°E, H= 13 19 57.5, h=33km (ISC). M=6.6 USCGS, 6.2 ISC, MLH=6.9 Prühonice. Dc=157.2°. LmH: 20s 16p. |
| 2 | eiP | 14 47 04.8 | C. Panama 7.4°N, 78.7°W, H=14 34 19.0, h=4km(ISC). M=5.5 USCGS, 5.3 ISC, MPV= =5.4(cp) Prühonice. Dc=86.4°. PV(cp): 1.5s 50mp. |
| 2 | eiP | 14 48 53 | Panama 7.4°N 78.6°W, H=14 36 14.0, h= =57km (ISC). M=5.0 ISC. Dc=86.4°. |
| 2 | iP | 16 55 55.4 | C. Panama 7.4°N 78.7°W, H=16 43 12.3, h=19km (ISC). M=5.4 ISC, USCGS, Dc=86.5°. |
| 2 | eiP | 17 59 43.5 | Tibet 32.8°N 93.3°E, H=17 49 48.4, h= =47km(ISC). M=4.8 USCGS, 4.7 ISC. Dc= =58.8°. |

| Date | Phase | h m s | Remarks |
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| 2 | eiP | 18 17 38.5 | Panama 7.6°N 78.6°W, H=18 04 57.6, h= 33km (ISC). M=4.8 ISC, USCGS, Dc=86.2°. |
| 2 | eP | 18 57 03 | Panama 7.6°N 78.5°W, H=18 44 21.3, h= 19km (ISC). M=4.7 USCGS, 4.6 ISC. Dc= =86.2°. |
| 2 | eiP | 19 20 38 | C. Panama 7.5°N 78.7°W, H=19 07 57.8, h= =36km (ISC). M=5.3 USCGS, 5.2 ISC, MPV= =5.3(cp) Prühonice. Dc=86.4°. PV(cp): 1.5s 36 mp. |
| 2 | iP ei | 20 56 11.1 56 46 | C. Panama 7.4°N 78.5°W, H=20 43 29.7, h= =24km (ISC). M=4.8 ISC, USCGS. Dc=86.3°. |
| 3 | eiP | 02 15 34 | Peru 7.3°S 81.3°W, H=02 01 54.7, h=50km (ISC). M=5.8 ISC, USCGS. Dc=99.3°. |
| 3 | eP | 07 45 06 | China 33.3°N 91.1°E, H=07 35 22.2, h= =43km (ISC). M=5.2 ISC, 5.1 USCGS, Dc= =57.1°. |
| 3 | eiPKIKP | 09 55 22.5 | West of Tonga 21.3°S 179.2°W, H= =09 36 37.8, h=586km (ISC). M=4.8 USCGS, 5.4 ISC. Dc=149.4°. |
| 3 | ei | 12 42 59.5 | |
| 3 | iPKIKP | 15 01 31.8 | C. Samoa Islands 15.9°S 172.5°W, H= =14 41 51.6, h=3km (ISC). M=4.7 USCGS, 4.6 ISC. Dc=145.5°. |
| 3 | ePKIKP | 18 19 49 | New Hebrides 15.4°S 167.2°E, H= =18 00 35.0, h=140km (ISC). M=4.9 USCGS, 4.6 ISC. Dc=139.0°. |
| 4 | eiP ei | 01 18 36.3 19 02 | Mexico 16.9°N 94.3°W, H=01 05 51.4, h= =97km(ISC). M=5.3 USCGS, 5.1 ISC. Dc= =88.8°. |
| 4 | e | 05 18 28 | e 19 45. |
| 4 | ePKIKP iSKP | 09 06 08 09 25.3 | New Hebrides 13.3°S 167.0°E, H= =08 47 10.1, h=213km (ISC). M=5.7 USCGS, 5.1 ISC. Dc=137.0°. |
| 4 | iPg | 11 30 50.5 | D=1.6°. iSg 31 12.8, Lm 31 29. |
| 4 | iPn i iSn ei Lm | 11 51 27.3 51 53.8 52 37.8 53 34 55 | D. Italy 43.9°N 12.1°E, H=11 49 52.5, h=5km(ISC). M=4.7 USCGS, 4.5 ISC, MLH= =3.7 Prühonice. D=6.4°, Dc=6.3°. PV(cp): 1.2s 25 mp, LmH: 8s 1.3p. |
| 4 | iPg | 13 14 52.3 | i 15 02.3, i 15 06.4. |

| Date | Phase | h m s | Remarks |
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| 4 | e | 19 18 29 | |
| 4 | eiP ei ei | 19 19 01 20 20 20 34.2 | Crete 35.3°N 26.5°E, H=19 15 04.6, h=52 km (ISC). M=4.7 USCGS, 4.6 ISC. Dc=17.1°. |
| 4 | e | 21 46 20 | |
| 5 | eiPKIKP eiPP eiPKKP eiPS eiPKKS ei eiSS eiSSS eL Lm | 00 26 42 28 24 36 38 38 17 40 27 40 43 44 59 50 00 56 01 21 | New Britain 5.2°S 151.6°E, H=00 07 52.0, h=59km (ISC). M=6.2 USCGS, 5.8 ISC, MLH=6.4 Prühonice. D=122°, Dc=122.7°. LmH: 22s 10.7µ |
| 5 | eiPg | 09 57 49.2 | D=1.1°. ei 58 01.2, iSg 58 03.7. |
| 5 | iPKIKP | 11 21 10.2 | C. Fiji Islands 15.3°S 176.9°W, H=11 02 21.4, h=393km (ISC). M=4.6 USCGS, 4.4 ISC. Dc=144.1°. |
| 5 | eiPg | 12 41 30.7 | D=1.7°. iSg 41 53.7. |
| 5 | ei | 12 52 02 | ei 52 07.7. |
| 5 | eiP eiPP | 20 01 23.5 04 07 | Chagos Archipelago 7.7°S 68.1°E, H=19 49 48.0, h=33km (ISC). M=5.0 ISC, USCGS. Dc=73.8°. |
| 5 | ePKP2 | 20 08 33 | Balleny Islands 65.4°S 179.3°E, H=19 47 40.8, h=12km (ISC). Dc=163.2°. |
| 5 | e | 20 22 24 | |
| 6 | eiP eS eL Lm | 02 08 32 16 25 27 30.8 | Central Mid-Atlantic Ridge 0.4° 19.6°W, H=01 58 37.6, h=8km (ISC). M=5.2 ISC, USCGS, MPV=5.2(cp), MLH=4.9 Prühonice. D=58°, Dc=58.1°. PV(cp): 1.5s 41µ. LmH: 14s 0.7µ. |
| 6 | eiPKIKP | 03 16 12 | West of Tonga 21.5°S 179.7°W, H=02 57 26.9, h=579km (USCGS). Dc=149.4°. |
| 6 | iPg | 03 20 40.0 | D=1.8°. iSg 21 04.0 |
| 6 | eP | 04 53 06 | Carlsberg Ridge 8.7°N 58.4°E, H=04 43 43.5, h=76km (ISC). M=4.8 ISC, 4.4 USCGS. Dc=54.9°. |
| 6 | eP | 06 03 32 | Carlsberg Ridge 8.7°N 58.3°E, H=05 54 00.4, h=11km (ISC). M=4.1 USCGS. Dc=54.8°. |

| Date | Phase | h m s | Remarks |
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| 6 | eiPg | 09 00 25 | D=1.6°. iSg 00 46. |
| 6 | ei | 10 59 02.5 | |
| 6 | eiPg | 12 55 47.4 | D=1.9°. iSg 56 13. |
| 6 | e | 12 57 00 | ei 57 08.5, eiSg 57 32.0. |
| 6 | iP ei | 18 25 48.5 28 01 | D. Japan 41.4°N 131.3°E, H=18 15 11.1, h=554km (ISC). M=5.3 USCGS, 5.0 ISC, MPV=4.9(cp) Prühonice. Dc=73.5°. PV(cp): 1s 41µ. |
| 6 | e | 18 56 48 | eiSg 57 23.5. |
| 6 | ePKIKP e | 22 15 57 16 25 | Loyalty Islands 22.2°S 170.3°E, H=21 56 16.0, h=17km (USCGS). Dc=146.3°. |
| 7 | eiP | 21 25 35 | Alaska 61.9°N 151.0°W, H=21 14 44.0, h=83km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=67.9°. |
| 8 | iP eiPcP | 05 31 13.1 31 25.7 | C. Aleutian Islands 52.5°N 173.4°E, H=05 19 21.8, h=4km (ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.2 (cp) Prühonice. Dc=76.4°. PV(cp): 1.5s 27µ. |
| 8 | eiP eiPP Lm | 10 00 20 04 35 11 49.5 | Halmahera 4.0°N 128.5°E, H=09 46 30.5, h=57km (ISC). M=5.4 USCGS, 5.3 ISC. Dc=102.1°. |
| 8 | ei | 12 16 54.7 | ei 17 18.7, ei 17 46. |
| 8 | eiPg | 12 18 08 | D=1.7°. iSg 18 31. |
| 8 | e | 12 18 39 | iSg 19 03.6. |
| 8 | eiP ei eL Lm | 13 01 18 02 08.5 29 39.5 | Aleutian Islands 51.8°N 175.3°W, H=12 49 22.7, h=47km (ISC). M=5.3 USCGS, 5.2 ISC., MLH=5.1 Prühonice. Dc=78.2°. LmH: 19s 0.7µ. |
| 8 | eP ei e | 23 24 43 24 47 29 19 | Tristan da Cunha 39.9°S 15.9°W, H=23 11 29.2, h=33km (USCGS). M=4.4 USCGS. Dc=93.4°. |
| 9 | eiPg | 07 59 51 | ei 08 00 08, i 00 13.4. |
| 9 | eiP eiPP | 09 18 07.5 35 08 | Ascension Island 5.1°S 11.8°W, H=09 22 49.8, h=33km (ISC). Dc=59.3°. |
| 9 | eiP e | 10 26 37.6 29 36 | North Atlantic Ridge 48.0°N 27.7°W, H=10 20 52.3, h=33km (ISC). M=4.9 USCGS, 4.6 ISC. Dc=27.5°. |

| Date | Phase | h m s | Remarks |
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| 9 | iPg | 12 46 42.0 | D=1.6°. iSg 47 04.0. |
| 10 | eiPKIKP | 00 40 58.5 | New Hebrides 20.2°S 170.1°E, H= =00 21 17.5, h=9km (ISC). M=4.5 ISC, USCGS. Dc=144.4°. |
| 10 | eiP | 04 19 25 | D. Aleutian Islands 51.2°N 171.1°W, H= 04 07 23.0, h=33 km (ISC). M=4.5 ISC, 4.3 USCGS, Dc=79.1°. |
| 10 | ePKIKP | 09 06 53.5 | Samoa Islands 15.3°S 173.0°W, H= =08 47 19.7, h=35km (ISC). M=5.0 USCGS, 4.8 ISC. Dc=144.9°. |
| 10 | eP | 11 27 06 | Aleutian Islands 52.5°N 173.5°E, H= =11 15 20.3, h=42km (ISC). M=5.1 USCGS, 4.7 ISC. Dc=76.3°. |
| 10 | ei | 11 44 42.6 | ei 44 48, ei(Sg) 45 20. |
| 10 | ei(Pg) | 14 38 25.2 | ei 38 51. |
| 10 | eiPg | 15 33 19 | ei(Sg) 33 35. |
| 10 | eiPKIKP | 22 06 17.6 | Tonga Islands 17.8°S 172.7°W, H= 21 46 34.8, h=35km (ISC). M=5.1 USCGS, 4.7 ISC. Dc=147.3°. |
| 11 | eiPKIKP eiPP i eSKKS eiPPS eSS eL Lm | 04 00 11 03 15 03 59 10 08 15 32 21 16 44 59.5 | New Hebrides 15.5°S 166.9°E, H= =03 40 55.5, h=14km (ISC). M=6.3 USCGS, 5.9 ISC, MLH=7.1 Průhonice. D=140°, Dc= =138.9°. LmH: 26s 45µ. |
| 11 | eiP | 04 20 17.5 | ei 20 43. |
| 11 | ePKIKP e eiPKS eL Lm | 07 38 14 38 24 41 51.5 08 28 40 | New Hebrides 15.6°S 167.1°E, H= =07 18 46.0, h=34km(ISC). M=5.0 USCGS, 4.9 ISC, MLH=5.7 Průhonice. Dc=139.1°. LmH: 24s 1.4µ. |
| 11 | e | 10 07 48 | eiSg 08 01 |
| 11 | eiPg | 12 45 00 | D=2.3°. iSg 45 29.0. |
| 11 | ei | 15 14 27 | |
| 11 | eiP ei | 18 40 49 42 10 | Gulf of Alaska 59.4° 146.1°W, H= =18 29 38.5, h=15km (ISC). M=5.5 USCGS, 5.3 ISC. D=71°, Dc=69.9°. |

| Date | Phase | h m s | Remarks |
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| 11 | ePKIKP eiPKS | 20 07 13 10 43 | New Hebrides 15.7°S 167.1°E, H= =19 47 43.6, h=33km(ISC). M=5.2 USCGS, 5.1 ISC. Dc=139.2°. |
| 11 | eiPKIKP eiPP ei eiSS | 20 11 55.7 14 57 15 29 32 59 | New Hebrides 15.6°S 167.0°E, H= =19 52 29.2, h=23km (ISC). M=5.6 ISC, USCGS. Dc=139.1°. |
| 11 | eiP | 20 15 34 | Colombia 6.9°N 73.1°W, H=20 04 15.3, h= =154km (ISC). M=4.9 ISC, USCGS. Dc=83.3°. |
| 11 | eP | 20 28 18 | |
| 11 | ePKIKP eiPP ei ei | 20 33 21 36 18 37 01 40 26 | New Hebrides 15.8°S 167.0°E, H= =20 14 01.0, h=64km (ISC). M=6.0 USCGS, 5.5 ISC. Dc=139.2°. |
| 11 | ePKIKP eiPKS | 21 14 42 18 19 | New Hebrides 15.8°S 166.8°E, H= 20 55 15.6, h=45km (ISC). M=4.7 USCGS, 4.6 ISC. Dc=139.2°. |
| 11 | eiPKHKP iPKIKP i eiPP Lm | 22 51 13.5 51 18.5 51 25.0 54 18.5 23 57 | New Hebrides 15.7°S 167.1°E, H= =22 31 49.1, h=31km (ISC). M=6.4 USCGS, 6.2 ISC. Dc=139.3°. |
| 11 | eP | 23 18 21 | ei 21 36. |
| 12 | eiFKIKP | 01 44 55.5 | Tonga Islands 23.3°S 175.4°W, H= =01 25 01.9, h=44km(ISC). M=5.2 USCGS, 5.8 ISC, Dc=152.2°. |
| 12 | e | 01 53 18 | |
| 12 | ePKP2 | 02 34 50.5 | Tonga Islands 20.7°S 175.6°W, H= =02 14 52.5, h=8km(ISC). M=4.5 ISC. Dc= =149.7°. |
| 12 | eP | 03 40 46 | Lake Tanganyika Region 3.5°S 29.4°E, H=03 31 15.4, h=33km (ISC). M=4.9 ISC, USCGS. Dc=54.8°. |
| 12 | eiPKIKP | 04 58 28.5 | C. West of Tonga 17.7°S 178.7°W, H= =04 39 49.4, h=549km (ISC). M=4.7 ISC, 4.4 USCGS. Dc=146.1°. |
| 12 | e | 05 10 36 | New Hebrides 16.0°S 167.0°E, H= =04 51 12.5, h=150km (ISC). M=4.4 USCGS, 4.2 ISC. Dc=139.3°. |

| Date | Phase | h m s | Remarks |
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| 12 | eiPKHKP iPKIKP ePP eiPKS e eSS eL Lm | 08 21 03.5 21 11.0 24 06 24 44 .40 10 42 34 09 10 22 | New Hebrides 15.9°S 167.4°E, H= =08 01 44.0, h=26 km (ISC), M=6.2 USCGS, 5.9 ISC, MLH=6.8 Prühonice. D=140°, Dc= =139.5°. LmH: 25s 22µ. |
| 12 | eiPg | 11 20 45.5 | D=1.7°. iSg 20 48.5. |
| 12 | eiPg | 12 43 46.1 | D=1.8°. iSg 44 10. |
| 12 | eiPKIKP ei ei eiPPP eiPKKP eiPS ei ei ei eL Lm | 13 16 02 16 13 18 14 20 28 26 09 27 40 29 31 35 24 39 34 14 02 12.5 | New Britain 5.2°S 152.1°E, H=12 57 10.0, h=38km (ISC). M=5.9 USCGS, 5.8 ISC, MLH= =6.9 Prühonice. Dc=123.0°. |
| 12 | ei | 15 07 02.5 | |
| 12 | e | 16 16 25 | e 16 54. |
| 12 | eiPKIKP i eiPP eiPKS Lm | 18 24 21.7 24 35 27 14 27 55.5 19 24 | New Hebrides 15.9°S 167.3°E, H= =18 04 56.8, h=47km (ISC). M=5.4 ISC, 5.3 USCGS. Dc=139.5°. |
| 13 | eP | 01 08 11.5 | Peru 4.4°S 81.0°W, H=00 54 45.1, h=52km (ISC). M=5.2 ISC, USCGS. Dc=96.9°. |
| 13 | ePKIKP | 01 25 15 | West of Tonga 17.6°S 178.4°W, H= =01 06 34.5, h=543km (ISC). M=4.6 ISC, 4.4 USCGS. Dc=146.0°. |
| 13 | eP | 02 26 10 | Philippine Islands 13.6°N 120.1°E, H= =02 13 14.1, h=36km (ISC). M=5.7 USCGS, 5.2 ISC. Dc=89.4°. |
| 13 | iPg | 03 08 53.0 | D=1.8°. iSg 09 17.5. |
| 13 | ePKIKP ei ei eiPKS | 05 00 15 00 36.5 01 55 03 57.5 | New Hebrides 15.9°S 167.4°E, H= =04 40 56.8, h=40km (ISC). M=5.7 USCGS, 5.5 ISC. Dc=139.5°. |
| 13 | ePg | 07 14 49 | D=1.3°. eiSg 15 06. |
| 13 | e | 10 09 26 | ei(Sg) 09 56. |

| Date | Phase | h m s | Remarks |
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| 13 | eiPKIKP eiPP eiPKS eL Lm | 11 44 17.5 47 13.5 47 59 12 30 35.7 | New Hebrides 16.0°S 166.9°E, H= 11 24 51.1, h=22km (ISC). M=5.5 USCGS, 5.4 ISC, MLH=5.7 Prühonice. Dc=139.3°. LmH: 22s 1.5µ. |
| 13 | eiPg | 12 17 26.5 | ei 17 38. |
| 13 | eiPg | 12 45 00.5 | D=1.8°. iSg 45 24. |
| 13 | eiPKIKP i ei eiPP ei eiPPS eSS eiSSS Q Qm Rm | 12 59 44 13 00 03 01 52 02 52 08 00 14 58 21 00 26 12 45 46.5 56.5 | New Hebrides 15.9°S 166.8°E, H= =12 40 08.2, h=26km (ISC). M=5.6 USCGS, 5.4 ISC, MLH=7.4 Prühonice. D=140°, Dc= 139.2°. QmH: 35s 78µ, RmH: 25s 80µ. |
| 13 | ei | 13 14 26 | |
| 13 | e | 13 32 53 | |
| 13 | ei | 13 47 51 | |
| 13 | eiPg | 13 50 53 | D=1.6°. iSg 51 13.5. |
| 13 | ePKIKP eiPP eL Lm | 18 15 48 18 57 19 10 18 | New Hebrides 16.5°S 167.6°E, H= =17 56 25.3, h=22km (ISC). M=5.4 USCGS, 5.1 ISC, MLH=6.2 Prühonice, Dc=140.2°. LmH: 22s 4.7µ. |
| 13 | eiPg | 18 45 42 | D=1.1°. iSg 45 56. |
| 13 | eiPKIKP eL Lm | 22 16 30 50 23 07 | New Britain 6.4°S 148.5°E, H=21 57 34.4, h=14km (ISC). M=5.6 USCGS, 5.1 ISC, MLH= 6.1 Prühonice, Dc=122.1°. LmH: 22s 3.4µ. |
| 13 | e | 23 36 46 | eiSg 37 20.5. |
| 14 | ei | 09 15 03 | |
| 14 | ei | 10 14 13 | |
| 14 | ePKIKP ePP eSS eL Lm | 11 27 12 30 05 48 31 12 10 24 | New Hebrides 15.7°S 166.7°E, H=11 07 45.6 h=18km (ISC). M=5.5 USCGS, 5.3 ISC, MLH= =5.9 Prühonice. Dc=139.1°. LmH: 20s 1.9µ. |
| 14 | ePKIKP ei eiPP | 13 37 29.6 37 38 39 57 | Santa Cruz Islands 11.5°S 166.2°E, H= =13 18 10.8, h=89 km (ISC). M=5.8 USCGS, 5.4 ISC. Dc=135.1°. |

| Date | Phase | h m s | Remarks |
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| 14 | iPg | 14 17 03.5 | D=1.3°. iSg 31 27.1. |
| 14 | ePKIKP ePKP2 | 14 33 43 33 54 | Tonga Islands 23.1°S 175.0°W, H= =14 13 48.3, h=15km (ISC). Dc=152.1°. |
| 14 | iPKIKP | 16 25 27.0 | D. West of Tonga 19.6°S 178.1°W, H= =16 06 46.9, h=590km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=148.1°. |
| 14 | e | 23 28 10 | |
| 15 | eP | 04 57 18 | Philippine Islands 13.8°N 120.3°E, H= =04 44 25.3, h=51km (ISC). M=4.9 ISC, 4.7 USCGS. Dc=89.4°. |
| 15 | eP | 06 07 23 | Afghanistan 36.5°N 71.1°E, H=05 59 47.0, h=200km (ISC). M=4.8 USCGS, 4.5 ISC. Dc= =42.3°. |
| 15 | e | 10 33 24 | |
| 15 | e | 11 55 12 | eiSg 55 35.1. |
| 15 | ei | 11 56 18 | ei 56 54. |
| 15 | eiP | 19 48 54.8 | Brazil 2.7°N 60.2°W, H=19 36 57.0, h= =42 km (ISC). M=5.1 USCGS, 5.0 ISC. Dc= 78.2°. |
| 15 | eiPKIKP | 23 25 30.3 | Samoa Islands 15.6°S 172.8°W, H= =23 05 58.7, h=49km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=145.2°. |
| 16 | eiPKP2 | 00 07 04.5 | Loyalty Islands 22.3°S 170.7°E, H= =23 47 22.1, h=153km (USCGS). Dc=150.0°. |
| 16 | eP ei eiS eL Lm | 04 44 04 44 13.5 50 01 54 55 | North Atlantic Ridge 35.4°N 35.7°W, H= =04 36 37.1, h=16km (ISC). M=4.7 USCGS, 4.6 ISC. D=39°, Dc=39.0°. |
| 16 | e | 09 22 23 | e 22 36. |
| 16 | e | 10 44 07 | |
| 16 | e | 11 16 12 | ei 16 46. |
| 16 | eiP | 12 29 39 | Colombia 5.1°N 77.6°W, H=12 16 51.9, h= =28km (ISC). M=5.2 ISC, USCGS, MPV=5.2 (cp) Prühonice. Dc=87.5°. PV(cp): 1s 15 µ. |
| 16 | eiP | 12 32 23.0 | Colombia 5.1°N 77.6°W, H=12 19 38.6, h=55km (ISC). M=5.4 USCGS, 5.3 ISC, MPV= 5.3(cp) Prühonice. Dc=87.5°. |

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 16 | iP i eiPP ei eiS eL Lm Lm | 12 46 15.5 46 28 48 20 49 33 54 21 13 03 11.7 18.4 | C.N.E. Central-Mid Atlantic Ridge 0.5°S 19.9°W, H= 12 36 23.9, h=36km (ISC). M= =6.2 USCGS, 6.0 ISC, MLH=6.0, MPH=6.9, MSH=6.5, MPV=6.4, MPV=6.5(cp) Prühonice, D=59.5°, Dc=58.3°. PV(cp): 2s 708 µ, PH= 4s 1.6µ, PV=4s 1.4µ, SH: 16s 8.9µ, SV: 16s 3.4µ, LmH: 15s 8µ, LmH: 15s 7.1µ. |
| 16 | ei | 13 16 16 | |
| 16 | eiPKIKP | 13 57 34 | D. West of Tonga 21.2°S 178.6°W, H= =13 38 46.7, h=543km (ISC). M=4.6 USCGS, 4.3 ISC. Dc=149.4°. |
| 16 | e | 15 32 25 | |
| 16 | eiPKIKP ei | 16 56 41.5 56 56 | New Hebrides 19.0°S 167.6°E, H= =16 37 11.9, h=8km(ISC). M=5.0 ISC, USCGS. Dc=142.4°. |
| 16 | ePKP2 ei | 17 21 47 23 11 | Balleny Islands 61.4°S 154.5°E, H= =17 01 26.2, h=33km (ISC), M=5.4 ISC. Dc=155.0°. |
| 16 | ePKP eiPKS | 18 11 06 14 42 | New Hebrides 17.3°S 167.7°E, H= =17 51 36.0, h=23km (ISC). M=5.1 USCGS, 4.8 ISC. Dc=140.9°. |
| 16 | eiP eiPP eiS eL Lm | 20 00 36.5 02 03 06 37 11 15 | North Atlantic Ridge 35.2°N 35.1°W, H= = 19 53 18.3, h=52km (ISC). M=4.7 ISC, 4.5 USCGS, MPV=5.1 (cp) Prühonice. D=40°. Dc=38.7°. PV(cp): 2.5s 100µ. |
| 16 | ePKP eiPKS | 23 18 51 22 27.5 | New Hebrides 17.3°S 167.8°E, H= =22 59 23.1, h=36km (ISC). M=5.3 USCGS, 5.0 ISC. Dc=140.9°. |
| 17 | eP eS eL Lm | 00 29 47 35 49 40 45 | North Atlantic Ridge 35.0°N 35.0°W, H= =00 22 25.5, h=33km (ISC). M=4.6 USCGS, 4.4 ISC. D=40°. Dc=38.8°. |
| 17 | iP | 08 57 31.5 | D. Kamchatka 53.9°N 160.8°E, H= =08 46 05.6, h=33km (ISC). M=4.6 ISC, USCGS. Dc=72.6°. |
| 17 | e | 09 50 20 | ei 50 45.5, ei 51 04.1. |
| 17 | eiP i eiS ePPS e eL Lm | 10 47 14.1 47 32.7 57 19 58 27 11 07 09 15 25 | Sumatra 5.0°N 95.9°E, H=10 35 04.9, h= =40km (ISC). M=5.5 ISC, 5.4 USCGS, MLH= 5.8, Prühonice, D=81°, Dc=80.6°. LmH: 20s 3.9µ. |

| Date | Phase | h m s | Remarks |
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| 17 | ePKIKP epPKIKP | 12 33 22.2 35 26 | West of Tonga 20.6°S 177.8°W, H= 12 14 31.4, h=506km (ISC) M=4.3 ISC, 4.2 USCGS. Dc=149.1°. |
| 17 | eP ei | 13 04 47 05 17.2 | Sumatra 5.3°N 96.2°E, H=12 52 41.5, h= 69 km (ISC). M=4.9 USCGS, 4.7 ISC. Dc= 80.6°. |
| 17 | eiPKIKP | 13 23 15.2 | New Guinea 6.6°S 147.1°E, H=13 04 31.0, h=90km (ISC). M=5.4 USCGS, 5.2 ISC. Dc= 121.4°. |
| 17 | eiP | 13 28 08.7 | Aleutian Islands 51.8°N 175.3°W, H= 13 16 15.0, h=60km (ISC). M=5.2 USCGS, 4.9 ISC. Dc=73.8°. |
| 17 | e | 14 15 48 | |
| 17 | ePKIKP eiPKS | 16 37 06.5 40 44.3 | New Hebrides 15.1°S 166.6°E, H=16 17 42.8 h=23km (ISC). M=5.8 USCGS, 5.4 ISC. Dc= 138.5°. |
| 17 | ePKIKP | 22 27 08 | Tonga Islands 16.9°S 173.4°W, H= 22 07 42.8, h=163km (USCGS). M=4.0 USCGS. Dc=146.4°. |
| 17 | ePKHKP ei ei | 22 38 23.8 38 35.3 39 10.8 | Loyalty Islands 20.3°S 168.7°E, H= 22 18 53.5, h=40km (ISC). M=5.2 USCGS, 4.8 ISC. Dc=144.0°. |
| 18 | e | 11 59 51 | |
| 18 | eiPg | 12 45 47.5 | D=1.8°. eiSg 46 11. |
| 18 | eiPKP2 | 14 34 24.5 | Tonga Islands 23.3°S 175.4°W, H= 14 14 35.4, h=76km (ISC). M=4.9 USCGS, 4.7 ISC. Dc=152.2°. |
| 18 | ePKP2 ei eiPP | 14 45 29 47 32.5 48 47 | Tonga Islands 23.4°S 175.4°W, H= 14 25 25.2, h=63km (ISC). M=4.9 USCGS, 4.8 ISC. Dc=152.4°. |
| 18 | ePKP2 | 14 58 27 | Tonga Islands 23.3°S 175.5°W, H= 14 38 39.1, h=89km. M=3.9 (Wellington). Dc=152.3°. |
| 18 | eiPKIKP ei eiPP eiPKS e eSS eL Lm | 15 11 00.1 11 05 13 56.5 14 39 25 59 32 20 58 16 15 | New Hebrides 16.0°S 166.9°E, H= 14 51 30.2, h=7km (ISC). M=5.7 USCGS, 5.2 ISC, MLH=6.3 Prühonice. Dc=139.4°. LmN:20s 3.8µ. |
| 18 | eiPg | 15 18 52 | D=1.7°. ei 19 11.5, iSg 19 15.5. |

| Date | Phase | h m s | Remarks |
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| 18 | eiPKP2 | 16 16 17.5 | Tonga Islands 23.6°S 175.5°W, H= 15 56 15.5, h=93km (ISC). M=4.3 USCGS, 4.2 ISC. Dc=152.6°. |
| 18 | e | 20 17 34 | |
| 19 | ePKIKP | 00 00 37 | Samoa Islands 16.8°S 172.8°W, H= 23 40 54.1, h=33km (USCGS). M=4.5 USCGS. Dc=146.4°. |
| 19 | eiPKIKP | 08 42 10.3 | Tonga Islands 23.2°S 175.1°W, H= 08 22 17.3, h=33km (ISC). M=4.7 ISC, USCGS. Dc=152.2°. |
| 19 | eiPg eiSg Lm | 09 45 32.6 45 40.6 46 04 | D=1.4°. |
| 19 | eiPg | 10 43 19.3 | D=1°. eiSg 43 32.3. |
| 19 | eiPg | 12 39 48.8 | D=1.7°. eiSg 40 11.8. |
| 19 | eiPg eiSg Lm | 13 00 28.2 00 36.2 00 44 | Explosion of 3.3 Tons 49°53.5'N 13°43' E. Dc=59km. |
| 19 | e | 17 00 15.7 | eiSg 00 31.7. |
| 19 | eiPn ei iPg eiSn eiSg Lm | 19 15 27.1 15 34.8 15 38.1 16 05.5 16 26.1 16 31 | Italy 46.3°N 12.7°E, H=19 14 25.8, h=0km (ISC). MLH=4.2 Prühonice. D=3.6°, Dc=3.9°. LmH: 0.5s 1µ. |
| 19 | eiPn eiPg eiSn eiSg | 19 42 57 43 08 43 39 43 56 | Austria 46.2°N 13.0°E, H=19 41 57.5, h=53km (ISC). Dc=3.9°. |
| 20 | e | 05 33 02.5 | |
| 20 | eiP e eiPP ei ei eiS eiSP eiSS ei eiSSS ei | 06 08 43 11 54 13 14 18 49 19 45 20 27 22 13 28 09 30 35 32 29 39 21 | Banda Sea 5.7°S 128.6°E, H=05 54 50.6, h=328km (ISC). M=6.2 USCGS, 6.1 ISC. D=110°, Dc=109.8°. |
| 20 | e | 09 07 16 | eiSg 07 30.5, Lm 07 36. |

| Date | Phase | h m s | Remarks |
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| 20 | iPg | 09 21 02.8 | D=1.7°. iSg 21 25.5. |
| 20 | eiP | 09 56 21.0 | Chile-Bolivie 18.8°S 68.7°W, H= =09 42 43.6, h=79km (ISC). M=6.2 USCGS, 5.9 ISC, MLH=5.7 Prühonice. D=100°, Dc= =100.0°. LmH: 20s 1.7µ. |
| | ei | 56 29.8 | |
| | eipP | 16 54.3 | |
| | ei | 10 00 25.3 | |
| | iSKS | 06 53.2 | |
| | ei | 07 41 | |
| | eiSP | 09 15 | |
| | ei | 13 17 | |
| | eL | 24 | |
| | Lm | 41 | |
| 20 | eiP | 10 12 39 | ei 13 05, ei 13 40. |
| 20 | e | 10 20 55 | |
| 20 | eiPg | 11 06 33.3 | D=1°. eiSg 06 47.3. |
| 20 | ePg | 13 22 58 | D=1.8°. eiSg 23 22.5. |
| 20 | e | 15 50 42 | |
| 20 | eiPKIKP | 21 41 32.0 | Fiji Islands 22.9°S 176.1°W, H= 21 21 50.0, h=64km (ISC). M=6.1 USCGS, 5.9 ISC. MLH=5.9 Prühonice. D=153°, Dc= =151.7°. LmH: 22s 2.2µ. |
| | iPKHKP | 41 38.6 | |
| | iPKP2 | 41 57.0 | |
| | eiPP | 41 57 | |
| | eSKSP | 55 19 | |
| | eiSS | 22 04 37 | |
| | eL | 34.5 | |
| | Lm | 53 | |
| 20 | eiP | 22 21 44 | D. Taiwan 24.1°N 122.3°E, H=22 09 25.9, h=60km (ISC). M= 4.9 USCGS, 4.8 ISC. Dc=82.5°. |
| 21 | eiP | 01 15 23.5 | China 37.4°N 96.7°E, H=01 05 32.8, h= =33km. M=4.5 (USCGS). Dc=57.9°. |
| 21 | e | 02 31 58.5 | |
| 21 | eiPKIKP | 03 36 38.3 | Fiji Islands 22.1°S 179.5°W, H= =03 17 53.3, h=587km (ISC). Dc=150.0°. |
| | eiPKP2 | 36 46.8 | |
| 21 | e | 08 40 43 | |
| 21 | e | 15 17 37 | Sumatra 5.9°S 104.2°E, H=15 04 20.4, h= =57km (ISC). M=5.4 USCGS, 5.3 ISC. Dc= =94.2°. |
| | ei | 17 45.0 | |
| | eiPP | 21 21.4 | |
| 21 | eiP | 17 11 10.5 | Japan 43.5°N 139.9°E, H=16 59 26.5, h= =24km (ISC). M=4.3 ISC, 4.2 USCGS. Dc= =75.4°. |

| Date | Phase | h m s | Remarks |
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| 22 | ePKP2 | 04 09 12 | Kermadec Islands 28.1°S 176.1°W, H= =03 48 46.7, h=15km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=156.9°. |
| 22 | iPKP2 | 11 00 11.2 | D. Kermadec Islands 29.0°S 175.8°W, H= =10 39 42.1, h=17km (ISC). M=5.2 ISC, USCGS. Dc=157.9°. |
| | ei | 00 36.8 | |
| 22 | ePKIKP | 11 12 15 | Tonga Islands 23.9°S 175.5°W, H= =10 52 19.4, h=40km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=152.8°. |
| 22 | iPg | 12 12 05.8 | D=1.6°. iSg 12 28.3. |
| 22 | eiPg | 12 12 44.7 | D=1.7°. eiSg 12 07.7. |
| 22 | eiPg | 12 13 19.5 | D=1.6°. eiSg 13 42.0. |
| 22 | eiPg | 13 30 43 | Kurile Islands 50.6°N 150.2°E, H= =13 20 00.4, h=463km (ISC). M=4.4 USCGS, 4.3 ISC. Dc=72.9°. |
| 22 | e | 23 18 21 | ei 18 27.0. |
| 23 | ei | 09 00 33.6 | eiSg 00 46. |
| 23 | ei | 12 43 58 | iSg 44 29.5. |
| 23 | eiSg | 13 28 43.5 | Explosion of 1.9 Tons 49°15.1'N 13°37.5' E. Dc=104km (Prühonice). |
| 23 | eiP | 14 11 53.5 | Turkey 40.5°N 26.2°E, H=14 08 58.6, h= =33km (ISC). M=5.2 USCGS, 5.1 ISC. MLH= =5.5 Prühonice. D=12.5°, Dc=12.5°. QmH: 22s 44µ, RmH: 12s 20µ, RmV: 12s 8µ. |
| | i | 12 07.2 | |
| | ei | 13 22 | |
| | ei | 13 49 | |
| | eiS | 14 14 | |
| | ei | 14 20 | |
| | Q | 15 00 | |
| | Rm | 16.2 | |
| | Rm | 17.5 | |
| 23 | e | 16 38 52 | |
| 23 | iP | 19 59 01.2 | C. Mexico 16.3°N 95.8°W, H=19 46 03.8, h=29km (ISC). M=6.9 USCGS, 6.8 ISC, MPH=7.3, MPV=7.1, MLH=7.5 Prühonice. D=90°, Dc=90.1°. PH: 15s 16µ, PV: 11s, LmH: 22s 185µ, LmV: 22s 65 µ, LmH: 18s 175 µ, LmV: 18s 90 µ. |
| | i | 59 06.8 | |
| | i | 20 02 19.5 | |
| | ei | 08 15 | |
| | eiS | 09 51.5 | |
| | eiSS | 16 00 | |
| | Lm | 34 | |
| | Lm | 39.5 | |
| 23 | ePKIKP | 22 28 49 | New Ireland 3.8°S 151.2°E, H=22 09 48.3, h=6km (ISC). M=5.3 USCGS, 5.1 ISC. Dc= =121.2°. |
| 23 | e | 23 51 25 | |

| Date | Phase | h m s | Remarks |
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| 24 | iP | 01 09 25.0 | Mexico 16.0°N 96.2°W, H=00 56 22.9, h= =19km (ISC). M=5.5 USCGS, 5.3 ISC. Dc= =90.6°. |
| 24 | eiP | 01 14 00.5 | Mexico 15.9°N 96.2°W, H=01 00 57.8, h= =17km (ISC). M=5.6 ISC, 5.5 USCGS, Dc= =90.7°. |
| 24 | eiP | 01 14 49.0 | Crete 35.7°N 23.5°E, H=01 11 07.2, h= =54km (ISC). M=4.9 USCGS, 4.7 ISC. Dc= =15.7°. |
| 24 | ei eiSg | 02 19 42.5 20 30.5 | Germany 48.0°N 9.3°E, H=02 18 33 (BCIS). Dc=4.0°. |
| 24 | eiPKIKP iPKHKP eipPKHKP e | 07 26 02.2 26 08.0 27 20 29 09 | D. West of Tonga 21.9°S 177.2°W, H= =07 06 48.5, h=273km (ISC). M=5.7 USCGS, 5.3 ISC. Dc=150.5°. |
| 24 | e | 11 15 08 | ei 15 21.7. |
| 24 | ei | 11 17 34.8 | eiSg 17 58.8. |
| 24 | e | 13 01 23 | |
| 24 | eiP ei ei eS e eL Lm | 13 23 29 25 48 26 33 32 44 41.2 50 14 00.5 | Gulf of Alaska 59.3°N 145.9°W, H= 13 12 21.0, h=33km (ISC). M=5.3 USCGS, 5.1 ISC, MLH=5.1 Prühonice. D=71°, Dc= 69.9°. LmH:15s 0.7µ. |
| 24 | e | 19 32 17 | Yugoslavia 43.2°N 18.1°E, H=19 30 (Sara- jevo). Dc=7.2°. |
| 24 | e | 19 33 09 | eiSg 33 39. |
| 25 | eL Lm | 00 04 15 06 00 | Turkey 40.4°N 26.2°E, H=23 57 35.4, h= 18km(ISC). M=4.2 ISC, USCGS, MLH=4.5 Prühonice. Dc=12.5°. LmH: 11s 2.1 µ, LmV: 11s 1.5 µ. |
| 25 | eiP ei eL Lm | 05 01 45 02 19.8 06 30 07.7 | Crete 34.7°N 25.1°E, H=04 57 45.7, h= =10km (ISC). M=4.9 USCGS, 4.8 ISC. Dc= =17.1°. |
| 26 | e | 09 01 44 | |
| 26 | ePn iPg eiSg Lm | 11 00 45 00 46.5 00 55.0 01 01 | D=85km. |

| Date | Phase | h m s | Remarks |
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| 26 | e | 12 38 40 | ei 38 43.5, eiSg 39 11.5. |
| 27 | eP e | 04 29 04 29 16 | Eastern Caucasus 40.4°N 49.5°E, H= 04 23 25.2, h=35km (ISC). M=4.5 USCGS, 4.4 ISC. Dc=26.2°. |
| 27 | ePn e eiPg | 07 27 27 27 49 27 54 | Switzerland 47.0°N 8.0°E, H=07 26 12.9, h=33km (ISC). Dc=5.3°. |
| 27 | e | 12 46 08 | ei 46 31, ei 46 57.5, i 47 29. |
| 27 | iPg iSg Lm | 13 58 58.0 59 09.5 59 17 | Explosion of 17.5 Tons 49°52.5'N 15°52' E, Dc=94km(Prühonice). |
| 27 | e | 14 48 01 | i 48 07. |
| 27 | e | 17 01 35 | e 01 53, eiSg 02 12. |
| 27 | iP eiPoP | 18 33 58.5 34 08.5 | C. Kurile Islands 44.5°N 149.1°E, H= =18 22 06.3, h=67km (ISC). M=5.4 USCGS, 5.2 ISC. Dc=77.9°. |
| 28 | iP | 08 02 18.8 | Kamchatka 51.5°N 159.3°E, H=07 50 42.8, h=50km (ISC). M=4.5 USCGS, 4.2 ISC. Dc= =74.5°. |
| 28 | e | 22 57 45 | ei 57 50.5. |
| 29 | eiPKIKP ei | 00 18 34 18 46 | Tonga Islands 15.9°S 173.1°W, H= =23 58 59.5, h=44km (ISC). M=4.3 USCGS. Dc=145.4°. |
| 29 | eP e | 01 58 41 59 02 | Guatemala 14.2°N 90.6°W, H=01 45 57.6, h=108km (ISC). M=5.1 ISC, USCGS, Dc= =88.7°. |
| 29 | ei | 11 36 07 | |
| 29 | e | 12 03 17 | eiSg 03 41. |
| 29 | e | 12 03 57.5 | ei 04 21.0, ei 05 27. |
| 29 | ePKIKP eL Lm | 13 06 02 52 14 05 | New Hebrides 15.7°S 167.5°E, H= =12 46 35.1, h=33 (ISC). M=6.0 USCGS, 5.1 ISC, MLH=5.7 Prühonice. Dc=139.4°. LmE: 25s 1.2 µ. |
| 29 | eiPKIKP iPKHKP | 14 15 53.7 15 57.2 | C. West of Tonga 17.7°S 178.8°W, H= 13 57 20.3, h=574km (ISC). M=5.6 USCGS, 5.2 ISC. Dc=146.0°. |

| Date | Phase | h m s | Remarks |
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| 30 | eiPKIKP eiPP ei eiSS Lm | 03 51 30.0 51 28.0 55 12.5 04 12 51 53 | New Hebrides 16.9°S 167.4°E, H= =03 32 02.9, h=17km (ISC). M=5.5 USCGS, 5.4 ISC, MLH=5.6 Prühonice. Dc=140.4°. LmH: 23s 1.1 μ . |
| 30 | e | 12 39 20 | eiSg 39 43.5. |
| 30 | eP eiPP | 18 23(00) 26 50.5 | Sunda Strait 6.5°S 104.7°E, H= =18 09 44.3, h=74km (ISC). M=6.1 USCGS, 5.5 ISC. Dc=95.0°. |
| 31 | eiPn ei ei eiSg | 01 49 52 50 31 51 14 51 36.5 | Italy 44° 1/4 N 11° 3/4 E, H=01 48 15 (BCIS). D=6°, Dc=6.1°. |
| 31 | iPg | 03 46 47.5 | D=1.8°. iSg 47 12. |
| 31 | eiP | 06 01 52.9 | C. Turkey 39.3°N 41.2°E, H=05 57 03.8, h=33km (USCGS). M=4.5 USCGS, MPV=4.3(cp) Prühonice. Dc=21.7°. |
| 31 | eiP ei iS i ei L Lm | 07 34 35.7 34 48 38 39 39 07 39 31 41 45.5 | D.E. Turkey 39.4°N 40.8°E, H=07 29 46.9, h=11km (ISC). M=5.1 ISC, USCGS, MLH=5.1, MPV=5.4(cp), MSH=5.7 Prühonice. D=23°, Dc=21.4°. LmH: 16s 6.9 μ , SH: 8s 2.5 μ , SV: 8s 1 μ . |
| 31 | eiP | 08 00 50.5 | Japan 43.5°N 144.4°E, H=07 48 54.3, h= =10km (ISC). M=4.9 ISC, USCGS. Dc=77.2°. |
| 31 | eiP | 08 16 28.5 | Japan 43.5°N 144.5°E, H=08 04 31.2, h=8km (ISC). M=4.8 USCGS, 4.6 ISC. Dc= =77.2°. |
| 31 | eiP | 09 22 09 | Central Mid-Atlantic Ridge 1.0°N 27.7°W, H=09 12 01.2, h=33km (ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.1(cp) Prühonice. Dc=60.6°. PV(cp): 1.5s 31 mp. |
| 31 | eP ei | 10 55 02 55 14.5 | Greece 37.5°N 21.0°E, H=10 51 56.1, h= =41km (ISC). M=4.6 USCGS, 4.3 ISC. Dc= =13.3°. |
| 31 | eiPn | 13 10 18.5 | D=1.4°. eiPg 10 19.6, ei 10 32, eiSg 10 36. |
| 31 | ei | 13 32 36.5 | |

| Date | Phase | h m s | Remarks |
|------|--------------------------|---------------------------------------|---|
| 1 | iP eipP | 04 39 54.9 41 44 | D. Sea of Okhotsk 51.3°N 150.7°E, H= =04 29 19.3, h=501km (ISC). M=5.1 ISC, USCGS, MPV=5.3 (cp) Prühonice. Dc=72.4°. PV(cp): 1s 106 mp. |
| 1 | eiPKIKP eiPKP2 ei | 05 07 22 08 10 12 55 | Kermadec Islands 34.7°S 179.8°E, H= =04 47 30.7, h=75km (ISC). M=5.7 USCGS, 5.6 ISC. Dc=161.3°. |
| 1 | eiPKIKP ei ei | 06 57 39.8 07 01 07 02 23 | New Hebrides 14.5°S 167.3°E, H= =06 38 37.0, h=195km (ISC). M=5.6 USCGS, 5.2 ISC. M=138.2°. |
| 1 | iPKIKP | 07 53 12.0 | Tonga Islands 18.8°S 172.4°W, H= 07 33 28.2, h=44km (ISC). M=5.0 USCGS, 4.8 ISC. Dc=148.4°. |
| 1 | eiPg | 13 08 24 | D=1.7°. iSg 08 47.5. |
| 1 | eP | 14 22 40 | |
| 1 | ePKIKP | 16 50 09 | West of Tonga 17.0°S 177.6°W, H= =16 31 17.5, h=420km (ISC). M=4.7 USCGS, 4.5 ISC. Dc=145.7°. |
| 1 | eiPKIKP | 20 27 10.6 | Tonga Islands 20.4°S 173.5°W, H= =20 07 25.8, h=63km (ISC). M=5.0 ISC, USCGS. Dc=149.8°. |
| 2 | eiPKIKP | 00 11 10.3 | West of Tonga 18.2°S 178.0°W, H= =23 52 34.8, h=609km (ISC). M=4.4 ISC, 4.3 USCGS. Dc=146.7°. |
| 2 | eP | 00 32 31 | Kurile Islands 44.2°N 149.3°E, H= =00 20 33.6, h=46km (ISC). M=4.6 USCGS, 4.5 ISC. Dc=78.3°. |
| 2 | e | 02 43 24 | |
| 2 | iP eiPP ePPS Lm | 04 38 29.5 41 19 49 07 05 13 | C. Aleutian Islands 51.9°N 175.5°E, H= =04 26 37.8, h=30km (ISC). M=5.7 USCGS, 5.5 ISC, MPV=5.5(cp) Prühonice. Dc= =77.2°. PV(cp): 1.2s 49 mp. |
| 2 | ei | 05 10 40 | iPg 10 44.5, eiSg 11 08.5. |
| 2 | eiPg | 12 42 44.2 | D=1.7°. iSg 43 07.0. |
| 2 | eiPn | 13 58 20.8 | D=1.5°. eiPg 58 22.6, iSg 58 41.3. |
| 2 | eP | 19 40 36 | Kurile Islands 44.2°N 149.3°E, H= 19 28 34.7, h=17km (ISC). M=4.5 USCGS, 4.4 ISC. Dc=78.3°. |
| 3 | e | 12 53 51 | ei 54 10.5, eiSg 54 34.5. |

| Date | Phase | h m s | Remarks |
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| 3 | e | 12 59 57 | ei 13 00 37.5, eiSg 00 42.5. |
| 3 | ei | 14 47 53.8 | ei 48 36, eiSg 48 40.0. |
| 4 | eiP | 08 00 43 | C. Aleutian Islands 52.2°N 170.5°W, H=07 48 43.6, h=17km (ISC). M=5.3 USCGS, 5.1 ISC, MPV=5.3(cp) Prühonice. Dc=78.1°. PV(cp): 1.5s 38 µ. |
| 4 | e | 10 05 29 | eiSg 06 11.0 |
| 4 | eiP ei eS eL Lm Lm | 10 31 45.3 32 18 41 37 56 11 03 10 | C. Kurile Islands 46.6°N 153.4°E, H= =10 19 49.7, h=14km (ISC). M=5.5 USCGS, 5.3 ISC, MLH=5.6 Prühonice. Dc=77.4°. LmH:23s 3.1 µ. LmH: 18s 2.5 µ. |
| 4 | iP i eiPP ei eiS eiPS eiSS ei Q Qm Rm Rm | 14 44 09.9 44 12.5 46 55.5 48 49 53 30.5 54 07 58 03 15 01 59 07.5 10 19.8 23.9 | C. Kodiak Island 58.3°N 152.5°W, H= =14 32 50.2, h=30km (ISC). M=6.2 USCGS, 6.1 ISC, MPV=6.1(cp), MLH=6.6 Prühonice. Dc=71.6°. PV(cp):1.2s 190 µ, QmH: 32s 34 µ, RmH: 20s 33 µ, RmV:20s 26 µ, SH: 12s 8.3µ. |
| 4 | eiPKIKP ei | 21 46 21.2 46 32 | Samoa Islands 16.5°S 172.2°W, H= =21 26 46.0, h=40km (ISC). M=4.7 USCGS, 4.5 ISC. Dc=146.1°. |
| 5 | eiPKIKP | 11 49 54 | West of Tonga 17.7°S 178.7°W, H= =11 31 16.9, h=575km (ISC). M=5.0 USCGS, 4.6 ISC. Dc=146.1°. |
| 5 | e | 12 55 23 | eiSg 55 46. |
| 5 | ei | 13 00 05.7 | eiSg 00 29.5. |
| 5 | iPg | 13 45 06.0 | ei 45 32.8, eiSg 45 53. |
| 5 | e | 16 38 28 | |
| 5 | eiPKIKP | 21 41 22.0 | D. West of Tonga 20.5°S 178.3°W, H= =21 22 36.9, h=559km (ISC). M=4.9 USCGS, 4.5 ISC. Dc=148.8°. |
| 5 | eiPKIKP | 23 40 22 | Samoa Islands 16.9°S 172.2°W, H= =23 20 41.1, h=33km (USCGS). M=4.6 USCGS. Dc=146.5°. |

| Date | Phase | h m s | Remarks |
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| 6 | i | 00 41 54.5 | i 42 08.2. |
| 6 | eiP | 03 08 45.4 | Taiwan 21.1°N 121.1°E, H=02 56 17.8, h= =57km (ISC). M=4.7 ISC, USCGS. Dc=84.2°. |
| 6 | eiP ei e eL Lm | 03 31 07 31 36.0 41 38 04 03 09 | Taiwan 21.3°N 121.2°E, H=03 18 40.7, h= =45km (ISC). M=5.2 ISC, 5.1 USCGS, MLH= =5.4 Prühonice. Dc=84.1°. LmH: 18s 1.5 µ. |
| 6 | ei | 10 48 04.8 | eiSg 48 54.2. |
| 6 | eiP | 11 54 28.2 | Kurile Islands 46.6°N 152.8°E, H= =11 42 40.1, h=59km. M=5.3 USCGS, 5.1 ISC. Dc=77.2°. |
| 6 | ei | 12 40 25.3 | iSg 40 49.5, ei 41 03.2, i 41 25.2 |
| 6 | ei | 13 01 16.5 | ei 01 34, eiSg 01 43.2. |
| 6 | ei | 13 25 46.3 | |
| 6 | eiP | 23 43 12 | ei 43 22. |
| 7 | eiP | 06 20 39.0 | Algeria 35.1°N 4.4°E, H=06 16 44.8, h= =8km (ISC). M=4.5 (ISC). M=4.5 USCGS. Dc=16.6°. |
| 7 | eiP | 07 10 37.7 | C. Volcano Islands 24.3°N 142.7°E, H= =06 57 24.1, h=10km (ISC). M=5.2 ISC, USCGS, MPV=5.3(cp) Prühonice. Dc=92.9°. PV(cp): 1.2s 21µ. |
| 7 | ePKIKP | 08 48 17 | New Hebrides 15.6°S 167.1°E, H= =08 28 52.0, h=33km (ISC). M=4.7 USCGS, 4.6 ISC. Dc=139.1°. |
| 7 | iPKIKP epPKIKP | 11 33 04.2 34 43 | D. West of Tonga 18.5°S 177.4°W, H= =11 14 07.5, h=405km (ISC). M=5.3 USCGS, 5.2 ISC. Dc=147.2°. |
| 7 | eSg | 14 13 08 | Poland 50.3°N 18.9°E, H=14 11 38.7. M= =2.5 (Warsaw). Dc=2.8°. |
| 7 | ePg e eiSg | 20 09 22 10 01 10 14.6 | Germany 49.1°N 8.1°E, H=20 08 00 (BCIS). Dc=4.3°. |
| 8 | iP i eS eL Lm | 03 37 45.7 37 52.0 47 10 04 06 20 | C. Kodiak Island 57.5°N 152.1°W, H= =03 26 21.0, h=25km (ISC). M=5.6 USCGS, 5.5 ISC, MLH=5.0 Prühonice. D=73°, Dc= =72.3°. LmH:19s 0.7 µ. |

| Date | Phase | h m s | Remarks |
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| 8 | iPg i i Lm | 09 59 59.6 10 00 01.6 00 03.6 00 07 | Explosion of 9.7 Tons 49°45.8'N 14°52'E. Dc=33km(Práhonice). |
| 8 | eiPg iSg | 10 24 43.5 24 57.5 | D=1.1°. |
| 8 | iP ei eS e eL Lm | 11 28 10.4 28 35 37 50 38 13 52 12 11 | C. Alaska 55.7°N 155.3°W, H=11 16 33.6, h=24km (ISC). M=5.5 USCGS, 5.3 ISC, MPV= =5.1(cp), MLH=5.2 Práhonice. Dc=74.3°. PV(cp):1.5s 29mp, LmH:16s 0.9μ. |
| 8 | ePKIKP | 12 05 20 | Kermadec Islands 27.3°S 176.6°W, H= =11 45 42.1, h=70km (ISC). M=5.2 USCGS, 5.1 ISC. Dc=155.8°. |
| 8 | eiPg | 12 50 01.6 | D=1.7°. eiSg 50 24.7. |
| 8 | eiPg | 12 50 53.5 | D=2.2°. eiSg 51 21.1. |
| 8 | e | 13 43 10 | ei 43 16.6. |
| 9 | eP ei | 04 51 36 51 38 | Japan 43.5°N 144.3°E, H=04 39 41.7, h= =16km (ISC). M=5.1 USCGS, 5.0 ISC. Dc= =77.1°. |
| 9 | iPg iSg | 07 11 06.5 11 30.5 | D=1.8°. |
| 9 | eP ei eiPP eiSKS eiS eiPS eiSS eL Lm | 10 15 29.4 18 20 19 13.5 26 03 26 29 27 41 32 31 45 48.5 | America 6.5°N 84.4°W, H=10 02 25.7, h= =22km (ISC). M=5.8 ISC, 5.6 USCGS, MLH= =6.0 Práhonice. D=92°, Dc=90.8°. LmH: 24s 5.5μ. |
| 9 | ei | 12 45 52.6 | iSg 46 16.1. |
| 9 | eiPg | 14 00 35.2 | D=2.3°. iSg 01 04.3. |
| 9 | eiP | 17 51 34 | Japan 43.6°N 145.5°E, H=17 39 53.0, h= =150km (JMA). Dc=77.3°. |
| 9 | eSg | 20 30 07 | Poland 50.4°N 18.9°E, H=20 28 36.1, M= 2.5(Warsaw). Dc=2.8°. |
| 10 | eiPKIKP | 01 43 05.5 | West of Tonga 21.1°S 178.7°W, H= =01 24 18.7, h=559km (USCGS). M=4.6 USCGS. Dc=149.3°. |

| Date | Phase | h m s | Remarks |
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| 10 | e | 11 33 38 | |
| 10 | ei iSg | 12 49 31 49 55 | |
| 10 | e | 12 50 50 | eiSg 51 13. |
| 10 | eiP eipP | 15 13 39.7 14 08.8 | C. Japan 42.8°N 143.5°E, H=15 01 56.3, h=122km(ISC). M=5.2 USCGS, 5.0 ISC. Dc=77.4°. |
| 10 | eiPKIKP | 15 58 10.8 | West of Tonga 20.6°S 178.7°W, H= =15 39 30.2, h=605km(ISC). M=4.5 USCGS, 4.3 ISC. Dc=148.8°. |
| 10 | e | 17 24 28 | |
| 10 | eiP eipP | 19 38 01 38 19 | Japan 37.4°N 141.2°E, H=19 25 52.6, h=77km(ISC). M=5.3 USCGS, 5.1 ISC. Dc= =81.1°. |
| 11 | eiP | 02 01 52 | Gulf of Aden 12.7°N 50.4°E, H= =01 53 20.5, h=33km(USCGS). Dc=47.4°. |
| 11 | eP ei e | 04 52 08 52 17.3 56 21 | Greece 39.1°N 22.1°E, H=04 49 12.8, h=42km (ISC). M=4.4 ISC, 4.1 USCGS, Dc= =12.2°. |
| 11 | iPKIKP ei e eiSKS e eiPKKP ei ei eL Lm | 07 11 53.5 13 29 18 55 19 09 20 27 21 43 23 23 25 27 29 05 50 08 04 | D. New Ireland 5.3°N 153.1°E, H= =06 53 00.3, h=55km (ISC). M=6.5 USCGS, 6.0 ISC, MLH=5.9 Práhonice. Dc=123.5°. LmH:23s 3μ. |
| 12 | eSn | 00 50 27 | Italy 44.4°N 9.7°E, H=00 47 49 (BCIS). Dc=6.4°. |
| 12 | eiPn ei eiSn ei eiSg Lm | 05 13 34.7 14 19 14 49 15 14.8 15 38 16 | Italy 44.5°N 9.8°E, H=05 12 02.1, h= =27km (ISC). M=4.0, MLH=3.2 Práhonice. D=6.5°, Dc=6.3°. LmE:7s 0.1μ. |

| Date | Phase | h m s | Remarks |
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| 12 | eiPKIKP ePP e e i eSKS e ei Lm | 08 59 07.5 09 00 55 06 07 07 42 08 55.9 10 06 11 31 12 29 53 | New Britain 6.4°S 151.7°E, H= =08 40 11.1, h=30km (ISC). M=6.3 USCGS, 5.9 ISC, MLH=6.0 Prühonice. Dc=123.7°. LmE:20° 2.8µ. |
| 12 | ePg | 12 02 31 | D=1.6°. eiSg 02 52.2. |
| 12 | ePg | 12 03 45.7 | D=1.9°. eiSg 04 11.3. |
| 12 | eiP | 21 36 34.5 | Kamchatka 53.3°N 158.8°E, H=21 25 16.5, h=103km (ISC). M=4.5 USCGS, 4.3 ISC. Dc= =72.7°. |
| 12 | iP ei eiS eiPS eSS e Qm Rm | 22 14 09.2 16 29 23 35 24 15 28 18 32.5 38 47.6 | D.E.S. Chagos Archipelago 6.5°S 70.8°E, H=22 02 37.7, h=62km (ISC). M=6.2 USCGS, 6.1 ISC, MPV=6.1(cp), MLH=5.7 Prühonice. D=74°, Dc=74.3°. PV(cp):2s 458mp, QmH: 40s 7.7µ, RmE: 20s 2.3 µ. |
| 12 | e | 22 41 42 | |
| 13 | e | 12 36 20 | ei 36 46.2, eiSg 37 10. |
| 13 | eiP i ei eiS eSS e eL Lm | 13 19 13.5 19 20.0 21 46 28 35 33 11 37.1 42 51 | C. Komandorsky Island 55.3°N 166.0°E, H=13 07 49.7, h=21km(ISC). M=5.5 USCGS, 5.4 ISC, MPV=5.1(cp), MLH=5.6 Prühonice. D=73°, Dc=72.4°. PV(cp): 1.2s 21µ, LmE: 20s 2.8µ. |
| 13 | ePKIKP ePP | 16 35 02 37 07 | West Chile Rise 36.6°S 97.6°W, H= =16 15 44.6, h=32km (ISC). M=5.4 USCGS, 4.9 ISC. Dc=130.5°. |
| 13 | eiPKIKP | 19 44 13.0 | West of Tonga 20.9°S 178.7°W, H= 19 25 30.9, h=599km (ISC). M=5.0 USCGS, 4.6 ISC. Dc=149.1°. |
| 13 | eiP | 21 43 24.3 | Kurile Islands 49.1°N 155.9°E, H= 21 31 44.6, h=65km (ISC). M=5.2 USCGS, 4.8 ISC. Dc=75.8°. |
| 14 | eiPKIKP eipPKIKP | 07 46 46.3 47 13.1 | Tonga Islands 16.6°S 173.3°W, H= = 07 27 14.5, h=82km (ISC). M=4.9 USCGS, 4.8 ISC. Dc=146.1°. |

| Date | Phase | h m s | Remarks |
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| 14 | eP ei | 08 18 10 18 21 | Ionian Sea 37.3°N 20.5°E, H=08 15 05.1, h=39km (USCGS). M=4.2 USCGS. Dc=13.4°. |
| 14 | eiP eSKS eS eL Lm | 08 40 47.5 51 24 52 11 09 20 32 | C. Philippine Islands 8.4°N 126.9°E, H=08 27 18.3, h=56km (ISC). M=5.8 USCGS, 5.4 ISC. MLH=5.5 Prühonice. D=98°, Dc= =97.6°. LmE:20s 1.2µ. |
| 14 | eiP | 09 13 06.8 | Japan 35.3°N 141.0°E, H=09 00 45.2, h= =43km (ISC). M=4.8 ISC, 4.6 USCGS. Dc= =82.8°. |
| 14 | eP | 14 30 09 | Aleutian Islands 52.3°N 175.4°E, H= =14 18 14.6, h=46km (ISC). M=4.9 ISC, 4.8 USCGS. Dc=76.8°. |
| 14 | eP | 16 14 40 | |
| 14 | eP | 22 07 45 | Philippine Islands 8.3°N 126.7°E, H= =21 54 20.5, h=100km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=97.6°. |
| 14 | eiP | 23 00 32 | Taiwan 25.5°N 124.8°E, H=22 48 20.7, h= =130km (ISC). M=5.1 USCGS, 5.0 ISC. Dc= =82.8°. |
| 14 | ePKIKP | 23 54 16 | Loyalty Islands 20.1°S 168.7°E, H= 23 34 41.6, h=50km(ISC). M=4.6 ISC, 4.3 USCGS. Dc=143.8°. |
| 15 | iPg | 04 14 08.8 | D=1.9°. iSg 14 32.9. |
| 15 | ePg | 12 53 53 | D=1.8°. iSg 54 17. |
| 15 | e(P) | 13 34 02 | Aleutian Islands 52.2°N 170.6°W, H= =13 21 56.8, h=35km (ISC). M=4.4 USCGS, 4.3 ISC. Dc=78.1°. |
| 16 | eiP Lm | 04 22 49.0 05 27 | California 40.4°N 125.6°W, H=04 10 23.4, h=33km (ISC). MPV=5.3(cp) Prühonice. Dc= =83.4°. PV(cp): 1.5s 28µ, LmH:20s 0.3µ |
| 16 | e | 08 40 15 | eiSg 40 31, Lm 40.53. |
| 16 | eiPg | 12 39 04 | D=1.6°. iSg 39 26.5. |
| 16 | eiP | 13 36 45.0 | Kurile Islands 50.5°N 150.5°E, H= =13 26 00.0, h=440km (ISC). M=4.9 USCGS, 4.7 ISC. Dc=73.1°. |
| 16 | iP eipP e eiPP | 14 03 31.2 04 13 06 54 07 27 | C. Philippine Islands 7.1°N 126.6°E, H=13 50 12.2, h=178km (ISC). M=6.0 USCGS, 5.9 ISC, MPV=6.2(cp). Dc=98.4°. PV(cp): 1s 109mp. |

| Date | Phase | h m s | Remarks |
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| 16 | iPKIKP | 16 39 08.3 | D. West of Tonga 20.9°S 178.6°W, H= =16 20 22.6, h=559km (ISC). M=5.0 USCGS, 4.6 ISC. Dc=149.2°. |
| 16 | eiP | 20 01 33.6 | United States 37.2°N 74.4°W, H= =19 51 08.6, h=0(ISC). M=5.1 USCGS, 5.0 ISC. Dc=61.9°. Planned Explosion of 300 Tons of TNT. |
| 17 | eiP | 01 25 29.0 | Alaska 54.3°N 162.7°W, H=01 13 45.9, h= =54km (ISC). M=4.7 ISC, 4.6 USCGS. Dc= =76.1°. |
| 17 | iP e eiPP | 04 07 34.4 08 49 09 08 | C. Eastern Kazakhstan 49.8°N 78.1°E, H= =03 59 57.2, h=0km (ISC). M=5.6 USCGS, 5.2 ISC, MPV=4.8(cp) Práhonice. Dc=39.9° PV(cp): 1s 23mp. |
| 17 | eiPKP | 08 38 44.2 | D. Fiji Islands 23.3°S 179.3°E, H= =08 19 54.8, h=566km (ISC). M=5.2 USCGS, 5.1 ISC. Dc=150.8°. |
| 17 | eP | 09 14 03 | |
| 17 | eiPg i iSg Lm | 09 59 02.3 59 06.3 59 07.6 59 15 | Explosion of 8 Tons 50°02.2'N 13°55.6'E. Dc=44km (Práhonice). |
| 17 | eiPg | 09 59 49 | ei 59 54.8. |
| 17 | eiP ipP ei eiPP ei iSKS eiSP e Lm | 11 26 47.6 27 34.1 29 25 30 36 31 11 37 05 38 31 44.0 12 02.5 | D. Ecuador 1.4°S 77.7°W, H=11 13 53.5, h=161km (ISC). M=6.2 USCGS, 5.9 ISC, MPV=6.0(cp) Práhonice. D=92°, Dc=92.5°. PV(cp):1.8s 5.5mp, LmH:22s 2.4p. |
| 17 | eiP | 11 52 06.5 | |
| 17 | iPg iSg Lm | 12 20 18.3 20 21.3 20 23 | Explosion of 8 Tons 49°50.6'N 14°50.3'E. Dc=24km(Práhonice). |
| 17 | eiP ei | 13 11 33.2 11 44.5 | C. Japan 36.4°N 141.4°E, H=12 59 17.9, h=55km (ISC). M=5.2 USCGS, 5.0 ISC. Dc= =82.1°. |
| 17 | eiP ei | 13 33 14.5 33 25.5 | C. Japan 36.4°N 141.4°E, H=13 20 59.5, h=55km (ISC). M=5.4 USCGS, 5.3 ISC, MPV= 5.4(cp) Práhonice. Dc=82.0°. PV(cp): 1.7s 50mp. |

| Date | Phase | h m s | Remarks |
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| 17 | eiP ei ei | 14 34 56.2 35 07.5 35 18 | Japan 36.4°N 141.4°E, H=14 22 38.8, h= 45km (ISC). M=5.6 USCGS, 5.4 ISC, MPV= =5.4(cp) Práhonice. Dc=82.1°. PV(cp): 1.1s 49 mp. |
| 17 | iP ei ePP | 15 30 53.7 31 14 33 54 | C. Japan 36.3°N 141.4°E, H=15 18 36.5, h=46km (ISC). M=5.5 USCGS, 5.4 ISC, MPV= =5.5(cp) Práhonice. Dc=82.1°. PV(cp): 1.1s 49 mp. |
| 17 | iP ei i eiPP iS eSS Q Qm R Rm | 16 33 36.6 33 49 34 10.5 36 41 43 42 49.0 17 02 05.7 09.5 14 | C. Japan 36.3°N 141.4°E, H=16 21 19.3, h=41km (ISC). M=6.2 USCGS, 6.1 ISC, MPV= =6.6(cp), MPV=6.5, MSH=6.4, MLH=7.0 Prá- honice. D=81°, Dc=82.1°. PV(cp):1.8s 100mp. PV:8s 2.9p, SH:10s 2.8p, QmH:22s 17p, RmH:16s 46p, RmV:16s 33p. |
| 17 | eiP | 17 11 35.3 | Japan 36.5°N 141.3°E, H=16 59 20.8, h= =57km (ISC). M=5.0 USCGS, 4.8 ISC. Dc= =81.9°. |
| 17 | eiP | 20 54 55 | Japan 36.3°N 141.4°E, H=20 42 38.2, h= =47km (ISC). M=4.9 USCGS, 4.8 ISC. Dc= =82.0°. |
| 18 | eiP eiPP eS ei Lm | 20 57 48.5 21 00 28 07 00 08 32.5 34.5 | Gulf of Alaska 59.4°N 145.2°W, H= =20 46 36.7, h=5km (ISC). M=5.3 USCGS, 5.1 ISC, MLH=5.3 Práhonice. D=71°. Dc= =69.7°. LmH: 16s 1.3p. |
| 18 | eiP ei eSKS eS Lm | 22 16 46.6 16 54 27 23 28 15 23 08.5 | Philippine Islands 8.3°N 127.0°E, H= H=22 03 15.1, h=56km (ISC). M=5.8 USCGS, 5.4 ISC, MLH=5.6 Práhonice. D=99°, Dc= 97.7°. LmE:18s 1.3p. |
| 19 | eiPKP | 01 36 33.5 | Tonga Islands 21.8°S 175.0°W, H= 01 16 47.2, h=74km (ISC). M=4.3 USCGS, 4.1 ISC. Dc=150.9°. |
| 19 | eiPKIKP ei | 01 46 39 46 44.8 | D. Tonga Islands 22.2°S 174.7°W, H= =01 26 50.2, h=13km (ISC). M=5.5 USCGS, 5.4 ISC. Dc=151.4°. |

| Date | Phase | h m s | Remarks |
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| 19 | eiPn ei ei ei iP _{sg} iS _{sg} Lm | 08 11 50.8 11 56 12 03.4 12 08.8 12 12.1 13 09.8 13 21.5 | Germany 48.0°N 8.4°E, H=08 10 43.8, h= =33km (ISC). M=4.5 ISC, 4.0 USCGS, MLH= 3.8 Prühonice. D=4.5°, Dc=4.5°. LmH: 1s 0.7μ, LmV: 1s 0.4μ. |
| 19 | iP | 09 00 29.0 | C. Sumatra 0.9°S 99.8°E, H=08 47 46.1, h=68km (ISC). M=5.5 USCGS, 5.2 ISC. Dc= =87.6°. |
| 19 | eiPKIKP | 10 04 07 | New Hebrides 20.5°S 169.8°E, H= 09 44 47.8, h=134km (ISC). M=5.0 USCGS, 4.6 ISC. Dc=144.6°. |
| 19 | ePKIKP e | 14 15 36 20 19 | South Pacific Cordillera 54.7°S 135.6°W, H=13 55 45.6, h=74km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=161.2°. |
| 19 | eP | 15 54 48 | California 35.9°N 120.0°W, H= =15 42 10.9, h=22km (ISC). M=4.9 USCGS, 4.5 ISC. Dc=85.5°. |
| 20 | ePKIKP | 04 03 29 | Tonga Islands 22.6°S 175.1°W, H= =03 43 36.5, h=31km (ISC). M=5.1 USCGS, 4.9 ISC. Dc=151.6°. |
| 20 | eiPKIKP | 21 17 39 | Samoa Islands 16.1°S 172.6°W, H= =20 58 03.6, h=35km. M=4.8 USCGS, Dc= =145.7°. |
| 21 | iP eipP eiPP eS ei ei eL Lm | 01 50 29.2 51 16 53 33 02 00 21 00 37 01 25 10 26 | D. Ryukyu Islands 29.0°N 128.2°E, H= 01 38 30.3, h=195km (ISC). M=6.1 USCGS, 6.0 ISC, MPV=6.3, MLH=6.5 Prühonice. D= =82km, Dc=81.9°. PV(cp): 3s 2050μ. LmH: 28s 5μ. |
| 21 | eiP ei ei | 03 34 52 35 05 35 30 | North Atlantic Ocean 40.8°N 50.1°W, H= =03 26 37.1, h=21km (ISC). M=5.4 USCGS, 5.3 ISC. Dc=45.0°. |
| 21 | eiPKIKP | 17 22 23.5 | Tonga Islands 22.4°S 174.3°W, H= =17 02 29.1, h=33km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=151.5°. |
| 21 | e | 21 28 58 | eiSg 29 13. |
| 22 | eiP | 00 04 20 | Kurile Islands 46.1°N 150.3°E, H= =23 52 37.7, h=104km (ISC). M=5.0 USCGS, 4.7 ISC, Dc=76.9°. |

| Date | Phase | h m s | Remarks |
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| 22 | eP ei e e eL Lm | 04 36 03 36 10 39 16 53 38 05 03 05 | Burma 20.7°N 99.3°E, H=04 24 43.4, h= 5km (ISC). M=5.5 USCGS, 5.3 ISC, MLH= 5.2 Prühonice. Dc=71.1°, LmH: 21s 1.4μ. |
| 22 | ePP | 09 54 41 | New Guinea 1.3°S 134.0°E, H=09 35 24.6, h=8km (ISC). M=5.6 ISC, USCGS, Dc= =109.5°. |
| 22 | e | 10 53 45 | e 53 50. |
| 22 | ei | 11 00 30.5 | eiSg 00 41.5. |
| 22 | ei | 12 56 42.5 | eiSg 56 50.5, eiSg 57 11, ei 57 48.5. |
| 22 | e | 12 58 19 | eiSg 58 40. |
| 22 | eiP ei eL Lm | 13 01 59 02 09 32 42.6 | Japan 31.9°N 131.8°E, H=12 49 45.9, h= =44km (ISC). M=5.2 USCGS, 4.9 ISC, MLH= =5.5 Prühonice. Dc=81.5°. LmH: 16s 1.8μ. |
| 22 | eP | 17 34 59 | |
| 22 | eiPKIKP ei eiPP | 20 20 40 20 52 22 24 | New Britain 5.3°S 151.5°E, H=20 01 50.0, h=62km (ISC). |
| 22 | iP i iPP iS ei eiPS eSS eL Lm | 22 20 17.6 20 26.0 23 24 30 30 30 52 31 18 35 50 48.5 59.8 | C.S.W. Japan 36.4°N 141.4°E, H= =22 08 01.4, h=45km (ISC). M=5.8 ISC, 5.7 USCGS, MPV=6.4(cp), MPV=6.3, MPH= 6.4, MLH=6.0 Prühonice. D=82.5°, Dc= =82.0°. PV(cp): 2.5s 767 μ, PH: 4s 0.7μ, PV: 4s 1.1μ, LmH: 18s 7.3μ, LmV: 18s 7μ. |
| 23 | e | 12 14 13 | ei 14 53. |
| 23 | eiPg | 12 39 47.3 | eiSg 40 06.3, ei 40 12.8. |
| 23 | e | 15 24 08 | e(Sg) 24 38. |
| 23 | ePKIKP | 16 10 12 | West of Tonga 16.9°S 177.1°W, H= 15 50 34.2, h=33km (USCGS). M=4.7 USCGS. Dc=145.6°. |
| 23 | e | 17 13 06 | ei 13 25. |
| 24 | ePKIKP | 03 25 07 | Tonga Islands 24.7°S 175.8°W, H= =03 05 08.5, h=15km (ISC). M=4.7 USCGS, 4.6 ISC. Dc=153.5°. |

| Date | Phase | h m s | Remarks |
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| 24 | eiPg | 18 27 39.4 | D=55km. eiSg 27 46. |
| 24 | eP | 20 50 23 | Sumatra 5.1°N 96.0°E, H=20 38 09.8, h=52km (ISC). M=5.3 USCGS, 5.1 ISC. Dc=80.6°. |
| 25 | e eiPKP2 | 02 21 15 21 27 | Tonga Island 24.6°S 175.8°W, H=02 01 14.0, h=0km (ISC). M=5.2 USCGS, 5.1 ISC. Dc=153.2°. |
| 25 | iPg iSg Lm | 09 09 05.0 09 06.0 09 06.5 | D=8.5km. Explosion? |
| 25 | eiSg | 09 30 28 | Lm 30 36. |
| 25 | ei | 10 21 44.6 | |
| 25 | eP e | 11 06 02 06 15 | Mid-Atlantic Ridge 0.8°S 21.9°W, H=10 56 00.8, h=33km (ISC). M=5.0 ISC, USCGS. Dc=59.4°. |
| 25 | eiP e eL | 14 49 22 59 30 15 20 | Japan 39.6°N 143.3°E, H=14 37 33.3, h=25km (ISC). M=5.5 USCGS, 5.3 ISC, MLH=5.4, MPV=5.4(cp) Prühonice. Dc=80.0°. PV(cp):1.1s 59mp. LmH:18s 1.3μ. |
| 25 | iP ei | 14 54 35.0 54 46.5 | C. Japan 39.6°N 143.4°E, H=14 42 26.8, h=30km (ISC). M=5.1 ISC, 5.0 USCGS, MPV=5.1(cp) Prühonice. Dc=80.1°. PV(cp):1.2s 30mp. |
| 25 | iP ei eiPP | 15 05 42.0 05 59 08 37 | C. Japan 39.6°N 143.3°E, H=14 53 32.9, h=25km (ISC). M=5.4 ISC, USCGS, MPV=5.6(cp) Prühonice. Dc=80.0°. PV(cp):1s 68mp. |
| 25 | iP eiPP | 15 55 49.0 57 37 | C. Kirgiziya 41.5°N 75.0°E, H=15 47 56.3, h=12km (ISC). M=5.5 USCGS, 5.2 ISC, MPV=4.8(cp) Prühonice. Dc=42.0°. PV(cp):1.3s 23mp. |
| 25 | ePKIKP e | 16 08 47 10 20 | New Guinea 9.6°S 148.8°E, H=15 49 48.2, h=31km (ISC). M=6.0 USCGS, 5.3 ISC. Dc=124.7°. |
| 25 | eiP ei Lm | 20 16 20.5 16 42 28 | North Atlantic Ocean 54.2°N 35.3°W, H=20 10 08.6, h=43km (ISC). M=4.8 ISC, USCGS, MPV=5.0(cp), MLH=4.8 Prühonice. Dc=30.4°. |
| 26 | eP | 10 09 28 | North Atlantic Ocean 54.3°N 35.6°W, H=10 03 20.0, h=41km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=30.3°. |

| Date | Phase | h m s | Remarks |
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| 26 | ei i(Sg) ei i(Sg) ei ei(Sg) | 12 10 05 10 28.0 11 38.5 11 57.0 12 22 12 44.5 | Explosion. |
| 26 | ePKIKP eiPP e eL Lm | 21 52 30 53 20 22 03 18 35 39.5 | Georgia Island 54.7°S 38.3°W, H=21 33 55.3, h=33km (ISC). M=6.1 USCGS, 5.9 ISC, MLH=5.3 Prühonice. Dc=113.3°. LmE:17s 0.5μ. |
| 27 | iP ei | 05 21 04.5 21 27.5 | C. Aleutian Islands 51.9°N 175.6°E, H=05 09 07.5, h=0km (ISC). M=5.5 ISC, USCGS, MPV=5.2(cp) Prühonice. Dc=77.3°. PV(cp):1s 22mp. |
| 27 | ePg eiSg | 10 57 32 58 10 | Poland 50.3°N 18.9°E, H=10 56 41. M=3.0(Warsaw). D=2.8°, Dc=2.8°. |
| 27 | eiPg ei iSg | 12 49 14 49 33 49 38 | D=1.8°. |
| 27 | eiP | 20 51 33 | Kurile Islands 46.0°N 151.1°E, H=20 39 41.5, h=41km (ISC). M=4.8 ISC, USCGS. Dc=77.3°. |
| 28 | iPg iSg | 04 10 29.9 10 53.9 | D=1.8°. |
| 28 | eiPKIKP ei eiPKP2 ei eSS eSSS eL Lm | 05 26 34.5 26 47 27 06 33 01 50 36 56 20 06 11 33 | Kermadec Islands 28.0°S 178.0°W, H=05 06 40.6, h=53km (ISC). M=5.2 ISC, 4.9 USCGS, MLH=6.2 Prühonice. D=157°, Dc=156.0°. LmH:21s 3.7μ. |
| 28 | iPKP2 ei | 08 42 48.2 42 55.7 | D. West of Tonga 21.5°S 180.0°W, H=08 24 07.4, h=642km (USCGS). M=4.2 USCGS. Dc=149.3°. |
| 28 | eiPg | 13 07 47 | D=2°. iSg 08 12.7. |
| 28 | ei | 17 11 27.5 | ei 11 31.6, e 12 00. |
| 29 | e | 09 15 31 | e 16 15, ei 16 49.6. |
| 29 | e eSg | 10 09 48 10 28 | Poland 50.3°N 18.9°E, H=10 09 00.3, M=2.6 (Warsaw). Dc=2.8°. |

| Date | Phase | h m s | Remarks |
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| 29 | eiP | 14 01 18.3 | Aleutian Islands 52.6°N 170.6°W, H=13 49 26.1, h=52km (ISC). M=5.0 USCGS, 4.8 ISC. Dc=77.7°. |
| 29 | eiP ei eL Lm | 23 26 16 26 29 35 38 | North Atlantic Ridge 45.1°N 28.1°W, H=23 20 19.9, h=38km (ISC). M=5.4 USCGS, 5.2 ISC, MPV=5.0(cp) Prühonice. Dc=28.9°. PV(cp):1.5s 41µ, LmE:16s 0.4µ, LmV:16s 1µ. |
| 30 | ePKIKP | 07 25 16 | West of Tonga 21.2°S 179.2°W, H=07 06 34.0, h=605km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=149.3°. |
| 30 | eiPKIKP | 07 26 26 | West of Tonga 21.2°S 179.1°W, H=07 07 45.1, h=615km (ISC). M=4.9 ISC, 4.7 USCGS. Dc=149.3°. |
| 30 | eiPg | 09 07 59.5 | D=93km. eiSg 08 10.5. |
| 30 | e | 09 21 43 | |
| 30 | e | 12 41 22 | ei 41 31, ei 41 46.5. |
| 30 | eP ei eiPP ei ei eiPS eL Lm | 23 58 49 59 02.3 00 01 21.5 01 38 08 06 08 16 22 32.5 | Gulf of Alaska 59.5°N 143.7°W, H=23 47 41.9, h=12km (ISC). M=5.0 USCGS, 5.1 ISC, MLH=5.2 Prühonice. D=69°, Dc=69.3°. LmH: 20s 1.7µ. |

| Date | Phase | h m s | Remarks |
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| 1 | ei eiSg | 08 08 49.6 08 54.5 | Poland 50.3°N 18.9°E, H=08 07 20.2, M=2.9 (Warsaw). Dc=2.8°. |
| 1 | iP iPcP iPP ei eiS eSS eL Lm | 09 04 10.1 04 21.0 07 12.1 08 50 14 08 19 38 26 38 | D.W. Aleutian Islands 50.0°N 178.3°E, H=08 52 01.9, h=5km (ISC). M=6.3 USCGS, 6.2 ISC, MPV=6.2(cp), MPV=6.4, MPH=6.4, MLH=6.1 Prühonice. D=80°, Dc=79.4°. PV (cp): 1.1s 192µ, LmH: 24s 8.7µ, PH: 8s 1.2 µ, PV: 8s 3.5 µ. |
| 1 | iPKIKP i iPKIKP | 13 41 06.1 41 42.5 43 13.2 | C. New Hebrides 19.9°S 175.5°E, H=13 22 28.4, h=546km (ISC). M=6.2 USCGS, 5.7 ISC. Dc=146.0°. |
| 1 | eiP | 13 51 48 | D. |
| 1 | eiP | 17 37 24.8 | Aleutian Islands 50.1°N 178.2°E, H=17 25 14.4, h=8km (USCGS). M=4.1 USCGS. Dc=79.3°. |
| 1 | eiPKIKP ei | 20 03 53.5 04 02 | Macquarie Islands 52.6°S 140.1°E, H=19 44 15.7, h=51km. M=4.9 USCGS. Dc=146.6°. |
| 1 | eiPP | 22 53 53 | Sandwich Islands 60.6°S 24.9°W, H=22 34 25.2, h=33km (ISC). M=5.9 USCGS, 5.7 ISC. Dc=114.7°. |
| 2 | ePP | 08 49 03 | Sunda Strait 6.0°S 104.0°E, H=08 31 55.5, h=42km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=95.1°. |
| 2 | eiPg iSg ei Lm | 08 55 04.8 55 23.8 55 25 55 42 | Explosion of 6.3 Tons 50°34.8'N 14°00.9' E. Dc=76.5km (Prühonice). |
| 2 | iPg e | 12 01 28.8 01 46 | D=1.7°. eiSg 01 47.8. |
| 2 | e | 13 33 49 | |
| 2 | ePg e | 16 30 36 31 09.3 | Poland 50.3°N 18.9°E, H=16 29 41.6, M=2.6 (Warsaw). Dc=2.8°. |
| 2 | ei | 16 52 24 | ei 52 55. |
| 3 | eiP ei | 05 25 33 25 48 | Atlantic-Indian Ridge 38.0°S 48.7°E, H=05 12 22.8, h=18 km (ISC). M=5.4 USCGS, 5.2 ISC. Dc=92.7°. |
| 3 | iPg Lm | 08 59 54.6 09 00 24 | D=1.4°. iSg 09 00 13. |

| Date | Phase | h m s | Remarks |
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| 3 | iP ei | 10 58 12.6 58 35 | C. Aleutian Islands 52.4° 170.6°W, H=10 46 20.6, h=59 km (ISC). M=5.4 USCGS, 5.3 ISC, MPV=5.3(cp) Prühonice. Dc=77.8°. PV(cp): 1s 26 mp. |
| 3 | eiPg | 11 57 13 | D=1.8°. eiSg 57 37. |
| 3 | eiP | 11 59 28.8 | D. |
| 3 | iP i eiS eL Lm | 14 57 10.7 57 28 15 06 50 23 31.5 | C.S.W. Kurile Islands 49.4°N 156.6°E, H=14 45 29.3, h=52km (ISC). M=5.9 ISC, USCGS, MPV=6.7(cp), MPV=6.4, MPH=6.5, MLH=5.5 Prühonice. D=76°, Dc=75.7°. PV(cp): 2s 1154mp, PH: 3s 0.6 µ, PV: 3s 1.1 µ, LmH: 22s 3 µ, LmH: 20s 2.4 µ, LmV: 20s 3.5 µ. |
| 3 | ePKIKP eiPP ei eSKS e ei eL Lm | 16 33 47 35 28.5 37 41 40 42 42 18 45 20 17 11 24 | Chile 42.9°S 75.1°W, H=16 14 55.9, h=28km (ISC). M=6.1 USCGS, 6.0 ISC, MLH=5.9 Prühonice. D=121°, Dc=121.0°. LmH: 21s 3 µ. |
| 4 | eiP | 00 14 20.2 | Aleutian Islands 52.6°N 173.2°E, H=00 02 34.5, h=33km (ISC). M=5.1 USCGS, 4.8 ISC. Dc=76.2°. |
| 4 | ePKIKP eiPP e | 00 32 11 33 45.3 35 15 | New Guinea 6.4°S 147.4°E, H=00 13 26.6, h=82km (ISC). M=5.7 USCGS, 5.3 ISC. Dc=121.4°. |
| 4 | e | 03 50 38 | |
| 4 | eP eiPcP | 04 25 00 25 07.2 | Oregon 44.0°N 128.4°W, H=04 12 44.7, h=2km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=81.0°. |
| 4 | eiPg | 12 48 03.5 | D=1.8°. ei 48 15.5, iSg 48 27.0. |
| 4 | eiPg | 19 56 00 | ei 56 05, ei 56 37. |
| 5 | iP ei | 00 27 36.0 28 42.5 | C. Canada 65.4°N 132.9°W, H=00 17 15.1, h=33km (ISC). M=5.2 USCGS, 5.0 ISC, MPV=5.2 (cp) Prühonice. Dc=62.2°. PV(cp): 1s 15 mp. |
| 5 | eP eiPcP | 09 56 11 56 26.5 | Mid-Indian Rise 9.1°N 67.3°E, H=09 44 29.4, h=29km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=74.6°. |
| 5 | eP | 16 03 31 | Sumatra 5.4°N 96.0°E, H=15 51 24.1, h=168km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=80.3°. |

| Date | Phase | h m s | Remarks |
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| 5 | ei | 17 29 51 | ei 29 55.5, eiSg 30 29. |
| 5 | eiPKIKP eiPKP2 | 22 02 05 02 17.5 | Tonga Islands 22.0°S 174.5°W, H=21 42 17.6, h=52km (ISC). M=4.4 ISC, 4.3 USCGS. Dc=151.1°. |
| 6 | eiPn iPg ei iSg | 07 02 14.5 02 17.5 02 34.5 02 42 | D=2°. |
| 6 | eiP | 08 13 29.5 | C. India-China 29.1°N 96.2°E, H=08 03 05.1, h=41km (ISC). M=5.4 USCGS, 4.9 ISC, MPV=5.1(cp) Prühonice. Dc=63.1°. PV(cp): 1s 15mp. |
| 6 | eiPKIKP | 08 39 06.5 | Tonga Islands 22.3°S 174.7°W, H=08 19 17.5, h=40km (ISC). M=4.3 USCGS. Dc=151.4°. |
| 6 | iPg | 10 30 34.0 | D=1.6°. eiSg 30 56. |
| 6 | ePKIKP | 11 08 15 | South Australia 50.4°S 139.4°E, H=10 48 37.9, h=33km (USCGS). Dc=145.4°. |
| 6 | eiPg | 12 40 50.5 | iSg 41 14.0. |
| 6 | e | 12 53 34 | eiSg 53 58. |
| 6 | eiPg | 12 54 14.5 | D=1.7°. eiSg 54 37.5. |
| 6 | e | 12 54 44 | eiSg 55 08. |
| 6 | e | 14 09 15 | |
| 6 | eiPKIKP | 15 08 27 | Fiji Islands 15.7°S 176.5°W, H=14 49 36.7, h=391km (USCGS). M=4.4 USCGS. Dc=144.6°. |
| 6 | eiP epP ePP | 15 42 35 43 20 44 17 | Hindu-Kush 36.5°N 70.2°E, H=15 35 05.3, h=217km (ISC). M=5.3 USCGS, 5.0 ISC, MPV=4.5(cp) Prühonice. Dc=41.8°. |
| 6 | ei | 15 49 24.5 | |
| 6 | eiPKIKP | 18 04 26 | D. Tonga Islands 17.8°S 175.3°W, H=17 45 09.5, h=234km (USCGS). M=4.5 USCGS. Dc=146.9°. |
| 6 | eiP | 18 07 14 | Caucasus 42.9°N 46.3°E, H=18 02 17.1, h=87km (ISC). M=4.3 ISC. Dc=22.9°. |
| 6 | eiPn | 18 30 06 | iPg 30 11.0, ei(Sg) 30 45. |
| 6 | eiP | 18 43 11.5 | Iceland 68.9°N 16.8°W, H=18 37 55.3, h=7km (ISC). M=4.2 ISC, MPV=4.8(cp) Prühonice. Dc=24.2°. PV(cp): 2.3s 78 mp. |

| Date | Phase | h m s | Remarks : |
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| 6 | eP | 19 37 24 | Indian Ocean 25.2°N 69.3°E, H=19 24 27.7, h=15km (USCGS). M=4.6 USCGS. Dc=89.2°. |
| 6 | eP ei | 19 55 03.5 55 17 | Indian Ocean 25.1°S 69.7°E, H=19 42 07.0, h=33km (ISC). M=5.0 USCGS. Dc=89.3°. |
| 7 | ePKIKP eiPKHKP | 01 28 51 28 55.0 | Tonga Islands 21.6°S 174.4°W, H=01 09 09.4, h=66km (ISC). M=5.1 USCGS, 4.9 ISC. Dc=150.8°. |
| 7 | iP i ei eL Lm | 03 48 45.1 48 51.0 51 19.3 04 20 30 | C. China Sea 12.5°N 114.4°E, H=03 36 01.4, h=26km (ISC). M=5.9 USCGS, 5.8 ISC, MPV=5.6(cp). Dc=86.8°. |
| 7 | e | 04 45 10 | |
| 7 | iPKIKP ei | 07 17 23.6 17 36.1 | C. Fiji Islands 24.5°S 179.1°W, H=06 58 11.4, h=377km (ISC). M=4.8 ISC, USCGS. Dc=152.4°. |
| 7 | e ePP | 09 39 46 41 53 | New Hebrides 17.4°S 167.8°E, H=09 19 23.8, h=34km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=141.1°. |
| 7 | eSn e | 10 10 01 11 14 | France 43.9°N 7.3°E, H=10 06 35 (BCIS). Dc=7.8°. |
| 7 | ePKIKP | 11 35 19 | Tonga Islands 21.5°S 174.2°W, H=11 15 29.0, h=33km (USCGS). M=4.6 USCGS. Dc=150.7°. |
| 7 | e | 12 37 11 | |
| 7 | e | 14 07 39 | ei 08 04.5. |
| 7 | eiP | 14 18 07.5 | Aleutian Islands 52.2°N 169.5°W, H=14 06 08.3, h=14km (ISC). M=5.0 USCGS, 4.5 ISC. Dc=78.1°. |
| 7 | ei | 15 06 51 | eiSg 08 25.2. |
| 7 | eiPKP2 | 17 25 07.5 | Kermadec Islands 31.3°S 177.6°W, H=17 04 32.8, h=18km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=158.3°. |
| 7 | e | 23 18 17.5 | |
| 8 | eiP | 01 55 37.2 | Mid-Indian Rise 14.3°S 66.4°E, H=01 43 37.8, h=33km (USCGS). M=5.2 USCGS. Dc=78.5°. |

| Date | Phase | h m s | Remarks |
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| 8 | eP | 04 16 54 | Aleutian Islands 52.8°N 171.5°E, H=04 05 10.9, h=33km (USCGS). M=4.5 USCGS. Dc=75.7°. |
| 8 | iP ei eiPP | 06 07 34.7 08 49 09 06 | C. Kazakhstan 49.9°N 78.2°E, H=05 59 58.2, h=0km (ISC). M=5.7 USCGS, 5.4 ISC, MPV=4.9(cp) Práhonice. Dc=39.8°. PV(cp): 1s 34 μ . |
| 8 | iPg | 12 03 01.6 | ei 03 14.5, ei 03 17. |
| 8 | ePKIKP | 12 36 31.2 | Tonga Islands 22.5°S 174.3°W, H=12 16 38.2, h=33km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=151.7°. |
| 8 | ei | 12 48 54.7 | |
| 8 | e | 13 07 25 | iSg 07 47.7, ei 08 24. |
| 8 | ePn iPg i eiSn i eiSg | 15 30 49 30 56.8 31 12.6 31 19.3 31 28.5 31 36.5 | Explosion of 16.2 Tons Germany 50.5°N 10.0°E, H=15 30 01.3 (Hannover). D=2.9°, Dc=2.9°. |
| 8 | iPg | 15 52 16 | D=1.3°. iSg 52 33.2 |
| 8 | eiP | 16 44 30.5 | Aleutian Islands 51.7°N 173.8°W, H=16 32 31.6, h=30km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=78.5°. |
| 8 | ePKIKP ei iPKP2 eiPP | 22 19 34 19 43 20 07.7 23 29.7 | Fiji Islands 25.6°S 176.5°W, H=21 59 46.7, h=37km (ISC). M=5.6 USCGS, 5.4 ISC. Dc=154.2°. |
| 9 | iPg eiSg i Lm | 08 59 21.7 59 38.7 59 39.7 59 48 | Explosion 48°44'N 14°30'E. Dc=137 km (Práhonice). |
| 9 | eP | 13 36 09 | Japan 34.4°N 141.1°E, H=13 23 43.3, h=44km (ISC). M=5.0 USCGS, 4.8 ISC. Dc= =83.6°. |
| 9 | e | 19 55 42 | |
| 10 | ei ei ei | 05 24 28.3 25 11 25 30 | Austria 47.1°N 14.6°E, H=05 23 (Vienna). Dc=2.9°. |

| Date | Phase | h m s | Remarks |
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| 10 | eiP ei | 10 33 29.7 33 39 | Ryukyu Islands 26.5°N 128.5°E, H=10 21 00.8, h=31km (ISC). M=5.0 ISC, 4.8 USCGS, MPV=5.4(cp) Prühonice. Dc= 84.0°, PV(cp): 1.5s 36µ. |
| 10 | e eiPP | 17 44 56 45 08.2 | Sandwich Islands 59.2°S 25.0°W, H=17 25 38.6, h=8km (ISC). M=5.7 ISC, USCGS. Dc=114.8°. |
| 11 | ei | 12 39 21.8 | ei 40 02. |
| 11 | eP | 20 13 25 | Kurile Islands 44.1°N 149.6°E, H=20 01 25.5, h=33km (USCGS). M=5.0 USCGS. Dc=78.4°. |
| 12 | ePKIKP | 05 20 55 | Loyalty Islands 23° 3/4 S 171° 1/4 E, H=05 01 04, M=4.7 (Noumea). Dc=152.0°. |
| 12 | eiPKP2 | 07 07 31 | Kermadec Islands 30.1°S 177.6°W, H=06 47 06.5, h=51km (ISC). M=4.4 ISC, USCGS. Dc=157.0°. |
| 12 | ePKIKP eiPKP2 | 07 47 20.8 47 38 | D. Loyalty Islands 22.7°S 171.0°E, H=07 27 43.9, h=67km (ISC). M=4.8 ISC, USCGS. Dc=147.1°. |
| 12 | eP ei | 08 27 33 27 38.3 | Gulf of Alaska 59.4°N 144.9°W, H=08 16 22.8, h=4km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=69.7°. |
| 12 | e | 13 42 32 | ei(Sg) 42 59. |
| 12 | eiP i iPcP eiPP eS eL Lm | 13 52 31 52 33.0 52 42.0 55 20 14 02 06 25 33.3 | Kodiak Island 56.2°N 153.5°W, H=13 41 00.1, h=29km (ISC). M=5.5 USCGS, 5.4 ISC, MLH=5.0 Prühonice. Dc=73.7°. LmH: 14s 0.6µ. |
| 12 | e | 13 58 37 | ei 59 04. |
| 12 | eP | 18 37 50 | Crete 35.4°N 26.6°E, H=18 33 45.8, h= =47km (ISC). M=4.3 USCGS, 4.2 ISC, Dc= =17.8°. |
| 13 | eiP | 03 58 51 | Jan Mayen 71.3° 19.9°W, H=03 53 16.8, h=34km (ISC). M=5.0 USCGS, 4.9 ISC. Dc= = 26.5°. |
| 13 | eiPKIKP ei | 15 06 06 06 33 | Loyalty Islands 22.7°S 171.1°E, H=14 46 26.8, h=36km (ISC). M=5.6 USCGS, 5.4 ISC. Dc=147.1°. |

| Date | Phase | h m s | Remarks |
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| 13 | eiP | 15 55 12.8 | Japan 36.4°N 139.6°E, H=15 43 08.4, h=117km (ISC). M=5.0 USCGS, 4.6 ISC. Dc=81.3°. |
| 13 | eiPKIKP | 15 57 16.4 | C. Loyalty Islands 22.7°S 170.9°E, H=15 37 39.5, h=60km (ISC). Dc=147.0°. |
| 13 | e ei(Sg) | 16 19 38 21 17 | Switzerland 46.3°N 7.8°E, H=16 17 56 (BCIS). Dc=5.8°. |
| 13 | ei | 16 48 40 | ei 48 45. |
| 14 | eP | 08 14 33 | Japan 34.3°N 139.2°E, H=08 02 08.0, h=14km (ISC). M=5.2 USCGS, 5.1 ISC. Dc=82.8°. |
| 14 | e | 10 44 57 | |
| 14 | iPg iSg L Lm | 10 52 11.5 52 30.0 52 37 52 43 | D=1.4°. |
| 14 | e | 12 43 15 | ei(Sg) 43 38. |
| 15 | iPg iSg Lm | 09 15 53.4 15 56.5 15 58 | Explosion of 5.5 Tons 50°10.5'N 14°23.8' E, Dc=25km (Prühonice). |
| 15 | e | 09 56 06 | ei 56 26.2. |
| 15 | e | 12 57 03 | ei(Sg) 57 25.9. |
| 15 | ei | 12 58 02.3 | ei 58 34.3, ei 59 13. |
| 15 | eP ei | 14 30 02 30 18 | Andaman Islands 14.4°N 93.8°E, H= =14 18 38.9, h=26km (ISC). M=5.3 USCGS, 5.1 ISC. Dc=72.2°. |
| 15 | ei | 18 44 59.5 | e 45 11. |
| 16 | e | 08 40 49 | |
| 16 | ei | 10 25 25.4 | |
| 16 | iPg i iSg Lm | 12 01 07 01 07.6 01 26.4 01 35 | D=1.5°. |
| 16 | eiP ei | 14 35 43 35 49.7 | Costa Rica 9.1°N 83.4°W, H=14 22 56.4, h=56km (ISC). Dc=88.2°. |

| Date | Phase | h m s | Remarks |
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| 16 | eP ei i ei eiPP Lm | 20 13 09 13 16 13 24.0 15 28 15 44 45 | Komandorsky Islands 56.1°N 164.7°E, H=20 01 47.9, h=4km(ISC). M=5.4 USCGS, 5.2 ISC. Dc=71.4°. |
| 16 | eiPKIKP ei | 22 33 47.4 34 00.5 | Tonga Islands 15.3°S 173.4°W, H=22 14 14.4, h=59km(ISC). M=5.4 USCGS, 5.3 ISC. Dc=144.8°. |
| 16 | eP eL Lm | 22 58 06 23 29 36 | Kamchatka 52.1°N 160.5°E, H=22 46 28.8, h=33km(ISC). M=4.9 USCGS, 4.7 ISC, MLH= =5.1 Prühonice. Dc=74.3°. LmH: 15s 0.8μ, LmV: 15s 1μ. |
| 16 | eiPKIKP | 23 51 44 | D. West of Tonga 19.6°S 178.1°W, H=23 33 04.3, h=597km (ISC). M=4.3 USCGS, 4.2 ISC. Dc=148.0°. |
| 17 | eiPKIKP i e | 02 12 40 12 45.5 14 26 | Solomon Islands 8.0°S 156.3°E, H=01 53 33.7, h=15km ISC. Dc=127.4°. |
| 17 | eiPKIKP ei eiPP | 04 14 48 15 13 18 23.5 | Tonga Islands 15.6°S 173.7°W, H=03 55 17.0, h=64km (ISC). M=5.5 USCGS, 5.1 ISC. Dc=145.1°. |
| 17 | eP | 11 27 46 | Turkey 38.1°N 38.5°E, H=11 23 06.9, h= =41km(ISC). M=4.7 USCGS, 4.6 ISC. Dc= =20.8°. |
| 17 | e | 12 17 03 | eiSg 17 27. |
| 18 | e | 02 47 56 | |
| 18 | ePKIKP | 08 42 08 | Loyalty Islands 22.6°S 170.9°E, H=08 22 26.7, h=23km (USCGS). M=4.4 USCGS. Dc=147.0°. |
| 18 | eiP ei eiPP | 10 29 48.5 29 54.8 31 37 | Alma-Ata 42.0°N 77.5°E, H=10 21 43.8, h=1km (ISC). M=5.2 USCGS, 5.1 ISC. Dc= =43.3°. |
| 18 | ei | 12 56 05.5 | eiSg 56 29.3. |
| 18 | e | 13 03 11 | eiSg 03 30.4. |
| 18 | eiP | 14 36 19 | Turkey 38.8°N 27.8°E, H=14 32 48.3, h=36km (ISC). M=4.6 USCGS. Dc=14.6°. |
| 18 | e eiPKIKP eSKS eL Lm | 22 07 39 08 27 15 08 42 53.6 | Halmahera 1.3°S 127.8°E, H=21 50 06.2, h=33km (ISC). M=5.7 ISC, 5.4 USCGS, MLH=5.9 Prühonice. Dc=105.1°. LmH: 24s 3.5 μ. |

| Date | Phase | h m s | Remarks |
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| 18 | eP | 22 59 28 | Leeward Islands 18.5°N 60.8°W, H=22 48 33.4, h=5km (ISC). M=5.1 ISC, 4.8 USCGS. Dc=66.7°. |
| 19 | e | 08 32 58.7 | ei 33 02.3. |
| 19 | e | 08 56 09 | |
| 19 | eiP | 09 12 24.7 | C. Kurile Islands 44.3°N 149.3°E, H=09 00 28.4, h=42km (ISC). M=4.3 USCGS, 4.2 ISC. Dc=78.2°. |
| 19 | ei | 10 35 28.2 | |
| 19 | eiP iPcp ei eL Lm | 21 00 34.7 00 49.4 01 24 27 36.5 | C. Aleutian Islands 52.4°N 174.3°E, H=20 48 45.9, h=29km (ISC). M=5.6 USCGS, 5.5 ISC, MPV=5.5(cp), MLH=5.2 Prühonice. Dc=76.6°. PV(cp): 1.2 52μ, LmH: 20s 1.4μ. |
| 19 | eP e ei | 22 06 22 08 42 10 15 | Greece - Albania 39.7°N 19.1°E, H=22 03 46.3 (Athens). Dc=10.7°. |
| 20 | iP e | 11 20 11.0 20 24 | C. Aleutian Islands 51.8°N 173.9°W, H=11 08 07.6, h=2km (ISC). M=5.6 USCGS, 5.1 ISC, MPV=5.5(cp) Prühonice. Dc= =78.3°. PV(cp): 1.2s 44μ. |
| 20 | e | 12 51 48 | e 53 31. |
| 20 | eiPg | 13 00 33.5 | D=1.3°. eiSg 00 50.5. |
| 21 | eiP ePP eL Lm | 00 07 30.2 10 55 36 41 | C. Nicaragua 13.2°N 86.7°W, H=23 54 54.2, h=91km (ISC). M=5.6 ISC, USCGS, MPV=5.2(cp), MLH=5.6 Prühonice. Dc=88.0°. PV(cp): 1.1s 23μ, LmH: 22s 1.5μ. |
| 21 | ePKIKP | 00 46 25 | New Hebrides 20.3°S 169.6°E, H=00 26 58.6, h=74km (ISC). M=5.0 USCGS. Dc=144.4°. |
| 21 | eiP | 02 15 56.5 | Eastern Missouri 37.6°N 90.9°W, H=02 04 35.8, h=2km (ISC). M=5.2 USCGS, 4.9 ISC. Dc=70.9°. |
| 21 | iPg iSg Lm | 07 12 39.2 12 41.8 12 43 | Explosion of 11 Tons 49°50'N 14°42.1'E. Dc=19km (Prühonice). |
| 21 | e | 12 54 09 | eiSg 55 03.2. |
| 21 | e | 12 59 28 | e 59 45. |

| Date | Phase | h m s | Remarks |
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| 21 | eiP e | 16 05 12 05 28 | China 43.9°N 87.0°E, H=15 56 34.0, h=35km (ISC). M=4.7 ISC, USCGS. Dc=48.1°. |
| 22 | ePn eiSg | 06 15 53 16 38.6 | Poland 50.3°N 19.2°E, H=06 15 04.0, M=2.5 (Warsaw). Dc=3.0°. |
| 22 | eiPg eiSg | 13 03 47 04 11 | D=1.8°. |
| 22 | ei(Pg) | 13 06 53.8 | ei 07 15.6. |
| 23 | iP eiPcP | 06 13 40.0 12 51.5 | C. Aleutian Islands 53.8°N 165.3°W, H=06 00 52.5, h=39km (ISC). M=5.5 USCGS, 5.4 ISC, MPV=5.3(cp) Prühonice. Dc=76.5°. PV(cp): 1s 26μ. |
| 23 | ePKIKP iPKP2 | 08 34 52 35 10.1 | West of Macquarie Island 54.8°S 146.2°E, H=08 15 02.9, h=33km (ISC). M=5.4 ISC, 5.3 USCGS. Dc=150.6°. |
| 23 | ePKIKP eiPKP2 | 08 53 40 53 51 | West of Macquarie Island 55.0°S 146.3°E, H=08 33 50.8, h=66km (ISC). M=5.7 USCGS. Dc=150.7°. |
| 23 | e | 11 35 44 | ei 35 53.5. |
| 24 | eP i ei i | 06 28 15 28 23.9 29 19 29 56.5 | Russia 48.2°N 22.6°E, H=06 26 48.2, M=4(Moscow). Dc=5.6°. |
| 24 | ei | 11 42 34.5 | e 43 20. |
| 24 | i) i) i i iPg i iSn i i iSg Lm | 12 18 23.9 18 24.9 18 31.3 18 45.5 18 47.5 19 10.0 19 32.5 19 46.0 20 03.5 20 06 20 12.8 20 15 | C. Switzerland 46.4°N 7.4°E, H=12 16 54.5, h=1km(ISC). M=5.0 ISC, 4.7 USCGS, MLH=4.8 Prühonice. D=6.3°, Dc=6.0°. LmH: 1.5s 2.3μ, LmV:1.5s 1.4μ. |
| 24 | eP epP | 14 45 42.5 46 22 | Talau Islands 4.2°N 125.8°E, H=14 32 13.9, h=179km (ISC). M=5.8 USCGS, 5.4 ISC. Dc=100.3°. |
| 24 | e | 14 50 23 | |
| 24 | eP | 18 26 36 | |

| Date | Phase | h m s | Remarks |
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| 24 | iP ei | 18 26 47.9 28 09 | C. Kurile Islands 49.7°N 156.1°E, H=18 15 10.3, h=73km (ISC). M=5.7 USCGS, 5.5 ISC, MPV=5.7(cp) Prühonice. Dc=75.4°. |
| 24 | eiP iPcP | 18 57 31.5 57 43.4 | Kurile Islands 44.4°N 149.2°E, H=18 45 33.0, h=22km (ISC). M=5.1 USCGS, 4.9 ISC. Dc=78.0°. |
| 24 | eP ei | 20 38 54 39 12 | Philippine Islands 20.0°N 122.2°E, H=20 26 17.5, h=25km (ISC). M=4.9 ISC, 5.1 USCGS. Dc=85.6°. |
| 24 | eiPKIKP ei | 21 28 27.8 28 46 | West of Tonga 17.8°S 178.5°W, H=21 09 44.0, h=511km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=146.2°. |
| 25 | eP ei | 00 27 34 27 47.4 | Ryukyu Islands 24.2°N 125.1°E, H=00 15 07.2, h=48km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=84.0°. |
| 25 | e | 05 24 04 | |
| 25 | eiPKIKP ei | 08 58 08.3 58 19 | C. Loyalty Islands 22.2°S 170.3°E, H=08 38 29.1, h=20km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=146.4°. |
| 25 | eiPg | 10 29 41 | ei 30 10.3. |
| 25 | eiPg | 12 48 45.8 | D=1.6°. eiSg 49 07.8. |
| 25 | eiP | 14 26 18.8 | Philippine Islands 17.2°N 121.1°E, H=14 13 46.9, h=148km (ISC). M=5.1 USCGS, 4.9 ISC. Dc=87.2°. |
| 25 | e(P) | 15 32 53 | Unimak Island 53.5°N 164.5°W, H=15 20 53.0, h=31km (ISC). M=4.5 USCGS, 4.3 ISC. Dc=76.9°. |
| 25 | e | 15 58 36 | |
| 25 | ePKP2 | 18 14 13 | West of Macquarie Island 60.5°S 153.9°E, H=17 53 46.2, h=49km (USCGS). M=5.2 USCGS. Dc=155.0°. |
| 25 | iP eipP eisP ei eis eL Lm | 22 45 58.1 46 44 47 00 48 34 55 33 23 10 22.5 | C.W.S. h=180km. Japan 44.2°N 145.4°E, H=22 34 22.4, h=159km (ISC). M=6.2 USCGS, 6.1 ISC, MPV=6.4(cp), MPV=6.9, MSH=6.6, MLH=5.9 Prühonice. D=78°, Dc=76.9°. PV(cp): 1.5s 1214μ, LmH: 18s 2.1μ, PV:4s 10μ, SH:4s 2.8μ. |
| 25 | e | 23 58 47 | |

| Date | Phase | h m s | Remarks |
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| 26 | eipKIKP | 08 35 25.3 | D. Tonga Islands 22.0°S 175.1°W, H=08 15 38.2, h=47km (ISC). M=5.0 USCGS, 4.9 ISC. Dc=151.1°. |
| 26 | eipKIKP ei ei | 10 41 16 41 29 42 12 | Loyalty Islands 20.1°S 169.0°E, H=10 21 47.5, h=49km (ISC). M=5.2 USCGS, 5.1 ISC. Dc=143.8°. |
| 26 | eP | 23 29 12 | Philippine Islands 5.8°N 126.3°E, H=23 15 37.0, h=151 km (ISC). M=5.7 USCGS, 4.9 ISC. Dc=99.3°. |
| 27 | eipKIKP | 09 47 34 | Tonga Islands 18.8°S 173.1°W, H=09 27 48.7, h=33km (ISC). M=4.8 USCGS, 4.5 ISC. Dc=148.3°. |
| 27 | iPg iSg ei Lm | 10 00 23.5 00 32 00 33.5 00 42 | Explosion of 9 Tons 50°07'N 13°32.5'E, Dc=72km (Prühonice). |
| 27 | e | 10 44 05 | |
| 27 | eiPn | 11 14 18 | iPg 14 19.3, i 14 30. |
| 27 | iPg eiSg | 12 00 08.5 00 19 | Explosion of 4.5 Tons 49°41.2'N 13°28.1' E. Dc=84km (Prühonice). |
| 27 | e | 12 47 02 | iSg 47 32.0. |
| 27 | e | 12 48 10 | eiSg 48 45.0. |
| 27 | iPKIKP | 18 12 38.6 | C. West of Tonga 18.1°S 178.5°W, H=17 53 59.0, h=546km (ISC). M=4.3 ISC, USCGS. Dc=146.5°. |
| 27 | eiP | 22 51 32 | Japan 45.7°N 142.9°E, H=22 40 24.5, h= 309km (ISC). M=5.1 USCGS, 5.0 ISC. Dc= 74.6°. |
| 28 | eiP | 01 58 36 | Aleutian Islands 5.8°N 176.5°E, H=01 46 43.1, h=38km (ISC). M=5.0 USCGS, 4.9 ISC. Dc=77.4°. |
| 28 | ePKIKP | 06 04 51 | Santa Cruz Islands 12.8°S 165.7°E, H=05 45 35.1, h=75 km (ISC). M=4.7 USCGS, 4.4 ISC. Dc=136.1°. |
| 28 | eP | 09 16 53 | Halmahera 1.4°S 127.6°E, H=08 58 25.7, h=19km (ISC). M=5.4 ISC, 5.2 USCGS. Dc= 105.7°. |
| 28 | e | 12 39 41 | e 39 53.7, ei(Sg) 40 05. |
| 28 | e | 12 49 13 | ei(Sg) 49 18.5. |

| Date | Phase | h m s | Remarks |
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| 28 | eiPn e e | 14 41 36.3 42 31 43 25 | Albania 41.7°N 19.3°E, H=14 39 28.5, h=28km (ISC). M=4.6 USCGS, 4.4 ISC. Dc= 8.9°. |
| 28 | ePKIKP | 17 35 25.5 | Loyalty Islands 21.6°S 170.7°E, H=17 15 50.8, h=42 km (USCGS). Dc= 146.0°. |
| 29 | eiPg ei eiSg | 12 41 13 41 27.5 41 30.5 | D=1.1°. |
| 29 | eiPg | 12 47 35 | D=1.8°. eiSg 47 59. |
| 29 | ePg | 12 48 29 | D=2.2°. eiSg 48 57. |
| 29 | iPg iSg Lm | 13 09 45.0 09 58.5 10 04 | D=1°. |
| 29 | ei eiPg eiSg | 14 00 40.2 00 46.5 01 07 | D=1.6°. |
| 29 | eiP | 21 11 57.6 | Aleutian Islands 51.6°N 179.2°E, H=21 00 03.6, h=46km (ISC). M=6.1 USCGS, 5.8 ISC, MPV=5.2(cp) Prühonice. Dc=78.1°. PV(cp):1s 18mp. |
| 30 | eipKIKP ei | 07 17 17.8 17 31.3 | C. Tonga Islands 16.5°S 173.1°W, H=06 57 39.5, h=28km (ISC). M=5.3 USCGS, 4.9 ISC. Dc=146.0°. |
| 30 | ei | 07 21 13.3 | ei 21 47.5, ei 22 00.5, ei 22 04.2. |
| 30 | ei | 07 57 30.5 | i 57 32.0, ei 57 42. |
| 30 | eP | 08 58 10 | Kamchatka 51.8°N 159.2°E, H=08 46 33.1, h=33km (ISC). M=4.4 USCGS, 4.3 ISC. Dc= 74.2°. |
| 30 | iPn | 13 00 42 | D=1.3°. iPg 00 43.5, iSg 00 57.4. |
| 30 | e | 14 01 03 | ei 01 26, eiSg 01 39.3. |
| 31 | ePg eiSn ei eiSg | 04 07 44 08 18.5 08 32.5 08 44 | Yugoslavia 45.4°N 14.4°E, H=04 06 16 (BCIS). D=4.5°, Dc=4.6°. |
| 31 | e | 08 38 25 | ei 38 40. |
| 31 | eiPg | 11 45 00.5 | D=1.8°. eiSg 45 24. |

| Date | Phase | h m s | Remarks |
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| 31 | eiPKIKP ei | 15 22 37 22 51 | West of Tonga 19.8°S 176.0°W, H=15 02 48.3, h=10km (ISC). M=5.5 USCGS, 5.3 ISC. Dc=148.7°. |
| 31 | iP e | 23 20 17.0 21 39 | D. Tadzhikistan 38.0°N 72.4°E, H=23 12 31.1, h=106km (ISC). M=5.2 USCGS, 5.0 ISC, MPV=5.0(cp) Prühonice. Dc=42.3°. PV(cp): 1s 23mp. |

| Date | Phase | h m s | Remarks |
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| 1 | e | 12 46 38 | eiSg 47 02.2. |
| 1 | ePKP iPKP2 ipPKP2 | 18 22 02 22 14.9 24 15.4 | Fiji Islands 24.2°S 179.0°E, H=18 03 09.7, h=550km (ISC). M=5.7 USCGS, 5.3 ISC. Dc=151.5°. |
| 2 | eiPKP eiPKP2 | 01 08 08 08 20 | Fiji Islands 23.8°S 179.7°W, H=00 49 13.2, h=518km (ISC). M=5.3 USCGS, 5.1 ISC. Dc=151.6°. |
| 2 | eP e Lm | 03 30 19 32 56 35.7 | Aegean Sea 39.5°N 25.3°E, H=03 27 07.4, h=5km (ISC). M=4.7 ISC, USCGS, MLH=4.4 Prühonice. Dc=13.0°. |
| 3 | eiP ei eipP ei eiSKS eiS eiSP eiPS ei ei eiPKPPKP | 01 51 20.6 52 12.7 53 29.6 54 57 02 01 00.6 01 43 03 00.5 04 26.5 08 19.7 11 20 16 27.3 | D. Peru-Brazil 9.0°S 71.3°W, H=01 39 03.2, h=587km (ISC). M=6.2 USCGS, 5.9 ISC, MPV=6.2(cp) Prühonice. D=95°, Dc=94.2°. PV(cp):1s 189mp. |
| 3 | eiP ei eL Lm | 07 59 11.6 59 45 08 08 11 | North Atlantic Ocean 58.4°N 32.3°W, H=07 53 21.9, h=123km (ISC). M=4.8 ISC. USCGS, MLH=4.9 USCGS. Dc=28.1°. LmE:13s 0.8µ, LmV:13s 1.1µ. |
| 3 | eP | 08 03 24 | North Atlantic Ocean 58.4°N 32.0°W, H=07 57 44.1, h=43km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=28.1°. |
| 3 | ePg | 13 00 25 | D=1.7°. eiSg 00 48. |
| 3 | eiSg | 13 01 21.5 | |
| 3 | ePKIKP eiPP eL Lm | 18 40 19 42 34 19 25 38 | Easter Island 22.3°S 114.0°W, H=18 21 08.6, h=35km (ISC). M=5.8 ISC, USCGS, MLH=5.6 Prühonice. Dc=131.4°. LmE:18s 0.7µ. |
| 3 | ei | 23 28 53 | |
| 4 | iPg | 08 00 33.0 | D=1.5°. iSg 00 53.0, Lm 01 04. |
| 4 | e | 12 40 10 | ei 40 29.5. |
| 4 | ei | 13 31 45.6 | |
| 4 | eP | 15 13 53 | South Atlantic Ridge 29.2°S 12.3°W, H=15 01 33.1 (USCGS). M=4.8 USCGS. Dc= =82.4°. |

| Date | Phase | h m s | Remarks |
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| 5 | ei | 01 40 45.5 | i 40 59. |
| 5 | eiPKIKP | 05 19 23.3 | West of Tonga 17.8°S 187.7°W, H=05 00 41.8, h=528km (USCGS). M=4.2 USCGS. Dc=146.2°. |
| 5 | eiPg i eiSg i Lm | 09 59 31.5 59 33.0 59 42 59 45.5 59 47 | Explosion of 6.7 Tons 49°45.3'N, 15°41' E. Dc=86km (Prühonice). |
| 5 | ePg eiSg Lm | 11 59 31 59 45.5 59 48 | D=1.1°. |
| 5 | e | 12 43 32 | ei 43 40, Lm 43 48. |
| 5 | iPg iSg Lm | 12 47 01.0 47 02.5 47 03 | Explosion of 0.9 Tons 49°57.3'W 14°23.4' E. Dc=11km (Prühonice). |
| 5 | e | 12 56 38 | ei 56 42.2, iSg 57 12.5. |
| 5 | ei | 12 57 45 | e 58 19. |
| 5 | eP | 22 15 11 | Japan 34.1°N 139.0°E, H=22 02 48.2, h=35km (ISC). M=5.1 USCGS, 5.0 ISC. Dc= =82.9°. |
| 6 | eiP ei | 06 49 43.5 50 16.5 | Alaska 60.7°N 147.2°W, H=06 38 37.8, h=7km (ISC). M=5.2 USCGS, 5.1 ISC. Dc= =68.7°. |
| 6 | eP | 09 09 40 | Japan 34.1°N 139.0°E, H=08 57 10.9, h=2km (ISC). M=5.0 USCGS, 4.7 ISC. Dc= =82.9°. |
| 6 | ePKIKP eiPP | 09 40 59 43 12 | Easter Island 22.1°S 113.8°W, H=09 22 04.4, h=176km (ISC). M=6.2 USCGS, 5.7 ISC. Dc=131.1°. |
| 6 | eiPn | 10 00 50.7 | D=1°. iPg 00 51.7, eiSg 01 03.7. |
| 6 | eiPg | 10 53 55 | ei 54 05.5. |
| 6 | eiPg | 15 05 19.5 | ei 05 30, i 05 34. |
| 7 | ei | 01 40 55 | |
| 7 | eiPKIKP eipPKIKP eisPKIKP | 21 47 13 47 42 47 53.5 | Loyalty Islands 22.4°S 171.5°E, H=21 27 45.1, h=116km (ISC). M=5.1 USCGS, 4.9 ISC. Dc=147.0°. |

| Date | Phase | h m s | Remarks |
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| 8 | eiP ei | 02 04 49.5 05 35 | Persia 27.9°N 56.9°E, H=01 57 27.9, h=63km (ISC). M=5.3 USCGS, 5.0 ISC, MPV=4.9(cp) Prühonice. Dc=38.9°. PV(cp): 1.2s 21mp. |
| 8 | eiPn iPg iSg | 12 09 12.4 09 14 09 27 | D=1°. |
| 8 | e | 12 40 09 | ei 40 19.3, eiSg 40 43. |
| 8 | eP | 15 16 47 | Jan Mayen 72.0°N 2.3°W, H=15 11 41.7, h=33km (USCGS). M=4.4 USCGS. Dc=23.4°. |
| 8 | eP | 23 08 06 | Algeria 35.9°N 3.4°E, H=23 04 20.6, h= =33km (USCGS). M=4.2 USCGS. Dc=16.2°. |
| 9 | eP | 09 37 16 | China 33.4°N 91.0°E, H=09 27 31.1, h= =33km (USCGS). M=4.5 USCGS. Dc=57.1°. |
| 9 | ePg | 10 06 04 | e 06 37. |
| 9 | e ei | 11 12 19 13 11 | Corsica 44.0°N 9°1/2 E, H=11 09 55 (BCIS). Dc=6.9°. |
| 9 | eiP ei | 11 50 06.6 50 21.6 | C. Aleutian Islands 51.7°N 174.3°E, H=11 38 14.5, h=30km (ISC). M=5.1 USCGS, 4.8 ISC, MPV=5.1(cp) Prühonice. Dc=77.2°, PV(cp):1.5s 24mp. |
| 9 | iPn ei i eiPg ei eiSn ei eiSg | 15 36 30.9 36 38.2 36 45.9 37 01 37 32 37 41.5 38 09 38 26 | C. Italy 44.5°N 10.4°E, H=15 35 01.0, h=26km (ISC). M=4.4 ISC, 4.3 USCGS, D=6.1°, Dc=6.2°. |
| 10 | e | 07 15 56 | ei 16 09. |
| 10 | eiPKIKP | 10 18 13.3 | West of Tonga 17.8°S 178.7°W, H=09 59 32.7, h=530km (USCGS). M=4.0 USCGS. Dc=146.4°. |
| 10 | eiPg | 12 50 22.3 | D=1.8°. eiSg 50 46.3. |
| 11 | iPKIKP ei e | 01 52 38.3 52 50.7 53 45 | C. Loyalty Islands 22.9°S 172.6°E, H=01 32 59.0, h=56km (ISC). M=5.5 USCGS, 5.1 ISC. Dc=147.9°. |
| 11 | eP | 02 33 04 | Aleutian Islands 51.4°N 174.0°E, H=02 21 08.1, h=45km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=77.5°. |

| Date | Phase | h m s | Remarks |
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| 11 | ePKP2 ei | 03 11 42 12 13.8 | West of Macquarie Island 60.6°S 153.1°E, H=02 51 27, h=33km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=154.5°. |
| 11 | eiPKIKP ei | 09 05 37.5 07 11.8 | D. West of Tonga 18.5°S 177.6°W, H=08 46 37.9, h=376km (ISC). M=4.9 USCGS, 4.8 ISC. Dc=147.1°. |
| 11 | ePKP | 19 23 03.6 | West of Tonga 21.5°S 179.0°W, H=09 04 18.0, h=58km (ISC). M=4.4 USCGS, 4.2 ISC. Dc=149.6°. |
| 11 | eiPg | 09 37 30.3 | ei 37 40.3. |
| 11 | eiPg | 10 58 16 | ei 58 27.5. |
| 11 | eiPg ei ei ei | 11 43 27.5 43 38 43 43 43 56 | |
| 11 | ei eiPg ei i eiSg | 11 54 20 54 25 54 53 55 37.3 55 46 | Switzerland 46.3°N 7.4°E, H=11 52 28 (BCIS). Dc=6.0°. |
| 11 | e | 12 08 36 | |
| 11 | eiPg | 13 33 09.5 | D=1.6°. eiSg 33 22. |
| 11 | ePKP2 | 17 12 41 | Balleny Islands 61.3°S 154.5°E, H=16 52 23.9, h=33km (ISC). Dc=155.2°. |
| 11 | ePKP2 ei | 23 10 20 10 32.8 | Kermadec Islands 28.6°S 176.5°W, H=22 49 57.8, h=48km (ISC). M=4.9 USCGS, 4.8 ISC. Dc=156.9°. |
| 12 | eP | 01 13 15 | Aleutian Islands 52.1°N 174.0°E, H=01 01 24.9, h=33km (ISC). M=4.9 USCGS, 4.8 ISC. Dc=76.8°. |
| 12 | ePKP ei | 02 24 11 24 22 | Easter Island Cordillera 56.3°S 120.9°W, H=02 04 40.0, h=217 km (ISC). M=4.9 USCGS, 4.5 ISC. Dc=153.0°. |
| 12 | ePn ei e ei | 07 18 53 18 48.2 19 46 20 11 | Italy 42.1°N 13.5°E, H=07 16 56 (BCIS). Dc=7.9°. |
| 12 | e | 10 04 01 | e 04 19, ei(Sg) 04 33. |
| 12 | e | 12 53 38 | e 54 37. |
| 12 | e | 12 55 01 | eiSg 55 24.2. |

| Date | Phase | h m s | Remarks |
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| 12 | ei | 13 08 15 | ei 09 05. |
| 12 | e | 14 14 14 | e 14 44. |
| 12 | iP e | 17 26 55.5 27 17 | C. Japan 30.5°N 140.2°E, H=17 14 17.2, h=54km (ISC). M=5.4 ISC, 5.3 USCGS, MPV=5.2(cp) Prühonice. Dc=86.5°. PV(cp): 1s 18mp. |
| 12 | iP ei eiPP ei eiS e eL Lm | 18 05 03.1 05 40 08 28 09 19 15 39 18 39 36 44 | D. Japan 30.7°N 140.2°E, H=17 52 26.0, h=50km (ISC). M=6.2 USCGS, 5.9 ISC, MPV=6.2(cp), MLH=5.8 Prühonice. D=87°. Dc=86.4°. PV(cp): 2.2ks 475mp, LmE: 20s 3.4μ, LmV: 20s 7.7μ. |
| 12 | iP | 19 04 07.1 | D. Sea of Okhotsk 53.3°N 153.7°E, H=18 53 34.1, h=470km (ISC). M=5.0 USCGS, 4.9 ISC, MPV=4.9(cp) Prühonice. Dc=71.5°. PV(cp): 1s 29mp. |
| 13 | iP i eiPP ei eiZ eiS i eiSS Lm Lm | 04 42 33.1 42 49.6 44 27 45 39 49 15 49 31 49 59 53 01 05 00 04.5 | C.W. China 43.9°N 87.7°E, H=04 33 50.6, h=29km (ISC). M=6.4 USCGS, 6.2 ISC, MPV=5.7(cp), MLH=6.5 Prühonice. D=48.5°, Dc=48.5°. PV(cp): 1s 576mp, LmH: 7s 24μ, LmV: 7s 18μ, LmE: 18s 36μ, LmV: 16s 64μ. |
| 13 | eP e | 06 22 44 23 37 | West Pakistan 26.3°N 65.2°E, H=06 14 25.4, h=20km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=45.3°. |
| 13 | iPKP i | 07 24 38.0 24 46 | D. West of Tonga 21.3°S 179.1°W, H=07 05 57.3, h=617km (ISC). M=5.2 USCGS, 4.5 ISC. Dc=149.4°. |
| 13 | eP e | 10 55 21 56 23 | Kodiak Island 56.5°N 152.8°W, H=10 43 48.1, h=9km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=73.4°. |
| 13 | ePn eiPg eiSn ei iSg | 11 38 20 38 30 39 05.5 39 15 39 20 | Austria 46.3°N 13.9°E, H=11 37 23.4, h=33km (USCGS). D=3.8°, Dc=3.7°. |
| 13 | e | 13 03 25 | e 03 46, eiSg 04 10.5. |
| 13 | eiPP | 18 18 21 | Argentina 29.3°S 68.1°W, H=17 59 41.6, h=46km (ISC). M=6.0 USCGS, 5.9 ISC. Dc=107.5°. |

| Date | Phase | h m s | Remarks |
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| 13 | e | 18 29 20 | e 29 35. |
| 14 | iP i ei e | 06 06 28.8 06 41.0 08 10 09 14 | C. Japan 36.6°N 141.1°E, H=05 54 14.7, h=55km (ISC). M=5.7 USCGS, 5.5 ISC, MPV=5.7 (cp) Prühonice. Dc=81.7°. PV(cp): 1s 58mp. |
| 15 | iP ei ei eiS ei eL Lm | 11 28 38.5 29 24 29 53.2 36 37 37 19 48 59 | C. Central Mid-Atlantic Ridge 0.2°S 18.6°W, H=11 18 51.0, h=27km (ISC). M=5.8 USCGS, 5.7 ISC, MPV=6.4 (cp) Prühonice. D=58.5°, Dc=57.5°. PV(cp): 2.5s 967mp, LmV:12s 2.3 p. |
| 15 | e | 12 36 31 | ei 36 33.3, ei 37 00.5. |
| 15 | e | 12 50 51 | ei 51 13.5, ei 51 43.8. |
| 15 | e | 15 00 37 | |
| 16 | eiP eipP | 01 11 28.6 12 19.0 | Afghanistan 36.4°N 71.1°E, H=01 03 55.9, h=242km (ISC). M=5.5 USCGS, 5.1 ISC. Dc=42.4°. |
| 16 | eiP | 01 16 42.6 | |
| 16 | eP | 06 59 28 | Philippine Islands 6.6°N 126.9°E, H=06 45 57.2, h=103km (ISC). M=5.8 USCGS, 5.4 ISC. Dc=99.0°. |
| 16 | eiPg i ei eiSg Lm | 12 00 51 00 53 01 02.5 01 07 01 32 | Explosion of 7 Tons 50°01.7'N 16°34.6' E. Dc= 142km (Prühonice). |
| 16 | eiP ei eiS eSS Lm | 15 33 03.5 34 49 39 52.5 43 27 51 | D. North Atlantic Ridge 31.0°N 41.5°W, H=15 24 44.0, h=21km (ISC). M=6.0 USCGS, 5.9 ISC, MPV=6.4 (cp), MLH=5.4 Prühonice. D=47°, Dc=45.5°. PV(cp):2.2s 1000mp, LmN:16s 2p, LmV:16s 2.5p. |
| 16 | eiP ei | 15 49 13.5 49 19.5 | North Atlantic Ridge 31.0°N 41.2°W, H=15 40 54.3, h=17km (ISC). M=5.2 USCGS, 4.8 ISC. Dc=45.3°. |
| 16 | eiP e | 17 17 56.5 18 53 | Ryukyu Islands 25.4°N 125.5°E, H=17 05 40.7, h=102km (ISC). M=5.9 USCGS, 5.6 ISC. Dc=83.1°. |
| 16 | eiP | 23 46 45.5 | C. Kurile Islands 48.1°N 153.3°E, H=23 35 08.8, h=108km (ISC). M=5.2 USCGS, 5.0 ISC, MPV=5.1 (cp) Prühonice. Dc=76.0°. PV(cp): 0.7s 22mp. |

| Date | Phase | h m s | Remarks |
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| 17 | eP | 05 47 25 | North Atlantic Ridge 30.8°N 41.5°W, H=05 39 06.6, h=33km (USCGS). M=4.4 USCGS. Dc=45.6°. |
| 17 | eiPg | 12 53 00.5 | D=1.7°. iSg 53 23.5. |
| 17 | ei | 14 57 12.5 | eiSg 57 28. |
| 18 | e | 09 09 21 | eiSg 10 05.7. |
| 18 | ePKIKP | 11 04 26 | West of Tonga 20.1°S 176.8°W, H=10 45 12.8, h=294km (ISC). M=4.4 USCGS, 4.3 ISC. Dc=148.8°. |
| 18 | e | 16 34 36 | |
| 18 | eiPKIKP i ipPKIKP eisPKIKP ei | 20 19 13 19 17.0 20 59.3 21 39 28 55 | D. West of Tonga 18.8°S 177.8°W, H=20 00 19.3, h=417km (ISC). M=5.6 ISC, USCGS. Dc=147.4°. |
| 18 | eiP ei eS eL Lm Lm | 22 09 41.7 11 26 19 02 33 41.5 47.6 | D. Kamchatka 53.9°N 160.7°E, H=21 58 17.9, h=50km (ISC). M=6.1 ISC, USCGS, MPV=6.5 (cp), MPV=6.2, MLH=5.7 Prühonice. D=73°, Dc=72.6°. PV(cp): 1s 500mp, LmN: 16s 2p, LmV:16s 1.7p, PV: 3s 0.9p. |
| 18 | eiP eiPcP | 22 20 41 20 53.2 | Alaska 53.1°N 161.9°W, H=22 08 45.8, h=8km (ISC). M=5.3 USCGS, 5.2 ISC. Dc=77.3°. |
| 18 | eP ei | 22 41 35 43 11.7 | Sea of Japan 42.8°N 137.4°E, H=22 29 54.4, h=32km (USCGS). M=4.9 USCGS. Dc=75.0°. |
| 19 | iP eiPcP ei eL Lm | 07 26 12.8 26 21.2 28 41 08 23 40 | C. Kurile Islands 45.3°N 151.1°E, H=07 14 15.7, h=23km (ISC). M=5.6 USCGS, 5.3 ISC, MPV=5.8 (cp), MLH=5.5 Prühonice. Dc=77.9°. PV(cp):1.1s 84mp. LmN: 20s 2.3p. |
| 19 | iPg ei iSg | 10 00 36.7 00 47.7 00 51.5 | D=1.1°. |
| 19 | ei | 10 31 57 | ei 32 23.7. |
| 19 | ePg | 12 29 35 | D=2.3°. eiSg 30 10. |
| 19 | e | 12 40 38 | |
| 19 | eiPg | 12 58 57.7 | D=1.8°. iSg 59 21.2. |
| 19 | e | 12 59 05 | eiSg 59 30.7. |

| Date | Phase | h m s | Remarks |
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| 19 | iPg | 12 59 58.2 | D=1.5°. iSg 13 00 17.7. |
| 19 | eiP | 15 23 48 | Aleutian Islands 50.2°N 177.7°E, H=15 11 43.1, h=18km (ISC). M=5.3 USCGS, 4.8 ISC. Dc=79.2°. |
| 19 | eiPg ei iSg | 16 10 14.1 10 48.6 10 50.6 | D=2.3°. |
| 19 | eP ei eL Lm | 22 43 46 43 53.6 23 13 37.4 | Taiwan 23.6°N 122.0°E, H=22 31 21.8, h=21km (ISC). M=5.3 USCGS, 4.9 ISC, MLH= =5.4 Prühonice. Dc=82.7°. LmN: 21s 1.5µ. |
| 19 | eiP | 22 57 07.5 | |
| 20 | iPg i iSg | 08 58 28.0 58 31 58 49.0 | D=1.6°. |
| 20 | eiP i ei ei | 09 04 43.5 04 57.0 05 11 06 48 | China 43.8°N 87.7°E, H=08 56 01.1, h= =31km (ISC). M=5.0 USCGS, 4.9 ISC. Dc= =48.5°. |
| 20 | e | 10 06 07 | ei(Sg) 06 30. |
| 20 | e | 10 11 11 | eiSg 11 27.5. |
| 20 | eiPKIKP eipPKIKP ei | 15 24 01.5 24 33.5 25 41.5 | Banda Sea 7.3°S 129.2°E, H=15 05 38.2, h=122km (ISC). M=6.1 USCGS, 5.9 ISC. Dc=111.3°. |
| 20 | ei | 15 27 20.3 | |
| 20 | e | 15 35 56 | |
| 20 | eP | 16 19 29 | Sumatra 5.2°S 102.1°E, H=16 06 11.9, h= =49km (ISC). M=5.7 USCGS, 5.3 ISC. Dc= 92.5°. |
| 20 | e | 16 33 21 | e 33 28. |
| 21 | eiP ei | 03 13 15.6 13 37 | Lake Baikal 50.6°N 111.9°E, H=03 03 25.4, h=17km (ISC). M=4.8 USCGS, 4.6 ISC. Dc= =57.6°. |
| 21 | iP eiPP | 05 05 34.3 07 05.5 | C. Kazakhstan 49.9°N 78.0°E, H=04 57 58.2, h=0km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=57.6°. |
| 21 | iP eiPP | 05 05 34.3 07 05.5 | C. Kazakhstan 49.9°N 78.0°E, H=04 57 58.2, h=0km (ISC). M=5.8 USCGS, 5.6 ISC, MPV=5.2(cp) Prühonice. Dc= =39.8°. Pv(cp): 1s 62µ. |

| Date | Phase | h m s | Remarks |
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| 21 | eiP ei eiPKIKP eiPP ePS eSPP eiSS eiSSS Lm | 10 46 15.5 49 49 50 14 50 52 11 00 26 01 13 06 24 10 28 32.9 | Banda Sea 6.2°S 130.4°E, H=10 31 51.0, h=101km (ISC). M=6.6 USCGS, 6.3 ISC. MLH=6.1 Prühonice. D=111°, Dc=111.2°. LmN:18s 2.5µ. |
| 21 | e | 12 35 44 | eiSg 36 06. |
| 21 | eiPn iPg i iSg | 13 22 50.7 22 52.7 22 12.7 22 16.2 | D=2°. |
| 22 | ei | 12 51 03 | ei(Sg) 51 25. |
| 22 | eP ei | 14 12 23 13 25 | Aleutian Islands 51.9°N 176.1°W, H=14 00 29.2, h=63km (ISC). M=5.6 USCGS, 5.5 ISC. Dc=78.1°. |
| 22 | iP ei e eL Lm | 20 37 27.7 38 15.6 48 25 21 04 18 | C. Aleutian Islands 51.3°N 179.7°W, H=20 25 31.4, h=41km (ISC). M=5.9 USCGS, 5.8 ISC, MPV=5.9(cp), MLH=5.8 Prühonice. Dc=78.3°, PV(cp): 1.5s 135µ, LmN: 19s 3.2µ. |
| 22 | eiP | 20 51 50 | D. Aleutian Islands 51.5°N 179.6°W, H=20 39 52.8, h=40km (ISC). M=5.1 USCGS, 5.0 ISC, MPV=5.1(cp) Prühonice. Dc=78.2°. |
| 23 | eP ei ei e eL Lm | 01 31 17 31 31.5 35 15.5 45 41 02 05 10.5 | Celebes Sea 3.0°N 124.8°E, H=01 17 31.2, h=40km(ISC). M=5.6 USCGS, 5.5 ISC, MLH= =5.9 Prühonice. Dc=100.6°. LmN:26s 4µ. |
| 23 | iP e eL | 02 29 45.2 30 44 03 01 | C. Aleutian Islands 51.4°N 179.7°W, H=02 17 49.8, h=45km (ISC). M=5.6 USCGS, 5.5 ISC, MLH=5.7 Prühonice. Dc=78.3°. LmN:21s 3µ. |
| 23 | e e ei(Sg) | 07 42 53 43 33 43 40 | Yugoslavia 46.5°N 14.6°E, H=07 42 (Vien- na). Dc=3.5°. |
| 23 | iPg i eiSg | 09 00 38.5 00 49.5 00 54.5 | D=1.2°. |
| 23 | ei | 09 34 12.5 | i 34 23, iSg 34 24.5. |
| 23 | e | 14 37 29 | |

| Date | Phase | h m s | Remarks |
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| 24 | eP | 02 44 24 | Kurile Islands 45.6°N 150.9°E, H=02 32 35.9, h=68km (ISC). M=4.5 USCGS, 4.2 ISC. Dc=77.5°. |
| 24 | e | 03 00 59 | i(Sg) 01 12.5. |
| 24 | eiPKP | 11 11 39 | West of Tonga 21.2°S 178.9°W, H=10 52 57.4, h=613km (ISC). M=5.3 USCGS, 4.6 ISC. Dc=149.4°. |
| 24 | eiPg | 12 52 59 | D=1.8°. eiSg 53 23. |
| 24 | eiPg | 12 54 55.5 | D=1.6°. eiSg 55 15.3. |
| 24 | eiPg | 14 44 09 | D=1.6°. ei 44 28.5, iSg 44 30.5. |
| 24 | eP | 15 19 33 | Sumatra 0.2°S 97.4°E, H=15 06 51.4, h=5km (ISC). M=5.2 USCGS, 5.1 ISC. Dc= =85.5°. |
| 25 | eP e | 02 11 05 11 46 | Turkey 37.2°N 36.2°E, H=02 06 32.3, h=50km (ISC). M=4.8 USCGS, 4.6 ISC. Dc= =20.1°. |
| 25 | eiP ei | 03 46 33.5 46 44 | C. Kamchatka 55.1°N 162.9°E, H=03 35 13.4, h=50km (ISC). M=5.0 USCGS, 4.8 ISC. Dc=71.9°. |
| 25 | eiPg iSg Lm | 09 31 58.7 32 11.7 32 13 | D=1°. |
| 25 | ePg | 11 46 58 | D=1.4°. eiSg 47 16. |
| 25 | ei | 12 05 28.6 | |
| 25 | e | 12 23 40 | |
| 25 | eiPg | 12 46 08.5 | D=1.6°. eiSg 46 30.5. |
| 25 | eSn eSg | 15 25 24 25 36 | Poland 50.4°N 18.9°E, H=15 24 01.4, M=2.7 (Warsaw). Dc=2.8°. |
| 25 | ePKP2 ei | 16 56 34 57 09 | Kermadec Islands 28.1°S 176.6°W, H=16 36 16.4, h=57km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=156.6°. |
| 25 | iPKIKP | 22 53 37.2 | C. New Britain 4.0°S 150.5°E, H=22 35 37.9, h=460km (ISC). M=5.5 USCGS, 5.2 ISC. Dc=121.1°. |
| 26 | eiP ePP | 00 29 50.7 33 10 | Japan 32.1°N 140.8°E, H=00 17 19.3, h= =72km (ISC). M=5.5 USCGS, 5.2 ISC. Dc= 85.4°. |

| Date | Phase | h m s | Remarks |
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| 26 | iPg | 09 05 39.3 | D=1.1°. iSg 05 53.8. |
| 26 | e | 09 54 13 | |
| 26 | eiPg iSg | 10 13 56.5 14 17.0 | Explosion of 10 Tons 49°27.9'N, 12°22.3'E, H=10 13 30.1 (Hannover). D= =1.6°, Dc=1.4°. |
| 26 | ePg | 10 55 13.3 | D=1.6°. iSg 55 34.3. |
| 26 | eiPg | 13 21 56.3 | i 22 07.3, i 22 10.3. |
| 26 | ei | 15 12 16 | iSg 12 17.3. |
| 27 | eP ei ei eL Lm | 03 16 59 17 37.8 18 29 47 56.3 | Japan 30.6°N 140.4°E, H=03 04 18.5, h=36km (ISC). M=5.2 USCGS, 5.1 ISC. MLH= 5.7 Prühonice. Dc=86.4°. LmH: 16s 2.4µ. |
| 27 | eiP | 03 56 43 | Japan 30.5°N 140.4°E, H=03 44 02.0, h= =15km (ISC). M=5.2 ISC, 5.1 USCGS. Dc= 86.6°. |
| 27 | ePKIKP | 08 46 42.2 | West of Tonga 20.8°S 178.1°W, H=08 27 47.9, h=410km (USCGS). M=4.3 USCGS. Dc=149.2°. |
| 27 | iP ei eiPP | 08 54 52.4 55 09.4 58 08.9 | C. Japan 33.0°N 140.9°E, H=08 42 24.1, h=65km (ISC). M=5.7 USCGS, 5.5 ISC, MPV= =5.5(cp) Prühonice. Dc=84.7°. PV(cp): 0.9s 44µ. |
| 27 | eiP e | 11 07 07 07 43 | Mediterranean Sea 35.5°N 29.2°E, H=11 02 51.4, h=37km (ISC). M=4.4 ISC, USCGS, MPV=4.1(cp) Prühonice. Dc=18.0°. PV(cp): 1s 15µ. |
| 27 | eiPKIKP eiPP eL Lm | 12 21 05 23 33.5 13 05 20 | Solomon Islands 9.6°S 159.8°E, H=12 01 48.8, h=19km (ISC). M=6.0 USCGS, 5.8 ISC, MLH=5.7 Prühonice. Dc=130.5°. LmH: 20s 1.7µ. |
| 27 | ePn ei ei i | 13 54 26 54 40 55 30.2 55 57.0 | Yugoslavia 43.1°N 18.3°E, H=13 52 36.8, h=8km (USCGS). M=3.7 USCGS. Dc=7.4°. |
| 27 | iPg | 14 00 18.3 | D=1.3°. iSg 00 35.3. |
| 28 | e eL Lm | 04 41 45 49 05 04 | Chile 45.8°S 72.9°W, H=03 56 46.0, h=33km (ISC). M=5.8 USCGS, 5.4 ISC, MLH= =6.2 Prühonice. Dc=121.9°. LmH: 21s 7.1µ. |

| Date | Phase | h m s | Remarks |
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| 28 | iP eipP ei } S i } S eisS i Lm Lm | 05 29 56.7 30 16.5 32 56.5 33 04.5 33 34.5 33 46.5 35.5 36 | C.N.W. h=100km. Dodecanese Islands 36.1°N 27.4°E, H=05 26 05.3, h=73km (ISC). M=5.8 USCGS, 5.7 ISC, MPH=6.1, MSH=6.2, MPV=6.0, MLH=5.5 Prühonice. D=16.5°, Dc=16.7°. PH: 6s 8.2µ, SH: 14s 9.3µ, PV: 6s 5.5µ, SV: 14s 3.1µ, LmH: 26s 11.8µ, LmH: 11s 7.9µ. |
| 28 | ePKIKP eiPKP2 | 11 29 51 30 05 | Tonga Islands 22.0°S 174.8°W, H=11 10 04.5, h=33km (ISC). M=4.0 USCGS, 3.8 ISC. Dc=151.1°. |
| 28 | eiPKP2 ei | 13 11 50.5 12 13 | Kermadec Islands 30.2°S 176.3°W, H=12 51 19.6, h=34km (ISC). M=5.5 USCGS, 5.3 ISC. Dc=158.5°. |
| 28 | eiP ei eiPP | 21 44 52.2 45 08.6 48 34 | C. Sumatra 4.8°S 103.2°E, H=21 31 46.5, h=83km (ISC). M=5.9 USCGS, 5.5 ISC, MPV=5.4(cp) Prühonice. Dc=92.8°. PV(cp): 1s 15µ. |
| 29 | eiPKP | 04 15 24.3 | Tonga Islands 20.8°S 175.0°W, H=03 55 43.0, h=79km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=149.9°. |
| 29 | eiPKP ei | 05 07 12.1 07 19.3 | D. West of Tonga 20.7°S 178.6°W, H=04 48 30.7, h=595km (ISC). M=5.1 USCGS, 4.6 ISC. Dc=149.0°. |
| 29 | e | 05 22 10 | |
| 29 | iP | 09 11 44.0 | C. Kurile Islands 44.9°N 146.6°E, H=09 00 11.9, h=190km (ISC). M=5.4 USCGS, 5.2 ISC, MPV=5.3(cp) Prühonice. Dc=76.7°. |
| 29 | ei(Pg) | 12 41 38 | ei 41 47, eiSg 41 59. |
| 29 | eiPg | 14 00 44.5 | D=2.2°. eiSg 01 13.0, Lm 01 21. |
| 29 | ePKIKP | 15 25 28 | Tonga Islands 16.0°S 174.8°W, H=15 05 48.3, h=26km (ISC). M=4.5 USCGS, 4.3 ISC. Dc=145.3°. |
| 30 | iPg iSg Lm | 10 26 40.1 26 41.6 26 44 | Explosion of 8.5 Tons 49°57.3'N 14°23.4'E. Dc=11km (Prühonice). |
| 30 | eiSg | 13 35 48 | |
| 30 | ei | 16 23 57.7 | |
| 30 | eiPKP i | 22 49 38.4 49 59 | Tonga Islands 23.3°S 176.0°W, H=22 30 01.2, h=164km (ISC). M=5.1 USCGS, 4.8 ISC. Dc=152.1°. |

| Date | Phase | h m s | Remarks |
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| 1 | iPg i iSg Lm | 09 59 07.0 59 11.5 59 20.5 59 28 | D=1.1°. |
| 1 | eiP e | 10 35 45 36 05 | D. Algeria 24.0°N 5.0°E, H=10 29 58.4, h=0km (ISC). M=5.1 USCGS, 4.9 ISC, MPV=4.7(cp) Prühonice. Dc=26.9°. PV(cp): 1s 15µ. |
| 1 | ePn ei eSg | 10 51 55 52 22.5 52 38 | Poland 50.4°N 18.8°E, H=10 51 03.1, M=2.8 (Warsaw). Dc=2.7°. |
| 1 | e | 13 22 25 | e 22 45, eiSg 23 19.5. |
| 1 | e | 22 32 16.5 | e 32 46, ei 33 01. |
| 2 | eiP ei | 06 10 40 10 52 | Aleutian Islands 51.4°N 176.3°E, H=05 58 42.4, h=17km (ISC). M=5.1 USCGS, 4.9 ISC. Dc=77.8°. |
| 2 | eiPg | 10 31 33 | D=2.3°. ei 31 56, eiSg 32 02. |
| 2 | eiPKIKP ei | 23 57 50 57 59 | C. Samoa Islands 15.4°S 173.0°W, H=23 38 15.5, h=36km (ISC). M=5.6 USCGS, 5.4 ISC. Dc=145.0°. |
| 3 | eiPKIKP ei | 07 04 50.7 05 18 | C. Tonga Islands 20.6°S 173.9°W, H=06 45 02.4, h=33km (ISC). M=5.4 USCGS, 5.3 ISC. Dc=150.0°. |
| 3 | e | 12 47 12 | eiSg 47 36.5. |
| 3 | ei(Pg) | 12 51 46.6 | eiSg 52 24.2. |
| 3 | iPg iSg Lm | 14 00 33.7 00 44.7 00 51 | Explosion? D=95km. |
| 3 | eiP | 15 25 28.5 | Nevada 37.1°N 116.0°W, H=15 13 04.5, h=25km (ISC). M=5.6 ISC. Dc=82.9°. |
| 3 | eiP | 17 26 07.5 | |
| 3 | eiPKIKP | 17 30 17 | D. West of Tonga 16.1°S 177.9°W, H=17 10 39.4, h=33km (USCGS). M=4.7 USCGS. Dc=144.7°. |
| 3 | eP i eiPP | 21 25 22 25 31.6 26 57 | Hindu Kush 36.3°N 69.3°E, H=21 17 38.5, h=45km (ISC). M=5.4 USCGS, 5.3 ISC. Dc=41.3°. |
| 3 | eiSg | 22 00 40.5 | Switzerland 46.3°N 7.4°E, H=21 57 26 (BCIS). Dc=6.0°. |

| Date | Phase | h m s | Remarks |
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| 4 | iP i | 02 23 55.2 24 10.1 | D. Aleutian Islands 51.1°N 170.5°W, H=02 11 50.3, h=19km (ISC). M=5.7 USCGS, 5.6 ISC, MPV=5.6(cp) Prühonice. Dc=79.2°, PV(cp): 1s 69mp. |
| 4 | eiPg | 09 08 55 | D=1°. iSg 09 07.5. |
| 4 | eiP | 09 14 46 | |
| 4 | iPn eiPg ei eiSg i | 10 14 21.9 14 32.6 15 12 15 15 15 22.6 | Explosion of 10.5 Tons Eschenlohe 47°37.9'N 11°08.85'E, H=10 13 31.3 (Collm). D=3.2°, Dc=3.1°. |
| 4 | eiP e | 16 44 06.2 44 34 | Crete 34.3°N 26.2°E, H=16 39 57.5, h= =12km (ISC). M=4.9 USCGS, 4.8 ISC, MPV= =4.3(cp) Prühonice. Dc=17.9°. PV(cp): 1.7s 38mp. |
| 5 | e | 11 48 26 | |
| 5 | eP | 16 43 26 | Taiwan 24.0°N 121.8°E, H=16 30 59.0, h= =39km (ISC). M=5.3 USCGS, 5.0 ISC. Dc= 82.3°. |
| 5 | iP eiPcP | 18 26 37.0 26 48 | C. Aleutian Islands 52.6°N 173.3°E, H=18 14 51.0, h=38km (ISC). M=5.6 USCGS, 5.5 ISC, MPV=5.9(cp) Prühonice. Dc=76.2°. PV(cp): 1s 88mp. |
| 5 | eP ePcP | 22 12 15 12 45 | Burma - India 23.3°N 94.5°E, H=22 01 38.7, h=97km (ISC). M=5.4 USCGS, 5.0 ISC. Dc=66.1°. |
| 6 | eiP | 01 34 37.0 | Aleutian Islands 50.6°N 177.4°E, H=01 22 33.7, h=19km (ISC). M=5.1 USCGS, 4.9 ISC. Dc=78.8°. |
| 6 | iP ei iPP | 08 05 56.4 06 41.5 08 47.9 | D. Russia 43.4°N 134.0°E, H=07 55 09.1, h=422km (ISC). M=4.9 USCGS, 4.8 ISC, MPV=4.9(cp) Prühonice. Dc=73.1°. PV(cp): 1s 34mp. |
| 6 | eiP eiPP ei e eSKS eiPS eiSS ei eL Lm Lm | 11 48 16.5 52 05.5 52 39 57 53 58 43 12 00 45 05 46 10 11 12 25 34 | Mexico 19.0°N 107.1°W, H=11 34 53.4, h=20km (ISC). M=5.9 USCGS, 5.7 ISC, MLH= 6.5 Prühonice. D=94°, Dc=94.2°. LmH:26s 20p, LmH: 15s 13p, LmV: 15s 4.7p. |

| Date | Phase | h m s | Remarks |
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| 6 | eiPg | 12 44 49 | ei 45 11.5, ei 45 22. |
| 6 | e | 14 00 54 | ei 01 06.5, ei 01 13.5. |
| 6 | eiPKIKP | 20 46 16.6 | Tonga Islands 16.2°S 173.6°W, H=20 26 44.7, h=68km (USCGS). M=4.7 USCGS. Dc=145.7°. |
| 7 | eP | 08 49 36 | Crete 35.8°N 25.2°E, H=08 45 36.4, M= =3.9 (Athens). Dc=16.2°. |
| 7 | eP | 14 58 38 | Tadzhikistan 39.2°N 73.9°E, H=14 50 44.4, h=17km (ISC). M=4.8 USCGS, 4.6 ISC. Dc= =42.1°. |
| 7 | eiPKIKP | 21 25 22 | Tonga Islands 15.5°S 173.3°W, H=21 05 53.8, h=82km (ISC). M=4.8 USCGS, 4.4 ISC. Dc=145.0°. |
| 7 | iPKIKP e | 22 37 55.3 39 10 | D. New Guinea 6.4°S 146.3°E, H=22 19 16.0, h=118km (ISC). M=6.1 USCGS, 5.9 ISC. Dc=120.8°. |
| 8 | ePg | 12 49 26 | D=1.6°. ei 49 29, eiSg 49 47.8. |
| 8 | eiPg | 13 09 46.5 | D=2°. eiSg 10 12.5. |
| 8 | iPKP2 ei | 18 25 54.6 26 32 | D. New Zealand 37.0°S 177.5°E, H=18 05 24.6, h=153km (ISC). M=6.2 USCGS, 5.6 ISC. Dc=162.1°. |
| 8 | eiPKIKP | 19 24 51.3 | West of Tonga 20.5°S 178.6°W, H=19 06 06.9, h=556km (ISC). M=4.6 USCGS, 4.2 ISC. Dc=148.8°. |
| 9 | iP i iPP Lm | 06 20 51.8 22 23.5 24 31 07 04.5 | C. Mexico 17.3°N 100.0°W, H=06 07 49.1, h=58km (ISC). M=6.0 USCGS, 5.9 ISC, MPV= 5.8(cp), MLH=6.3 Prühonice. Dc=91.7°. PV(cp):2.2s 125mp. LmH: 18s 10p. |
| 9 | iPKIKP iPKP2 eipPKIKP | 13 31 23.2 31 26.7 33 54.2 | D. West of Tonga 18.1°S 178.1°W, H=13 12 55.3, h=649km (ISC). M=5.6 USCGS, 5.4 ISC. Dc=146.5°. |
| 9 | iPKIKP ei | 13 44 11.5 45 12.5 | D. West of Tonga 18.2°S 178.0°W, H=13 25 40.2, h=651km (ISC). M=5.0 USCGS, 4.8 ISC. Dc=146.7°. |
| 9 | iP ei | 20 36 24.7 36 40.5 | C. India-China 27.4°N 92.5°E, H=20 26 01.4, h=4km (ISC). M=5.3 USCGS, 5.2 ISC, MPV=5.5(cp) Prühonice. Dc=62.0°. PV(cp):1s 32mp. |

| Date | Phase | h m s | Remarks |
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| 10 | eiPg ei i iSg Lm | 09 15 29.4 15 39 15 41.4 15 43.5 15 46 | D=1.1°. |
| 10 | iPg i i eL Lm | 10 29 11.5 29 13.7 29 23 29 41 29 50 | Explosion of 17.2 Tons 50°35.2'N 14°03.2'E. Dc=75km (Prühonice). |
| 10 | eiPn iPg iSg Lm | 11 30 10 30 11.0 30 30.0 30 41 | D=1.5°. |
| 10 | eiPg | 12 44 47 | D=1.8°. iSg 45 11.5. |
| 10 | ei | 12 47 02 | iSg 47 25.5. |
| 10 | eiPKIKP | 22 12 32.7 | Santa Cruz Islands 11.4°S 166.1°E, H=21 53 21.5, h=93 km (ISC). M=5.8 USCGS, 5.6 ISC. Dc=134.9°. |
| 11 | iPg | 09 06 28.5 | D=2°. i 06 35, iSg 06 54.5. |
| 11 | iPg | 10 00 12.5 | D=1.6°. iSg 00 33.5. |
| 11 | e | 23 23 36 | |
| 12 | eiPg | 11 47 43.7 | D=1.8°. i 47 45.2, eiSg 48 07.9. |
| 12 | ei | 11 59 15 | eiSg 59.41. |
| 12 | eiPKIKP | 17 00 09 | Tonga Islands 23.6°S 175.1°W, H=16 40 12.8, h=28km (ISC). M=5.0 USCGS, 4.9 ISC. Dc=152.6°. |
| 12 | eiP | 22 48 50.2 | Atlantic-Indian Ridge 29.3°S 60.7°E, H=22 35 58.5, h=33km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=88.9°. |
| 13 | iP ei ei | 05 57 12.4 57 25 58 09 | C. Kurile Islands 44.7°N 150.3°E, H=05 45 16.7, h=43km (ISC). M=5.5 USCGS, 5.1 ISC. Dc=78.1°. |
| 13 | iP iPcP ei eiS eL Lm | 11 04 05.9 04 17.5 06 43 14 05 32 32.5 | C. Kurile Islands 44.6°N 150.0°E, H=10 52 10.2, h=45km (ISC). M=5.9 USCGS, 5.7 ISC, MPV=6.4(cp), MLH=6.2 Prühonice. D=80°, Dc=78.1°. PV(cp): 2s 563µ, LmH: 22s 11.1µ. |

| Date | Phase | h m s | Remarks |
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| 13 | e | 11 34 14 | |
| 13 | eiP | 13 14 50.8 | |
| 13 | eiP eiPcP eS eL | 14 58 07.8 58 19.8 15 08 15 26 | Kurile Islands 44.7°N 150.1°E, H=14 46 12.9, h=49km (ISC). M=5.7 USCGS, 5.2 ISC, MPV=5.7(cp), MLH=6.0 Prühonice. D=81.5°, Dc=78.1°. PV(cp): 1.8s 123 µ. LmH: 22s 6.8µ. |
| 13 | ei | 17 46 15 | |
| 13 | eiP e | 17 46 40 49 03 | Albania 40.2°N 19.8°E, H=17 44 08.4, h=7km (ISC). M=4.6 ISC, 4.5 USCGS. Dc= 10.4°. |
| 13 | eiP eiPcP Lm | 22 49 35 49 47.5 23 26 | C. Kurile Islands 44.9°N 150.3°E, H=22 37 34.8, h=5km (ISC). M=5.3 USCGS, 4.8 ISC, MPV=5.3(cp), MLH=5.4 Prühonice. Dc=78.0°. PV(cp): 1.6s 39µ, LmH: 22s 2.4µ. |
| 13 | eP | 22 58 19 | Kurile Islands 44.6°N 150.2°E, H=22 46 21.0, h=33km (ISC). M=4.4 ISC, USCGS. Dc=78.2°. |
| 13 | eiP ei eL Lm | 23 05 14.5 05 37 34 37.5 | C. Kurile Islands 44.8°N 150.2°E, H=22 53 18.0, h=27km (ISC). M=5.1 USCGS, 4.9 ISC, MPV=5.5(cp), MLH=5.4 Prühonice. Dc=78.0°. PV(cp): 1.9s 81µ, LmH: 22s 2.4µ. |
| 14 | eP | 05 19 13 | Kurile Islands 44.6°N 150.2°E, H=05 07 15.4, h=33km (ISC). M=4.4 ISC, 4.0 USCGS. Dc=78.2°. |
| 14 | eiP | 20 15 38 | Kamchatka 53.9°N 160.7°E, H=20 04 13.4, h=45km (ISC). M=4.6 ISC, 4.5 USCGS. Dc= 72.6°. |
| 14 | ei | 21 06 56.5 | |
| 15 | e ei ei | 02 36 01 36 07.3 37 12 | Ascension Island 3.4°S 12.0°W, H= =02 26 20.9, h=119km (ISC). M=5.0 USCGS, 4.7 ISC. Dc=57.9°. |
| 15 | eiP eipP ei | 04 54 31.5 54 53.5 57 25.5 | Burma 22.0°N 94.5°E, H=04 43 47.4, h=109km (ISC). M=5.4 USCGS, 5.2 ISC. Dc= =67.1°. |
| 15 | eP | 10 32 28 | Kurile Islands 44.7°N 150.3°E, H=10 20 31.7, h=33km (ISC). M=4.4 ISC, 4.1 USCGS. Dc=78.2°. |

| Date | Phase | h m s | Remarks |
|------|---|---|---|
| 15 | iPg i iSg L Lm | 12 00 15.5 00 31.0 00 36.5 00 45 00 50 | Explosion 49°39.2'N 16°43.8'E. Dc=161km Prühonice. |
| 15 | eiPn eiPg eiSn i | 12 08 56.5 09 24 10 14 10 44.5 | Belgium 50.5°N 4.1°E, H=12 07 17 (BCIS). D=6.8°, Dc=6.8°. |
| 15 | ePKP2 | 12 30 34 | South Pacific Cordillera 56.9°S 141.1°W, H=12 09 35.8, h=33km (ISC). M=4.7 ISC. Dc=163.9°. |
| 15 | eiPg | 12 54 48.5 | D=2.4°. iSg 55 18. |
| 15 | e | 12 57 03 | ei(Sg) 57 30. |
| 15 | iPg iSg Lm | 13 26 48.0 27 03.5 27 17 | Explosion of 9.6 Tons 50° 05.3'N 16°20.8'E. Dc= 130km (Prühonice). |
| 15 | e | 14 05 44 | |
| 15 | ePKIKP eiPKP2 | 19 39 50 40 46 | South Pacific Cordillera 56.7°S 141.9°W, H=19 19 47.3, h=6km (ISC). M=5.8 USCGS, 5.2 ISC. Dc=164.5°. |
| 15 | eiPg eiSn ei | 20 05 48.8 06 21 07 42 | Yugoslavia 45.8°N 14.5°E, H=20 04 31 (BCIS). Dc=4.2°. |
| 15 | eiP ei eiPP eiS eiPS e eL | 23 18 14 19 36 21 52 29 00 30 20 34 29 42.5 | Panama 7.6°N 82.2°W, H=23 05 23.1, h=26km (ISC). M=5.9 USCGS, 5.7 ISC, MLH= 6.5 Prühonice. Dc=88.5°. LmH:21s 16µ, LmV: 21s 7µ. |
| 16 | iPg i iSg Lm | 12 59 52 59 53 13 00 03.5 00 24 | Explosion of 13.2 Tons 49°27.7'N 13°22.6'E. Dc=102km (Prühonice). |
| 16 | e | 13 52 46.5 | e(Sg) 53 03. |
| 16 | eiP | 19 27 27 | Nevada 37.0°N 116.1°W, H=19 15 02.6, h=27km (USAEC). Dc=83.0°. |
| 16 | eiPKIKP | 22 37 03.4 | Loyalty Islands 22.9°S 171.7°E, H=22 17 23.2, h=47km (ISC). M=4.6 ISC, USCGS, Dc=147.5°. |

| Date | Phase | h m s | Remarks |
|------|---|--|---|
| 16 | eiPKIKP ei ei | 23 25 19.4 25 45 27 55 | D. West of Tonga 17.6°S 179.0°W, H=23 06 40.8, h=548km (ISC). M=5.2 USCGS, 5.1 ISC. Dc=145.9°. |
| 17 | eiPn | 03 58 42.2 | C. Germany 51.6°N 7.8°E, H=03 57 27. M=3.2 (Bensberg). Dc=4.5°. |
| 17 | eP | 06 22 43 | Central Mid-Atlantic Ridge 8.7°N 39.5°W, H=06 12 33.0 h=33km (ISC). M=4.7 USCGS, 4.5 ISC. Dc=60.7°. |
| 17 | eiP | 06 27 35 | Central Mid-Atlantic Ridge 8.7°N 39.3°W, H=06 17 29.8, h=79km (ISC). M=5.3 USCGS, 5.1 ISC. Dc=60.6°. |
| 17 | iPg iSg Lm | 09 00 54.6 01 14.5 01 25 | D=1.5°. |
| 17 | ePg | 12 56 04 | D=1.6°. iSg 56 26.1. |
| 18 | iP i | 08 42 42.2 43 14 | C. Kurile Islands 44.8°N 150.1°E, H=08 30 47.7, h=41km (ISC). M=5.6 USCGS, 5.4 ISC, MPV=5.8(cp) Prühonice. Dc=78.0°. PV(cp): 1.5s 107µp. |
| 18 | eiPn e iPg ei iSn eiSg Lm | 09 23 51.7 24 15.7 24 19.2 24 42 24 57 25 31 25 51 | Italy 44.2°N 12.0°E, H=09 22 24.1, h= =0km (ISC). M=4.3 Prühonice. D=6.1°, Dc=6.0°. LmV: 1.5s 0.9µ. |
| 18 | eiP ei | 13 32 22 32 35.3 | D. Kurile Islands 44.7°N 150.1°E, H=13 20 20.4, h=3km (ISC). M=5.4 USCGS, 5.0 ISC. Dc=78.1°. |
| 20 | eP ei ei eS Q Qm Rm | 00 11 08 11 22.5 11 27 13 22 14 00 15 15 55 | Aegean Sea 40.2°N 24.8°E, H=00 08 16.0, h=33km (ISC). M=5.3 USCGS, 5.2 ISC, MLH= 5.6 Prühonice. D=12°, Dc=12.2°. QmH: 26s 43µ, RmH: 13s 56µ, RmV= 13s 13µ. |
| 20 | e | 05 43 19 | ei 43 21.5, eiSg 43 46. |
| 20 | eiP | 07 24 14 | Kurile Islands 50.3°N 156.8°E, H=07 12 37.6, h=62km (ISC). M=5.2 ISC, 5.1 USCGS. Dc=75.0°. |
| 20 | e | 09 36 34 | ei 36 37.5, eiSg 37 02. |
| 20 | eiPg | 12 51 31.5 | D=1.4°. eiSg 51 50. |

| Date | Phase | h m s | Remarks |
|------|--|---|--|
| 20 | eSg | 12 53 56 | |
| 21 | eiP | 00 43 26.5 | Kamchatka 52.6°N 158.8°E, H=00 32 02.0, h=76km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=73.4°. |
| 21 | eiP ei | 08 54 11.5 54 25 | Mexico 16.9°N 98.1°W, H=08 41 01.1, h=47km (ISC). M=5.1 ISC, 5.2 USCGS. Dc=91.0°. |
| 21 | eiPn ei ei ei eiSn ei ei Lm | 10 01 30.5 01 36.5 01 52.5 02 18 02 44.5 03 00.5 03 09 03 13 | Belgium 50.6°N 5.4°E, H=10 00 00.4, h=0km (ISC). M=4.8 ISC, 4.3 USCGS, MLH=4.0 Prühonice. D=6°, Dc=5.9°. LmN: 4s 0.9µ. |
| 21 | eiPKP2 | 10 58 19 | C. Kermadec Islands 30.0°S 179.2°W, H=10 38 23.6, h=286km (ISC). M=5.4 USCGS, 4.8 ISC. Dc=157.5°. |
| 21 | eiPg | 13 02 48.5 | D=1.5°. iSg 03 07.5. |
| 21 | eiP | 16 07 32.8 | e 09 40.3. |
| 21 | eiPKIKP e | 18 09 12.2 10 48 | West of Tonga 19.2°S 177.7°W, H=17 50 12.3, h=390km (ISC). M=5.1 USCGS, 4.9 ISC. Dc=147.7°. |
| 22 | eiP iPcP eiS eL Lm Lm | 00 40 23.6 40 35.1 50 09 01 05 13 19.5 | Kamchatka 52.4°N 160.5°E, H=00 28 50.1, h=31km (ISC). M=5.5 USCGS, 5.3 ISC, MLH=6.0 Prühonice. D=75°, Dc=74.0°. LmH: 17s 5µ, LmH: 14s 5.1µ, LmV: 14s 3µ. |
| 22 | eP | 00 50 10 | Kamchatka 52.4°N 160.4°E, H=00 38 27.1, h=33km (ISC). |
| 22 | eP | 01 05 32 | Philippine Islands 6.7°N 124.1°E, H=00 52 56.8, h=552 km (ISC). M=5.6 USCGS, 5.2 ISC. Dc=97.3°. |
| 22 | eiP ei | 03 33 43.5 33 54 | Kamchatka 52.3°N 160.3°E, H=03 22 10.1, h=48km (ISC). M=5.1 USCGS, 4.8 ISC. Dc=74.1°. |
| 22 | eP | 03 59 08 | Central Mid-Atlantic Ridge 8.7°N 39.5°W, H=03 48 56.8, h=33km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=60.7°. |
| 22 | eP | 04 33 22 | Central Mid-Atlantic Ridge 8.8°N 39.4°W, H=04 23 09.5, h=33km (ISC). M=5.0 USCGS, 4.9 ISC. Dc=60.5°. |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 22 | eiP ei | 07 38 54 39 05 | Kamchatka 52.6°N 160.2°E, H=07 27 23.8, h=52km (ISC). M=5.4 USCGS, 5.2 ISC, MLH=5.5 Prühonice. Dc=73.8°. LmH: 16s 2µ. |
| 22 | eiPg | 08 59 41 | D=1.1°. eiSg 59 55. |
| 22 | e | 12 32 51 | ei 32 57.5. |
| 22 | eiPg | 12 46 06 | D=2.5°. iSg 46 39.5, ei 47 13. |
| 22 | e | 13 59 36 | eiSg 14 00 05. |
| 22 | iP i i eiPP eiPPP iS eiPPS eiSS eL | 19 52 41.0 52 55.0 53 23 55 17 57 05 20 01 57.0 02 53 06 21 15 | Kodiak Islands 58.3°N 153.1°W, H=19 41 21.6, h=38km (ISC). M=6.5 USCGS, 6.4 ISC, MLH=5.7, MPH=6.9, MPV=6.7(cp) Prühonice. D=71.5°, Dc=71.6°, LmH: 21s 4.1µ, PN:4s 1.4µ, PV:4s 1.7µ, PV(cp): 2.5s 1447µ. |
| 22 | eP | 20 20 20 | ei 21 13. |
| 22 | e | 21 45 41 | |
| 22 | eP | 23 36 52 | Kamchatka 52.4°N 160.4°E, H=23 251., h=37km (ISC). M=4.5 ISC, USCGS, Dc=73.9°. |
| 23 | eiP | 06 09 13.4 | Kamchatka 52.3°N 160.4°E, H=05 57 40.8, h=56km (ISC). M=4.9 USCGS, 4.6 ISC. Dc=74.1°. |
| 23 | iPg i iSg eL Lm | 07 09 13.9 09 16.4 09 32.9 09 40 09 45 | D=1.5°. |
| 23 | eiPg | 11 13 33 | D=1.1°. eiSg 13 47.5. |
| 23 | eP | 11 17 13 | Persia 27.6°N 54.5°E, H=11 10 01.1, h=37km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=37.7°. |
| 23 | e | 11 59 07 | e 59 39. |
| 23 | e | 13 11 36 | Lm 11 47. |
| 23 | eiPg | 15 13 41.3 | D=1.4°. iSg 13 59.3. |
| 23 | iP i ei ei | 15 31 18.8 31 23.8 33 49.3 34 35 | C. Italy 40.5°N 14.9°E, H=15 29 06.9, h=310km (ISC). M=4.6 ISC, 4.5 USCGS. Dc=9.5°. |

| Date | Phase | h m s | Remarks |
|------|---------|------------|--|
| 23 | ei | 15 55 48.2 | i 55 50.7, Lm 55 58. |
| 23 | iP | 20 58 36.6 | C. Alaska 60.6°N 140.6°W, H=20 47 37.6, h=25km (ISC). M=5.8 USCGS, 5.7 ISC, MLH=5.3, MPV=6.1(cp) Prühonice. Dc=68.0°. |
| | i | 58 42.6 | |
| | ei | 59 33 | |
| | ei | 21 00 43 | PV(cp): 1.4s 167mp. LmH: 17s 1.8p. |
| | eL | 24 | |
| | Lm | 30 | |
| 24 | eiP | 04 28 38.1 | Kamchatka 51.9°N 159.4°E, H=04 17 02.4, h=33km (ISC). M=4.7 ISC, USCGS, Dc=74.2°. |
| 24 | eiP | 05 07 35.6 | Kazakhstan 49.9°N 78.1°E, H=04 59 58.4, h=0km (ISC). M=5.2 USCGS, 5.0 ISC, MPV=4.6(cp) Prühonice. Dc=39.8°. PV(cp): 1s 15mp. |
| 24 | e | 08 15 17 | ei 15 55.5. |
| 24 | eiPKIKP | 08 28 11.6 | C. Tonga Islands 23.5°N 176.0°W, H=09 08 19.2, h=35km (ISC). M=4.8 ISC, 4.7 USCGS. Dc=152.3°. |
| 24 | eiP | 08 34 33.5 | |
| 24 | eiPKIKP | 14 58 32.5 | Samoa Islands 16.2°S 172.0°W, H=14 38 53.1, h=18km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=145.9°. |
| 25 | eiPKIKP | 03 16 29 | West of Tonga 18.1°S 179.1°W, H=02 57 58.2, h=634km (ISC). M=5.6 USCGS, 5.5 ISC. Dc=146.4°. |
| | iPKP2 | 16 31.5 | |
| | ei | 17 07 | |
| | eipPKP | 18 54 | |
| | ei | 19 21.5 | |
| 25 | e | 03 27 02 | |
| 25 | eiPn | 10 19 55.3 | Yugoslavia 44.1°N 20.0°E, H=10 18 10.2, h=0km (ISC). M=4.8 ISC. D=7.2°, Dc=7.0°. |
| | i | 21 07.8 | |
| | ei | 21 30 | |
| | eiSg | 22 05 | |
| 25 | e | 12 05 06 | |
| 25 | e | 12 20 28 | Aegean Sea 39.8°N 25.0°E, H=12 15 33.1, h=41km (ISC). M=4.5 ISC, 4.0 USCGS. Dc=12.6°. |
| | e | 22 24 | |
| 25 | eP | 14 16 38 | Ryukyu Islands 27.3°N 128.7°E, H=14 04 08.2, h=63km (ISC). M=4.9 USCGS, 4.8 ISC. Dc=83.5°. |
| 25 | eiP | 15 13 43.5 | Greece 37.3°N 21.1°E, H=15 10 30.0, h=4km (ISC). M=4.5 USCGS, 4.4 ISC. Dc=13.5°. |
| | e | 14 10 | |

| Date | Phase | h m s | Remarks |
|------|---------|------------|--|
| 25 | eP | 17 51 10 | Afghanistan 37.1°N 71.4°E, H=17 43 24.3, h=99km (ISC). M=5.0 ISC, USCGS, Dc=42.2°. |
| 25 | iPKIKP | 18 36 20.2 | D. West of Tonga 18.4°S 179.0°W, H=18 17 46.5, h=624km (ISC). M=5.6 USCGS, 4.2 ISC. Dc=146.7°. |
| 25 | eiPKIKP | 19 39 15.5 | West of Tonga 18.2°S 179.1°W, H=19 20 45.6, h=631km (ISC). M=5.4 USCGS, 5.2 ISC. Dc=146.3°. |
| | iPKHKP | 39 19.0 | |
| | ipPKP | 41 43 | |
| 25 | eiPKIKP | 21 05 17 | West of Tonga 18.3°S 179.0°W, H=20 46 44.1, h=631km (ISC). M=4.8 ISC, 4.4 USCGS. Dc=146.5°. |
| 26 | eiPKIKP | 04 11 58.2 | New Britain 5.4°S 151.6°E, H=03 53 11.6, h=88km (ISC). M=6.1 USCGS, 5.7 ISC. MLH=6.0 Prühonice. Dc=122.8°. LmH:27s 3.9p. |
| | e | 14 23 | |
| | i | 15 28.0 | |
| | e | 23 42 | |
| | eL | 50 | |
| | Lm | 05 02 | |
| 26 | eiPKIKP | 07 03 47.6 | Tonga Islands 15.8°S 175.2°W, H=06 44 43.7, h=299km (ISC). M=4.5 USCGS, 4.4 ISC. Dc=145.1°. |
| 26 | eiPKP | 18 24 34 | D. Fiji Islands 23.8°S 179.9°W, H=18 05 37.4, h=498km (ISC). M=5.0 USCGS, 4.8 ISC. Dc=151.5°. |
| | eiPKP2 | 24 45.5 | |
| 27 | eP | 01 15 16 | Mediterranean Sea 35° 1/4 N 21.0°E, H=01 11 37 (Athens). |
| 27 | eP | 04 19 44 | Japan 36.3°N 142.1°E, H=04 07 25.1, h=39km (ISC). M=4.7 ISC, 4.4 USCGS. Dc=82.3°. |
| | ePcP | 19 55 | |
| 27 | eiPKIKP | 16 16 34.5 | Tonga Islands 18.6°S 175.7°W, H=15 57 19.3, h=255km (ISC). M=4.4 ISC, USCGS. Dc=147.6°. |
| 28 | eP | 08 50 09 | Dodecanese Islands 37.5°N 26.8°E, H=08 46 27.3, h=40km (USCGS). Dc=15.3°. |
| 28 | eiPg | 10 58 25 | D=1.6°. eiSg 58 46.5. |
| 28 | eiPKP | 16 31 09 | D. West of Tonga 17.8°S 178.7°W, H=16 12 28.3, h=539km (ISC). M=4.1 ISC, USCGS. Dc=146.2°. |

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 28 | iP ei ei eiPP eS eL Lm | 20 45 19.5 45 31.1 47 29 48 52 56 14 21 20 30.5 | C. Bonin Islands 28.0°N 141.9°E, H=20 32 27.8, h=60km (ISC). M=5.8 USCGS, 5.7 ISC, MPV=6.1(cp), MLH=6.0 Průhonice. D=90°, Dc=89.4°. PV(cp):2.1s 236mp, LmH: 16s 4μ, LmV:16s 1.7μ. |
| 28 | eP | 22 18 08 | Peru-Ecuador 3.2°S 77.1°W, H=22 04 51.6, h=13km (ISC). M=5.5 USCGS, 5.3 ISC. Dc= =93.5°. |
| 29 | eiPg | 12 43 44.5 | D=1.6°. eiSg 44 07. |
| 29 | e | 15 13 08 | ei 13 51, ei 14 13. |
| 30 | eiP ei | 02 18 19.5 19 07 | Unimak Island 54.1°N 164.3°W, H= =02 06 30.4, h=19km (ISC). M=5.7 USCGS, 5.5 ISC. Dc=76.3°. |
| 30 | e | 04 52 23 | |
| 30 | eiP | 06 29 36.5 | Southern Peru 16.6°S 71.1°W, H= =06 16 04.4, h=114km (ISC). M=5.7 USCGS, 5.6 ISC. Dc=99.7°. |
| 30 | ePn ei | 12 42 56 43 14 | Poland 50.3°N 18.9°E, H=12 42 12.3, M= =2.6 (Warsaw). Dc=2.8°. |
| 30 | ei | 12 48 56 | |
| 30 | eP | 16 45 05 | Kodiak Island 58.2°N 152.3°W, H=16 33 43.9, h=33km (ISC). M=5.3 USCGS, 4.9 ISC. Dc=71.6°. |
| 30 | eiP | 17 08 49.5 | C. Kurile Islands 44.0°N 148.7°E, H=16 56 54.7, h=56km (ISC). M=5.2 USCGS, 5.1 ISC, MPV=5.3(cp) Průhonice. Dc=78.2°. |
| 30 | eiPKIKP | 17 19 04 | Samoa Islands 16.6°S 172.4°W, H=16 59 22.6, h=28km (USCGS). M=4.8 USCGS. Dc=146.2°. |
| 31 | eiP | 02 40 33.2 | D. Sumatra 0.8°N 100.3°E, H=02 28 00.6, h=109km (ISC). M=5.5 USCGS, 5.2 ISC. Dc= =86.7°. |
| 31 | iPg i iSg | 07 00 51.2 00 54.2 01 12.2 | C. D=1.6°. |
| 31 | iPg | 08 01 02.7 | D=1.4°. iSg 01 20.7, Lm 01 32. |
| 31 | eiPg | 10 21 42.2 | D=1.6°. eiSg 21 04.7. |
| 31 | ePKHKP iPKP2 | 11 01 38.3 01 51.2 | Fiji Islands 25.0°S 177.2°W, H=10 41 56.0, h=137km (ISC). Dc=153.4°. |

July - December 1965

V.Kárník, J.Nykles

Remark:

The recorded events correspond to rock bursts in the regions of Kladno and Příbram and to quarry blasts. All explosions with known epicentres are included in the foregoing chapter. The values of periods and amplitudes correspond to the maximum surface waves Lm.

| Date | Phase | h m s | Remarks |
|----------------|-------------------|------------------------------------|---|
| 1 1 | ei e | 04 58 27.5 08 58 51 | iSg 58 30, L 58 34, Lm 58 37. 1s 0.03 μ . eiSg 58 59.5, Lm 59 04. 1s 0.04 μ . |
| 2 | iPg | 12 29 38.1 | iSg 29 40.6, Lm 29 42. D=21 km. 0.5s 0.27 μ . |
| 2 | iPg | 12 00 17.0 | iSg 00 18.5, Lm 00 19. D=13km. 0.5s 0.28 μ . |
| 3 | iPg | 10 19 22.3 | iSg 19 25.8, Lm 19 29. D=29km. 0.5s 0.08 μ . |
| 3 | ei | 16 18 07 | Lm 18 09. 0.5s 0.03 μ . |
| 5 | ePg | 04 45 13 | iSg 45 17.5, L 45 20, Lm 45 26. D=38km. 1s 0.03 μ . |
| 5 | iPg | 09 13 47.8 | D=29k. 0.5s 0.06 μ . iSg 13 51.3, Lm 13 55. |
| 6 | iPg | 11 00 23.0 | iSg 00 24.5, Lm 00 25, D=13km. 0.5s 0.14 μ . |
| 6 | iPg | 13 57 28.5 | iSg 57 30.0, Lm 57 31. D=13km. 0.5s 0.5 μ . |
| 7 | iPg | 12 24 47.0 | iSg 24 50.0, Lm 24 53. D=29km. 0.7s 0.09 μ . |
| 7 | ei | 12 42 35 | Lm 42 40. 1s 0.06 μ . |
| 8 8 8 | ei ei e | 08 30 04 09 08 25.1 10 23 51 | eL 00 07, Lm 30 08. 1s 0.01 μ . Lm 08 28. iSg 23 54.7, i 23 57.8, Lm 24 08. 1s 0.01 μ . |
| 9 9 9 | e iPg eiPn | 10 04 37 12 42 22.5 13 00 07 | Lm 04 42. 1s 0.01 μ . iSg 42 27.0, Lm 42 32. D=39km. 1s 0.12 μ . iSg 00 08, iSg 00 17.5. D=90 km. |
| 10 10 | e ePg | 06 36 39 06 37 43 | eiSg 36 44.7, Lm 47.5. Ls 0.01 μ . eiSg 37 47.5, Lm 37 55. D=38.5. 1s 0.06 μ . |
| 10 10 10 | eSg eSg e | 09 40 46 09 50 17 11 34 00 | eiSg 34 03.5. |
| 11 | e | 09 53 01 | eiSg 53 38. |
| 12 12 12 | e eSg iSg | 10 22 54 12 23 04 12 40 47.5 | eiSg 22 02, Lm 22 07. 1s 0.03 μ . Lm 23 07. 0.7s 0.04 μ . Lm 40 50. 1s 0.06 μ . |
| 13 13 13 | ei eSg e | 09 14 39 11 06 30 11 08 06.5 | ei 14 43. D=34 km. |
| 14 14 14 | e eiPg eiSg | 10 56 50 11 29 24 12 42 44 | eiSg 56 52. eiSg 29 28, Lm 29 36. D=34 km. Lm 42 51. |
| 15 | eSg | 18 22 22 | |
| 16 | eiPg | 13 01 33.2 | eiSg 01 39.8, Lm 01 46. D=48km. 1s 0.09 μ . |

| Date | Phase | h m s | Remarks |
|----------------------------------|--------------------------------------|--|---|
| 17 | eSg | 10 11 05 | Lm 11 14. 1s 0.03 μ . |
| 18 18 | e e | 05 30 35 11 50 17 | eSg 30 39. |
| 19 19 19 19 | eiPg e eiSg eiSg | 05 52 13.2 12 36 20 12 52 05 15 56 37 | eiSg 52 17.4, Lm 52 25. D=38km. 1s 0.07 μ . eiSg 36 24. Lm 52 08. Lm 56 39. 0.5s 0.03 μ . |
| 20 20 20 20 | eiPg eSg e eiPg eiPg | 10 04 39 12 51 08 17 24 29 18 11 55 20 34 56 | eiSg 04 52. D=1°. eiSg 11 59, Lm 12 07. D=34km. 1s 0.07 μ . eiSg 35 07, Lm 35 14. D=95km. 1s 0.03 μ . |
| 21 21 21 21 21 21 | eiPg eiSg ePg ePg e e | 07 51 20 13 10 03 13 36 03 16 31 11 19 27 49 22 50 15 | ei 51 25. e 36 07.5. eiSg 31 20.5. D=80km. ei 27 55.6. |
| 23 | iPg | 11 00 13 | iSg 00 14.5, Lm 00 15. D=13km. 0.5s 0.13 μ . |
| 23 23 | iPg eiPg | 12 26 22 12 29 02.4 | iSg 26 24.5, Lm 26 25. D=21 km. iSg 29 05.9, Lm 29 09. D=29km. 0.7s 0.04 μ . |
| 23 | ePg | 12 39 53 | iSg 39 57. D=34 km. |
| 26 | eiPg | 12 30 49 | iSg 30 52.5, Lm 30 54. D=30 km. 0.5s 0.03 μ . |
| 28 | eiPg | 10 31 14.5 | eiSg 31 23. Lm 31 30. D=72km. 1s 0.01 μ . |
| 29 29 29 29 | ei e iPg iPg | 03 07 12 11 38 37 13 57 15.5 14 33 46 | Lm 07 20. Lm 38 43. 1s 0.01 μ . iSg 57 17.5. D=17km. iSg 33 47.6, Lm 33 48. D=14km. iSg 33 47.6, Lm 33 48. |
| 29 | iPg | 18 46 24.5 | iSg 46 29.0, L 46 33, Lm 46 36. |
| 30 30 | e e | 09 43 41 12 29 34 | Lm 43 46. 1s 0.01 μ . ei 29 38, Lm 29 40. 0.5s 0.25 μ . |
| 31 31 | ei iPg | 02 41 04 03 41 33.0 | Lm 41 12. 1s 0.01 μ . i 41 34.6, iSg 41 37.5, L 41 40, Lm 41 46. D=39 km. 1s 0.21 μ . |
| 31 31 31 | iPg eiSg ePg | 10 47 33.5 12 27 37.5 14 40 18 | iSg 47 38.0, Lm 47 42. D=39km. 1s 0.06 μ . Lm 27 45. 1s 0.01 μ . iSg 40 22.5, L 40 26.5, Lm 40 30. D=39km. 1s 0.04 μ . |
| 31 | eiPg | 17 15 31.7 | iSg 15 36.5, L 15 39, Lm 15 45. D=40km. 1s 0.04 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 2 | e | 12 25 36 | eiSg 25 40.2, Lm 25 46. |
| 3 | iPg | 12 25 42.9 | iSg 25 46.4, Lm 25 50.5. D=29km. is 0.03 μ . |
| 4 | i | 11 09 19 | Lm 09 22. 0.5s 0.04 μ . |
| 4 | iPg | 12 30 14.7 | iSg 30 16.2, Lm 30 17.2. D=13km. |
| 5 | eiPg | 12 43 04.5 | eiSg 43 09, Lm 43 13.5, D=39km. 1s 0.09 μ |
| 5 | ei | 17 06 06 | eiSg 06 09, Lm 06 14. 1s 0.01 μ . |
| 5 | ei | 17 40 33.5 | Lm 40 42. |
| 6 | eiSg | 12 28 36.5 | Lm 28 39. 0.7s 0.03 μ . |
| 6 | ePg | 13 29 01 | iSg 29 08. D=60 km. |
| 7 | iPg | 10 48 07.4 | iSg 48 10.4, Lm 48 13. D=29km. |
| 10 | e | 09 21 54 | eiSg 22 02, Lm 22 06. 1s 0.01 μ . |
| 10 | e | 09 37 32 | Lm 37 36. 1s 0.02 μ . |
| 12 | iPg | 03 51 56.0 | i 51 57.5, iSg 52 01.0, Lm 52 08. D=42km. 1s 0.21 μ . |
| 12 | iPg | 10 58 10.5 | iSg 58 12.0, Lm 58 13. D=13km. 0.5s 0.13 μ . |
| 12 | iPg | 12 35 20 | iSg 35 23, Lm 32 26. D=27km. 0.5s 0.13 μ . |
| 12 | iPg | 12 50 58.5 | eiSg 51 01, Lm 51 05. D=39km. 1s 0.13 μ . |
| 14 | ei | 01 21 36.5 | ei 21 42, Lm 21 43. 1s 0.03 μ . |
| 14 | eiPg | 09 18 22.6 | eiSg 18 31, Lm 18 36. 1s 0.02 μ . |
| 14 | e | 12 48 50 | Lm 48 56. |
| 15 | e | 08 36 43 | Lm 36 50. |
| 15 | ei | 09 16 45 | Lm 16 54. |
| 16 | eiPg | 12 38 05 | eiSg 38 10, Lm 38 15. 1s 0.13 μ . |
| 17 | e | 01 10 35 | Lm 10 42. |
| 17 | iPg | 12 36 21.2 | eiSg 36 25.7, Lm 36 29. D=39km. 0.7s 0.04 μ . |
| 17 | eiPg | 12 41 31.5 | iSg 41 35.4, Lm 41 38. D=33km. 0.6s 0.04 μ . |
| 18 | iPg | 09 05 59.2 | iSg 06 01.7. D=22km. |
| 18 | iPg | 10 59 17.5 | iSg 59 19. D=13km. |
| 19 | e | 10 05 41 | Lm 05 53. |
| 20 | e | 11 41 47 | ei(Sg) 41 58.5. |
| 20 | eiPg | 12 39 19.7 | eiSg 39 24.4, Lm 39 29. 1s 0.02 μ . |
| 21 | eiPg | 09 35 14.3 | eiSg 35 17.3, Lm 35 21.5. D=25km. 1s 0.07 μ . |
| 22 | eSg | 06 18 02 | Lm 18 09. 1s 0.01 μ . |
| 23 | eiPg | 10 08 22.5 | ei 08 31, Lm 08 37. 1s 0.01 μ . |
| 24 | eiPg | 12 58 36.2 | eiSg 58 39.2, Lm 58 40. 1s 0.18 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 25 | ePg | 09 34 20.5 | eiSg 34 29, Lm 34 35. D=72km. |
| 25 | ePg | 12 16 17 | eiSg 16 20.5, Lm 16 23. D=30km. 0.7s 0.03 μ . |
| 27 | eSg | 10 10 14 | Lm 10 17. 0.5s 0.05 μ . |
| 27 | ePg | 10 58 01 | eiSg 58 02.5, Lm 58 03.5. D=13km. |
| 28 | ei | 08 59 27.5 | |
| 28 | e | 11 19 09 | Lm 19 12. |
| 29 | eSg | 01 50 13 | Lm 50 21. |
| 30 | e | 12 28 12.5 | Lm 28 16. 0.7s 0.04 μ . |
| 30 | ePg | 12 34 58.5 | eiSg 35 02, Lm 35 03.5. |
| 30 | eiPg | 12 38 20.5 | eiSg 38 25, Lm 38 30. 1s 0.15 μ . |
| 31 | e | 11 57 38 | eiSg 57 47.5. |
| 31 | eiPg | 12 09 10.5 | eiSg 09 15, Lm 09 20. 1s 0.04 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 1 | ePg | 11 00 55 | ei 00 56.5, eiSg 00 07, D=100km. |
| 1 | e | 12 01 30.5 | eiSg 01 35, Lm 01 38.5. 0.8s 0.1 μ . |
| 1 | eiPg | 12 17 24.5 | eiSg 17 28.5, Lm 31.5. D=34km. 0.7s 0.04 μ . |
| 2 | eiPg | 12 00 48.5 | ei 00 50.5, eiSg 00 52, Lm 00 53. D=30km. 1s 0.07 μ . |
| 2 | e | 15 59 56.5 | eiSg 16 00 00. |
| 3 | e | 09 52 05 | eiSg 52 12.5, Lm 52 19. |
| 3 | ePg | 12 16 33 | eiSg 16 36.5, Lm 16 39.5. D=30km. 0.7s 0.04 μ . |
| 3 | eiPg | 12 34 05.5 | eiSg 34 08.5, Lm 34 11.5 D=26km. 0.5s 0.12 μ . |
| 4 | e | 08 53 06 | Lm 53 12. 1s 0.01 μ . |
| 4 | e | 09 10 28 | Lm 10 32. 1s 0.03 μ . |
| 4 | eiPg | 10 48 27.5 | eiSg 48 35, Lm 48 41. D=60 km. |
| 7 | ei | 09 10 46 | Lm 10 48. 0.5s 0.03 μ . |
| 7 | ei | 09 43 27.5 | iSg 43 31, Lm 43 34. 0.6s 0.04 μ . |
| 7 | eiPg | 12 20 16 | iSg 20 18, Lm 20 20. D=17km. 0.8s 0.19 μ . |
| 8 | ei | 06 53 55.6 | eiSg 53 56.6, Lm 54 05. 1s 0.04 μ . |
| 8 | ePg | 10 21 19 | eiSg 21 26.6, Lm 21 34. D=64km. |
| 8 | ei | 10 49 29.6 | iSg 49 34.5, Lm 49 42. 1s 0.04 μ . |
| 8 | iPg | 11 57 54.6 | iSg 58 03.6, Lm 58 11. |
| 9 | eiSg | 10 24 59.5 | Lm 25 07. |
| 9 | ei | 12 39 56 | |
| 9 | eiPg | 12 57 27.8 | iSg 57 29.3, Lm 57 30. D=13km. 0.5s 0.1 μ . |
| 10 | iPg | 07 00 11.2 | eiSg 00 18.7, Lm 00 23. D=64km. 0.8s 0.2 μ . |
| 10 | iPg | 11 19 02.3 | iSg 19 05.2, Lm 19 07. D=26km. 0.7s 0.1 μ . |
| 10 | ei | 12 40 27.6 | eiSg 40 40. |
| 11 | ei | 11 56 55 | |
| 11 | e | 12 27 42 | Lm 27 52. |
| 12 | ei | 00 10 26.2 | Lm 10 33. 1s 0.01 μ . |
| 12 | iPg | 06 10 19.8 | i 10 21.8, iSg 10 24.3, L 10 28, Lm 10 32. D. D=39km. 1s 0.38 μ . |
| 13 | e | 09 02 53 | Lm 02 56.5. 0.5s 0.03 μ . |
| 14 | ei | 11 21 45.3 | Lm 21 51. 1s 0.01 μ . |
| 14 | e | 12 38 28 | eiSg 38 35.5, Lm 38 40. 1s 0.03 μ . |
| 15 | eiSg | 11 08 45 | Lm 08 50. 1s 0.02 μ . |
| 15 | ei | 11 22 13 | iSg 22 26.0. |
| 15 | iPg | 13 19 31.6 | eiSg 19 36. Lm 19 40. 0.5s 0.04 μ . |
| 15 | eiSg | 23 14 34.6 | Lm 14 41. 1s 0.01 μ . |
| 16 | eiPg | 09 13 40.5 | iSg 13 43.5, Lm 13 46.5. D=26km. 0.5s 0.06 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 16 | e | 11 13 12 | Lm 13 18. 1s 0.01 μ . |
| 16 | e | 12 40 29 | Lm 10 33. 1s 0.09 μ . |
| 17 | eiPg | 08 24 30 | eiSg 24 37.5, Lm 24 43. D=64km. |
| 17 | eiPg | 09 47 35.5 | eiSg 47 46.5. D=94km. |
| 17 | eiPg | 11 58 37 | ei 58 47.5, Lm 58 51. 1s 0.02 μ . |
| 18 | ei | 10 11 37 | Lm 11 40. 0.7s 0.04 μ . |
| 21 | e | 12 15 23 | eiSg 15 26.3, Lm 15 28. 1s 0.02 μ . |
| 21 | ei | 12 29 03.8 | eiSg 29 06.8, Lm 29 09. 0.7s 0.08 μ . |
| 21 | e | 14 29 48 | eiSg 30 03, Lm 30 11. 1s 0.01 μ . |
| 23 | eSg | 11 35 43 | Lm 35 47.5. 1s 0.01 μ . |
| 23 | ei | 11 58 12.5 | Lm 58 17.5. |
| 23 | eSg | 12 38 33.4 | Lm 38 37. 1s 0.16 μ . |
| 23 | e | 23 18 29.5 | eiSg 18 34.1, Lm 18 41. 1s 0.02 μ . |
| 24 | ei | 10 01 15 | eL 01 17, Lm 01 25. 1s 0.03 μ . |
| 24 | eiPg | 11 58 08 | eiSg 58 17.4, Lm 58 23. |
| 24 | e | 11 58 54 | ei 59 01.5, Lm 59 12. |
| 24 | eiPg | 14 00 55.4 | ei 01 11.9, eiSg 01 15. D=1.5°. |
| 25 | iPg | 17 52 42.8 | i 52 44.8, iSg 52 46.8, L 52 50, Lm 52 55. D. D=34km. 1s 0.23 μ . |
| 27 | eiPg | 12 02 05 | iSg 02 08.3, Lm 02 12. D=26km. 1s 0.03 μ . |
| 27 | ei | 12 39 23 | Lm 39 27. 1s 0.06 μ . |
| 28 | ei | 10 50 36 | Lm 50 43. |
| 28 | eiPg | 11 29 21.5 | i 29 23.0, iSg 29 33.5. D=100km. |
| 28 | ei | 11 31 51 | Lm 32 06.5. |
| 29 | eiPg | 12 11 43.5 | eiSg 11 48, Lm 11 52. D=39km. 1s 0.08 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 2 | e | 09 08 30 | |
| 2 | ei | 09 16 44 | Lm 16 49. 1s 0.01 μ . |
| 4 | ei | 09 15 24.5 | Lm 15 27. |
| 4 | eiPg | 10 58 21 | ei 58 32.5. |
| 4 | eiPg | 12 19 14.5 | ei 19 25.5, ei 19 28.5. |
| 5 | e | 09 44 52 | eiSg 44 55, Lm 44 57.5. 0.6s 0.03 μ . |
| 5 | ei | 10 13 45.7 | Lm 13 51. 1.1s 0.03 μ . |
| 5 | e | 11 15 44 | |
| 5 | iPg | 11 57 14.5 | iSg 57 16.0, Lm 57 16.5. D, D=13km. 0.5s 0.09 μ . |
| 5 | ei | 12 17 17.5 | Lm 17 20. 1s 0.03 μ . |
| 6 | iPg | 07 09 31.5 | i 09 33.5, iSg 09 36.0, L 09 39, Lm 09 44 D=39km. 1s 0.13 μ . |
| 6 | ei | 15 18 19 | Lm 18 27. 1s 0.01 μ . |
| 7 | e | 09 23 32 | ei 23 42, Lm 23 47. 1s 0.01 μ . |
| 7 | iPg | 15 00 11.6 | iSg 00 16.6, Lm 00 19. D=43km. 0.5 s 0.07 μ . |
| 7 | ei | 18 28 29 | Lm 28 37. 1s 0.02 μ . |
| 8 | e | 10 25 26 | eiSg 22 33.5, Lm 22 39. |
| 8 | ei | 12 16 12.7 | Lm 16 16. |
| 8 | ei | 22 06 37 | Lm 06 45 1.s 0.01 μ . |
| 11 | e | 08 55 02 | eiSg 55 07.7, Lm 55 11. 1s 0.03 μ |
| 11 | e | 11 28 49 | |
| 11 | e | 12 16 23 | Lm 16 27. |
| 12 | e | 10 35 44 | Lm 35 49. 1s 1.2 μ . |
| 13 | eiPg | 09 11 49.3 | iSg 11 52.8, Lm 11 55. D=29km. 0.6s 0.13 μ . |
| 13 | eiPg | 10 30 52.3 | eiSg 31 00.8, Lm 31 05. D=72km. 1s 0.03 μ |
| 13 | e | 11 15 05 | |
| 13 | e | 12 51 04 | |
| 14 | iPg | 08 59 12.5 | iSg 59 23.5, Lm 59 32. D=93km. 1s 0.03 μ . |
| 14 | e | 10 34 07 | iSg 34 10.5, Lm 34 19. 1s 0.07 μ . |
| 14 | ei | 20 35 51 | eiSg 35 53.6, Lm 35 59. |
| 17 | e | 06 46 13 | Lm 46 21. 1s 0.02 μ . |
| 18 | i | 09 00 21 | Lm 00 24. |
| 18 | e | 09 24 41 | Lm 24 46. 1s 0.02 μ . |
| 18 | e | 12 41 06 | Lm 41 08. 1s 0.03 μ . |
| 18 | e | 14 21 36 | Lm 21 44. 1s 0.02 μ . |
| 18 | e | 20 42 13 | Lm 42 21. 1s 0.01 μ . |
| 19 | ePg | 09 32 51 | eiSg 32 54.5, Lm 32 58. D=29km. 0.8s 0.01 μ . |
| 19 | eiPg | 12 40 19.6 | e 40 23, ei 40 25.8, Lm 40 28. 1s 0.12 μ . |
| 20 | ei | 11 02 07 | Lm 02 13. 1s 0.01 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 21 | iPg | 09 29 19.2 | iSg 29 23.2, Lm 29 27. D=34km. 1s 0.04 μ . |
| 21 | eiPg | 13 33 22.2 | iSg 33 25.7, Lm 33 30. D=29km. 1s 0.01 μ . |
| 21 | ei | 21 09 27 | Lm 09 34. 1s 0.02 μ . |
| 22 | e | 10 22 55 | Lm 23 03. 1s 0.03 μ . |
| 22 | eiPg | 10 36 26 | eiSg 36 38. D=100km. |
| 22 | e | 10 22 55 | Lm 23 03. |
| 22 | eiPg | 12 21 48.4 | eiSg 21 52, Lm 21 55. D=30 km. 0.5s 0.04 μ . |
| 22 | iPg | 14 00 26.6 | iSg 00 36.6, Lm 00 41. D=85km. 1s 0.03 μ . |
| 23 | eiPg | 10 10 43.5 | iSg 10 46.5, Lm 10 49.5. D=25km. 0.6s 0.09 μ . |
| 23 | iPg | 10 33 19.8 | eiSg 33 21.5, Lm 33 22. D=16km. 0.5s 0.16 μ . |
| 23 | e | 20 16 52 | eiSg 16 56.5, Lm 17 04.5. 1s 0.02 μ . |
| 24 | e | 06 24 41 | Lm 24 49. |
| 25 | e | 00 22 42 | 1s 0.02 μ . |
| 25 | ePg | 11 55 20 | ei 55 27, Lm 55 32. 1s 0.01 μ . |
| 25 | eiPg | 11 59 12.3 | eiSg 59 24.4. D=100km. |
| 27 | eiSg | 09 23 55 | Lm 24 01. |
| 27 | ei | 13 04 24.5 | Lm 04 31. 1s 0.02 μ . |
| 28 | eiPg | 10 37 08.7 | eiSg 37 14.2, Lm 37 20. |
| 28 | e | 13 11 28 | |
| 30 | ei | 07 53 37 | Lm 53 42. 1s 0.01 μ . |
| 30 | ei | 10 47 22 | Lm 47 25. |

| Date | Phase | h m s | Remarks |
|------|--------|------------|---|
| 1 | iPg | 14 00 33.3 | D=17km. 1s 0.18 μ. |
| 1 | ei(Sg) | 15 02 55 | |
| 1 | ei | 15 05 15.6 | Lm 05 20. |
| 2 | iPg | 11 52 34.5 | iSg 52 36.7, Lm 52 37.5. D=19km. |
| 2 | ePg | 12 32 10 | eiSg 32 13, Lm 32 16. D=25km. 0.5s 0.06μ. |
| 3 | eiPg | 12 40 13.5 | eiSg 40 19. Lm 40 22. D=46km. |
| 4 | e | 06 19 12 | Lm 19 20. 1s 0.01 μ. |
| 4 | ei | 09 23 53 | eiSg 23 34.5. |
| 4 | ei | 11 49 05 | Lm 49 13. 1s 0.01 μ. |
| 4 | e | 12 14 46 | eiSg 14 49.5. |
| 5 | iPg | 00 30 34.0 | i 30 35.6, iSg 30 38.5, L 30 42, Lm 30 46. D=39km. 1s 0.12 μ. |
| 5 | e | 06 55 18.5 | eiSg 55 21.5, Lm 55 29. 1s 0.05 μ. |
| 5 | iPg | 07 59 47.5 | iSg 59 57.7, Lm 08 04. D=87km. 1s 0.04 μ. |
| 5 | e | 11 39 18 | Lm 39 26. 1s 0.01 μ. |
| 5 | iPg | 12 45 20 | iSg 45 22.5, Lm 45 25. D=21km. 0.5s 0.13 μ. |
| 5 | ei | 13 31 57 | Lm 32 04. |
| 8 | e | 08 59 12 | Lm 59 20. 1s 0.01 μ. |
| 8 | e | 09 16 33 | |
| 8 | e | 10 18 12 | Lm 18 22. 1s 0.01 μ. |
| 9 | e | 07 59 53 | Lm 08 00. |
| 9 | ei | 09 15 32.5 | |
| 9 | eiPg | 10 35 20 | eiSg 35 21.5. D=13km. |
| 9 | eiPg | 12 08 11 | iSg 08 13.0. D=17km. |
| 9 | e | 12 28 10 | ei(Sg) 28 14. |
| 9 | eiSg | 13 12 32 | Lm 12 35. |
| 10 | e | 09 32 03 | Lm 32 04. 1s 0.05 μ. |
| 10 | iPg | 12 37 42.5 | eiSg 37 49, Lm 37 50. D=58km. 1s 0.05 μ. |
| 10 | e | 12 45 22 | eiSg 45 27.6. |
| 10 | eiSg | 16 05 06.3 | Lm 05 14. 1s 0.02 μ. |
| 10 | eiSg | 21 01 19.8 | Lm 01 27. 1s 0.01 μ. |
| 11 | ePg | 09 48 29.8 | iSg 48 33, Lm 48 36. 0.7s 0.12 μ. |
| 11 | ei | 11 21 52.3 | eiSg 21 56.7, Lm 22 01. |
| 11 | eiPg | 12 44 15.8 | iSg 44 17.8, Lm 44 18.2. D=17km. 0.6s 0.15 μ. |
| 11 | eiPg | 12 44 48.9 | iSg 44 52, Lm 44.55. D=26km. 0.6s 0.18 μ. |
| 12 | e | 10 21 06 | Lm 21 10. |
| 12 | eiPg | 12 26 42.6 | i 26 45.3, iSg 26 51.5, Lm 26 59. D=77km. 1s 0.06 μ. |
| 12 | iPg | 12 32 44.2 | Lm 32 47. 0.7s 0.02 μ. |
| 12 | e | 13 00 55 | Lm 00 58. 1s 0.01 μ. |
| 12 | e | 16 24 02 | Lm 24 11. 1s 0.01 μ. |
| 13 | ei | 02 17 01.5 | Lm 17 09. 1s 0.02 μ. |
| 13 | e | 10 39 10 | Lm 39 17. 1s 0.02 μ. |
| 13 | eiSg | 10 32 00 | Lm 32 03. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 15 | e | 01 10 13 | Lm 10 21. 1s 0.01 μ. |
| 15 | e | 10 00 42 | Lm 00 54. 1s 0.01 μ. |
| 16 | ePg | 10 36 34 | eiSg 36 41.5, Lm 36 47. D=64km. 1s 0.03μ. |
| 16 | ei | 15 52 12.5 | Lm 52 18. 1s 0.01 μ. |
| 16 | eiPg | 20 45 09 | eiSg 45 13.5, eL 45 17, Lm 45 21. D=39km. 1s 0.04 μ. |
| 16 | e | 22 34 18 | eiSg 34 20.5, Lm 34 29. 1s 0.02 μ. |
| 17 | eiPg | 11 01 45.5 | iSg 01 53.5, Lm 02 01. D=68km. 1s 0.01 μ. |
| 17 | ei | 14 03 20.5 | |
| 18 | eiPg | 10 35 31.7 | eiSg 35 33.7, Lm 35 35. |
| 18 | eSg | 11 32 06.7 | Lm 32 11. 1s 0.01 μ. |
| 18 | e | 12 30 40.2 | |
| 18 | e | 13 16 10 | eiSg 16 21. |
| 18 | e | 14 17 19 | Lm 17 23. |
| 19 | e | 01 53 11 | Lm 53 19. |
| 19 | iPg | 08 30 26.2 | iSg 30 29.7, Lm 30 32. D=29km. 0.5s 0.25μ. |
| 19 | ei | 13 53 00.5 | |
| 19 | ei | 14 16 03.7 | Lm 16 09.7. 0.7s 0.01 μ. |
| 19 | ei | 14 24 41 | |
| 19 | e | 15 17 46 | Lm 17 54. |
| 19 | e | 20 52 58 | |
| 19 | e | 21 38 15 | Lm 28 20.5. |
| 20 | ei | 10 21 52.5 | Lm 21 55.5. |
| 21 | e | 09 20 44 | Lm 20 51.5. 1s 0.01 μ. |
| 22 | e | 09 26 15 | Lm 26 20. |
| 22 | e | 11 01 34 | Lm 01 37. 1s 0.01 μ. |
| 23 | ei | 09 29 26.5 | Lm 29 30. 0.8s 0.01 μ. |
| 23 | e | 10 36 21 | ei 36 31, Lm 36 36. 1s 0.01 μ. |
| 23 | e | 12 15 31 | eiSg 15 32.5, Lm 15 34.5. 0.6s 0.03 μ. |
| 23 | ei | 12 41 11 | Lm 41 16. 1s 0.09 μ. |
| 23 | ei | 14 39 15.3 | Lm 39 17. 0.5s 0.06 μ. |
| 24 | ePg | 11 57 05 | eiSg 57 09.5, Lm 57 11.5. D=39km. 0.8s 0.02 μ. |
| 25 | eiPg | 01 11 19.8 | ei 11 21.3, iSg 11 23.8, iSg 11 24.3, Lm 11 32. D=39km. 1s 0.14 μ. |
| 25 | e | 12 44 54 | Lm 44 59. 0.8s 0.03 μ. |
| 26 | e | 03 33 43 | Lm 33 50. 1s 0.02 μ. |
| 26 | ePg | 08 29 41 | eiSg 29 48.5, Lm 29 54. D=64km. 0.8s 0.06 μ. |
| 26 | eiPg | 10 59 24.8 | eiSg 59 32.3, Lm 59 37. D=64km. 1s 0.01μ. |
| 26 | iPg | 12 21 42.7 | iSg 21 45.7, Lm 21 48. D=26km. 0.5s 0.01 μ. |
| 26 | e | 12 25 56 | Lm 25 59.5. 1s 0.01 μ. |
| 26 | iPg | 12 52 57.4 | iSg 53 00.9, Lm 53 04.5, D=29km. 0.6s 0.07 μ. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 26 | e | 12 57 22 | |
| 26 | e | 13 43 40 | |
| 26 | i | 23 15 09.8 | Lm 15 16.4. 1s 0.01 μ . |
| 27 | ei | 21 55 26.7 | eiSg 55 29.2, eL 55 34.2, Lm 55 37, 1s 0.03 μ . |
| 30 | ei | 10 16 02.6 | Lm 16 11. 1s 0.01. |
| 30 | eiPg | 10 18 42.6 | iSg 18 46.6, Lm 18 51. D=34km. 1s 0.04 μ . |
| 30 | ei | 08 53 42.6 | ei 54 04, eiSg 54 07.6. |
| 30 | ei | 10 49 54 | iSg 49 55.7. |
| 30 | eiSg | 11 22 02 | Lm 22 06. |
| 30 | ei | 12 25 51.6 | Lm 25 54. |
| 30 | iSg | 12 57 15.7 | L 57 18, Lm 57 22.6, 1s 0.02 μ . |
| 30 | e | 13 00 18 | |
| 30 | ei | 13 14 44.5 | Lm 14 46.5. 0.5s 0.03 μ . |
| 30 | eiPg | 14 30 41.2 | iSg 30 46.2, Lm 30 48. D=44km. 0.5s 0.19 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 1 | e | 12 39 14 | eiSg 39 20, Lm 39 22. 1s 0.04 μ . |
| 2 | eiSg | 05 44 53.5 | Lm 45 02. |
| 2 | ei | 09 23 17 | Lm 23 20. |
| 2 | e | 10 48 16 | Lm 48 21. 1s 0.01 μ . |
| 2 | e | 11 45 11 | Lm 45 16. |
| 2 | e | 11 48 29 | Lm 48 38. |
| 2 | e | 12 43 54 | ei 43 55. |
| 3 | i | 09 10 23.7 | Lm 10 26.5. |
| 3 | i | 09 20 38.7 | Lm 20 41. 0.7s 0.03 μ . |
| 3 | e | 11 55 41 | Lm 55 43. 1s 0.02 μ . |
| 4 | eiPg | 10 17 51.1 | iSg 17 56.1, Lm 17 57.5. D=44km. |
| 6 | ei | 03 56 49 | L 56 53, Lm 56 57. 1s 0.01 μ . |
| 6 | eiPg | 12 38 23.0 | iSg 38 26.0, Lm 38 28. D=26km. 0.06s 0.07 μ . |
| 7 | e | 08 40 49 | |
| 7 | i | 12 32 37 | Lm 32 38.5. |
| 7 | eiSg | 17 02 12.3 | L 02 16.8, Lm 02 19.5. 1s 0.02 μ . |
| 8 | eiPg | 09 17 09.7 | eiSg 17 13.7, Lm 17 18. 0.8s 0.03 μ . |
| 8 | eiPg | 12 41 04.5 | eiSg 41 09.5, Lm 41 13.5. D=43km. 1s 0.07 μ . |
| 8 | i | 12 48 47 | i 48 49, Lm 48 51. 1s 0.07 μ . |
| 8 | eiPg | 16 41 38.9 | i 41 40.8, iSg 41 43.4, L 41 48, Lm 41 51. D=39 km. 1s 0.09 μ . |
| 9 | e | 10 00 05 | eiSg 00 07.5, L 00 11.5, Lm 00 15. 1s 0.03 μ . |
| 9 | eiPg | 13 05 11.4 | eiSg 05 13.1, Lm 05 14. D=15km. 0.7s 0.1 μ . |
| 10 | ei | 16 28 22.6 | ei 28 24.1, eiSg 28 27.1, Lm 28 35. 1s 0.03 μ . |
| 10 | eiPg | 11 57 13 | eiSg 57 21, Lm 57 25. D=68km. 1s 0.02 μ . |
| 10 | eiPg | 12 08 33.5 | iSg 08 37, Lm 08 40.5. D=30km. 0.5s 0.06 μ . |
| 10 | ei | 21 35 32.5 | Lm 35 40. 1s 0.01 μ . |
| 11 | eiPg | 09 39 20.5 | eiSg 39 26. D=47km. |
| 13 | e | 09 42 30 | Lm 42 33.5. |
| 13 | e | 11 27 03 | Lm 27 07. 1s 0.01 μ . |
| 13 | e | 12 22 37 | Lm 22 38.5. |
| 13 | e | 23 37 31 | Lm 37 39. 1s 0.01 μ . |
| 14 | eiPg | 13 08 10.5 | eiSg 08 13, Lm 08 15, D=22km. 0.5s 0.03 μ . |
| 14 | iPg | 13 12 21.5 | iSg 12 24.5, Lm 12 26.5. D=25km. 1s 0.09 μ . |
| 14 | iPg | 15 13 13.9 | iSg 13 17.4. D=29km. |
| 14 | eiSg | 15 43 18 | Lm 43 22. 1s 0.01 μ . |
| 14 | ePg | 17 34 04 | eiSg 34 08.5, ei 34 11, Lm 34 15.5. D=39km. 1s 0.03 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 15 | ei | 00 04 37 | Lm 04 44. 1s 0.01 μ . |
| 16 | ei | 09 50 49 | Lm 50 52. 1s 0.03 μ . |
| 16 | ei | 12 44 39 | eiSg 44 46.5. |
| 16 | iPg | 12 47 38 | iSg 47 41.5, Lm 47 43. D=29km. 0.8s 0.13 μ . |
| 16 | eiSg | 15 23 30.5 | Lm 23 38. 1s 0.01 μ . |
| 16 | ei | 18 14 59.7 | iSg 15 02.2, L 15 06, Lm 15 10. 1s 0.04 μ . |
| 17 | i | 09 27 06 | ei 27 09. |
| 17 | iPg | 10 02 44.5 | iSg 02 45.5, Lm 02 46. D=8km. |
| 18 | eiPg | 08 04 18.5 | eSg 04 23, Lm 04 26. D=39km. |
| 18 | eiPg | 09 08 05.2 | Lm 08 12. 1s 0.03 μ . |
| 18 | ei | 11 23 50 | Lm 23 55. 1s 0.01 μ . |
| 19 | eiPg | 02 38 40 | i 38 41.5, iSg 38 44.5, L 38 48.5, Lm 38 50.5, D=39km. 1s 0.03 μ . |
| 20 | e | 08 54 10.5 | Lm 54 13.5. |
| 20 | eiPg | 09 25 50 | eiSg 25 53. Lm 25 56.5. 1s 0.08 μ . |
| 20 | e | 10 52 26 | Lm 52 31. 1s 0.01 μ . |
| 20 | e | 15 58 10 | Lm 58 15. 1s 0.01 μ . |
| 20 | e | 19 54 45 | Lm 54 51. |
| 21 | e | 08 25 31.5 | eiSg 25 45.5. |
| 21 | eSg | 12 45 56 | |
| 21 | eiPg | 13 06 20 | eSg 06 22, Lm 06 24. D=17 km. 0.5s 0.2 μ . |
| 22 | i | 09 10 25 | Lm 10 27.5. 0.6s 0.03 μ . |
| 22 | e | 11 02 20 | eSg 02 35, Lm 02 39. |
| 22 | ei | 11 32 33 | Lm 32 41 1s 0.01 μ . |
| 22 | ei | 12 37 02 | eiSg 37 06.5, Lm 37 11. 1s 0.13 μ . |
| 22 | ei | 15 51 40 | i 51 43. |
| 23 | e | 09 04 47 | iSg 04 50.9, Lm 04 54. 0.6s 0.03 μ . |
| 23 | e | 10 15 32 | Lm 15 35. |
| 23 | iPg | 11 28 39.8 | iSg 28 41.3, Lm 28 42. D=13km. 0.4s 0.25 μ . |
| 23 | ei | 11 56 05.4 | ei 56 09.4, Lm 56 16. 1s 0.03 |
| 23 | eiPg | 12 37 28.9 | eiSg 37 33.4. D=39km. |
| 24 | ei | 03 49 36.6 | Lm 49 44. 1s 0.01 μ . |
| 25 | e | 12 37 41 | Lm 37 48. 1s 0.01 μ . |
| 26 | ei | 11 10 37 | iSg 10 40, Lm 10 47.5. 1s 0.03 μ . |
| 27 | ePg | 10 29 33.5 | eSg 29 41, Lm 29 47. D=63km. 1s 0.01 μ . |
| 27 | eiSg | 12 27 46 | Lm 27 54. 1s 0.03 μ . |
| 28 | e | 09 13 43 | eiSg 13 45.5. |
| 28 | ePg | 17 08 21.5 | ei 08 23.5, eiSg 08 26, eL 08 29, Lm 08 34. D=39km. 1s 0.05 μ . |
| 28 | eiPg | 12 26 21.5 | eiSg 26 23.5, Lm 26 26. 0.5s 0.1 μ . |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 29 | ePg | 11 31 33 | eiSg 31 37.5, Lm 31 44. D=39km. 1s 0.04 μ . |
| 29 | e | 13 27 04 | Lm 27 06. |
| 29 | e | 13 57 16 | iSg 57 24.5, Lm 57 29. 1s 0.02 μ . |
| 30 | e | 11 58 09 | ei 58 17, iSg 58 21.8, Lm 58 24. 1s 0.06 μ . |
| 31 | e | 14 55 20.5 | Lm 55 38. |

Seismic observations of the station Praha

July - December 1965

J.Janský

Instruments:

I = Seismograph Wiechert, mass 1000kg, air damping, components N,E, mechanic registration.

II = Seismograph Kirnos, components N, E, Z, galvanometric registration.

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

Elevation: h = 225 m.

Lithologic foundation: Ordovician (Zahořany layers).

July 1965

Praha

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 1 | eP | 17 53 14 | Kurile Islands. Dc = 75.7°. |
| 1 | ePKIKP ePKP2 ePP Lm | 23 32 45 33 51 37 41 00 56 | South Pacific Cordillera. MLH = 6.0 Praha. Dc = 166.9°. LmH: 17s 2.4 μ , LmV: 18s 3 μ . |
| 2 | Lm | 17 00 23 | Explosion of 14.3 tons. Dc = 3.3°. |
| 2 | iPcP | 20 31 43.6 | Aleutian Islands. Dc = 77.0°. |
| 2 | iP ePcP ePP ePPP eS eSKS ePS ePPS Qm Rm | 21 10 29.7 10 38 13 25 15 14 20 12 20 33 20 47 21 23 38 50 | C.S. Aleutian Islands. MSH = 6.8, MLH = 6.7 Praha. D = 76.6°, Dc = 77.3°. SH: 10s 8.5 μ , RmH: 19s 28 μ , RmV: 21s 55 μ . |
| 3 | eP e eS Lm | 02 28 13 28 49 33 04 39 | North Atlantic Ocean. MLH = 5.2 Praha. Dc = 28.7°. LmH: 12s 3.6 μ , LmV: 14s 2.4 μ . |
| 3 | iP e Lm | 11 37 30.9 38 07 12 11 | Burma-China. MLH = 5.7 Praha. Dc = 71.2°. LmH: 12s 2.9 μ , LmV: 12s 2.7 μ . |
| 5 | eP ePP Lm | 08 38 03 39 00 51 | North Atlantic Ocean. MLH = 5.1 Praha. Dc = 30.0°. LmH: 11s 2.5 μ , LmV: 13s 3.9 μ . |
| 5 | eSg | 19 38 32 | Austria. Dc = 3.2°. |
| 6 | eiP ePPP eS Rm | 03 21 44.7 22 38 24 15 29 | D.S.E. Greece. MLH = 6.1 Praha. D = 12.3°, Dc = 13.0°. RmH: 8s 89 μ , RmV: 7 s 42 μ . |
| 6 | eP | 04 20 38 | Kurile Islands. Dc = 77.0°. |
| 6 | eP | 05 10 17 | Kamchatka. Dc = 72.0°. |
| 6 | eiPKIKP epPKIKP ePP e Lm | 18 54 47.7 56 10 56 37 58 10 19 32 | Solomon Islands. Dc = 123.8°. |
| 7 | eiP | 21 50 57.5 | Japan. Dc = 84.0°. |

| Date | Phase | h m s | Remarks |
|------|-----------------------------|-------------------------------------|--|
| 7 | ePP | 23 17 15 | Sunda Strait. Dc = 95.9°. |
| 8 | iP Lm | 00 18 57.3 30 | Jan Mayen Island. Dc = 23.0°. |
| 8 | iPKIKP | 13 23 37.5 | Fiji Islands. Dc = 144.1°. |
| 8 | ePKIKP | 16 26 58 | Tonga Islands. Dc = 145.2°. |
| 8 | eiPg eiSg Lm | 23 21 06.1 21 48.5 22 32 | Austria. Dc = 3.4°. |
| 8 | i ei | 23 30 05.5 30 37.5 | Austria. Dc = 2.3°. |
| 9 | ePg eiSg eL | 22 49 37 50 08 50 19 | Austria. Dc = 2.7°. |
| 10 | Lm | 05 15 | Kamchatka. Dc = 71.8°. |
| 10 | e | 06 37 48 | |
| 10 | iP | 08 13 41.5 | Crete. Dc = 16.7°. |
| 10 | eP | 13 04 16 | Kurile Islands. Dc = 77.9°. |
| 11 | ei | 09 53 37 | |
| 12 | ePKP | 05 53 52 | Samoa Islands. Dc = 146.0°. |
| 13 | Lm | 14 29 | Turkey. Dc = 15.7°. |
| 13 | ePKIKP | 20 04 53 | West of Tonga. Dc = 149.9°. |
| 14 | ei | 11 29 29 | |
| 14 | e | 14 03 38 | |
| 14 | iP | 18 07 50.5 | Aleutian Islands. Dc = 77.7°. |
| 15 | eP ePP | 18 45 59 50 04 | Philippine Islands. Dc = 96.3°. |
| 17 | ePKIKP ePP ePKS Lm | 07 39 43 42 00 43 10 08 41 | Solomon Islands. MLH = 6.0 Praha. Dc = 130.7°. LmH: 20s 3.2 μ, LmV: 20s 2.0 μ. |
| 17 | eL | 08 43 58 | Yugoslavie. Dc = 3.9°. |
| 17 | e | 08 56 22 | |

| Date | Phase | h m s | Remarks |
|------|--------------------------------|-------------------------------------|--|
| 17 | e | 10 11 08 | |
| 17 | ePKIKP ePKP2 ePKKP Lm | 13 19 06 19 31 27 30 14 33 | Kermadec Islands. Dc = 155.4°. |
| 17 | e | 18 49 32 | |
| 18 | e | 05 30 38 | |
| 18 | eP Lm | 22 26 59 23 05 | C. Kurile Islands. MLH = 5.1 Praha. Dc = 77.8°. LmH: 15s 0.8 μ, LmV: 1.5 μ. |
| 19 | eP | 04 25 34 | Venezuela. Dc = 79.7°. |
| 19 | ei | 05 52 13.5 | |
| 19 | e | 22 09 09 | |
| 20 | eP | 11 31 39 | Kurile Islands. Dc = 76.1°. |
| 20 | e | 12 40 52 | |
| 20 | eP Lm | 13 31 56 14 19 | Philippine Islands. MLH = 5.4 Praha. Dc = 96.6°. LmH: 15s 0.9 μ, LmV: 15s 1.2 μ. |
| 20 | e | 14 04 52 | |
| 20 | e | 18 11 56 | |
| 21 | ePKIKP ePKP2 Lm | 03 11 24 11 30 04 17 | Tonga Islands. MLH = 6.0 Praha. Dc = 149.8°. LmH: 22s 3.5 μ, LmV: 5.0 μ. |
| 21 | eP ePP Lm | 18 04 12 07 00 48 | Aleutian Islands. MLH = 5.1 Praha. Dc = 75.0°. LmH: 14s 0.8 μ, LmV: 14s 1.2 μ. |
| 22 | e | 12 53 15 | |
| 23 | e | 11 00 18 | |
| 23 | e | 12 39 57 | |
| 23 | eL Lm | 13 00 22 00 26 | Explosion of 15 tons. Dc = 125 km. |
| 23 | e eSg | 23 54 48 54 54 | Austria. Dc = 2.3°. |
| 25 | eP | 08 56 42 | California. Dc = 82.6°. |

| Date | Phase | h m s | Remarks |
|------|------------------------------|--|---|
| 25 | eP ePP e Lm | 13 45 13 48 19 55 28 14 24 | D. Japan. MLH = 5.8 Praha. Dc = 79.9°. LmH: 16s 2.8 μ , LmV: 16s 3.4 μ . |
| 25 | eP ePPS Lm | 21 58 40 22 09 34 41 | Aleutian Islands. MLH = 5.5 Praha. Dc = 77.6°. LmH: 15s 1.6 μ , LmV: 16s 2.3 μ . |
| 26 | ePKIKP | 11 01 20 | Samoa Islands. Dc = 145.7°. |
| 26 | ePKIKP | 15 43 24 | C. Samoa Islands. Dc = 145.6°. |
| 28 | eP ePP | 22 41 55 45 28 | Sumatra. Dc = 90.1°. |
| 29 | eP ePP eS ePS Lm | 08 41 27 44 32 51 30 52 24 09 21 | D. Aleutian Islands. MSH = 7.4, MLH = 7.1 Praha, D = 80°, Dc = 79.1°. LmH: 18s 57 μ , LmV: 20s 52 μ , SH: 7s 29 μ . |
| 29 | eP | 12 32 27 | Aleutian Islands. Dc = 79.3°. |
| 29 | e | 13 57 15 | |
| 29 | e | 14 33 52 | |
| 29 | e | 18 46 29 | |
| 31 | ei | 03 41 34.5 | |
| 31 | Lm | 08 31 | Japan. MLH = 5.7 Praha. Dc = 82.7°. LmH: 13s 2.2 μ , LmV: 13s 3.0 μ . |
| 31 | eL | 13 00 45 | Explosion of 14 tons. Dc = 93 km. |
| 31 | e | 14 40 25 | |
| 31 | e | 17 15 37 | |

| Date | Phase | h m s | Remarks |
|------|------------------------------------|--|--|
| 1 | eP epP e | 15 13 50 15 20 16 30 | Sakhalin Island. Dc = 74.0°. |
| 1 | e | 16 26 21 | |
| 1 | eP | 16 51 51 | Kurile Islands. Dc = 71.9°. |
| 1 | Lm | 20 46 | Tibet. Dc = 58.8°. |
| 2 | eiPKIKP eiPKP2 esPKP2 ePP | 00 04 20.8 05 03 05 21 08 40 | Kermadec Islands. Dc = 159.8°. |
| 2 | ePKP e ePP ePPP Lm | 13 39 53 40 02 44 15 47 51 15 09 | Macquarie Island. MLH = 6.8 Praha. Dc = 157.3°. LmH: 20s 29 μ , LmV: 21s 29 μ . |
| 2 | eP | 14 47 05 | Panama. Dc = 86.4°. |
| 2 | eP Lm | 16 55 56 17 28 | Panama. MLH = 5.7 Praha. Dc = 86.4°. LmH: 23s 3.3 μ , LmV: 20 s 2.0 μ . |
| 2 | eP | 19 20 39 | Panama. Dc = 86.3°. |
| 2 | eP | 20 56 12 | Panama. Dc = 86.3°. |
| 4 | e eL | 11 52 08 54 43 | Italy. Dc = 6.3°. |
| 4 | ei | 12 30 18.2 | |
| 4 | e | 13 15 16 | |
| 5 | ePKIKP ePP Lm | 00 26 44 28 25 01 27 | New Britain. MLH = 6.2 Praha. Dc = 122.7°. LmH: 20s 5.4 μ , LmV: 19s 5.2 μ . |
| 5 | ei | 12 43 10.6 | |
| 5 | ei | 12 52 08.5 | |
| 6 | iP eS Lm | 02 08 32.1 16 34 34 | Central Mid-Atlantic Ridge. MLH = 5.0 Praha. Dc = 58.1°. LmH: 12s 0.7 μ , LmV: 11s 0.5 μ . |
| 6 | eP | 18 25 49 | Japan. Dc = 73.5°. |
| 8 | eP | 05 31 14 | Aleutian Islands. Dc = 76.4°. |
| 9 | e | 08 00 08 | |

| Date | Phase | h m s | Remarks |
|------|---|---|---|
| 9 | eP | 09 18 15 | Ascension Island. Dc = 59.5°. |
| 10 | e | 09 37 39 | |
| 11 | ePKIKP ei ePP ePKS e ePPP eSKKKS ePPS eSS Lm | 04 00 10 00 42.5 03 19 04 00 05 34 06 31 10 30 15 39 21 36 05 00 | New Hebrides. MLH = 6.9 Praha. D = 143°, Dc = 138.9°. LmH: 24s 32 μ, LmV: 24s 71 μ. |
| 11 | eP esP eS Lm | 18 40 48 40 55 50 00 19 28.5 | Gulf of Alaska. MLH = 5.1 Praha. Dc = = 69.8°. LmH: 12s 0.7 μ, LmV: 13s 0.9 μ. |
| 11 | ePKIKP ePP eSKP ePPS eSS Lm | 20 11 53 14 50 15 34 27 35 33 15 21 14.5 | New Hebrides. Dc = 139.1°. |
| 11 | ePKIKP eSKP | 20 33 22 37 02 | New Hebrides. Dc = 139.2°. |
| 11 | ePKHKP ePKIKP epPKIKP ePKS Lm | 22 51 06 51 16 51 27 55 07 00 56.5 | New Hebrides. MLH = 7.4 Praha. Dc = = 139.3°. LmH: 19s 80 μ, LmV: 19s 84 μ. |
| 12 | e | 03 51 57 | |
| 12 | ePKHKP ePKIKP ePP ePKS eSKS e eSS Lm | 08 21 05 21 11 24 05 24 43 28 07 36 29 42 23 09 20 | New Hebrides. MLH = 6.7 Praha. D = 140°, Dc = 139.5°. LmH: 22s 16 μ, LmV: 24s 11 μ. |
| 12 | e | 12 35 22 | |
| 12 | e | 12 51 02 | |
| 12 | ePKIKP epPKIKP ePP ePS Lm | 13 16 03 16 16 17 43 27 35 14 13 | New Britain. MLH = 6.8 Praha. Dc = = 123.0°. LmH: 19s 19 μ, LmV: 19s 32 μ. |

| Date | Phase | h m s | Remarks |
|------|---|--|--|
| 12 | ePKIKP ePP Lm | 18 24 22 27 10 19 25 | New Hebrides. Dc = 139.5°. |
| 13 | ePKIKP ePP | 05 00 20 03 15 | New Hebrides. Dc = 139.5°. |
| 13 | ePKIKP ePP | 11 44 20 47 14 | New Hebrides. Dc = 139.3°. |
| 13 | ePKHKP ePKIKP ePKS eSS Lm | 12 59 43 59 57 13 03 36 21 15 57 | New Hebrides. MLH = 7.2 Praha. Dc = = 139.3°. LmH: 20s 47 μ, LmV: 22s 52 μ. |
| 13 | e e Lm | 18 16 06 21 09 19 17 | New Hebrides. MLH: 6.2 Praha. Dc = = 140.2°. LmH: 20s 4.8 μ, LmV: 20 s 7.0 μ. |
| 13 | Lm | 23 15 | New Britain. Dc = 122.1°. |
| 14 | iPKIKP ePKS Lm | 11 27 13.5 30 49 12 28 | New Hebrides. Dc = 139.0°. |
| 16 | eS Lm | 04 50 00 57 | North Atlantic Ridge. Dc = 39.0°. |
| 16 | iP | 12 29 38.5 | Colombia. Dc = 87.4°. |
| 16 | eP | 12 32 23 | Colombia. Dc = 87.5°. |
| 16 | e | 12 38 12 | |
| 16 | iP e e eS ePS e eSS eSSS Lm | 12 46 16.9 46 25 49 37 54 24 54 37 56 38 58 11 13 00 27 17 | C.N.E. Central Mid-Atlantic Ridge. MLH = = 6.0 Praha. D = 59°, Dc = 58.3°. LmH: 12s 8.1 μ, LmV: 11s 8.6 μ. |
| 16 | eP eS Lm | 20 00 36 06 36 15 | North Atlantic Ridge. Dc = 38.6°. |
| 17 | eP e ePP eS ePS ePPS eSS Lm | 10 47 15.9 47 56 50 10 57 22 58 18 58 47 11 02 41 28 | Sumatra. MLH = 5.9 Praha. D = 82°, Dc = = 80.7°. LmH: 16s 3.7 μ, LmV: 16s 1.7 μ. |

| Date | Phase | h m s | Remarks |
|------|---|---|--|
| 17 | ePKIKP ePKP2 | 22 38 26 38 36 | Loyalty Islands. Dc = 144.0°. |
| 18 | e | 10 59 21 | |
| 18 | ePKP2 | 14 34 22 | Tonga Islands. Dc = 152.2°. |
| 18 | ePKIKP e epPKIKP | 14 48 42 48 49 49 12 | Tonga Islands. Dc = 152.0°. |
| 18 | ePKIKP ePKS Lm | 15 11 01 14 43 16 25 | New Hebrides. Dc = 139.4°. |
| 19 | ePg eSn eSg | 19 15 40 16 08 16 26 | Italy. Dc = 4.0°. |
| 19 | eSg | 19 43 58 | Austria. Dc = 4.0°. |
| 20 | eP e e ePP e e eSKS e e eSP ePS ePPS e eSS Lm | 06 08 45 12 08 12 54 13 15 14 53 15 37 18 51 19 50 20 31 21 58 22 22 23 02 24 05 25 37 28 09 07 00 | Banda Sea. Dc = 109.8°. |
| 20 | e eSKS eS eSP | 10 00 24 06 53 07 50 09 17 | Chile-Bolivie. Dc = 100.0°. |
| 20 | ePKP1 e | 21 41 39 42 09 | Fiji Islands. Dc = 151.7°. |
| 21 | e | 07 00 01 | |
| 21 | e | 09 35 13 | |
| 23 | eP e Lm | 14 11 57 14 24 16 23 | Turkey. MLH = 5.6 Praha. Dc = 12.6°. LmH: 7s 22 μ . |

| Date | Phase | h m s | Remarks |
|------|--|---|---|
| 23 | eP e ePP eSKKS eS ePS ePPS Lm | 19 59 03 59 07 20 02 37 09 37 09 51 10 13 10 35 40 | Mexico. MLH = 7.7 Praha. D = 88°, Dc = 90.0°. LmH: 18s 280 μ . |
| 24 | ePKP1 epPKP1 | 07 26 08 27 16 | West of Tonga. Dc = 150.4°. |
| 24 | e | 12 58 37 | |
| 24 | eP eS Lm | 13 23 39 32 44 14 00 | Gulf of Alaska. Dc = 69.8°. |
| 24 | e | 17 54 39 | |
| 25 | Lm | 00 06 | Turkey. MLH = 4.6 Praha. Dc = 12.5°. LmH: 10s 2.8 μ . |
| 25 | iP e e Lm | 05 01 47.8 03 45 05 03 09 | Crete. MLH = 4.5 Praha. Dc = 17.2°. LMH: 10s 1.4 μ . |
| 27 | Lm | 13 59 18 | Explosion of 17.5 tons. Dc = 105 km. |
| 27 | eP | 18 34 00 | Kurile Islands. Dc = 77.9°. |
| 29 | Lm | 14 07 | New Hebrides. Dc = 139.4°. |
| 29 | iPKP1 e | 14 15 58.9 16 22 | West of Tonga. Dc = 146.0°. |
| 30 | ePP | 03 54 34 | New Hebrides. Dc = 140.4°. |
| 30 | e | 12 38 26 | |
| 31 | iP ePP ePPP e e eS eSS Lm | 07 34 37.7 35 06 35 16 35 37 36 04 38 43 39 12 45 | D. E. Turkey. MLH = 5.4 Praha. D = 22°, Dc = 21.5°. LmH: 11s 8.3 μ . |
| 31 | eP | 08 00 50 | Japan. Dc = 77.2°. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 1 | ei | 12 01 37.5 | |
| 2 | ei | 12 00 47.5 | |
| 2 | e | 13 58 44 | |
| 3 | e | 12 34 08 | |
| 4 | eP | 08 00 44 | Aleutian Islands. Dc = 78.1°. |
| 4 | Lm | 11 10 | Kurile Islands. MLH = 6.0 Praha. Dc = 77.4°. LmH: 17s 6.3 μ. |
| 4 | eP | 14 44 10 | Kodiak Island. MSH = 7.0, MLH = 6.8 Praha. D = 74.5°, Dc = 71.5°. SH: 9s 14 μ, LmH: 19s 49 μ. |
| | e | 44 30 | |
| | ePP | 46 45 | |
| | ePPP | 48 43 | |
| | eS | 53 34 | |
| | ePS | 54 12 | |
| | ePPS | 54 31 | |
| | eSS | 58 30 | |
| | Lm | 15 18 | |
| 6 | Lm | 04 09 | Taiwan. Dc = 84.1°. |
| 7 | e | 12 20 18 | |
| 8 | eP | 03 37 46 | Kodiak Island. Dc = 72.2°. |
| | e | 37 54 | |
| | Lm | 04 20 | |
| 8 | Lm | 10 00 09 | Explosion of 9.7 tons. Dc = 45 km. |
| 8 | e | 10 49 33 | |
| 9 | e | 10 18 56 | Central America. MLH = 6.0 Praha. Dc = 90.8°. LmH: 19s 6.6 μ. |
| | eSKS | 26 05 | |
| | eS | 26 31 | |
| | Lm | 50 | |
| 9 | e | 12 57 33 | |
| 10 | e | 07 00 27 | |
| 10 | e | 10 59 31 | |
| 10 | e | 11 19 03 | |
| 10 | eP | 15 13 41 | Japan. Dc = 77.4°. |

| Date | Phase | h m s | Remarks |
|------|--------|----------|---|
| 11 | ePKIKP | 07 11 55 | New Ireland. MLH = 6.2 Praha. Dc = 123.5°. LmH: 19s 5.3 μ. |
| | e | 12 32 | |
| | eSKS | 18 55 | |
| | e | 19 15 | |
| | ePKKP | 21 44 | |
| | ePS | 23 30 | |
| | e | 24 20 | |
| | e | 25 35 | |
| | e | 29 08 | |
| | Lm | 08 07.5 | |
| 12 | e | 00 10 27 | |
| 12 | e | 05 14 34 | |
| | eSS | 15 32 | |
| | Lm | 16 | |
| 12 | ePKIKP | 08 59 09 | New Britain. MLH = 6.1 Praha. Dc = 123.7°. LmH: 20s 4.5 μ. |
| | eSKKS | 09 07 47 | |
| | ePS | 10 50 | |
| | ePKKS | 12 39 | |
| | eSS | 17 30 | |
| | Lm | 54 | |
| 12 | eP | 22 14 11 | D.S.E. Chagos Archipelago. MSH = 6.3, MLH = 5.8 Praha. D = 74.3°, Dc = 74.4°. SH: 8.5s 2.1 μ, LmH: 14s 3.1 μ. |
| | ePcP | 14 26 | |
| | ePP | 17 05 | |
| | eS | 23 45 | |
| | ePS | 24 18 | |
| | eSS | 28 30 | |
| | Lm | 50 | |
| 13 | eP | 13 19 14 | Komandorsky Island. MLH = 5.9 Praha. D = 72°, Dc = 72.3°. LmH: 16s 5.2 μ, LmV: 18s 3.0 μ. |
| | ePcP | 19 21 | |
| | e | 19 28 | |
| | e | 20 44 | |
| | ePP | 21 56 | |
| | ePPP | 23 52 | |
| | ePcS | 24 05 | |
| | eS | 28 37 | |
| | ePPS | 29 26 | |
| | Lm | 55 | |
| 14 | eP | 08 40 47 | |
| | eSKS | 51 27 | |
| | eS | 52 07 | |
| | Lm | 09 30 | |
| 15 | e | 12 19 35 | |
| 15 | e | 23 14 36 | |
| 16 | eP | 04 22 48 | California. Dc = 83.4°. |
| 16 | e | 12 40 31 | |
| 16 | e | 13 40 30 | |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 16 | iP epP esP ePP | 14 03 33.0 04 15 04 32 07 37 | C. Philippine Islands. Dc = 98.4°. |
| 16 | ePKP1 | 16 39 09 | West of Tonga. Dc = 149.2°. |
| 17 | e | 09 59 07 | Explosion of 8 tons. Dc = 37 km. |
| 17 | iP epP epPP eSKS eS eSP Lm | 11 26 48.5 27 36 31 14 37 04 37 38 38 36 12 02 | Ecuador. Dc = 92.4°. LmH: 17s 2.7 μ , LmV: 15s 2.7 μ . |
| 17 | e | 12 20 28 | Explosion of 8 tons. Dc = 37 km. |
| 17 | eP | 13 11 36 | Japan. Dc = 82.1°. |
| 17 | eP epP Lm | 13 33 17 33 28 53 | Japan. MLH = 5.5 Praha. Dc = 82.0°. LmH: 13s 1.6 μ , LmV: 14s 3.0 μ . |
| 18 | Lm | 21 35 | Gulf of Alaska. Dc = 69.7°. |
| 18 | Lm | 23 09 | Philippine Islands. Dc = 97.7°. |
| 19 | ePKP | 01 46 46 | Tonga Islands. Dc = 151.4°. |
| 21 | e | 01 19 55 | |
| 21 | eP epP epPP ePP eS ePS Lm | 01 50 31 53 42 54 37 55 50 02 00 27 01 49 30 | D.E. Ryukyu Islands. MPV = 6.6, MPH = 6.4, MSH = 6.1, MLH = 6.1 Praha. Dc = 81.9°. PV: 5s 8 μ , PH: 5s 2.0 μ , SH: 12s 3 μ , LmV: 13s 9 μ , LmH: 13s 6.5 μ . |
| 21 | e | 03 35 10 | North Atlantic Ocean. Dc = 45.0°. |
| 22 | Lm | 05 10 | Burma. MLH = 5.5 Praha. Dc = 71.1°. LmH: 14s 2.0 μ , LmV: 14s 3.4 μ . |
| 22 | e Lm• | 13 02 10 42 | Japan. MLH = 5.6 Praha. Dc = 81.3°. LmH: 15s 2.5 μ , LmV: 17s 2.7 μ . |
| 22 | ePKIKP | 20 20 38 | New Britain. Dc = 122.7°. |
| 22 | iP epP epP eS e Lm | 22 20 18.8 20 32 23 26 30 30 30 52 23 01 | C. Japan. MPV = 6.8, MLH = 6.6 Praha. D = 83.6°, Dc = 82.0°. PV: 4s 2.9 μ , LmH: 14s 15 μ , LmV: 14s 20 μ . |

| Date | Phase | h m s | Remarks |
|------|--------------------------------------|--|---|
| 23 | e | 13 38 35 | |
| 24 | e | 10 01 23 | |
| 25 | e | 09 09 08 | |
| 25 | e | 09 30 30 | |
| 25 | eP Lm | 14 49 23 15 30 | Japan. MLH = 5.7 Praha. Dc = 80.0°. LmH: 13s 2.4 μ , LmV: 13s 2.7 μ . |
| 25 | eP | 14 54 35 | Japan. Dc = 80.1°. |
| 25 | eP | 15 05 43 | Japan. Dc = 80.0°. |
| 25 | eP esP Lm | 15 55 50 55 55 16 15 | Kirgiziya. MLH = 5.3 Praha. Dc = 42.1°. LmH: 10s 1.3 μ , LmV: 10s 1.9 μ . |
| 25 | eP Lm | 20 16 20 28 | North Atlantic Ocean. MLH = 5.0 Praha. Dc = 30.4°. LmH: 20s 3.7 μ , LmV: 20s 5.3 μ . |
| 26 | Lm | 10 22 | North Atlantic Ocean. MLH = 4.8 Praha. Dc = 30.3°. LmH: 14s 1.7 μ , LmV: 13e 2.1 μ . |
| 26 | e | 17 52 43 | |
| 26 | ePP Lm | 21 53 22 22 39 | Georgia Island. Dc = 113.3°. |
| 27 | e | 12 02 10 | |
| 27 | e | 12 39 25 | |
| 28 | ePKIKP ePKP2 ePP eSKS Lm | 05 26 36 27 08 30 33 33 25 06 33 | Kermadec Islands. MLH = 6.4 Praha. Dc = = 156.0°. LmH: 22s 11 μ , LmV: 23s 13 μ . |
| 29 | e | 12 11 50 | |
| 29 | e | 12 19 19 | |
| 29 | iP epP epP eS Lm | 23 26 15.5 26 23 27 10 31 14 38 | North Atlantic Ridge. MLH = 4.9 Praha. D = 30°, Dc = 28.8°. LmH: 15s 2.1 μ , LmV: 14s 2.4 μ . |
| 30 | e e e eSP | 23 59 06 59 24 00 41 08 16 | Gulf of Alaska. MLH = 5.6 Praha. Dc = = 69.4°. LmH: 12s 2.3 μ , LmV: 12s 3.3 μ . |

| Date | Phase | h m s | Remarks |
|------|---|---|--|
| 1 | iP e ePP e ePPP eS e eSS Lm | 09 04 10.6 04 39 07 10 07 40 09 00 14 12 14 25 19 22 37 | D. Aleutian Islands. MPV = 7.1, MPH = 6.8, MPPH = 6.9, MLH = 6.4 Praha. D = 78°, Dc = 79.3°. PV: 8s 11 μ, PH: 8 s 2.8 μ, PPH: 7s 2.5 μ, PPV: 7s 5.5 μ, LmH: 24s 2.5 μ, LmV: 20s 8 μ. |
| 1 | ePKIKP epPKP2 eSKP ePP | 13 41 07 43 15 44 10 44 40 | New Hebrides. Dc = 146.0°. |
| 2 | e | 08 55 20 | Explosion of 6.3 tons. Dc = 63 km. |
| 3 | e | 05 25 42 | Atlantic-Indian Ridge. Dc = 92.7°. |
| 5 | e | 11 57 20 | |
| 6 | e | 07 09 33 | e 09 37. |
| 6 | e | 15 18 20 | |
| 6 | eP | 18 43 13 | Iceland. Dc = 24.2°. |
| 6 | eP | 19 55 05 | Indian Ocean. Dc = 89.5°. |
| 7 | ePKP | 01 28 55 | Tonga Islands. Dc = 150.8°. |
| 7 | eP e eS ePS Lm | 03 48 45 51 54 59 27 04 00 27 30 | C. China Sea. MLH = 5.8 Praha. D = 86°, Dc = 86.9°. LmH: 16s 3.2 μ, LmV: 16s 4.3 μ. |
| 7 | e | 18 28 31 | |
| 8 | e | 12 03 28 | |
| 8 | eP | 16 44 29 | Aleutian Islands. Dc = 78.5°. |
| 8 | e | 22 06 38 | |
| 8 | ePKP2 | 22 20 09 | Fiji Islands. Dc = 154.2°. |
| 11 | e | 12 39 21 | e 39 26. |
| 12 | ePKP1 | 07 47 22 | Loyalty Islands. Dc = 147.1°. |
| 12 | eP eS Lm | 13 52 33 14 02 03 35 | Kodiak Island. MPV = 6.3, MLH = 5.5 Praha. Dc = 73.6°. PV: 4s 0.9 μ, LmH: 15s 1.7 μ, LmV: 16s 1.9 μ. |
| 13 | eP | 03 58 51 | Jan Mayen. Dc = 26.4°. |
| 13 | e | 09 11 54 | |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 13 | e | 13 45 37 | |
| 13 | ePKP1 ePKP2 e | 15 06 07 06 13 06 32 | Loyalty Islands. Dc = 147.1°. |
| 14 | e | 08 59 30 | |
| 14 | e | 10 34 06 | e 34 12. |
| 14 | e | 12 32 42 | |
| 14 | e | 20 35 53 | |
| 15 | e e | 09 15 52 15 54 | Explosion of 5.5 tons. Dc = 12 km. |
| 16 | eP Lm | 20 13 12 52 | Komandorsky Islands. Dc = 71.4°. |
| 16 | Lm | 23 36 | Kamchatka. MLH = 5.7 Praha. Dc = 74.3°. LmH: 14s 2.6 μ, LmV: 14s 4.2 μ. |
| 17 | ePKIKP | 02 12 40 | Solomon Islands. Dc = 127.4°. |
| 17 | ePKIKP | 04 14 49 | Tonga Islands. Dc = 145.0°. |
| 17 | e | 06 46 14 | |
| 18 | e | 12 41 12 | |
| 18 | e | 14 21 38 | |
| 18 | ePP e ePKS eSKS ePPS Lm | 22 08 29 09 43 12 10 14 58 18 50 23 00 | Halmahera. MLH = 6.3 Praha. Dc = 105.1°. LmH: 18s 9.4 μ, LmV: 18s 12 μ. |
| 19 | e | 12 40 25 | |
| 19 | eP ePcP e ePP e ePS ePPS Lm | 21 00 35 00 51 02 09 03 30 03 45 11 07 11 20 36 | Aleutian Islands. MPV = 6.3, MLH = 5.8 Praha. Dc = 76.5°. PV: 4s 1.0 μ, LmH: 22s 5.6 μ, LmV: 22s 8.2 μ. |
| 20 | iP | 11 20 11.5 | Aleutian Islands. Dc = 78.3°. |
| 21 | Lm | 00 41 | Nicaragua. MLH = 5.7 Praha. Dc = 88.0°. LmH: 23s 3.3 μ, LmV: 23s 7.6 μ. |
| 21 | e | 07 12 47 | Explosion of 11 tons. Dc = 32 km. |

| Date | Phase | h m s | Remarks |
|------|-------|----------|-------------------------------------|
| 21 | e | 13 33 25 | |
| 21 | e | 21 09 28 | |
| 23 | e | 10 33 23 | |
| 24 | e | 06 29 22 | Russia. Dc = 5.6°. |
| 24 | e | 12 18 29 | Switzerland. Dc = 6.0°. |
| | ePg | 18 48 | |
| | i | 19 37.7 | |
| | e | 20 07 | |
| | iSg | 20 12.9 | |
| 24 | eP | 18 26 48 | C. Kurile Islands. MPV = 6.4 Praha. |
| | Lm | 19 04 | Dc = 75.4°. PV: 2s 0.6 μ . |
| 25 | e | 00 22 43 | |
| 25 | ePKP | 08 58 09 | Loyalty Islands. Dc = 146.4°. |
| | e | 58 17 | |
| 27 | e | 13 04 26 | |
| 30 | ePKP | 07 17 19 | Tonga Islands. Dc = 146.0°. |
| | e | 17 35 | |

| Date | Phase | h m s | Remarks |
|------|--------|----------|--|
| 1 | e | 13 44 35 | |
| 1 | epPKP2 | 18 24 17 | Fiji Islands. Dc = 151.5°. |
| 3 | eP | 01 51 22 | Peru-Brazil. MSH = 6.4 Praha. Dc = 94.1°. |
| | epP | 53 30 | SH: 9s 4.2 μ . |
| | ePP | 55 18 | |
| | epPP | 57 08 | |
| | e | 02 00 27 | |
| | eSKS | 01 00 | |
| | eS | 01 41 | |
| | eSP | 03 00 | |
| | ePS | 04 26 | |
| | eSS | 08 32 | |
| | e | 11 25 | |
| 3 | Lm | 08 11 | North Atlantic Ocean. MLH = 4.9 Praha. Dc = 28.1°. LmH: 13s 2.2 μ , LmV: 12s 2.0 μ . |
| 3 | e | 12 40 24 | |
| 3 | Lm | 19 43 | Easter Island. Dc = 131.4°. |
| 5 | e | 00 30 37 | e 30 40. |
| 5 | e | 06 55 22 | |
| 5 | e | 09 59 53 | Explosion of 6.7 tons. Dc = 96 km. |
| 5 | e | 12 43 43 | |
| 5 | e | 12 45 21 | |
| 5 | e | 12 47 06 | Explosion of 0.9 tons. Dc = 12 km. |
| 9 | eP | 11 50 08 | Aleutian Islands. Dc = 77.2°. |
| 9 | ePn | 15 36 32 | Italy. Dc = 6.2°. |
| | ePg | 36 58 | |
| | eSn | 37 42 | |
| | e | 38 10 | |
| | e | 38 18 | |
| | eSg | 38 26 | |
| 11 | e | 09 48 32 | |
| 11 | e | 11 55 43 | Switzerland. Dc = 6.0°. |
| 11 | e | 12 44 21 | |
| 12 | eP | 17 26 57 | Japan. Dc = 86.5°. |
| | Lm | 41 | |

| Date | Phase | h m s | Remarks |
|------|------------|-------------|---|
| 12 | eP | 18 05 03 | Japan. MPV = 6.8, MSH = 6.7, MLH = 6.5 Praha. D = 87.3°, Dc = 86.4°. PV: 6s 4.5 μ , SH: 8.5s 4.6 μ , LmH: 13s 16 μ , LmV: 14s 16 μ . |
| | e | 05 43 | |
| | ePP | 08 33 | |
| | eS | 15 42 | |
| | eSS | 21 25 | |
| | eSSS Lm | 24 49 49 | |
| 13 | eP | 04 42 33 | China. MSH = 6.9, MLH = 7.6 Praha. D = 48.3°, Dc = 48.6°. SH: 8.5s, 11 μ , LmH: 7s 180 μ . |
| | ePP | 44 27 | |
| | eS | 49 33 | |
| | ePS | 49 56 | |
| | eSS | 52 59 | |
| | Lm | 05 00 | |
| 13 | ePKP | 07 24 38 | West of Tonga. Dc = 149.4°. |
| 13 | eSg | 11 39 23 | Austria. Dc = 3.8°. |
| 15 | iP | 11 28 40.1 | C.N.E. Central Mid-Atlantic Ridge. MPV = = 6.7, MSH = 6.3, MLH = 5.9 Praha. D = 57°, Dc = 57.5°. PV: 6s 4.0 μ , SH: 9s 2.8 μ , LmH: 12s 5.5 μ , LmV: 11s 6.5 μ . |
| | ePP | 30 43 | |
| | ePPP | 32 06 | |
| | eS | 36 37 | |
| | ePS | 36 44 | |
| | ePPS | 36 54 | |
| | eSS | 40 21 | |
| | eSSS | 42 39 | |
| | Lm | 58 | |
| | 16 | ePP | |
| 16 | eP | 15 33 04 | North Atlantic Ridge. MSH = 6.6 Praha. Dc = 45.5°. SH: 10s 6.5 μ . |
| | eS | 39 52 | |
| 17 | e | 12 19 48 | |
| 18 | ePKP | 20 19 14 | West of Tonga. Dc = 147.3°. |
| | epPKP | 20 58 | |
| | esPKP | 21 40 | |
| | ePP | 22 42 | |
| 18 | iP | 22 09 42.2 | C. Kamchatka. MLH = 5.7 Praha. Dc = 72.6°. LmH: 15s 3.2 μ , LmV: 13s 2.7 μ . |
| | Lm | 37 | |
| 19 | eP | 07 26 12 | Kurile Islands. Dc = 77.9°. |
| 20 | Lm | 09 22 | China. Dc = 48.5°. |
| 21 | eP | 05 05 35 | Kazakhstan. Dc = 39.8°. |
| 21 | ePKIKP | 10 50 14 | Banda Sea. Dc = 111.3°. |
| | ePP | 50 57 | |
| | ePPP | 53 25 | |
| | ePS | 11 00 25 | |
| | ePPS | 01 31 | |
| | e | 06 38 | |

| Date | Phase | h m s | Remarks |
|------|-------|------------|--|
| 22 | eiP | 20 37 28.5 | C. Aleutian Islands. MLH = 5.8 Praha. Dc = 78.3°. LmH: 16s 3.7 μ , LmV: 18s 3.6 μ . |
| | Lm | 21 16 | |
| 23 | e | 01 35 30 | Celebes Sea. Dc = 100.6°. |
| | Lm | 02 20 | |
| 23 | Lm | 03 09 | Aleutian Islands. MLH = 5.7 Praha. Dc = = 78.3°. LmH: 19s 3.4 μ , LmV: 20 s 3.2 μ . |
| 23 | e | 12 41 13 | |
| 25 | e | 01 11 21 | |
| 27 | Lm | 03 56 | Japan. MLH = 5.7 Praha. Dc = 86.4°. LmH: 14s 2.6 μ , LmV: 12s 0.7 μ . |
| 27 | Lm | 13 22 | Solomon Islands. Dc = 130.5°. |
| 27 | e | 21 55 29 | |
| 28 | Lm | 05 04 | Chile. Dc = 121.9°. |
| 28 | iP | 05 29 58.9 | C.N. Dodecanese Islands. MLH = 5.1 Praha. Dc = 16.8°. PV: 6s 14 μ , PN: 4s 9 μ , LmH: 9s 5.6 μ . |
| | eS | 33 08 | |
| | Lm | 36 | |

| Date | Phase | h m s | Remarks |
|------|---------------------------------------|---|---|
| 1 | e | 09 59 23 | |
| 1 | e | 12 39 21 | |
| 2 | ePKIKP | 23 57 52 | Samoa Islands. Dc = 145.0°. |
| 3 | ePKP | 07 04 53 | Tonga Islands. Dc = 149.9°. |
| 3 | e ePP | 21 25 33 27 00 | Hindu Kush. Dc = 41.3°. |
| 4 | eP | 02 23 55 | Aleutian Islands. Dc = 79.2°. |
| 5 | eP ePcP | 18 26 37 26 48 | Aleutian Islands. Dc = 76.2°. |
| 6 | e | 11 22 41 | |
| 6 | Lm | 12 34 | Mexico. MLH = 6.6 Praha. Dc = 94.2°. LmH: 15s 15 μ , LmV: 14s 12 μ . |
| 7 | e | 17 02 12 | |
| 8 | e | 16 41 44 | |
| 8 | ePKP2 | 18 25 56 | New Zealand. Dc = 162.1°. |
| 9 | eP ePP eSKKS eS ePS Lm | 06 20 51 24 31 31 29 31 45 33 13 07 06 | Mexico. MLH = 6.0 Praha. Dc = 91.6°. LmH: 15s 4.7 μ , LmV: 15s 5.5 μ . |
| 9 | ePKIKP ePKP1 epPKP1 | 13 31 24 31 27 33 57 | West of Tonga. Dc = 146.6°. |
| 9 | ePKP1 | 13 44 12 | West of Tonga. Dc = 146.7°. |
| 10 | e | 10 29 26 | Explosion of 17.2 tons. Dc = 62 km. |
| 13 | iP ePP eSKS ePS Lm | 11 04 06.8 04 20 14 10 14 25 41 | C. Kurile Islands. MPV = 7.1, MPH = 6.8, MLH = 6.9 Praha. D = 80°, Dc = 78.1°. PV: 2s 3.4 μ , PH: 3s 1.0 μ , LmH: 14s 5 μ , LmV: 16s 4 μ . |
| 13 | eP Lm | 14 58 08 15 35 | Kurile Islands. MLH = 5.8 Praha. Dc = 78.0°. LmH: 15s 3.6 μ , LmV: 12s 1.1 μ . |
| 13 | eP | 22 49 37 | Kurile Islands. Dc = 78.0°. |
| 13 | eP Lm | 23 05 16 37 | Kurile Islands. Dc = 78.0°. |
| 13 | e | 23 37 33 | |

| Date | Phase | h m s | Remarks |
|------|--|--|---|
| 14 | e | 13 12 20 | |
| 15 | e | 12 00 41 | Explosion. Dc = 169 km. |
| 15 | e | 12 10 41 | Belgium. Dc = 6.8°. |
| 15 | e | 20 06 49 | Yugoslavia. Dc = 4.2°. |
| 15 | iP e ePP ePPP eS e ePS ePPS eSSS Lm | 23 18 16.7 18 33 21 53 23 36 29 04 29 20 30 10 30 45 38 30 52.5 | Panama. MPV = 6.7, MSH = 6.8, MLH = 6.4 Praha, D = 90°, Dc = 88.5°. PV: 6s 2.9 μ , SH: 8s 4.4 μ , LmH: 22s 17 μ , LmV: 20s 16 μ . |
| 16 | e | 12 47 41 | |
| 16 | e | 18 15 02 | |
| 16 | ePKP | 23 25 21 | West of Tonga. Dc = 145.8°. |
| 18 | eP | 08 42 44 | Kurile Islands. Dc = 78.0°. |
| 18 | ePg e | 09 24 20 25 31 | Italy. Dc = 6.0°. |
| 20 | eP ePP e Lm | 00 11 16 11 26 13 42 16.5 | Aegean Sea. MLH = 5.8 Praha. Dc = 12.3°. LmH: 10s 48 μ , LmV: 10s 28 μ . |
| 20 | e | 09 25 48 | |
| 21 | e e | 10 01 53 03 05 | Belgium. Dc = 5.9°. |
| 22 | eP ePcP Qm | 00 40 26 40 35 01 13 | Kamchatka. MLH = 6.0 Praha. Dc = 74.0°. QmH: 17s 6.8 μ . |
| 22 | e | 13 07 09 | |
| 22 | iP ePcP e e ePP eS ePS ePPS e eSS Lm | 19 52 40.4 52 55 53 02 53 21 55 16 20 01 56 02 18 02 40 04 37 06 01 32 | C.S. Kodiak Island. MPV = 7.2, MPH = 6.9, MSH = 6.7, MLH = 5.8 Praha. D = 71°, Dc 71.5°. PV: 3s 4.6 μ , PH: 4s 1.5 μ , SH: 8s 7.1 μ , LmH: 22s 6.0 μ . |

December 1965

Praha

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 23 | eP | 20 58 36 | C. Alaska. Dc = 67.9°. |
| 25 | ePKP | 03 16 32 | West of Tonga. Dc = 146.3°. |
| 25 | ePKP | 19 39 20 | West of Tonga. Dc = 146.3°. |
| 26 | e | 11 10 40 | |
| 28 | e | 17 08 28 | |
| 28 | iP | 20 45 21.5 | Bonin Islands. MLH = 5.8 Praha. Dc = 89.4°. LmH: 15s 2.8 μ , LmV: 15s 4.3 μ . |
| | ePP | 45 33 | |
| | ePP | 48 54 | |
| | esPP | 49 12 | |
| | eS | 56 22 | |
| | Lm | 30 | |
| 30 | eP | 02 18 19 | Unimak Island. Dc = 76.3°. |

Seismic observations of the station Kašperské Hory

July - December 1965

J.Nykles, B.Závorka

Instrument:

Vertical electrodynamic seismograph SVKM-2 (short-period system).

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

Elevation: h = 700 m.

Lithologic foundation: gneiss.

| Instrument | Compt. | T ₁ | T ₂ | D ₁ | D ₂ | σ^2 | T _m | V _m |
|------------|--------|----------------|----------------|----------------|----------------|------------|----------------|----------------|
| SVKM - 2 | Z | 1.4 | 0.69 | 0.8 | 2.1 | 0.38 | 1 | 93 000 |

| Date | Phase | h m s | Remarks |
|------|---------------------------|---|---|
| 1 | eSg | 04 58 56 | |
| 1 | ei | 07 34 40 | |
| 1 | ePg | 08 59 05 | D=1.4°. eiSg 59 23, Lm 59 32. |
| 1 | eiPg | 10 00 25 | D=1.4°. eiSg 00 43. |
| 1 | e | 10 44 26.5 | ei 44 33.8. |
| 1 | e | 11 59 13 | |
| 1 | ePg | 12 50 29.8 | D = 1.8°. eiSg 50 54. |
| 1 | eiP | 14 50 54.8 | Aleutian Islands 51.2°N 174.1°E, H=14 38 55.9, h=45 km (ISC). M=4.6 ISC, USCGS. Dc = 78.7°. |
| 1 | eiP eiPcP | 17 53 21.8 53 35 | D. Kurile Islands. MPV = 5.3 Kašperské Hory. Dc = 76.8°. PV: 1s 38 mp. |
| 1 | eP | 20 00 57 | Unimak Island. Dc = 77.5°. |
| 1 | eiPKIKP eiPKP2 eiPP | 23 32 44.2 33 49.8 37 39.8 | South Pacific Cordillera. Dc = 165.9°. |
| 2 | eiP | 05 19 09.2 | Aleutian Islands. MPV = 4.6 Kašperské Hory. Dc = 77.5°. PV: 1s 11 mp. |
| 2 | eSg | 09 36 53.5 | Lm 37 04. |
| 2 | e | 10 06 05 | eSg 06 21. |
| 2 | e | 11 02 49 | eiSg 03 07. |
| 2 | eiP | 12 02 34 | |
| 2 | e | 12 30 10 | eiSg 30 12.8. Lm 30 15. |
| 2 | e | 13 00 46 | eiSg 00 50. |
| 2 | ei | 13 59 51.5 | |
| 2 | e | 16 14 21 | Lm 14 26. |
| 2 | eiPn ei ei eiSg | 16 59 11.5 59 16.5 59 32.8 59 41.4 | Explosion of 14.3 Tons (Eschenlohe). Dc = 2.3°. |
| 2 | eiSg | 17 04 47 | Lm 05 03. |
| 2 | iP | 20 31 38.1 | C. Aleutian Islands. MPV = 5.3 Kašperské Hory. Dc = 78.0°. PV: 1.2s 31 mp. |

| Date | Phase | h m s | Remarks |
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| 2 | iP ei i(S) ei ei | 21 10 35.0 13 57 20 35.8 23 19.2 24 48.8 | C. Aleutian Islands. Dc = 78.2°. |
| 2 | eiP | 21 29 38.8 | |
| 2 | eiP | 21 37 24 | |
| 3 | iP ei ei | 02 28 13 28 30.8 30 32.2 | C. North Atlantic Ocean. MPV = 5.2 Kašperské Hory. Dc = 28.6°. PV = 1.3s 54 mμ |
| 3 | ei | 03 48 23 | |
| 3 | e | 10 19 48.5 | Lm 19 55. |
| 3 | eiPKIKP | 11 26 40.8 | West of Tonga. Dc = 148.2°. |
| 3 | eiP ei ei | 11 37 33.5 38 09.8 40 26 | C. Burma-China. Dc = 72.0°. |
| 3 | eiPKIKP ei | 21 08 02.7 08 06 | C. Fiji Islands 15.4°S 176.3°W, H=20 48 23.6, h=21 km (ISC). M=5.0 USCGS, 4.6 ISC. Dc=145.4°. |
| 4 | eiPKIKP | 09 20 06.8 | Fiji Islands. Dc=146.0°. |
| 4 | e | 14 02 24 | eiSg 02 30.3. |
| 5 | eiP ei | 01 49 59 50 10.8 | Kurile Islands. Dc=79.5°. |
| 5 | ePg eiSg Lm | 04 45 25 45 41.8 45 51 | D=1.3°. |
| 5 | eiP ei ei | 08 38 04 38 43.8 39 12 | North Atlantic Ocean. Dc=29.9°. |
| 5 | e | 12 51 17 | eiSg 51 36.8. |
| 5 | eiPn eiPg eiSn eiSg | 19 37 26 37 31.5 37 50 37 55.8 | Austria. D=2.2°, Dc=2.1°. |
| 5 | i | 19 40 17 | i 40 54.8, ei 41 45.3. |
| 5 | e | 19 46 14.5 | |

| Date | Phase | h m s | Remarks |
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| 5 | eiSg | 21 13 38.5 | |
| 5 | eiP | 23 52 41.8 | Burma. Dc=68.6°. |
| 6 | eiPg | 01 23 59.4 | D. Alaska. Dc=70.1°. |
| 6 | eiP ei ei Lm | 03 21 39 21 43.8 25 03 27 | D. Greece. Dc=12.5°. |
| 6 | iP | 04 20 43.4 | C. Kurile Islands. MLV=5.8 Kašperské Hory. Dc=78.1°. PV: 1s 86 mμ. |
| 6 | iP ei | 05 10 23.5 10 31 | C. Kamchatka. MPV=5.5 Kašperské Hory. Dc=73.0°. PV: 1s 43 mμ. |
| 6 | eiP | 06 51 22 | Kurile Islands 44.7°N 148.2°E, H=06 39 25.5 (ISC). M=4.4 USCGS, ISC. Dc=78.5°. |
| 6 | eSg | 10 44 57 | Lm 45 05. |
| 6 | e | 12 49 03 | ei 49 22.8, eiSg 49 26.8. |
| 6 | eiPg | 13 00 29.4 | D=1°. eiSg 00 42. |
| 6 | eiPg | 13 29 48.3 | D=15km. eiSg 26 50. |
| 6 | eiP ei | 13 38 10 42 04 | D. Crete. Dc=16.9°. |
| 6 | eiP | 15 40 21.8 | C. Aleutian Islands. Dc=76.7°. |
| 6 | eiP | 17 04 28 | Mediterranean Sea 36.5°N 3.7°E, H=17 00 50.7, h=2km (ISC). M=4.1 ISC. Dc=14.5°. |
| 6 | iPKIKP ei eiPP eiPKP ei ei | 18 54 49.8 56 09 56 44 57 37.5 58 31.5 59 28 | D. Solomon Islands. Dc=124.8°. |
| 6 | eiP | 19 04 33 | ei 07 05, ei 08 28.8. |
| 6 | eiPg | 23 48 23.7 | C. D=1.6°. eiSg 48 44.8. |
| 7 | eiPg | 01 28 51.5 | D=1.6°. eiSg 29 13. |
| 7 | ei | 03 01 32.5 | |
| 7 | ei | 10 46 05 | |
| 7 | eiSg | 12 25 18 | Lm 25 22. |

| Date | Phase | h m s | Remarks |
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| 7 | eiPKIKP | 12 27 46 | South of Australia. Dc=132.5°. |
| 7 | eSg | 12 42 56 | Lm 43 04. |
| 7 | e | 12 59 16 | Lm 59 19. |
| 7 | eiP | 14 34 05 | C. Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=77.2°. PV: 1s 10 mμ. |
| 7 | eiPKIKP ei | 15 56 57 57 47 | Tonga Islands. Dc=145.6°. |
| 7 | e | 16 00 37 | eiSg 00 45.8, Lm 00 50. |
| 7 | eiP | 17 27 54.8 | Aleutian Islands. Dc=78.5°. |
| 7 | iP eipP | 21 51 03.0 52 02.3 | C. Japan. MPV=5.0 Kašperské Hory. Dc=85.1°. PV: 1s 32 mμ. |
| 7 | eP eiPP | 23 13 25 17 16.4 | Sunda Strait. Dc=96.5°. |
| 7 | ePKIKP ei | 23 22 01 09.5 | Samoa Islands. Dc=145.4°. |
| 7 | ePKP | 23 44 43.6 | Samoa Islands 13.6°S 171.3°W, H=23 25 15.8, h=33km (ISC). M=4.3 USCGS. Dc=144.3°. |
| 7 | eiP | 23 47 29 | C. Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=79.0°. PV: 1.4s 16 mμ. |
| 8 | eiP | 00 19 06.2 | Jan Mayen Island. Dc=23.8°. |
| 8 | e | 10 24 16 | eiSg 24 22.2. |
| 8 | e | 12 39 49.5 | ei 40 06.3. |
| 8 | eiP | 12 50 11 | |
| 8 | ePKIKP ei | 13 23 41 24 04.5 | C. Fiji Islands. Dc=145.1°. |
| 8 | e | 14 37 04.5 | eiSg 37 18.8. |
| 8 | ePKIKP | 16 26 57.5 | Tonga Islands. Dc=146.2°. |
| 8 | eiPn eiPg ei iSg | 23 20 41.5 20 45.3 20 49 21 14.8 | Austria. D=2.2°, Dc=2.4°. |
| 8 | eiPn ei eiSg | 23 29 55.5 29 57 30 22.8 | Austria. Dc=2.1°. |

| Date | Phase | h m s | Remarks |
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| 9 | e | 10 33 39 | ei 33 45.8. |
| 9 | eiSg | 10 54 48 | Lm 55 01. |
| 9 | e | 12 42 32 | eiSg 42 49, Lm 42 53. |
| 9 | eiPg eiSg Lm | 12 59 59.8 13 00 05.8 00 09 | D=50km. |
| 9 | eiPg eiSg | 22 49 12 49 32.8 | Austria. D=1.6°, Dc=1.6°. |
| 10 | e | 00 32 38 | |
| 10 | eiP | 04 38 08 | Kamchatka. Dc=72.8°. |
| 10 | eP ei | 04 47 11.4 47 15.8 | Kamchatka 55.5°N 162.1°E, H=04 35 46.9, h=33km (ISC). M=4.6 USCGS, 4.4 ISC. Dc=72.4°. |
| 10 | eiPKIKP | 06 02 22.8 | New Hebrides 22.0°S 170.2°E, H=05 42 35.0, h=33km (ISC). Dc=147.2°. |
| 10 | eP | 06 28 35.3 | ei 29 35.8, ei 30.29.6. |
| 10 | e | 06 37 07 | ei 37 17. |
| 10 | eiSg | 06 38 14.5 | Lm 38 24. |
| 10 | eiP ei | 08 13 37.8 14 03.8 | C. Crete. Dc=16.1°. |
| 10 | ePg | 12 02 16 | D=1.1°. eiSg 02 31.4. |
| 10 | iP ei | 13 04 24.8 07 24.4 | C. Kurile Islands. MPV=5.4 Kašperské Hory. Dc=79.0°. PV: 1s 35 mμ. |
| 10 | eiP eipP | 19 34 05.9 32 42 | C. Japan. Dc=78.3°. |
| 11 | e | 05 23 24 | ei 23 40, ei 23 48.4. |
| 11 | eP ei | 07 24 10 24 44.8 | Kodiak Island 58.1°N 151.2°W, H=07 13 00, h=11km (ISC). M=4.9 ISC, 5.1 USCGS, Dc=72.4°. |
| 11 | eiP | 09 57 44.5 | Iceland. Dc=25.3°. |
| 11 | eP | 16 27 36 | Japan. Dc=82.7°. |
| 11 | ePg | 19 03 26 | D=1.7°. eiSg 03 49. |
| 11 | eiPKIKP eipPKIKP | 20 32 01 33 08 | Tonga Islands. Dc=148.9°. |

| Date | Phase | h m s | Remarks |
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| 11 | ePKIKP | 23 14 30 | Tonga Islands. Dc=147.1°. |
| 12 | ePKIKP ei | 05 53 49.5 54 23 | Samoa Islands. Dc=147.0°. |
| 12 | e | 14 14 29 | ei 15 36. |
| 13 | eiPKIKP | 06 43 37 | Tonga Islands 20.1°S 173.7°W, H=06 23 49.3, h=63km (ISC). M=5.1 USCGS, 4.6 ISC. Dc=150.4°. |
| 13 | e | 08 50 14 | ei(Sg) 50 29. |
| 13 | eiP | 14 21 21.5 | Aleutian Islands. Dc=79.2°. |
| 13 | eiP | 14 22 40.0 | Turkey. Dc=15.0°. |
| 13 | e | 14 59 12 | |
| 13 | eiPKIKP iPKHKP eiPKP2 eipPKIKP | 20 04 49.6 04 55.4 05 03.7 05 46 | Tonga Islands. Dc=150.8°. |
| 14 | eiP | 02 40 58 | Alaska 57.1°N 146.8°W, H=02 29 29.9, h=33km (ISC). M=4.6 ISC, 4.5 USCGS. Dc=72.9°. |
| 14 | eiPg eiSg Lm | 11 29 39.4 29 55.5 30 08 | D=1.2°. |
| 14 | eiP | 12 28 38.5 | C. Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=78.6°. PV: 1.2s 22 mp. |
| 14 | e | 12 42 56 | eiSg 43 08, Lm 43 13. |
| 14 | eiPn iPg ei iSg Lm | 14 03 53.4 03 54.9 04 08 04 11.3 04 23 | D=1.4°. |
| 14 | e | 14 36 22 | |
| 14 | eP ei | 15 49 11 49 27 | Ionian Sea. Dc=11.9°. |
| 14 | iP ei | 18 07 52.2 08 38 | C. Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=78.6°. PV: 1.2s 63 mp. |
| 14 | eiP | 18 13 33 | Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=78.7°. PV: 1.2s 16 mp. |
| 15 | ePg | 03 26 21 | Lm 26 36. |

| Date | Phase | h m s | Remarks |
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| 15 | iPg | 05 06 48.4 | D=2°. eiSg 07 14.9. |
| 15 | ei | 13 00 47 | |
| 15 | e | 13 38 22 | eiSg 38 40. |
| 15 | eP e | 14 26 29.5 26 51.5 | United States. Dc=61.7°. |
| 15 | eiP | 18 45 25 | |
| 15 | iP ei | 18 46 01 49 53 | Philippine Islands. Dc=97.2°. |
| 15 | eiP | 20 54 06.2 | |
| 16 | eiPKIKP | 07 45 56 | D. Tonga Islands. Dc=149.0°. |
| 16 | e | 09 10 24 | ei 11 11, eiSg 11 17. |
| 16 | e | 10 14 58 | eiSg 15 10. |
| 16 | iPg | 13 01 44.4 | D=1.6°. eiSg 02 05. |
| 17 | eiPKIKP eiPP eiPKS | 07 39 43 42 03 43 10.5 | Salomon Islands. Dc=131.8°. |
| 17 | eiPn iPg ei iSg | 08 42 35.3 42 43.9 43 06.8 43 29.9 | Yugoslavia. D=3.2°, Dc=3.1°. |
| 17 | eiPg | 08 56 28.9 | D=1.5°. iSg 56 48.9. |
| 17 | eiPKIKP eiPP | 13 06 50.7 08 55 | New Britain. Dc=126.5°. |
| 17 | eiPKIKP iPKP2 | 13 19 03.7 19 35.9 | Kermadec Islands. Dc=156.4°. |
| 17 | eP | 16 03 19 | Leeward Islands. Dc=67.1°. |
| 17 | iP | 18 33 23.6 | C. Alaska. MPV=5.2 Kašperské Hory. Dc= 76.5°. PV: 1.2s 22 mp. |
| 17 | ei | 18 49 58 | |
| 18 | e | 06 36 14 | eiSg 36 44. |
| 18 | eiP | 07 35 32.9 | Alaska 52.7°N 163.5°W, H=07 23 33.1, h=35km (ISC). M=4.9 USCGS, 4.8 ISC. Dc=78.5°. |
| 18 | e | 09 08 16 | |

| Date | Phase | h m s | Remarks |
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| 18 | eiP | 10 11 42 | Kurile Islands 46.8°N 152.4°E, H=09 59 45.8, h=54km (ISC). M=4.6 USCGS, 4.5 ISC. Dc=78.0°. |
| 18 | e | 13 34 17 | |
| 18 | e | 15 04 31 | |
| 18 | iP i | 22 27 05.1 27 55.5 | C. Kurile Islands. MPV=5.8 Kašperské Ho- ry. Dc=78.9°. PV: 1s 86 mp. |
| 19 | iP | 00 15 55.6 | C. Kurile Islands. MPV=5.0 Kašperské Ho- ry. Dc=78.8°. PV: 1s 16 mp. |
| 19 | iP ei | 04 25 24.9 25 48.5 | C. Venezuela. MPV=5.0 Kašperské Hory. Dc=79.2°. PV: 1s 16 mp. |
| 19 | eiPg | 05 52 26.9 | D=1.2°. eiSg 52 42.9. |
| 19 | eiP | 06 59 28 | Bonin Islands 27.7°N 139.8°E, H=06 47 22.9, h=489km (ISC). M=5.0 USCGS, 4.6 ISC. Dc=89.7°. |
| 19 | eSg | 13 25 30 | Poland. Dc=3.7°. |
| 20 | eiPKP2 | 00 13 16.1 | Fiji Islands. Dc=154.1°. |
| 20 | eiP ei | 07 51 10.7 52 53 | Afghanistan. Dc=43.1°. |
| 20 | ei | 10 56 31.5 | |
| 20 | iP ei | 11 31 44.6 32 01 | C. Kurile Islands. Dc=77.2°. MPV=5.6 Kašperské Hory. PV: 1.2s 66 mp. |
| 20 | ePg | 12 41 00 | D=94km. eiSg 41 11. |
| 20 | eiP | 12 57 18.7 | |
| 20 | eiP ei eiPP | 13 31 58.5 32 05.5 35 59 | C. Philippine Islands. MPV=5.7 Kašperské Hory. Dc=97.4°. PV: 1.5s 22 mp. |
| 20 | iPg | 14 04 36.5 | D=1.2°. iSg 04 52.5, Lm 05 04. |
| 20 | iPKP2 | 14 13 06.0 | C. Fiji Islands. Dc=155.9°. |
| 20 | ePg ei | 15 38 31 38 59 | Italy 44 1/4°N 9 1/4°E, H=15 36 44 (Strasbourg). Dc=5.7°. |
| 20 | ei | 16 01 51.5 | |
| 20 | iPg | 18 12 09.0 | D=1.2°. iSg 12 25.0, Lm 12 35. |
| 20 | e | 20 35 03 | iSg 35 19. |

| Date | Phase | h m s | Remarks |
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| 21 | eiPKIKP iPKP2 eiPP | 03 11 25.5 11 32.7 15 02 | Tonga Islands. Dc=150.9°. |
| 21 | eiP | 04 02 16 | Mid-Indian Rise. Dc=88.3°. |
| 21 | e | 12 52 13 | iSg 52 35.0. |
| 21 | iSg | 16 31 23.0 | Lm 31 28. |
| 21 | eiP | 17 08 48 | Aleutian Islands 51.9°N 174.1°E, H=16 56 51.1, h=38km (ISC). M=4.6 ISC, USCGS. Dc=77.9°. |
| 21 | iP iPcP eiPP | 18 04 18.5 04 30.0 07 09 | C. Aleutian Islands. MPV=5.9 Kašperské Hory. Dc=76.1°. PV: 1s 97 mp. |
| 21 | ei | 19 12 18.8 | |
| 22 | ePKIKP | 00 10 00 | Tonga Islands. Dc=146.6°. |
| 22 | iP ei | 01 30 54.5 31 09 | D. Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=79.1°. PV: 1.2s 18 mp. |
| 22 | e | 12 41 39 | eiSg 41 51. |
| 22 | e | 12 44 11 | eiSg 44 35.0. |
| 22 | e | 12 53 30 | eiSg 53 45. |
| 22 | eiSg | 14 05 56.5 | Lm 06 08. |
| 22 | eiPKIKP eipPKIKP | 16 47 58 48 19 | Tonga Islands. Dc=147.5°. |
| 22 | eiPKIKP | 20 06 32 | Tonga Islands 15.2°S 173.6°W, H=19 46 57.9, h=33km (ISC). M=4.3 USCGS. Dc=145.7°. |
| 23 | ePn iPg i iSg | 09 15 22 15 25.1 15 46.5 15 49.9 | Explosion of 15 Tons (Collm). Dc=0.9°. |
| 23 | ei | 10 36 52 | |
| 23 | e | 12 40 21 | eiSg 40 27 |
| 23 | eiPg | 12 42 54 | D=1.9°. iSg 43 19. |
| 23 | iPg iSg Lm | 12 59 52.5 13 00 00.5 00 06 | Explosion of 15 Tons. Dc=68km. |

| Date | Phase | h m s | Remarks |
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| 23 | eiP | 17 12 28.2 | C. Nevada. MPV=5.4 Kašperské Hory. Dc=83.2°. PV:1.5s 36 mp. |
| 23 | eiSg | 17 18 06.0 | |
| 23 | eiPg iSg | 23 15 47 16 47.5 | Italy. Dc=4.6°. |
| 23 | eiPg iSg | 23 54 02 54 23.0 | Austria. Dc=1.5°. |
| 24 | e | 00 36 27 | North Atlantic Ocean 36.0°N 12.0°W, H=00 31 28 (BCIS). Dc=22.8°. |
| 24 | iPKIKP ei | 10 07 09.0 07 16.7 | Loyalty Islands 21.9°S 170.1°E, H=09 47 30.5, h=53km (ISC). M=4.7 USCGS. Dc=147.1°. |
| 24 | eiP | 11 56 39.7 | Kamchatka 54.7°N 162.9°E, H=11 45 07.0, h=18km (ISC). M=4.8 ISC, USCGS. Dc=73.4°. |
| 24 | eiP ei | 18 05 21.3 07 06.7 | C. Afghanistan. MPV=4.5 Kašperské Hory. Dc=43.1°. PV: 1s 11 mp. |
| 24 | eiP | 21 50 28 | Kamchatka. Dc=73.3°. |
| 24 | e | 23 07 27.5 | i 08 37.0 |
| 25 | eiP eiPP | 03 53 10 56 29 | Sumatra. Dc=85.7°. |
| 25 | iP | 08 56 46.2 | D. California. MPV=5.4 Kašperské Hory. Dc=83.0°. PV: 2s 52 mp. |
| 25 | e | 09 08 23 | ei 08 51.0. |
| 25 | e | 11 57 09 | |
| 25 | eiP | 13 37 08.5 | South Atlantic Ridge. Dc=83.4°. |
| 25 | iP i eiPP | 13 45 18.5 45 29.5 48 25 | D. Japan. MPV=5.9 Kašperské Hory. Dc=80.9°. PV: 1s 116 mp. |
| 25 | iP i | 21 58 46.1 59 07.0 | C. Aleutian Islands. MPV=5.7 Kašperské Hory. Dc=78.6°. PV: 1.2s 106 mp. |
| 25 | eiP | 22 03 48 | Aleutian Islands 51.6°N 175.9°E, H=21 51 44.4, h=4km (ISC). M=4.6 ISC, 4.5 USCGS. Dc=78.5°. |
| 26 | eiP | 00 46 03.2 | Kirgiz. SSR. Dc=39.2°. |
| 26 | eiPKIKP ei | 11 01 22.8 01 33 | Samoa Islands. Dc=146.7°. |

| Date | Phase | h m s | Remarks |
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| 26 | e | 12 46 12 | eiSg 46 37.5. |
| 26 | eiPKP ei | 15 43 27.0 43 35 | C. Samoa Islands. Dc=146.6°. |
| 26 | eiP e | 16 29 53.8 33 20 | D. Japan. MPV=4.7 Kašperské Hory. Dc=87.5°. PV: 1.6s 28 mp. |
| 26 | eiP | 18 33 08 | Central Mid-Atlantic Ridge. Dc=60.1°. |
| 27 | iP i | 11 32 30.5 32 42 | C. Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=79.0°. PV: 1s 15 mp. |
| 27 | e | 15 23 49 | iSg 24 06.5, Lm 24 20. |
| 27 | eiPKIKP | 16 12 40 | C. Salomon Islands 6.8°S 155.0°E, H=15 53 44.5, h=89km (ISC). M=5.5 USCGS, 5.1 ISC. Dc=126.8°. |
| 27 | eP | 17 58 14 | Kurile Islands 46.5°N 154.6°E, H=17 46 15.3, h=35km (ISC). M=3.8 USCGS. Dc=78.9°. |
| 27 | iP eipP | 21 27 46.2 28 36 | D. Japan. MPV=4.8 Kašperské Hory. Dc=79.0°. PV: 1.1s 23 mp. |
| 28 | iPKIKP | 12 20 43 | D. Tonga Islands. Dc=147.3°. |
| 28 | iPg | 17 53 27.0 | D=1.6°. iSg 53 48.0. |
| 28 | eiP ei | 22 41 55.6 45 12 | C. Southern Sumatra. MPV=5.2 Kašperské Hory. Dc=90.6°. PV: 1.5s 27 mp. |
| 29 | eiPKIKP ei i | 05 46 32.5 46 57 48 20 | D. Samoa Islands. Dc=145.7°. |
| 29 | iP eiPP iS | 08 41 31.9 44 39 51 39 | D. Aleutian Islands. MPV=6.6 Kašperské Hory. Dc=80.1°. PV: 1.5s 1145 mp. |
| 29 | eiPg | 08 59 13 | D=2.3°. iSg 59 42. |
| 29 | eiP ei ei | 09 03 52.9 04 04.9 08 16 | Aleutian Islands. Dc=80.0°. |
| 29 | iP | 09 44 09.3 | D. Aleutian Islands. MPV=5.1 Kašperské Hory. Dc=80.0°. PV: 1s 19 mp. |
| 29 | eiP | 09 59 29 | |
| 29 | eiP | 11 20 41 | Aleutian Islands. Dc=80.1°. |

| Date | Phase | h m s | Remarks |
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| 29 | iP ei | 12 32 31.9 33 01 | D. Aleutian Islands. MPV=5.8 Kašperské Hory. Dc=80.3°. PV: 2.4s 300 mp. |
| 29 | ei | 13 01 06 | |
| 29 | iP i i | 15 20 46.1 20 59.4 22 20.0 | D. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=80.2°. PV: 1.5s 91 mp. |
| 29 | ei | 18 46 55.5 | |
| 30 | eiPKP | 03 31 42.4 | D. Tonga Islands. Dc=150.8°. |
| 30 | eP ei | 05 58 53.4 59 13 | Peru 18.1°S 70.8°W, H=05 45 18.1, h=91km (ISC). M=6.0 USCGS, 5.3 ISC. Dc=99.8°. |
| 30 | eiP | 08 22 19 | Aleutian Islands. Dc=79.0°. |
| 30 | eiP | 10 30 46.4 | Kurile Islands. Dc=78.9°. |
| 30 | eiP | 19 14 29.4 | Persia. Dc=39.4°. |
| 31 | eiPg ei iSg Lm | 03 41 46.9 42 01 42 04.3 42 16 | D=1.1°. |
| 31 | eiP | 07 48 57 | Japan. Dc=83.8°. |
| 31 | eiP ei | 11 27 42 27 49 | Kodiak Island. Dc=74.4°. |
| 31 | ei | 11 30 56.4 | iSg 30 58.9. |
| 31 | ePKIKP | 12 06 50 | Tonga Islands. Dc=150.0°. |
| 31 | eiPg i eiSg Lm | 13 00 26.9 00 29.9 00 38.9 00 47 | Explosion of Tons. Dc=98km. |
| 31 | ei | 14 40 50 | |
| 31 | eiPKIKP iPKP2 | 14 45 24.4 45 51.4 | Fiji Islands. Dc=154.7°. |
| 31 | eiPKIKP | 15 40 30 | Tonga Islands. Dc=150.9°. |
| 31 | iPKP2 | 16 03 30.4 | D. West of Tonga. Dc=148.9°. |
| 31 | eiPg | 17 15 46.8 | D=1°. iSg 16 00.2 |
| 31 | eiP | 17 17 56 | Tibet. Dc=59.5°. |
| 31 | eiP | 21 54 52 | Tibet. Dc=59.5°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|---|---|
| 1 | ei | 08 59 47 | eiSg 09 00 04. |
| 1 | ePg eiSg Lm | 12 13 37 14 00 14 24 | D=1.7°. |
| 1 | iP ei iPP eiPP | 15 13 57.0 14 08.5 15 25.5 16 33 | D. Sakhalin Island. MPV=5.4 Kašperské Hory. Dc=75.1°. PV: 1.7s 176 mp. |
| 1 | eiPg | 15 36 55.5 | D=2.3°. iSg 37 24.5. |
| 1 | iP | 16 26 46.7 | C. ei 26 56.5. |
| 1 | iP i eiPP | 16 51 56.6 52 03.5 54 45 | D.N.W. Kurile Islands. MPV=5.5 Kašperské Hory. Dc=73.0°. PV: 1s 156 mp. |
| 1 | eiPKP2 i | 19 48 02.8 48 09.7 | Fiji Islands. Dc=154.4°. |
| 1 | eP | 20 19 23.6 | Tibet. Dc=59.6°. |
| 1 | eiPKIKP | 20 53 42.8 | New Hebrides. Dc=137.8°. |
| 1 | eiPKIKP | 23 10 32.4 | Loyalty Islands 21.5°S 169.2°E, H=22 50 47.1, h=33km (ISC). M=4.3 USCGS. Dc=146.3°. |
| 2 | eiPKIKP ei | 00 04 22.5 05 26 | Kermadec Islands. Dc=160.9°. |
| 2 | ei | 12 41 21 | eiSg 41 39. |
| 2 | eiPKIKP eiPKP2 ei | 13 39 53 40 34 44 29 | Macquarie Island. Dc=157.3°. |
| 2 | eiP i | 14 47 02.2 47 08.5 | C. Panama. MPV=5.7 Kašperské Hory. PV: 1.5s 86 mp. |
| 2 | iP | 14 48 49.5 | Panama. Dc=85.9°. |
| 2 | eP | 15 20 46 | Panama 7.4°N 78.6°W, H=15 08 07.2, h=26km (ISC). M=4.3 USCGS. Dc=85.9°. |
| 2 | ei | 15 37 13.5 | ei 37 37.8. |
| 2 | eiP ei | 16 55 53.3 56 29.6 | C. Panama. MPV=5.8 Kašperské Hory. Dc=86.0°. PV: 2.2s 171 mp. |
| 2 | eiP | 18 17 35.7 | C. Panama. MPV=5.0 Kašperské Hory. Dc=85.7°. PV: 1.2s 86 mp. |
| 2 | eP | 18 57 01 | Panama. Dc=85.7°. |

| Date | Phase | h m s | Remarks |
|------|---------------------|--------------------------------|--|
| 2 | eiP ei | 19 20 36.2 20 57 | C.E. Panama. MPV=5.4 Kašperské Hory. Dc=85.9°. PV: 1.3s 39 mμ. |
| 2 | eiP | 20 56 08.8 | C. Panama. MPV=5.0 Kašperské Hory. Dc=85.8°. |
| 2 | eiPKIKP | 23 07 17.3 | New Hebrides 19.0°S 169.1°E, H=22 48 00.8, h=151km (ISC). M=4.3 USCGS. Dc=144.1°. |
| 3 | eiP | 01 36 48.5 | Aleutian Islands. 52.4°N 172.2°E, H=01 24 59.0, h=44km (ISC). M=4.4 USCGS. Dc=77.2°. |
| 3 | eiP ei eiPP | 02 15 30 18 39 19 27 | Peru. Dc=98.6°. |
| 3 | eiP | 07 45 12.6 | China. Dc=57.9°. |
| 3 | ei | 09 43 12 | ei 43 44. |
| 3 | eiPKIKP | 09 55 25.2 | D. Tonga Islands. Dc=150.4°. |
| 3 | e | 09 59 27 | ei(Sg) 59 41. |
| 3 | eSg | 10 45 29 | Lm 45 34. |
| 3 | ei | 11 17 24.5 | |
| 3 | ei | 12 26 12 | ei 25 20.2. |
| 3 | eiP | 14 02 20 | Japan 34.3°N 139.1°E, H=13 49 52.3, h=36km (ISC). M=4.7 ISC, 4.6 USCGS. Dc=83.9°. |
| 3 | iPKIKP | 15 01 35.0 | C. Samoa Islands. Dc=146.4°. |
| 3 | eiPKIKP ei ei | 18 19 48.7 23 14 24 38.7 | New Hebrides. Dc=140.1°. |
| 3 | e | 20 33 37 | e 33 53. |
| 4 | eiP ei | 01 18 36 19 01 | Mexico. MPV=5.1 Kašperské Hory. Dc=88.6°. PV: 0.9s 12 mμ. |
| 4 | eiP | 04 47 19.3 | Panama 7.9°N 78.5°W, H=04 34 39.6, h=23km (ISC). M=4.0 USCGS. Dc=85.4°. |
| 4 | e | 05 17 45 | ei 18 05.3, ei 18 46. |
| 4 | iPKIKP iSKP | 09 06 10.7 09 29.0 | New Hebrides. Dc=138.1°. |
| 4 | e | 10 44 18 | |

| Date | Phase | h m s | Remarks |
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| 4 | ei | 11 31 28.5 | Lm 31 48. |
| 4 | iPn ei eiSn Lm | 11 51 13.2 51 33 52 14 53.2 | C. Italy. D=5.4°, Dc=5.4°. |
| 4 | eiPg | 12 30 33 | D=1.1°. iSg 30 48. |
| 4 | iPg | 13 15 12 | D=1.7°. iSg 15 35.0. |
| 4 | e | 16 26 28 | ei 27 03. |
| 4 | eP | 17 15 43 | Aleutian Islands. 51.1°N 171.7°W, H=17 03 33, h=33km (ISC). M=4.5 USCGS. Dc=80.1°. |
| 4 | eP ei ei i i | 19 18 54 18 57.6 19 21 19 43 19 59.0 | Crete. Dc=16.8°. |
| 4 | e | 21 44 30 | ei 45 06.5. |
| 5 | eiPKIKP i eiPP ei eiPKKP eiPS ei | 00 26 42.5 26 44.5 28 18 28 45 36 32 38 23 39 19 | New Britain. Dc=123.7°. |
| 5 | e | 02 49 52 | ei 50 06. |
| 5 | eiPKIKP | 11 21 13 | Fiji Islands. Dc=145.1°. |
| 5 | e | 12 52 16 | eiSg 52 31. |
| 6 | eP e | 06 03 31 04 20.6 | Carlsberg Ridge. Dc=54.9°. |
| 6 | ePg eiSg Lm | 09 00 32 00 59 01 13 | D=2.1°. |
| 6 | e | 09 02 08 | Lm 02 12. |
| 6 | e | 12 30 04.5 | Lm 30 09. |
| 6 | eiPg eiSg | 13 31 17 31 20 | D=25km. |
| 6 | ei | 16 02 10 | |

| Date | Phase | h m s | Remarks |
|------|--------------------|--------------------------------|--|
| 6 | iP ei ei | 18 25 54.3 27 02.5 31 28 | D. Japan. MPV=5.1 Kašperské Hory. Dc=74.5°. PV: 1s 59 mp. |
| 6 | eiPKIKP ei | 22 16 00.5 16 30.5 | Loyalty Islands. Dc=147.4°. |
| 7 | eP | 07 00 10 | Aleutian Islands 51.4°N 174.5°E, H=06 48 09.1, h=26km (ISC). M=5.1 USCGS, 4.8 ISC. Dc=78.6°. |
| 7 | eP | 21 25 40 | D. Alaska. Dc=68.6°. |
| 8 | ePg | 03 24 40 | D=1.7°. eiSg 25 03.5. |
| 8 | iP | 05 31 19.3 | C. Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=77.3°. PV: 1.7s 44 mp. |
| 8 | eP e eiPP | 10 00 24 03 35 04 41 | Halmahera. Dc=102.9°. |
| 8 | e | 12 18 14 | ei 18 40, ei 19 10. |
| 8 | eiP ei | 13 01 23.5 02 06.5 | C. Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=79.2°. PV: 1s 13 mp. |
| 8 | eP | 23 24 37 | Tristan da Cunha. Dc=92.4°. |
| 8 | eiPg eiSg ei | 23 29 47 30 45 30 54.5 | Italy 45.5°N 9.5°E, H=23 28 20 (BCIS). D=4.5°, Dc=4.6°. |
| 9 | eP | 04 31 15 | Aleutian Islands 51.2°N 171.8°W, H=04 19 05.3, h=33km (USCGS) M=4.4 USCGS. Dc=79.9°. |
| 9 | ei | 08 00 05 | ei 00 17.5, Lm 01 00. |
| 9 | eiP eiPP | 09 18 01 20 09 | Ascension Island. Dc=58.4°. |
| 9 | eP eiPP | 09 32 42 34 50 | Ascension Island. Dc=58.2°. |
| 9 | eP ei | 10 26 34 29 39 | North Atlantic Ridge. Dc=27.1°. |
| 9 | ePg eiSg Lm | 12 46 45 47 08.5 47 34 | D=1.7°. |
| 9 | ePKIKP | 23 30 57 | Chile 28.6°S 71.3°W, H=23 12 21.8, h=33km (ISC). M=5.4 USCGS, 5.3 ISC. Dc=108.0°. |

| Date | Phase | h m s | Remarks |
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| 10 | ePKHKP eiPKIKP ei | 00 40 55 41 01 41 30 | New Hebrides. Dc=145.5°. |
| 10 | e | 01 48 03 | |
| 10 | eiP | 04 19 30.7 | D. Aleutian Islands. MPV=4.7 Kašperské Hory. Dc=80.0°. PV: 1s 8 mp. |
| 10 | ei | 04 07 02.5 | |
| 10 | eiPKIKP | 09 06 56.3 | C. Samoa Islands. Dc=145.8°. |
| 10 | eP | 11 27 12.5 | Aleutian Islands. Dc=77.3°. |
| 10 | eSg | 12 21 06 | Lm 21 33. |
| 10 | ei | 15 49 59 | |
| 10 | eiPKIKP | 22 06 19.5 | Tonga Islands. Dc=148.3°. |
| 11 | e | 01 20 31 | |
| 11 | ePKIKP ei | 03 29 22 32 10 | New Hebrides 15.4°S 166.8°E, H=03 10 07.2, h=32km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=139.9°. |
| 11 | ePKHKP eiPKIKP i eiPP ei | 04 00 14.2 00 20.2 00 30.0 03 21.5 04 05 | New Hebrides. Dc=140.0°. |
| 11 | eiP | 04 20 22.2 | |
| 11 | ePKIKP ei eiPP eiPKS | 07 38 10 38 15 41 13 41 55 | New Hebrides. Dc=140.2°. |
| 11 | ei | 10 59 53.3 | Lm 11 00 00. |
| 11 | ei | 12 44 33.8 | ei 45 05.0, eiSg 45 34.5. |
| 11 | ei | 15 13 57.7 | |
| 11 | eiP ei | 18 28 17.5 28 25.7 | Costa Rica 10.8°N 83.2°W, H=18 15 39.0, h=33km (ISC). Dc=86.3°. |
| 11 | iP i ei | 18 40 53.5 40 58.1 41 24 | D. Alaska. MPV=5.2 Kašperské Hory. Dc=70.6°. PV:1.5s 28 mp. |
| 11 | ePKHKP eiPKS | 20 07 04.5 10 48 | New Hebrides. Dc=140.2°. |

| Date | Phase | h m s | Remarks |
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| 11 | eiPKHKP eiPKIKP eiPP | 20 11 50.5 11 58.2 14 57 | New Hebrides. Dc=140.1°. |
| 11 | eiP | 20 15 40.5 | Colombia. Dc=82.8°. |
| 11 | eiP | 20 28 19 | |
| 11 | eiPKIKP i | 20 33 23.0 37 08.5 | New Hebrides. Dc=140.3°. |
| 11 | ei | 20 44 52.5 | |
| 11 | eiPKIKP ei eiPKS | 21 14 43.4 17 21 18 19 | New Hebrides. Dc=140.2°. |
| 11 | eiPKHKP iPKIKP eiPP ei | 22 51 10 51 16.5 54 12 55 09 | New Hebrides. Dc=140.3°. |
| 11 | iP | 23 18 20.5 | D. |
| 11 | e | 23 33 07 | |
| 12 | eiPKIKP | 01 23 41.4 | Tonga Islands 21.0°S 176.8°W, H=01 04 23.8, h=296km (ISC). M=4.1 USCGS, 4.0 ISC. Dc=150.7°. |
| 12 | ePKIKP ei | 01 40 14 40 25 | New Hebrides 16.3°S 166.9°E, H=01 20 53.1, h=50km(ISC). Dc=140.7°. |
| 12 | ePKIKP ei | 01 44 53.5 45 08.5 | Tonga Islands. Dc=153.2°. |
| 12 | e | 01 53 17 | ei 53 30. |
| 12 | eiPKP2 | 02 34 45.3 | Tonga Islands. Dc=150.7°. |
| 12 | eiPKIKP | 02 41 00.5 | New Hebrides 16.1°S 167.2°E, H=02 21 37.5, h=68km(ISC). M=5.0 USCGS, 4.7 ISC. Dc=140.7°. |
| 12 | eiP ei | 03 40 38.2 41 36 | C. Lake Tanganyika Region. Dc=54.2°. |
| 12 | eiPg iSg Lm | 03 52 09 52 27.5 52 38 | D=1.6°. |
| 12 | eiP | 04 02 53.8 | Aleutian Islands 51.3°N 171.6°W, H=03 50 45.6, h=33km (ISC). M=4.2 USCGS. Dc=79.8°. |

| Date | Phase | h m s | Remarks |
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| 12 | eiPKIKP i ei | 04 58 28.6 58 32.0 59 29.5 | C. West of Tonga. Dc=147.1°. |
| 12 | e | 06 37 24 | |
| 12 | eiP | 05 10 27.0 | New Hebrides. Dc=140.3°. |
| 12 | e | 06 37 24 | |
| 12 | eiPKHKP iPKIKP ei eiPKS | 08 21 05.5 21 12 24 18.6 24 47.6 | New Hebrides. Dc=140.5°. |
| 12 | e | 11 19 52 | eiSg 20 13. |
| 12 | e | 12 35 47 | eiSg 35 50.6, Lm 35 56. |
| 12 | eiPg eiSg Lm | 12 43 48 44 13.6 44 37 | D=2°. |
| 12 | e | 12 51 17 | eiLm 51 25. |
| 12 | eiPKIKP i | 13 16 04.5 16 17.6 | New Britain. Dc=124.0°. |
| 12 | eiPg iSg Lm | 13 58 44.6 58 47.6 58 49 | D=25 km. |
| 12 | e | 15 07 04 | |
| 12 | e | 16 16 30 | |
| 12 | ePKIKP ei ei eiPP | 18 24 18 24 23.6 24 35 27 21.5 | New Hebrides. Dc=140.6°. |
| 12 | e | 19 48 24 | |
| 13 | eP | 01 08 20 | Peru. Dc=96.3°. |
| 13 | eiPKIKP ei | 01 25 17.5 27 25.5 | West of Tonga. Dc=147.0°. |
| 13 | eiP | 02 26 13.6 | Philippine Islands. Dc=90.3°. |
| 13 | ePKHKP iPKIKP i eiPP | 05 00 19 00 22.8 00 36.5 03 18.5 | New Hebrides. Dc=140.6°. |

| Date | Phase | h m s | Remarks |
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| 13 | e eiSg Lm | 07 15 20.2 15 25.1 15 37 | |
| 13 | eiPKIKP i eiPP | 11 44 19.5 44 29.6 47 18 | New Hebrides. Dc=140.4°. |
| 13 | eiPKHKP eiPKIKP i ei ei | 12 59 30.5 59 40 13 00 02.0 03 01 07 21 | New Hebrides. Dc=140.3°. |
| 13 | e | 13 13 50 | eiSg 14 03. |
| 13 | ei | 13 32 56.5 | |
| 13 | eP | 15 30 17 | Southern Alaska 61.1°N 151.5°W, H=15 19 16.1, h=83km (ISC). M=4.5 ISC, 4.2 USCGS. Dc=69.4°. |
| 13 | ePKIKP ei eiPP | 18 15 45 16 06.6 19 06 | New Hebrides. Dc=141.2°. |
| 13 | eiPKIKP | 18 26 53.5 | New Hebrides 15.6°S 166.9°E, H=18 07 25.6, h=33km (ISC). M=5.4 USCGS, 4.8 ISC. Dc=140.1°. |
| 13 | eiPg eiSg Lm | 18 45 33 45 40 45 55 | D=60km. |
| 13 | eiPKIKP | 19 37 56 | New Hebrides 16.1°S 167.0°E, H=19 18 24.1, h=3km (ISC). M=5.2 USCGS, 4.8 ISC. Dc=140.6°. |
| 13 | ePKIKP ei ei | 22 16 31 16 46.5 20 05 | New Britain. Dc=123.0°. |
| 14 | e | 01 22 10.2 | |
| 14 | eiP | 01 39 12.2 | Kurile Islands 47.4°N 153.1°E, H=01 27 14.6, h=12km (ISC). M=4.5 ISC, 4.4 USCGS. Dc=77.7°. |
| 14 | eP ei | 04 50 42 51 48.5 | Greece 38.4°N 21.6°E, H=04 47 51.7, h=30km (ISC). M=4.4 ISC, 4.1 USCGS. Dc= =12.1°. |
| 14 | e | 06 12 43 | |
| 14 | eiSg | 09 18 39 | Lm 19 10. |
| 14 | e | 10 00 36 | ei 01 03. |

| Date | Phase | h m s | Remarks |
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| 14 | eiPKHKP eiPKIKP eiPP | 11 27 09.2 27 16 30 16 | C. New Hebrides. Dc=140.1°. |
| 14 | eP | 11 51 25.5 | Japan 40.8°N 141.3°E, H=11 39 29.2, h=98km (ISC). M=4.7 ISC, USCGS. Dc= =79.3°. |
| 14 | ePKIKP ei eiPP | 13 37 22 37 38 39 49.5 | Santa Cruz Island. Dc=136.2°. |
| 14 | eiPKIKP eiPKP2 | 14 33 46.5 33 58 | Tonga Islands. Dc=153.2°. |
| 14 | ePKIKP i ei | 16 25 25 25 29.7 25 37 | West of Tonga. Dc=149.1°. |
| 14 | e | 23 28 03 | ei 28 26. |
| 15 | eiP | 04 57 21.7 | Philippine Islands. Dc=90.3°. |
| 15 | eiP esP ei | 06 07 27.5 08 34 09 49 | Afghanistan. Dc=43.0°. |
| 15 | e | 07 06 17 | |
| 15 | ei | 10 33 51 | |
| 15 | eP | 10 58 08 | Kurile Islands 44.6°N 149.3°E, H=10 46 09.9, h=60km (ISC). M=4.0 USCGS. Dc=78.9°. |
| 15 | e | 11 55 32 | eiSg 56 24. |
| 15 | eiP | 19 48 50 | D. Brazil. Dc=77.4°. |
| 15 | eiPKIKP ei | 23 25 33.2 25 41.6 | C. Samoa Islands. Dc=146.2°. |
| 16 | eiPKP2 | 00 07 08 | D. Loyalty Islands. Dc=151.1°. |
| 16 | eP ei ei | 04 43 55 44 06.7 45 49 | North Atlantic Ridge. Dc=38.3°. |
| 16 | e | 10 43 43 | |
| 16 | e | 11 17 07 | |
| 16 | e | 11 57 34 | |
| 16 | eiP | 12 29 34.8 | Colombia. MPV=5.3 Kašperské Hory. Dc= 86.9°. PV: 1.2s 32 mp. |

| Date | Phase | h m s | Remarks |
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| 16 | eIP ei | 12 32 19.2 32 28.7 | Colombia. Dc=86.9°. |
| 16 | iP eiPP | 12 46 08.8 48 06 | C. Central Mid-Atlantic Ridge. MPV=6.2 Kašperské Hory. PV: 1.7s 466 mp. |
| 16 | eiPKIKP | 13 57 37.2 | D. West of Tonga. Dc=150.4°. |
| 16 | ePKIKP ei | 15 04 19 04 29.2 | New Hebrides 17.3°S 167.7°E, H=14 44 49.1, h=20km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=142.0°. |
| 16 | eIP | 15 07 58.2 | C. |
| 16 | eiPKIKP ei | 16 56 45.7 58 13 | New Hebrides. Dc=143.4°. |
| 16 | e ePKP2 | 17 21 36 21 41 | Balleny Islands. Dc=155.1°. |
| 16 | ePKHKP ei | 18 11 01 11 15.5 | New Hebrides. Dc=141.9°. |
| 16 | eIP eiPKS | 20 00 31.2 22 29 | C. Azores Islands. MPV=5.2 Kašperské Ho- ry. Dc=38.0°. PV: 2.5s 50 mp. |
| 16 | ePKP eiPKS | 23 18 48 22 29 | New Hebrides. Dc=141.9°. |
| 17 | eIP | 00 30 10.2 | D. North Atlantic Ridge. MPV=4.6 Kašper- ské Hory. Dc=38.1°. PV: 1s 13 mp. |
| 17 | eIP | 08 57 37.2 | D. Kamchatka. MPV=4.9 Kašperské Hory. Dc=73.7°. PV: 1s 14 mp. |
| 17 | eIP ei eiS | 10 47 17.2 47 46 57 24.2 | D. Sumatra. Dc=81.2°. |
| 17 | ePKIKP | 11 33 06.7 | New Britain Region 5.1°S 152.5°E, H=11 14 19.9, h=53km (ISC). M=5.8 USCGS, 5.4 ISC. Dc=124.0°. |
| 17 | eiPKIKP eiPKIKP | 12 33 24.2 35 29.7 | West of Tonga. Dc=150.2°. |
| 17 | ePg eiSg Lm | 12 36 34 36 44.7 36 51 | D=80km. |
| 17 | eIP | 13 04 51 | Sumatra. Dc=81.2°. |
| 17 | eiPKIKP | 13 23 16.5 | New Guinea. Dc=122.4°. |
| 17 | eIP | 13 28 15 | C. Aleutian Islands. Dc=79.2°. |
| 17 | e | 14 15 45 | |

| Date | Phase | h m s | Remarks |
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| 17 | eiPKIKP ei eiPP | 16 37 05.5 37 10.5 40 04.7 | New Hebrides. Dc=139.5°. |
| 17 | eiPKIKP | 22 27 12.2 | Tonga Islands. Dc=147.4°. |
| 17 | eiPKHKP ei | 22 38 27.2 38 38.5 | C. Loyalty Islands. Dc=145.1°. |
| 18 | e | 03 08 13 | |
| 18 | ePKIKP | 03 39 10 | New Hebrides 15.1°S 166.2°E, H=03 19 44.1, h=42km (ISC). M=4.8 USCGS, 4.7 ISC. Dc=139.5°. |
| 18 | eiPKIKP | 06 16 24.5 | New Hebrides 17.3°S 167.5°E, H=05 56 53.2, h=13km (ISC). M=4.7 USCGS, 4.6 ISC. Dc=141.8°. |
| 18 | ePKP2 | 14 34 27 | Tonga Islands. Dc=153.2°. |
| 18 | ePKHKP eiPKP2 eiPP | 14 45 18 45 31.2 48 52.2 | Tonga Islands. Dc=153.4°. |
| 18 | ePKIKP | 14 58 20 | Tonga Islands. Dc=153.3°. |
| 18 | eiPKIKP eiPP | 15 10 58.7 14 03 | D. New Hebrides. Dc=140.4°. |
| 18 | e eiPKP2 | 16 16 09 16 19.5 | Tonga Islands. Dc=153.6°. |
| 19 | ePKIKP | 00 00 37 | Samoa Islands. Dc=147.3°. |
| 19 | eP | 01 01 49 | Bonin Islands Region 28.1°N 142.4°E, H=00 48 49.4, h=33km (ISC). M=4.7 USCGS, 4.5 ISC. Dc=90.6°. |
| 19 | eP | 02 49 24 | Andaman Islands Region 13.6°N 93.8°E, H=02 37 52.7, h=33km (ISC). M=4.5 USCGS, Dc=73.1°. |
| 19 | eiPKIKP | 08 42 12.7 | Tonga Islands. Dc=153.2°. |
| 19 | e eiSg L Lm | 09 45 41 46 06.5 46 15 46 24 | |
| 19 | eiSg | 12 40 16 | |
| 19 | e | 12 58 52 | |
| 19 | eSg Lm | 13 00 45 00 51 | Explosion of 3.3 Tons. Dc=84km. |

| Date | Phase | h m s | Remarks |
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| 19 | eiPKIKP ei | 16 42 16.5 42 30 | Loyalty Islands 20.6°S 169.0°E, H=16 22 37.6, h=8km (ISC). M=4.2 USCGS. Dc=145.4°. |
| 19 | iPn ei i iSn eiSg | 19 15 13.2 15 19 15 39 15 54 16 03 | Italy. D=3.0°. Dc=2.9°. |
| 19 | eiPn ei ei iSn Lm | 19 42 43.2 42 49 43 15 43 26.0 43 32 | Austria. D=3.0°, Dc=3.0°. |
| 19 | eP | 23 54 05 | |
| 20 | e | 05 33 11 | ei 33 26.2. |
| 20 | eiP ei i ei | 06 08 42.8 12 25 13 32.0 15 30 | Banda Sea. Dc=110.6°. |
| 20 | eSg | 09 07 26 | |
| 20 | eP eiPP i | 09 56 19 56 49 10 00 13.2 | Chile. Dc=99.1°. |
| 20 | eiP | 10 12 41.7 | ei 13 07. |
| 20 | e | 10 20 51 | |
| 20 | iP | 15 02 30.2 | |
| 20 | e | 15 38 41 | |
| 20 | e | 15 48 35 | ei 49 30. |
| 20 | eiPKIKP iPKP1 i | 21 41 33.5 41 41.0 42 11.2 | Fiji Islands. Dc=152.8°. |
| 20 | eiP | 22 21 48.7 | Taiwan. Dc=83.5°. |
| 21 | e | 00 44 11 | ei 44 44.7 |
| 21 | e | 01 34 46 | |
| 21 | e | 02 32 01 | |
| 21 | eiPKIKP iPKP2 | 03 36 40.7 36 51.7 | Fiji Islands. Dc=151.0°. |

| Date | Phase | h m s | Remarks |
|------|--------------------------------|--|--|
| 21 | eiPg iSg | 07 00 11.2 00 33.7 | D=1.6°. |
| 21 | ei | 08 40 37 | |
| 21 | iP ei | 09 35 49.6 36 01 | D. Aleutian Islands 50.2°N 177.1°E, H=09 23 44.4, h=33km(ISC). M=4.3 USCGS, MPV=5.4 Kašperské Hory. PV: 0.5s 26 mp. Dc=80.0°. |
| 21 | eP e eiPP | 15 17 38 20 22 21 24.7 | Sumatra. Dc=94.8°. |
| 21 | eiP | 17 11 16 | Japan. Dc=76.5°. |
| 21 | eiP | 23 32 45 | Kurile Islands 46.4°N 153.0°E, H=23 20 43.9, h=33km(USCGS). M=4.0 USCGS. Dc=78.5°. |
| 22 | e eiPKP2 | 04 09 05 09 19.7 | Kermadec Islands. Dc=158.0°. |
| 22 | eiP | 13 30 48.5 | Kurile Islands. Dc=73.9°. |
| 22 | ei | 16 03 59.7 | |
| 22 | e | 23 18 08 | |
| 23 | e | 09 01 09 | Lm 01 26. |
| 23 | e | 10 08 58 | Lm 09 13. |
| 23 | e | 12 44 13 | eiSg 44 33. |
| 23 | eiPg ei Lm | 13 28 10.5 28 13 28 16 | Explosion of 1.9 Tons. Dc=16km. |
| 23 | eiP i ei Lm | 14 11 53 12 00 13 56 16 | C. Turkey. Dc=12.4°. |
| 23 | iP eiPP eSKS ei Lm | 19 59 01.0 20 02 37 09 34 10 14 39 | C. Mexico. MPV=7.1 Kašperské Hory. Dc= 89.9°. PV:4s 5900 mp. |
| 23 | ePKIKP | 22 28 41 | New Ireland. Dc=122.3°. |
| 24 | iP ei | 01 09 24.0 11 08 | C. Mexico. MPV=5.1 Kašperské Hory. Dc= 90.4°. PV: 1.5s 18 mp. |

| Date | Phase | h m s | Remarks |
|------|------------------------------------|---|--|
| 24 | iP | 01 13 59.5 | C. Mexico. MPV=5.4 Kašperské Hory. Dc=90.5°. PV: 1.5s 36 mp. |
| 24 | eiP ei | 01 14 42 17 26 | Crete. Dc=15.3°. |
| 24 | ePn eiSn | 02 19 24 20 01 | Germany. Dc=3.1°. |
| 24 | eiPKIKP iPKHKP ipPKHKP ei | 07 26 02.5 26 10.0 27 25.5 29 11 | D. West of Tonga. Dc=151.5°. |
| 24 | e | 09 29 25 | |
| 24 | e | 11 02 04 | |
| 24 | e | 11 15 36 | ei 18 21. |
| 24 | e | 12 59 05 | ei 59 10. |
| 24 | eiP ei | 13 23 34 23 51 | Gulf of Alaska. Dc=70.6°. |
| 24 | e e | 19 28 32 29 51 | Yugoslavia. Dc=6.7°. |
| 24 | ei | 19 31 58 | ei 32 22, ei 33 13. |
| 25 | eP ei ei ei | 00 00 34 04 25 04 37 05 48 | Turkey. Dc=12.4°. |
| 25 | eiP ei | 05 01 39.5 04 53 | Crete. Dc=16.7°. |
| 25 | eiSg | 10 56 18 | Lm 56 22. |
| 25 | e | 13 01 47 | eiSg 02 01, Lm 02 10. |
| 26 | ei | 09 02 00 | |
| 26 | eiPg eiSg Lm | 11 00 52 01 08 01 12 | D=1.2°. |
| 26 | ei | 12 30 54 | |
| 26 | e | 12 38 36 | eiSg 39 16, Lm 39 42. |
| 27 | e ei | 04 29 06 29 43 | Eastern Caucasus. Dc=26.7°. |

| Date | Phase | h m s | Remarks |
|------|------------------------|---|---|
| 27 | ePn ei eiSg | 07 27 13 27 33 28 21.5 | Switzerland. D=4.1°, Dc=4.3°. |
| 27 | ei | 10 01 43 | |
| 27 | e | 12 46 15 | eiSg 47 03. |
| 27 | iPg iSg L Lm | 13 59 11.7 59 34.0 59 44 59 53 | Explosion of 17.5 Tons. Dc=185km. |
| 27 | e | 14 48 32 | |
| 27 | eiPg | 14 57 31 | D=1.4°. eiSg 57 49. |
| 27 | ePg eiSg Lm | 16 15 42 15 45 15 48 | D=27km. |
| 27 | iP ei ei | 18 34 04.0 34 14 35 26 | C. Kurile Islands. MPV=5.6 Kašperské Hory. Dc=79.0°. PV: 1s 64 mp. |
| 28 | eiP | 08 02 24 | Kamchatka. Dc=75.6°. |
| 28 | eiPKIKP | 20 08 52 | New Britain Region 5.7°S 152.9°E, H=19 49 57.0, h=70km (ISC). M=4.8 USCGS. Dc=124.8°. |
| 28 | ei | 22 56 09.5 | ei 57 14. |
| 29 | ei | 00 18 49 | Tonga Islands. Dc=146.4°. |
| 29 | ePg eiSg Lm | 01 50 21 50 37 50 46 | D=1.2°. |
| 29 | eP ei | 01 58 39 59 06 | Guatemala. Dc=88.4°. |
| 29 | e | 06 43 38 | e 44 44, e 45 39. |
| 29 | e | 10 34 39 | |
| 29 | e | 10 45 15 | |
| 29 | eiPKIKP iPKHKP e | 14 15 56 15 59.4 17 16 | West of Tonga. Dc=147.0°. |
| 30 | ePKIKP | 01 16 39 | New Hebrides 16.8°S 167.2°E, H=00 56 07.6, h=20km (ISC). M=4.9 USCGS, 4.8 ISC. Dc=141.5°. |

| Date | Phase | h m s | Remarks |
|------|----------------------------------|--|---|
| 30 | eiPKIKP ePP | 03 51 35 54 38 | New Hebrides. Dc=141.4°. |
| 30 | ei | 11 13 52.7 | |
| 30 | ei | 12 38 46 | ei 38 48. |
| 30 | e | 12 39 08 | ei 39 47. |
| 30 | ePP | 18 26 55 | Sunda Strait. Dc=95.5°. |
| 31 | eiPn eiPg ei iSn iSg | 01 49 37 50 00 50 31 50 33.0 51 14 | Italy. D=5.2°, Dc=5.0°. |
| 31 | eiP ei | 06 01 55 02 31 | Turkey. Dc=22.0°. |
| 31 | eiP ei ei | 07 34 38 38 37 39 10 | C. Turkey. Dc=21.7°. |
| 31 | eiP | 08 00 55 | Japan. Dc=78.2°. |
| 31 | eiP | 08 16 32 | Japan. Dc=78.2°. |
| 31 | eiP ei | 09 22 02.0 24 14 | C. Mid-Atlantic Ridge. MPV=5.2 Kašperské Hory. Dc=59.6°. PV: 1.2s 28 mp. |
| 31 | eiP ei | 10 54 56.5 55 09.5 | Greece. Dc=12.8°. |
| 31 | e | 11 02 28 | |
| 31 | ei | 13 32 40 | |
| 31 | e | 14 49 57 | |
| 31 | ei | 15 54 41 | ei 56 39. |
| 31 | ei | 17 05 39 | |
| 31 | eiPKIKP | 23 04 00 | D. Tonga Islands Region 18.6°S 172.3°W, H=22 44 12.7, h=33km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=149.1°. |

| Date | Phase | h m s | Remarks |
|------|------------------------------|--|--|
| 1 | e | 02 53 42 | eiSg 53 52. |
| 1 | eiP ei eipP | 04 40 01 40 33 41 49 | Sea of Okhotsk. Dc=73.5°. |
| 1 | eiPKIKP eiPKP2 e | 05 07 22 08 05 15 33 | Kermadec Islands. Dc=162.2°. |
| 1 | ePKHKP iPKIKP ei ei | 06 57 35 57 41.5 07 00 08 02 25 | New Hebrides. Dc=139.2°. |
| 1 | iPKIKP | 07 53 14.0 | D. Tonga Islands. Dc=149.4°. |
| 1 | eSg | 12 01 51 | Lm 01 59. |
| 1 | ei | 13 08 51.5 | |
| 1 | eP | 14 22 45 | |
| 1 | ePKIKP | 16 50 12 | West of Tonga. Dc=146.7°. |
| 1 | eiPKIKP | 20 27 13 | Tonga Islands. Dc=150.8°. |
| 2 | eiPKIKP | 00 11 12.5 | D. Fiji Islands. Dc=147.7°. |
| 2 | eiP | 00 32 36 | Kurile Islands. Dc=79.3°. |
| 2 | e | 02 43 23 | |
| 2 | iP ei eiPP ei | 04 38 35.5 39 41 41 23.5 41 31 | C. Aleutian Islands. Dc=78.2°. MPV=5.7 Kašperské Hory. PV: 1.4s 94 mp. |
| 2 | ePg | 05 10 51 | D=2°. eiSg 11 17. |
| 2 | e | 12 01 23 | |
| 2 | ei(Sg) | 12 43 10 | |
| 2 | eiPn eiPg eiSg | 13 58 36 58 42 59 11 | D=2.2°. |
| 2 | ei | 19 19 29.5 | |
| 2 | eiP | 19 40 40.5 | Kurile Islands. Dc=79.3°. |
| 3 | e | 12 53 57 | eiSg 54 39, ei 55 16. |
| 3 | e | 12 59 55 | e 13 00 48, eiSg 00 54. |

| Date | Phase | h m s | Remarks |
|------|----------------|----------------------------|---|
| 3 | e | 14 48 21 | eiSg 48 39.5. |
| 3 | ePKIKP | 21 57 49 | New Ireland Region 5.3°S 153.6°, H=21 38 55.2, h=64km (ISC). M=5.2 ISC, 5.9 USCGS. Dc=124.8°. |
| 4-5 | | | The seismic vault without electricity. |
| 5 | eiPKIKP | 11 49 56 | Fiji Islands. Dc=147.1°. |
| 5 | eSg | 12 55 52 | |
| 5 | e | 13 44 43 | ei 44 52, eiSg 45 22. |
| 5 | ei | 16 38 23 | |
| 5 | eiPKIKP ei | 21 41 24 41 31.5 | Fiji Islands. Dc=149.9°. |
| 5 | e | 22 10 31 | |
| 5 | eiPKIKP | 23 40 24.5 | Samoa Islands. Dc=147.5°. |
| 6 | eP ei | 03 31 13 31 40 | Taiwan. Dc=85.0°. |
| 6 | e(Pn) | 10 47 49 | eiSg 48 23. |
| 6 | iP ei | 11 54 35.0 54 51.5 | C. Kurile Islands. MPV=5.3 Kašperské Ho- ry. Dc=78.3°. PV: 1s 24 mp. |
| 6 | ei | 12 40 53.5 | ei 41 14, i 41 42.0. |
| 6 | ei | 13 25 40.5 | |
| 6 | eiSg | 14 04 42.5 | Lm 04 54. |
| 6 | e | 15 32 56 | ei 33 11, iSg 33 16.0. |
| 6 | eiP | 20 43 18.5 | |
| 6 | eiP ei | 21 26 30.5 27 11 | Central America 6.5°N 84.4°W, H=21 13 33.1, h=39km (ISC). M=5.2 ISC, 5.1 USCGS. Dc=90.3°. |
| 7 | eiP ei e | 06 20 25 20 47 23 11 | D. Algeria. MPV=4.4 Kašperské Hory. Dc= 15.5°. PV: 14s 44 mp. |
| 7 | eP ei | 07 10 43 14 22 | Volcano Islands. Dc=94.0°. |
| 7 | eiPKIKP e | 08 48 14.5 51 24 | New Hebrides. Dc=140.2°. |

| Date | Phase | h m s | Remarks |
|------|------------------------|---|---|
| 7 | e | 11 08 32 | Lm 08 40. |
| 7 | iPKIKP eipPKIKP | 11 33 06.9 34 47 | D. Fiji Islands. Dc=148.2°. |
| 7 | e eiSg | 14 13 32 13 37 | Poland. Dc=3.6°. |
| 7 | ei | 15 57 31 | |
| 7 | e | 17 52 18 | eiSg 52 24, Lm 52 28. |
| 7 | ei eiSg | 20 09 43.5 09 53 | Germany. Dc=3.6°. |
| 8 | iP i | 03 37 50.8 37 57.5 | D. Kodiak Island. MPV=5.9 Kašperské Ho- ry. Dc=73.1°. PV: 1.9s 198 mp. |
| 8 | eiPg eiSg Lm | 10 00 13 00 27.5 00 36 | Explosion of 9.7 Tons. Dc=116km. |
| 8 | ei | 10 49 59.5 | |
| 8 | eiP ei | 11 28 14.5 29 10 | Alaska. Dc=75.1°. |
| 8 | ei | 11 58 30 | Lm 58 44. |
| 8 | ePKP2 | 12 05 53 | Kermadec Islands. Dc=156.7°. |
| 8 | ei | 12 31 41 | |
| 8 | ei | 13 43 07 | |
| 8 | ei | 14 16 09 | |
| 9 | eP | 04 51 42 | Japan. Dc=78.1°. |
| 9 | eiP i ei eiPP | 10 15 24.5 15 28.1 17 13.5 19 08 | Central America. Dc=90.3°. |
| 9 | e | 10 44 11 | eiSg 44 30. |
| 9 | ei | 11 33 08 | |
| 9 | e | 12 45 54 | eiSg 46 22, Lm 46 43. |
| 9 | eiSg | 14 01 26 | |
| 9 | eP | 17 51 39 | Japan. Dc=78.4°. |
| 9 | e eiSg | 20 30 25 30 40 | Poland. Dc=3.6°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------|--|---|
| 10 | eiPKIKP | 01 43 07 | West of Tonga. Dc=150.4°. |
| 10 | eiPg eiSg Lm | 07 00 22 00 33.5 00 41 | D=98km. |
| 10 | ei | 10 59 39 | Lm 59 43.5. |
| 10 | ei | 11 19 41 | |
| 10 | e | 11 33 29 | |
| 10 | e | 12 40 43 | eiSg 40 47.5. |
| 10 | eiP eipP | 15 13 45.6 14 14 | Japan. Dc=78.4°. |
| 10 | eiPKIKP | 15 58 12.5 | West of Tonga. Dc=149.9°. |
| 10 | ei | 17 24 29.3 | |
| 10 | eiP eipP | 19 38 06.1 38 25 | Japan. MPV=5.3 Kašperské Hory. Dc=82.2°. PV: 0.7s 19 mμ. |
| 11 | eiP | 04 51 57.6 | Greece. Dc=11.8°. |
| 11 | eiPKKP ei ei | 07 21 39 23 26 25 16 | New Ireland. Dc=124.5°. |
| 11 | ePn eiSn | 10 45 06 46 19.6 | France 44.4°N 6.8°E, H=10 43 30 (BCIS). D=6.6°, Dc=6.6°. |
| 11 | e | 11 12 04 | eiSg 12 16.5. |
| 12 | e eiSn | 00 49 52 50 08.5 | Italy. Dc=5.4°. |
| 12 | iPn iPg ei iSn eiSg | 05 13 20.6 13 45.1 14 05 14 21.5 15 00.5 | Italy. D=5.4°, Dc=5.3°. |
| 12 | ePn iPg iSg Lm | 06 10 33 10 35.1 10 51.6 11 09 | D=1.1°. |
| 12 | iPKIKP ei ei ei | 08 59 08.6 09 01 26 08 51 12 31 | C. New Britain. Dc=124.7°. |

| Date | Phase | h m s | Remarks |
|------|----------------------|--------------------------------|--|
| 12 | eiPKIKP | 09 04 43 | D. New Britain Region 6.3°S 151.7°E, H=08 45 45.5, h=37km(ISC). M=5.2 ISC, 4.9 USCGS. Dc=124.6°. |
| 12 | eiPKIKP | 09 20 57 | New Britain Region 6.3°S 151.7°E, H=09 02 01.4, h=52km(ISC). M=5.0 USCGS, 4.9 ISC. Dc=124.6°. |
| 12 | eiP | 21 36 40.6 | Kamchatka. Dc=73.7°. |
| 12 | iP ei ei | 22 14 09.1 14 25 19 03.6 | D. Chagos Archipelago. MPV=6.2 Kašperské Hory, Dc=74.4°. PV: 1.7s 420 mμ. |
| 12 | e | 22 40 46 | ei 41 43. |
| 13 | e | 12 36 36 | eiSg 37 05.5. |
| 13 | eiSg | 13 02 41 | Lm 02 45. |
| 13 | iP i eiPP | 13 19 19.5 19 26.5 22 08 | C. Komandorsky Islands. MPV=5.4 Kašper- ské Hory. Dc=73.4°. PV: 1.3s 40 mμ. |
| 13 | ePKIKP ei eiPP | 16 34 56 35 27 37 06 | West Chile. Dc=129.7°. |
| 13 | iPKIKP | 19 44 14.9 | D. West of Tonga. Dc=150.1°. |
| 13 | eiP i | 21 43 30.5 43 37.5 | Kurile Islands. Dc=76.9°. |
| 14 | iPKIKP ipPKIKP | 07 46 50.0 47 16 | C. Tonga Islands. Dc=147.1°. |
| 14 | eiP | 08 18 07.5 | Ionian Sea. Dc=12.8°. |
| 14 | eiP e | 08 40 52 45 07 | Philippine Islands. Dc=98.5°. |
| 14 | eiP | 09 13 11.4 | Japan. Dc=83.9°. |
| 14 | eP | 14 30 08 | Aleutian Islands. Dc=77.7°. |
| 14 | eiP | 16 14 38.6 | C. |
| 14 | e | 17 00 15 | |
| 14 | eP | 22 07 49 | Philippine Islands. Dc=98.5°. |
| 14 | eiP | 23 00 37 | Taiwan. Dc=83.8°. |
| 14 | eiPKIKP ei | 23 54 13.5 54 21.0 | Loyalty Islands. Dc=144.9°. |

| Date | Phase | h m s | Remarks |
|------|------------------------------|--|---|
| 15 | | | Short period vertical seismograph out of operation. |
| 16 | eiP | 04 22 51 | California. Dc=83.8°. |
| 16 | eiSg | 08 40 06.5 | Lm 40 17. |
| 16 | e | 11 13 42 | eiSg 13 46. |
| 16 | e | 12 39 09 | ei 39 29, eiSg 39 34. |
| 16 | e | 13 01 38 | e 01 47, Lm 01 56. |
| 16 | ei | 13 03 23.5 | |
| 16 | eiPg eiSg | 13 28 49.2 28 51 | Explosion of 2.4 Tons. Dc=16km. |
| 16 | eiP | 13 36 51 | Kurile Islands. Dc=74.2°. |
| 16 | iP ipP ei eiPP i | 14 03 34.9 04 17.5 07 05 07 23 14 53 | C. Philippine Islands. Dc=99.3°. |
| 16 | eiPKIKP iPKP | 16 39 05 39 11.5 | West of Tonga. Dc=150.2°. |
| 16 | eiP | 20 01 31.1 | United States. Planned explosion of 300 Tons of TNT. Dc=61.7°. |
| 16 | eiP | 21 13 59.5 | |
| 16 | ePKIKP | 21 22 08 | New Hebrides 15.3°N 168.3°E, H=21 02 40.4, h=21km (ISC). M=5.0 ISC, 4.9 USCGS. Dc=140.4°. |
| 17 | eiP | 01 25 34 | Alaska. Dc=76.9°. |
| 17 | eiP | 04 07 42 | Eastern Kazakhstan. Dc=40.8°. |
| 17 | ePg eiSg | 05 19 00 19 24 | D=1.8°. |
| 17 | iPg iSg Lm | 08 05 28.1 05 31.1 05 33 | D=25km. |
| 17 | iPKP i eipPKP | 08 38 46.5 38 59.1 40 56 | D. Fiji Islands. Dc=151.8°. |
| 17 | eiP | 09 13 55 | |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|---|
| 17 | eiPg iSg Lm | 09 47 26 47 32.0 47 36 | D=51km. |
| 17 | ePg eiSg Lm | 09 59 13 59 28 59 36 | Explosion of 8 Tons. Dc=102km. |
| 17 | ei | 10 45 20 | ei 45 15. |
| 17 | iP ipP ei | 11 26 44.6 27 32.1 30 49 | C. Ecuador. Dc=91.9°. |
| 17 | e | 11 44 01 | |
| 17 | ei | 11 52 06 | |
| 17 | eiPg eiSg | 11 58 51 59 11.5 | D=1.5°. |
| 17 | e e eiSg | 12 20 21 20 50 20 54 | Explosion of 8 Tons. Dc=124km. |
| 17 | ei | 12 25 05 | |
| 17 | e | 12 37 10 | eiSg 37 14, Lm 37 15. |
| 17 | e | 13 03 46 | ei 04 08, iSg 04 19.4. |
| 17 | iP ei eiPP | 13 11 38.5 11 49.5 14 44 | C. Japan. MPV=5.4 Kašperské Hory. Dc=83.1°. PV: 1s 24 mp. |
| 17 | iP i eiPP | 13 33 20.6 33 30.2 36 23 | C. Japan. Dc=83.1°. |
| 17 | e | 14 05 40 | |
| 17 | iP i eiPP | 14 35 01.6 35 13.1 37 58 | C. Japan. MPV=5.5 Kašperské Hory, Dc=83.1°. PV: 1s 40 mp. |
| 17 | iP eiPP | 15 30 58.5 34 10.5 | C. Japan. Dc=83.2°. |
| 17 | iP ei e | 16 33 42.0 34 45.0 43 59 | C. Japan. Dc=83.1°. |
| 17 | eiP | 17 11 41.5 | Japan. Dc=82.9°. |
| 17 | eP | 20 55 00 | Japan. Dc=83.1°. |
| 18 | e | 12 04 36 | eiSg 04 43.5. |

| Date | Phase | h m s | Remarks |
|------|----------|------------|--|
| 18 | e | 12 05 51 | eiSg 06 11. |
| 18 | ei | 12 47 03.5 | Lm 47 08. |
| 18 | eiP | 20 57 53 | Alaska. Dc=70.5°. |
| | e | 59 26 | |
| | ei | 21 03 33.6 | |
| 18 | eiP | 22 16 49 | Philippine Islands. Dc=98.6°. |
| | e | 27 44 | |
| 19 | eiPKIKP | 01 28 04 | Samoa Islands 15.4°S 173.0°W, H=01 08 27.0, h=33km (ISC). M=4.7 USCGS, 4.6 ISC. Dc=145.9°. |
| 19 | eiPKP | 01 36 35.6 | Tonga Islands. Dc=151.9°. |
| 19 | eiPKIKP | 01 46 41 | Tonga Islands. Dc=152.4°. |
| | ei | 46 48 | |
| | eiPP | 50 25.6 | |
| 19 | iPn | 08 11 38.1 | Germany. D=3.5°, Dc=3.6°. |
| | i | 11 44.1 | |
| | iPg | 11 50 | |
| | i | 12 28 | |
| | iSg | 12 39.0 | |
| 19 | eiP | 09 00 30.6 | C. Sumatra. Dc=88.2°. |
| | ei | 00 51.5 | |
| 19 | eiPKIKP | 10 04 11 | New Hebrides. Dc=145.6°. |
| | eipPKIKP | 04 44 | |
| | ei | 05 50.6 | |
| 19 | eiPKP | 14 15 42.5 | South Pacific Cordillera. Dc=160.3°. |
| | e | 20 05 | |
| 19 | eP | 15 54 54 | California. Dc=85.8°. |
| 19 | eiPKIKP | 16 22 10 | New Britain Region 6.3°S 151.6°E, H=16 03 11.5, h=26km (ISC). M=5.3 USCGS, 5.1 ISC. Dc=124.6°. |
| 20 | eiPKIKP | 04 03 31 | Tonga Islands. Dc=152.6°. |
| | ei | 03 41 | |
| 20 | eiPKIKP | 21 17 42.5 | Samoa Islands. Dc=146.7°. |
| 20 | eiP | 23 29 57 | Western Asia 30.6°N 50.1°E, H=23 23 24.6, h=54km (ISC). M=4.9 ISC, 4.6 USCGS, Dc= 33.2°. |
| 20 | eiPKIKP | 00 46 06 | Loyalty Islands 22.5°S 170.4°E, H=00 26 23.4, h=30km (ISC). M=4.7 USCGS, 4.6 ISC. Dc=147.8°. |

| Date | Phase | h m s | Remarks |
|------|---------|------------|---|
| 21 | e | 01 20 15 | ei 20 22.5, Lm 20 29. |
| 21 | eiP | 01 50 33 | D. Ryukyu Islands. Dc=82.9°. |
| | eipP | 51 24 | |
| | ei | 54 35 | |
| 21 | eiP | 03 34 48.5 | C. North Atlantic Ocean. Dc=44.6°. |
| | ei | 35 16 | |
| | ei | 35 47 | |
| 21 | eP | 06 30 06 | Near Coast of Libya 32.8°N 21.4°E, H=06 26 03.5, h=24km (ISC). M=4.2 USCGS. Dc=17.3°. |
| 21 | ei | 10 30 04 | ei 30 12. |
| 21 | ei | 10 35 06 | |
| 21 | eiSg | 14 30 34.8 | |
| 21 | eSg | 15 36 19 | Lm 36 22. |
| 21 | eP | 15 53 21 | Southern Persia 27.3°N 55.3°E, H=15 46 01.9, h=41km (ISC). M=4.5 USCGS. Dc=39.0°. |
| 21 | eiPKIKP | 17 22 25 | Tonga Islands. Dc=152.5°. |
| | ei | 22 34.6 | |
| 22 | eiP | 00 04 25.5 | Kurile Islands. Dc=78.0°. |
| 22 | eP | 04 36 07 | Burma. Dc=71.8°. |
| | ei | 36 14 | |
| | eiPP | 38 54.8 | |
| 22 | eiP | 07 39 44.2 | Aleutian Islands. 50.6°N 172.8°W, H=07 27 34.4, h=36km (ISC). M=4.6 USCGS, 4.5 ISC. Dc=80.4°. |
| 22 | e | 09 53 50 | New Guinea. Dc=110.4°. |
| | ePP | 54 43 | |
| | ei | 54 56 | |
| 22 | e | 12 56 49 | e(Sg) 57 21.5. |
| 22 | e | 12 57 54 | e(Sg) 58 46. |
| 22 | eP | 13 02 04 | Japan. MPV=5.2 Kašperské Hory. Dc=82.4°. |
| | ei | 02 14.5 | PV: 1.9s 36 mμ. |
| 22 | eiP | 17 35 03.7 | D. ei 35 15.5. |
| 22 | eiPKIKP | 20 20 42.5 | C. New Britain. Dc=123.7°. |
| | i | 20 55.0 | |
| | eiPP | 22 27.5 | |

| Date | Phase | h m s | Remarks |
|------|---|---|--|
| 22 | iP ei ei eiPP eiPPP eiPS | 22 20 23.8 20 30 21 28 23 33 25 24 31 39 | C. Japan. MPV=6.4 Kašperské Hory. Dc=83.0°. PV: 2.2s 530 mμ. |
| 23 | eiP | 04 10 59.5 | Kamchatka 52.7°N 159.5°E, H=03 59 22.8, h=33km(ISC). M=5.4 USCGS. Dc=74.5°. |
| 23 | ePn eiSn | 09 53 31 54 31.5 | Italy 43 3/4°N 10 1/2°E, H=09 52 05 (BCIS). Dc=5.8°. |
| 23 | eSg | 12 38 44 | Lm 38 59.5. |
| 23 | e | 12 40 13 | eiSg 40 36. |
| 23 | ePg | 14 27 53 | D=1.1°. eiSg 28 09. |
| 23 | ePKIKP | 16 10 17.5 | West of Tonga. Dc=146.6°. |
| 23 | ei | 17 12 09 | ei 13 33, eiSg 13 36.5. |
| 23 | e | 23 19 02 | |
| 24 | ePKIKP eiPKP2 | 03 25 04.7 25 28.6 | Tonga Islands. Dc=154.5°. |
| 24 | e | 09 58 20.5 | |
| 24 | e | 10 33 02 | |
| 24 | e(Sg) | 10 45 12.5 | |
| 24 | e | 18 27 42 | Lm 27 54. |
| 24 | eP ei | 20 50 21 50 39.5 | Sumatra. Dc=81.2°. |
| 25 | e | 00 03 21 | ei 04 51.5, ei(Sg) 06 04. |
| 25 | ePKP2 | 01 48 13 | Kermadec Islands 31.2°S 177.6°W, H=01 27 36.6, h=33km(ISC). M=4.3 ISC, USCGS. Dc=160.0°. |
| 25 | ePKIKP eiPKP2 | 02 21 08.2 21 32 | Tonga Islands. Dc=154.2°. |
| 25 | e | 09 30 39 | eiSg 30 54.5. |
| 25 | eiP eiPP | 11 05 54 08 06 | Mid Atlantic Ridge. MPV=4.9 Kašperské Hory. Dc=58.3°. PV: 1.5s 20 mμ. |
| 25 | eiP | 14 49 28 | Japan. MPV=5.5 Kašperské Hory. Dc=81.1°. PV: 1.1s 53 mμ. |

| Date | Phase | h m s | Remarks |
|------|-------------------|--------------------------------|---|
| 25 | eiP | 14 54 42.0 | Japan. MPV=5.2 Kašperské Hory. Dc=81.1°. PV: 1.3s 32 mμ. |
| 25 | iP e eiPP | 15 05 47.5 08 36 08 46.5 | C. Japan. MPV=5.6 Kašperské Hory. Dc=81.1°. PV: 1.1s 66 mμ. |
| 25 | eiP eiPP | 15 55 55.5 57 34 | C. Kirgiz. MPV=4.8 Kašperské Hory. Dc=42.8°. PV: 1.5s 27 mμ. |
| 25 | eiPKIKP | 16 08 48 | New Guinea. Dc=125.7°. |
| 25 | eiP ei | 20 16 16.2 16 37 | North Atlantic Ocean. Dc=30.2°. |
| 26 | e | 12 10 03 | eiSg 10 33.5 |
| 26 | e | 12 12 03 | e(Sg) 12 52. |
| 26 | eiP | 14 00 34 | Kurile Islands 49.4°N 159.2°E, H=13 48 40.3, h=33km(ISC). M=4.5 USCGS, 4.4 ISC. Dc=77.5°. |
| 26 | eiPg iSg Lm | 17 52 57.5 53 14 53 24 | D=1.4°. |
| 26 | ePKIKP eiPP | 21 52 34 53 13.5 | South Georgia Island. Dc=112.3°. |
| 27 | eP | 01 20 41 | Eastern Siberia 67.3°N 139.9°E, H=01 10 53.3, h=5km(ISC). M=4.6 USCGS, 4.5 ISC. Dc=57.1°. |
| 27 | eiP eiPP | 05 21 10 24 06 | Aleutian Islands. Dc=78.2°. |
| 27 | e e eSg | 10 57 57.5 58 22 58 36 | Poland. Dc=3.6°. |
| 27 | ePg | 12 02 20.5 | D=1.1°. eiSg 02 35.5. |
| 27 | e | 12 49 35 | e(Sg) 49 41.5. |
| 27 | e | 13 49 19 | |
| 27 | eiP | 20 51 39.5 | Kurile Islands. MPV=5.3 Kašperské Hory. Dc=78.3°. PV: 1.0s 24 mμ. |
| 28 | e | 04 10 36 | eSg 11 09. |

| Date | Phase | h m s | Remarks |
|------|--------------------------|------------------------------|---|
| 28 | eiPKIKP eiPKP2 ePP | 05 26 36 27 08.5 30 37 | Kermadec Islands. Dc=157.1°. |
| 29 | eiP ei | 14 01 24.5 01 52 | Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=78.6°. PV: 1.2s 19 mp. |
| 29 | iP ei | 23 26 11.7 26 53.7 | D. North Atlantic Ridge. MPV=5.1 Kašper- ské Hory. Dc=28.4°. PV: 1.5s 45 mp. |
| 30 | iPKIKP ei | 07 25 19 25 28 | West of Tonga. Dc=150.4°. |
| 30 | eiPKIKP ei | 07 26 29.5 26 39 | West of Tonga. Dc=150.4°. |
| 30 | eiP ei | 23 58 53 59 13 | Gulf of Alaska. Dc=70.2°. |

| Date | Phase | h m s | Remarks |
|------|------------------------------------|---|--|
| 1 | e eiSg | 08 09 05.5 09 17.5 | Poland. Dc=3.6°. |
| 1 | iP ei eiPP | 09 04 15.7 04 52.7 07 15 | D. Aleutian Islands. MPV=6.1 Kašperské Hory. Dc=80.4°. PV: 2.4s 605 mp. |
| 1 | ei | 10 05 34.5 | ei 05 52.7. |
| 1 | e | 10 44 34 | |
| 1 | e | 12 01 06 | Lm 01 11. |
| 1 | eiP | 12 15 14.7 | Aleutian Islands 50.2°N 178.3°E, H=12 03 05.5, h=31km (ISC). M=4.5 USCGS, 4.4 ISC. Dc=80.4°. |
| 1 | ePg | 12 52 46 | D=3.2°. eiSg 53 27.5. |
| 1 | e | 12 58 38 | ei 59 45.7, ei 13 00 26.5. |
| 1 | e(Sg) | 13 30 51.5 | Lm 30 53. |
| 1 | eiPKIKP iPKHKP ipPKIKP ei | 13 41 07 41 10.5 43 17.3 43 49 | New Hebrides. Dc=147.0°. |
| 1 | eP | 13 51 43 | |
| 1 | eP ei | 18 40 54.5 42 40 | Italy 39 1/4°N 16 1/4°E, H=18 38.5 (BCIS). Dc=10.0°. |
| 1 | eiPKIKP e | 20 03 54 04 00 | West of Macquarie Island. Dc=146.7°. |
| 1 | ePKP e eiPP | 22 52 57 53 42.5 53 52.2 | South Sandwich Islands 60.6°S 24.9°W, H=22 34 25.2, h=33km (ISC). M=5.9 USCGS, 5.7 ISC. Dc=113.7°. |
| 1 | ePKIKP | 22 58 02 | New Britain Region 6.2°S 151.7°E, H=22 39 04.2, h=38km (ISC). M=5.0 USCGS, 4.9 ISC. Dc=124.6°. |
| 2 | eiP | 08 45 23.7 | Sunda Strait. Dc=94.8°. |
| 2 | ePg eiSg | 08 55 19.5 55 40 | Explosion of 6.3 Tons. Dc=162km. |
| 2 | eSg | 09 08 43 | |
| 2 | eiP | 12 20 25 | Japan 31.3°N 141.7°E, H=12 07 40.0, h=51km (ISC). M=5.0 USCGS, 4.7 ISC. Dc=87.5°. |
| 2 | e | 13 33 45 | |

| Date | Phase | h m s | Remarks |
|------|-----------------------|--|---|
| 2 | eiSg | 16 31 36.5 | Poland. Dc=3.6°. |
| 2 | e | 16 52 45 | |
| 3 | eiP ei | 05 25 34.5 26 03 | Atlantic-Indian Ridge. Dc=92.2°. |
| 3 | eP | 10 58 18.5 | C. Aleutian Islands. Dc=78.7°. |
| 3 | iP ei ei ei | 14 57 17.3 57 34.5 58 58.5 15 01 07 | C. Kurile Islands. MPV=6.1 Kašperské Hory. Dc=76.8°. PV: 1.2s 187 mp. |
| 3 | eiPKIKP eiPP | 16 33 45.5 35 21.5 | Chile. Dc=120.0°. |
| 4 | eiP | 00 14 27 | D. Aleutian Islands. MPV=4.9 Kašperské Hory. Dc=77.2°. PV: 1s 11 mp. |
| 4 | eiPKIKP eiPP ei | 00 32 14 33 52.3 35 19 | New Guinea. Dc=122.4°. |
| 4 | eiP | 01 38 26 | C. Taiwan. MPV=5.1 Kašperské Hory. Dc=83.5°. PV: 1s 13 mp. |
| 4 | e | 03 49 34 | ei 49 43.5. |
| 4 | eP eiPcP | 04 25 03.6 25 10 | Oregon. Dc=81.5°. |
| 4 | eP | 06 35 59 | Panama-Costa Rica 8.7°N 83.0°W, H=06 23 05.7, h=39km. M=4.9 ISC, USCGS, Dc=87.7°. |
| 4 | eSg | 09 37 10.2 | |
| 4 | e | 12 48 06 | eiSg 48 32.7, Lm 48 56. |
| 5 | eP ei | 00 19 17 19 41.8 | Mexico 17.0°N 94.5°W, H=00 06 31.4, h=113km (USCGS). M=3.5 USCGS. Dc=88.6°. |
| 5 | eiP ei | 00 27 41 28 06.5 | C. Canada. MPV=5.0 Kašperské Hory. Dc=62.9°. PV: 1.1s 13 mp. |
| 5 | eP ei | 09 56 05.3 56 15.5 | Mid-Indian Rise. Dc=77.6°. |
| 5 | e | 10 14 16 | Lm 14 23. |
| 5 | ePKIKP eiPKP2 | 22 02 05.5 02 21.5 | Tonga Islands. Dc=152.1°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|---------------------------------------|---|
| 6 | e ei eiSg Lm | 07 02 28 02 32.7 02 59 03 06 | |
| 6 | eiPg | 07 09 40 | D=1.8°. eiSg 10 04. |
| 6 | eiP eiPP | 08 13 35 15 54 | India-China. MPV=5.0 Kašperské Hory. Dc=63.9°. PV: 0.8s 9 mp. |
| 6 | eiPKHKP ei | 08 39 11 39 31 | Tonga Islands. Dc=152.4°. |
| 6 | e | 10 31 08 | eiSg 31 14.7. |
| 6 | ePKIKP | 11 08 14 | South of Australia. Dc=145.6°. |
| 6 | e(Sg) | 11 59 06 | Lm 59 20. |
| 6 | e | 12 40 52 | eiSg 41 18, Lm 41 40. |
| 6 | e | 12 54 03 | ei(Sg) 54 47. |
| 6 | ePKIKP | 15 08 30 | Fiji Islands. Dc=145.7°. |
| 6 | eiP eipP eiPP | 15 42 40.7 43 23.5 44 23.7 | Hindu Kush. Dc=42.5°. |
| 6 | ePKIKP | 18 04 25 | Tonga Islands. Dc=147.9°. |
| 6 | eiP ei | 18 07 20.2 08 22 | D. Caucasus. Dc=23.5°. |
| 6 | eP | 18 43 17.5 | Iceland. Dc=24.7°. |
| 6 | eP ei | 19 55 02 55 16 | Indian Ocean. Dc=89.2°. |
| 7 | eiPKHKP ei | 01 28 58.2 29 11.2 | C. Tonga Islands. Dc=151.8°. |
| 7 | eiP ei eiPP | 03 48 49.3 49 02 52 10 | C. China Sea. MPV: 5.4 Kašperské Hory. Dc=87.7°. PV: 1s 24 mp. |
| 7 | e | 04 45 14 | |
| 7 | eiPKIKP ei eiPKP2 | 07 17 17.5 17 26 17 40.7 | Fiji Islands. Dc=153.5°. |
| 7 | ePKP | 09 00 14 | New Hebrides 17.6°S 167.6°E, H=08 40 35.0, h=25km (ISC). M=4.8 USCGS, 4.6 ISC. Dc=142.2°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|---|--|
| 7 | eSg | 09 04 37 | Lm 04 40. |
| 7 | eiPKHKP | 09 38 49 | New Hebrides. Dc=142.1°. |
| 7 | ePn ei ei eiSg | 10 08 16 08 40.6 09 22 10 21.8 | France. D=6.7°, Dc=6.8°. |
| 7 | e | 11 12 21 | Lm 12 23. |
| 7 | ePKIKP | 11 35 21 | Tonga Islands. Dc=151.7°. |
| 7 | e | 12 37 32 | |
| 7 | eSg | 14 07 44 | |
| 7 | eiP ei | 14 18 13.6 18 24 | C. Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=79.0°. PV: 1.2s 19 mp. |
| 7 | e | 15 00 17 | eSg 00 28, Lm 00 33. |
| 7 | eiPKP2 | 17 25 12 | Kermadec Islands. Dc=159.3°. |
| 7 | e | 18 28 51 | eiSg 29 05. |
| 7 | ei | 20 31 32 | |
| 7 | e | 23 16 10 | ei 17 01, ei 17 44.5. |
| 7 | e | 23 40 08.5 | ei 40 25.7. |
| 8 | eiP | 01 55 35 | Mid Indian Rise. Dc=78.5°. |
| 8 | eiP | 04 17 00.5 | Aleutian Islands. MPV=4.8 Kašperské Hory. Dc=76.7°. PV: 1s 9 mp. |
| 8 | iP ei eiPP | 06 07 43 08 30 09 11.5 | C. Kazakhstan. MPV=5.3 Kašperské Hory, Dc=40.8°. PV: 1s 64 mp. |
| 8 | eiPg eiSg Lm | 12 02 49.7 02 54.3 02 58 | D=40 km. |
| 8 | eiPKIKP | 12 36 34.7 | Tonga Islands. Dc=152.7°. |
| 8 | ei | 12 48 31 | ei 48 39. |
| 8 | e | 13 07 54 | |
| 8 | ePn eiPg eiSg | 15 30 47 30 53.5 31 25.3 | Explosion of 16.2 Tons (Germany). D=2.5°, Dc=2.6°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------|--------------------------------|---|
| 8 | eiP | 16 14 41.6 | Aleutian Islands 52.6°N 174.4°W, H=10 02 41.2, h=29km. M=4.6 USCGS, 4.5 ISC. Dc=78.5°. |
| 8 | eiP | 16 44 35.8 | C. Aleutian Islands. MPV=5.3 Kašperské Hory. Dc=79.4°. PV: 1s 29 mp. |
| 8 | eiPKIKP eiPKP2 eiPP | 22 19 35.8 20 02 23 34.5 | Fiji Islands. Dc=155.2°. |
| 9 | eiPg eiSg Lm | 08 59 11 59 20.5 59 25 | Explosion. Dc=82km. |
| 9 | eiP ei | 13 36 10 36 14.7 | Japan. Dc=84.6°. |
| 9 | eiPg | 15 03 43.8 | ei 04 13.6, ei 04 23. |
| 10 | eP | 00 47 59.9 | Aleutian Islands 51.7°N 175.3°W, H=00 35 58.9, h=50 km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=79.2°. |
| 10 | ePg eiSg ei | 05 23 58 24 33 24 52.5 | Austria. D=2.7°, Dc=2.2°. |
| 10 | eiP ei | 10 33 34.6 33 45 | Ryukyu Islands. MPV=5.3 Kašperské Hory. Dc=85.1°. PV: 1.4s 28 mp. |
| 10 | e eiPP | 17 44 53 45 17.4 | Sandwich Islands. Dc=113.8°. |
| 11 | e | 00 55 56 | |
| 11 | eo | 06 42 16.5 | |
| 11 | eSn e | 09 14 25.5 14 36 | Poland 50.4°N 18.8°E, H=09 12 47 (Warsaw.). Dc= 3.6°. |
| 11 | eSg | 10 44 29 | |
| 11 | eSg | 11 28 36 | Lm 28 44. |
| 11 | e | 12 39 31 | ei 39 39, ei 40 06. |
| 11 | eP | 20 13 31 | Kurile Islands. Dc=79.5°. |
| 12 | ePKIKP | 05 20 57 | Dc=153.0°. |
| 12 | eiP | 06 39 20.2 | Aleutian Islands 52.1°N 174.8°W, H=06 27 19.2, h=37km (ISC). M=5.1 USCGS, 5.0 ISC. Dc=78.8°. |

| Date | Phase | h m s | Remarks |
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| 12 | e eiPKP2 | 07 07 27 07 37 | Kermadec Islands. Dc=158.1°. |
| 12 | eiPKIKP eiPKP2 | 07 47 24.8 47 40.6 | Loyalty Islands. Dc=148.2°. |
| 12 | eiP ei | 08 27 33.5 27 45 | Gulf of Alaska. Dc=70.4°. |
| 12 | ei | 10 30 58 | ei 31 19.2. |
| 12 | eSg | 11 01 37 | Lm 01 43. |
| 12 | eSg | 11 14 51 | Lm 15 05. |
| 12 | eSg | 11 37 26 | Lm 37 30. |
| 12 | eiP eiPcP ei eiPP | 13 52 36.6 52 46 53 48.6 55 27 | C. Kodiak Island. MPV=4.8 Kašperské Hory. Dc=74.4°. PV: 1.2s 12 mp. |
| 12 | e | 13 59 26 | |
| 12 | eiP | 15 09 54.6 | D. Kodiak Island 56.2°N 153.8°W, H=14 58 15.0, h=24km (ISC). M=4.3 ISC, 4.2 USCGS, Dc=74.5°. |
| 12 | eiPg eiSg Lm | 15 17 36.5 17 42.5 17 46 | D=51km. |
| 12 | eiSg | 16 22 58.5 | Lm 23 01. |
| 12 | e | 16 28 28 | |
| 12 | eSg | 16 47 21 | |
| 12 | eP | 18 37 48 | Crete. Dc=17.5°. |
| 13 | eiP | 03 59 00.5 | Jan Mayen. Dc=27.1°. |
| 13 | eiSg | 10 31 30 | Lm 31 39. |
| 13 | e | 11 15 08 | eiSg 15 14. |
| 13 | e | 12 51 01 | eiSg 51 11. |
| 13 | iPKIKP ei | 15 06 09.5 06 45 | C. Loyalty Islands. Dc=148.2°. |
| 13 | ei | 15 19 50 | ei 20 46. |
| 13 | ePKIKP | 15 33 11.5 | New Hebrides. Dc=140.9°. |
| 13 | eP | 15 55 18.6 | Japan. Dc=82.3°. |

| Date | Phase | h m s | Remarks |
|------|--------------------|------------------------------|--|
| 13 | eiPKIKP ei | 15 57 20 57 31.5 | Loyalty Islands. Dc=148.1°. |
| 13 | eiPg eiSg | 16 19 33.5 20 36.4 | Switzerland. D=4.9°, Dc=4.8°. |
| 13 | e | 16 48 48 | ei 49 03.5. |
| 14 | e | 04 55 20 | Poland 50.4°N 18.8°E, H=04 53 28.1, M=5.6 (Warsaw). Dc= 3.6°. |
| 14 | eiP | 08 14 38 | Japan. Dc=83.9°. |
| 14 | eiPg eiSg Lm | 08 59 10 59 18.2 59 23 | D=68km. |
| 14 | ePg eiSg Lm | 10 34 20 34 37.2 34 53 | D=1.3°. |
| 14 | ei | 10 44 31 | ei 45 13. |
| 14 | ePg eiSg Lm | 10 52 20 52 45.2 53 02 | D=1.9°. |
| 14 | eSg | 12 33 00.5 | Lm 33 06. |
| 14 | e | 12 43 39.5 | eiSg 43 42.5, Lm 44 05. |
| 14 | eSg | 13 11 14.5 | |
| 14 | e | 20 36 15.5 | eiSg 36 20.5. |
| 15 | ePKIKP | 07 53 41 | New Hebrides 18.0°S 169.0°E, H=03 34 36.2, h=234km (ISC). M=4.7 ISC, 4.6 USCGS. Dc=143.1°. |
| 15 | e | 09 55 43 | ei 55 54, ei 56 02. |
| 15 | e | 12 58 45 | |
| 15 | eiP ei | 14 30 07 30 22.5 | Andaman Islands. MPV=5.2 Kašperské Hory. Dc=72.8°. PV: 1s 19 mp. |
| 15 | eiSg | 14 45 29.8 | |
| 15 | e | 18 45 24 | |
| 16 | e | 08 40 47.3 | |
| 16 | eiP | 10 49 38 | Crete 34.7°N 24.4°E, H=10 45 42.5 (Athens). Dc=16.5°. |

| Date | Phase | h m s | Remarks |
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| 16 | ePg | 12 01 21 | D=2.6°. eiSg 01 55. |
| 16 | iP | 14 35 41.5 | Costa Rica. Dc=87.8°. |
| 16 | e | 15 32 59.5 | Poland 50.4°N 18.8°E, H=15 31 09.7, M=2.5 (Warsaw). Dc=3.6°. |
| 16 | eiP | 20 13 16.5 | D. Komandorsky Islands. MPV=5.4 Kašperské Hory. Dc=72.4°. PV: 1.4s 48 mp. |
| 16 | eiP ei ePP | 20 13 16 13 22.5 15 52 | D. Komandorsky Islands. MPV=5.4 Kašperské Hory. Dc=72.4°. PV: 1.4s 48 mp. |
| 16 | eiPKIKP ei | 22 33 50.5 34 04 | C. Tonga Islands. Dc=145.8°. |
| 16 | eP | 22 58 10 | Kamchatka. Dc=75.3°. |
| 16 | eiPKIKP | 23 51 45.8 | D. West of Tonga. Dc=149.1°. |
| 17 | eiPKIKP ei ei eiPP | 02 12 42 12 47.8 13 59 14 49.8 | Salomon Islands. Dc=128.4°. |
| 17 | eiPKIKP ei eiPP | 04 14 51 15 55.5 18 24.8 | Tonga Islands, Dc=146.1°. |
| 17 | ePg | 08 23 57.2 | D=2.5°. eiSg 23 30. |
| 17 | eiP | 11 27 48 | Turkey. Dc=21.1°. |
| 17 | e | 12 17 24 | eiSg 17 34. |
| 17 | eP | 18 01 08 | Japan 34.2°N 139.2°E, H=17 48 37.8, h=20km(ISC). M=4.5 ISC, USCGS. Dc=83.9°. |
| 18 | ei | 02 47 59.4 | |
| 18 | eiPKIKP | 08 42 11.4 | D. Loyalty Islands. Dc=148.0°. |
| 18 | eiP ei eiPP | 10 29 55.3 30 01.4 31 44 | C. Alma-Ata. Dc=44.1°. |
| 18 | e | 12 56 17 | eiSg 56 38. |
| 18 | e | 13 43 41 | eiSg 43 52. |
| 18 | eSg | 14 21 48 | Lm 22 05. |
| 18 | eiP | 14 36 18.4 | Turkey. Dc=14.5°. |

| Date | Phase | h m s | Remarks |
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| 18 | ePg | 14 47 55.5 | D=1.5°. eiSg 48 14. |
| 18 | e | 16 54 53.5 | eiSg 55 25.2. |
| 18 | e eiPP ei | 22 07 45.5 08 35 09 03.5 | Halmahera. Dc=106.0°. |
| 19 | e | 06 56 27.5 | ei 57 14.6. |
| 19 | e | 08 33 12 | |
| 19 | e | 08 56 03 | ei 56 08. |
| 19 | eiP | 09 12 31.2 | C. Kurile Islands. Dc=79.2°. |
| 19 | e | 10 35 06 | |
| 19 | e | 12 40 40 | eiSg 40 45.6. |
| 19 | eiP eiPcP ei ei | 21 00 41 00 55.5 01 04.4 01 29.8 | C. Aleutian Islands. MPV=5.7 Kašperské Hory. Dc=77.6°. Dc=77.6°. PV: 1.2 s 72 mp |
| 19 | eP ei | 22 06 12 06 58.4 | Greece-Albania. Dc=10.2°. |
| 20 | ei | 10 34 08 | |
| 20 | iP ei | 11 20 16.2 20 31.2 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=79.3°. PV: 1.2s 84 mp. |
| 20 | eiPg | 13 00 26 | D=17km. iSg 00 28. |
| 20 | eiPKIKP | 14 29 36.2 | Samoa Islands 14.1°S 172.4°W, H=14 10 07.9, h=70km(ISC). M=4.3 USCGS. Dc=144.7°. |
| 20 | eSg | 23 06 43.8 | Poland 50.4°N 19.0°E, H=23 04 43.7 (ISC). M=2.7 (Warsaw). Dc=3.8°. |
| 21 | eiP ei eiPP | 00 07 28.8 08 05 10 52.5 | Near Coast of Nicaragua. MPV=5.7 Kašperské Hory. Dc=86.7°. PV: 1s 51mp. |
| 21 | eiPKIKP | 00 46 29 | New Hebrides. Dc=145.5°. |
| 21 | ePg eiSg Lm | 07 12 58.2 13 11 13 14 | Explosion of 11 Tons. Dc=110km. |
| 21 | e | 12 54 51 | eiSg 55 06.7. |

| Date | Phase | h m s | Remarks : |
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| 21 | e | 12 59 29 | eSg 59 48. |
| 21 | eiP | 16 05 17 | China. Dc=49.0°. |
| 21 | e | 21 09 53 | |
| 22 | e | 06 16 14 | Poland. Dc=3.8°. |
| | ei | 16 59 | |
| 22 | e | 07 44 45 | |
| 22 | e | 11 08 05 | |
| 22 | e | 12 43 17 | eiSg 43 29.5, Lm 43 35. |
| 22 | e | 13 03 45 | eSg 04 14.4. |
| 22 | e | 13 06 44 | eiSg 07 22. |
| 22 | ePg eiSg Lm | 14 00 21 00 26.8 00 30 | D=50km. |
| 22 | eiP | 16 38 30 | Pribiloff Islands 56.6°N 169.7°W, H=16 26 48.4, h=7km (ISC). M=4.7 ISC, USCGS. Dc=74.6°. |
| 22 | eiPKIKP | 20 37 29.2 | C. Samoa Islands 15.0°S 173.8°W, H=20 17 51.6, h=33km (ISC). M=4.6 USCGS. Dc=145.4°. |
| 23 | iP ei | 06 12 45.2 12 56 | C. Aleutian Islands. MPV=5.6 Kašperské Hory. Dc=77.4°. PV: 1s 54 mp. |
| 23 | ePKIKP eiPKP2 | 08 34 50.3 35 10.3 | West of Macquarie Island. Dc=150.7°. |
| 23 | eiPKIKP ei | 08 53 41.5 53 50 | West of Macquarie Island. Dc=150.8°. |
| 23 | e | 10 11 03.5 | eiSg 11 12, Lm 11 16. |
| 23 | e | 11 35 53 | eiSg 36 04.5. |
| 23 | e | 20 17 15 | eSg 17 23. |
| 24 | eiP ei ei ei ei | 06 28 20.8 28 20 28 50 29 30 30 07 | Russia. Dc=6.1°. |
| 24 | e | 11 42 30.6 | ei 43 24.5. |

| Date | Phase | h m s | Remarks |
|------|--------------------------|---------------------------------------|--|
| 24 | iPn iPg eiSn ei | 12 18 10.5 18 31 19 04 19 19 | C. Switzerland. D=4.9°, Dc=5.0°. |
| 24 | eP ei | 14 45 26.8 46 26 | Talaud Islands. Dc=101.2°. |
| 24 | eP ei | 16 44 06 46 20.7 | Ionian Sea 37.8°N 20.6°E, H=16 41 09.7, h=24km (ISC). M=4.2 USCGS. Dc=12.4°. |
| 24 | eiP | 17 53 49.8 | Alaska 55.8°N 161.4°W, H=17 42 13.1, h=82km (ISC). M=3.8 USCGS. Dc=75.4°. |
| 24 | eP | 18 26 35.8 | |
| 24 | iP i ei | 18 26 53.2 26 59.8 28 36.4 | Kurile Islands. Dc=76.4°. |
| 24 | eiP eiPcP | 18 57 36.8 57 49 | Kurile Islands. MPV=4.7 Kašperské Hory. Dc=79.1°. Dc=79.1°. PV: 1s 8 mp. |
| 24 | eP ei | 20 38 56.5 39 05.8 | Philippine Islands. Dc=86.6°. |
| 24 | eiPKIKP ei | 21 28 27.5 28 31 | C. West of Tonga. Dc=147.2°. |
| 24 | eP ei | 22 23 45 25 21 | Greece - Albania 39.9°N 19.7°E, H=22 21 07.5 (Athens). M=4.5 Athens. Dc=10.2°. |
| 25 | eiP ei | 00 27 38.5 27 51.2 | Ryukyu Islands. Dc=85.0°. |
| 25 | eiPg eiSg Lm | 08 33 04 33 16 33 21 | D=0.9°. |
| 25 | iPKIKP ei | 08 58 11.8 58 32.6 | C. Loyalty Islands. Dc=147.4°. |
| 25 | eSg | 10 29 54 | Lm 29 58. |
| 25 | ei | 12 48 52.3 | eiSg 49 12.5. |
| 25 | ePg | 14 44 33 | D=1.4°. eiSg 44 51. |
| 25 | eiP ei | 15 32 49.1 32 59.8 | Unimak Island. Dc=77.7°. |
| 25 | iP i i | 22 46 03.6 48 18.2 55 47 | C. Japan. MPV=5.4 Kašperské Hory. Dc=78.0°. PV: 1.5s 131 mp. |

| Date | Phase | h m s | Remarks |
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| 26 | eiPKIKP ei | 08 35 28.4 35 43.3 | D. Tonga Islands. Dc=152.1°. |
| 26 | iPKIKP i ei | 10 41 20.2 41 32.5 42 27.5 | C. Loyalty Islands. Dc=144.8°. |
| 26 | eiSg | 15 35 05 | |
| 26 | e | 15 35 38 | eiSg 37 52.5. |
| 27 | ei | 08 04 21.5 | |
| 27 | ePKIKP | 09 47 37 | Tonga Islands. Dc=149.3°. |
| 27 | eiPg ei eiSg Lm | 10 00 29.3 00 31.5 00 43.8 00 52 | Explosion of 9 Tons. Dc=108km. |
| 27 | e eiSg Lm | 12 00 05 00 14.3 00 16.5 | Explosion of 4.5 Tons. Dc=62 km. |
| 27 | e | 12 02 06 | |
| 27 | e ei ei | 12 46 44 47 08.3 48 18.5 | |
| 27 | eiPKIKP | 18 12 41.5 | West of Tonga. Dc=147.5°. |
| 27 | iP ei | 22 51 38.3 51 41.5 | C. Japan. MPV=5.3 Kašperské Hory. Dc= =75.7°. PV: 1s 27 mμ. |
| 28 | eiP ei | 01 58 42 58 51.5 | C. Aleutian Islands. Dc=78.4°. |
| 28 | eP | 04 30 10 | Greece 38.4°N 22.4°E, H=04 27 12.9, h=29km (ISC). M=4.5 USCGS, 4.4 ISC. Dc= 12.4°. |
| 28 | eiPKIKP | 06 04 50.5 | Santa Cruz Islands. Dc=137.1°. |
| 28 | e | 12 39 46 | eiSg 40 07.6. |
| 28 | e | 12 49 08 | eiSg 49 12. |
| 28 | e | 13 11 33 | eiSg 11 37.2. |
| 28 | eiPn eiSn ei | 14 41 29 43 08 44 26.5 | Albania. D=8.5°, Dc=8.5°. |
| 28 | ei | 14 54 44.2 | |

| Date | Phase | h m s | Remarks |
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| 28 | eiPKIKP | 17 35 28.5 | Loyalty Islands. Dc=147.1°. |
| 29 | ePKP2 | 04 29 32 | Kermadec Islands 33.3°S 178.7°W, H=04 08 51.6 h=60km(ISC). M=4.8 USCGS, 4.7 ISC. Dc=162.1°. |
| 29 | eiSg | 10 11 54 | Lm 11 59. |
| 29 | e | 12 41 36 | eiSg 41 48.6. |
| 29 | e | 13 05 57 | eiSg 06 03. |
| 29 | eiSg | 13 09 32.2 | Lm 09 37. |
| 29 | eiSg | 13 29 05 | |
| 29 | eiP | 21 12 03.5 | Aleutian Islands. MPV=5.3 Kašperské Ho- ry. Dc=79.1°. PV: 1.1s 31 mμ. |
| 30 | iPKIKP i | 07 17 21.4 17 33.2 | Tonga Islands. Dc=147.0°. |
| 30 | e | 07 20 50 | ei 20 59.8, eiSg 21 32. |
| 30 | eSg | 07 54 07 | Lm 54 16. |
| 30 | eiP | 08 58 15.2 | Kamchatka. MPV=4.8 Kašperské Hory. Dc= 75.2°. PV: 1s 11 mμ. |
| 30 | e | 14 01 31 | |
| 31 | e eiSg Lm | 04 07 17.5 08 18 08 22 | Yugoslavia. Dc=3.8°. |
| 31 | e | 11 46 03.5 | eiSg 46 31.3. |
| 31 | eiPKIKP ei | 15 22 39.3 22 53.3 | D. West of Tonga. Dc=149.7°. |
| 31 | eiP | 17 37 29.5 | South Indian Ocean 14.2°S 95.2°E, H=17 24 06.4, h=33km ca HM=5.4 (USCGS). Dc=95.3°. |
| 31 | eiP | 23 20 22.5 | D. Tadzhikistan. MPV=5.1 Kašperské Ho- ry. Dc=43.1°. PV: 1s 40 mμ. |

| Date | Phase | h m s | Remarks |
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| 1 | ei | 09 12 07.5 | |
| 1 | e | 12 46 44 | eiSg 47 07.5. |
| 1 | eiPKIKP eiPKP2 i ipPKP2 | 18 21 57 22 05.8 22 19 24 18.5 | Fiji Islands. Dc=152.6°. |
| 2 | eiPKP eiPKP2 | 01 08 10.8 08 24.5 | Fiji Islands. Dc=152.6°. |
| 2 | eiP ei | 03 30 10 30 16.5 | Aegean Sea. Dc=12.8°. |
| 3 | eiP ipP ei eiSKS eiS eiSS eiPKPPKP ei | 01 51 17 53 25 55 09.7 02 00 56 01 32 08 20 16 29 18 46 | Peru-Brazil. MPV=6.1 Kašperské Hory. Dc=93.4°. PV: 1s 220 mp. |
| 3 | eiP | 07 59 08 | North Atlantic Ocean. Dc=28.1°. |
| 3 | eP | 08 03 24 | North Atlantic Ocean. Dc=28.0°. |
| 3 | eP | 08 39 42 | North Atlantic Ocean. Dc=28.1°. |
| 3 | e | 11 34 33 | eiSg 34 47. |
| 3 | eiSg | 12 40 39.5 | Lm 40 42. |
| 3 | e | 14 41 21 | eiSg 41 33. |
| 3 | e | 15 31 58 | eiSg 32 04.5, Lm 32 09. |
| 3 | e | 15 47 24 | eiSg 47 28. |
| 3 | eiPKIKP ei ei | 18 40 18 40 50.4 43 58 | Easter Island. Dc=131.0°. |
| 3 | e | 23 29 20 | |
| 4 | ePg eiSg Lm | 08 00 41 01 07 01 22 | D=20°. |
| 4 | ePg eiSg Lm | 11 58 19 58 32.2 58 36 | D=1°. |

| Date | Phase | h m s | Remarks |
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| 4 | e | 12 40 15 | eiSg 40 40. |
| 4 | e | 13 29 30 | eiSg 29 52. |
| 4 | e | 15 02 27 | eiSg 02 44.8. |
| 5 | eiPg eiSg Lm | 00 30 49 30 05.7 30 15 | D=1.3°. |
| 5 | ei | 01 40 56 | |
| 5 | ei | 03 22 19.5 | |
| 5 | eiPKIKP | 05 19 27 | West of Tonga. Dc=147.2°. |
| 5 | e | 06 55 33 | eiSg 55 49.7. |
| 5 | eiSg | 07 59 32.5 | Lm 59 37. |
| 5 | ePg eiSg Lm | 09 59 43.5 10 00 04 00 15 | Explosion of 6.7 Tons. Dc=170km. |
| 5 | ePg eiSg | 11 59 46.5 12 00 07 | D=1.5°. |
| 5 | ePg eiSg | 12 43 50 44 11.7 | D=1.6°. |
| 5 | e | 12 56 42 | eiSg 56 23. |
| 5 | ePKIKP | 19 19 50 | New Guinea 3.1°S 143.8°E, H=19 01 02.7, h=17km (ISC). M=5.6 ISC, USCGS. Dc= 117.7°. |
| 5 | eiP | 22 15 16 | Japan. Dc=83.9°. |
| 6 | eiP ei | 06 49 48.4 49 54.6 | C. Alaska. MPV=5.3 Kašperské Hory, Dc= 69.5°. PV: 1.2s 25 mp. |
| 6 | eiP eiPP | 09 09 45 13 06.5 | Japan. Dc=84.0°. |
| 6 | eiPKIKP | 09 40 57.5 | Easter Island. Dc=130.7°. |
| 6 | ePg | 13 26 46 | D=1.1°. eiSg 27 01.5, Lm 27 13. |
| 7 | eiPKIKP eipPKIKP | 21 47 17.6 47 43.4 | C. Loyalty Islands. Dc=148.1°. |

| Date | Phase | h m s | Remarks |
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| 8 | eiP i ei | 02 04 51.5 04 58.5 05 40.7 | C. Persia. MPV=5.3 Kašperské Hory. Dc=39.3°. PV:1s 88 mp. |
| 8 | ei | 12 40 20.5 | eiSg 46 46. |
| 8 | eP | 15 16 54 | Jan Mayen. Dc=24.1°. |
| 8 | ei | 15 37 19 | |
| 8 | eP | 23 07 50 | Algeria. Dc=15.2°. |
| 9 | eP | 02 48 15 | North Atlantic Ridge 28.4°N 43.6°W, H=02 39 38.2, h=33km (ISC). M=4.6 USCGS, 4.5 ISC. Dc=47.9°. |
| 9 | e | 10 06 43 | eiSg 06 58.5. |
| 9 | eiPKP2 | 10 35 40 | Kermadec Island 34.1°S 178.2°W, H=10 15 23.6, h=75km (ISC). M=5.1 USCGS, 4.7 ISC. Dc=163.1°. |
| 9 | e eiPg eiSn | 11 11 35 11 56 12 26 | Corsica. D=5.9°, Dc=5.9°. |
| 9 | eiP | 11 50 13.2 | C. Aleutian Islands. Dc=78.2°. |
| 9 | iPn iPg eiSn iSg | 15 36 17.0 36 43.5 37 15.5 37 50 | Italy. D=5.4°, Dc=5.1°. |
| 9 | ePKIKP | 22 18 15 | Easter Island Region 22.2°S 114.0°W, H=21 59 04.9, h=33km (ISC). M=5.4 USCGS, 5.2 ISC. Dc=130.9°. |
| 10 | e | 10 11 01 | ei 11 40.5. |
| 10 | eiPKIKP | 10 18 17.5 | West of Tonga. Dc=147.4°. |
| 10 | eiPKIKP | 10 18 17.5 | West of Tonga. Dc=147.4°. |
| 10 | e | 12 37 49 | eiSg 38 04, Lm 38 13. |
| 10 | e | 12 45 29 | eiSg 45 36. |
| 10 | e | 12 50 05 | ei 50 26, eiSg 50 55.5. |
| 11 | eiPKIKP ei | 01 52 41 53 04.3 | C. Loyalty Islands. Dc=149.0°. |
| 11 | eiP | 02 33 06.5 | Aleutian Islands. Dc=78.4°. |

| Date | Phase | h m s | Remarks |
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| 11 | eiPKP2 ei | 03 11 46 11 15 | Macquarie Island. Dc=154.6°. |
| 11 | eiPKP | 09 23 05.4 | West of Tonga. Dc=150.6°. |
| 11 | ePg | 09 37 36 | D=1.3°. eiSg 37 53. |
| 11 | e | 09 48 46 | eiSg 49 01. |
| 11 | ePg | 11 43 33.5 | e 43 57. |
| 11 | ePn eiPg eiSn ei eiSg | 11 53 42 54 03 54 38 55 06 55 11 | Switzerland. D=5.1°, Dc=5.0°. |
| 11 | e | 12 08 29 | |
| 11 | eiPg ei eiSg Lm | 12 44 49.8 45 03 45 13 45 18 | D=1.7°. |
| 11 | ePg | 13 33 13 | D=1.9°. eiSg 33 37.8. |
| 11 | eiPKP2 | 17 12 39.8 | Balleny Islands. Dc=155.3°. |
| 11 | eiPKP2 | 23 10 24 | D. Kermadec Islands. Dc=158.0°. |
| 12 | eP | 01 13 21 | Aleutian Islands. Dc=77.8°. |
| 12 | eiPKP | 02 24 13 | C. Easter Island Cordillera. Dc=152.0°. |
| 12 | eiPn eiSn ei | 07 18 31 19 49.2 20 16 | Italy. D=7.0°, Dc=7.0°. |
| 12 | e | 10 45 05.5 | |
| 12 | e | 12 26 52 | eiSg 27 18, Lm 27 29. |
| 12 | e | 12 55 08.5 | eiSg 55 29.5. |
| 12 | e | 13 01 06 | ei 01 22.2, Lm 01 30. |
| 12 | ePg | 13 08 02 | eiSg 08 34.2. |
| 12 | e | 13 10 14 | |
| 12 | e | 14 13 06 | ei 14 12. |
| 12 | e | 16 07 33.5 | |
| 12 | eiP | 17 26 59.5 | Japan. Dc=87.5°. |

| Date | Phase | h m s | Remarks |
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| 12 | eiP i ei eiPP | 18 05 08.1 05 11.5 05 45 08 32.5 | D. Japan. MPV=5.4 Kašperské Hory. Dc=87.4°. PV:1.4s 32mp. |
| 12 | iP | 19 04 13.7 | D. Sea of Okhotsk. MPV=5.0 Kašperské Hory. Dc=72.5°. PV: 1s 46 mp. |
| 13 | ePg | 02 17 08 | D=1.3°. eiSg 17 25. |
| 13 | eiP i iPP iS eiSS | 04 42 39 42 56 44 49 49 47.5 53 02 | C. China. Dc=49.4°. |
| 13 | eP | 06 22 46 | West Pakistan. Dc=45.7°. |
| 13 | eiPKP ei | 07 24 41 24 50.8 | D. West of Tonga. Dc=150.4°. |
| 13 | eiP | 10 55 26 | Kodiak Island. Dc=74.1°. |
| 13 | eiPn iPg ei eiSg | 11 38 07.8 38 18.5 38 35 38 52 | Austria. D=2.9°, Dc=2.8°. |
| 13 | e | 13 03 18 | eiSg 04 06. |
| 13 | e eiPP | 18 17 36 18 13.7 | Argentina. Dc=106.6°. |
| 14 | iP i ei eiPP | 06 06 34.5 06 47 07 12 09 41 | C. Japan. MPV=5.5 Kašperské Hory. PV: 1s 67 mp. Dc=82.8°. |
| 15 | eP | 06 30 12.5 | Algeria 36.9°N 4.5°E, H=06 26 54.3, h=33km. MB=4.1 (USCGS). Dc=13.9°. |
| 15 | iP i eiPP ei | 11 28 32.0 29 17.5 30 31 32 07 | C. Central-Mid Atlantic Ridge. MPV=6.3 Kašperské Hory. Dc=56.4°. PV:2s 575mp. |
| 15 | e | 12 50 58 | ei 51 14. |
| 15 | e | 15 00 32.5 | |
| 15 | e | 15 23 47.5 | Lm 23 56. |

| Date | Phase | h m s | Remarks |
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| 16 | eiP eipP ei | 01 11 34 12 25.5 13 26.2 | Afghanistan. Dc=43.1°. |
| 16 | eiP | 01 16 44.5 | |
| 16 | eP | 06 59 32 | Philippine Islands. Dc=99.9°. |
| 16 | eSg | 10 37 14 | Lm 37 22. |
| 16 | ePg eiSg | 12 00 07 00 32.6 | Explosion of 7 Tons. Dc=238km. |
| 16 | eiP ei | 15 32 57.6 34 40 | D. North Atlantic Ridge. MPV=6.6 Kašperské Hory. Dc=44.8°. PV:2.5s 1126 mp. |
| 16 | eP | 15 49 07 | North Atlantic Ridge. Dc=44.7°. |
| 16 | eiP | 17 18 01.7 | Ryukyu Islands. Dc=84.1°. |
| 16 | iP | 23 46 52.2 | C. Kurile Islands. MPV=5.2 Kašperské Hory. Dc=77.1°. MPV=5.2 Kašperské Hory. Dc=77.1°. PV: 1s 40mp. |
| 17 | eSg | 11 02 23 | Lm 02 33. |
| 17 | eiSg | 14 02 50.5 | Lm 02 54. |
| 17 | e | 15 14 47 | |
| 17 | e | 15 29 31 | eiSg 29 38.5. |
| 17 | e | 18 20 25 | |
| 18 | e | 09 09 30 | eiSg 10 24. |
| 18 | eiPKIKP | 11 04 29 | West of Tonga. Dc=149.8°. |
| 18 | ei | 11 35 10 | |
| 18 | e | 12 44 16 | |
| 18 | iPKIKP i eipPKIKP ei ei | 20 19 15 19 19.6 21 01 22 44.5 29 05 | D. West of Tonga. Dc=148.4°. |
| 18 | eiP ei ei | 22 09 48 10 46.4 11 17.5 | D. Kamchatka. MPV=6.6 Kašperské Hory. Dc=73.7°. PV:2.5s 1558 mp. |
| 18 | eiP eiPcP | 22 20 46.7 20 58.6 | Alaska. Dc=78.1°. |

| Date | Phase | h m s | Remarks |
|------|------------------------|---|--|
| 18 | eiP | 22 41 41.5 | Sea of Japan. Dc=76.1°. |
| 19 | iP ei ei eiPP | 07 26 18.8 26 41.5 28 31.6 29 06 | C. Kurile Islands. MPV=5.9 Kašperské Hory. Dc=78.9°. PV: 1s 118mp. |
| 19 | e | 07 33 33 | eiSg 33 44. |
| 19 | e | 08 30 38 | eiSg 30 50, Lm 30 57. |
| 19 | eiPg eiSg Lm | 10 00 48 01 08.4 01 20 | D=1.5°. |
| 19 | ei | 10 31 58.4 | ei 32 03. |
| 19 | e | 11 55 12 | ei 55 41. |
| 19 | e | 12 07 28 | Lm 07 43. |
| 19 | e | 12 57 57 | eiSg 58 27. |
| 19 | e | 12 59 08 | eiSg 59 34. |
| 19 | ePg | 13 00 19 | D=2.5°. eiSg 00 50. |
| 19 | eSg | 13 36 18 | |
| 19 | eiP | 15 23 54 | Aleutian Islands. Dc=80.2°. |
| 19 | ePg | 16 10 01 | D=1.8°. eiSg 10 25. |
| 19 | eiP ei | 22 43 48.3 44 01 | Taiwan. Dc=83.7°. |
| 19 | eiP | 22 57 02.8 | |
| 20 | eiPKIKP | 04 07 31.7 | D. Samoa Islands. 14.9°S 174.6°W, H=03 47 52.8, h=5km (ISC). M=5.2 USCGS, 5.0 ISC. Dc=145.3°. |
| 20 | ePg | 08 58 43 | D=2.5. ei 49 06, eiSg 49 15.5. |
| 20 | e | 10 06 17 | eiSg 06 22.5. |
| 20 | ePKIKP | 10 15 43 | New Ireland Region 5.7°S 153.2°E, H=09 56 39.4, h=52km (ISC). M=4.9 USCGS, 4.6 ISC. Dc=124.9°. |
| 20 | e | 13 07 43 | |
| 20 | ePKIKP ei | 15 23 58.5 24 50.5 | Banda Sea. Dc=112.1°. |

| Date | Phase | h m s | Remarks |
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| 20 | eP | 20 00 47 | Greece 39.6° 22.4°E, H=19 58 10.9, h=105km (ISC). M=4.2 USCGS, 4.0 ISC. Dc=11.4°. |
| 21 | eiP | 03 13 23.5 | Lake Baikal. Dc=58.6°. |
| 21 | iP ei eiPP | 05 05 42.5 06 13.7 07 13 | C. Kazakhstan. MPV=5.4 Kašperské Hory. Dc=40.7°. PV: 1s 86 mp. |
| 21 | eiP | 06 22 49.4 | Kurile Islands 48.3°N 154.8°E, H=06 10 56.7, h=33km (ISC). M=5.0 USCGS, 4.8 ISC. Dc=77.3°. |
| 21 | eiP ei eiPKP eiPP iSKS ei eiPPS | 10 46 20.4 49 23.7 50 16 50 58.5 56 46 11 00 17 01 28 | Banda Sea. Dc=112.1°. |
| 22 | e | 12 51 16 | eiSg 51 33.6. |
| 22 | e | 13 48 28 | eiSg 48 43. |
| 22 | eiP | 14 12 26.5 | Aleutian Islands. Dc=79.0°. |
| 22 | eiP ei | 20 37 33.6 38 38 | C. Aleutian Islands. MPV=6.0 Kašperské Hory. Dc=79.3°. PV: 1s 172 mp. |
| 22 | eiP i | 20 51 53.5 51 55 | Aleutian Islands. Dc=79.1°. |
| 23 | eP ei | 01 31 14.5 35 23 | Celebes Sea. Dc=101.4°. |
| 23 | eiP | 02 29 51.6 | C. Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=79.2°. PV: 1s 27 mp. |
| 23 | e eiSg | 07 42 40 43 11 | Yugoslavia. Dc=2.8°. |
| 23 | e eiSg | 08 55 27 55 38.6 | Poland. Dc=3.6°. |
| 23 | eiPg eiSg Lm | 09 00 45 01 01 01 12 | D=1.2°. |
| 23 | eiPKIKP | 13 15 26 | Tonga Islands 17.4°S 173.5°W, H=12 55 49.0, h=85km (ISC). M=4.4 USCGS, 4.2 ISC. Dc=147.5°. |

| Date | Phase | h m s | Remarks |
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| 24 | eiP | 02 44 31.5 | Kurile Islands. Dc=78.5°. |
| 24 | eiP ei | 08 33 54 34 08 | Alaska 63.2°N 150.9°W, H=08 22 37.8, h=116km (ISC). M=5.0 USCGS, 4.9 ISC. Dc=67.2°. |
| 24 | e | 12 50 59 | eiSg 51 11. |
| 24 | e | 12 54 56 | eiSg 55 17. |
| 24 | ePg | 14 44 17.5 | D=1.9°. eiSg 44 43. |
| 24 | eiP | 14 49 15.7 | Aleutian Islands 51.7°N 174.3°W, H=14 38 10.8, h=36km (ISC). M=5.1 USCGS, 4.4 ISC. Dc=79.3°. |
| 24 | eP | 15 19 35 | Sumatra. Dc=86.1°. |
| 25 | eiPg | 01 11 35.7 | D=1.2°. eiSg 11 52. |
| 25 | eiP | 02 11 05.3 | Turkey. Dc=20.2°. |
| 25 | eiP | 03 46 40.3 | Kamchatka. Dc=73.0°. ei 46 55. |
| 25 | e | 09 31 44 | eiSg 31 53.6, Lm 31 59. |
| 25 | eSg | 10 16 40 | Lm 16 45. |
| 25 | ePKIKP | 11 09 24.5 | Pacific Ocean 17.1°S 100.2°W, H=10 50 50.8, h=143km (ISC). M=5.8 USCGS, 5.3 ISC. Dc=118.3°. |
| 25 | eSg | 11 47 27 | |
| 25 | ei | 12 04 46 | ei 05 32.2. |
| 25 | e | 12 23 47.4 | ei 23 51. |
| 25 | ePg | 12 46 11.5 | D=1.1°. eiSg 46 26.5. |
| 25 | e | 12 59 05.5 | Lm 59 08. |
| 25 | ePg eiSg Lm | 14 41 13 41 17.5 41 21 | D=38km. |
| 25 | eSn eiSg | 15 25 43.5 26 03 | Poland. Dc=3.6°. |
| 25 | eiPKP2 ei | 16 56 39 57 07 | Kermadec Islands. Dc=157.6°. |
| 25 | eiPKIKP | 22 53 40.5 | C. New Britain. Dc=122.1°. |
| 26 | eP eiPP | 00 29 56.5 33 18 | Japan. Dc=86.5°. |

| Date | Phase | h m s | Remarks |
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| 26 | eiP | 01 38 37 | Aleutian Islands 51.8°N 174.4°W, H=01 26 34.1, h=37km (ISC). M=5.0 USCGS, 4.4 ISC. Dc=79.2°. |
| 26 | eiPg eiSg Lm | 08 29 55 30 10.5 30 27 | D=1.3°. |
| 26 | e | 12 53 14.5 | eiSg 53 22.5, Lm 53 26. |
| 26 | e | 13 29 38 | eiSg 29 40, Lm 29 43. |
| 26 | eSg | 15 12 13 | Lm 12 19. |
| 26 | e | 16 33 45 | eiSg 33 50, Lm 33 56. |
| 26 | ei | 23 15 36.5 | |
| 27 | ePKIKP ei | 01 48 40.5 48 53.2 | New Britain Region 6.1°S 148.5°E, H=01 29 49.6, h=60km (ISC). M=6.0 USCGS, 5.3 ISC. Dc=122.7°. |
| 27 | eiP ei | 03 17 02.4 17 07 | Japan. Dc=87.5°. |
| 27 | eiP ei eiPP | 08 54 57 55 01.5 58 17 | Japan. MPV=5.3 Kašperské Hory. Dc=85.8°. PV: 1s 32m. |
| 27 | eiP ei | 11 06 55.8 07 17.4 | D. Mediterranean Sea. Dc=17.8°. MPV=4.1 Kašperské Hory. PV: 0.7s 11m. |
| 27 | eiPKIKP i | 12 21 03 21 06.5 | Salomon Islands. Dc=131.6°. |
| 27 | eiPn ei ei eiSg | 13 54 19 54 56.4 55 32.6 56 18.5 | Yugoslavia. D=6.7°, Dc=6.9°. |
| 27 | e | 21 55 40 | eiSg 55 55. |
| 28 | iP ei eiS | 05 29 54.5 30 44 33 02 | C. Dodecanese Islands. Dc=16.5°. |
| 28 | eiPKIKP eiPKP2 | 11 29 54.8 30 06.5 | Tonga Islands. Dc=152.1°. |
| 28 | eiPKP2 | 13 11 55 | D. Kermadec Islands. Dc=159.6°. |
| 28 | eiP | 21 44 54 | Sumatra. Dc=93.4°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|----------------------------|--|
| 29 | eiPKP ei | 04 15 27.2 16 31.5 | D. Tonga Islands. Dc=150.9°. |
| 29 | eiPKP ei | 05 07 15.4 07 24 | D. West of Tonga. Dc=150.0°. |
| 29 | iP | 09 11 50.4 | C. Kurile Islands. MPV=5.4 Kašperské Hory. Dc=77.8°. PV:1s 86mp. |
| 29 | eiPg eiSg | 12 41 31.5 41 50.8 | D=1.4°. |
| 29 | eSg | 14 01 33 | |
| 29 | ePKIKP | 15 25 30 | Tonga Islands. Dc=146.3°. |
| 30 | ePg eiSg | 10 26 59 27 13 | Explosion of 8.5 Tons. Dc=108km. |
| 30 | e | 12 59 50 | eiSg 59 53.4. |
| 30 | e | 13 08 45 | eiSg 08 48.5. |
| 30 | eSg | 13 35 58 | |
| 30 | ePg eiSg Lm | 14 30 48 30 59 31 02 | D=95km. |
| 30 | eSg | 16 24 23 | |
| 30 | eiPKP ei | 22 49 41.5 50 01 | Tonga Islands. Dc=153.1°. |

| Date | Phase | h m s | Remarks |
|------|-------------------|------------------------------|---|
| 1 | eiPg iSg Lm | 09 59 06.5 59 18 59 25 | D=98km. |
| 1 | eiP ei | 10 35 33.6 35 47 | Southern Algeria. MPV=4.9 Kašperské Hory. Dc=25.9°. PV:1s 29 mp. |
| 1 | e eiSg | 10 52 56 53 06 | Poland. Dc=3.5°. |
| 1 | e | 12 39 33 | Lm 39 44. |
| 1 | e | 13 22 56 | eSg 23 30. |
| 1 | e | 18 35 27 | |
| 1 | e | 22 31 43 | ei 32 19.4. |
| 2 | eiP ei | 06 10 46 11 13 | Aleutian Islands. MPV=5.2 Kašperské Hory. Dc=78.8°. PV:1s 26 mp. |
| 2 | eiP ei | 06 49 39 49 46.4 | Turkey 37.6°N 29.3°E, H=06 45 55.3, h=38km (ISC). M=4.7 ISC, 4.6 USCGS. Dc=16.2°. |
| 2 | eiP | 08 13 34 | Ryukyu Islands. Dc=84.0°. |
| 2 | e | 10 44 38 | eiSg 45 00.5. |
| 2 | eSg | 12 01 51 | Lm 01 56. |
| 2 | e | 15 03 48 | eiSg 03 55, Lm 04 05. |
| 2 | eiPKIKP ei | 23 57 53 58 02.2 | Samoa Islands. Dc=146.0°. |
| 3 | iPKIKP i | 07 04 54.7 05 05.4 | Tonga Islands. Dc=151.0°. |
| 3 | ei | 12 17 52 | |
| 3 | eSg | 12 47 14 | Lm 47 18. |
| 3 | ePg eiSg | 14 00 32 00 50 | D=1.4°. Explosion? |
| 3 | eiSg | 14 01 10 | Lm 01 25. |
| 3 | eiP | 15 25 30.2 | C. Nevada. MPV=5.4 Kašperské Hory. PV:1.1s 29 mp. |
| 3 | eiP | 17 26 10.5 | D. |
| 3 | eiPKIKP | 17 30 19 | West of Tonga. Dc=145.7°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|---|--|
| 3 | eiP ei eiPP ei | 21 25 26.7 26 02.5 27 02.5 27 19.7 | Hindu Kush. Dc=42.0°. |
| 3 | ePg ei eiSg | 21 58 57 22 00 01.7 00 13.8 | Switzerland. Dc=5.0°. |
| 4 | iP i | 02 24 01 24 16.2 | D. Aleutian Islands. MPV: 5.8 Kašperské Hory. Dc=80.1°. PV: 1.2s 94 mp. |
| 4 | eiP | 09 14 50 | |
| 4 | eiPg eiSg | 10 14 12.6 14 42.6 | Explosion of 10.5 Tons (Eschenlohe). D=2.3°, Dc=2.1°. |
| 4 | eiPg | 10 18 06 | D=1.1°. eiSg 18 21. |
| 4 | eiP ei ei eiS | 16 44 02.5 44 14 45 29.7 47 44.5 | Crete. Dc=17.6°. |
| 5 | eiP ei | 03 54 45.8 54 51 | Morocco 34.9°N 5.5°W, H=03 50 10.6, h=0km(ISC). M=4.5 4.4 USCGS. Dc=20.0°. |
| 5 | eiP | 16 43 28.7 | Taiwan. Dc=83.3°. |
| 5 | iP ei | 18 26 42.7 27 03 | C. Aleutian Islands. MPV=5.0 Kašperské Hory. Dc=77.2°. PV: 1.2s 166mp. |
| 6 | eiP | 01 34 42.7 | Aleutian Islands. Dc=79.7°. |
| 6 | eiP eiPP | 08 06 02 08 56 | Russia. MPV=5.2 Kašperské Hory. Dc=74.1°. PV: 1s 48 mp. |
| 6 | eiP ei eiPP | 11 48 15.7 51 21.7 51 56 | Mexico. Dc=94.2°. |
| 6 | e eiSg | 12 44 50 45 15.5 | |
| 6 | ei | 14 01 29 | |
| 7 | eiP | 08 49 31.5 | Crete. Dc=15.8°. |
| 7 | e | 13 27 56 | eiSg 28 06.5. |
| 7 | eiSg | 14 58 27 | Lm 58 30. |
| 7 | eiP | 14 58 44 | Tadzikistan. Dc=42.9°. |

| Date | Phase | h m s | Remarks |
|------|------------------------------|---------------------------------------|---|
| 7 | eSg | 15 08 26.5 | Lm 08 43. |
| 7 | eSg | 15 24 36 | Lm 24 43. |
| 7 | eSg | 15 32 56.5 | Lm 33 00. |
| 7 | e | 17 02 40 | |
| 7 | iPKIKP | 21 25 25.2 | C. Tonga Islands. Dc=146.0°. |
| 7 | iP ei | 22 37 57.5 38 31.8 | D. New Guinea. Dc=121.7°. |
| 8 | e | 12 41 17.5 | eiSg 41 31.5, Lm 41 34. |
| 8 | e | 12 48 42 | eiSg 49 08, Lm 49 11. |
| 8 | e | 14 00 10.5 | |
| 8 | ePg | 16 41 53 | D=1.3°. eiSg 42 10. |
| 8 | eiPKIKP iPKP2 ei ei | 18 25 04.8 25 55 27 42 30 26 | New Zealand. Dc=163.2°. |
| 8 | ePKIKP | 19 24 53.5 | Fiji Islands. Dc=149.8°. |
| 9 | eiP eiPP ei | 06 20 51.4 24 31.6 25 35.8 | C. Mexico. MPV=5.8 Kašperské Hory. Dc=91.6°. PV: 1.5s 81 mp. |
| 9 | ei | 09 14 22 | ei 14 33.6. |
| 9 | e | 10 00 11 | eiSg 00 32.6. |
| 9 | ei | 10 39 44.7 | |
| 9 | e | 12 42 56 | |
| 9 | ePg | 13 25 30 | D=1.1°. eiSg 25 45.3. |
| 9 | iPKIKP iPKP2 eipPKIKP | 13 31 25.7 31 29.7 13 33 56 | D. West of Tonga. Dc=147.5°. |
| 9 | e | 13 37 50 | eiSg 37 54.7. |
| 9 | eiPKIKP ei | 13 44 10.8 44 14.7 | West of Tonga. Dc=147.7°. |
| 9 | iP ei | 20 36 30 36 55 | C. India-China. MPV=5.3 Kašperské Hory. Dc=62.8°. PV: 1.4s 32 mp. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|---|--|
| 10 | eiPg eiSg | 10 29 25 29 47.2 | Explosion of 17.2 Tons. Dc=163km. |
| 10 | eiPg | 11 30 13 | D=1.6°. iSg 30 35. |
| 10 | e | 12 47 08 | eiSg 47 30.5. |
| 10 | eiSg | 13 49 29 | |
| 10 | eiPKIKP | 22 12 34.7 | Santa Cruz Islands. Dc=136.0°. |
| 11 | eiPKIKP eiPKP2 | 22 59 53 23 00 31 | South Kermadec Islands 32.9°S 178.6°W, H=22 39 50, h=33km(ISC). M=5.1 USCGS, 4.8 ISC. Dc=161.4°. |
| 12 | e eiSn | 02 52 28.5 52 36.5 | Alps 44.4°N 6.8°E, H=02 49 42(BCIS). Dc=6.6°. |
| 12 | eP | 04 08 40 | Mediterranean Sea 35 1/4°N 23°E, H=04 04 52(Athens). Dc=15.5°. |
| 12 | ePKIKP ei | 07 40 54 41 23.5 | Kermadec Islands 27.7°S 177.9°W, H=07 20 55.8, h=18km(ISC). M=5.0 USCGS, 4.8 ISC. Dc=156.8°. |
| 12 | ePg ei eiSg Lm | 11 47 47 48 06.5 48 11.7 48 34 | D=1.9°. |
| 12 | e | 11 59 18 | eiSg 59 48. |
| 12 | eiPKIKP ei | 17 00 11.7 00 23.5 | Tonga Islands. Dc=153.6°. |
| 12 | eP | 19 35 59.8 | Sea of Okhotsk 50.3°N 149.7°E, H=19 25 11.9, h=467km(ISC). MPV=5.3 Kašperské Hory, M=4.8 ISC, USCGS. Dc= 74.1°. PV: 1s 29 mp. |
| 12 | eiP | 22 48 49 | Atlantic-Indian. Dc=88.7°. |
| 13 | eP | 05 13 55.7 | Persia 30.9°N 51.1°E, H=05 07 17.1, h=33km(USCGS). M=4.9 USCGS, MPV=5.0 Kašperské Hory. Dc=33.6°. PV: 1.4s 28 mp. |
| 13 | iP i | 05 57 19.2 57 31.5 | C. Kurile Islands. MPV=5.3 Kašperské Ho- ry. Dc=79.2°. PV: 1s 43 mp. |
| 13 | iP i iPP | 11 04 12.3 04 25 07 11.3 | C. Kurile Islands. MPV=6.3 Kašperské Ho- ry. Dc=79.2°. PV: 2s 650 mp. |

| Date | Phase | h m s | Remarks |
|------|---------------------|----------------------------------|--|
| 13 | eiP | 11 34 07.3 | D. |
| 13 | eiP | 13 14 53.5 | |
| 13 | eiSg | 13 30 20 | Lm 30 23. |
| 13 | eiP eiPcP | 14 58 15.5 58 26 | Kurile Islands. MPV=5.6 Kašperské Hory. Dc=79.1°. PV: 1.4s 88 mp. |
| 13 | eiP ei | 17 46 23 46 33.3 | Albania. Dc=9.9°. |
| 13 | e | 20 13 57 | |
| 13 | iP iPcP | 22 49 41.8 49 55.3 | C. Kurile Islands. Dc=79.0°. |
| 13 | eiP | 22 58 25.5 | Kurile Islands. |
| 13 | eiP | 23 05 21 | Kurile Islands. MPV=5.4 Kašperské Hory. Dc=79.0°. PV: 1.2s 44 mp. |
| 14 | eP | 02 16 10 | Kurile Islands 44.9°N 150.2°E, H=02 04 07, h=33km(USCGS). M=4.2 USCGS. Dc=79.0°. |
| 14 | eiP | 05 19 19.8 | Kurile Islands. Dc=79.3°. |
| 14 | ei | 10 40 58 | ei 41 34. |
| 14 | eSg | 11 17 31 | |
| 14 | e | 12 10 44 | |
| 14 | e | 13 12 53 | eiSg 12 59.4. |
| 14 | eSg | 17 34 34 | |
| 14 | eiP | 20 15 44.7 | C. Kamchatka. Dc=73.7°. MPV=4.8 Kašper- ské Hory. Dc=73.7°. PV: 1s 11 mp. |
| 15 | eiP ei | 02 35 53.4 35 59 | Ascension Island. Dc=56.8°. |
| 15 | eiP eipP eisP | 04 54 34.4 54 59.4 55 08.5 | Burma. Dc=67.9°. |
| 15 | ePKHKP | 07 17 36.9 | Fiji Islands Region 14.8°S 177.2°W, H=06 58 01.7, h=33km(USCGS). M=4.0 USCGS. Dc=144.6°. |
| 15 | eiSg | 10 18 06 | |

| Date | Phase | h m s | Remarks |
|------|----------------------------------|--|---|
| 15 | eiP | 10 32 35.5 | Kurile Islands. Dc=79.2°. |
| 15 | eiP ei | 10 34 22 34 37.5 | C. Kurile Islands. MPV=5.4 Kašperské Hory. Dc=79.1°. PV:1.5s 75 mp. |
| 15 | e | 10 44 22 | eiSg 44 32. |
| 15 | ePn eiPg ei eiSg Lm | 12 00 25 00 29 00 46 00 56.7 01 14 | Explosion. Dc=240km. |
| 15 | eiPn eiPg ei ei eiSg | 12 08 49 09 19 10 12.5 10 28.7 10 38 | Belgium. D=6.1°, Dc=6.3°. |
| 15 | ei eiPKP2 | 12 29 58.3 30 30 | South Pacific Cordillera. Dc=162.9°. |
| 15 | e | 12 51 04 | eiSg 51 41. |
| 15 | ePg | 13 28 03 | D=2.2°. eiSg 28 31.6. |
| 15 | e | 14 05 12.5 | |
| 15 | eiPKIKP ei eiPKP2 | 19 39 49 39 54.5 40 41 | South Pacific Cordillera. Dc=163.5°. |
| 15 | ePn eiPg eiSn eiSg | 20 05 28 05 36 06 08.2 06 24.8 | Yugoslavia. D=3.5°, Dc=3.4°. |
| 15 | eiP i ei ei | 23 18 12.5 18 16 19 25 21 51 | C. South of Panama. MPV=5.6 Kašperské Hory. Dc=88.1°. PV: 1.2s 35 mp. |
| 16 | e | 12 14 20.5 | eiSg 14 23. |
| 16 | e | 12 44 44 | eiSg 44 51. |
| 16 | eiSg | 12 57 50 | Lm 57 53. |
| 16 | eiPg eiSg | 12 59 42.7 59 48 | Explosion of 13.2 Tons. Dc=40km. |
| 16 | eiPg | 13 52 20 | D=1.5°. iSg 52 39. |
| 16 | e | 14 30 27 | Lm 30 35. |
| 16 | ei | 14 31 43 | eiSg 31 48.5. |

| Date | Phase | h m s | Remarks |
|------|-----------------------------|--|--|
| 16 | e | 18 15 13.5 | eiSg 15 30. |
| 16 | eiP | 19 27 29.2 | Nevada. Dc=83.3°. |
| 17 | e | 14 07 40 | |
| 18 | iP e | 08 42 49.5 43 36 | C. Kurile Islands. MPV=5.7 Kašperské Hory. Dc=79.0°. PV:1s 86 mp. |
| 18 | iPn i i iSg | 09 23 38.8 23 58.5 24 32.2 25 16 | Italy. D=5.2°, Dc=5.0°. |
| 18 | eiP eiPcP | 13 32 28 32 40 | Kurile Islands. Dc=79.1°. |
| 18 | eiPg | 21 06 39.5 | eiSg 06 46, Lm 06 49. |
| 19 | ePg | 02 38 53.5 | eiSg 39 10.2. |
| 19 | e | 09 16 36.5 | ei(Sg) 16 50. |
| 20 | eiP iPP iS i ei | 00 11 03.5 11 27.4 13 21.5 13 55.2 15 01.5 | D. Aegean Sea. Dc=12.0°. |
| 20 | eiP ei | 00 33 49 33 59.8 | Aegean Sea 40.0°N 24.8°E, H=00 30 57.6, h=42km(ISC). M=4.7 ISC, 4.3 USCGS. Dc=12.1°. |
| 20 | e | 05 43 03.2 | eiSg 43 22.4. |
| 20 | eiP ei | 07 24 20 25 39.2 | D. Kurile Islands. Dc=76.0°. |
| 20 | e | 09 26 20 | eiSg 26 25, Lm 26 37. |
| 20 | e | 10 06 05 | eiSg 06 38. |
| 20 | ePg | 12 51 30 | eiSg 51 57, Lm 52 20. |
| 20 | ePg | 12 53 19 | eiSg 53 35.2, Lm 53 40. |
| 20 | e | 15 57 55 | eiSg 58 02 |
| 21 | eP | 00 43 33 | Kamchatka. Dc=74.4°. |

| Date | Phase | h m s | Remarks |
|------|----------------------------|---|---|
| 21 | eiPn eiPg iSn iSg | 10 01 23.7 01 47 02 21.6 02 57.2 | Belgium. D=5.4°, Dc=5.5°. |
| 21 | eiPKIKP eiPKP2 | 10 57 46.5 58 23.5 | Kermadec Islands. Dc=158.6°. |
| 21 | ePg | 11 06 37 | |
| 21 | e | 11 34 55 | eiSg 35 05. |
| 21 | eiP ei ei ei | 16 07 26.4 07 54 09 21 10 21.8 | |
| 21 | eiPKIKP ei | 18 09 09.3 09 16.5 | West of Tonga. Dc=148.8°. |
| 22 | eiP i | 00 40 30.2 51 53.7 | Kamchatka. MPV=5.4 Kašperské Hory. Dc=74.9°. |
| 22 | eP | 01 05 35 | Philippine Islands. Dc=98.1°. |
| 22 | eiP ei | 03 33 49.6 34 00 | Kamchatka. Dc=75.1°. |
| 22 | eP | 03 58 59.5 | Central Mid Atlantic Ridge. Dc=59.8°. |
| 22 | eP | 04 33 14.7 | Mid Atlantic Ridge. Dc=59.6°. |
| 22 | eP | 07 06 02 | Kamchatka 52.2°N 160.3°E, H=06 54 39.0, h=195km(ISC). M=4.8 USCGS, 4.2 ISC. Dc=75.2°. |
| 22 | eiP ei | 07 39 00.5 39 10 | C. Kamchatka. MPV=5.3 Kašperské Hory. Dc=74.8°. PV: 1.4s 48 mp. |
| 22 | e | 08 15 54 | |
| 22 | ei | 08 47 37 | |
| 22 | ePg | 08 59 31 | eiSg 59 43.5. |
| 22 | ePg | 11 02 29.5 | D=76km. eiSg 02 38.5. |
| 22 | eSg | 11 13 32 | |
| 22 | e | 12 33 10.5 | ei 33 18.5. |
| 22 | e | 12 37 14 | eiSg 37 28.5, Lm 37 32. |
| 22 | e e eiSg ei | 12 45 39 46 13 46 45.8 47 20 | |

| Date | Phase | h m s | Remarks |
|------|------------------------------------|--|---|
| 22 | eiPg | 15 51 24.5 | D=46km. eiSg 51 30. |
| 22 | iP i iPP i eiPPP iS | 19 52 45.7 53 06 55 21.2 56 05 57 11 20 02 07 | C. Kodiak Islands. MPV=6.0 Kašperské Hory. Dc=72.3°. PV: 2s 1300 mp. |
| 22 | eiP | 20 20 22.5 | |
| 22 | e | 21 43 16.8 | ei 44 24.5. |
| 22 | eP ei | 23 37 04.5 37 18 | Kamchatka. Dc=75.0°. |
| 23 | e | 05 20 17 | eiSg 20 28.5, Lm 20 36. |
| 23 | eiP | 06 09 18 | Kamchatka. Dc=75.1°. |
| 23 | eiPg | 07 09 22 | D=2°. iSg 09 47.5, Lm 10 05. |
| 23 | eiP | 11 17 16 | C. Persia. MPV=4.5 Kašperské Hory. Dc=38.0°. PV: 1s 11 mp. |
| 23 | ei | 11 20 54.4 | eiSg 21 11. |
| 23 | eiPg | 11 56 15 | D=1.5°. eiSg 56 35.2°, Lm 56 49. |
| 23 | e | 11 59 21 | eiSg 59 54, Lm 12 00 05. |
| 23 | e | 12 37 40 | eiSg 37 53. |
| 23 | eSg | 13 11 53 | Lm 12 07. |
| 23 | eiPg | 15 13 43 | D=1.2°. eiSg 13 59. |
| 23 | ePg eiSg Lm | 15 26 48 26 59 27 06 | D=90km. |
| 23 | eiP i ei ei | 15 31 08.2 31 15 32 18.4 33 27.8 | C. Italy. Dc=8.6°. |
| 23 | e | 15 56 00 | eiSg 57 13.8, Lm 57 28. |
| 23 | iP i ei ei | 20 58 41 58 55.2 59 35 21 00 18.6 | C. Alaska. MPV=6.3 Kašperské Hory. Dc=68.7°. PV: 1.4s 292 mp. |
| 24 | eiPKIKP | 02 37 34 | Fiji Islands Region 15.0°S 177.3°W, H=02 18 39.4, h=366km (USCGS). Dc=144.8°. |

| Date | Phase | h m s | Remarks |
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| 24 | eiP | 04 28 44 | C. Kamchatka. MPV=5.1 Kašperské Hory. Dc=75.3°. PV: 1s 21 mμ. |
| 24 | eiP | 05 07 43 | Kazakhstan. MPV=4.9 Kašperské Hory. Dc=40.7°. PV: 0.8s 19mμ. |
| 24 | e | 08 15 49 | eiSg 16 12. |
| 24 | ePKIKP ei | 08 28 14 28 28.2 | Tonga Region. Dc=153.3°. |
| 24 | ePKIKP | 14 58 36 | Samoa Islands. Dc=146.8°. |
| 25 | eiPKIKP iPKP2 ipPKIKP | 03 16 30.2 16 34.4 18 56.2 | D. West of Tonga. Dc=147.4°. |
| 25 | iPh ei ei | 10 19 52.5 20 48 21 45.4 | Yugoslavia. Dc=6.7°. |
| 25 | e | 12 05 09 | |
| 25 | eiP ei | 14 16 37.4 16 45.6 | Ryukyu Islands. Dc=84.5°. |
| 25 | eP ei | 15 13 38 13 49 | Greece. Dc=13.0°. |
| 25 | eiPKIKP | 18 36 22.5 | D. West of Tonga. Dc=147.7°. |
| 25 | e | 19 21 36 | ei 21 52. |
| 25 | eiPKIKP iPKHKP ipPKIKP | 19 39 17.7 39 21.6 41 45.5 | D. Fiji Islands. Dc=147.3°. |
| 25 | eiPKIKP | 21 05 19 | Fiji Islands. Dc=147.6°. |
| 26 | eiPKIKP ei ei | 04 12 01 12 37.2 15 30 | New Britain Region. Dc=123.8°. |
| 26 | eiPKIKP | 07 03 51.5 | Tonga Islands. Dc=146.1°. |
| 26 | e | 11 10 19 | eiSg 11 06. |
| 26 | ePKIKP ei eiPKP2 | 18 24 30.5 24 37 24 50.5 | Fiji Islands. Dc=152.5°. |
| 27 | e | 00 45 49 | ei 45 56.5. |
| 27 | eiP | 01 15 17 | Mediterranean Sea. Dc=15.0°. |

| Date | Phase | h m s | Remarks |
|------|---------------|----------------------------------|---|
| 27 | eiP | 04 19 50.4 | Japan. Dc=83.2°. |
| 27 | e | 12 28 11 | Lm 28 20. |
| 27 | e | 14 35 33.4 | |
| 27 | eiPKIKP | 16 16 38 | Tonga Islands. Dc=148.6°. |
| 28 | eP | 08 50 05 | Dodecanese Islands. Dc=15.1°. |
| 28 | ei | 09 36 47.5 | |
| 28 | eiP | 11 39 18.1 | Lake Tanganyika Region 1.4°S 29.5°E, H=11 30 08, h=31kmca (CGS). M=4.6 USCGS. Dc=52.2°. |
| 28 | eiPKP | 16 31 12.7 | West of Tonga. Dc=147.2°. |
| 28 | e | 17 08 35 | eiSg 08 52. |
| 28 | iP i ei | 20 45 24.2 45 36.1 48 13.8 | C. Bonin Islands. MPV=5.9 Kašperské Ho- ry. PV: 1.2s 87mμ. Dc= 90.5°. |
| 28 | eiP | 22 18 05.7 | Peru-Ecuador Border Region. Dc=92.9°. |
| 29 | ePKIKP | 04 35 15 | New Guinea 3.2°N 143.1°E, H=04 16 27.8, h=11km(ISC). M=5.4 USCGS, 5.3 ISC. Dc= 124.4°. |
| 29 | ei | 06 14 29.2 | |
| 29 | ePg | 11 31 46 | D=1.3°. eiSg 31 03.7. |
| 29 | ePg | 12 42 49.5 | D=1.9°. eiSg 43 14. |
| 29 | eiSg | 13 27 15.5 | |
| 29 | e | 13 57 12 | D=64km. ei 57 19.5, Lm 57 22. |
| 29 | ei | 15 12 07.4 | ei 13 22.4, ei 13 45.5. |
| 30 | eiP ei | 02 18 23.8 19 10 | D. Unimak Island. MPV=5.5 Kašperské Ho- ry. Dc=77.1°. PV: 1.2s 44 mμ. |
| 30 | eP | 05 03 45 | Mid-Atlantic Ridge 0.9°N 26.8°W, H=04 53 48.3, h=33km(ISC). M=5.1 ISC, 5.0 USCGS. Dc=59.1°. |
| 30 | eiP | 06 29 33 | D. Southern Peru. Dc=99.2°. |
| 30 | eiPKIKP | 06 50 31.5 | West of Tonga 18.1°S 178.3°W, H=06 31 52.4, h=594km(ISC). M=4.8 USCGS, 4.6 ISC. Dc=147.6°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------|---|---|
| 30 | e | 11 58 04 | eiSg 58 42. |
| 30 | ePKIKP | 12 00 51.5 | West of Tonga 19.3°S 177.4°W, H=11 42 08.0, h=573km (ISC). M=5.3 USCGS, 4.5 ISC. Dc=149.0°. |
| 30 | ePn ei | 12 43 09 43 23 | Poland. Dc=3.6°. |
| 30 | e | 12 48 19 | eiSg 48 31.2, Lm 48 38. |
| 30 | eiP ei | 16 45 09.5 45 22.6 | Kodiak Island. Dc=72.5°. |
| 30 | eiP ei | 17 08 55.5 09 04.8 | C. Kurile Islands. MPV=5.4 Kašperské Ho- ry. Dc=79.1°. PV: 1s 43 mμ. |
| 30 | eiPKIKP | 17 19 06.6 | Samoa Islands. Dc=147.2°. |
| 31 | eiP | 02 40 36 | D. Sumatra. Dc=87.2°. |
| 31 | ePn eiPg ei eiSg | 07 01 05 01 07 01 33.5 01 37.5 | D=2.5°. |
| 31 | eiPg | 08 01 14 | D=1.6°. eiSg 01 35.5. |
| 31 | ePg | 10 20 48 | D=1.8°. eiSg 21 12.5. |
| 31 | eiPKIKP ei | 11 01 33 01 55.7 | Fiji Islands Region. Dc=154.6°. |

Seismic observations of the station Bratislava

July - December 1965

T. Galanová, A. Weihsová, I. Bochníčková

Instruments:

Seismograph Krumbach, components N, E, mass 4kg, photographic registra-
tion, magnetic damping; vertical component, electrodynamic system, gal-
vanometric registration.

Station coordinates: $\varphi = 48^{\circ}10.1'N$, $\lambda = 17^{\circ}06.3'E$.

Elevation: h = 270m.

Lithologic foundation: granit.

| Instrument | Component | T ₁ | T ₂ | σ^2 | D ₁ | D ₂ | V _{max} | Reg. speed |
|----------------------|-----------|----------------|----------------|------------|----------------|----------------|------------------|------------|
| Krumbach modified | N | | | | | | | |
| | E | 10 | 1.2 | 0.2 | 0.475 | 2.25 | 1800 | 20 mm/min |
| | Z | 2.1 | 2.0 | 0.3 | 0.3 | 1.0 | 2200 | 20 mm/min |

| Date | Phase | h m s | Remarks |
|------|---|--|---|
| 1 | eSg | 12 06 28 | Lm 06 33.5. |
| 2 | iP ei eiPP eiS eiPS L Lm | 21 10 39 12 13.5 14 05.5 20 33.5 21 58 40 48 | C. Aleutian Islands (ISC). D=80°; Dc=79°. |
| 3 | Lm | 02 39 | North Atlantic Ocean (ISC). Dc=30.5°. |
| 5 | eP | 08 38 28 | North Atlantic Ocean (ISC). Dc=32°. |
| 6 | iP eiS | 03 21 18.6 23 24.6 | Greece (ISC). Dc=11°. |
| 6 | epPKIKP ei ei | 18 56 38 19 01 00.6 02 42.5 | Solomon Islands (ISC). Dc=125.5°. |
| 8 | ePg eiSg | 23 21 49 22 10.2 | Austria (ISC). Dc=4.3°. |
| 8 | iPb eiPg eiPn iSg eiL eiSn Lm | 23 29 29.3 29 30.8 29 35.3 29 40.2 29 41.7 29 44.8 29 50 | Austria (BCIS). Dc=0.8°. |
| 12 | Lm | 10 00 | |
| 13 | eSg | 12 04 24 | Lm 04 27. |
| 13 | Lm | 14 27 | Turkey (ISC). Dc=13.2°. |
| 21 | ePKP | 03 11 36.5 | Tonga Islands (ISC). Dc=151°. |
| 25 | eP eiS | 13 45 14 55 23 | Japan (ISC). Dc=80°. |
| 25 | eiP eS | 21 58 48.5 22 08 50 | Aleutian Islands (ISC). Dc=79°. |
| 29 | iP iPcP eiS | 08 41 36.3 41 40.8 51 52.3 | Aleutian Islands (ISC). Dc=80°. |
| 31 | Lm | 08 27 | Japan (ISC). Dc=76°. |

| Date | Phase | h m s | Remarks |
|------|---|---|------------------------------------|
| 2 | ePKP eiPKP2 ePP ei eiPPP | 13 39 55 41 52 43 49 45 16 47 37 | Macquarie Island (ISC). Dc=155.5°. |
| 4 | eSn | 11 52 04 | Italy (ISC). Dc=5.4°. |
| 5 | eiPP L | 00 28 27 01 08 | New Britain (ISC). Dc=122°. |
| 11 | ei(PKIKP) eiPP eiPKS eSKS eiSS L Lm | 04 00 27 03 18 04 00 04 58.5 21 36 41 58 | New Hebrides (ISC). Dc=139°. |
| 11 | e ePP eiPKS | 20 12 55 14 54 15 36 | New Hebrides (ISC). Dc=139°. |
| 11 | eiPKIKP ei eiPP iPKS eiSKKS eiPKKS eiPS eiSS ei | 22 51 15 51 30 54 12 54 52.5 23 01 18 04 12 04 22 12 45 13 00 | New Hebrides (ISC). Dc=139.4°. |
| 12 | eiPKIKP eiPP eiPKS eiSKKKS eiSS LR Lm | 08 21 16.5 24 12 24 48 42 30 42 48 09 11 20 | New Hebrides (ISC). Dc=139.8°. |
| 12 | ePP ei eiPS e L Lm | 13 17 48 18 42 28 03 34 57 59 14 10 | New Britain (ISC). Dc=123°. |

| Date | Phase | h m s | Remarks |
|------|---|---|---|
| 13 | ePKIKP eiPP eiPKS eiPPP ei ePKKP ei eiSKKS eiSS ei e L Lm | 12 59 49 13 02 46 03 40 05 39 07 39 09 19 11 04 16 19 21 19 23 01 25 58 44 52 | New Hebrides (ISC). Dc=139.2°. |
| 14 | - 16 | | The apparatus out of operation. |
| 16 | iP eiPP eiPPP eiS eiPKKP | 12 46 13.7 48 21 49 36 54 15 13 08 | C. Central-Mid Atlantic Ridge (ISC). Dc=58.8°. |
| 16 | Lm | 20 15 | North Atlantic Ridge (ISC). |
| 17 | eP iS Lm | 10 47 11 56 59.5 11 20 | Sumatra (ISC). Dc=78.9°. |
| 18 | eiPP Lm | 15 13 42 16 13 | New Hebrides (ISC). Dc=139.4°. |
| 20 | eiPKIKP ePPP ei eiS ei LR | 06 13 38 14 45 18 45 20 18 22 36 28 | Banda Sea (ISC). Dc=108.2°. |
| 20 | e e ei | 21 41 02 50 32 52 12 | Fiji Islands (ISC). Dc=151.8°. |
| 23 | eiP eiPPP ei eiS eiSS iSSS eiLR Lm | 14 11 18 11 39 12 32 13 17 13 44 13 51 14 25 14 50 | Turkey (ISC). Dc=10°. |

| Date | Phase | h m s | Remarks |
|------|-------|----------|---------------------------------|
| 23 | eIP | 19 59 15 | Mexico (ISC). Dc=92°. |
| | ei | 20 00 06 | |
| | eiPP | 02 36 | |
| | ei | 02 56 | |
| | ei | 06 04 | |
| | eiSKS | 09 54 | |
| 24 | eP | 01 14 21 | Mexico (ISC). Dc=93°. |
| | eiS | 13 32 57 | Gulf of Alaska (ISC). Dc=71.6°. |
| 25 | eS | 00 03 04 | Turkey (ISC). Dc=10°. |
| | eiL | 04 38 | |
| 25 | eS | 05 04 08 | Crete (ISC). Dc=14.5°. |
| 31 | eiP | 07 34 13 | Turkey (ISC). Dc=19°. |
| | ei | 34 22 | |
| | eiPP | 34 40 | |
| | eiPPP | 34 57 | |
| | eiS | 37 51 | |
| | eiSS | 38 25 | |
| | Lm | 43.3 | |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 4 | eP | 10 31 51 | Kurile Islands (ISC). Dc=78°. |
| | eiS | 41 49 | |
| | L | 11 03 | |
| 4 | iP | 14 44 21 | C. Kodiak Island (ISC). D=73°, Dc=73°. |
| | iPcP | 44 25 | |
| | eiPP | 47 15 | |
| | eiPPP | 49 18 | |
| | eiS | 53 41 | |
| | ePPS | 54 57 | |
| | e | 15 02 52 | |
| eiLR | 09.5 | | |
| 6 | Lm | 04 07.5 | Taiwan (ISC). Dc=83.5°. |
| 8 | e | 11 03 33 | |
| | Lm | 03 39 | |
| 9 | eS | 10 26 36 | America (ISC). Dc=92.8°. |
| | L | 17 | |
| 11 | Lm | 08 36 | New Ireland (ISC). Dc=123°. |
| | eiP | 22 13 45.5 | |
| | eiPP | 17 00.5 | |
| | eiPPP | 18 30 | |
| | eiS | 23 00.5 | |
| 13 | eSS | 27.5 | Komandorsky Island (ISC). D=72°, Dc=73.5° |
| | eiP | 13 19 29 | |
| | ePcP | 19 44 | |
| | eiPP | 22 14 | |
| | eiS | 28 56 | |
| 17 | L | 51 | Japan (ISC). D=78°, Dc=81.8°. |
| | iP | 16 33 37.5 | |
| | eiPcP | 33 41.5 | |
| | eiPP | 36 59 | |
| | eiPPP | 38 36 | |
| | eiS | 42 52.5 | |
| | eiPS | 44 12 | |
| | eiPPS | 44 46.5 | |
| | LQ | 55.5 | |
| | Lm | 17 11 | |
| Lm | 14 | | |
| 21 | iP | 01 50 28.3 | Ryukyu Islands (ISC). Dc=81.2°. |
| | ei | 50 40.3 | |
| | iS | 02 00 28.3 | |
| | ei | 00 50 | |

| Date | Phase | h m s | Remarks |
|------|-------|------------|------------------------------------|
| 22 | eIP | 22 20 18.5 | Japan (ISC). D=82.8°, Dc=82°. |
| | eiPcP | 20 29 | |
| | ePP | 23 30 | |
| | eiS | 30 33.5 | |
| | ePS | 31 11 | |
| | eSS | 36 02 | |
| | Lm | 23 01 | |
| 28 | ePP | 05 30 48 | Kermadec Islands (ISC). Dc=156.2°. |
| 30 | e(P) | 23 59 02 | Gulf of Alaska (ISC). Dc=71°. |
| | eiPP | 00 01 46 | |
| | ei | 04 08 | |
| | eiS | 08 11 | |
| | ei | 09 56 | |

| Date | Phase | h m s | Remarks |
|-------|-------|------------|--|
| 1 | iP | 09 04 17 | D.W. Aleutian Islands (ISC). D=85°; Dc=82.0°. |
| | ei | 04 38 | |
| | eiPP | 07 29 | |
| | ei | 08 44 | |
| | eiPPP | 09 11 | |
| | eiSKS | 14 29 | |
| | eiS | 14 45.5 | |
| | eiPS | 15 17 | |
| | ei | 16 26 | |
| | Lm | 38.5 | |
| | 3 | iP | |
| eiPcP | | 57 32 | |
| eiS | | 15 07 03 | |
| ePPS | | 07 58 | |
| Lm | 35 | | |
| 3 | Lm | 17 27 | |
| 7 | eP | 03 48 39 | C. China Sea (ISC). Dc=85.0°. |
| | Lm | 04 24 | |
| 8 | - 30 | | The apparatus out of operation. |
| 30 | iSg | 14 00 17.4 | Near. |

| Date | Phase | h m s | Remarks |
|------|--------------------------|--|--|
| 2 | eP | 03 29 48 | Aegean Sea (ISC). Dc=8.8°. |
| 2 | - 3 | | The apparatus out of operation. |
| 4 | eSg | 09 56 24 | |
| 9 | eP | 15 36 14.5 | Italy (ISC). Dc=6.2°. |
| 10 | iSg | 11 00 08 | Time relative. |
| 12 | iP | 04 42 14 | i 42 19.5. |
| 15 | eiP eiPP eiSS L | 11 28 17.7 30 43.7 40 28.7 53 | Central Mid-Atlantic Ridge (ISC). Dc=56.0°. |
| 16 | epP | 01 12 05 | Afghanistan (ISC). Dc=41.0°. |
| 16 | eiP | 15 33 15.5 | North Atlantic Ridge (ISC). Dc=47.5°. |
| 18 | - 19 | | The apparatus out of operation. |
| 21 | ePKIKP ePP epPP | 10 49 33 50 12 51 19.5 | Banda Sea (ISC). Dc=110.0°. |
| 21 | ei | 11 42 43 | ei 43 31, ei 50 47. |
| 22 | iP ei Lm | 20 48 44 49 27 21 20.5 | Aleutian Islands (ISC). Dc=79.8°. |
| 23 | Lm | 02 11 30 | Celebes Sea (ISC). Dc=99.2°. |
| 27 | eiPKIKP | 12 20 56 | Solomon Islands (ISC). Dc=135.0°. |
| 28 | iP | 05 29 23 | Dodecanese Islands (ISC). Dc=14.2°. |
| 28 | eiP | 21 44 40.5 | Sumatra (ISC). Dc=91.0°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------------|--|--|
| 2 | eiP | 10 00 05 | |
| 2 | eiPKIKP | 23 57 45 | Samoa Islands (ISC). Dc=147.0°. |
| 3 | eiP | 11 00 37 | ei 00 45. |
| 3 | eiP ei | 15 25 40 26 17.5 | Nevada (ISC). Dc=85.5°. |
| 3 | eiP eiPP eiPP | 21 24 55 25 17.5 26 25 | Hindu Kush (ISC). Dc=39.5°. |
| 4 | eiP eiPcP | 02 24 00.5 24 23.5 | Aleutian Islands (ISC). Dc=79.8°. |
| 4 | eiP ei | 16 43 35 44 41.5 | Crete (ISC). Dc=16.0°. |
| 5 | iP ei ei | 18 26 43.5 27 23.5 27 50 | Aleutian Islands (ISC). Dc=78.5°. |
| 6 | eiP ei ei eiPP Lm | 11 48 22 49 47 51 37 52 31.5 12 31.5 | Mexico (ISC). Dc=96.3°. |
| 7 | eiPKIKP | 22 37 55 | New Guinea (ISC). Dc=120.0°. |
| 8 | eiPKP1 eipP ei | 18 25 03 25 55 26 50 | New Zealand (ISC). Dc=169.0°. |
| 9 | iP ei | 06 20 59.6 21 40 | Mexico (ISC). Dc=94.0°. |
| 9 | eiPKIKP ei ei ei | 13 31 24 14 26.5 15 25 15 44 | West of Tonga (ISC). Dc=148.0°. |
| 9 | eiP | 20 35 14 | India-China (ISC). Dc=60.7°. |
| 11 | eiP | 09 06 37 | |
| 12 | eiP | 22 48 32 | Atlantic-Indian Ridge (ISC). Dc=86.5°. |
| 13 | eiP eiPcP ei | 05 57 22 57 32 58 27 | Kurile Islands (ISC). Dc=78.6°. |

| Date | Phase | h m s | Remarks |
|------|--|--|--|
| 13 | iP eiPcP i ei eiS Lm | 11 04 09 04 18 04 45 05 24 13 51 44.5 | C. Kurile Islands (ISC). Dc=77.5°. |
| 13 | eiP | 14 58 09 | Kurile Islands (ISC). Dc=78.6°. |
| 13 | eiPn | 17 46 08 | Albania (ISC). Dc=8.4°. |
| 13 | iP ei ei | 22 49 39 49 57 51 30 | Kurile Islands (ISC). Dc=77.5°. |
| 14 | eiP | 03 18 38 | |
| 14 | eiP | 04 20 00 | |
| 15 | eiP | 04 54 21 | Burma (ISC). Dc=66°. |
| 15 | eiP | 10 34 18 | C. Kurile Islands 44.8°N 150.2°E, H=10 22 23.4, h=77km (ISC). Dc=78.5°. |
| 15 | eiPn | 12 08 52 | Belgium (BCIS). Dc=9.0°. |
| 15 | eiPn | 20 05 32.5 | Yugoslavia (BCIS). Dc=2.6°. |
| 15 | iP ei eiPP | 23 18 22.5 19 40.5 22 00 | D. Panama (ISC). Dc=89.4°. |
| 16 | eiP | 19 47 41 | |
| 16 | eiPKIKP | 23 25 19.4 | West of Tonga (ISC). Dc=147.7°. |
| 17 | eiP | 06 27 39 | Central Mid-Atlantic Ridge (ISC). Dc=61.7°. |
| 17 | ei | 14 07 10 | |
| 18 | eiP | 08 42 44 | D. Kurile Islands (ISC). Dc=77.5°. |
| 18 | eiPn eiPx eiSn ei ei | 09 23 42 23 47 24 18.5 24 23 24 40 | Italy (ISC). Dc=5.0°. |
| 18 | eiP | 13 32 22 | Kurile Islands (ISC). Dc=78.5°. |
| 20 | eiP ei iS iSS i i ei | 00 10 53 11 45 12 48.5 12 55 13 37 17 45 25 31 | Aegean Sea (ISC). Dc=9.9°. |

| Date | Phase | h m s | Remarks |
|------|----------------------------------|--|---------------------------------|
| 21 | eiSg ei ei | 10 04 08 04 21 05 28 | Belgium (ISC). Dc=8.4°. |
| 21 | e | 16 09 15 | |
| 22 | eiP eiPcP ei | 00 40 28 40 40 41 21 | Kamchatka (ISC). Dc=74.5°. |
| 22 | eiP eisP ei eipS | 19 52 52.5 53 23.5 54 25 20 02 19 | Kodiak Islands (ISC). Dc=72.5°. |
| 23 | eiPn eiSn ei ei | 15 30 56 32.5 33 28 34 52 | Italy (ISC). Dc=7.3°. |
| 23 | eiP eiPcP | 20 58 48 59 26 | Alaska (ISC). Dc=69.5°. |
| 25 | eiPKIKP ei ei eipPKP1 | 03 16 34 16 59 17 38 18 26 | West of Tonga (ISC). Dc=147.5°. |
| 25 | eiPn ei eiPg eiSn ei | 10 19 21 19 28 19 53 20 24.5 20 45 | Yugoslavia (ISC). Dc=4.6°. |
| 25 | ePn ei | 12 18 06 21 26 | Aegean Sea (ISC). Dc=9.6°. |
| 26 | e | 17 01 15 | |
| 28 | eiP ei | 20 45 19 48 40 | Bonin Islands (ISC). Dc=89.5°. |
| 30 | eiP | 02 18 28 | Unimak Island (ISC). Dc=77.5°. |

Seismic observations of the station Šrobárova

July - December 1965

T.Galanová, A.Weihsová, I.Bochníčková

Instruments:

Electrodynamic seismograph VEGIK, components N, E, Z, magnetic damping, galvanometric registration.

Station coordinates: $\varphi = 47^{\circ}48.8'N$, $\lambda = 18^{\circ}18.8'E$.

Elevation: $h = 150$ m.

Lithologic foundation: Bed of sand.

Constants 1965

Šrobárova

| Instrument | T_1 | T_2 | σ^2 | D_1 | D_2 | V_{\max} | Reg. speed |
|------------|-------|-------|------------|-------|-------|------------|------------|
| VEGIK N | 10 | 1.9 | 0.2 | 0.475 | 2.25 | 1800 | 30 mm/min |
| E | 10 | 1.9 | 0.2 | 0.475 | 2.25 | 1800 | 30 mm/min |
| Z | 10 | 1.9 | 0.2 | 0.475 | 2.25 | 1800 | 30 mm/min |

| Date | Phase | h m s | Remarks |
|------|---------|------------|--|
| 1 | eiP | 17 53 22 | Kurile Islands (ISC). Dc=76.8°. |
| 1 | eiPKIKP | 23 32 43 | South Pacific Cordillera (ISC). Dc=164.7°. |
| 2 | eiPg | 05 45 55.8 | Explosion. eiSg 45 55.8, L 46 06, Lm 46 17. |
| 2 | - 18 | | The station was out of operation for technical reasons. |
| 18 | eiPg | 09 10 53.5 | D=40 km. eiSg 10 58, L 11 09.5, Lm 11 17. |
| 18 | eiPg | 12 38 39 | D=40 km. iSg 38 43.5, L 38 54.5, Lm 39 02.5. |
| 18 | iP | 22 27 02.4 | Kurile Islands (ISC). Dc=78.2°. |
| 19 | ePg | 12 03 40 | D=40 km. iSg 03 44.6, L 03 55.6, Lm 04 03. |
| 19 | ePg | 15 51 03 | D=40 km. eiSg 51 07, L 51 18, Lm 51 25. |
| 20 | eP | 01 06 03 | Gulf of California 29.5° N 118°W, H=00 52 46, h=33 km (ISC). Dc=93.2°. |
| 20 | ePg | 07 28 14.7 | D=40 km. eiSg 28 29.2, L 28 40.5, Lm 47. |
| 20 | iSg | 09 56 52.2 | L 57 03.5, Lm 57 10. |
| 20 | eiSg | 10 41 11.2 | L 41 22.2, Lm 41 29. |
| 20 | e | 10 57 07 | |
| 20 | eP | 13 28 30 | |
| 20 | eiSg | 16 03 09.5 | L 03 21, Lm 03 28. |
| 20 | eiSg | 17 01 36 | L 01 47, Lm 01 54. |
| 21 | iPKIKP | 03 11 26 | Tonga Islands (ISC). Dc=150.9°. |
| 21 | iP | 18 04 21.5 | Aleutian Islands (ISC). Dc=76.7°. |
| 22 | eiP | 01 30 46 | Aleutian Islands (ISC). Dc=79.7°. |
| 22 | eiPKIKP | 20 06 34 | Tonga Islands 15.2°S 173.6°W, H=19 46 57.9, h=33 km (ISC). Dc=145.7°. |
| 23 | eP | 17 12 41 | Nevada (ISC). Dc=86.2°. |
| 23 | e | 18 20 03 | eiSg 38 31.8, L 38 41, Lm 38 50. |
| 23 | ePn | 23 54 27 | Austria (ISC). Dc=2.9°. |

| Date | Phase | h m s | Remarks |
|------|----------------------------|---|---|
| 24 | iP | 18 04 57.2 | Afghanistan (ISC). Dc=39.7°. |
| 25 | eiP | 03 52 54 | Sumatra (ISC). Dc=82.5°. |
| 25 | eiP | 08 57 00 | California (ISC). Dc=85.5°. |
| 25 | ePg | 12 05 38 | D=30 km. eiSg 14 41.5, Lm 14 16.5. |
| 25 | iP | 13 45 15 | Japan (ISC). Dc=80.6°. |
| 25 | ePg | 14 43 51.5 | D=25 km. eiSg 43 54.5, L 44 02, Lm 44 15. |
| 25 | ePg | 16 04 00 | D=25 km. eiSg 04 03, L 04 10.5, Lm 04 18. |
| 25 | eiSg | 16 31 13.5 | L 31 21.5, Lm 31 28.5. |
| 25 | eiP | 21 58 47 | Aleutian Islands (ISC). Dc=78.8°. |
| 26 | eiPg | 12 13 19.8 | D=35 km. eiSg 13 23.8, L 13 34, Lm 13 41. |
| 26 | eiPKP | 15 43 28.2 | Samoa Islands (ISC). Dc=147°. |
| 27 | eiP | 21 27 39.5 | Japan (ISC). Dc=78°. |
| 27 | e | 21 47 26 | Near. |
| 28 | iP eiPcP eiPP eiS | 22 41 40.5 41 45.5 45 08.5 52 11 | Sumatra (ISC). Dc=87.2°. |
| 29 | eiPKIKP | 05 46 33.5 | Samoa Islands (ISC). Dc=146°. |
| 29 | iP | 08 41 37.7 | Aleutian Islands (ISC). Dc=81.2°. |
| 29 | iP | 12 32 36.5 | Aleutian Islands (ISC). Dc=81.2°. |
| 29 | eiSg | 14 31 54.2 | Explosion. L 52 02, Lm 52 08. |
| 29 | eiSg | 15 52 17.5 | Explosion. Lm 52 32. |
| 30 | eiSg | 09 12 02 | Explosion. Lm 12 16.5. |
| 30 | ePg | 12 41 41 | Explosion. eiSg 41 44.5, Lm 42 01. |
| 30 | eiSg | 14 13 21 | Explosion. Lm 13 35. |
| 30 | eiSg | 14 47 14 | Explosion. Lm 47 29. |
| 30 | ePg | 15 46 07 | Explosion. eiSg 46 09, Lm 46 12. |
| 30 | eP | 19 14 01 | Persia (ISC). Dc=35.9°. |

| Date | Phase | h m s | Remarks |
|------|-------|------------|---|
| 31 | eP | 07 49 01 | Japan (ISC). Dc=82.6°. |
| 31 | iSg | 09 04 37 | Explosion. Lm 04 52. |
| 31 | ePg | 10 21 57 | Explosion. eiSg 22 00.5. |
| 31 | eiSg | 11 58 22.5 | Explosion. L 58 31.5, Lm 58 37.5. |
| 31 | ePg | 13 08 09 | Explosion of 14 Tons. eiSg 08 12.5, L 08 31, Lm 08 17.5. |
| 31 | e | 13 24 55 | Explosion of 14 Tons. |
| 31 | ePg | 14 13 34.5 | Explosion. eiSg 13 36.5, Lm 13 51.5. |
| 31 | eP | 19 10 52 | Tibet (ISC). Dc=56.6°. |
| 31 | eiP | 21 54 32 | Tibet (ISC). Dc=56.6°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------------|---|--|
| 1 | ePg | 12 43 01 | Explosion. eiSg 43 03.5. Lm 43 19. |
| 1 | iP | 15 13 53.3 | Sakhalin. Island (ISC). Dc=74.4°. |
| 1 | iP | 16 52 56.3 | Kurile Islands (ISC). Dc=72.4°. |
| 1 | eiPKIKP | 19 48 08 | Fiji Islands (ISC). Dc=154.2°. |
| 2 | ePKIKP | 00 04 21 | Kermadec Islands (ISC). Dc=160.2°. |
| 2 | eiPKIKP | 13 40 48 | Macquarie Islands (ISC). Dc=154.1°. |
| 2 | eP | 14 47 19 | Panama (ISC). Dc=89.8°. |
| 2 | eP | 16 56 08.5 | Panama (ISC). Dc=89.8°. |
| 2 | eP | 19 20 53 | Panama (ISC). Dc=89.8°. |
| 4 | eiP | 01 19 17.8 | Mexico (ISC). Dc=91.7°. |
| 4 | eiP ei | 11 51 26 53 35 | Italy (ISC). Dc=5.8°. |
| 4 | e | 19 18 22 | ei 21 12. |
| 5 | iPKIKP | 00 26 40.5 | New Britain (ISC). Dc=121.9°. |
| 5 | eP | 20 01 00 | Chagos Archipelago (ISC). Dc=70.8°. |
| 6 | eiP | 02 08 33.7 | Central Mid-Atlantic Ridge (ISC). Dc=58.1°. |
| 7 | iPg | 12 05 14.3 | e 05 19.3. |
| 8 | eiP | 05 31 22.5 | Aleutian Islands (ISC). Dc=77.3°. |
| 8 | eP | 23 24 42 | Tristan da Cunha (ISC). Dc=92.6°. |
| 9 | eP | 09 18 07 | Ascension Island (ISC). Dc=59°. |
| 9 | eP | 09 32 58 | Ascension Island (ISC). Dc=59°. |
| 10 | eiPKIKP | 00 40 58 | New Hebrides (ISC). Dc=144°. |
| 10 | e | 08 53 58 | |
| 11 | eiPKIKP ei eiPP ePPS | 04 00 11.5 00 26.5 03 17 15 21 | New Hebrides (ISC). Dc=139.1°. |
| 11 | eP | 18 41 05 | Gulf of Alaska (ISC). Dc=71.8°. |
| 11 | ePKIKP ei eiPKS | 20 11 48.5 11 57 15 36.5 | New Hebrides (ISC). Dc=139.1°. |

| Date | Phase | h m s | Remarks |
|------|---|--|--|
| 11 | ePKIKP ei eiPP eiPKS | 20 33 15.5 33 23 36 13.5 36 58.5 | New Hebrides (ISC). Dc=139.1°. |
| 11 | ePKIKP ei i eiPP eiPKS eiPPS | 22 51 07 51 15 51 28.5 54 22.5 55 06 23 06 33.5 | New Hebrides (ISC). Dc=139.1°. |
| 12 | ePKIKP | 01 45 11 | Tonga Islands (ISC). Dc=154.1°. |
| 12 | e | 11 00 15 | |
| 12 | e | 11 46 17 | |
| 12 | ePKIKP ei | 13 16 01 16 14 | New Britain (ISC). Dc=121.9°. |
| 12 | ePKIKP ei | 18 24 20 24 34.5 | New Hebrides (ISC). Dc=139.1°. |
| 12 | e | 19 28 17 | Near. |
| 12 | e | 23 13 53 | Near. |
| 13 | e | 03 30 06 | |
| 13 | ePKIKP | 05 00 24 | New Hebrides (ISC). Dc=139.6°. |
| 13 | ePKIKP | 11 44 18 | New Hebrides (ISC). Dc=139.1°. |
| 13 | ePKIKP eiPP | 12 59 40 13 02 39 | New Hebrides (ISC). Dc=139.1°. |
| 13 | ePKIKP | 18 15 54 | New Hebrides (ISC). Dc=140.5°. |
| 14 | ePKIKP | 13 37 37 | Santa Cruz Islands (ISC). Dc=135.2°. |
| 14 | ePKIKP | 16 25 38 | West of Tonga (ISC). Dc=149.3°. |
| 15 | ePKIKP | 23 25 35 | Samoa Islands (ISC). Dc=146.9°. |
| 16 | eP | 04 44 33 | North Atlantic Ridge (ISC). Dc=41.9°. |
| 16 | iP eiPP | 12 46 17.7 48 25 | Central Mid-Atlantic Ridge (ISC). Dc=58.9°. |
| 16 | ePKP2 | 17 21 41 | Balleny Islands (ISC). Dc=152.1°. |
| 16 | eP | 20 00 56 | North Atlantic Ridge (ISC). Dc=41.2°. |
| 17 | eP | 00 30 11 | North Atlantic Ridge (ISC). Dc=41.2°. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|--|---|
| 17 | iP eiPcP ei eS | 10 47 01 47 24 47 30 10 57 00 | Sumatra (ISC). Dc=78°. |
| 17 | e | 16 52 02 | |
| 17 | e | 16 56 28 | Explosion. L 56 48, Lm 57 05. |
| 17 | e | 17 48 50 | Lm 49 23. |
| 17 | ePKIKP | 22 38 23 | Loyalty Islands (ISC). Dc=143.5°. |
| 18 | ePKIKP | 14 34 29.5 | Tonga Islands (ISC). Dc=154.1°. |
| 18 | ei L Lm | 15 12 44 13 02 13 20 | New Hebrides (ISC). Dc=139.1°. |
| 18 | eiSg | 15 54 20 | Explosion. L 54 32, Lm 54 38. |
| 18 | eiPg | 18 32 42.5 | Explosion. eiSg 32 47.5, L 33 02, Lm 25 |
| 19 | e | 02 55 48 | |
| 19 | eiSg | 10 22 01 | Explosion. L 22 19, Lm 22.32. |
| 19 | eiSg | 17 05 49 | Explosion. Lm 06 10. |
| 19 | eiPb | 19 15 41 | Italy (ISC). Dc=4.1°. |
| 19 | ePb | 19 43 11 | Austria (ISC). Dc=4.1°. |
| 20 | e | 08 39 27 | Explosion. Lm 39 49. |
| 20 | Lm | 09 26 20 | |
| 20 | eP | 10 12 33 | |
| 20 | e | 11 11 20 | Explosion. Lm 11 44. |
| 20 | eSg | 13 02 06 | Explosion. L 02 25, Lm 39. |
| 20 | ei | 15 12 55 | Explosion. Lm 13 16. |
| 20 | eiSg | 17 14 00 | Explosion. Lm 14 17. |
| 20 | ePKIKP | 21 41 41 | Fiji Islands (ISC). Dc=150.9°. |
| 21 | iSg | 13 48 04 | Explosion. L 48 19, Lm 48 34. |
| 21 | eiP | 15 17 24 | Sumatra (ISC). Dc=91.5°. |
| 22 | ePKP2 | 11 00 15 | Kermadec Islands (ISC). Dc=158.4°. |

| Date | Phase | h m s | Remarks |
|------|----------------------|-------------------------------|--|
| 23 | eiP eiPP eiSSS | 14 11 10 11 18.5 13 29 | Turkey (ISC). Dc=8.8°. |
| 23 | eiP eiPcP eiPP | 19 59 19 59 40 20 03 04 | Mexico (ISC). Dc=93.7°. |
| 23 | eSn eiSg | 23 47 50 48 53 | Turkey (ISC). Dc=9.6°. |
| 24 | eiP ei | 01 09 40 14 16 | Mexico (ISC). Dc=93.7°. |
| 24 | eiPKIKP | 07 26 10 | West of Tonga (ISC). Dc=151.5°. |
| 24 | eiPn eiSg | 23 59 56 00 02 47 | Turkey 40.3°N 26.1°E, H=23 57 33.9, h=18 km (ISC). Dc=9.6°. |
| 25 | eP | 05 01 14 | Crete (ISC). Dc=13.7°. |
| 26 | eP | 09 01 57 | Greece 38.5°N 22.2°E, H=08 59 34 (ISC). Dc=9.2°. |
| 27 | eP | 04 28 32 | Eastern Caucasus (ISC). Dc=23.3°. |
| 27 | eP | 18 34 02 | Kurile Islands (ISC). Dc=78°. |
| 28 | e | 00 18 51 | Tonga Islands (ISC). Dc=147°. |
| 29 | iPKIKP ei | 14 16 00 16 03 | West of Tonga (ISC). Dc=147.1°. |
| 30 | ePKIKP | 03 51 33 | New Hebrides (ISC). Dc=140°. |
| 31 | iP | 07 34 04 | Turkey (ISC). Dc=18.6°. |

| Date | Phase | h m s | Remarks |
|------|---------------------------------|--|--|
| 1 | eP | 04 40 00 | Sea of Okhotsk (ISC). Dc=73.5°. |
| 2 | eiPg | 11 34 20 | eSg 34 23, L 34 30, Lm 34 34. |
| 3 | e | 12 59 06 | e 59 19. |
| 4 | iP | 14 44 22.5 | Kodiak Island (ISC). Dc=74.3°. |
| 8 | e Lm | 09 51 42 51 58 | Explosion. |
| 8 | eP | 11 28 25 | Alaska (ISC). Dc=76.4°. |
| 8 | e | 12 39 29 | Near. |
| 8 | e | 13 41 38 | |
| 9 | e | 00 08 31 | |
| 9 | ei Lm | 08 13 46 14 07 | Explosion. |
| 9 | eiPP | 10 19 36 | America (ISC). Dc=93.1°. |
| 10 | eiP | 19 38 20 | Japan (ISC). Dc=81.3°. |
| 11 | eP | 04 51 25 | Greece (ISC). Dc=9.2°. |
| 11 | eiPKIKP e | 07 11 52 21 50 | New Ireland (ISC). Dc=122.4°. |
| 11 | ei ei Lm | 11 47 49 47 54 48 07 | Explosion. |
| 12 | eiPn eiPb ePg e eSb | 05 13 41 13 47 14 33 14 43 15 12 | Italy (ISC). Dc=6.9°. |
| 12 | ei | 13 19 23.6 | |
| 12 | iP i eS | 22 13 49.2 13 59.2 23 03 | Chagos Archipelago (ISC). D=71°, Dc= 71.6°. |
| 13 | e | 12 20 22 | |
| 14 | ePKIKP | 07 46 51 | Tonga Islands (ISC). Dc=147.9°. |
| 14 | e | 11 59 23 | |
| 16 | ei | 09 49 51.5 | |
| 16 | eiP | 14 03 24 | Philippine Islands (ISC). Dc=97.2°. |
| 16 | Sept.-1 st | Nov. | The station was out of operation for technical reasons. |

| Date | Phase | h m s | Remarks |
|------|-------|-------|---------------------------------|
| 1 | - 31 | | The apparatus out of operation. |

| Date | Phase | h m s | Remarks |
|------|------------------|----------------------------|---------------------------------|
| 1 | ei Lm | 13 45 19.5 45 33 | Explosion. |
| 1 | eiPKP eiPKP2 | 18 22 04 22 15 | Fiji Islands (ISC). Dc=151.7°. |
| 2 | eiPKP iPKP2 | 01 08 09.5 08 22.5 | Fiji Islands (ISC). Dc=151.7°. |
| 2 | eiP | 04 29 27.5 | |
| 3 | iP ei eiPP | 02 50 32 50 50 52 45 | |
| 4 | ei | 11 22 33 | Explosion. |
| 4 | ei | 11 41 38 | Explosion. |
| 4 | ei | 11 59 03.5 | Explosion. |
| 4 | ei | 12 29 14 | Explosion. |
| 4 | ei | 12 48 20 | Explosion. |
| 4 | ei | 13 13 24 | Explosion. |
| 4 | ei | 14 00 04 | Explosion. |
| 4 | ei | 14 04 54 | Explosion. |
| 4 | ei | 15 08 04 | Explosion. |
| 7 | - 30 | | The apparatus out of operation. |

| Date | Phase | h m s | Remarks |
|------|--------------|-------------------|--|
| 13 | eiP | 14 58 13.2 | Kurile Islands (ISC). Dc=78.3°. |
| 13 | eP | 17 46 05 | Albania (ISC). Dc=7.8°. |
| 13 | eiP | 22 49 39.5 | Kurile Islands (ISC). Dc=78.3°. |
| 13 | eiP | 23 05 19 | Kurile Islands (ISC). Dc=78.3°. |
| 15 | eP | 02 36 05 | Ascension Island (ISC). Dc=57.1°. |
| 15 | i | 09 07 34 | i 07 35, ei 07 36.5, ei 07 51, Lm 08 13. |
| 15 | eiP | 10 34 20 | Kurile Islands 44.8°N 150.2°E, H=10 22 23.4, h=77 km. Dc=78.3°. |
| 15 | i | 11 16 58 | Explosion. |
| 15 | e | 12 01 05 | Explosion. |
| 15 | i | 12 07 24 | Explosion. |
| 15 | i | 13 01 43 | Explosion. |
| 15 | eSg | 20 05 31 | Yugoslavia (ISC). Dc=2.9°. |
| 15 | eiP | 23 18 27 | Panama (ISC). Dc=91°. |
| 16 | eiP | 19 27 43 | Nevada (USAEC). Dc=86.2°. |
| 16 | eiPKIKP i | 23 25 21 25 23 | West of Tonga (ISC). Dc=147.1°. |
| 17 | ei | 14 06 31 | ei 06 35. |
| 18 | eP | 08 42 48 | Kurile Islands (ISC). Dc=78.3°. |
| 18 | eiPn eiPg | 09 23 54 24 11 | Italy (ISC). Dc=5.8°. |
| 18 | eiP | 13 32 26 | Kurile Islands (ISC). Dc=78.3°. |
| 20 | iP eiSb | 00 10 25 12 55 | Aegean Sea (ISC). Dc=9.2°. |
| 20 | eiP eiSb | 00 33 06 35 36 | Aegean Sea 40.2°N 24.9°E, H=00 30 52.4, h=4 km (ISC). Dc=9.2°. |
| 20 | eiP | 08 24 19 | |
| 20 | ei | 10 43 42 | Explosion. |
| 20 | ei | 11 01 28 | Explosion. |
| 20 | ei | 11 16 21 | Explosion. |
| 20 | ei | 11 43 20 | Explosion. |

| Date | Phase | h m s | Remarks |
|------|--------------------|------------------------|------------------------------------|
| 20 | ei | 15 28 26 | Explosion. |
| 21 | eSb | 10 04 40 | Belgium (ISC). Dc=9.0°. |
| 21 | eiPKP2 | 10 58 20 | Kermadec Islands (ISC). Dc=157.8°. |
| 21 | eP | 17 07 08 | |
| 21 | eiPKIKP | 18 09 16 | West of Tonga (ISC). Dc=148.3°. |
| 22 | iP eiPcP | 00 40 32 40 42 | Kamchatka (ISC). Dc=75.6°. |
| 22 | eP | 07 39 00 | Kamchatka (ISC). Dc=74.4°. |
| 22 | iP eiS | 19 52 52.5 20 02 27 | C. Kodiak Islands (ISC). Dc=74.3°. |
| 23 | e | 11 06 47 | |
| 23 | iP | 15 30 58 | C. Italy (ISC). Dc=7.2°. |
| 25 | eiPKIKP | 03 16 30 | West of Tonga (ISC). Dc=147.1°. |
| 25 | eiPn | 10 19 14 | Yugoslavia (ISC). Dc=5.2°. |
| 25 | ePn | 12 17 47 | Aegean Sea (ISC). Dc=9.2°. |
| 25 | ei | 18 50 51 | |
| 25 | eiPKIKP eiPKHKP | 19 39 23 39 27 | West of Tonga (ISC). Dc=147.1°. |
| 28 | iP eiPcP | 20 45 18 45 31 | Bonin Islands (ISC). Dc=89.2°. |
| 30 | eiPcP | 02 18 33 | Unimak Island (ISC). Dc=74.5°. |
| 31 | eiP | 17 08 52 | Kurile Islands (ISC). Dc=79.3°. |

Seismic observations of the station Hurbanovo

July - December 1965

A. Weihsová, I.Bochníčková

Instrument:

Seismograph Mainka, components N, E, air damping, mechanic registration.

Station coordinates: $\varphi = 47^{\circ}52'35''$ N, $\lambda = 18^{\circ}11'34''$ E.

Elevation: $h = 115$ m.

Lithologic foundation: bed of sand.

Constants 1965

Hurbanovo

| Month | Component | T_0 (s) | V_0 | $\frac{r}{T_0^2} \left[\frac{\text{mm}}{\text{s}^2} \right]$ | $\varepsilon : 1$ | Reg.speed |
|-----------------------|-----------|-----------|-------|---|-------------------|-----------|
| July - September | N | 10 | 48 | 0.6 | 4.4 | 30 mm/min |
| | E | 10 | 50 | 0.4 | 4.8 | 30 mm/min |
| October - December | N | 10 | 44 | 0.8 | 4.2 | 30 mm/min |
| | E | 10 | 51 | 0.4 | 2.9 | 30 mm/min |

| Date | Phase | h m s | Remarks |
|------|-------|----------|--|
| 2 | eiP | 21 10 41 | Aleutian Islands (ISC). Dc=79°. |
| | eiPcP | 11 03 | |
| | ei | 11 13 | |
| | ei | 11 35 | |
| | ei | 12 09 | |
| | ei | 12 23 | |
| | eiPP | 13 43 | |
| | eiPPP | 15 09 | |
| | eiS | 20 47 | |
| | ei | 22 12 | |
| | Lm | 48.5 | |
| 6 | eiPn | 03 21 10 | Greece (ISC). MLH=6.2 Hurbanovo. Dc= =9.7°. LmH: 6s 79 μ . |
| | ei | 21 26 | |
| | ei | 21 46 | |
| | eiSn | 22 36 | |
| | ei | 23 11 | |
| | eiSg | 24 00 | |
| | Lm | 26.5 | |
| | Lm | 35.5 | |
| 29 | eiP | 08 41 34 | Aleutian Islands (ISC). MLH=7.1 Hurba- novo. Dc=80°. LmH=18s 80 μ . |
| | ei | 42 20 | |
| | ei | 42 36 | |
| | eiPP | 44 18 | |
| | ei | 45 22 | |
| | eiS | 51 32 | |
| | ei | 52 54 | |
| | Lm | 09 23.5 | |

| Date | Phase | h m s | Remarks |
|------|---------|----------|--|
| 11 | eiPKIKP | 22 51 18 | New Hebrides (ISC). MLH=6.9 Hurbanovo. Dc=139.5°. LmH: 14s 29 μ . |
| | ei | 52 30 | |
| | eiPP | 54 21 | |
| | ei | 55 30 | |
| | ei | 23 00 48 | |
| | eiPS | 04 40 | |
| | Lm | 00 36.5 | |
| 12 | Lm | 13 53.5 | New Britain (ISC). Dc=122°. |
| 13 | ePKIKP | 12 59 56 | New Hebrides (ISC). MLH=6.9 Hurbanovo. Dc=139°. LmH: 14s 12 μ . |
| | eiPKS | 13 03 40 | |
| | eiPPP | 05 16 | |
| | ei | 10 08 | |
| | ei | 15 24 | |
| Lm | 14 04 | | |
| 16 | e | 12 47 06 | Central-Mid Atlantic Ridge (ISC). Dc= 58.6°. |
| | eiPP | 48 30 | |
| | ei | 49 48.5 | |
| | eiS | 50 28.5 | |
| eiS | 54 28 | | |
| 20 | eiPKP | 06 13 05 | Banda Sea (ISC). Dc=108°. |
| | eipPP | 14 31 | |
| | ei | 17 31 | |
| | eiS | 20 15 | |
| | eisS | 22 11 | |
| | ei | 28 30 | |
| 23 | eiP | 14 11 25 | Turkey (ISC). MLH=5.9 Hurbanovo. Dc= 9.7°. LmH: 6s 60 μ . |
| | ei | 12 05 | |
| | eiS | 13 05 | |
| | ei | 13 43 | |
| | ei | 14 20 | |
| | Lm | 16.5 | |
| 23 | eiP | 19 59 23 | Mexico (ISC). MLH=7.5 Hurbanovo. Dc= 93°. LmH: 22s 240 μ . |
| | ei | 20 00 33 | |
| | eiPP | 02 25 | |
| | ei | 04 11 | |
| | eiPPP | 05 23 | |
| | eiS | 10 35 | |
| | Lm | 35.5 | |
| 25 | eSg | 00 02 47 | Turkey (ISC). Dc=9.7°. |
| 31 | eiP | 07 34 14 | Turkey (ISC). MLH=5.9 Hurbanovo. Dc= 19°. LmH: 10s 33 μ . |
| | ei | 35 16 | |
| | ei | 36 30 | |
| | eiS | 37 32 | |
| | Lm | 44.5 | |

| Date | Phase | h m s | Remarks |
|------|--|--|--|
| 4 | eiP ei eiPP eiS eiPS ei Lm | 14 44 26 45 16 46 38 53 56 54 20 56 22 15 18.5 | Kodiak Island (ISC). MLH=7 Hurbanovo. D=74°, Dc=72.5°. LmH: 18s 76 μ. |
| 17 | eiP ei eiPP eiPS ei Lm | 16 33 40 34 34 36 28 44 14 45 32 17 14.5 | Japan (ISC). MLH=7.2 Hurbanovo. Dc=80°. |
| 21 | eiP eiPP | 01 50 29 53 27 | Ryukyu Islands (ISC). Dc=80.7°. |
| 22 | - 23 | | The apparatus out of operation. |

| Date | Phase | h m s | Remarks |
|------|--|---|--|
| 1 | eiP ei ei ei eiS Lm | 09 04 23 05 07 06 29 10 45 14 49 27.5 | D. W. Aleutian Islands (ISC). MLH=6.2 Hurbanovo. Dc=80.0°. LmH: 4s 2 μ. |
| 3 | eP ei | 14 57 17 59 37 | C. S. W. Kurile Islands (ISC). Dc=76.0°. |
| 25 | eiP eiPP eiSP ei eiPP eiS ei Lm | 22 46 05 46 26 46 45 47 16 48 45 55 43 57 39 23 25.5 | C. W. S. Japan (ISC). MLH=5.6 Hurbanovo. Dc=77.0°. LmH: 10s 1.3 μ. |

| Date | Phase | h m s | Remarks |
|------|-------|----------|--|
| 13 | eiP | 04 42 25 | C. W. China (ISC). Dc=47.1°. LmH: 8s 40 μ . |
| | eiPP | 44 23 | |
| | ei | 45 33 | |
| | eiS | 49 17 | |
| | eiSS | 52 29 | |
| | LR | 05 01.5 | |
| | Lm | 10.5 | |
| 15 | eiP | 11 28 28 | Central Mid-Atlantic Ridge (ISC). Dc= 56.0°. |
| | ei | 33 26 | |
| | ei | 39 12 | |
| | Lm | 12 02.5 | |

| Date | Phase | h m s | Remarks |
|------|-------|----------|---------------------------------|
| 20 | eiPn | 00 10 43 | Aegean Sea (ISC). Dc=9.2°. |
| | ei | 11 18 | |
| | eiSn | 12 27 | |
| | eiSg | 13 27 | |
| | Lm | 20.5 | |
| 22 | eiP | 19 53 09 | Kodiak Islands (ISC). Dc=73.0°. |
| | ei | 53 41 | |
| | eiPP | 55 23 | |
| | ei | 20 02 29 | |

Seismic observations of the station Skalnaté Pleso

July - December 1965

A.Weihsová, I.Bochníčková

Instruments:

I = Seismograph Wiechert, mass 210 kg, air damping, components N, E, mechanic registration.

Station coordinates: $\varphi = 49^{\circ}11'20''$ N, $\lambda = 20^{\circ}14'32''$ E.

Elevation: H = 1772 m.

Lithologic foundation: granit.

Constants 1965

Skalnaté Pleso

Wiechert horizontal astatic seismograph

| Month | Component | T_0 | V_0 | r/T_0 (m/sec ⁰) | $\epsilon : 1$ | Reg. speed |
|-----------------------|---------------------------------|-------|-------|-------------------------------|----------------|-------------|
| July - September | N | 8 | 47 | 0.8 | 3.1 | 11.5 mm/min |
| | E | 8 | 51 | 0.6 | 3.4 | 11.5 mm/min |
| October - November | The apparatus out of operation. | | | | | |

| Date | Phase | h m s | Remarks |
|------|---|---|--|
| 1 | eiPKIKP eiPKP2 eiPP ei | 23 32 49 33 40 37 35 42 17 | South Pacific Cordillera (ISC). Dc=160.2°. |
| 2 | eiP ei eiPP ei eiS Lm | 21 10 32 12 07.5 13 35 17 24 20 26 50.5 | Aleutian Islands (ISC). Dc=77.2°. |
| 3 | eiP ei Lm | 02 28 46 30 28 40 5 | North Atlantic Ocean (ISC). Dc=32.5°. |
| 5 | eP ei | 08 38 40 40 10 | North Atlantic Ocean (ISC). Dc=33.6°. |
| 6 | eiP eiPP ei ei eiS L Lm | 03 21 22 21 28 21 46 22 10 23 24 25 00 35.5 | Greece (ISC). Dc=10.5°. |
| 6 | eiPKIKP ei ei | 18 54 43 56 07 19 01 32 | Solomon Islands (ISC). Dc=121.7°. |
| 7 | - 31 | | The apparatus out of operation. |

| Date | Phase | h m s | Remarks |
|------|-------------------------|--|------------------------|
| 23 | eiP ei eiS i | 14 11 24 11 28 11 47 13 47 14 34 | Turkey (ISC). Dc=8.3°. |
| 23 | eiP eiPP ei Lm | 19 59 07 20 02 39 05 21 36.5 | Mexico (ISC). Dc=91°. |

| Date | Phase | h m s | Remarks |
|-------|----------------|----------------------------|---------------------------------|
| 4 | eiP ei e | 14 44 23 44 41 45 11 | Kodiak Island (ISC). Dc=72.2°. |
| Sep.4 | - Dec. 31 | | The apparatus out of operation. |

Microseisms

July - December 1965

J. Hajský: Praha

A. Weihsová: Hurbanovo

Microseisms
Instrument: Wiechert NS July 1965 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 | 0.0 | | | 3 | 3.3 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.4 | 0.1 |
| 2 | 0.0 | | | 3 | 3.6 | 0.1 | ... | | | ... | | |
| 3 | ... | | | ... | | | ... | | | ... | | |
| 4 | ... | | | ... | | | 0.0 | | | 0.0 | | |
| 5 | 0.0 | | | 0.0 | | | 3 | 3.6 | 0.1 | 3 | 3.5 | 0.1 |
| 6 | 3 | 3.5 | 0.1 | 0.0 | | | ... | | | 0.0 | | |
| 7 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 8 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 9 | tt | | | 0.0 | | | ... | | | ... | | |
| 10 | ... | | | ... | | | 0.0 | | | 0.0 | | |
| 11 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 12 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.5 | 0.2 |
| 13 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.8 | 0.1 | 0.0 | | |
| 14 | | | | 3 | 3.3 | 0.1 | 0.0 | | | 0.0 | | |
| 15 | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | | 0.0 | | |
| 16 | 0.0 | | | 3 | 3.9 | 0.2 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 |
| 17 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.3 | 0.1 | 0.0 | | |
| 18 | 0.0 | | | 0.0 | | | 3 | 4.0 | 0.1 | 0.0 | | |
| 19 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.5 | 0.1 | 3 | 4.0 | 0.1 |
| 20 | 3 | 4.2 | 0.1 | 3 | 3.5 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 |
| 21 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.2 | 0.1 |
| 22 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.6 | 0.1 | 3 | 4.3 | 0.1 |
| 23 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 |
| 24 | 0.0 | | | 3 | 4.5 | 0.1 | 3 | 4.3 | 0.1 | 3 | 3.8 | 0.1 |
| 25 | 0.0 | | | 3 | 3.4 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 |
| 26 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.5 | 0.1 |
| 27 | 3 | 3.3 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | ... | | |
| 28 | ... | | | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 29 | 3 | 3.4 | 0.1 | 3 | 3.5 | 0.2 | 3 | 4.2 | 0.4 | 3 | 4.2 | 0.4 |
| 30 | 3 | 3.7 | 0.1 | 3 | 3.5 | 0.1 | ... | | | ... | | |
| 31 | ... | | | 3 | 3.7 | 0.1 | vv | | | 3 | 3.8 | 0.1 |

Microseisms
Instrument: Wiechert EW July 1965 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 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 2 | 0.0 | | | 0.0 | | | ... | | | ... | | |
| 3 | ... | | | ... | | | ... | | | 3 | 3.4 | 0.1 |
| 4 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 5 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 6 | 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 | tt | | | 0.0 | | | ... | | | ... | | |
| 10 | ... | | | ... | | | 0.0 | | | 0.0 | | |
| 11 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 12 | 0.0 | | | 3 | 3.3 | 0.1 | 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 | | | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.1 | 0.0 | | |
| 17 | 0.0 | | | 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 | | | 3 | 3.8 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.8 | 0.1 |
| 21 | 0.0 | | | 0.0 | | | 3 | 3.4 | 0.1 | 0.0 | | |
| 22 | 0.0 | | | 0.0 | | | 3 | 4.0 | 0.1 | 0.0 | | |
| 23 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 24 | 0.0 | | | 3 | 3.9 | 0.1 | ... | | | 0.0 | | |
| 25 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 26 | 0.0 | | | 3 | 3.6 | 0.1 | 0.0 | | | 0.0 | | |
| 27 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 28 | ... | | | 3 | 3.3 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.5 |
| 29 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 4.1 | 0.3 | vv | | |
| 30 | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.1 | vv | | | 3 | 3.2 | 0.1 |
| 31 | 0.0 | | | 3 | 3.5 | 0.1 | vv | | | 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 | 3.3 | 0.1 | 0.0 | | | 0.0 | | | 3 | 3.3 | 0.1 |
| 2 | 0.0 | | | 3 | 3.4 | 0.1 | 3 | 3.5 | 0.1 | ... | | |
| 3 | 0.0 | | | 3 | 3.7 | 0.2 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 |
| 4 | 0.0 | | | 3 | 3.7 | 0.1 | tt | | | 3 | 3.4 | 0.1 |
| 5 | 0.0 | | | 3 | 3.5 | 0.2 | 3 | 3.4 | 0.1 | 3 | 3.6 | 0.1 |
| 6 | 0.0 | | | 3 | 3.4 | 0.1 | 0.0 | | | 3 | 3.7 | 0.1 |
| 7 | 3 | 3.5 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.3 | 0.1 |
| 8 | 0.0 | | | 3 | 4.1 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.6 | 0.1 |
| 9 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 10 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 11 | 0.0 | | | tt | | | 3 | 3.6 | 0.1 | 3 | 3.3 | 0.1 |
| 12 | tt | | | 3 | 3.9 | 0.1 | 3 | 3.4 | 0.1 | 0.0 | | |
| 13 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.1 |
| 14 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.4 | 0.1 |
| 15 | 3 | 3.8 | 0.1 | 3 | 3.3 | 0.1 | 0.0 | | | 0.0 | | |
| 16 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.5 | 0.1 | 3 | 4.0 | 0.1 |
| 17 | 0.0 | | | 3 | 4.0 | 0.1 | ... | | | 3 | 3.9 | 0.1 |
| 18 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.4 | 0.1 | 0.0 | | |
| 19 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.2 | 3 | 4.1 | 0.2 |
| 20 | 3 | 4.0 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.4 | 0.2 |
| 21 | 3 | 4.3 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.2 | 0.2 | 3 | 4.0 | 0.2 |
| 22 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.2 | 0.2 | 3 | 4.3 | 0.2 |
| 23 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 24 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 3.4 | 0.1 | 0.0 | | |
| 25 | 0.0 | | | 3 | 3.6 | 0.2 | 3 | 4.0 | 0.2 | 3 | 4.2 | 0.2 |
| 26 | 3 | 4.0 | 0.1 | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.1 | 0.1 |
| 27 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.8 | 0.1 |
| 28 | 3 | 3.6 | 0.1 | 3 | 3.8 | 0.2 | 3 | 4.0 | 0.2 | 3 | 4.2 | 0.2 |
| 29 | 3 | 3.7 | 0.1 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.2 | 3 | 3.8 | 0.2 |
| 30 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.0 | 0.2 | ... | | |
| 31 | ... | | | 3 | 3.4 | 0.1 | 3 | 3.7 | 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 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 2 | 0.0 | | | 3 | 3.0 | 0.1 | 3 | 3.1 | 0.1 | 0.0 | | |
| 3 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 0.0 | | |
| 4 | 0.0 | | | 0.0 | | | tt | | | 0.0 | | |
| 5 | 0.0 | | | 3 | 3.5 | 0.1 | 0.0 | | | 0.0 | | |
| 6 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 7 | 0.0 | | | ... | | | 3 | 3.3 | 0.1 | 3 | 3.4 | 0.1 |
| 8 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.3 | 0.1 | 0.0 | | |
| 9 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 10 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 11 | 0.0 | | | tt | | | 0.0 | | | 0.0 | | |
| 12 | tt | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 13 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 14 | 0.0 | | | 3 | 3.4 | 0.1 | 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 | | | ... | | | 0.0 | | |
| 18 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 19 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.9 | 0.1 | 0.0 | | |
| 20 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 3.6 | 0.1 | 3 | 4.2 | 0.1 |
| 21 | 0.0 | | | 3 | 4.6 | 0.1 | 3 | 4.3 | 0.1 | 0.0 | | |
| 22 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.1 |
| 23 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 4.1 | 0.1 | 0.0 | | |
| 24 | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | | 0.0 | | |
| 25 | 0.0 | | | 3 | 4.1 | 0.1 | 3 | 4.3 | 0.1 | 3 | 3.9 | 0.1 |
| 26 | 0.0 | | | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.4 | 0.1 |
| 27 | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | |
| 28 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.1 |
| 29 | 0.0 | | | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 |
| 30 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.6 | 0.1 | ... | | |
| 31 | ... | | | 3 | 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 | 3.5 | 0.1 | 3 | 3.9 | 0.1 | 0.0 | | |
| 2 | 0.0 | | | 3 | 3.8 | 0.1 | ... | | | 3 | 3.9 | 0.1 |
| 3 | 0.0 | | | 3 | 3.9 | 0.2 | 3 | 4.1 | 0.1 | 3 | 3.8 | 0.2 |
| 4 | 3 | 3.8 | 0.1 | 3 | 3.3 | 0.2 | 3 | 3.8 | 0.1 | 3 | 3.8 | 0.1 |
| 5 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.9 | 0.1 |
| 6 | 3 | 3.4 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.5 | 0.1 |
| 7 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 4.3 | 0.1 | 3 | 3.7 | 0.1 |
| 8 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 |
| 9 | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.2 | 3 | 4.1 | 0.2 | 3 | 4.3 | 0.1 |
| 10 | 0.0 | | | 3 | 4.2 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.0 | 0.1 |
| 11 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.3 | 0.2 | 3 | 3.8 | 0.1 |
| 12 | 0.0 | | | 0.0 | | | 3 | 3.3 | 0.1 | 3 | 3.7 | 0.1 |
| 13 | 0.0 | | | 3 | 3.4 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.9 | 0.2 |
| 14 | 3 | 3.5 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.8 | 0.1 | 0.0 | | |
| 15 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 |
| 16 | 3 | 3.8 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.2 | 3 | 3.9 | 0.1 |
| 17 | 0.0 | | | 3 | 4.0 | 0.2 | 3 | 4.3 | 0.4 | ... | | |
| 18 | ... | | | 3 | 3.7 | 0.2 | 3 | 4.0 | 0.2 | 3 | 3.9 | 0.1 |
| 19 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | ... | | | ... | | |
| 20 | ... | | | ... | | | 3 | 4.2 | 0.2 | 3 | 3.9 | 0.2 |
| 21 | 3 | 3.9 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.3 | 0.1 |
| 22 | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.1 |
| 23 | 0.0 | | | 3 | 4.1 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 24 | 3 | 3.8 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.4 | 0.2 | 3 | 4.2 | 0.1 |
| 25 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.7 | 0.1 |
| 26 | 3 | 3.9 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.2 | 3 | 3.9 | 0.2 |
| 27 | 3 | 4.0 | 0.1 | 3 | 3.7 | 0.2 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 |
| 28 | 3 | 3.8 | 0.1 | ... | | | 3 | 3.8 | 0.2 | 3 | 3.8 | 0.1 |
| 29 | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.2 | 3 | 3.7 | 0.2 | 3 | 3.6 | 0.1 |
| 30 | 3 | 3.3 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.3 | 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 | ... | | | 3 | 4.0 | 0.1 | 0.0 | | | 0.0 | | |
| 2 | 0.0 | | | 3 | 3.4 | 0.1 | ... | | | 0.0 | | |
| 3 | 0.0 | | | 3 | 3.4 | 0.1 | 0.0 | | | 3 | 3.0 | 0.1 |
| 4 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.6 | 0.1 | 0.0 | | |
| 5 | 0.0 | | | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 |
| 6 | 0.0 | | | 3 | 3.6 | 0.1 | 0.0 | | | 0.0 | | |
| 7 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 8 | 0.0 | | | 0.0 | | | 0.0 | | | 3 | 3.3 | 0.1 |
| 9 | 3 | 3.4 | 0.1 | 3 | 3.7 | 0.1 | 3 | 4.0 | 0.1 | 0.0 | | |
| 10 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 4.3 | 0.1 | 3 | 3.9 | 0.1 |
| 11 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.5 | 0.1 | 0.0 | | |
| 12 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 13 | 0.0 | | | 0.0 | | | 3 | 4.0 | 0.1 | 0.0 | | |
| 14 | 0.0 | | | 0.0 | | | 0.0 | | | 3 | 4.0 | 0.1 |
| 15 | 0.0 | | | 0.0 | | | 3 | 3.4 | 0.1 | 0.0 | | |
| 16 | 0.0 | | | 0.0 | | | 3 | 3.9 | 0.1 | 0.0 | | |
| 17 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.4 | 0.1 | ... | | |
| 18 | ... | | | 3 | 4.0 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 19 | 3 | 3.7 | 0.1 | 0.0 | | | ... | | | ... | | |
| 20 | ... | | | ... | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 21 | 3 | 3.7 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.1 |
| 22 | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.8 | 0.1 |
| 23 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.1 | 0.1 | 3 | 3.7 | 0.1 |
| 24 | 0.0 | | | 3 | 3.6 | 0.1 | 3 | 3.9 | 0.1 | 0.0 | | |
| 25 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 26 | 0.0 | | | 0.0 | | | 3 | 3.8 | 0.1 | 0.0 | | |
| 27 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.1 | 0.1 |
| 28 | 0.0 | | | ... | | | 0.0 | | | 0.0 | | |
| 29 | 0.0 | | | 3 | 3.4 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.3 | 0.1 |
| 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 | ... | | | 3 | 4.4 | 0.2 | 3 | 4.1 | 0.1 | 3 | 4.0 | 0.1 |
| 2 | 3 | 3.7 | 0.1 | 3 | 3.7 | 0.2 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 |
| 3 | 0.0 | | | 3 | 3.6 | 0.1 | ... | | | ... | | |
| 4 | ... | | | 3 | 4.5 | 0.1 | 3 | 5.2 | 0.1 | 3 | 4.6 | 0.1 |
| 5 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.3 | 0.1 |
| 6 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 |
| 7 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.8 | 0.1 |
| 8 | 3 | 4.0 | 0.1 | 3 | 4.1 | 0.2 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 |
| 9 | 0.0 | | | 3 | 4.0 | 0.1 | ... | | | ... | | |
| 10 | ... | | | ... | | | 3 | 4.4 | 0.1 | 3 | 4.0 | 0.2 |
| 11 | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.0 | 0.1 |
| 12 | 0.0 | | | 3 | 4.1 | 0.1 | 3 | 3.8 | 0.2 | 3 | 3.9 | 0.1 |
| 13 | 0.0 | | | 3 | 4.1 | 0.1 | 3 | 4.1 | 0.2 | 3 | 4.1 | 0.1 |
| 14 | 3 | 3.5 | 0.1 | 3 | 4.1 | 0.2 | 3 | 3.9 | 0.2 | 3 | 4.2 | 0.2 |
| 15 | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.7 | 0.2 | 3 | 4.5 | 0.1 |
| 16 | 3 | 3.9 | 0.1 | 3 | 4.2 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.0 | 0.1 |
| 17 | 3 | 4.2 | 0.1 | 3 | 3.8 | 0.1 | 3 | 4.4 | 0.1 | 3 | 3.9 | 0.1 |
| 18 | ... | | | 3 | 3.8 | 0.2 | 3 | 4.2 | 0.1 | 3 | 4.0 | 0.1 |
| 19 | 0.0 | | | 3 | 4.2 | 0.2 | 3 | 3.9 | 0.1 | 3 | 4.3 | 0.1 |
| 20 | 3 | 4.1 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.2 | 0.2 | 3 | 4.4 | 0.1 |
| 21 | 3 | 4.3 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.4 | 0.2 |
| 22 | 3 | 4.2 | 0.1 | 3 | 5.3 | 0.4 | 3 | 4.8 | 0.4 | 3 | 4.1 | 0.2 |
| 23 | 3 | 4.0 | 0.2 | 3 | 4.1 | 0.2 | 3 | 4.1 | 0.1 | 3 | 3.8 | 0.1 |
| 24 | 0.0 | | | 0.0 | | | 3 | 4.0 | 0.1 | 0.0 | | |
| 25 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.9 | 0.1 | ... | | |
| 26 | ... | | | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 | ... | | |
| 27 | ... | | | 3 | 4.3 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.0 | 0.1 |
| 28 | 3 | 3.9 | 0.1 | ... | | | 3 | 4.3 | 0.2 | 3 | 4.2 | 0.2 |
| 29 | 3 | 4.2 | 0.1 | ... | | | 3 | 4.8 | 0.4 | 3 | 4.4 | 0.2 |
| 30 | 3 | 4.5 | 0.1 | 3 | 4.5 | 0.4 | 3 | 4.6 | 0.2 | 3 | 4.1 | 0.1 |
| 31 | 3 | 4.4 | 0.2 | 3 | 4.3 | 0.2 | 3 | 5.0 | 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 | 3.9 | 0.1 | 3 | 3.6 | 0.1 |
| 2 | 3 | 3.8 | 0.1 | 3 | 3.7 | 0.1 | 3 | 4.6 | 0.1 | 0.0 | | |
| 3 | 0.0 | | | 0.0 | | | ... | | | ... | | |
| 4 | ... | | | 3 | 5.1 | 0.1 | 3 | 5.0 | 0.1 | 3 | 4.4 | 0.1 |
| 5 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.6 | 0.1 | 0.0 | | |
| 6 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 7 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 8 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 | 3 | 4.2 | 0.1 | 0.0 | | |
| 9 | 0.0 | | | 3 | 3.9 | 0.1 | ... | | | ... | | |
| 10 | ... | | | ... | | | 3 | 4.3 | 0.1 | 3 | 4.0 | 0.1 |
| 11 | 3 | 3.8 | 0.1 | 3 | 4.2 | 0.2 | 4 | 4.3 | 0.1 | 0.0 | | |
| 12 | 3 | 3.6 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.2 | 3 | 3.7 | 0.1 |
| 13 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.7 | 0.1 |
| 14 | 3 | 3.3 | 0.1 | 3 | 3.9 | 0.2 | 3 | 3.9 | 0.1 | 3 | 4.1 | 0.1 |
| 15 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.1 | 3 | 3.9 | 0.1 |
| 16 | 3 | 3.8 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.7 | 0.1 | 3 | 4.1 | 0.1 |
| 17 | 3 | 4.0 | 0.1 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.5 | 0.1 |
| 18 | ... | | | 3 | 3.5 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.7 | 0.1 |
| 19 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.4 | 0.1 |
| 20 | 0.0 | | | 3 | 3.8 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.6 | 0.1 |
| 21 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.6 | 0.2 | 3 | 4.2 | 0.1 |
| 22 | 3 | 4.1 | 0.1 | 3 | 5.1 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.1 | 0.2 |
| 23 | 3 | 4.0 | 0.1 | 3 | 4.0 | 0.2 | 3 | 3.7 | 0.1 | 3 | 3.7 | 0.1 |
| 24 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 25 | 0.0 | | | 0.0 | | | 3 | 3.4 | 0.1 | ... | | |
| 26 | ... | | | 3 | 4.0 | 0.1 | 3 | 4.1 | 0.1 | ... | | |
| 27 | ... | | | 3 | 3.5 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.6 | 0.1 |
| 28 | 0.0 | | | ... | | | 3 | 4.1 | 0.1 | 3 | 4.1 | 0.1 |
| 29 | 3 | 4.1 | 0.1 | ... | | | 3 | 4.8 | 0.2 | 3 | 4.2 | 0.2 |
| 30 | 3 | 4.2 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.1 | 0.1 |
| 31 | 3 | 4.1 | 0.1 | 3 | 4.2 | 0.2 | 3 | 4.8 | 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 | ... | | | 3 | 5.4 | 0.5 | 3 | 5.6 | 0.7 | 3 | 5.3 | 0.6 |
| 2 | 3 | 5.2 | 0.4 | 3 | 5.4 | 0.7 | 3 | 4.9 | 0.6 | 3 | 5.1 | 0.4 |
| 3 | 3 | 4.5 | 0.1 | 3 | 4.5 | 0.4 | 3 | 4.3 | 0.2 | 3 | 4.3 | 0.1 |
| 4 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.0 | 0.1 |
| 5 | 0.0 | | | 3 | 4.5 | 0.2 | 3 | 4.2 | 0.2 | 3 | 5.1 | 0.4 |
| 6 | ... | | | 3 | 5.7 | 0.6 | 3 | 6.0 | 0.7 | 3 | 5.8 | 0.5 |
| 7 | 3 | 5.2 | 0.2 | 3 | 5.0 | 0.4 | 3 | 5.0 | 0.4 | 3 | 4.3 | 0.2 |
| 8 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.4 | 0.1 | 3 | 3.9 | 0.1 |
| 9 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.3 | 0.1 |
| 10 | 0.0 | | | 3 | 4.7 | 0.2 | 3 | 4.3 | 0.1 | 3 | 3.9 | 0.1 |
| 11 | 3 | 3.7 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.0 | 0.2 |
| 12 | 3 | 3.7 | 0.1 | ... | | | ... | | | ... | | |
| 13 | ... | | | tt | | | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 |
| 14 | 3 | 3.7 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.8 | 0.2 | 3 | 4.0 | 0.4 |
| 15 | 3 | 4.1 | 0.2 | 3 | 3.9 | 0.4 | tt | | | 3 | 4.8 | 0.4 |
| 16 | 3 | 4.8 | 0.2 | 3 | 4.8 | 0.5 | 3 | 5.0 | 0.6 | 3 | 4.8 | 0.4 |
| 17 | 3 | 4.3 | 0.2 | 3 | 4.2 | 0.5 | 3 | 4.3 | 0.4 | 3 | 4.2 | 0.2 |
| 18 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.4 | 3 | 4.1 | 0.2 | 3 | 3.9 | 0.1 |
| 19 | 0.0 | | | 3 | 3.5 | 0.2 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 |
| 20 | 0.0 | | | 3 | 4.1 | 0.2 | 3 | 4.3 | 0.1 | 3 | 4.0 | 0.1 |
| 21 | 3 | 3.9 | 0.1 | 3 | 3.6 | 0.1 | 3 | 3.7 | 0.2 | 3 | 3.6 | 0.2 |
| 22 | 3 | 3.8 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.8 | 0.1 |
| 23 | 0.0 | | | 3 | 4.0 | 0.2 | 3 | 4.2 | 0.2 | 3 | 3.7 | 0.1 |
| 24 | 3 | 3.4 | 0.1 | 3 | 3.9 | 0.2 | 3 | 3.8 | 0.1 | 3 | 3.5 | 0.1 |
| 25 | 3 | 3.4 | 0.1 | 3 | 3.8 | 0.2 | 3 | 3.7 | 0.2 | 3 | 4.0 | 0.2 |
| 26 | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.2 | 3 | 3.8 | 0.2 | 3 | 3.7 | 0.1 |
| 27 | 0.0 | | | 3 | 4.1 | 0.2 | 3 | 4.4 | 0.2 | 3 | 3.8 | 0.2 |
| 28 | 3 | 3.7 | 0.1 | vv | | | 3 | 3.9 | 0.2 | 3 | 4.0 | 0.2 |
| 29 | 3 | 4.1 | 0.1 | 3 | 5.1 | 0.6 | 3 | 5.3 | 0.7 | 3 | 4.6 | 0.6 |
| 30 | 3 | 4.1 | 0.2 | 3 | 5.3 | 0.6 | 3 | 5.1 | 0.6 | 3 | 4.5 | 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 | ... | | | 3 | 5.2 | 0.4 | 3 | 5.2 | 0.4 | 3 | 5.2 | 0.4 |
| 2 | 3 | 5.4 | 0.4 | 3 | 5.2 | 0.4 | vv | | | 3 | 4.9 | 0.3 |
| 3 | 3 | 5.1 | 0.3 | 3 | 4.3 | 0.3 | 3 | 4.0 | 0.1 | 3 | 4.2 | 0.1 |
| 4 | 3 | 3.9 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.2 | 0.1 | 0.0 | | |
| 5 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.9 | 0.3 |
| 6 | ... | | | 3 | 5.8 | 0.4 | 3 | 5.1 | 0.4 | 3 | 4.8 | 0.3 |
| 7 | 3 | 4.6 | 0.3 | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.1 | 0.1 |
| 8 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.7 | 0.1 |
| 9 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.8 | 0.1 |
| 10 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 |
| 11 | 3 | 3.6 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.7 | 0.3 | 3 | 3.9 | 0.1 |
| 12 | 0.0 | | | ... | | | ... | | | ... | | |
| 13 | ... | | | tt | | | 3 | 4.0 | 0.1 | 3 | 3.7 | 0.1 |
| 14 | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.7 | 0.3 | 3 | 4.0 | 0.3 |
| 15 | 0.0 | | | 3 | 3.9 | 0.3 | tt | | | 3 | 4.6 | 0.3 |
| 16 | 3 | 4.5 | 0.1 | 3 | 4.7 | 0.4 | 3 | 4.6 | 0.4 | 3 | 4.5 | 0.4 |
| 17 | 3 | 4.5 | 0.3 | 3 | 4.0 | 0.3 | 3 | 4.1 | 0.3 | 3 | 4.0 | 0.3 |
| 18 | 3 | 3.8 | 0.1 | 3 | 4.0 | 0.3 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 19 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.5 | 0.1 | 3 | 3.6 | 0.1 |
| 20 | 0.0 | | | 3 | 3.7 | 0.1 | 0.0 | | | 0.0 | | |
| 21 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.5 | 0.1 |
| 22 | 3 | 3.5 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.3 | 0.1 | 3 | 3.2 | 0.1 |
| 23 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.4 | 0.1 |
| 24 | 0.0 | | | 3 | 3.6 | 0.1 | 3 | 3.8 | 0.1 | 3 | 3.4 | 0.1 |
| 25 | 0.0 | | | 3 | 3.5 | 0.1 | 3 | 3.4 | 0.1 | 3 | 3.6 | 0.1 |
| 26 | 3 | 3.4 | 0.1 | 3 | 3.6 | 0.3 | 3 | 3.6 | 0.1 | 3 | 3.4 | 0.1 |
| 27 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.8 | 0.1 |
| 28 | vv | | | vv | | | vv | | | 3 | 3.9 | 0.1 |
| 29 | 3 | 3.9 | 0.1 | 3 | 4.6 | 0.4 | 3 | 5.3 | 0.5 | 3 | 4.8 | 0.4 |
| 30 | 3 | 4.3 | 0.3 | 3 | 5.1 | 0.5 | 3 | 4.6 | 0.4 | 3 | 4.4 | 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 | 4.2 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.2 | 0.1 | 3 | 3.9 | 0.1 |
| 2 | 3 | 3.8 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.6 | 0.2 |
| 3 | 3 | 4.4 | 0.2 | 3 | 4.9 | 0.4 | 3 | 4.8 | 0.5 | 3 | 4.4 | 0.2 |
| 4 | 3 | 4.4 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.7 | 0.2 | 3 | 4.3 | 0.2 |
| 5 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.1 | 0.2 | 3 | 4.4 | 0.2 |
| 6 | 3 | 4.5 | 0.2 | 3 | 5.2 | 0.4 | 3 | 5.0 | 0.5 | 3 | 4.9 | 0.2 |
| 7 | 3 | 4.5 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.2 | 0.1 | 3 | 4.2 | 0.1 |
| 8 | 3 | 3.6 | 0.1 | 3 | 3.7 | 0.1 | 3 | 4.1 | 0.2 | 3 | 3.9 | 0.1 |
| 9 | 3 | 3.8 | 0.1 | 3 | 4.2 | 0.2 | 3 | 4.3 | 0.2 | 3 | 4.2 | 0.2 |
| 10 | 3 | 4.5 | 0.2 | 3 | 4.8 | 0.5 | 3 | 4.7 | 0.5 | 3 | 5.0 | 0.4 |
| 11 | 3 | 4.5 | 0.2 | 3 | 4.6 | 0.4 | 3 | 4.4 | 0.2 | 3 | 4.3 | 0.2 |
| 12 | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.3 | 0.2 | 3 | 4.4 | 0.1 |
| 13 | 3 | 4.1 | 0.1 | 3 | 4.0 | 0.1 | ... | | | 3 | 4.1 | 0.1 |
| 14 | 3 | 4.2 | 0.1 | 3 | 4.6 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.7 | 0.1 |
| 15 | 0.0 | | | 3 | 4.2 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.5 | 0.2 |
| 16 | tt | | | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.2 | 3 | 4.6 | 0.2 |
| 17 | 3 | 4.4 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.1 | 0.2 |
| 18 | 3 | 4.0 | 0.1 | 3 | 4.8 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.5 | 0.2 |
| 19 | 3 | 4.3 | 0.2 | 3 | 4.0 | 0.2 | 3 | 4.6 | 0.2 | 3 | 4.4 | 0.2 |
| 20 | 3 | 4.0 | 0.1 | 3 | 4.1 | 0.2 | 3 | 4.0 | 0.2 | 3 | 3.9 | 0.1 |
| 21 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.4 | 0.2 |
| 22 | 3 | 4.3 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.2 | 0.2 | 3 | 4.0 | 0.1 |
| 23 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.0 | 0.2 | 3 | 3.9 | 0.1 |
| 24 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.2 | 3 | 4.4 | 0.2 | 3 | 4.4 | 0.2 |
| 25 | 3 | 4.5 | 0.2 | 3 | 4.8 | 0.2 | 3 | 4.4 | 0.4 | 3 | 4.4 | 0.2 |
| 26 | 3 | 4.2 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.1 | 0.2 | 3 | 3.9 | 0.1 |
| 27 | 3 | 3.7 | 0.1 | 3 | 4.5 | 0.2 | 3 | 4.3 | 0.4 | 3 | 4.6 | 0.5 |
| 28 | 3 | 4.5 | 0.2 | 3 | 4.2 | 0.2 | 3 | 3.9 | 0.2 | 3 | 4.1 | 0.1 |
| 29 | 3 | 4.0 | 0.1 | 3 | 5.0 | 0.2 | 3 | 5.2 | 0.4 | 3 | 5.5 | 0.4 |
| 30 | 3 | 4.9 | 0.2 | 3 | 6.0 | 0.7 | 3 | 6.0 | 0.9 | 3 | 6.7 | 0.8 |
| 31 | 3 | 5.4 | 0.4 | 3 | 5.3 | 0.5 | 3 | 4.7 | 0.4 | 3 | 4.4 | 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 | 3 | 4.0 | 0.1 | vv | | | vv | | | 3 | 3.5 | 0.1 |
| 2 | 0.0 | | | 3 | 4.5 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.2 | 0.1 |
| 3 | 3 | 4.6 | 0.1 | 3 | 4.3 | 0.3 | 3 | 4.5 | 0.3 | 3 | 4.3 | 0.3 |
| 4 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.1 | 0.1 |
| 5 | 0.0 | | | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 4.2 | 0.3 |
| 6 | 3 | 4.1 | 0.1 | 3 | 4.9 | 0.3 | 3 | 4.7 | 0.4 | 3 | 4.3 | 0.3 |
| 7 | 3 | 4.3 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.1 | 0.1 |
| 8 | 0.0 | | | 0.0 | | | 3 | 3.9 | 0.1 | 0.0 | | |
| 9 | 3 | 3.5 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.9 | 0.1 |
| 10 | 3 | 4.2 | 0.1 | 3 | 4.4 | 0.4 | 3 | 4.5 | 0.3 | 3 | 4.3 | 0.3 |
| 11 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.3 | 3 | 4.1 | 0.3 | 3 | 4.0 | 0.1 |
| 12 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.3 | 0.1 |
| 13 | 0.0 | | | 3 | 3.7 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.0 | 0.1 |
| 14 | 0.0 | | | 3 | 4.2 | 0.1 | 3 | 4.5 | 0.1 | 0.0 | | |
| 15 | 0.0 | | | 3 | 4.5 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.4 | 0.1 |
| 16 | tt | | | 3 | 4.6 | 0.1 | 3 | 4.7 | 0.1 | 3 | 4.3 | 0.1 |
| 17 | 3 | 4.2 | 0.1 | 3 | 4.1 | 0.1 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 |
| 18 | 3 | 3.9 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.1 | 0.1 | 3 | 4.4 | 0.1 |
| 19 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | vv | | | 3 | 4.0 | 0.1 |
| 20 | 3 | 3.9 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.7 | 0.1 |
| 21 | 0.0 | | | 3 | 3.9 | 0.1 | 3 | 3.6 | 0.1 | 3 | 4.3 | 0.1 |
| 22 | 3 | 4.5 | 0.1 | 3 | 4.2 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.7 | 0.1 |
| 23 | 0.0 | | | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 | 3 | 3.5 | 0.1 |
| 24 | 3 | 3.6 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.7 | 0.1 | 3 | 3.9 | 0.1 |
| 25 | 3 | 4.0 | 0.1 | 3 | 4.5 | 0.1 | 3 | 4.5 | 0.3 | 3 | 4.6 | 0.3 |
| 26 | 3 | 4.3 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.3 | 0.1 | 3 | 4.0 | 0.1 |
| 27 | 3 | 3.6 | 0.1 | 3 | 4.0 | 0.1 | 3 | 4.4 | 0.1 | 3 | 4.5 | 0.3 |
| 28 | 3 | 4.4 | 0.3 | 3 | 4.0 | 0.1 | 3 | 4.0 | 0.1 | 3 | 3.9 | 0.1 |
| 29 | 0.0 | | | 3 | 4.4 | 0.1 | 3 | 4.6 | 0.1 | 3 | 4.6 | 0.3 |
| 30 | 3 | 5.0 | 0.3 | 3 | 5.8 | 0.6 | 3 | 6.5 | 0.6 | 3 | 5.9 | 0.6 |
| 31 | 3 | 5.6 | 0.2 | 3 | 4.7 | 0.3 | 3 | 4.9 | 0.4 | 3 | 4.3 | 0.3 |

Microseisms
Instrument: Mainka NS

July 1965

Hurbanovo

| TMG | 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 | | | 1 | 3 | 0.5 |
| 3 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0 | | |
| 4 | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | | 0 | | |
| 5 | 0 | | | 0.0 | | | 1 | 3 | 1 | 1 | 4 | 1 |
| 6 | 0 | | | 1 | 4 | 1 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 7 | 0 | | | 1 | 3 | 1 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 8 | 1 | 3 | 0.5 | 1 | 3 | 1 | 1 | 3 | 1 | 0.0 | | |
| 9 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 1 | 1 | 3 | 1 |
| 10 | 0.0 | | | 0.0 | | | 1 | 3 | 1 | 0.0 | | |
| 11 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 12 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 1 | 1 | 3 | 1 |
| 13 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | tt | | | 1 | 3 | 1 |
| 14 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 15 | 1 | 3 | 0.5 | 1 | 4 | 1.5 | 1 | 3 | 1 | 0.0 | | |
| 16 | 0.0 | | | 1 | 3 | 0.5 | 1 | 4 | 2 | 1 | 3 | 0.5 |
| 17 | 1 | 3 | 0.5 | 1 | 3 | 1 | 1 | 3 | 1 | 1 | 3 | 0.5 |
| 18 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 19 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 1 | 1 | 3 | 0.5 |
| 20 | 1 | 4 | 1 | 1 | 4 | 1 | 1 | 3 | 0.5 | 0.0 | | |
| 21 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 22 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 23 | 1 | 3 | 0.5 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 |
| 24 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 25 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 26 | 1 | 3 | 0.5 | 0.0 | | | 0.0 | | | 0.0 | | |
| 27 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 28 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 29 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 0.5 | 1 | 4 | 0.5 |
| 30 | 1 | 4 | 1.0 | 1 | 3 | 0.5 | 1 | 4 | 0.5 | 1 | 3 | 0.5 |
| 31 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 0.5 | 1 | 3 | 0.5 |

Microseisms
Instrument: Mainka EW

July 1965

Hurbanovo

| TMG | 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 | 1 | 4 | 0.4 | 1 | 4 | 0.4 | 1 | 3 | 0.6 | 1 | 3 | 0.6 |
| 2 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 3 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 4 | 0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 3 | 0.4 |
| 5 | 0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 6 | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 3 | 0.8 |
| 7 | 1 | 3 | 0.4 | 1 | 4 | 1.1 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 8 | 1 | 3 | 0.4 | 1 | 3 | 0.8 | 1 | 3 | 0.8 | 0.0 | | |
| 9 | ... | | | ... | | | 1 | 3 | 0.8 | 1 | 3 | 1.0 |
| 10 | 1 | 3 | 0.8 | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 3 | 0.8 |
| 11 | 0.0 | | | 0.0 | | | 1 | 3 | 0.8 | 1 | 3 | 0.8 |
| 12 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.8 | 1 | 3 | 0.8 |
| 13 | 1 | 3 | 0.4 | 1 | 3 | 0.8 | tt | | | 1 | 3 | 0.8 |
| 14 | 0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.8 | 1 | 3 | 0.8 |
| 15 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.8 |
| 16 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 17 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 18 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 19 | 0.0 | | | 1 | 4 | 1.1 | 1 | 3 | 0.8 | 0.0 | | |
| 20 | 0.0 | | | 1 | 4 | 1.1 | 1 | 3 | 0.8 | 0.0 | | |
| 21 | 0 | | | 1 | 4 | 0.8 | 1 | 3 | 0.4 | 0.0 | | |
| 22 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 1.1 | 1 | 3 | 0.8 |
| 23 | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 3 | 0.4 |
| 24 | 1 | 3 | 0.4 | 1 | 3 | 0.8 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 25 | 0.0 | | | ... | | | ... | | | 0.0 | | |
| 26 | 0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 27 | 0.0 | | | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 0.0 | | |
| 28 | 1 | 3 | 0.4 | 0.0 | | | 1 | 3 | 0.8 | 1 | 4 | 0.8 |
| 29 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 1.1 | 1 | 4 | 0.8 |
| 30 | 1 | 4 | 0.8 | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 31 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 |

| TMG | 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 | | |
| 2 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | ... | | |
| 3 | 0.0 | | | ... | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 4 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 6 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 7 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 8 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 9 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | ... | | |
| 10 | ... | | | ... | | | 1 | 3 | 0.5 | ... | | |
| 11 | ... | | | ... | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 12 | tt | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 13 | 0 | | | 1 | 3 | 0.5 | 2 | 3 | 0.5 | 1 | 3 | 0.5 |
| 14 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 2 | 4 | 0.5 |
| 15 | 0 | | | 2 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 16 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 17 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 18 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | |
| 19 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 1.0 | 0.0 | | |
| 20 | 1 | 3 | 0.5 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 1.0 |
| 21 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 22 | 1 | 3 | 0.5 | 0.0 | | | 0.0 | | | 0.0 | | |
| 23 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | |
| 24 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 25 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | |
| 26 | 0.0 | | | 1 | 3 | 1.0 | 2 | 4 | 1.0 | 1 | 3 | 0.5 |
| 27 | 1 | 3 | 0.5 | 1 | 3 | 1.0 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 28 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 2 | 4 | 1.0 | 2 | 4 | 1.0 |
| 29 | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 30 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | |
| 31 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | |

| TMG | 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 | | | 1 | 3 | 0.5 | 0.0 | | |
| 2 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 3 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 1.0 |
| 4 | 0.0 | | | 1 | 3 | 0.5 | 1 | 4 | 1.0 | 1 | 4 | 1.0 |
| 5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 1.0 | 1 | 3 | 0.5 |
| 6 | 0.0 | | | 1 | 3 | 0.5 | 1 | 4 | 1.0 | 1 | 3 | 0.5 |
| 7 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 1.0 | 0.0 | | |
| 8 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 9 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 1.0 | 1 | 3 | 0.5 |
| 10 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 1.0 | 1 | 3 | 0.5 |
| 11 | 0.0 | | | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 12 | tt | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 13 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 14 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 15 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 16 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 2 | 4 | 1.0 |
| 17 | 2 | 4 | 1.0 | 2 | 4 | 1.0 | 1 | 4 | 1.5 | 1 | 4 | 1.0 |
| 18 | 0.0 | | | 1 | 3 | 1.0 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 19 | 0.0 | | | 1 | 3 | 1.5 | 1 | 3 | 1.0 | 0.0 | | |
| 20 | 0.0 | | | 1 | 3 | 0.5 | 1 | 4 | 1.0 | 1 | 3 | 0.5 |
| 21 | 0 | | | 1 | 3 | 1.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 22 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 23 | 0.0 | | | ... | | | 1 | 4 | 1.0 | 0.0 | | |
| 24 | 0 | | | 1 | 4 | 1.0 | 1 | 4 | 1.0 | 1 | 3 | 0.5 |
| 25 | 0.0 | | | 1 | 4 | 1.5 | 1 | 4 | 1.5 | 0.0 | | |
| 26 | 1 | 3 | 0.5 | 1 | 4 | 1.5 | 0.0 | | | 0.0 | | |
| 27 | 0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 28 | 0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 29 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 0.0 | | |
| 30 | 0 | | | 1 | 3 | 0.5 | 1 | 4 | 1.0 | 1 | 3 | 0.5 |
| 31 | 1 | 3 | 0.5 | 1 | 4 | 1.0 | 1 | 3 | 0.5 | 0.0 | | |

| TMG | 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 | | |
| 3 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 4 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 5 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 6 | 0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 7 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 8 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 9 | 0 | | | 0.0 | | | 0.0 | | | 0.0 | | |
| 10 | 0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 11 | 0 | | | 1 | 6 | 0.7 | 1 | 4 | 0.4 | 1 | 3 | 0.4 |
| 12 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 13 | 0 | | | 0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 14 | 0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 15 | 0 | | | 0.0 | | | 1 | 4 | 0.8 | 1 | 4 | 1.2 |
| 16 | 1 | 3 | 0.4 | 1 | 3 | 0.8 | 0.0 | | | 0.0 | | |
| 17 | 0.0 | | | 0.0 | | | 1 | 4 | 0.8 | 1 | 3 | 0.4 |
| 18 | 1 | 3 | 0.4 | 1 | 4 | 2.0 | 1 | 4 | 2.0 | 0.0 | | |
| 19 | 0.0 | | | 1 | 4 | 2.0 | 1 | 6 | 1.7 | 0.0 | | |
| 20 | 0.0 | | | 2 | 6 | 0.3 | 2 | 6 | 0.7 | 0.0 | | |
| 21 | 0.0 | | | 2 | 5 | 0.4 | 2 | 6 | 0.7 | 1 | 3 | 0.4 |
| 22 | 2 | 4 | 0.8 | 2 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 4 | 1.1 |
| 23 | 0.0 | | | 1 | 3 | 0.4 | 2 | 4 | 0.8 | 2 | 4 | 0.8 |
| 24 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 25 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 26 | 0.0 | | | 1 | 3 | 0.8 | 0.0 | | | 0.0 | | |
| 27 | 0.0 | | | 0.0 | | | 2 | 4 | 0.8 | 0.0 | | |
| 28 | 0.0 | | | 0.0 | | | 2 | 4 | 0.8 | 1 | 3 | 0.4 |
| 29 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 2 | 3 | 0.4 | 1 | 3 | 0.4 |
| 30 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |

| TMG | 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 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 2 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 3 | 0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 4 | 1 | 3 | 0.4 | 1 | 5 | 1.7 | 0 | | | 1 | 3 | 0.4 |
| 5 | 0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 6 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 3 | 0.4 |
| 7 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 1.8 |
| 8 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 2.1 | 1 | 4 | 2.1 |
| 9 | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 2.1 | 1 | 4 | 2.1 |
| 10 | 1 | 3 | 0.4 | 1 | 3 | 0.9 | 1 | 4 | 0.8 | 1 | 3 | 0.8 |
| 11 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | ... | | | 1 | 3 | 0.4 |
| 12 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 1.1 | 1 | 4 | 1.1 |
| 13 | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 5 | 1.1 | 1 | 4 | 0.8 |
| 14 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 1.1 | 1 | 3 | 0.4 |
| 15 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 16 | 0 | | | 0.0 | | | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 17 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 0.0 | | |
| 18 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 0.8 |
| 19 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 20 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 3 | 0.4 |
| 21 | 1 | 3 | 0.4 | 1 | 3 | 0.8 | 1 | 4 | 1.1 | 1 | 3 | 0.4 |
| 22 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 3 | 0.4 |
| 23 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 0.0 | | |
| 24 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 25 | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 1.1 | 1 | 4 | 1.1 |
| 26 | 1 | 3 | 0.4 | 1 | 4 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.8 |
| 27 | 0.0 | | | 1 | 4 | 0.8 | 1 | 4 | 0.8 | 1 | 3 | 0.4 |
| 28 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 0.8 | 1 | 4 | 0.8 |
| 29 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 1.1 | 1 | 3 | 0.4 |
| 30 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 1.1 | 1 | 3 | 0.4 |

| TMG | 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 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 2 | 1 | 3 | 0.5 | 1 | 4 | 0.9 | 1 | 3 | 0.5 | 3 | 4 | 0.8 |
| 3 | 0.0 | | | 1 | 4 | 0.9 | 2 | 6 | 3.1 | 2 | 6 | 2.2 |
| 4 | 1 | 3 | 0.5 | 2 | 6 | 1.1 | 2 | 4 | 1.2 | 2 | 6 | 3.1 |
| 5 | 3 | 4 | 0.9 | 2 | 4 | 1.7 | 2 | 8 | 1.1 | 3 | 4 | 0.9 |
| 6 | 3 | 4 | 0.9 | 1 | 5 | 1.6 | 1 | 6 | 2.2 | 1 | 6 | 2.2 |
| 7 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 8 | 2 | 6 | 1.1 | 2 | 6 | 1.1 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 9 | 1 | 4 | 0.9 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 10 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 11 | 2 | 6 | 2.1 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 12 | 1 | 3 | 0.5 | 2 | 5 | 1.6 | 2 | 6 | 2.2 | 2 | 5 | 1.6 |
| 13 | 1 | 3 | 0.5 | 3 | 5 | 1.6 | 2 | 6 | 2.2 | 1 | 4 | 0.9 |
| 14 | ... | | | 2 | 4 | 0.9 | ... | | | ... | | |
| 15 | 2 | 5 | 1.6 | 2 | 5 | 1.6 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 16 | 2 | 4 | 1.2 | 2 | 5 | 2.1 | 2 | 5 | 2.1 | 2 | 5 | 2.1 |
| 17 | 2 | 4 | 1.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 5 | 2.1 |
| 18 | 1 | 4 | 0.9 | 2 | 5 | 2.1 | 1 | 4 | 0.9 | 1 | 3 | 0.5 |
| 19 | 0.0 | | | 1 | 4 | 0.9 | 2 | 6 | 2.2 | 1 | 4 | 0.9 |
| 20 | 0.0 | | | 1 | 3 | 1.0 | 1 | 4 | 0.9 | 1 | 3 | 0.5 |
| 21 | 0.0 | | | 1 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 22 | 2 | 3 | 0.5 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 23 | 2 | 6 | 2.2 | 2 | 5 | 2.1 | 2 | 5 | 2.1 | 2 | 5 | 2.1 |
| 24 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 25 | 2 | 5 | 2.1 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 5 | 2.1 |
| 26 | 2 | 5 | 2.1 | 2 | 4 | 0.9 | 2 | 3 | 0.5 | 0.0 | | |
| 27 | 0.0 | | | 1 | 3 | 0.5 | 0.0 | | | 0.0 | | |
| 28 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 29 | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 1 | 4 | 0.9 |
| 30 | 1 | 3 | 0.5 | 1 | 4 | 0.9 | 1 | 3 | 0.5 | 1 | 4 | 0.9 |
| 31 | 0.0 | | | 2 | 5 | 2.1 | 2 | 5 | 2.1 | 2 | 5 | 2.1 |
| 32 | 0.0 | | | 2 | 4 | 1.6 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 33 | 2 | 5 | 2.1 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 34 | 2 | 5 | 2.1 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 35 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |

| TMG | 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 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 2 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 3 | 0 | | | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 4 | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 3 | 6 | 1.1 |
| 5 | 0.0 | | | 3 | 4 | 0.9 | 3 | 4 | 0.9 | 0.0 | | |
| 6 | 0 | | | 3 | 5 | 0.9 | 0.0 | | | 0.0 | | |
| 7 | 0 | | | 3 | 3 | 0.4 | 1 | 3 | 0.9 | 1 | 3 | 0.4 |
| 8 | 2 | 6 | 1.6 | 2 | 6 | 1.6 | 2 | 6 | 1.6 | 2 | 6 | 1.6 |
| 9 | 1 | 4 | 0.9 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 10 | 1 | 3 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 11 | 2 | 5 | 1.6 | 2 | 6 | 1.6 | 2 | 6 | 1.6 | 2 | 6 | 1.6 |
| 12 | 3 | 4 | 0.9 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 5 | 1.6 |
| 13 | 0.0 | | | 3 | 4 | 0.9 | 3 | 4 | 0.9 | 3 | 4 | 0.9 |
| 14 | ... | | | 1 | 3 | 0.9 | ... | | | ... | | |
| 15 | ... | | | 2 | 4 | 0.9 | 2 | 6 | 2.1 | 2 | 6 | 2.1 |
| 16 | 2 | 5 | 1.6 | 2 | 4 | 1.8 | 2 | 4 | 1.8 | 2 | 4 | 1.8 |
| 17 | 2 | 4 | 0.9 | 2 | 5 | 2.1 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 18 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 19 | 2 | 4 | 0.9 | 1 | 3 | 0.4 | 2 | 4 | 0.9 | 2 | 5 | 1.1 |
| 20 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 21 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 22 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 23 | 0.0 | | | 1 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 6 | 2.0 |
| 24 | 2 | 5 | 2.0 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 6 | 2.0 |
| 25 | 2 | 5 | 2.0 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 5 | 2.0 |
| 26 | 1 | 3 | 0.4 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 5 | 2.0 |
| 27 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 28 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 29 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 30 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 31 | 0 | | | 1 | 4 | 1.4 | 1 | 4 | 1.4 | 1 | 4 | 0.4 |
| 32 | 2 | 4 | 1.4 | 2 | 5 | 2.0 | 2 | 5 | 2.0 | 2 | 5 | 2.0 |
| 33 | 2 | 4 | 1.1 | 2 | 4 | 1.1 | 2 | 4 | 1.1 | 2 | 4 | 1.1 |
| 34 | 2 | 4 | 1.1 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 6 | 2.1 |

Microseisms
Instrument: Mainka NS

November 1965

Hurbanovo

| TMG | 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 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 1 | 6 | 4.3 | 1 | 6 | 4.3 |
| 2 | 2 | 6 | 4.3 | 2 | 8 | 4.0 | 2 | 6 | 4.0 | 2 | 6 | 4.0 |
| 3 | 2 | 6 | 4.3 | 2 | 7 | 4.1 | 1 | 5 | 2.2 | 1 | 5 | 2.3 |
| 4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 5 | 1 | 3 | 0.5 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 5 | 2.3 |
| 6 | 2 | 6 | 2.2 | 2 | 8 | 4.0 | 2 | 8 | 4.0 | 2 | 8 | 4.0 |
| 7 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 7 | 3.3 | 2 | 4 | 0.9 |
| 8 | 2 | 6 | 2.2 | 2 | 6 | 2.2 | 2 | 4 | 0.9 | 1 | 3 | 0.5 |
| 9 | 0.0 | | | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 10 | 1 | 3 | 1.1 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 11 | 1 | 4 | 1.0 | 1 | 4 | 1.0 | 1 | 4 | 0.9 | 2 | 4 | 0.9 |
| 12 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 13 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 5 | 2.2 | 2 | 5 | 2.2 |
| 14 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 15 | 2 | 5 | 1.5 | 2 | 5 | 0.9 | 2 | 6 | 2.2 | 2 | 6 | 2.2 |
| 16 | 2 | 6 | 2.2 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 6 | 2.4 |
| 17 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 6 | 1.7 |
| 18 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 6 | 1.7 |
| 19 | 2 | 6 | 1.7 | 2 | 6 | 2.4 | 2 | 5 | 1.7 | 2 | 5 | 2.2 |
| 20 | 0.0 | | | 0.0 | | | 1 | 3 | 1.1 | 1 | 3 | 1.1 |
| 21 | 0.0 | | | 1 | 3 | 1.1 | 1 | 3 | 0.5 | 0.0 | | |
| 22 | 0.0 | | | ... | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 23 | 0.0 | | | 0.0 | | | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 24 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 25 | 1 | 3 | 0.5 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 26 | 2 | 5 | 1.5 | 2 | 5 | 1.5 | 2 | 5 | 1.5 | 2 | 5 | 1.5 |
| 27 | 2 | 5 | 1.5 | 2 | 5 | 1.5 | 2 | 5 | 1.5 | 2 | 5 | 1.5 |
| 28 | 2 | 4 | 1.0 | 2 | 5 | 1.5 | 2 | 4 | 0.9 | 2 | 4 | 1.4 |
| 29 | 2 | 4 | 0.9 | 2 | 6 | 2.4 | 2 | 8 | 4.0 | 2 | 8 | 4.0 |
| 30 | 2 | 8 | 4.0 | 2 | 6 | 4.3 | 2 | 8 | 4.0 | 2 | 8 | 4.0 |

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Microseisms
Instrument: Mainka EW

November 1965

Hurbanovo

| TMG | 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 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 6 | 3.3 | 2 | 7 | 2.7 |
| 2 | 2 | 6 | 2.1 | 2 | 5 | 2.0 | 2 | 6 | 2.1 | 1 | 4 | 0.9 |
| 3 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 4 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 5 | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 2 | 6 | 2.0 | 2 | 6 | 2.0 |
| 6 | 2 | 6 | 2.1 | 2 | 8 | 4.3 | 2 | 8 | 4.3 | 2 | 7 | 3.2 |
| 7 | 2 | 7 | 2.3 | 2 | 7 | 3.2 | 2 | 6 | 2.1 | 2 | 4 | 0.9 |
| 8 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 9 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 10 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 11 | 1 | 3 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 12 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 13 | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 14 | 1 | 3 | 0.4 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 15 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 16 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 6 | 2.1 |
| 17 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 5 | 1.6 | 2 | 5 | 1.6 |
| 18 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 5 | 1.6 | 2 | 5 | 1.6 |
| 19 | 2 | 6 | 1.1 | 2 | 4 | 0.9 | 1 | 3 | 1.1 | 0.0 | | |
| 20 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 21 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 22 | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | | 0.0 | | |
| 23 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 24 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 25 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 26 | 2 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 27 | 0.0 | | | 1 | 3 | 0.4 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 28 | 0.0 | | | 1 | 3 | 0.4 | 2 | 4 | 0.9 | 2 | 4 | 0.9 |
| 29 | 2 | 4 | 0.9 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 6 | 2.1 |
| 30 | 2 | 6 | 2.1 | 2 | 6 | 2.1 | 2 | 7 | 2.1 | 2 | 6 | 2.1 |

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| TMG | 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 | 2 | 5 | 2.2 | 2 | 5 | 2.2 | 1 | 6 | 2.4 | 1 | 5 | 2.2 |
| 2 | 1 | 3 | 0.9 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 7 | 2.4 |
| 3 | 2 | 6 | 2.1 | 2 | 6 | 2.4 | 2 | 7 | 2.4 | 2 | 6 | 2.4 |
| 4 | 2 | 5 | 1.8 | ... | | | 1 | 5 | 1.8 | 1 | 5 | 1.4 |
| 5 | 0.0 | | | 0.0 | | | 1 | 5 | 1.3 | 2 | 5 | 1.3 |
| 6 | 2 | 5 | 1.8 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 5 | 2.2 |
| 7 | 1 | 4 | 1.4 | 2 | 5 | 1.8 | 1 | 4 | 0.9 | 1 | 3 | 0.5 |
| 8 | 0.0 | | | 0.0 | | | 1 | 5 | 1.3 | 0.0 | | |
| 9 | 0.0 | | | 1 | 3 | 0.5 | 2 | 6 | 2.2 | 2 | 6 | 2.1 |
| 10 | 2 | 6 | 2.1 | 2 | 6 | 2.4 | 2 | 7 | 2.3 | 1 | 4 | 0.9 |
| 11 | 1 | 3 | 0.5 | 2 | 4 | 0.9 | 2 | 6 | 2.1 | 2 | 5 | 1.8 |
| 12 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 13 | 0.0 | | | 1 | 4 | 0.9 | 2 | 6 | 2.2 | 1 | 3 | 0.5 |
| 14 | 1 | 3 | 0.5 | 2 | 4 | 0.9 | 2 | 6 | 2.2 | 1 | 4 | 0.9 |
| 15 | 0.0 | | | 1 | 3 | 0.5 | 2 | 6 | 2.4 | 2 | 6 | 2.4 |
| 16 | 1 | 3 | 0.5 | 2 | 6 | 2.2 | 2 | 6 | 2.4 | 2 | 4 | 0.9 |
| 17 | 2 | 5 | 1.8 | 2 | 4 | 0.9 | 2 | 5 | 1.8 | 1 | 3 | 0.5 |
| 18 | 2 | 5 | 1.8 | ... | | | 2 | 5 | 1.8 | 1 | 3 | 0.5 |
| 19 | 0.0 | | | ... | | | 1 | 3 | 0.5 | 1 | 4 | 0.9 |
| 20 | 1 | 3 | 0.5 | 2 | 4 | 0.9 | 2 | 5 | 1.8 | 2 | 5 | 2.7 |
| 21 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 2 | 6 | 2.2 | 2 | 6 | 2.1 |
| 22 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 2 | 6 | 2.2 | 1 | 4 | 0.9 |
| 23 | 0.0 | | | 1 | 3 | 0.5 | 2 | 6 | 2.4 | 1 | 3 | 0.5 |
| 24 | 1 | 3 | 0.5 | 1 | 3 | 0.5 | 2 | 6 | 2.1 | 1 | 3 | 0.5 |
| 25 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 3 | 0.5 |
| 26 | 0.0 | | | 0.0 | | | 1 | 3 | 0.5 | 1 | 3 | 0.5 |
| 27 | 0.0 | | | 1 | 3 | 0.5 | 2 | 6 | 2.4 | 2 | 5 | 1.8 |
| 28 | 2 | 5 | 1.8 | 2 | 4 | 1.4 | 2 | 6 | 2.1 | 0.0 | | |
| 29 | 0.0 | | | 2 | 4 | 1.4 | 2 | 8 | 3.8 | 2 | 8 | 3.8 |
| 30 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 8 | 3.8 | 2 | 8 | 3.8 |
| 31 | 2 | 8 | 3.8 | 2 | 6 | 2.4 | 2 | 6 | 2.4 | 2 | 5 | 2.2 |

| TMG | 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 | 1 | 3 | 0.9 | 1 | 6 | 1.6 | 1 | 6 | 1.4 | 1 | 4 | 1.4 |
| 2 | 0.0 | | | 1 | 5 | 1.5 | 1 | 6 | 1.6 | 1 | 6 | 1.6 |
| 3 | 1 | 5 | 1.5 | 2 | 6 | 2.0 | 1 | 7 | 1.9 | 1 | 5 | 2.3 |
| 4 | 0.0 | | | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 5 | 0.0 | | | 0.0 | | | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 6 | 1 | 4 | 0.9 | 2 | 6 | 1.6 | 2 | 5 | 1.5 | 1 | 4 | 0.9 |
| 7 | 1 | 4 | 0.9 | 2 | 6 | 1.6 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 8 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 9 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 10 | 1 | 3 | 0.4 | 2 | 5 | 1.6 | 2 | 5 | 1.5 | 1 | 4 | 0.9 |
| 11 | 1 | 3 | 0.4 | 2 | 4 | 0.9 | 2 | 5 | 1.5 | 2 | 5 | 1.5 |
| 12 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 13 | 0.0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 14 | 0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 15 | 0 | | | 1 | 3 | 0.4 | 2 | 6 | 1.5 | 1 | 3 | 0.4 |
| 16 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 2 | 6 | 1.5 | 2 | 6 | 1.6 |
| 17 | 1 | 4 | 0.9 | 2 | 4 | 0.9 | 2 | 6 | 2.0 | 2 | 5 | 1.5 |
| 18 | 1 | 4 | 0.9 | ... | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 |
| 19 | 0.0 | | | 2 | 4 | 0.9 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 20 | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 2 | 4 | 0.9 | 1 | 3 | 0.4 |
| 21 | 0.0 | | | 0.0 | | | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 22 | 0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 |
| 23 | 0 | | | 1 | 3 | 0.4 | 1 | 4 | 0.9 | 1 | 3 | 0.4 |
| 24 | 0.0 | | | 1 | 3 | 0.4 | 1 | 3 | 0.4 | 0.0 | | |
| 25 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 1 | 3 | 0.4 | 1 | 3 | 0.4 |
| 26 | 0.0 | | | 0.0 | | | 1 | 3 | 0.4 | 0.0 | | |
| 27 | 0 | | | 1 | 3 | 0.5 | 2 | 4 | 1.4 | 2 | 5 | 1.5 |
| 28 | 2 | 4 | 1.4 | 1 | 4 | 0.9 | 1 | 4 | 0.9 | 0.0 | | |
| 29 | 0 | | | 1 | 3 | 0.4 | 2 | 6 | 1.4 | 1 | 4 | 0.9 |
| 30 | 2 | 4 | 0.9 | 2 | 6 | 2.0 | 2 | 8 | 3.4 | 2 | 6 | 2.0 |
| 31 | 2 | 6 | 2.0 | 2 | 6 | 2.0 | 2 | 5 | 1.5 | 2 | 4 | 1.4 |