USCGS
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# SEISMOLOGICAL BULLETIN

May, 1962

MSI – 257

COAST & GEODETIC SURVEY
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OCT. 18 1963
ACC. NO.

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U. S. DEPARTMENT OF COMMERCE

Luther H. Hodges, Secretary

COAST AND GEODETIC SURVEY—WASHINGTON

H. Arnold Karo, Director

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# National Oceanic and Atmospheric Administration

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1962

The instrumental results of the following stations are tabulated in this report:

Albuquerque, New Mexico (ALQ)
**Balboa Heights, C. Z. (BHP)
The Panama Canal Co.
*Boulder City, Nev. (BCN)
Bureau of Reclamation
*Bozeman, Mont. (BOZ)
Montana State College
*Butte, Mont. (BUT)
Montana School of Mines
*Chicago, Ill. (CHI)
University of Chicago and
U. S. Weather Bureau
College, Alaska (COL)
*Columbia, S. C. (CSC)
University of South Carolina
*Eureka, Nev. (EUR)
Eureka Corporation Limited
*Flaming Gorge, Utah (FGU)
Bureau of Reclamation
*Glen Canyon, Ariz. (GCA)
Bureau of Reclamation
Guam, M. I. (GUA)
Honolulu, Hawaii (HON)
*Hungry Horse, Mont. (HHM)
Bureau of Reclamation
Kipapa, Hawaii (KIP)
**Philadelphia, Pa. (PHI)
The Franklin Institute
**Rapid City, S. C. (RCD)
South Dakota State School of Mines
*Salt Lake City, Utah (SLC)
University of Utah
San Juan, Puerto Rico (SJP)
Sitka, Alaska (SIT)
*Thule, Greenland (THU)
U. S. Army Ionosphere Station
Tucson, Ariz. (TUC)
Tucson, Ariz. Telemeter (TUT)
Ukiah, Calif. (UKI)
International Latitude Observatory
Washington, D. C. (WAS)

*Indicates a station maintained by a local institution in cooperation with the Coast and Geodetic Survey.
**Indicates a station operating on an independent basis.
Other stations are observatories of the Coast and Geodetic Survey.

All seismogram interpretations are made or revised at Washington except those for Balboa Heights. Beginning January 1, 1959, the data from the horizontal components of the seismographs at all stations except College, Honolulu, and Tucson will not be published for earthquakes occurring outside the United States. The horizontal instruments will continue in operation and the seismograms for the local and regional earthquakes will be scaled and the data published.

All magnitude determinations are by Pasadena, unless otherwise stated. Minor earthquakes are listed at the end of the bulletin.

All coordinates of epicenters, origin times and focal depths have been calculated with the use of an electronic computer. The epicenters quoted in this bulletin are those previously reported in the Preliminary Determination of Epicenters cards with some refinement and minor additions.

All seismograms are on file in the Coast and Geodetic Survey, except those from Balboa Heights, which may be obtained on loan by addressing the Seismograph Station Director, Meteorological and Hydrographic Office, Panama Canal Company, Balboa Heights, Canal Zone.

| Date | Origin Time G. C. T. | Lat. | Long. | Region, Remarks and Focal Depth |
|---|---|---|---|---|
| May | h m s | ° | ° | |
| 1 | 00 00 28.4 | 73.1 N. | 5.7 E. | Svalbard region. h about 64 km. |
| 1 | 02 45 22.8 | 17.5 N. | 146.7 E. | Mariana Islands. h about 25 km. |
| 1 | 09 54 20.6 | 5.8 S. | 125.5 E. | Banda Sea. h about 621 km. |
| 1 | 10 00 00.0 | 24.2 N. | 5.1 E. | Southern Algeria. h about 0 km. |
| 1 | 11 53 58.6 | 38.2 N. | 20.5 E. | Ionian Islands. h about 92 km. |
| 1 | 21 08 16.1 | 20.0 S. | 65.7 E. | Mascarene Islands region. h about 39 km. |
| 2 | 02 43 25.9 | 55.9 N. | 156.1 W. | Kodiak Island, Alaska region. h about 25 km. |
| 2 | 06 15 18.4 | 52.6 N. | 142.0 E. | Sakhalin. h about 36 km. |
| 2 | 08 56 31.6 | 23.7 S. | 66.4 W. | Jujuy Province, Argentina. h about 177 km. |
| 2 | 10 21 05.9 | 52.5 N. | 142.0 E. | Sakhalin. h about 72 km. |
| 2 | 11 05 13.5 | 14.5 N. | 120.2 E. | Luzon, Philippine Islands. h about 82 km. |
| 2 | 12 33 08.3 | 23.8 S. | 66.6 W. | Jujuy Province, Argentina. h about 177 km. |
| 2 | 20 43 53.8 | 26.3 S. | 177.7 W. | South of Fiji Islands. h about 183 km. |
| 2 | 23 18 28.4 | 74.9 N. | 9.0 E. | Arctic Ocean, west of Svalbard. h about 23 km. |
| 3 | 02 37 56.6 | 42.6 N. | 144.6 E. | Off southeast coast of Hokkaido, Japan. h about 49 km. |
| 3 | 03 12 14.7 | 8.2 N. | 82.8 W. | Panama-Costa Rica border. h about 32 km. |
| 3 | 03 34 49.0 | 60.0 S. | 32.9 W. | Sandwich Islands region. h about 20 km. Mag. 5¾-6 (Pal). |
| 3 | 13 48 23.9 | 29.1 N. | 115.5 W. | Near west coast of Baja California. Felt in San Diego, Califor h about 25 km. Mag. 5. |
| 3 | 17 00 32.9 | 60.5 S. | 33.2 W. | Sandwich Islands region. h about 33 km. |
| 3 | 22 49 11.9 | 63.6 N. | 151.7 W. | Alaska. h about 55 km. |
| 3 | 23 27 16.1 | 44.1 N. | 7.3 W. | Off north coast of Spain. h about 33 km. |
| 4 | 05 48 29.3 | 42.8 N. | 143.7 E. | Hokkaido, Japan. h about 37 km. |
| 4 | 13 25 27.8 | 20.3 S. | 177.8 W. | Fiji Islands region. h about 592 km. |
| 4 | 17 38 53.9 | 51.2 N. | 176.6 W. | Andreanof Islands, Aleutian Islands. h about 23 km. |
| 4 | 23 08 05.3 | 0.9 S. | 80.8 W. | Near coast of Ecuador. h about 74 km. |
| 4 | 23 41 16.6 | 38.7 N. | 140.9 E. | Honshu, Japan. h about 45 km. |
| 5 | 11 11 49.3 | 34.1 N. | 139.3 E. | Near south coast of Honshu, Japan. h about 57 km. |
| 5 | 16 43 00.0 | 35.8 N. | 137.0 E. | Near south coast of Honshu, Japan. h about 272 km. |
| 5 | 23 05 56.9 | 31.6 S. | 176.7 W. | Kermadec Islands region. h about 41 km. |
| 6 | 00 35 27.8 | 6.0 S. | 151.6 E. | New Britain region. h about 25 km. |
| 6 | 03 13 49.3 | 54.3 S. | 136.6 W. | South Pacific Ocean, about 2300 miles southeast of New Zealand. h about 23 km. |
| 6 | 03 33 47.0 | 54.2 S. | 136.5 W. | South Pacific Ocean, about 2300 miles southeast of New Zealand. h about 25 km. |
| 6 | 05 20 59.6 | 37.8 S. | 73.4 W. | Near coast of southern Chile. h about 25 km. |
| 6 | 06 42 10.4 | 38.0 N. | 20.5 E. | Ionian Islands. h about 61 km. |

| Date | Origin Time G. C. T. | Lat. | Long. | Region, Remarks and Focal Depth |
|---|---|---|---|---|
| May | h m s | ° | ° | |
| 6 | 07 10 14.1 | 5.7 S. | 151.6 E. | New Britain. Felt at Rabaul. h about 98 km. |
| 6 | 12 08 45.6 | 20.8 S. | 178.7 W. | Fiji Islands region. h about 587 km. |
| 6 | 12 55 31.1 | 23.4 S. | 171.2 E. | Loyalty Islands region. h about 75 km. |
| 6 | 19 00 13.5 | 60.2 S. | 33.5 W. | Sandwich Islands region. h about 33 km. Mag. 7. |
| 6 | 21 53 49.8 | 60.1 S. | 33.3 W. | Sandwich Islands region. h about 33 km. |
| 6 | 22 34 47.9 | 60.4 S. | 33.6 W. | Sandwich Islands region. h about 34 km. |
| 7 | 04 56 38.4 | 4.1 S. | 143.7 E. | Near north coast of New Guinea. h about 113 km. |
| 7 | 08 07 55.8 | 19.3 N. | 145.4 E. | Mariana Islands. h about 116 km. |
| 7 | 13 06 54.2 | 32.0 S. | 176.5 W. | Kermadec Islands region. h about 25 km. |
| 7 | 17 39 50.3 | 45.2 N. | 146.9 E. | Kurile Islands. h about 20 km. Mag. 6¾. |
| 7 | 19 03 32.1 | 59.5 S. | 25.6 W. | Sandwich Islands. h about 25 km. |
| 7 | 19 33 00.142 | | | 37°02'48" N., 116°01'30" W. Nevada Test Site. PACA. Shot elevation = 967.1 meters (AEC). |
| 7 | 22 54 51.4 | 44.8 N. | 146.8 E. | Kurile Islands region. h about 31 km. |
| 8 | 07 49 27.9 | 14.4 N. | 145.1 E. | Mariana Islands. Felt on Guam. h about 70 km. |
| 8 | 07 57 30.3 | 17.9 S. | 177.7 W. | Fiji Islands. h about 409 km. |
| 8 | 16 25 13.1 | 43.6 N. | 144.7 E. | Off east coast of Honshu, Japan. h about 121 km. |
| 8 | 18 10 01.2 | 17.8 S. | 177.3 W. | Fiji Islands. h about 451 km. |
| 8 | 19 38 30.2 | 33.6 N. | 72.3 E. | West Pakistan. h about 49 km. |
| 8 | 23 53 59.0 | 35.5 N. | 24.1 E. | Sea of Crete. Felt on Crete. h about 86 km. |
| 9 | 11 19 02.1 | 46.2 N. | 153.0 E. | Kurile Islands. h about 40 km. |
| 9 | 12 12 33.5 | 36.6 N. | 68.3 E. | Hindu Kush. h about 96 km. |
| 9 | 18 20 06.7 | 29.2 N. | 130.3 E. | Ryukyu Islands. h about 48 km. |
| 10 | 00 03 40.2 | 62.0 N. | 150.1 W. | Alaska. Felt at Anchorage and Cordova. h about 72 km. Mag. 6 (Brk), 4¾-5 (Pal). |
| 10 | 00 27 17.5 | 41.8 S. | 171.6 E. | South Island, New Zealand. h about 54 km. |
| 10 | 05 12 15.9 | 52.4 N. | 170.9 W. | Fox Islands, Aleutian Islands. h about 43 km. Mag. 6 (Brk), 5½ (Pal). |
| 10 | 08 44 25.9 | 53.0 N. | 159.8 E. | Near east coast of Kamchatka. h about 154 km. |
| 10 | 11 14 25.0 | 49.2 N. | 28.5 W. | North Atlantic Ocean, north of Azores. h about 25 km. |
| 10 | 14 17 30.0 | 49.2 N. | 28.6 W. | North Atlantic Ocean, north of Azores. h about 25 km. |
| 10 | 18 30 58.1 | 42.1 N. | 19.2 E. | Yugoslavia-Albania border. Felt at Titograd, Yugoslavia. h about 25 km. |
| 11 | 01 05 31.6 | 44.4 N. | 11.1 E. | Italy. h about 25 km. |
| 11 | 04 52 43.4 | 6.4 S. | 143.6 E. | New Guinea. h about 37 km. |
| 11 | 07 05 52.5 | 6.6 S. | 147.7 E. | Near north coast of New Guinea. h about 42 km. |
| 11 | 12 06 42.1 | 14.3 S. | 170.4 E. | New Hebrides Islands region. h about 623 km. |
| 11 | 13 35 31.3 | 28.5 S. | 177.6 W. | Kermadec Islands. h about 115 km. |

| Date | Origin Time G. C. T. | Lat. | Long. | Region, Remarks and Focal Depth |
|---|---|---|---|---|
| May | h m s | ° | ° | |
| 11 | 14 11 54.1 | 17.0 N. | 99.6 W. | Near coast of Mexico. 4 dead, many injured and extensive property damage in south-central Mexico. Seismic sea wave, with maximum amplitude about 2½ feet reported at Acapulco. h about 40 km. Mag. 7. |
| 11 | 16 11 33.2 | 16.5 N. | 98.6 W. | Near coast of Mexico. h about 25 km. |
| 11 | 20 01 05.8 | 26.9 S. | 13.5 W. | South Atlantic Ocean. h about 33 km. |
| 12 | 10 16 53.4 | 17.2 N. | 99.1 W. | Near coast of Mexico. h about 25 km. |
| 12 | 17 36 50.4 | 36.5 N. | 70.6 E. | Hindu Kush. h about 193 km. |
| 12 | 18 44 30.3 | 26.5 S. | 13.6 W. | South Atlantic Ocean. h about 25 km. |
| 12 | 19 00 00.103 | | | 37°03'55" N., 116°01'49" W. Nevada Test Site. AARDVARK. Shot elevation = 804.1 meters (AEC). |
| 12 | 20 35 45.1 | 17.7 S. | 178.2 W. | Fiji Islands. h about 600 km. |
| 12 | 22 03 40.7 | 18.0 S. | 178.0 W. | Fiji Islands. h about 603 km. |
| 13 | 09 12 34.3 | 6.9 N. | 73.0 W. | Colombia. Felt at Bogota and Bucaramanga. h about 183 km. |
| 13 | 10 46 23.5 | 3.2 S. | 129.0 E. | Ceram. h about 41 km. |
| 13 | 18 48 55.3 | 39.0 N. | 140.8 E. | Northern Honshu, Japan. Felt. h about 31 km. |
| 14 | 01 25 15.0 | 18.4 S. | 168.3 E. | New Hebrides Islands region. Felt at Port Vila. h about 58 km. |
| 14 | 10 33 25.5 | 9.0 S. | 118.7 E. | Sumbawa. h about 30 km. |
| 14 | 11 07 11.2 | 33.8 N. | 141.1 E. | Off coast of Honshu, Japan. h about 157 km. |
| 14 | 13 57 49.4 | 46.3 N. | 149.8 E. | Kurile Islands. h about 126 km. |
| 14 | 15 19 11.0 | 36.9 N. | 139.8 E. | Northern Honshu, Japan. Felt. h about 80 km. |
| 14 | 16 53 06.2 | 49.0 N. | 28.8 W. | North Atlantic Ocean. h about 25 km. |
| 14 | 21 06 52.7 | 33.5 N. | 140.6 E. | South of Honshu, Japan. h about 82 km. |
| 14 | 22 07 39.3 | 51.5 N. | 176.2 W. | Andreanof Islands, Aleutian Islands. h about 25 km. |
| 14 | 23 23 08.6 | 14.0 S. | 178.2 W. | Fiji Islands region. h about 65 km. |
| 15 | 03 34 35.3 | 36.4 N. | 141.6 E. | Near coast of Honshu, Japan. h about 77 km. |
| 15 | 05 23 46.4 | 7.3 S. | 128.3 E. | Banda Sea. h about 34 km. Mag. 7-7¼. |
| 15 | 06 42 58.9 | 7.2 S. | 128.3 E. | Banda Sea. h about 52 km. |
| 15 | 07 31 13.5 | 8.2 S. | 129.2 E. | Arafura Sea. h about 57 km. |
| 15 | 08 40 21.2 | 35.1 S. | 73.1 W. | Near coast of central Chile. h about 25 km. |
| 15 | 09 55 16.5 | 7.2 S. | 128.2 E. | Banda Sea. h about 30 km. |
| 15 | 12 52 19.1 | 44.9 N. | 148.2 E. | Kurile Islands. h about 36 km. |
| 15 | 12 55 36.6 | 7.8 S. | 127.9 E. | Banda Sea. h about 35 km. |
| 15 | 13 22 49.2 | 7.3 S. | 128.4 E. | Banda Sea. h about 35 km. |
| 15 | 16 16 19.1 | 53.2 N. | 164.7 W. | Unimak Island, Alaska region. h about 25 km. |
| 15 | 16 54 01.9 | 7.4 S. | 128.0 E. | Banda Sea. h about 34 km. |
| 15 | 19 32 22.5 | 53.4 N. | 159.6 E. | Near east coast of Kamchatka. h about 30 km. |
| 15 | 20 33 29.3 | 53.5 N. | 164.0 W. | Unimak Island, Alaska region. h about 25 km. |
| 15 | 21 31 00.4 | 7.2 S. | 128.1 E. | Banda Sea. h about 38 km. |

| Date | Origin Time G. C. T. | Lat. | Long. | Region, Remarks and Focal Depth |
|---|---|---|---|---|
| May | h m s | ° | ° | |
| 16 | 05 16 46.0 | 13.6 S. | 167.3 E. | New Hebrides Islands. h about 52 km. |
| 16 | 08 18 30.7 | 0.9 S. | 127.0 E. | Spice Islands. h about 34 km. |
| 16 | 14 35 29.6 | 7.3 S. | 128.1 E. | Banda Sea. h about 34 km. |
| 16 | 17 33 05.5 | 13.4 S. | 167.3 E. | New Hebrides Islands. h about 35 km. |
| 16 | 19 09 04.2 | 9.3 S. | 118.4 E. | Sumbawa. h about 47 km. |
| 16 | 21 41 35.8 | 35.6 S. | 137.7 E. | Near coast of South Australia. Felt. h about 25 km. |
| 16 | 23 05 21.1 | 15.1 S. | 167.6 E. | New Hebrides Islands. Felt at Santo. h about 136 km. |
| 17 | 02 19 57.8 | 41.9 S. | 171.5 E. | Near coast of South Island, New Zealand. Felt. h about 41 km. |
| 17 | 04 08 18.0 | 55.1 S. | 128.8 W. | South Pacific Ocean. h about 25 km. |
| 17 | 09 20 04.2 | 7.2 S. | 128.0 E. | Banda Sea. h about 35 km. |
| 17 | 12 00 28.8 | 7.1 S. | 68.0 E. | Chagos Archipelago region. h about 33 km. |
| 17 | 16 00 37.4 | 55.8 S. | 27.0 W. | Sandwich Islands. h about 23 km. |
| 18 | 02 49 50.4 | 21.2 S. | 178.8 W. | Fiji Islands region. h about 549 km. |
| 18 | 07 13 00.6 | 29.3 S. | 178.6 W. | Kermadec Islands. h about 218 km. |
| 18 | 07 49 44.0 | 38.6 S. | 74.7 W. | Near coast of central Chile. h about 40 km. |
| 18 | 12 11 59.8 | 48.6 N. | 28.7 W. | North Atlantic Ocean. h about 25 km. |
| 18 | 14 46 40.1 | 38.5 S. | 74.2 W. | Off coast of central Chile. h about 61 km. |
| 18 | 18 46 40.1 | 46.1 N. | 148.5 E. | Kurile Islands. h about 60 km. |
| 18 | 23 18 46.9 | 16.0 S. | 173.0 W. | Tonga Islands region. h about 25 km. |
| 19 | 14 58 15.0 | 17.2 N. | 99.5 W. | Near coast of Mexico. 3 dead, 16 injured and extensive property damage in south-central Mexico. h about 33 km. Mag. 7-7¼. |
| 19 | 15 00 00.156 | | | 37°07'21" N., 116°02'50" W. Nevada Test Site. EEL. Shot elevation = 1062.5 meters (AEC). |
| 19 | 20 43 56.9 | 6.3 S. | 155.0 E. | Solomon Islands. h about 70 km. |
| 19 | 20 48 32.2 | 38.0 N. | 22.4 E. | Greece. Felt. h about 29 km. |
| 19 | 20 50 09.0 | 39.5 N. | 73.9 E. | Sinkiang Province, China. h about 45 km. |
| 19 | 21 28 39.7 | 26.7 N. | 92.2 E. | Assam, India. h about 15 km. |
| 19 | 23 56 32.4 | 13.4 S. | 76.7 W. | Near coast of Peru. h about 70 km. |
| 20 | 00 40 38.3 | 34.8 N. | 22.3 E. | Crete. h about 25 km. |
| 20 | 06 48 53.3 | 10.9 S. | 164.3 E. | Santa Cruz Islands region. h about 40 km. |
| 20 | 08 09 14.4 | 21.3 S. | 179.1 W. | Fiji Islands region. h about 608 km. |
| 20 | 15 01 20.7 | 20.5 N. | 66.0 W. | Off coast of Puerto Rico. h about 38 km. |
| 20 | 16 22 29.4 | 15.2 S. | 167.2 E. | New Hebrides Islands. h about 108 km. |
| 20 | 16 49 46.8 | 6.2 N. | 125.8 E. | Near coast of Mindanao, Philippine Islands. h about 133 km. |
| 20 | 18 30 38.9 | 30.0 S. | 177.5 W. | Kermadec Islands. h about 25 km. |
| 21 | 01 54 06.2 | 19.4 N. | 145.6 E. | Mariana Islands. h about 85 km. |

| Date | Origin Time G. C. T. | Lat. | Long. | Region, Remarks and Focal Depth |
|---|---|---|---|---|
| May | h m s | ° | ° | |
| 21 | 12 02 50.6 | 37.3 N. | 96.0 E. | Tsinghai Province, China. h about 25 km. Mag. 7-7¼. |
| 21 | 12 36 19.7 | 37.0 N. | 95.9 E. | Tsinghai Province, China. h about 25 km. |
| 21 | 13 15 39.4 | 37.0 N. | 95.7 E. | Tsinghai Province, China. h about 25 km. |
| 21 | 13 28 55.8 | 37.3 N. | 95.9 E. | Tsinghai Province, China. h about 35 km. |
| 21 | 15 41 46.8 | 37.1 N. | 95.9 E. | Tsinghai Province, China. h about 36 km. |
| 21 | 18 15 29.9 | 36.9 N. | 96.4 E. | Tsinghai Province, China. h about 35 km. |
| 21 | 19 29 10.0 | 37.4 N. | 95.5 E. | Tsinghai Province, China. h about 25 km. |
| 21 | 19 46 01.2 | 36.7 N. | 95.8 E. | Tsinghai Province, China. h about 35 km. |
| 21 | 20 11 22.8 | 37.1 N. | 95.7 E. | Tsinghai Province, China. h about 25 km. |
| 21 | 21 08 20.6 | 37.1 N. | 95.7 E. | Tsinghai Province, China. h about 25 km. |
| 21 | 21 15 30.0 | 19.8 S. | 177.4 W. | Fiji Islands region. h about 342 km. Mag. 6¾-7. |
| 21 | 21 21 01.7 | 36.8 N. | 96.2 E. | Tsinghai Province, China. h about 33 km. |
| 22 | 00 20 02.4 | 16.8 S. | 174.3 W. | Tonga Islands. h about 52 km. |
| 22 | 02 04 20.3 | 12.3 N. | 144.2 E. | Mariana Islands. h about 52 km. |
| 22 | 02 20 10.4 | 14.7 S. | 173.0 W. | Samoa Islands region. h about 46 km. |
| 22 | 04 34 53.0 | 37.4 N. | 95.8 E. | Tsinghai Province, China. h about 35 km. |
| 22 | 04 40 14.4 | 55.5 S. | 138.3 W. | South Pacific Ocean. h about 42 km. |
| 22 | 06 17 05.4 | 22.7 N. | 121.5 E. | Off coast of Formosa. h about 25 km. |
| 22 | 07 40 38.1 | 37.1 N. | 95.9 E. | Tsinghai Province, China. h about 26 km. |
| 22 | 07 50 03.4 | 10.2 S. | 161.5 E. | Solomon Islands. h about 105 km. |
| 22 | 08 06 38.8 | 12.3 S. | 166.6 E. | Santa Cruz Islands. Felt at Vanikoro. h about 135 km. Mag. 6½-6¾. |
| 22 | 11 02 33.9 | 37.2 N. | 95.7 E. | Tsinghai Province, China. h about 25 km. |
| 22 | 17 57 03.6 | 37.1 N. | 95.5 E. | Tsinghai Province, China. h about 35 km. |
| 22 | 22 03 32.1 | 5.4 S. | 151.9 E. | New Britain. Felt at Palmalmal. h about 54 km. |
| 22 | 23 15 46.1 | 5.0 S. | 151.3 E. | New Britain. Felt at Palmalmal. h about 65 km. |
| 22 | 23 29 14.0 | 36.8 N. | 96.0 E. | Tsinghai Province, China. h about 25 km. |
| 23 | 00 53 02.9 | 37.2 N. | 95.8 E. | Tsinghai Province, China. h about 39 km. |
| 23 | 01 42 12.2 | 37.1 N. | 96.0 E. | Tsinghai Province, China. h about 50 km. |
| 23 | 05 03 47.0 | 5.4 S. | 151.9 E. | New Britain. h about 55 km. |
| 23 | 06 34 00.4 | 5.4 S. | 152.0 E. | New Britain. Felt at Rabaul. h about 70 km. |
| 23 | 06 43 28.9 | 5.7 S. | 152.4 E. | New Britain. h about 33 km. |
| 23 | 07 10 51.7 | 7.3 S. | 128.4 E. | Banda Sea. h about 25 km. |
| 23 | 08 19 00.7 | 25.4 S. | 179.3 W. | Kermadec Islands region. h about 363 km. |
| 23 | 20 48 03.3 | 48.2 S. | 119.4 E. | About 1200 miles south of Australia. h about 25 km. |
| 23 | 21 04 19.1 | 49.1 S. | 121.3 E. | About 1200 miles south of Australia. h about 25 km. |
| 24 | 02 11 35.8 | 5.4 S. | 151.9 E. | New Britain. Felt. h about 55 km. |
| 24 | 04 24 49.8 | 49.1 N. | 129.4 W. | Vancouver Island region. h about 25 km. |

| Date | Origin Time G. C. T. | Lat. | Long. | Region, Remarks and Focal Depth |
|---|---|---|---|---|
| May | h m s | ° | ° | |
| 24 | 07 11 59.5 | 18.7 S. | 173.2 W. | Tonga Islands. h about 25 km. |
| 25 | 00 48 58.3 | 58.6 N. | 31.4 W. | South of Greenland. h about 33 km. |
| 25 | 01 07 11.5 | 59.1 N. | 31.4 W. | South of Greenland. h about 33 km. |
| 25 | 01 09 58.1 | 5.6 S. | 152.2 E. | New Britain. h about 25 km. |
| 25 | 04 19 57.0 | 20.7 S. | 174.3 W. | Tonga Islands. h about 281 km. |
| 25 | 07 05 27.4 | 18.2 S. | 168.2 E. | New Hebrides Islands. Felt. h about 33 km. |
| 25 | 09 40 28.1 | 5.1 S. | 151.9 E. | New Britain. h about 77 km. |
| 25 | 11 35 07.6 | 38.0 N. | 95.9 E. | Tsinghai Province, China. h about 25 km. |
| 25 | 14 19 45.4 | 30.8 S. | 178.0 W. | Kermadec Islands. h about 61 km. |
| 25 | 14 49 11.2 | 2.5 S. | 79.1 W. | Ecuador. h about 79 km. |
| 25 | 15 00 00.154 | | | 37°07'29" N., 116°03'07" W. Nevada Test Site. WHITE. Shot elevation = 1117.4 meters (AEC). |
| 25 | 17 21 57.6 | 24.1 S. | 179.1 E. | Fiji Islands region. h about 576 km. |
| 25 | 21 28 28.1 | 24.3 S. | 65.2 W. | Jujuy Province, Argentina. h about 69 km. |
| 26 | 02 13 01.5 | 19.7 S. | 177.8 W. | Fiji Islands. h about 561 km. |
| 26 | 12 51 01.4 | 43.2 S. | 75.6 W. | Off coast of southern Chile. h about 38 km. |
| 26 | 19 44 15.7 | 6.7 N. | 94.6 E. | Nicobar Islands. h about 30 km. |
| 27 | 01 45 34.7 | 31.7 N. | 115.6 W. | Baja California. h about 25 km. Mag. 5½. |
| 27 | 05 30 44.4 | 3.2 S. | 129.5 E. | Ceram. h about 82 km. |
| 27 | 14 33 03.7 | 41.4 S. | 80.6 E. | Kerguelen Islands region. h about 25 km. |
| 28 | 01 19 52.3 | 42.7 N. | 144.5 E. | Hokkaido, Japan. h about 18 km. |
| 28 | 02 48 13.1 | 16.4 N. | 120.4 E. | Luzon, Philippine Islands. Felt at Dagupan, Lingayen and Binmaley. h about 25 km. |
| 28 | 03 08 07.4 | 3.3 S. | 146.0 E. | Bismarck Sea. h about 25 km. |
| 28 | 10 09 57.6 | 31.1 N. | 140.9 E. | South of Honshu, Japan. h about 158 km. |
| 28 | 16 07 59.8 | 10.8 S. | 165.8 E. | Santa Cruz Islands. h about 25 km. |
| 28 | 21 45 18.5 | 7.0 S. | 128.9 E. | Banda Sea. h about 65 km. |
| 28 | 23 49 01.0 | 31.3 S. | 68.3 W. | San Juan Province, Argentina. h about 94 km. |
| 29 | 21 00 16.4 | 51.8 N. | 177.1 W. | Andreanof Islands, Aleutian Islands. h about 25 km. |
| 29 | 21 52 50.0 | 26.3 S. | 113.7 W. | Easter Island region. h about 25 km. |
| 29 | 23 44 19.5 | 38.0 N. | 20.7 E. | Ionian Islands. Felt in Greece. h about 58 km. |
| 30 | 04 57 46.2 | 44.6 N. | 129.5 W. | Off coast of northern California. h about 25 km. |
| 30 | 09 16 14.9 | 8.9 S. | 106.1 W. | About 1500 miles southeast of Galapagos Islands. h about 25 km. |
| 30 | 10 02 53.0 | 29.9 N. | 42.7 W. | North Atlantic Ocean. h about 33 km. Mag. 5 (Pal). |
| 30 | 16 57 36.9 | 18.9 S. | 177.9 W. | Fiji Islands. h about 480 km. |
| 31 | 01 57 04.5 | 24.7 N. | 66.0 E. | Off coast of west Pakistan. h about 33 km. |

| Date | Origin Time G. C. T. | Lat. | Long. | Region, Remarks and Focal Depth |
|---|---|---|---|---|
| May | h m s | ° | ° | |
| 31 | 03 17 57.2 | 30.1 S. | 177.1 W. | Kermadec Islands. h about 15 km. |
| 31 | 05 11 17.6 | 7.7 N. | 124.0 E. | Mindanao, Philippine Islands. h about 40 km. |
| 31 | 06 28 26.1 | 22.0 N. | 142.7 E. | Volcano Islands region. h about 258 km. Mag. 6½. |
| 31 | 08 37 25.8 | 30.8 S. | 177.3 W. | Kermadec Islands. h about 42 km. |
| 31 | 21 19 09.8 | 38.0 S. | 72.8 W. | Central Chile. h about 67 km. |

| Date and Station | | Phase | (GCT) |
|---|---|---|---|
| | | | h m s |
| May 1 | | | |
| ALQ | eP | | 00 00 50 |
| BCN | eP | | 00 00 58 |
| EUR | iP | | 00 00 42 |
| FGU | e(P) | | 00 00 15 |
| May 1 | | | |
| COL | eP | | 00 10 09 |
| May 1 | | | |
| EUR | eP | | 00 10 37 |
| May 1 | | | |
| EUR | eP | | 02 57 51 |
| GUA | eP | | 02 46 25 |
| | eL | | 48 41 |
| May 1 | | | |
| COL | e(P) | | 03 02 40 |
| EUR | eP | | 03 04 37 |
| GUA | eP | | 02 53 10 |
| | eS | | 54 45 |
| | eL | | 57 28 |
| May 1 | | | |
| ALQ | eP' | | 10 12 08 |
| COL | eP | | 10 06 37 |
| EUR | eP' | | 10 12 01 |
| May 1 | | | |
| ALQ | iP | | 10 13 14 |
| COL | eP | | 10 12 55 |
| EUR | iP | | 10 13 31 |
| SJP | iP | | 10 10 49 |
| May 1 | | | |
| COL | eP | | 12 05 25 |
| | e | | 05 42 |
| May 1 | | | |
| EUR | e(P') | | 21 28 51 |
| May 1 | | | |
| ALQ | eP | | 21 46 11 |
| May 1 | | | |
| ALQ | eP | | 22 44 13 |
| | e | | 47 04 |
| May 1 | | | |
| FGU | eP | | 23 44 05 |
| May 2 | | | |
| ALQ | eP | | 02 50 55 |
| COL | eP | | 02 45 48 |
| | i | | 46 25 |
| | eL | | 48 16 |
| EUR | iP | | 02 49 43 |
| FGU | eP | | 02 50 05 |
| RCD | eP | | 02 50 20 |
| SJP | iP | | 02 55 06 |
| THU | eP | | 02 50 29 |
| TUC | iP | | 02 50 53 |
| TUT | iP | | 02 50 53 |
| May 2 | | | |
| BCN | eP | | 06 26 25 |
| COL | e(P) | | 06 22 36 |
| EUR | iP | | 06 26 04 |
| FGU | eP | | 06 26 18 |
| TUC | iP | | 06 26 55 |
| May 2 | | | |
| THU | eP | | 07 00 10 |
| May 2 | | | |
| BCN | e(P) | | 08 02 12 |
| May 2 | | | |
| ALQ | eP | | 08 53 07 |
| May 2 | | | |
| COL | eP | | 08 58 17 |
| THU | eP | | 08 55 00 |
| May 2 | | | |
| ALQ | iP | | 09 07 23 |
| BCN | iP | | 09 07 58 |
| BHP | iP | | 09 03 09 |
| BUT | iP | | 09 08 29 |
| COL | iP | | 09 10 31 |
| | eP' | | 14 21 |
| EUR | iP | | 09 08 12 |
| | e(S) | | 17 52 |
| FGU | iP | | 09 07 59 |
| GUA | iP' | | 09 15 54 |
| SLC | iP | | 09 08 06 |
| RCD | iP | | 09 07 58 |
| | i | | 08 11 |
| | iS | | 17 21 |
| SJP | iP | | 09 04 03 |
| | iPcP | | 05 48 |
| | e(S) | | 10 10 |
| THU | eP' | | 09 13 56 |
| TUC | iP | | 09 07 26 |
| | ePP | | 10 10 |
| TUT | iP | | 09 07 26 |
| UKI | eP | | 09 08 34 |
| May 2 | | | |
| EUR | eP | | 09 34 42 |
| May 2 | | | |
| EUR | eP | | 09 44 27 |
| May 2 | | | |
| COL | eP | | 10 16 52 |
| | e | | 17 34 |
| EUR | eP | | 10 20 14 |
| May 2 | | | |
| COL | eP | | 10 28 05 |
| EUR | eP | | 10 31 49 |
| May 2 | | | |
| COL | eP | | 11 17 03 |
| May 2 | | | |
| ALQ | iP | | 11 54 48 |
| May 2 | | | |
| ALQ | eP | | 12 10 58 |
| RCD | e(P) | | 12 13 35 |
| May 2 | | | |
| ALQ | eP | | 12 23 31 |
| | i | | 31 10 |
| EUR | eP | | 12 24 10 |
| May 2 | | | |
| ALQ | iP | | 12 43 59 |
| BCN | iP | | 12 44 32 |
| BOZ | eP | | 12 45 00 |
| BUT | eP | | 12 45 06 |
| COL | iP | | 12 47 07 |
| CSC | eP | | 12 42 52 |
| EUR | iP | | 12 44 50 |
| FGU | eP | | 12 44 36 |
| SJP | iP | | 12 40 41 |
| | ePcP | | 42 30 |
| TUC | iP | | 12 44 03 |
| | epP | | 44 53 |
| TUT | iP | | 12 44 03 |
| | epP | | 44 54 |
| May 2 | | | |
| ALQ | e(P) | | 14 11 09 |
| May 2 | | | |
| EUR | eP | | 14 24 25 |
| May 2 | | | |
| ALQ | eP | | 17 28 39 |
| May 2 | | | |
| COL | eP | | 18 12 04 |
| May 2 | | | |
| ALQ | eP | | 18 47 00 |
| | e | | 50 51 |
| EUR | iP | | 18 47 37 |
| May 2 | | | |
| COL | iP | | 20 56 50 |
| | epP | | 57 42 |
| EUR | iP | | 20 56 20 |
| HON | eP | | 20 52 38 |
| KIP | iP | | 20 52 39 |
| TUC | eP | | 20 56 18 |
| TUT | iP | | 20 56 19 |
| May 2 | | | |
| COL | iP | | 22 39 17 |
| May 2 | | | |
| TUC | eP | | 22 56 04 |
| | e | | 56 47 |
| TUT | e(P) | | 22 56 04 |
| May 2 | | | |
| ALQ | e(P) | | 23 10 45 |
| May 2 | | | |
| COL | eP | | 23 26 04 |
| THU | eP | | 23 22 34 |
| May 3 | | | |
| THU | e(P) | | 01 17 33 |
| | e | | 17 46 |
| | e | | 18 07 |
| May 3 | | | |
| TUC | e(P) | | 01 30 45 |
| May 3 | | | |
| EUR | eP | | 02 21 50 |
| May 3 | | | |
| ALQ | eP | | 02 50 00 |
| BCN | iP | | 02 49 27 |
| COL | iP | | 02 45 56 |
| EUR | iP | | 02 49 11 |
| FGU | eP | | 02 49 29 |
| THU | iP | | 02 47 58 |
| | e | | 48 07 |
| TUC | eP | | 02 49 58 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| TUT | iP | 02 49 58 |
| May 3 | | |
| ALQ | e(P) | 03 19 00 |
| BHP | iP | 03 13 06 |
| | i(S) | 13 53 |
| COL | eP | 03 23 38 |
| EUR | eP | 03 20 14 |
| SJP | eP | 03 16 38 |
| May 3 | | |
| COL | iP | 03 40 17 |
| May 3 | | |
| BCN | eP' | 03 54 43 |
| BUT | eP' | 03 53 49 |
| COL | eP' | 03 54 34 |
| | iP' | 54 42 |
| | i | 55 29 |
| CSC | eP | 03 52 49 |
| EUR | iP' | 03 53 42 |
| | ePP | 55 17 |
| | iPKKP | 04 03 53 |
| SJP | iP | 03 47 15 |
| THU | eP' | 03 54 08 |
| | e | 54 16 |
| | ePP' | 57 04 |
| May 3 | | |
| ALQ | e(P) | 04 04 19 |
| FGU | e(P) | 04 03 55 |
| May 3 | | |
| ALQ | e(P) | 06 53 57 |
| BCN | eP | 06 52 29 |
| EUR | eP | 06 54 13 |
| | eL | 57 12 |
| TUC | e(P) | 06 52 55 |
| TUT | eP | 06 52 56 |
| May 3 | | |
| COL | eP | 07 40 40 |
| EUR | eP | 07 44 24 |
| May 3 | | |
| BUT | eP | 09 00 29 |
| May 3 | | |
| COL | iP | 09 49 48 |
| May 3 | | |
| GUA | eP | 09 59 29 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| May 3 | | |
| EUR | eP | 11 21 19 |
| May 3 | | |
| ALQ | iP | 13 50 43 |
| | iL | 53 40 |
| BUT | e(P) | 13 52 30 |
| COL | eP | 13 56 09 |
| EUR | iP | 13 50 57 |
| | eL | 53 43 |
| FGU | eP | 13 51 28 |
| GCA | iP | 13 50 28 |
| | eL | 52 37 |
| RCD | eP | 13 52 37 |
| TUC | iP | 13 49 40 |
| | eS | 50 35 |
| TUT | iP | 13 49 41 |
| | eS | 50 36 |
| May 3 | | |
| COL | iP | 14 47 22 |
| May 3 | | |
| COL | eP | 16 57 49 |
| May 3 | | |
| COL | e(P) | 17 02 42 |
| | e | 03 28 |
| May 3 | | |
| COL | eP | 17 07 44 |
| | e | 10 18 |
| May 3 | | |
| COL | eP' | 17 20 20 |
| | i | 20 23 |
| May 3 | | |
| COL | eP | 17 50 06 |
| May 3 | | |
| ALQ | e(P) | 18 16 29 |
| May 3 | | |
| COL | iP | 19 52 50 |
| May 3 | | |
| BCN | e(P) | 20 30 28 |
| May 3 | | |
| ALQ | eP | 22 56 42 |
| | e | 58 49 |
| COL | iP | 22 49 44 |
| | iS | 50 12 |
| EUR | iP | 22 55 36 |
| May 3 | | |
| ALQ | eP | 23 38 40 |
| COL | iP | 23 38 08 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| EUR | eP | 23 38 55 |
| May 3 | | |
| GCA | eP | 23 55 14 |
| May 4 | | |
| ALQ | eP | 06 00 36 |
| COL | iP | 05 56 32 |
| EUR | iP | 05 59 47 |
| THU | iP | 05 58 31 |
| TUC | iP | 06 00 33 |
| TUT | iP | 06 00 32 |
| May 4 | | |
| ALQ | eP | 07 13 34 |
| EUR | eP | 07 14 24 |
| TUC | iP | 07 13 37 |
| TUT | iP | 07 13 37 |
| May 4 | | |
| COL | eP | 10 21 31 |
| May 4 | | |
| ALQ | e(P) | 10 47 43 |
| | e | 48 31 |
| | i | 49 48 |
| COL | iP | 10 43 53 |
| EUR | eP | 10 47 18 |
| | i | 48 34 |
| May 4 | | |
| COL | iP | 11 42 23 |
| May 4 | | |
| COL | iP | 13 37 20 |
| | e(pP) | 39 22 |
| EUR | e(P) | 13 36 58 |
| May 4 | | |
| ALQ | e(P) | 15 36 15 |
| May 4 | | |
| COL | eP | 17 43 32 |
| EUR | eP | 17 46 56 |
| May 4 | | |
| EUR | eP | 21 07 28 |
| May 4 | | |
| TUC | eP | 22 54 10 |
| TUT | e(P) | 22 54 12 |
| May 4 | | |
| BHP | iP | 23 10 25 |
| | iS | 12 20 |
| COL | eP | 23 20 15 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| EUR | iP | 23 17 05 |
| FGU | eP | 23 16 50 |
| TUC | e(P) | 23 16 02 |
| TUT | iP | 23 16 04 |
| May 4 | | |
| COL | eP | 23 49 52 |
| EUR | iP | 23 52 57 |
| May 5 | | |
| COL | iP | 00 31 45 |
| | i | 31 52 |
| May 5 | | |
| COL | eP | 02 28 46 |
| May 5 | | |
| COL | iP | 02 49 24 |
| May 5 | | |
| COL | iP | 04 36 27 |
| | e | 40 39 |
| May 5 | | |
| TUC | e(P) | 07 10 24 |
| | e | 11 18 |
| May 5 | | |
| FGU | e(P) | 08 02 55 |
| | e | 03 17 |
| May 5 | | |
| COL | iP | 10 29 39 |
| EUR | iP | 10 33 09 |
| May 5 | | |
| COL | iP | 10 54 58 |
| May 5 | | |
| FGU | eP | 11 04 06 |
| May 5 | | |
| BCN | eP | 11 24 06 |
| BOZ | eP | 11 23 46 |
| BUT | eP | 11 23 39 |
| COL | iP | 11 20 58 |
| EUR | iP | 11 23 49 |
| GUA | eP | 11 16 28 |
| | e | 16 39 |
| | e | 17 09 |
| | e(S) | 20 28 |
| RCD | eP | 11 24 14 |
| TUC | eP | 11 24 30 |
| TUT | eP | 11 24 30 |

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| Date and Station | | Phase | h m s | |
|---|---|---|---|---|
| May 5 | | | | |
| TUC | e(P) | | 12 23 09 | |
| May 5 | | | | |
| BCN | e(P) | | 14 18 09 | |
| EUR | iP | | 14 18 24 | |
| | iL | | 19 58 | |
| GCA | e(P) | | 14 19 57 | |
| May 5 | | | | |
| EUR | eP | | 15 11 31 | |
| May 5 | | | | |
| GUA | eP | | 16 00 51 | |
| May 5 | | | | |
| EUR | eP | | 16 49 58 | |
| May 5 | | | | |
| COL | iP | | 16 51 44 | |
| EUR | eP | | 16 54 38 | |
| May 5 | | | | |
| COL | iP | | 22 13 57 | |
| May 5 | | | | |
| SJP | iP | | 23 13 14 | |
| May 5 | | | | |
| COL | eP | | 23 19 35 | |
| | e | | 24 10 | |
| EUR | iP | | 23 18 58 | |
| FGU | e(P) | | 23 19 20 | |
| KIP | iP | | 23 15 34 | |
| TUC | iP | | 23 18 52 | |
| TUT | iP | | 23 18 53 | |
| May 5 | | | | |
| COL | e(P) | | 23 50 09 | |
| May 6 | | | | |
| COL | iP | | 00 47 57 | |
| EUR | eP | | 00 48 57 | |
| GUA | eP | | 00 40 13 | |
| May 6 | | | | |
| EUR | e(P) | | 03 27 16 | |
| TUC | e(P) | | 03 26 46 | |
| TUT | eP | | 03 26 47 | |
| May 6 | | | | |
| BCN | e(P) | | 03 46 56 | |
| EUR | eP | | 03 47 09 | |
| TUC | eP | | 03 46 41 | |
| TUT | iP | | 03 46 42 | |

| Date and Station | | Phase | h m s | |
|---|---|---|---|---|
| May 6 | | | | |
| EUR | eP | | 05 33 40 | |
| TUC | iP | | 05 32 58 | |
| TUT | iP | | 05 32 58 | |
| May 6 | | | | |
| COL | iP | | 07 22 35 | |
| | i | | 22 46 | |
| EUR | eP | | 07 23 33 | |
| May 6 | | | | |
| EUR | eP | | 11 27 45 | |
| May 6 | | | | |
| COL | iP | | 12 20 42 | |
| | epP | | 22 50 | |
| EUR | iP | | 12 20 20 | |
| TUC | iP | | 12 20 21 | |
| May 6 | | | | |
| EUR | iP | | 12 36 20 | |
| May 6 | | | | |
| EUR | eP | | 13 08 38 | |
| May 6 | | | | |
| SLC | eP | | 14 17 30 | |
| May 6 | | | | |
| FGU | eP | | 18 41 12 | |
| | e | | 41 31 | |
| May 6 | | | | |
| GUA | eP | | 19 19 04 | |
| | eS | | 22 24 | |
| May 6 | | | | |
| ALQ | eP | | 19 14 53 | D |
| | iP' | | 18 22 | |
| | iPP | | 19 20 | |
| | iPKKP | | 29 40 | |
| BHP | iP | | 19 12 09 | D |
| | i(S) | | 22 14 | |
| BCN | e(P) | | 19 16 58 | |
| | e | | 27 28 | |
| BOZ | eP' | | 19 19 08 | D |
| BUT | eP' | | 19 19 02 | C |
| COL | eP' | | 19 19 52 | D |
| | iP' | | 20 00 | |
| | e(PP) | | 23 10 | |
| CSC | e(P) | | 19 13 50 | D |
| | e | | 17 20 | |
| | eP' | | 18 12 | |
| | e | | 20 20 | |
| | ePS | | 27 10 | |
| EUR | e(P) | | 19 15 43 | |
| | iP' | | 19 01 | D |
| | iPP | | 20 24 | |
| | iPKKP | | 29 12 | |

| Date and Station | | Phase | h m s | |
|---|---|---|---|---|
| FGU | eP' | | 19 18 29 | D |
| | i | | 18 43 | |
| | e | | 18 56 | |
| | iPKKP | | 29 19 | |
| HHM | e(P') | | 19 19 04 | |
| | e | | 21 06 | |
| | i | | 30 59 | |
| | eL | | 56 51 | |
| PHI | e(P) | | 19 14 27 | |
| | e | | 17 39 | |
| | e | | 33 42 | |
| RCD | e(P') | | 19 20 08 | |
| | eL | | 54 36 | |
| SLC | eP' | | 19 19 01 | D |
| | ePP | | 20 23 | |
| SJP | eP | | 19 12 32 | |
| SIT | e(P') | | 19 18 40 | |
| THU | iP' | | 19 19 33 | C |
| | iPP | | 22 22 | |
| TUC | eP' | | 19 18 45 | D |
| | ePP | | 19 24 | |
| | ePKKP | | 29 42 | |
| TUT | eP' | | 19 18 45 | D |
| | ePP | | 19 25 | |
| | e(PKKP) | | 29 39 | |
| UKI | eP' | | 19 18 55 | |
| | i | | 20 52 | |
| WAS | eP | | 19 14 19 | D |
| | e | | 17 03 | |
| | iPP | | 18 39 | |
| | i | | 20 31 | |
| | e | | 23 39 | |
| | i | | 28 39 | |
| | eSS | | 33 11 | |
| | eP'P' | | 38 07 | |
| | eL | | 47 59 | |
| May 6 | | | | |
| COL | iP | | 19 31 28 | |
| May 6 | | | | |
| COL | iP | | 19 33 18 | |
| | i | | 35 10 | |
| May 6 | | | | |
| COL | iP | | 19 39 45 | |
| May 6 | | | | |
| COL | iP | | 19 43 50 | |
| May 6 | | | | |
| COL | iP | | 19 48 50 | |
| May 6 | | | | |
| COL | e(P) | | 19 51 18 | |
| | i | | 51 56 | |
| May 6 | | | | |
| COL | iP | | 20 44 36 | |

| Date and Station | | Phase | h m s | |
|---|---|---|---|---|
| May 6 | | | | |
| COL | iP | | 21 19 13 | |
| THU | eP | | 21 13 09 | |
| May 6 | | | | |
| EUR | eP | | 21 51 27 | |
| SJP | eP | | 21 47 12 | |
| May 6 | | | | |
| COL | eP' | | 22 13 29 | |
| | iP' | | 13 37 | |
| EUR | eP' | | 22 12 35 | |
| | ePP | | 14 14 | |
| | ePKKP | | 22 47 | |
| | eSKKP | | 26 41 | |
| SJP | eP | | 22 06 10 | |
| May 6 | | | | |
| COL | eP | | 22 25 09 | |
| May 6 | | | | |
| COL | iP' | | 22 54 34 | |
| | i | | 54 54 | |
| | i | | 55 04 | |
| EUR | ePKKP | | 23 04 37 | |
| May 6 | | | | |
| COL | iP | | 23 42 07 | |
| May 7 | | | | |
| COL | iP | | 01 12 31 | |
| | e | | 13 53 | |
| May 7 | | | | |
| COL | iP | | 05 09 03 | |
| | i | | 09 45 | |
| EUR | eP | | 05 10 17 | |
| May 7 | | | | |
| EUR | eP | | 05 14 13 | |
| TUC | iP | | 05 12 35 | |
| TUT | iP | | 05 12 35 | |
| May 7 | | | | |
| BHP | iP | | 07 25 27 | |
| May 7 | | | | |
| COL | iP | | 07 57 02 | |
| May 7 | | | | |
| ALQ | eP | | 08 21 00 | |
| | e | | 22 25 | |
| BUT | eP | | 08 20 17 | |
| COL | iP | | 08 18 11 | |
| EUR | iP | | 08 20 17 | |
| FGU | eP | | 08 20 37 | |

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| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| GUA | iP | 08 09 18 | |
| | eS | 10 34 | |
| May 7 | | | |
| SJP | eP | 08 30 13 | |
| May 7 | | | |
| EUR | iP | 10 51 04 | |
| May 7 | | | |
| EUR | eP | 11 22 14 | |
| May 7 | | | |
| COL | eP | 11 34 33 | |
| EUR | eP | 11 37 07 | |
| May 7 | | | |
| ALQ | e(P) | 12 40 20 | |
| EUR | eP | 12 40 52 | |
| May 7 | | | |
| COL | eP | 13 20 36 | |
| EUR | iP | 13 20 00 | |
| May 7 | | | |
| EUR | iP | 15 10 06 | |
| May 7 | | | |
| EUR | eP | 15 29 11 | |
| May 7 | | | |
| EUR | eP | 15 50 02 | |
| May 7 | | | |
| EUR | e(P) | 16 26 17 | |
| May 7 | | | |
| ALQ | iP | 17 51 40 | C |
| | eL | 18 06 28 | |
| BHP | iP | 17 54 33 | |
| BCN | eP | 17 51 08 | |
| BOZ | iP | 17 50 41 | C |
| BUT | iP | 17 50 33 | C |
| | e(S) | 59 19 | |
| COL | eP | 17 47 26 | C |
| | i(S) | 53 32 | |
| CSC | eP | 17 52 51 | D |
| | e(S) | 18 03 20 | |
| EUR | iP | 17 50 48 | |
| | iP'P' | 18 19 06 | |
| FGU | iP | 17 51 06 | C |
| GCA | e(P) | 17 51 12 | |
| GUA | e(P) | 17 43 43 | |
| | eS | 46 14 | |
| HON | iP | 17 48 52 | D |
| | i | 49 02 | |
| | iS | 55 52 | |
| | eL | 18 02 52 | |

| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| HHM | iP | 17 50 19 | D |
| | eS | 58 49 | |
| KIP | iP | 17 48 52 | D |
| | i | 49 01 | |
| RCD | iP | 17 51 12 | |
| SLC | iP | 17 50 58 | C |
| SJP | eP' | 17 58 56 | |
| SIT | eP | 17 47 29 | |
| THU | iP | 17 49 31 | D |
| | e | 49 40 | |
| | e | 50 28 | |
| TUC | iP | 17 51 37 | C |
| | e(S) | 18 01 29 | |
| TUT | iP | 17 51 37 | C |
| | ePP | 54 37 | |
| UKI | iP | 17 49 22 | C |
| WAS | iP | 17 52 37 | D |
| | e(S) | 18 03 17 | |
| May 7 | | | |
| COL | eP | 18 12 20 | |
| May 7 | | | |
| COL | eP | 18 18 54 | |
| May 7 | | | |
| EUR | iP | 18 48 51 | |
| May 7 | | | |
| COL | iP | 18 57 59 | |
| May 7 | | | |
| COL | iP | 19 05 08 | |
| EUR | i(P) | 19 01 24 | |
| May 7 | | | |
| COL | iP | 19 12 13 | |
| | e | 12 23 | |
| | e | 15 20 | |
| EUR | eP | 19 15 35 | |
| May 7 | | | |
| COL | iP' | 19 23 27 | |
| May 7 | | | |
| ALQ | eP | 19 35 00 | |
| | i | 35 29 | |
| | i | 36 05 | |
| BCN | iP | 19 33 27 | |
| COL | eP | 19 39 40 | |
| EUR | iP | 19 33 41 | |
| FGU | eP | 19 34 41 | |
| | eL | 36 22 | |
| GCA | eP | 19 34 02 | |
| | i | 34 09 | |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| SLC | eP | 19 34 28 |
| TUC | eP | 19 35 01 |
| May 7 | | |
| BCN | eP | 19 49 05 |
| EUR | iP | 19 49 20 |
| GCA | e(P) | 19 49 43 |
| May 7 | | |
| COL | iP | 20 17 26 |
| EUR | eP | 20 20 48 |
| May 7 | | |
| COL | iP | 21 59 08 |
| | e | 22 02 05 |
| May 7 | | |
| COL | eP | 22 40 32 |
| | e | 41 10 |
| May 7 | | |
| COL | iP | 23 02 27 |
| EUR | iP | 23 05 48 |
| May 8 | | |
| EUR | eP | 00 35 28 |
| May 8 | | |
| EUR | eP | 03 35 17 |
| May 8 | | |
| COL | iP | 05 10 54 |
| EUR | iP | 05 13 59 |
| May 8 | | |
| EUR | eP | 07 42 14 |
| May 8 | | |
| ALQ | iP | 07 58 15 |
| EUR | eP | 07 59 19 |
| SJP | eP | 07 55 20 |
| May 8 | | |
| EUR | eP | 08 02 09 |
| FGU | e(P) | 08 02 28 |
| GUA | eP | 07 49 45 |
| May 8 | | |
| COL | iP | 08 09 24 |
| | e | 10 21 |
| | e | 11 04 |
| EUR | eP | 08 09 03 |
| TUC | iP | 08 09 05 |
| TUT | iP | 08 09 05 |
| May 8 | | |
| COL | eP | 08 19 19 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| May 8 | | |
| BOZ | eP | 11 29 25 |
| May 8 | | |
| EUR | eP | 13 08 26 |
| May 8 | | |
| COL | iP | 13 42 22 |
| EUR | eP | 13 45 45 |
| May 8 | | |
| COL | iP | 15 09 34 |
| May 8 | | |
| COL | eP | 16 28 09 |
| | i | 28 17 |
| | iS | 28 46 |
| May 8 | | |
| COL | iP | 16 32 57 |
| | i(pP) | 33 27 |
| EUR | iP | 16 36 14 |
| May 8 | | |
| COL | eP | 17 04 52 |
| May 8 | | |
| COL | iP | 17 34 24 |
| May 8 | | |
| COL | iP | 18 21 53 |
| May 8 | | |
| BCN | eP | 19 31 16 |
| May 8 | | |
| COL | e(P) | 19 50 20 |
| May 8 | | |
| COL | iP | 20 02 55 |
| May 8 | | |
| EUR | iP | 23 19 40 |
| May 9 | | |
| COL | iP | 00 05 59 |
| | i | 06 14 |
| May 9 | | |
| COL | eP | 02 47 43 |
| EUR | eP | 02 47 08 |
| TUC | eP | 02 47 08 |
| TUT | eP | 02 47 08 |
| May 9 | | |
| COL | eP | 11 23 29 |
| May 9 | | |
| BCN | eP | 11 29 52 |
| BUT | eP | 11 29 15 |
| COL | iP | 11 26 08 |

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| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| EUR | eP | 11 29 30 |
| FGU | eP | 11 29 49 |
| TUC | eP | 11 30 21 |
| TUT | eP | 11 30 22 |
| May 9 | | |
| COL | iP | 11 30 50 |
| EUR | eP | 11 34 13 |
| May 9 | | |
| BCN | eP | 11 41 28 |
| COL | iP | 11 42 11 |
| EUR | eP | 11 41 34 |
| TUC | iP | 11 41 33 |
| TUT | iP | 11 41 34 |
| May 9 | | |
| COL | iP | 12 24 04 |
| | e | 26 08 |
| May 9 | | |
| BCN | eP | 12 27 58 |
| EUR | iP | 12 27 27 |
| May 9 | | |
| COL | eP | 14 18 36 |
| May 9 | | |
| BUT | eP | 17 01 00 |
| May 9 | | |
| BUT | eP | 17 30 20 |
| May 9 | | |
| COL | iP | 18 30 14 |
| EUR | eP | 18 32 53 |
| May 9 | | |
| EUR | e(P) | 19 00 43 |
| May 9 | | |
| COL | iP | 19 30 11 |
| | i | 31 34 |
| May 9 | | |
| ALQ | eP | 22 50 42 |
| | eS | 53 53 |
| May 10 | | |
| ALQ | iP | 00 10 57 |
| | ipP | 11 11 |
| BCN | eP | 00 10 21 |
| BOZ | eP | 00 09 23 |
| BUT | iP | 00 09 14 |
| COL | iP | 00 04 29 |
| | i(S) | 05 00 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| CSC | iP | 00 12 37 |
| EUR | iP | 00 09 50 |
| FGU | iP | 00 10 04 |
| | iPcP | 12 50 |
| | eL | 20 48 |
| GCA | eP | 00 10 24 |
| HHM | iP | 00 08 53 |
| | e(S) | 13 13 |
| KIP | iP | 00 11 17 |
| RCD | eP | 00 10 07 |
| SLC | eP | 00 09 57 |
| SJP | iP | 00 14 52 |
| | ipP | 15 07 |
| SIT | iP | 00 05 46 |
| THU | iP | 00 09 36 |
| | e | 09 50 |
| | e | 09 56 |
| | e | 11 22 |
| TUC | iP | 00 11 02 |
| | ePcP | 13 12 |
| TUT | iP | 00 11 02 |
| | ePcP | 13 12 |
| WAS | eP | 00 12 20 |
| | e | 15 32 |
| May 10 | | |
| ALQ | e(P') | 00 46 02 |
| COL | eP' | 00 45 50 |
| EUR | e(P) | 00 41 37 |
| SJP | eP' | 00 46 15 |
| May 10 | | |
| COL | eP | 01 16 51 |
| May 10 | | |
| ALQ | eP | 02 04 25 |
| May 10 | | |
| ALQ | e(P) | 02 23 47 |
| May 10 | | |
| ALQ | iP | 05 20 56 |
| | iScP | 26 14 |
| | e(S) | 28 48 |
| BCN | eP | 05 20 10 |
| | e | 25 50 |
| BOZ | eP | 05 19 42 |
| BUT | eP | 05 19 33 |
| COL | eP | 05 16 16 |
| | i | 16 20 |
| | eS | 19 24 |
| | eL | 21 20 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| CSC | eP | 05 22 49 |
| EUR | iP | 05 19 47 |
| | iScP | 25 37 |
| FGU | iP | 05 20 12 |
| | iScP | 25 50 |
| GCA | e(P) | 05 20 21 |
| HHM | iP | 05 19 16 |
| | ePcP | 24 25 |
| | iScS | 29 14 |
| KIP | e(P) | 05 19 00 |
| RCD | iP | 05 20 28 |
| | eS | 26 58 |
| SLC | eP | 05 20 01 |
| | e | 20 15 |
| | eScP | 25 45 |
| SJP | eP | 05 24 47 |
| | i | 24 51 |
| | i | 24 59 |
| SIT | eP | 05 17 00 |
| THU | iP | 05 20 11 |
| | e | 25 50 |
| | e | 30 08 |
| TUC | iP | 05 20 50 |
| | iScP | 26 11 |
| | eS | 27 43 |
| TUT | iP | 05 20 50 |
| | iScP | 26 10 |
| | eS | 27 43 |
| WAS | eP | 05 22 38 |
| May 10 | | |
| COL | iP | 08 50 08 |
| EUR | iP | 08 53 55 |
| TUC | iP | 08 54 50 |
| May 10 | | |
| EUR | eP | 09 30 30 |
| May 10 | | |
| EUR | eP | 09 36 23 |
| May 10 | | |
| COL | iP | 09 51 44 |
| | i(S) | 52 38 |
| EUR | eP | 09 56 45 |
| May 10 | | |
| EUR | eP | 10 37 20 |
| May 10 | | |
| FGU | e(P) | 10 48 41 |
| May 10 | | |
| COL | eP | 11 24 10 |
| | e | 25 31 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| EUR | iP | 11 24 32 |
| FGU | eP | 11 23 57 |
| May 10 | | |
| COL | eP | 12 58 48 |
| EUR | eP | 12 58 48 |
| May 10 | | |
| EUR | iP | 14 27 37 |
| May 10 | | |
| FGU | iP | 14 55 45 |
| | i | 55 50 |
| May 10 | | |
| ALQ | e(P) | 15 02 03 |
| | e | 02 21 |
| BCN | iP | 15 00 30 |
| EUR | iP | 15 00 40 |
| FGU | e(P) | 15 01 46 |
| May 10 | | |
| FGU | iP | 16 57 51 |
| May 10 | | |
| THU | e(P) | 17 24 50 |
| May 10 | | |
| FGU | eP | 21 10 09 |
| May 10 | | |
| EUR | eP | 22 32 03 |
| May 10 | | |
| FGU | eP | 22 43 24 |
| May 10 | | |
| ALQ | eP | 23 15 56 |
| | eS | 17 41 |
| May 11 | | |
| COL | eP | 01 22 24 |
| May 11 | | |
| EUR | eP | 03 58 22 |
| May 11 | | |
| COL | eP | 05 05 26 |
| SJP | eP' | 05 12 31 |
| May 11 | | |
| COL | iP | 07 18 25 |
| EUR | eP | 07 19 32 |
| SJP | eP' | 07 25 26 |
| May 11 | | |
| EUR | iP | 07 36 32 |
| May 11 | | |
| ALQ | iP | 12 18 50 |

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| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| BCN | iP | 12 18 22 |
| COL | iP | 12 18 13 |
| | ipP | 20 26 |
| EUR | iP | 12 18 24 |
| FGU | iP | 12 18 47 |
| KIP | iP | 12 14 22 |
| TUC | iP | 12 18 32 |
| TUT | iP | 12 18 32 |
| May 11 | | |
| ALQ | eP | 13 48 29 |
| | ipP | 48 55 |
| COL | eP | 13 48 44 |
| EUR | eP | 13 48 13 |
| May 11 | | |
| ALQ | iP | 14 16 12 |
| BHP | iP | 14 16 37 D |
| | i(S) | 20 39 |
| BCN | eP | 14 16 56 C |
| BOZ | eP | 14 18 02 C |
| BUT | eP | 14 18 07 C |
| COL | iP | 14 21 40 C |
| | i(S) | 29 44 |
| | eL | 38 00 |
| CSC | iP | 14 17 03 C |
| EUR | iP | 14 17 29 C |
| FGU | iP | 14 17 18 D |
| GCA | eP | 14 16 51 |
| HON | iP | 14 21 24 |
| | i | 21 36 |
| | iS | 29 10 |
| | i | 29 43 |
| | eSS | 33 00 |
| | eL | 35 28 |
| HHM | eP | 14 18 31 |
| | i(S) | 23 45 |
| KIP | iP | 14 21 23 |
| | i | 21 35 |
| RCD | eP | 14 17 41 |
| PHI | iP | 14 18 12 |
| | e(S) | 23 03 |
| SLC | eP | 14 17 24 |
| | eS | 21 54 |
| SJP | iP | 14 18 18 |
| | i(S) | 23 52 |
| SIT | e(P) | 14 20 30 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| TUC | iP | 14 16 06 |
| | e(S) | 19 40 |
| TUT | iP | 14 16 05 |
| UKI | eP | 14 18 05 D |
| WAS | iP | 14 17 56 D |
| May 11 | | |
| ALQ | eP | 16 16 03 |
| | eL | 21 49 |
| BCN | eP | 16 16 49 |
| COL | iP | 16 21 32 |
| EUR | eP | 16 17 20 |
| FGU | eP | 16 17 09 |
| May 11 | | |
| EUR | e(P) | 16 30 58 |
| May 11 | | |
| FGU | eP | 18 05 59 |
| May 11 | | |
| ALQ | e(P) | 19 34 50 |
| EUR | eP | 19 36 08 |
| May 11 | | |
| ALQ | eP | 20 05 33 |
| | i | 05 46 |
| BCN | iP | 20 04 19 |
| BOZ | eP | 20 06 19 |
| COL | iP | 20 09 17 |
| CSC | eP | 20 09 13 |
| EUR | iP | 20 04 42 |
| FGU | iP | 20 05 47 |
| GCA | e(P) | 20 04 57 |
| RCD | e(P) | 20 06 54 |
| UKI | eP | 20 04 04 |
| May 11 | | |
| COL | iP | 20 11 39 |
| May 12 | | |
| COL | iP | 00 51 40 |
| EUR | eP | 00 54 31 |
| May 12 | | |
| EUR | eP | 06 26 35 |
| May 12 | | |
| ALQ | eP | 07 13 13 |
| May 12 | | |
| ALQ | iP | 10 21 14 |
| BCN | eP | 10 22 02 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| COL | iP | 10 26 43 |
| | e | 26 53 |
| | i | 27 36 |
| EUR | eP | 10 22 31 |
| FGU | eP | 10 22 20 |
| May 12 | | |
| COL | iP | 13 43 00 |
| | iS | 44 02 |
| EUR | eP | 13 47 45 |
| May 12 | | |
| GUA | e(P) | 14 04 52 |
| | eP | 05 03 |
| | eS | 05 46 |
| May 12 | | |
| ALQ | e(P) | 16 18 19 |
| May 12 | | |
| EUR | eP | 16 43 31 |
| May 12 | | |
| COL | eP | 17 48 09 |
| May 12 | | |
| BUT | eP | 18 02 21 |
| May 12 | | |
| EUR | e(P) | 18 25 05 |
| May 12 | | |
| COL | eP' | 19 03 44 |
| May 12 | | |
| ALQ | eP | 19 01 57 |
| | i | 02 04 |
| BOZ | e(P) | 19 02 21 |
| COL | iP | 19 06 44 |
| EUR | iP | 19 00 41 |
| FGU | iP | 19 01 39 |
| GCA | i(P) | 19 00 57 |
| HHM | e(P) | 19 02 44 |
| | eL | 06 03 |
| SLC | eP | 19 01 17 |
| TUC | iP | 19 02 01 |
| May 12 | | |
| ALQ | eP | 20 47 59 |
| BOZ | e(P) | 20 47 28 |
| COL | iP | 20 47 21 |
| FGU | eP | 20 47 10 |
| GCA | eP | 20 46 28 |
| SLC | eP | 20 46 48 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| TUC | eP | 20 47 02 |
| | ePP | 49 31 |
| UKI | e(P) | 20 47 32 |
| May 12 | | |
| COL | iP | 22 15 21 |
| | ipP | 17 27 |
| May 13 | | |
| GUA | eP | 00 34 59 |
| | eS | 35 25 |
| May 13 | | |
| ALQ | iP | 01 25 04 |
| May 13 | | |
| ALQ | iP | 09 20 08 |
| BHP | iP | 09 14 10 |
| | iS | 15 24 |
| BCN | iP | 09 21 00 |
| BUT | eP | 09 21 27 |
| COL | iP | 09 24 13 |
| CSC | eP | 09 18 14 |
| FGU | iP | 09 20 50 |
| RCD | eP | 09 20 39 |
| TUC | iP | 09 20 23 |
| May 13 | | |
| COL | iP | 09 27 10 |
| | e | 27 40 |
| May 13 | | |
| COL | eP | 10 59 22 |
| May 13 | | |
| COL | iP | 11 41 51 |
| May 13 | | |
| GUA | iP | 12 40 29 |
| May 13 | | |
| COL | iP | 13 42 14 |
| | iS | 42 53 |
| May 13 | | |
| ALQ | eP | 16 22 34 |
| EUR | iP | 16 23 34 |
| May 13 | | |
| COL | eP | 18 57 32 |
| EUR | iP | 19 00 35 |
| May 13 | | |
| COL | eP | 23 18 51 |
| May 14 | | |
| COL | eP | 00 46 33 |

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| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| EUR | eP | 00 49 56 | |
| May 14 | | | |
| EUR | eP | 01 18 56 | |
| May 14 | | | |
| EUR | eP | 01 38 14 | |
| May 14 | | | |
| COL | iP | 03 52 35 | |
| EUR | eP | 03 55 41 | |
| May 14 | | | |
| SIT | eP | 05 37 32 | |
| | e | 41 36 | |
| May 14 | | | |
| ALQ | eP' | 10 52 40 | |
| | i | 55 57 | |
| EUR | eP' | 10 52 22 | |
| RCD | eP | 10 55 51 | |
| May 14 | | | |
| BUT | eP | 11 18 51 | |
| COL | eP | 11 16 06 | |
| EUR | e(P) | 11 18 55 | |
| FGU | e(P) | 11 19 10 | |
| May 14 | | | |
| ALQ | eP | 11 23 20 | |
| | e | 24 47 | |
| FGU | eP | 11 22 24 | |
| | i | 22 27 | |
| | iS | 22 46 | |
| May 14 | | | |
| ALQ | eP | 14 09 13 | |
| COL | iP | 14 04 57 | |
| | i(pP) | 05 29 | |
| | i | 05 35 | |
| EUR | eP | 14 08 20 | |
| May 14 | | | |
| COL | iP | 15 27 58 | |
| EUR | eP | 15 30 56 | |
| May 14 | | | |
| COL | eP | 17 02 52 | |
| EUR | eP | 17 03 13 | |
| FGU | e(P) | 17 02 38 | |
| May 14 | | | |
| EUR | eP | 21 18 47 | |
| May 14 | | | |
| COL | eP | 22 12 11 | |
| EUR | eP | 22 15 36 | |
| May 14 | | h m s | |
| COL | eP | 23 35 23 | |
| EUR | eP | 23 35 05 | |
| FGU | eP | 23 35 31 | |
| May 15 | | | |
| EUR | e(P) | 03 06 10 | |
| May 15 | | | |
| BHP | iP | 03 23 34 | |
| KIP | iP | 03 29 42 | |
| May 15 | | | |
| COL | eP | 03 43 20 | |
| EUR | iP | 03 46 17 | |
| May 15 | | | |
| ALQ | eP' | 05 42 41 | C |
| BHP | e(P') | 05 43 35 | |
| | eP' | 43 42 | |
| BCN | eP' | 05 42 29 | C |
| BOZ | eP' | 05 42 30 | C |
| BUT | eP' | 05 42 28 | |
| COL | iP | 05 37 01 | |
| | e | 39 28 | |
| | iPP | 40 14 | |
| | e(S) | 48 34 | |
| CSC | eP' | 05 43 17 | C |
| | ePP | 46 20 | |
| EUR | eP | 05 38 39 | |
| | iP' | 42 25 | |
| | iPKKP | 53 11 | |
| FGU | eP' | 05 42 31 | C |
| GCA | eP' | 05 43 19 | |
| GUA | eP | 05 29 23 | C |
| | eS | 34 05 | |
| HON | eP | 05 35 43 | |
| | i | 35 48 | |
| | i(S) | 45 50 | |
| | iL | 06 00 07 | |
| HHM | e(P') | 05 42 33 | |
| KIP | eP | 05 35 43 | |
| | i | 35 48 | |
| RCD | eP' | 42 40 | C |
| | e(PP) | 44 39 | |
| PHI | eP' | 05 43 16 | |
| | ePP | 46 22 | |
| | e | 54 07 | |
| | e | 58 28 | |
| SLC | eP' | 05 42 31 | C |
| | | h m s | |
| SJP | iP' | 05 43 47 | C |
| | i | 44 34 | |
| | ePP | 48 19 | |
| THU | eP' | 05 42 06 | |
| TUC | iP' | 05 42 36 | C |
| TUT | iP' | 05 42 36 | C |
| WAS | eP' | 05 43 09 | |
| | iPP | 46 20 | |
| | e | 48 27 | |
| | e | 57 59 | |
| May 15 | | | |
| COL | eP | 05 54 05 | |
| May 15 | | | |
| EUR | eP | 06 16 00 | |
| May 15 | | | |
| ALQ | eP | 06 46 55 | |
| May 15 | | | |
| COL | eP | 06 56 17 | |
| | e(PP) | 07 00 10 | |
| | e(S) | 07 30 | |
| EUR | eP' | 07 01 39 | |
| | ePKKP | 12 19 | |
| SJP | eP' | 07 03 47 | |
| May 15 | | | |
| EUR | eP | 08 52 57 | |
| May 15 | | | |
| ALQ | iP' | 10 14 12 | |
| COL | eP | 10 08 32 | |
| | ePP | 12 18 | |
| FGU | eP' | 10 14 04 | |
| May 15 | | | |
| SJP | iP | 10 11 26 | |
| | iS | 11 38 | |
| May 15 | | | |
| COL | iP | 12 59 53 | |
| May 15 | | | |
| COL | eP | 16 19 48 | |
| May 15 | | | |
| COL | eP | 17 07 22 | |
| May 15 | | | |
| BCN | eP | 19 42 23 | |
| COL | iP | 19 38 14 | |
| | i | 38 31 | |
| EUR | iP | 19 42 05 | |
| THU | eP | 19 40 47 | |
| May 15 | | | |
| COL | e(P) | 20 36 53 | |
| EUR | eP | 20 40 23 | |
| May 15 | | | |
| ALQ | e(P) | 22 52 24 | |
| May 16 | | | |
| EUR | e(P) | 04 41 23 | |
| May 16 | | | |
| ALQ | eP | 05 30 02 | |
| | ePP | 33 48 | |
| COL | iP | 05 29 17 | |
| EUR | iP | 05 29 34 | |
| TUC | iP | 05 29 44 | |
| TUT | iP | 05 29 45 | |
| May 16 | | | |
| EUR | e(P) | 06 24 39 | |
| TUC | eP | 06 22 24 | |
| May 16 | | | |
| EUR | eP | 08 08 22 | |
| May 16 | | | |
| COL | eP | 08 31 20 | |
| May 16 | | | |
| ALQ | e(P) | 08 42 43 | |
| | e | 43 04 | |
| BCN | eP | 08 41 16 | |
| EUR | eP | 08 41 57 | |
| | eL | 43 24 | |
| TUC | e(P) | 08 41 47 | |
| May 16 | | | |
| COL | eP | 13 10 20 | |
| May 16 | | | |
| ALQ | e(P) | 13 33 18 | |
| | e | 33 26 | |
| | e | 35 26 | |
| May 16 | | | |
| COL | e(P) | 14 48 45 | |
| EUR | eP' | 14 54 08 | |
| May 16 | | | |
| EUR | eP | 16 43 39 | |
| May 16 | | | |
| BCN | eP | 17 45 56 | |
| COL | eP | 17 45 38 | |
| | ipP | 45 45 | |
| EUR | iP | 17 45 55 | |
| May 16 | | | |
| FGU | eP | 18 46 21 | |

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| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| May 16 | | | |
| EUR | eP | 21 28 03 | |
| May 16 | | | |
| EUR | eP' | 22 00 34 | |
| May 16 | | | |
| EUR | e(P) | 23 07 15 | |
| May 16 | | | |
| COL | eP | 23 17 50 | |
| EUR | eP | 23 18 04 | |
| May 16 | | | |
| ALQ | i(P) | 23 24 30 | |
| May 17 | | | |
| ALQ | eP | 04 05 04 | |
| May 17 | | | |
| ALQ | eP | 04 21 24 | |
| EUR | eP | 04 21 40 | |
| May 17 | | | |
| COL | eP | 09 33 20 | |
| May 17 | | | |
| ALQ | e(P) | 11 58 40 | |
| | e | 12 01 25 | |
| EUR | e(P) | 11 59 52 | |
| TUC | e(P) | 11 58 25 | |
| May 17 | | | |
| ALQ | eP' | 12 20 18 | |
| BCN | eP' | 12 20 24 | |
| | i | | |
| EUR | iP' | 12 20 11 | |
| FGU | eP' | 12 20 10 | |
| May 17 | | | |
| EUR | eP | 15 59 12 | |
| May 17 | | | |
| COL | eP' | 16 20 20 | |
| | iP' | 20 28 | |
| | i | 21 03 | |
| EUR | eP' | 16 19 30 | |
| May 17 | | | |
| EUR | eP | 16 29 36 | |
| May 18 | | | |
| COL | iP | 03 01 47 | |
| | epP | 03 51 | |
| EUR | eP | 03 01 26 | |
| FGU | eP | 03 01 50 | |
| TUC | iP | 03 01 26 | |
| TUT | iP | 03 01 27 | |
| May 18 | | | |
| COL | eP | 06 00 02 | |
| May 18 | | | |
| ALQ | eP | 06 59 04 | |
| May 18 | | | |
| COL | eP | 07 26 07 | |
| | epP | 27 05 | |
| EUR | iP | 07 25 36 | |
| THU | eP' | 07 31 28 | |
| TUC | iP | 07 25 32 | |
| TUT | iP | 07 25 33 | |
| May 18 | | | |
| EUR | eP | 07 35 28 | |
| May 18 | | | |
| EUR | eP | 07 41 20 | |
| May 18 | | | |
| ALQ | eP | 08 01 44 | |
| EUR | iP | 08 02 23 | |
| FGU | e(P) | 08 02 20 | |
| May 18 | | | |
| COL | eP | 12 21 48 | |
| EUR | eP | 12 22 07 | |
| FGU | eP | 12 21 34 | |
| May 18 | | | |
| COL | e(P) | 14 30 47 | |
| | e | 33 02 | |
| EUR | eP | 14 33 31 | |
| May 18 | | | |
| EUR | eP | 14 59 19 | |
| May 18 | | | |
| GUA | eP | 18 06 03 | |
| May 18 | | | |
| ALQ | iP | 18 58 20 | |
| BCN | eP | 18 57 47 | |
| BOZ | eP | 18 57 19 | |
| COL | iP | 18 54 02 | |
| CSC | eP | 18 59 32 | |
| EUR | iP | 18 57 27 | |
| FGU | eP | 18 57 43 | |
| SLC | eP | 18 57 36 | |
| THU | eP | 18 56 12 | |
| | e | 56 20 | |
| | | h m s | |
| TUC | iP | 18 58 16 | |
| TUT | iP | 18 58 16 | |
| May 18 | | | |
| COL | iP | 20 11 30 | |
| EUR | iP | 20 10 29 | |
| May 18 | | | |
| FGU | e(P) | 23 14 15 | |
| May 18 | | | |
| ALQ | iP | 23 31 03 | |
| BCN | eP | 23 30 34 | |
| BOZ | eP | 23 31 16 | |
| BUT | eP | 23 31 09 | |
| COL | iP | 23 31 13 | |
| | ePP | 34 30 | |
| EUR | iP | 23 30 38 | |
| FGU | eP | 23 31 06 | |
| KIP | iP | 23 26 24 | |
| TUC | iP | 23 30 38 | |
| TUT | eP | 23 30 40 | |
| May 19 | | | |
| EUR | e(P) | 09 03 11 | |
| May 19 | | | |
| EUR | eP | 12 44 32 | |
| May 19 | | | |
| ALQ | e(P) | 15 02 28 C | |
| BHP | iP | 15 02 57 D | |
| | i(S) | 06 56 | |
| BOZ | iP | 15 04 24 C | |
| BUT | eP | 15 04 31 C | |
| COL | iP | 15 08 03 C | |
| | iS | 16 00 | |
| | iL | 20 00 | |
| CSC | iP | 15 03 25 C | |
| | iS | 07 38 | |
| EUR | iP | 15 03 52 | |
| | eL | 11 24 | |
| FGU | iP | 15 03 38 C | |
| | i(S) | 08 15 | |
| | eL | 11 35 | |
| HON | eP | 15 07 47 | |
| | iS | 15 36 | |
| | e(SS) | 19 03 | |
| | eL | 21 54 | |
| | | h m s | |
| HHM | eP | 15 04 54 | |
| | e | 05 22 | |
| | i(S) | 09 50 | |
| KIP | iP | 15 07 45 C | |
| PHI | iP | 15 05 32 | |
| RCD | iP | 15 03 57 C | |
| SLC | eP | 15 03 45 C | |
| SJP | iP | 15 04 38 C | |
| | eS | 09 57 | |
| SIT | eP | 15 06 54 | |
| | e(S) | 14 00 | |
| THU | eP. | 15 08 30 D | |
| | e(PP) | 10 35 | |
| TUC | iP | 15 02 28 C | |
| | eS | 06 01 | |
| TUT | iP | 15 02 28 C | |
| UKI | eP | 15 04 23 D | |
| WAS | iP | 15 04 16 D | |
| | iS | 09 18 | |
| May 19 | | | |
| BCN | eP | 15 00 26 | |
| EUR | iP | 15 00 40 | |
| GCA | e(P) | 15 01 00 | |
| | i | 01 06 | |
| May 19 | | | |
| COL | iP | 20 56 21 | |
| | i | 56 29 | |
| EUR | e(P) | 20 57 13 | |
| May 19 | | | |
| COL | iP | 21 00 24 | |
| May 19 | | | |
| COL | iP | 21 01 24 | |
| THU | eP | 21 00 22 | |
| May 19 | | | |
| COL | iP | 21 40 38 | |
| May 19 | | | |
| THU | eP | 22 14 29 | |
| May 20 | | | |
| ALQ | iP | 00 06 05 | |
| BHP | iP | 00 01 27 | |
| BCN | eP | 00 06 45 | |
| COL | iP | 00 09 45 | |
| | i | 10 03 | |
| | ePP | 13 21 | |

| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| CSC | eP | 00 05 00 | |
| | e | 06 31 | |
| EUR | iP | 00 07 03 | |
| FGU | iP | 00 06 46 | |
| RCD | iP | 00 06 48 | |
| SJP | iP | 00 03 03 | |
| | i | 03 52 | |
| THU | eP | 00 09 24 | |
| | i | 09 41 | |
| TUC | iP | 00 06 06 | |
| | ePcP | 07 04 | |
| TUT | iP | 00 06 07 | |
| | ePcP | 07 05 | |
| May 20 | | | |
| BCN | eP | 00 30 31 | |
| May 20 | | | |
| EUR | iP | 02 06 28 | |
| May 20 | | | |
| ALQ | e(P) | 02 59 30 | |
| May 20 | | | |
| COL | eP | 07 01 18 | |
| May 20 | | | |
| COL | iP | 08 21 09 | |
| | epP | 23 20 | |
| EUR | e(P) | 08 20 46 | |
| May 20 | | | |
| ALQ | eP | 11 43 21 | |
| COL | iP | 11 47 18 | |
| EUR | e(P) | 11 44 18 | |
| SJP | iP | 11 37 27 | |
| | iS | 38 17 | |
| May 20 | | | |
| ALQ | eP | 12 47 11 | |
| COL | eP | 12 52 40 | |
| EUR | eP | 12 48 27 | |
| May 20 | | | |
| ALQ | eP | 15 08 40 | |
| BOZ | eP | 15 09 33 | |
| | ePP | 11 15 | |
| COL | iP | 15 12 18 | |
| CSC | eP | 15 05 39 | |
| EUR | eP | 15 09 48 | |
| FGU | e(P) | 15 09 06 | |

| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| RCD | iP | 15 08 43 | |
| SJP | iP | 15 01 53 | |
| | iS | 02 16 | |
| THU | eP | 15 10 56 | |
| WAS | iP | 15 05 51 | |
| May 20 | | | |
| GUA | e(P) | 16 58 17 | |
| | e | 58 25 | |
| May 20 | | | |
| COL | iP | 17 02 00 | |
| | ipP | 02 30 | |
| May 20 | | | |
| BCN | eP | 18 22 10 | |
| May 20 | | | |
| EUR | eP | 18 43 37 | |
| May 20 | | | |
| ALQ | eP | 20 37 11 | |
| | e | 38 10 | |
| May 21 | | | |
| COL | eP | 02 04 22 | |
| GUA | eP | 01 55 38 | |
| May 21 | | | |
| COL | eP | 03 36 08 | |
| | e | 36 20 | |
| May 21 | | | |
| COL | iP | 08 55 24 | |
| May 21 | | | |
| GCA | e(P) | 11 41 27 | |
| | i | 41 38 | |
| May 21 | | | |
| ALQ | eP | 12 17 02 | D |
| BHP | eP' | 12 22 10 | |
| BCN | eP | 12 15 48 | C |
| | ePKKP | 31 51 | |
| BOZ | eP | 12 16 11 | C |
| | ePP | 20 03 | |
| BUT | eP | 12 16 07 | C |
| COL | iP | 12 13 44 | C |
| | iS | 22 40 | |
| CSC | e(P) | 12 17 22 | |
| | e | 21 34 | |
| EUR | iP | 12 16 30 | C |
| | ePP | 20 28 | |
| | iPKKP | 32 34 | |
| FGU | eP | 12 16 33 | D |
| | ePP | 20 40 | |
| | ePKKP | 32 50 | |

| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| GUA | eP | 12 11 44 | C |
| | i | 12 23 | |
| | i | 12 56 | |
| | ePP | 13 37 | |
| HON | eP | 12 15 49 | |
| | iS | 26 28 | |
| | e | 32 50 | |
| | eL | 39 48 | |
| HHM | iP | 12 15 57 | D |
| | ePP | 19 26 | |
| | e | 26 28 | |
| KIP | iP | 12 15 49 | |
| RCD | eP | 12 16 25 | C |
| | i | 16 35 | |
| | e(PP) | 20 23 | |
| | ePKKP | 32 50 | |
| | eSS | 34 31 | |
| SLC | eP | 12 16 32 | |
| SJP | eP' | 12 21 47 | |
| | ePP | 23 27 | |
| SIT | eP | 12 14 44 | |
| THU | iP | 12 13 38 | D |
| TUC | eP | 12 17 13 | |
| | ePP | 21 37 | |
| TUT | eP | 12 17 13 | |
| | ePP | 21 32 | |
| UKI | eP | 12 16 24 | D |
| WAS | eP | 12 16 51 | |
| | e | 20 37 | |
| May 21 | | | |
| COL | iP | 12 21 51 | |
| May 21 | | | |
| COL | iP | 12 24 47 | |
| May 21 | | | |
| COL | iP | 12 26 48 | |
| May 21 | | | |
| COL | iP | 12 28 15 | |
| May 21 | | | |
| COL | iP | 12 29 20 | |
| THU | eP | 12 29 14 | |
| | i | 29 30 | |
| May 21 | | | |
| COL | eP | 12 41 54 | |
| THU | e(P) | 12 41 38 | |
| May 21 | | | |
| COL | iP | 12 47 12 | |
| THU | eP | 12 47 06 | |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| May 21 | | |
| COL | iP | 13 10 39 |
| | i | 10 44 |
| | e | 14 12 |
| May 21 | | |
| ALQ | eP | 13 29 51 |
| COL | iP | 13 26 34 |
| | i | 26 40 |
| | e | 29 36 |
| EUR | i(P) | 13 29 20 |
| FGU | eP | 13 29 23 |
| THU | iP | 13 26 27 |
| May 21 | | |
| COL | iP | 13 39 45 |
| | e | 45 51 |
| May 21 | | |
| COL | eP | 13 48 10 |
| | e | 48 14 |
| May 21 | | |
| COL | eP | 13 55 00 |
| May 21 | | |
| COL | iP | 14 21 15 |
| EUR | iP | 14 20 45 |
| FGU | e(P) | 14 21 10 |
| May 21 | | |
| COL | iP | 19 30 29 |
| | e | 30 33 |
| May 21 | | |
| COL | eP | 14 47 48 |
| May 21 | | |
| COL | iP | 15 52 37 |
| | i | 52 47 |
| THU | eP | 15 52 32 |
| May 21 | | |
| GUA | eP | 15 58 46 |
| May 21 | | |
| COL | iP | 16 39 29 |
| May 21 | | |
| COL | eP | 17 09 45 |
| May 21 | | |
| COL | iP | 19 39 59 |
| | i | 40 05 |
| THU | e(P) | 19 39 53 |
| May 21 | | |
| COL | iP | 19 56 53 |
| | i | 56 58 |
| | e | 57 47 |

| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| May 21 | | | |
| COL | eP | 20 11 10 | |
| | e | 11 15 | |
| May 21 | | | |
| COL | eP | 20 15 10 | |
| May 21 | | | |
| COL | iP | 20 22 15 | |
| May 21 | | | |
| COL | iP | 21 19 13 | |
| May 21 | | | |
| ALQ | eP | 21 27 36 | |
| | iS | 37 24 | |
| BHP | eP | 21 28 43 | |
| | e | 30 19 | |
| | i | 30 29 | |
| BCN | eP | 21 26 09 | C |
| BOZ | eP | 21 27 47 | D |
| | e(pP) | 29 22 | |
| BUT | eP | 21 27 42 | D |
| | eS | 37 39 | |
| | eSS | 42 49 | |
| COL | iP | 21 27 38 | D |
| | ipP | 29 14 | |
| | i | 29 36 | |
| | isP | 30 00 | |
| | iPP | 31 32 | |
| | ePPP | 33 32 | |
| | eSKS | 37 32 | |
| | iS | 37 56 | |
| | eP'P' | 53 34 | |
| | e | 55 27 | |
| | eP'P'P' | 22 14 11 | |
| EUR | iP | 21 27 12 | D |
| | ipP | 28 42 | |
| | eS | 37 06 | |
| | i | 45 42 | |
| | iP'P' | 53 40 | |
| | i | 55 41 | |
| | eP'P'P' | 22 15 42 | |
| FGU | iP | 21 27 40 | C |
| | epP | 29 13 | |
| | iS | 37 37 | |
| GCA | eP | 21 27 24 | |
| | iS | 37 18 | |
| GUA | iP | 21 23 25 | D |
| | e | 27 06 | |
| HON | iP | 21 23 15 | |
| | ipP | 24 20 | |
| | i | 24 40 | |
| | isPP | 27 25 | |
| | iS | 29 28 | |
| | i(sS) | 31 49 | |
| | iL | 34 45 | |
| HHM | eP | 21 27 45 | |
| | ipP | 29 20 | |
| | iS | 37 33 | |

| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| KIP | iP | 21 23 16 | D |
| | i | 24 40 | |
| RCD | eP | 21 28 06 | |
| | epP | 29 41 | |
| PHI | e(P) | 21 29 42 | |
| | e | 30 12 | |
| | eP' | 33 18 | |
| | e | 38 42 | |
| | e | 57 57 | |
| SLC | eP | 21 27 32 | |
| SJP | eP' | 21 33 30 | |
| | iP' | 33 35 | |
| | ePP | 34 32 | |
| | ePKKP | 44 08 | |
| SIT | eP | 21 27 24 | |
| THU | e(P) | 21 29 40 | |
| | eP' | 33 29 | |
| | ePP | 34 19 | |
| | e | 34 26 | |
| | e | 36 14 | |
| | eL | 57 15 | |
| TUC | iP | 21 27 16 | D |
| | epP | 28 50 | |
| | ePP | 30 44 | |
| | eS | 37 09 | |
| | ePKKP | 46 02 | |
| TUT | iP | 21 27 16 | D |
| | epP | 28 48 | |
| | eS | 37 10 | |
| UKI | eP | 21 26 50 | C |
| | epP | 28 20 | |
| | eS | 36 16 | |
| WAS | eP | 21 29 34 | |
| | epP | 31 06 | |
| | iPP | 34 08 | |
| | e | 38 26 | |
| | i | 43 24 | |
| May 21 | | | |
| BHP | iP | 21 38 43 | |
| | iS | 38 42 | |
| May 21 | | | |
| BHP | iP | 22 06 56 | |
| | iS | 07 41 | |
| May 22 | | | |
| THU | eP | 00 07 54 | |
| | e | 08 46 | |
| May 22 | | | |
| ALQ | eP | 00 32 20 | |
| COL | iP | 00 32 28 | |
| EUR | iP | 00 31 56 | |
| FGU | eP | 00 32 24 | |
| TUT | iP | 00 31 57 | |

| Date and Station | | Phase (GCT) | |
|---|---|---|---|
| | | h m s | |
| May 21 | | | |
| FGU | eP | 02 06 49 | |
| | e | 07 13 | |
| May 22 | | | |
| COL | eP | 02 15 29 | |
| EUR | iP | 02 17 17 | |
| GUA | iP | 02 04 43 | |
| | eL | 06 34 | |
| May 22 | | | |
| COL | iP | 02 32 27 | |
| EUR | eP | 02 31 52 | |
| May 22 | | | |
| COL | eP | 04 22 07 | |
| May 22 | | | |
| COL | iP | 04 45 42 | |
| May 22 | | | |
| COL | eP' | 04 59 15 | |
| May 22 | | | |
| COL | eP | 06 28 21 | |
| May 22 | | | |
| COL | iP | 07 51 30 | |
| May 22 | | | |
| COL | iP | 08 02 25 | |
| | i(pP) | 02 47 | |
| | i | 02 52 | |
| EUR | iP | 08 03 00 | |
| May 22 | | | |
| ALQ | eP | 08 19 45 | |
| | ipP | 20 17 | |
| | ePP | 23 34 | |
| | e(S) | 29 48 | |
| | e(P'P') | 44 02 | |
| BCN | iP | 08 19 16 | |
| BOZ | eP | 08 19 41 | |
| COL | iP | 08 18 55 | |
| | ipP | 19 29 | |
| | isP | 19 42 | |
| | iPP | 22 18 | |
| | eS | 29 08 | |
| | iPKKP | 37 08 | |
| | eP'P' | 45 07 | |
| | eP'P'P' | 09 05 28 | |
| CSC | eP' | 08 26 06 | |
| | e | 31 46 | |
| | e | 35 42 | |
| EUR | iP | 08 19 16 | |
| | ipP | 19 46 | |
| | i(PP) | 23 13 | |
| | e | 36 28 | |
| | eP'P' | 44 58 | |
| FGU | eP | 08 19 40 | |
| | ipP | 20 12 | |
| | e | 23 56 | |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| GCA | eP | 08 19 29 |
| GUA | iP | 08 13 07 |
| | eS | 18 17 |
| HON | eP | 08 15 09 |
| | ipP | 15 37 |
| | iS | 22 00 |
| | i | 22 56 |
| | eL | 26 38 |
| HHM | eP | 08 19 34 |
| | epP | 20 08 |
| | eS | 30 28 |
| KIP | iP | 08 15 07 |
| | ipP | 15 38 |
| PHI | eP' | 08 25 39 |
| | e | 26 33 |
| RCD | eP | 08 20 01 |
| | e | 20 41 |
| | ePP | 24 06 |
| | eSKS | 30 33 |
| | eS | 31 00 |
| SLC | eP | 08 19 32 |
| | epP | 20 03 |
| SJP | iP' | 08 25 31 |
| | i | 26 05 |
| | e | 28 11 |
| | e | 38 40 |
| SIT | eP | 08 18 55 |
| THU | eP' | 08 24 52 |
| TUC | iP | 08 19 27 |
| | epP | 19 57 |
| TUT | iP | 08 19 27 |
| | epP | 19 59 |
| | eS | 30 05 |
| UKI | eP | 08 18 48 |
| | epP | 19 20 |
| WAS | eP' | 08 25 08 |
| | ePP | 26 26 |
| | e | 35 34 |
| | e | 39 20 |
| May 22 | | |
| COL | iP | 08 32 42 |
| May 22 | | |
| THU | e(P) | 09 14 23 |
| May 22 | | |
| EUR | iP | 09 33 39 |
| May 22 | | |
| COL | iP | 10 36 10 |

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| Date and Station | | Phase | (GCT) h m s |
|---|---|---|---|
| May 22 | | | |
| COL | | iP | 10 57 58 |
| May 22 | | | |
| COL | | iP | 11 13 25 |
| May 22 | | | |
| ALQ | | e(P) | 11 41 53 |
| | | eS | 43 08 |
| FGU | | eP | 11 40 52 |
| | | i | 40 49 |
| | | iS | 41 11 |
| May 22 | | | |
| COL | | iP | 18 07 54 |
| | | e | 13 05 |
| May 22 | | | |
| ALQ | | eP | 20 17 29 |
| | | e | 18 50 |
| May 22 | | | |
| BCN | | iP | 22 16 56 |
| COL | | iP | 22 15 51 |
| EUR | | iP | 22 16 52 |
| | | i | 17 18 |
| | | ePKKP | 33 44 |
| FGU | | e(P) | 22 17 15 |
| GUA | | iP | 22 08 05 |
| HON | | eP | 22 13 08 |
| | | e | 14 22 |
| | | iS | 21 07 |
| | | e | 22 38 |
| | | eL | 29 12 |
| KIP | | eP | 22 13 08 |
| | | i | 14 30 |
| SJP | | eP' | 22 23 00 |
| | | i(PP) | 24 21 |
| SIT | | eP | 22 16 06 |
| May 22 | | | |
| BCN | | e(P) | 22 18 20 |
| COL | | iP | 22 17 16 |
| EUR | | iP | 22 18 14 |
| May 22 | | | |
| COL | | iP | 22 23 49 |
| | | e | 26 07 |
| HHM | | eP | 22 29 10 |
| May 22 | | | |
| COL | | eP | 23 28 03 |
| | | epP | 28 17 |
| EUR | | eP | 23 29 04 |
| May 22 | | | |
| COL | | iP | 23 40 08 |
| | | e | 44 36 |
| EUR | | eP | 23 42 55 |
| May 22 | | | |
| EUR | | eP | 23 48 16 |
| May 23 | | | |
| COL | | iP | 01 03 54 |
| EUR | | eP | 01 06 40 |
| May 23 | | | |
| COL | | iP | 01 53 03 |
| EUR | | eP | 01 55 49 |
| THU | | e(P) | 01 52 57 |
| May 23 | | | |
| COL | | iP | 03 56 17 |
| EUR | | eP | 03 57 17 |
| May 23 | | | |
| COL | | iP | 05 16 05 |
| EUR | | eP | 05 17 06 |
| May 23 | | | |
| COL | | iP | 06 46 20 |
| | | e | 47 14 |
| EUR | | iP | 06 47 21 |
| May 23 | | | |
| COL | | iP | 06 55 50 |
| EUR | | eP | 06 56 51 |
| May 23 | | | |
| ALQ | | e(P) | 07 16 39 |
| BCN | | e(P) | 07 15 35 |
| GCA | | e(P) | 07 17 25 |
| TUC | | e(P) | 07 15 10 |
| | | e | 15 55 |
| TUT | | e(P) | 07 15 10 |
| | | e | 15 56 |
| May 23 | | | |
| COL | | eP | 07 31 29 |
| May 23 | | | |
| ALQ | | eP | 08 31 29 |
| COL | | iP | 08 31 34 |
| | | e | 33 14 |
| EUR | | eP | 08 31 10 |
| FGU | | eP | 08 31 33 |
| TUC | | iP | 08 31 09 |
| TUT | | iP | 08 31 10 |
| May 23 | | | |
| FGU | | eP | 08 53 18 |
| May 23 | | | |
| COL | | eP | 09 11 51 |
| May 23 | | | |
| FGU | | eP | 10 59 49 |
| May 23 | | | |
| ALQ | | eP | 12 16 56 |
| May 23 | | | |
| EUR | | eP | 18 27 59 |
| May 23 | | | |
| EUR | | e(P) | 19 22 38 |
| May 23 | | | |
| FGU | | eP | 19 29 01 |
| | | i | 29 07 |
| May 23 | | | |
| EUR | | eP | 20 41 42 |
| May 23 | | | |
| EUR | | eP | 20 46 13 |
| May 23 | | | |
| BOZ | | eP' | 21 23 55 |
| EUR | | eP' | 21 23 41 |
| May 23 | | | |
| CSC | | e(P) | 23 12 07 |
| | | e | 13 44 |
| May 24 | | | |
| EUR | | eP | 00 26 18 |
| May 24 | | | |
| COL | | eP | 01 15 45 |
| May 24 | | | |
| COL | | iP | 01 23 30 |
| | | i | 23 51 |
| EUR | | eP | 01 27 01 |
| May 24 | | | |
| COL | | eP | 02 23 57 |
| | | i(pP) | 24 14 |
| EUR | | iP | 02 24 58 |
| FGU | | e(P) | 02 25 20 |
| May 24 | | | |
| COL | | eP | 03 17 06 |
| EUR | | eP | 03 17 41 |
| May 24 | | | |
| ALQ | | iP | 04 29 45 |
| BOZ | | eP | 04 27 55 |
| BUT | | eP | 04 27 40 |
| COL | | iP | 04 29 06 |
| | | e(S) | 32 35 |
| EUR | | iP | 04 28 05 |
| FGU | | e(P) | 04 28 40 |
| | | e | 28 44 |
| GCA | | e(P) | 04 28 56 |
| HHM | | eP | 04 27 16 |
| | | eL | 30 18 |
| SIT | | eP | 04 26 45 |
| TUC | | iP | 04 29 44 |
| TUT | | iP | 04 29 44 |
| May 24 | | | |
| ALQ | | eP | 04 32 12 |
| May 24 | | | |
| COL | | iP | 07 24 39 |
| EUR | | eP | 07 24 03 |
| May 24 | | | |
| GUA | | eP | 10 32 40 |
| May 24 | | | |
| ALQ | | eP | 14 15 23 |
| COL | | eP | 14 14 40 |
| EUR | | iP | 14 13 40 |
| FGU | | e(P) | 14 14 14 |
| May 24 | | | |
| THU | | eP | 20 41 58 |
| | | e | 42 35 |
| May 24 | | | |
| ALQ | | iP | 22 20 35 |
| May 25 | | | |
| COL | | eP | 00 57 35 |
| EUR | | eP | 00 58 26 |
| THU | | eP | 00 53 51 |
| | | e | 53 56 |
| | | e | 54 13 |
| May 25 | | | |
| EUR | | eP | 01 16 38 |
| FGU | | e(P) | 01 16 05 |
| THU | | eP | 01 12 01 |
| May 25 | | | |
| COL | | iP | 01 22 19 |
| EUR | | eP | 01 23 21 |
| May 25 | | | |
| EUR | | e(P) | 03 33 32 |
| May 25 | | | |
| ALQ | | iP | 04 32 02 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| COL | iP | 04 32 15 |
| EUR | eP | 04 31 41 |
| FGU | eP | 04 32 06 |
| HON | e(P) | 04 34 22 |
| | i | 37 51 |
| TUC | iP | 04 31 38 |
| TUT | iP | 04 31 39 |
| May 25 | | |
| COL | iP | 07 01 46 |
| May 25 | | |
| ALQ | eP | 07 18 57 |
| COL | eP | 07 18 23 |
| EUR | eP | 07 18 29 |
| May 25 | | |
| GUA | eP | 08 28 08 |
| May 25 | | |
| COL | iP | 09 33 24 |
| May 25 | | |
| COL | iP | 09 52 44 |
| EUR | eP | 09 53 45 |
| May 25 | | |
| ALQ | eP | 11 32 37 |
| COL | eP | 11 30 25 |
| EUR | eP | 11 33 48 |
| May 25 | | |
| COL | iP | 11 45 54 |
| EUR | eP | 11 48 41 |
| May 25 | | |
| EUR | eP | 14 32 43 |
| May 25 | | |
| ALQ | iP | 14 57 24 |
| | epP | 57 44 |
| COL | eP | 15 01 30 |
| EUR | eP | 14 58 27 |
| FGU | e(P) | 14 58 09 |
| SJP | iP | 14 54 22 |
| | i | 54 45 |
| May 25 | | |
| ALQ | eP | 15 02 00 |
| | iL | 04 14 |
| EUR | iP | 15 00 41 |
| FGU | eP | 15 01 41 |
| | i | 01 55 |
| | iL | 03 22 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| GCA | eP | 15 01 00 |
| | i | 01 06 |
| | i(S) | 01 51 |
| SLC | eP | 15 01 19 |
| May 25 | | |
| ALQ | eP | 15 14 25 |
| EUR | iP | 15 12 32 |
| GCA | eP | 15 12 55 |
| May 25 | | |
| EUR | e(P) | 15 25 55 |
| May 25 | | |
| COL | eP | 17 34 12 |
| | epP | 36 18 |
| EUR | eP | 17 33 51 |
| May 25 | | |
| ALQ | iP | 21 39 41 |
| EUR | iP | 21 40 30 |
| SJP | e(P) | 21 36 30 |
| May 25 | | |
| FGU | iP | 22 40 18 |
| May 26 | | |
| FGU | eP | 00 39 51 |
| May 26 | | |
| COL | iP | 02 24 50 |
| | epP | 26 56 |
| EUR | eP | 02 24 27 |
| May 26 | | |
| COL | iP | 02 25 50 |
| May 26 | | |
| ALQ | eP | 02 52 50 |
| EUR | eP | 02 50 53 |
| May 26 | | |
| BOZ | eP | 03 51 02 |
| May 26 | | |
| FGU | e(P) | 06 45 17 |
| May 26 | | |
| ALQ | eP | 07 36 32 |
| COL | iP | 07 40 34 |
| EUR | iP | 07 37 29 |
| TUC | e(P) | 07 35 53 |
| TUT | e(P) | 07 35 53 |
| May 26 | | |
| ALQ | e(P) | 09 44 31 |
| EUR | iP | 09 43 23 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| May 26 | | |
| COL | eP | 10 03 10 |
| | e | 03 30 |
| May 26 | | |
| GUA | iP | 10 48 00 |
| May 26 | | |
| ALQ | iP | 13 03 25 |
| COL | eP' | 13 09 52 |
| EUR | iP | 13 04 00 |
| FGU | eP | 13 03 55 |
| TUC | iP | 13 03 21 |
| TUT | iP | 13 03 21 |
| May 26 | | |
| ALQ | eP' | 20 03 17 |
| | i | 03 32 |
| | i | 06 49 |
| COL | iP | 19 57 39 |
| | e | 20 01 11 |
| | ePKKP | 14 30 |
| EUR | iP' | 20 03 15 |
| | ePKKP | 12 50 |
| FGU | iP' | 20 03 18 |
| SJP | iP' | 20 04 01 |
| May 26 | | |
| BOZ | iP | 19 58 49 |
| | i | 59 10 |
| BUT | eP | 19 58 34 |
| HHM | iP | 19 58 53 |
| | iS | 59 19 |
| May 27 | | |
| EUR | iP | 01 46 00 |
| May 27 | | |
| EUR | iP | 01 47 29 |
| | iL | 49 48 |
| GCA | eP | 01 47 07 |
| | i | 47 38 |
| | i | 47 46 |
| TUC | eP | 01 46 46 |
| | eL | 47 51 |
| | i | 48 01 |
| TUT | eP | 01 46 45 |
| | eL | 47 51 |
| May 27 | | |
| COL | eP | 05 43 34 |
| | e | 46 38 |
| EUR | eP' | 05 49 10 |
| May 27 | | |
| EUR | eP | 06 22 35 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| May 27 | | |
| BOZ | iP | 06 44 12 |
| | i | 44 34 |
| | i | 44 51 |
| BUT | iP | 06 43 56 |
| HHM | iP | 06 44 06 |
| | iS | 44 27 |
| May 27 | | |
| ALQ | eP | 07 46 21 |
| | e | 47 41 |
| | i | 48 58 |
| EUR | eP | 07 45 33 |
| May 27 | | |
| ALQ | eP | 09 52 05 |
| | eS | 55 23 |
| EUR | eP | 09 53 21 |
| FGU | e(P) | 09 52 57 |
| May 27 | | |
| COL | eP' | 14 52 36 |
| EUR | eP' | 14 53 10 |
| May 27 | | |
| COL | eP | 17 14 21 |
| May 27 | | |
| EUR | eP | 18 17 01 |
| May 27 | | |
| COL | eP | 18 26 47 |
| EUR | eP | 18 26 11 |
| May 28 | | |
| COL | eP | 01 27 53 |
| EUR | eP | 01 31 08 |
| May 28 | | |
| COL | eP | 03 00 04 |
| May 28 | | |
| COL | eP | 03 20 33 |
| May 28 | | |
| ALQ | eP | 08 04 12 |
| EUR | eP | 08 05 22 |
| May 28 | | |
| BUT | eP | 10 21 46 |
| COL | iP | 10 19 13 |
| EUR | iP | 10 21 55 |
| FGU | eP | 10 22 12 |
| May 28 | | |
| EUR | eP | 14 54 44 |

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| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| May 28 | | |
| COL | eP | 16 20 23 |
| | i | 20 32 |
| EUR | eP | 16 20 49 |
| May 28 | | |
| ALQ | e(P) | 21 30 14 |
| May 28 | | |
| ALQ | iP | 24 00 34 |
| BOZ | iP | 24 01 31 |
| | i(pP) | 02 00 |
| BUT | eP | 24 01 36 |
| EUR | iP | 24 01 18 |
| | ePKKP | 19 39 |
| FGU | iP | 24 01 08 |
| | i(pP) | 01 36 |
| GCA | e(P) | 24 00 57 |
| SJP | iP | 23 57 42 |
| | i | 58 08 |
| TUC | iP | 24 00 33 |
| | ipP | 01 01 |
| TUT | iP | 24 00 33 |
| | ipP | 00 58 |
| May 29 | | |
| EUR | eP | 03 57 42 |
| May 29 | | |
| ALQ | e(P) | 06 17 52 |
| | e(S) | 18 08 |
| EUR | e(P) | 06 17 35 |
| May 29 | | |
| EUR | eP | 07 15 21 |
| May 29 | | |
| ALQ | eP | 08 48 23 |
| SJP | e(P) | 08 45 50 |
| May 29 | | |
| EUR | eP | 09 13 51 |
| May 29 | | |
| FGU | eP | 09 25 06 |
| May 29 | | |
| COL | iP | 09 55 56 |
| EUR | eP | 09 57 37 |
| May 29 | | |
| ALQ | eP | 10 28 46 |
| May 29 | | |
| COL | iP | 11 41 42 |
| May 29 | | |
| COL | iP | 12 28 11 |
| EUR | eP | 12 32 19 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| May 29 | | |
| COL | iP | 14 21 25 |
| | e | 21 44 |
| May 29 | | |
| EUR | eP | 15 37 33 |
| May 29 | | |
| ALQ | eP | 20 53 19 |
| GCA | e(P) | 20 53 22 |
| | e | 54 56 |
| TUC | e(P) | 20 52 14 |
| May 29 | | |
| ALQ | iP | 21 09 25 |
| | i | 10 37 |
| BOZ | iP | 21 08 12 |
| COL | iP | 21 04 49 |
| | e(S) | 08 40 |
| CSC | eP | 21 11 11 |
| EUR | iP | 21 08 17 |
| FGU | iP | 21 08 42 |
| SJP | iP | 21 13 06 |
| May 29 | | |
| ALQ | iP | 22 03 10 |
| BOZ | iP | 22 04 14 |
| COL | iP | 22 06 11 |
| EUR | iP | 22 03 37 |
| May 29 | | |
| COL | iP | 22 46 46 |
| | iS | 47 04 |
| May 29 | | |
| ALQ | eP | 22 50 07 |
| FGU | eP | 22 50 40 |
| | iS | 51 19 |
| May 30 | | |
| BOZ | iP | 00 41 37 |
| May 30 | | |
| ALQ | e(P) | 00 54 10 |
| May 30 | | |
| ALQ | e(P) | 05 02 26 |
| BOZ | e(P) | 05 01 03 |
| BUT | e(P) | 05 00 48 |
| COL | e(P) | 05 02 48 |
| EUR | eP | 05 00 29 |
| FGU | e(P) | 05 01 20 |
| TUC | e(P) | 05 02 17 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| May 30 | | |
| EUR | iP | 05 06 16 |
| May 30 | | |
| EUR | eP | 05 10 34 |
| May 30 | | |
| EUR | eP | 05 43 30 |
| May 30 | | |
| COL | iP | 06 50 47 |
| | iS | 51 22 |
| May 30 | | |
| BCN | eP | 08 23 19 |
| | e | 24 04 |
| May 30 | | |
| ALQ | iP | 09 24 19 |
| COL | eP | 09 28 22 |
| EUR | eP | 09 25 02 |
| | i | 26 26 |
| RCD | iP | 09 25 30 |
| May 30 | | |
| ALQ | e(P) | 10 01 08 |
| May 30 | | |
| ALQ | iP | 10 12 11 |
| BOZ | iP | 10 12 21 |
| COL | iP | 10 13 59 |
| CSC | eP | 10 09 25 |
| EUR | iP | 10 12 57 |
| FGU | eP | 10 12 17 |
| | i | 13 33 |
| GCA | e(P) | 10 12 28 |
| RCD | eP | 10 11 40 |
| SLC | eP | 10 12 30 |
| SJP | e(P) | 10 08 18 |
| TUC | eP | 10 12 41 |
| | epP | 14 07 |
| May 30 | | |
| ALQ | e(P) | 10 38 52 |
| | e | 40 28 |
| | e | 41 47 |
| EUR | eP | 10 39 12 |
| | eL | 42 02 |
| FGU | e(P) | 10 41 42 |
| TUC | eP | 10 37 49 |
| | e | 39 30 |
| May 30 | | |
| COL | iP | 16 42 04 |
| | iS | 42 24 |

| Date and Station | | Phase (GCT) h m s |
|---|---|---|
| EUR | eP | 16 47 46 |
| May 30 | | |
| COL | iP | 17 09 31 |
| | ipP | 11 15 |
| EUR | eP | 17 09 10 |
| May 30 | | |
| COL | iP | 21 19 35 |
| EUR | eP | 21 19 04 |
| May 31 | | |
| BOZ | iP | 01 22 03 |
| BUT | iP | 01 22 13 |
| EUR | eP | 01 23 29 |
| | iL | 25 12 |
| FGU | eP | 01 22 52 |
| | i | 23 02 |
| | i(S) | 23 36 |
| | iS | 23 52 |
| May 31 | | |
| COL | eP | 02 09 48 |
| May 31 | | |
| COL | eP | 02 17 36 |
| May 31 | | |
| GCA | e(P) | 02 23 45 |
| | e | 25 13 |
| TUC | e(P) | 02 23 38 |
| May 31 | | |
| ALQ | eP | 03 31 12 |
| EUR | eP | 03 30 56 |
| May 31 | | |
| EUR | eP | 04 57 14 |
| FGU | iP | 04 56 18 |
| | iS | 56 41 |
| May 31 | | |
| EUR | eP | 05 02 22 |
| May 31 | | |
| ALQ | iP | 06 41 13 |
| | ipP | 42 12 |
| BOZ | iP | 06 40 35 |
| | iS | 50 34 |
| BUT | iP | 06 40 30 |
| | eS | 50 22 |
| COL | iP | 06 38 16 |
| | i | 38 37 |
| | ipP | 39 18 |
| | i | 39 55 |
| | eS | 46 16 |

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| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| CSC | e(P') | 06 46 12 |
| | e | 46 30 |
| | e | 47 10 |
| EUR | iP | 06 40 32 |
| | iS | 50 33 |
| FGU | iP | 06 40 51 |
| | e(S) | 51 14 |
| GCA | eP | 06 40 52 |
| GUA | iP | 06 30 30 |
| | eS | 32 10 |
| HON | iP | 06 37 31 |
| | i | 37 42 |
| | epP | 38 24 |
| | i | 38 42 |
| | iS | 44 56 |
| | iL | 50 26 |
| HHM | eP | 06 40 20 |
| | iS | 50 12 |
| KIP | iP | 06 37 32 |
| | i | 37 43 |
| | i | 38 35 |
| RCD | iP | 06 41 02 |
| | i | 41 11 |
| | e | 41 43 |
| | eS | 51 34 |
| SLC | eP | 06 40 43 |
| SJP | eP | 06 47 08 |
| SIT | eP | 06 38 55 |
| THU | eP | 06 40 06 |
| TUC | iP | 06 41 05 |
| | epP | 42 04 |
| UKI | eP | 06 40 04 |
| WAS | eP' | 06 46 56 |
| May 31 | | |
| SJP | iP | 06 50 07 |
| May 31 | | |
| EUR | eP | 07 48 04 |
| May 31 | | |
| ALQ | eP | 08 50 40 |
| COL | eP | 08 51 04 |
| EUR | iP | 08 50 26 |
| TUC | iP | 08 50 22 |
| May 31 | | |
| HHM | eP | 09 23 01 |
| | iS | 23 50 |
| May 31 | | |
| ALQ | eP | 10 26 12 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |
| May 31 | | |
| FGU | e(P) | 12 10 00 |
| | e | 22 29 |
| May 31 | | |
| ALQ | eP | 15 08 18 |
| COL | iP | 15 08 33 |
| May 31 | | |
| ALQ | iP | 21 31 09 |
| | e | 31 20 |
| May 31 | | |
| ALQ | eP | 21 55 13 |
| | i | 55 40 |
| | i | 57 28 |
| EUR | iP | 21 55 21 |
| GCA | e(P) | 21 55 10 |
| May 31 | | |
| EUR | iP | 22 49 21 |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |

| Date and Station | | Phase (GCT) |
|---|---|---|
| | | h m s |

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| Date and Station | Phase (GCT) | Date and Station | Phase (GCT) | Date and Station | Phase (GCT) | Date and Station | Phase (GCT) |
|---|---|---|---|---|---|---|---|
| | h m s | | h m s | | h m s | | h m s |
| Local and Minor Earthquakes | | | | | | | |
| May | | May | | May | | | |
| ALQ | | FGU | | TUC (Con't.) | | | |
| 1 | 17.0 | 2 | 22.5 | 12 | 23.3 | | |
| 2 | 17.1 | 3 | 00.1 | 13 | 21.9 | | |
| | 19.1 | | 00.5 | 15 | 09.8 | | |
| | 21.4 | 4 | 00.1 | 18 | 18.1 | | |
| | 23.4 | | 00.7 | 19 | 08.0 | | |
| 3 | 16.9 | 5 | 15.4 | | 19.1 | | |
| | 18.5 | | 20.2 | 20 | 08.5 | | |
| 6 | 20.0 | 6 | 21.2 | 21 | 03.0 | | |
| 7 | 21.7 | 7 | 23.8 | 27 | 20.5 | | |
| 9 | 16.7 | 8 | 23.9 | 28 | 23.0 | | |
| | 18.9 | 9 | 18.6 | 29 | 09.2 | | |
| | 20.5 | | 20.7 | | 19.1 | | |
| 10 | 19.9 | 10 | 11.6 | 30 | 09.9 | | |
| 11 | 18.1 | 12 | 18.2 | | 10.0 | | |
| | 21.5 | 15 | 00.4 | | 10.9 | | |
| 18 | 18.2 | | 20.3 | 31 | 21.8 | | |
| | 20.0 | 18 | 17.3 | | | | |
| 19 | 01.0 | 22 | 06.2 | | | | |
| | 08.5 | | 08.8 | | | | |
| 20 | 19.7 | | 19.1 | | | | |
| 22 | 18.3 | | 19.8 | | | | |
| | 21.0 | | 22.8 | | | | |
| 24 | 16.1 | 23 | 00.7 | | | | |
| 25 | 19.2 | | 12.9 | | | | |
| 26 | 03.3 | | 17.9 | | | | |
| | 12.3 | 24 | 00.8 | | | | |
| | 22.9 | | 04.2 | | | | |
| 27 | 20.6 | 25 | 03.9 | | | | |
| 28 | 21.8 | | 07.6 | | | | |
| 29 | 16.9 | | 15.0 | | | | |
| 30 | 15.5 | | 20.9 | | | | |
| | 21.3 | | 21.9 | | | | |
| 31 | 21.1 | | 22.8 | | | | |
| | | 28 | 03.7 | | | | |
| May | | | 06.2 | | | | |
| COL | | | 19.0 | | | | |
| 5 | 02.2 | 31 | 15.4 | | | | |
| | 20.5 | | | | | | |
| 6 | 04.1 | May | | | | | |
| 21 | 16.5 | GCA | | | | | |
| 22 | 16.8 | 10 | 15.0 | | | | |
| 23 | 18.0 | 29 | 06.3 | | | | |
| 28 | 20.1 | | | | | | |
| | | May | | | | | |
| May | | SJP | | | | | |
| EUR | | 9 | 08.5 | | | | |
| 2 | 08.0 | 14 | 14.5 | | | | |
| 3 | 09.0 | | 22.6 | | | | |
| | 17.9 | 18 | 13.2 | | | | |
| 4 | 20.9 | 31 | 08.3 | | | | |
| 5 | 05.7 | | | | | | |
| 8 | 19.5 | May | | | | | |
| 14 | 11.4 | TUC | | | | | |
| 24 | 23.7 | 2 | 09.6 | | | | |
| 27 | 06.8 | 3 | 20.2 | | | | |
| 29 | 20.9 | 4 | 00.5 | | | | |
| 31 | 02.4 | | 19.1 | | | | |
| | | 8 | 12.7 | | | | |
| | | 9 | 06.2 | | | | |
| | | 10 | 04.4 | | | | |
| | | | 19.1 | | | | |
| | | | 22.9 | | | | |
| | | 11 | 07.2 | | | | |
| | | 12 | 22.8 | | | | |