USCGS
.40

SEISMOLOGICAL BULLETIN

September 1966

MSI-309

CONTENTS

List of Stations.....1
Provisional Epicenters.....2
Seismogram Interpretations.....18

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

December 1968

FOR OFFICIAL DISTRIBUTION

National Oceanic and Atmospheric Administration

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This has been a co-operative project between the NOAA Central Library and the Climate Database Modernization Program, National Climate Data Center (NCDC). To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or Library.Reference@noaa.gov

HOV Services
Imaging Contractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 4, 2011

SEISMOLOGICAL BULLETIN

1966

LIST OF SEISMOGRAPH STATIONS

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

Adak, Alaska (ADK)
Albuquerque, New Mexico (ALQ) WWNSS
Blue Mountains Observatory, Oregon (BMO)
**Balboa Heights, Canal Zone (BHP) WWNSS
The Panama Canal Company
Barrow, Alaska (BRW)
*Boulder City, Nevada (BCN)
Bureau of Reclamation
*Bozeman, Montana (BOZ) WWNSS
*Bozeman, Montana (BZM)
Montana State College
*Butte, Montana (BUT)
Montana School of Mines
*Cedar Springs, California (CED)
California Department of Water Resources
*Chicago, Illinois (CHK)
University of Chicago and
U. S. Weather Bureau
College, Alaska (COL) WWNSS
*Columbia, South Carolina (CSC)
University of South Carolina
*Eureka, Nevada (EUR)
Eureka Corporation Limited
*Flaming Gorge, Utah (FGU)
Bureau of Reclamation
*Glen Canyon, Arizona (GCA)
Bureau of Reclamation
Guam, Mariana Islands (GUA) WWNSS
Honolulu, Hawaii (HON)
*Hungry Horse, Montana (HHM)
Bureau of Reclamation
Kipapa, Hawaii (KIP) WWNSS
Newport, Washington (NEW)
**Philadelphia, Pennsylvania (PHI)
The Franklin Institute
**Rapid City, South Dakota (RCD) WWNSS
South Dakota State School of Mines
*Salt Lake City, Utah (SLC)
University of Utah
San Juan Geophysical Observatory
Puerto Rico (SJG) WWNSS
San Luis Dam, California (SLD)
Bureau of Reclamation
Sitka, Alaska (SIT)
Tucson, Arizona (TUC) WWNSS
Ukiah, California (UKI)
International Latitude Observatory
Washington, D. C. (WAS)
Washington Science Center, Maryland (WSC)

*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.
WWNSS indicates the observatories are part of the World-Wide Network of Standard Seismographs.

All seismogram interpretations are made or revised in the Rockville office except those for Balboa Heights. Since January 1, 1959, the data from the horizontal components of the seismographs at all stations except College, Honolulu, and Tucson has not been 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 magnitudes are m_b values of Gutenberg and Richter determined by the C&GS from the P phase only unless otherwise noted. The magnitude quoted is an average value determined from data forwarded by cooperating Standard Stations and other observatories. Mag. (PAS), (PAL), (BRK) are as reported by Pasadena, Palisades, and Berkeley, respectively.

All coordinates of epicenter, origin times and focal depths have been calculated with the use of an electronic computer. The epicenters quoted in this bulletin are recomputations of those previously reported on the Preliminary Determination of Epicenter cards with the addition of some new epicenters.

All seismograms are on file in the Coast and Geodetic Survey. Requests for information on seismogram copies of the World-Wide Network observatories should be addressed to:

U. S. Department of Commerce
Environmental Science Services Administration
Coast and Geodetic Survey
Seismology Division
Rockville, Maryland 20852

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
1	00 26 25*	45.8 N	151.6 E	95	4.3	KURILE ISLANDS.
1	01 38 32.8	71.7 N	2.8 W	33	5.0	JAN MAYEN ISLAND REGION.
1	03 00 20.7	71.7 N	2.7 W	33	4.0	JAN MAYEN ISLAND REGION.
1	03 31 35*	16.3 S	176.0 W	351	3.8	FIJI ISLANDS REGION.
1	08 57 13.7	0.5 S	134.4 E	60	5.3	WEST NEW GUINEA REGION.
1	11 13 26*	52.7 N	171.6 W	33	4.0	FOX ISLANDS, ALEUTIAN ISLANDS.
1	12 35 32.9	38.1 N	22.7 E	33	4.6	GREECE. FELT IN CENTRAL GREECE AND PELOPONNESUS.
1	14 11 26.5	50.6 N	129.4 W	41	4.4	VANCOUVER ISLAND REGION.
1	14 16 14.1	31.8 N	142.4 E	39	5.3	SOUTH OF HONSHU, JAPAN.
1	14 22 58.6	37.5 N	22.1 E	28	5.2	SOUTHERN GREECE. 24 PEOPLE INJURED, 240 HOUSES DESTROYED, AND 1300 HOUSES DAMAGED IN PELOPONNESUS. FELT FROM CRETE TO ARTA.
1	14 25 48.8	7.6 S	117.3 E	281	5.6	BALI SEA.
1	15 24 59.6	20.6 S	175.3 W	33	5.1	TONGA ISLANDS.
1	16 19 09.6	0.5 N	24.9 W	33	4.7	CENTRAL MID-ATLANTIC RIDGE.
1	16 30 18*	28.0 S	67.0 W	158	4.3	LA RIOJA PROVINCE, ARGENTINA.
1	19 03 46.4	29.7 N	68.8 E	33	4.8	WEST PAKISTAN.
1	19 18 01.6	71.6 N	2.9 W	33	5.0	JAN MAYEN ISLAND REGION.
1	20 06 53.8	4.3 S	146.3 E	87	5.5	EAST NEW GUINEA REGION.
1	20 36 49.0	5.3 S	153.4 E	88		NEW IRELAND REGION.
1	21 09 41.0	58.3 N	32.5 W	33	4.5	NORTH ATLANTIC OCEAN.
1	21 27 38.6	58.3 N	32.6 W	33	4.7	NORTH ATLANTIC OCEAN.
1	21 31 06*	58.1 N	32.4 W	33	4.5	NORTH ATLANTIC OCEAN.
1	23 19 08.1	61.7 N	149.7 W	63	5.1	SOUTHERN ALASKA. FELT AT ANCHORAGE.
2	00 09 15.4	1.0 N	30.2 E	14		UGANDA.
2	00 54 44.9	51.2 N	178.0 E	37	5.1	RAT ISLANDS, ALEUTIAN ISLANDS. MAG. 4.7-5.1 (BRK).
2	01 56 46.2	46.6 N	153.4 E	29	4.0	KURILE ISLANDS.
2	01 58 29.4	46.8 N	153.1 E	50	4.5	KURILE ISLANDS.
2	05 03 05*	23.3 N	107.8 W	33	4.2	GULF OF CALIFORNIA.
2	06 55 11*	23.1 S	114.9 W	33	4.5	EASTER ISLAND REGION.
2	07 59 05.2	4.5 S	106.1 W	33	5.1	NORTHERN EASTER I. CORDILLERA. MAG. 6 1/4 (PAS), 5.7-6.1 (BRK).
2	08 30 11*	45.3 N	150.7 E	59	4.1	KURILE ISLANDS.
2	08 50 55.9	49.3 N	129.8 W	33	3.9	VANCOUVER ISLAND REGION.
2	09 09 02.6	13.6 N	144.2 E	93	4.8	MARIANA ISLANDS. FELT ON GUAM.
2	10 15 17.8	3.2 S	139.8 E	42	5.1	WEST NEW GUINEA.
2	10 41 23.1	13.2 N	50.9 E	34	4.7	EASTERN GULF OF ADEN.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
2	11 06 29.9	34.1 N	117.4 W	8	4.5	SOUTHERN CALIFORNIA. MAG. 3 1/2 (PAS), 3.9 (BRK). FELT AT FONTANA, RIVERSIDE, REDLANDS, AND SAN BERNARDINO. HYPOCENTER BY PASADENA.
2	11 12 59.1	27.7 N	52.4 E	22	4.9	SOUTHERN IRAN.
2	14 24 52*	41.9 N	18.7 E	45	4.2	ADRIATIC SEA.
2	14 34 55.4	2.2 N	126.7 E	102	5.2	MOLUCCA PASSAGE.
2	15 12 39*	35.4 N	25.0 E	72		CRETE.
2	17 47 46.2	34.1 N	117.4 W	9	4.3	SOUTHERN CALIFORNIA. MAG. 3.4 (PAS). HYPOCENTER BY PASADENA.
2	19 05 52.0	37.3 N	114.3 W	33		SOUTHERN NEVADA.
2	21 20 16.9	26.8 N	110.7 W	34	4.7	GULF OF CALIFORNIA.
2	22 13 19*	53.5 N	167.5 W	33	4.3	FOX ISLANDS, ALEUTIAN ISLANDS.
2	22 14 50.9	53.1 N	169.8 W	33	4.9	FOX ISLANDS, ALEUTIAN ISLANDS.
2	22 46 39.7	60.2 N	146.9 W	31	4.8	SOUTHERN ALASKA.
2	23 57 34*	43.5 N	147.2 E	61	4.3	KURILE ISLANDS.
3	03 51 36*	50.3 N	156.5 E	70	4.3	KURILE ISLANDS.
3	06 38 07.2	13.8 N	91.2 W	62	4.4	NEAR COAST OF GUATEMALA.
3	07 53 20.2	36.5 N	112.3 W	33		WESTERN ARIZONA.
3	08 11 38.2	43.6 N	146.5 E	52	4.3	KURILE ISLANDS.
3	09 38 28*	45.4 N	150.3 E	51	3.8	KURILE ISLANDS.
3	12 08 40.6	57.0 S	25.6 W	40	5.3	SOUTH SANDWICH ISLANDS REGION.
3	16 24 20.4	10.3 N	104.1 W	33	5.1	OFF COAST OF MEXICO. MAG. 4.4-4.8 (BRK).
3	19 45 46.4	20.8 S	178.8 W	580	4.6	FIJI ISLANDS REGION.
3	20 43 13*	22.1 S	170.4 E	47		LOYALTY ISLANDS REGION.
3	22 42 18*	3.6 S	77.8 W	167	4.0	PERU-ECUADOR BORDER REGION.
4	00 31 15.2	19.7 S	69.3 W	111	4.2	NORTHERN CHILE.
4	01 28 22*	44.5 N	128.6 W	25	4.0	OFF COAST OF OREGON.
4	01 29 29.6	45.7 N	26.6 E	136	4.1	RUMANIA.
4	02 53 38*	45.1 N	151.3 E	67		KURILE ISLANDS.
4	04 37 05.6	12.0 N	92.9 E	39	5.2	ANDAMAN ISLANDS REGION.
4	05 37 49.9	17.9 S	74.0 W	9	5.0	OFF COAST OF PERU.
4	08 40 13*	62.9 N	6.2 E	33	4.0	SOUTHERN NORWAY. FELT NEAR ALESUND.
4	09 41 24.1	2.5 S	138.8 E	38	5.7	WEST NEW GUINEA.
4	09 52 34.5	38.3 N	107.6 W	33	4.2	COLORADO.
4	10 51 03.8	2.8 N	84.5 W	33	4.5	OFF COAST OF CENTRAL AMERICA.
4	11 23 18.1	37.4 N	114.2 W	33	4.2	SOUTHERN NEVADA. MAG. 4.6-5 (BRK).
4	13 28 42.0	16.5 S	167.4 E	3	5.3	NEW HEBRIDES ISLANDS.
4	18 54 34*	5.3 S	11.6 W	33	4.4	ASCENSION ISLAND REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
4	22 14 50.0	4.6 N	73.9 W	8	5.2	COLOMBIA. 8 KILLED, 40 INJURED, AND MODERATE PROPERTY DAMAGE AT BOGOTA.
5	00 08 05.4	21.6 S	176.3 W	212	4.8	FIJI ISLANDS REGION.
5	03 05 07*	21.1 S	67.7 W	194	4.0	CHILE-BOLIVIA BORDER REGION.
5	04 06 06.0	37.1 N	71.5 E	140	4.8	AFGHANISTAN-USSR BORDER REGION.
5	06 52 51.2	7.5 S	155.9 E	65	4.7	SOLOMON ISLANDS.
5	08 48 20.8	51.9 N	176.6 E	56	4.7	RAT ISLANDS, ALEUTIAN ISLANDS.
5	09 08 02.7	13.9 S	26.2 E	33	4.6	ZAMBIA.
5	11 10 00*	20.2 S	177.6 W	487	3.9	FIJI ISLANDS REGION.
5	11 17 01.4	23.7 S	175.8 W	40	4.6	TONGA ISLANDS REGION.
5	11 52 43*	22.8 S	179.9 E	650	3.9	SOUTH OF FIJI ISLANDS.
5	14 12 32*	14.9 N	92.0 W	33	3.5	NEAR COAST OF CHIAPAS, MEXICO.
5	16 08 29.7	37.3 N	114.2 W	33		SOUTHERN NEVADA.
5	16 33 20.2	19.4 N	155.6 W	5	4.7	HAWAII.
5	17 58 31.3	15.8 S	167.4 E	47	5.1	NEW HEBRIDES ISLANDS. FELT AT LUGANVILLE.
5	18 37 47.1	36.4 N	138.1 E	65	4.5	HONSHU, JAPAN. FELT AT MATSUSHIRO.
5	22 34 12.9	38.4 N	21.9 E	15	4.2	GREECE. FELT IN ACHAIA, AETOLIA, AND PHOKIS PROVINCES.
5	23 05 03*	29.6 N	113.9 W	33	4.0	GULF OF CALIFORNIA.
6	01 15 21*	16.4 S	167.4 E	33		NEW HEBRIDES ISLANDS.
6	03 34 45.6	17.3 S	167.5 E	33		NEW HEBRIDES ISLANDS.
6	06 33 45.1	45.2 N	151.5 E	25	3.9	KURILE ISLANDS.
6	07 12 03*	31.5 N	114.4 W	33	4.2	GULF OF CALIFORNIA. MAG. 4.7 (PAS).
6	07 47 08*	32.3 S	178.8 W	33	4.7	SOUTH OF KERMADEC ISLANDS.
6	08 41 05.4	38.8 S	92.4 W	33	4.9	WEST CHILE RISE.
6	09 38 00*	37.2 N	114.2 W	33		SOUTHERN NEVADA.
6	12 31 41.5	37.2 N	114.2 W	33		SOUTHERN NEVADA.
6	12 31 57*	36.7 N	26.6 E	157	4.4	DODECANESE ISLANDS.
6	12 39 08.2	42.1 N	18.9 E	33	4.6	YUGOSLAVIA.
6	16 21 28*	6.6 N	72.8 W	184	4.1	NORTHERN COLOMBIA.
6	16 44 21*	37.1 S	179.4 E	51		OFF E. COAST OF N. ISLAND, N.Z.
6	17 43 21.4	47.6 N	155.3 E	20	4.5	KURILE ISLANDS REGION.
6	19 15 13.0	51.7 N	176.0 E	60	4.5	RAT ISLANDS, ALEUTIAN ISLANDS.
6	20 25 06.3	29.4 S	112.2 W	33	4.8	EASTER ISLAND REGION.
6	20 32 55*	0.5 N	124.4 E	96	4.8	NORTHERN CELEBES.
6	20 50 53.8	3.8 S	127.0 E	15	5.3	CERAM.
6	21 04 32.5	4.9 S	76.8 W	123	4.3	NORTHERN PERU.
6	22 41 04.1	39.5 N	24.9 E	33	4.7	AEGEAN SEA.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
7	00 20 55.9	36.3 N	120.2 W	12	3.7	CENTRAL CALIFORNIA. MAG. 3.4 (PAS), 3.1 (BRK).
7	03 51 57.6	49.9 N	78.0 E	0	4.7	EASTERN KAZAKH SSR.
7	05 53 46*	8.7 S	156.5 E	54	4.7	SOLOMON ISLANDS.
7	05 57 58*	33.4 S	179.8 W	109	4.3	SOUTH OF KERMADEC ISLANDS.
7	07 37 18*	37.3 N	114.2 W	33		SOUTHERN NEVADA.
7	07 38 57*	22.0 S	170.2 E	34		LOYALTY ISLANDS REGION.
7	10 20 46.1	9.3 S	74.6 W	105	4.5	PERU.
7	11 09 37.1	37.3 N	114.2 W	33		SOUTHERN NEVADA.
7	12 07 02*	8.8 S	79.9 W	55	4.2	NEAR COAST OF NORTHERN PERU.
7	14 45 03.5	49.3 N	129.3 W	33	4.3	VANCOUVER ISLAND REGION.
7	14 52 29*	24.2 S	66.8 W	149	4.3	SALTA PROVINCE, ARGENTINA.
7	15 55 11.6	5.1 S	154.7 E	80	5.3	SOLOMON ISLANDS.
7	16 12 34.5	8.4 S	106.7 E	30	5.1	SOUTH OF JAVA.
7	16 19 58.2	37.2 N	138.6 E	18	4.8	NEAR WEST COAST OF HONSHU, JAPAN.
7	16 46 11*	24.2 S	67.2 W	186	3.8	CHILE-ARGENTINA BORDER REGION.
7	18 02 45.1	75.5 N	65.2 W	33	4.3	BAFFIN BAY.
7	20 30 43.8	28.3 S	69.1 W	87	4.3	CHILE-ARGENTINA BORDER REGION.
7	22 54 31*	37.7 S	72.6 W	52	4.2	CENTRAL CHILE.
8	00 05 40.8	22.7 S	68.5 W	120	4.0	NORTHERN CHILE.
8	00 18 46.7	6.9 N	72.9 W	157	4.2	NORTHERN COLOMBIA.
8	02 14 19.8	12.4 S	166.7 E	110	4.5	SANTA CRUZ ISLANDS.
8	05 28 44*	51.2 N	179.2 W	33	4.6	ANDREANOF ISLANDS, ALEUTIAN IS.
8	06 43 14.3	14.7 N	91.5 W	62	3.5	GUATEMALA.
8	08 28 54.3	23.5 S	66.6 W	219	5.2	JUJUY PROVINCE, ARGENTINA.
8	10 37 50.4	3.6 N	126.4 E	127	4.8	TALAUD ISLANDS.
8	12 07 49.7	22.5 S	10.7 W	33	5.3	SOUTH ATLANTIC RIDGE.
8	12 18 14.5	36.5 N	70.4 E	225	4.8	HINDU KUSH REGION.
8	13 24 22.9	31.9 S	68.7 W	122	4.0	SAN JUAN PROVINCE, ARGENTINA.
8	15 28 58*	23.1 N	143.7 E	33	4.5	VOLCANO ISLANDS REGION.
8	16 37 22.1	19.7 S	175.8 W	187	4.2	TONGA ISLANDS.
8	18 06 25*	16.6 N	60.6 W	33		LEEWARD ISLANDS.
8	18 30 53*	51.9 N	173.6 W	33	4.0	ANDREANOF ISLANDS, ALEUTIAN IS.
8	21 15 50.5	2.4 N	128.3 E	71	6.8	HALMAHERA. MAG. 6 3/4-7 (PAS), 7-7.1 (BRK), 6 3/4-7 (PAL).
8	21 17 23.7	21.8 S	176.0 W	95	5.6	FIJI ISLANDS REGION.
8	21 55 39.9	45.4 N	150.5 E	32	5.4	KURILE ISLANDS.
8	22 31 50.7	52.8 N	173.4 E	52	5.0	NEAR ISLANDS, ALEUTIAN ISLANDS. FELT ON ATTU.
8	22 58 23.3	18.0 S	178.4 W	590	4.3	FIJI ISLANDS REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
9	01 02 38.7	10.3 N	62.2 W	42	3.9	NEAR COAST OF VENEZUELA. FELT.
9	04 04 05.0	8.3 S	74.2 W	166	5.0	PERU-BRAZIL BORDER REGION.
9	05 28 07*	16.3 S	71.8 W	139	4.0	SOUTHERN PERU.
9	07 04 15.7	37.3 N	114.2 W	33		SOUTHERN NEVADA. MAG. 4 (BRK).
9	07 14 45*	36.5 N	138.0 E	65	4.4	HONSHU, JAPAN. FELT AT MATSUSHIRO.
9	08 44 19*	19.4 S	168.7 E	33		NEW HEBRIDES ISLANDS.
9	08 56 04*	16.6 N	60.6 W	33		LEEWARD ISLANDS.
9	09 50 31.4	41.4 N	98.6 W	33		NEBRASKA.
9	11 58 04*	44.0 N	10.1 E	33		NORTHERN ITALY. FELT AT LA SPEZIA.
9	12 04 32.1	4.2 S	102.8 E	33	5.3	SOUTHERN SUMATRA.
9	12 24 03.3	61.4 N	146.9 W	33	4.0	SOUTHERN ALASKA.
9	12 34 09.0	19.6 S	173.3 W	40	4.3	TONGA ISLANDS.
9	13 33 42*	15.5 N	61.6 W	153	3.1	LEEWARD ISLANDS.
9	15 14 52.8	20.0 N	104.9 W	33	3.7	JALISCO, MEXICO.
9	15 36 57.3	61.4 N	147.8 W	58	4.4	SOUTHERN ALASKA.
9	17 04 36*	39.0 N	20.9 E	70		GREECE-ALBANIA BORDER REGION.
9	17 43 58*	36.7 N	108.3 W	33		NEW MEXICO.
9	18 20 20.4	45.5 N	150.1 E	100	4.5	KURILE ISLANDS.
9	18 33 50.7	49.2 N	129.5 W	15	4.7	VANCOUVER ISLAND REGION. MAG. 5.2-5.6 (BRK).
9	18 39 57.8	10.8 N	69.5 W	8	5.0	VENEZUELA. MAG. 5.2-5.6 (BRK). 19 INJURED AND MAJOR PROPERTY DAMAGE AT CHURUGURA. FELT AT CARACAS, CORO, AND BARQUISIMETO.
9	20 42 07.5	14.7 N	52.3 E	38	4.9	EASTERN GULF OF ADEN.
9	23 12 13.7	48.8 N	156.3 E	17	4.8	KURILE ISLANDS REGION.
9	23 13 20.1	17.6 S	168.0 E	36	5.0	NEW HEBRIDES ISLANDS. FELT AT PORT VILA.
10	00 00 41.2	48.7 N	156.4 E	26	4.2	KURILE ISLANDS REGION.
10	00 16 59*	49.0 N	155.7 E	43		KURILE ISLANDS.
10	02 27 48.1	46.4 N	144.3 E	346	5.0	SEA OF OKHOTSK.
10	03 04 02.7	37.3 N	114.2 W	33		SOUTHERN NEVADA.
10	04 13 02*	14.5 N	92.9 W	33	3.7	NEAR COAST OF CHIAPAS, MEXICO.
10	06 30 00.5	3.5 N	125.3 E	34	4.9	TALAUD ISLANDS.
10	10 09 55.1	39.5 N	40.9 E	41		TURKEY. FELT IN HINIS REGION.
10	10 18 25*	15.5 S	179.2 W	33	3.9	FIJI ISLANDS REGION.
10	10 55 17.4	36.6 N	26.9 E	146	4.2	DODECANESE ISLANDS.
10	14 04 53*	26.4 S	115.1 W	33	4.5	EASTER ISLAND CORDILLERA.
10	14 12 48.0	31.7 S	72.0 W	33	4.8	OFF COAST OF CENTRAL CHILE. FELT AT SANTIAGO.
10	15 15 58*	33.6 S	70.2 W	182	3.8	CHILE-ARGENTINA BORDER REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
10	16 13 46*	0.0 S	81.0 W	33	4.2	OFF COAST OF ECUADOR.
10	16 27 50.1	30.7 S	71.4 W	45	4.8	NEAR COAST OF CENTRAL CHILE. FELT.
10	17 32 02.9	23.5 S	179.9 E	550	4.9	SOUTH OF FIJI ISLANDS.
10	18 05 26.5	46.9 N	153.1 E	53	4.2	KURILE ISLANDS.
10	20 08 59*	5.1 S	78.6 W	48	4.3	NORTHERN PERU.
10	21 40 19*	27.7 S	70.6 W	42	4.4	NEAR COAST OF NORTHERN CHILE.
10	21 58 46.7	19.3 N	67.9 W	26	4.6	MONA PASSAGE.
11	01 42 10.4	27.9 N	111.1 W	21	4.6	GULF OF CALIFORNIA.
11	03 20 53.2	6.8 N	73.0 W	163	4.7	NORTHERN COLOMBIA.
11	03 49 16.3	58.9 S	25.6 W	58	5.2	SOUTH SANDWICH ISLANDS REGION.
11	06 55 48*	53.5 N	167.3 W	30	4.1	FOX ISLANDS, ALEUTIAN ISLANDS.
11	07 03 18.1	6.2 S	147.3 E	80	5.3	EAST NEW GUINEA REGION.
11	07 55 47*	21.3 S	179.2 W	595	4.4	FIJI ISLANDS REGION.
11	11 05 50*	9.3 S	106.7 E	33	5.1	SOUTH OF JAVA.
11	12 04 51*	22.1 S	169.8 E	32		LOYALTY ISLANDS REGION.
11	13 46 09*	56.5 N	158.2 W	33	4.3	ALASKA PENINSULA.
11	15 55 19.4	27.0 N	95.6 E	27	4.8	BURMA-INDIA BORDER REGION.
11	17 38 03.4	6.8 N	72.9 W	158	5.8	NORTHERN COLOMBIA. MAG. 5-5.4 (BRK). SLIGHT DAMAGE AT BOGOTA. FELT AT BACARAMANGA, CALI, AND MEDELLIN.
11	19 25 24.5	37.6 N	118.5 W	33	4.0	CALIFORNIA-NEVADA BORDER REGION. MAG. 3.5 (BRK).
11	20 36 18.4	39.6 N	120.2 W	33	4.3	NORTHERN CALIFORNIA. MAG. 3.4 (BRK).
11	22 19 07*	17.5 S	177.5 W	368		FIJI ISLANDS REGION.
12	00 42 26.9	15.9 S	167.1 E	71	4.9	NEW HEBRIDES ISLANDS. FELT AT LUGANVILLE.
12	05 44 52.0	11.2 N	69.2 W	33	4.0	NEAR COAST OF VENEZUELA.
12	09 37 39.0	40.2 N	20.3 E	33	4.4	GREECE-ALBANIA BORDER REGION.
12	11 29 35.8	23.0 S	170.6 E	14	5.8	LOYALTY ISLANDS REGION. MAG. 6 1/2-6 3/4 (PAS), 6.4-6.7 (BRK), 6 3/4 (PAL).
12	12 24 22*	23.0 S	170.6 E	33	4.3	LOYALTY ISLANDS REGION.
12	12 40 06.2	23.0 S	170.6 E	33	4.8	LOYALTY ISLANDS REGION.
12	12 53 58*	22.9 S	170.6 E	33		LOYALTY ISLANDS REGION.
12	13 14 13.1	23.1 S	170.6 E	33	4.2	LOYALTY ISLANDS REGION.
12	13 18 16*	22.9 S	170.0 E	33	4.2	LOYALTY ISLANDS REGION.
12	14 02 57*	23.0 S	170.4 E	33	4.4	LOYALTY ISLANDS REGION.
12	14 05 20.7	22.8 S	170.4 E	33	4.9	LOYALTY ISLANDS REGION.
12	14 10 16.3	23.1 S	170.5 E	33	4.1	LOYALTY ISLANDS REGION.
12	15 30 00.054					36°52'32"N. 115°57'02"W. NEVADA TEST SITE. "DERRINGER". SHOT ELEVATION 791.3 METERS (AEC).
12	15 56 38.5	31.8 S	72.0 W	45	4.2	OFF COAST OF CENTRAL CHILE.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
12	16 37 49*	22.7 S	170.2 E	46		LOYALTY ISLANDS REGION.
12	16 41 02.1	39.4 N	120.1 W	11	5.7	NORTHERN CALIFORNIA. MAG. 6.3 (PAS), 6.0 (BRK). DAMAGE AT TRUCKEE AND LOYALTON, CALIFORNIA, AND CARSON CITY AND RENO, NEVADA. FELT AS FAR AS SAN FRANCISCO.
12	16 51 14.9	39.4 N	120.3 W	33		NORTHERN CALIFORNIA. MAG. 4.2-4.6 (BRK).
12	16 53 37.9	39.4 N	120.3 W	25		NORTHERN CALIFORNIA. MAG. 4.3 (BRK).
12	17 02 24*	39.4 N	120.2 W	33		NORTHERN CALIFORNIA. MAG. 3.2-3.6 (BRK).
12	17 16 56.7	39.4 N	120.3 W	7	4.1	NORTHERN CALIFORNIA. MAG. 4.0-4.4 (BRK).
12	17 19 23.7	39.5 N	120.0 W	33		NORTHERN CALIFORNIA. MAG. 4.2 (BRK).
12	17 20 13.3	39.4 N	120.2 W	33	4.8	NORTHERN CALIFORNIA. MAG. 5.3 (PAS), 5.3 (BRK). FELT
12	17 44 41.6	39.4 N	120.1 W	33		NORTHERN CALIFORNIA. MAG. 4.1-4.3 (BRK).
12	17 56 07.5	37.8 N	142.0 E	42	3.8	OFF EAST COAST OF HONSHU, JAPAN.
12	18 02 34.0	39.3 N	120.3 W	33		NORTHERN CALIFORNIA. MAG. 3.5 (BRK).
12	18 42 49.1	39.5 N	120.4 W	33	4.4	NORTHERN CALIFORNIA. MAG. 3.4-3.6 (BRK).
12	18 48 26*	43.7 N	147.7 E	60		KURILE ISLANDS.
13	00 31 32.3	23.0 S	170.4 E	33	4.5	LOYALTY ISLANDS REGION.
13	00 50 43.3	23.0 S	170.6 E	32	4.9	LOYALTY ISLANDS REGION.
13	02 49 41.9	37.3 N	114.2 W	33		SOUTHERN NEVADA.
13	03 12 08.6	82.9 N	31.4 W	33	4.2	NEAR NORTH COAST OF GREENLAND.
13	05 30 18*	59.5 N	149.8 W	33	4.2	KENAI PENINSULA, ALASKA.
13	05 45 44.3	24.2 S	67.2 W	187	4.1	CHILE-ARGENTINA BORDER REGION.
13	06 31 46.1	37.0 N	121.1 W	10		CENTRAL CALIFORNIA. MAG. 2.6 (BRK).
13	07 44 56.6	23.1 S	170.5 E	33	4.4	LOYALTY ISLANDS REGION.
13	08 42 56.6	39.4 N	120.2 W	33		NORTHERN CALIFORNIA. MAG. 3.7 (BRK).
13	09 38 57*	23.1 S	170.6 E	33	4.9	LOYALTY ISLANDS REGION.
13	11 18 19.7	39.2 N	72.9 E	44		KIRGIZ SSR.
13	14 15 18*	21.9 S	66.3 W	215	4.2	SOUTHERN BOLIVIA.
13	20 16 24*	39.5 N	120.3 W	33		NORTHERN CALIFORNIA. MAG. 4.0 (BRK).
13	20 23 50.4	39.1 N	40.7 E	31	4.5	TURKEY.
13	21 00 03.5	39.5 N	120.2 W	33		NORTHERN CALIFORNIA. MAG. 3-3.25 (BRK).
13	21 26 44.9	36.5 N	138.1 E	50	4.6	HONSHU, JAPAN. FELT AT MATSUSHIRO.
13	22 24 04.4	39.4 N	120.2 W	33		NORTHERN CALIFORNIA. MAG. 3.3 (BRK).
13	22 53 57.2	24.0 S	175.4 W	36	5.4	SOUTH OF TONGA ISLANDS.
13	23 45 16.6	9.4 N	126.1 E	72	5.2	MINDANAO, PHILIPPINE ISLANDS.
13	23 46 38.1	53.6 N	35.2 W	33	4.7	NORTH ATLANTIC OCEAN.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
13	23 54 13*	53.8 N	35.2 W	33	4.5	NORTH ATLANTIC OCEAN.
14	00 12 25*	23.1 S	170.7 E	19	4.8	LOYALTY ISLANDS REGION.
14	00 20 59.2	23.1 S	170.6 E	33	4.8	LOYALTY ISLANDS REGION.
14	00 47 05.0	14.5 N	56.4 E	33	5.0	ARABIAN SEA.
14	01 14 24.1	36.4 N	138.0 E	73	4.6	HONSHU, JAPAN. FELT AT MATSUSHIRO.
14	04 57 59*	23.7 S	176.0 W	156	4.3	SOUTH OF FIJI ISLANDS.
14	11 56 35*	37.3 N	114.2 W	33		SOUTHERN NEVADA.
14	14 07 10*	22.8 S	170.7 E	33	4.4	LOYALTY ISLANDS REGION.
14	14 34 41*	61.6 N	146.3 W	33	4.1	SOUTHERN ALASKA.
14	15 45 47*	45.6 N	151.4 E	33		KURILE ISLANDS.
14	16 20 41.4	11.5 S	165.3 E	33	4.1	SANTA CRUZ ISLANDS.
14	18 39 52.4	42.2 N	77.1 E	33		ALMA-ATA REGION.
14	19 10 32*	1.2 S	126.9 E	33		MOLUCCA SEA.
14	19 39 34.7	16.8 N	99.5 W	84	4.2	NEAR COAST OF GUERRERO, MEXICO.
14	20 00 49.1	1.4 S	126.7 E	33	4.9	MOLUCCA SEA.
14	21 03 18.1	25.6 S	177.7 W	160	4.5	SOUTH OF FIJI ISLANDS.
14	22 00 32.7	39.4 N	120.2 W	11	4.3	NORTHERN CALIFORNIA. MAG. 4.4 (PAS), 4.7 (BRK). FELT AT RENO, NEVADA.
14	22 16 00*	39.4 N	120.1 W	33		NORTHERN CALIFORNIA. MAG. 3.5 (BRK).
14	22 40 26.7	39.4 N	120.2 W	4	4.5	NORTHERN CALIFORNIA. MAG. 4.5 (PAS), 4.6 (BRK). FELT AT RENO, NEVADA.
14	23 18 40.8	60.2 S	27.2 W	22	6.3	SOUTH SANDWICH ISLANDS REGION. MAG. 6 3/4 (PAS), 6 3/4 (BRK).
15	00 40 11*	60.6 S	27.8 W	33	5.1	SOUTH SANDWICH ISLANDS REGION.
15	01 46 29.1	60.4 S	26.9 W	33	5.1	SOUTH SANDWICH ISLANDS REGION.
15	02 03 22.6	60.2 S	26.6 W	33	4.9	SOUTH SANDWICH ISLANDS REGION.
15	02 24 52.1	60.3 S	27.1 W	33	5.6	SOUTH SANDWICH ISLANDS REGION.
15	02 53 38.7	60.2 S	26.6 W	33	5.2	SOUTH SANDWICH ISLANDS REGION.
15	03 32 40.7	6.6 S	129.6 E	155	5.3	BANDA SEA.
15	03 41 49.0	60.3 S	26.8 W	33	5.0	SOUTH SANDWICH ISLANDS REGION.
15	03 58 22*	53.5 N	167.3 W	33	4.5	FOX ISLANDS, ALEUTIAN ISLANDS.
15	04 07 05.1	23.6 S	175.8 W	67	5.2	TONGA ISLANDS REGION. MAG. 5.4-5.8 (BRK).
15	06 07 56.3	60.1 S	26.7 W	33	5.3	SOUTH SANDWICH ISLANDS REGION.
15	06 22 07.1	60.2 S	26.8 W	33	5.3	SOUTH SANDWICH ISLANDS REGION.
15	07 46 56*	23.0 S	170.6 E	40	4.3	LOYALTY ISLANDS REGION.
15	07 49 49.5	23.0 S	170.5 E	33	4.3	LOYALTY ISLANDS REGION.
15	07 50 55.3	8.1 S	117.1 E	195	5.3	SUMBAWA ISLAND REGION.
15	10 37 16.0	19.1 N	107.7 W	33	4.5	OFF COAST OF JALISCO, MEXICO.
15	11 50 27.0	34.7 N	24.2 E	35	4.5	CRETE.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
15	11 51 56.4	60.2 S	26.8 W	33	5.6	SOUTH SANDWICH ISLANDS REGION.
15	11 59 57.6	60.2 S	26.4 W	33	5.5	SOUTH SANDWICH ISLANDS REGION. MAG. 6 1/4-6 1/2 (PAS).
15	12 24 53.5	10.1 S	161.0 E	28	4.7	SOLOMON ISLANDS.
15	14 14 19.0	22.8 S	170.6 E	24	4.9	LOYALTY ISLANDS REGION.
15	14 41 37.9	37.3 N	114.3 W	34		SOUTHERN NEVADA.
15	17 10 46.9	22.9 N	121.4 E	46	5.4	TAIWAN REGION.
15	17 24 45.8	22.9 N	121.4 E	47	4.8	TAIWAN REGION.
15	17 48 30.7	38.7 S	73.1 W	63	4.6	NEAR COAST OF CENTRAL CHILE.
15	19 17 35*	20.0 S	69.1 W	131	4.4	NORTHERN CHILE.
15	19 22 48*	35.2 N	26.5 E	51	4.0	CRETE.
15	19 53 44.0	10.9 S	164.2 E	20	4.8	SANTA CRUZ ISLANDS REGION.
15	21 21 02.0	5.1 N	78.1 W	34	4.2	SOUTH OF PANAMA.
15	23 44 43*	26.5 S	69.5 W	51	4.5	NORTHERN CHILE.
16	02 01 59.3	22.8 N	121.3 E	50	5.0	TAIWAN REGION.
16	02 48 21.3	54.0 N	163.4 W	32	5.2	UNIMAK ISLAND REGION.
16	03 52 01.0	5.9 S	146.9 E	87		EAST NEW GUINEA REGION.
16	07 23 44.3	39.5 N	120.1 W	10		NORTHERN CALIFORNIA. MAG. 3.0 (BRK).
16	07 50 42.5	1.9 S	134.1 E	37	5.3	WEST NEW GUINEA REGION.
16	12 28 24.6	5.2 N	82.5 W	32	4.5	SOUTH OF PANAMA.
16	13 02 32.5	23.8 S	175.8 W	68	4.8	TONGA ISLANDS REGION.
16	13 11 55.1	22.9 S	170.5 E	33	4.9	LOYALTY ISLANDS REGION.
16	14 50 33.5	59.7 S	149.4 E	33	4.6	WEST OF MACQUARIE ISLAND.
16	14 52 50.3	14.1 N	91.4 W	61	4.4	GUATEMALA. FELT AT SAN SALVADOR, EL SALVADOR.
16	14 54 32.4	16.2 S	171.5 W	33	4.7	SAMOA ISLANDS REGION.
16	17 05 25.3	18.7 S	169.0 E	213	5.3	NEW HEBRIDES ISLANDS.
16	17 10 37.1	53.8 N	163.1 W	15	4.8	UNIMAK ISLAND REGION.
16	19 39 43*	23.6 S	175.9 W	33	4.3	TONGA ISLANDS REGION.
16	19 59 38.7	39.5 N	120.1 W	38		NORTHERN CALIFORNIA. MAG. 3.5 (BRK).
16	20 16 22.3	49.5 N	156.9 E	59	4.4	KURILE ISLANDS.
16	23 01 03.6	15.6 S	167.9 E	195	4.5	NEW HEBRIDES ISLANDS.
17	00 48 32.4	26.2 S	28.3 E	37		REPUBLIC OF SOUTH AFRICA.
17	01 23 20*	58.7 N	151.6 W	59	4.4	KODIAK ISLAND REGION.
17	03 44 02.2	23.2 S	175.6 W	102	4.8	TONGA ISLANDS REGION.
17	08 40 58.9	36.4 N	70.7 E	204	4.8	HINDU KUSH REGION.
17	10 51 40.8	17.1 S	174.0 W	115	4.5	TONGA ISLANDS.
17	11 14 08.0	3.3 N	127.1 E	95		TALAUD ISLANDS.
17	12 55 23*	5.0 S	77.4 W	87	4.3	NORTHERN PERU.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
17	17 19 01.1	28.5 S	67.5 W	48	4.8	LA RIOJA PROVINCE, ARGENTINA.
17	17 40 06*	45.0 N	151.2 E	32	4.4	KURILE ISLANDS.
17	18 52 25*	18.1 S	178.2 W	605	4.0	FIJI ISLANDS REGION.
17	18 59 53*	4.2 S	142.8 E	116		NEW GUINEA.
17	19 33 57.0	54.1 S	5.3 E	33		BOUVET ISLAND REGION.
17	19 42 52*	40.0 N	41.8 E	33		TURKEY. FELT AT VARTO.
17	20 17 26.8	27.8 S	176.5 W	39	5.1	KERMADEC ISLANDS.
17	21 05 26.4	20.8 S	176.2 W	215	5.0	FIJI ISLANDS REGION.
17	23 02 24.1	28.0 S	176.4 W	56	4.5	KERMADEC ISLANDS.
17	23 16 44.6	9.2 S	115.1 E	60	5.0	SOUTH OF BALI ISLAND.
18	00 35 18.9	37.1 N	140.6 E	85	4.4	HONSHU, JAPAN.
18	01 59 58.4	29.5 N	132.2 E	33	4.7	SOUTHEAST OF SHIKOKU, JAPAN.
18	02 20 32*	40.1 N	29.7 W	33	4.4	AZORES ISLANDS REGION.
18	03 14 40.0	35.7 N	117.9 W	16	3.9	CENTRAL CALIFORNIA. MAG. 3.1 (PAS), 3.6 (BRK).
18	04 27 47.2	4.0 S	33.6 E	33	3.7	TANGANYIKA.
18	05 22 31.4	42.3 N	142.9 E	71	5.1	HOKKAIDO, JAPAN REGION.
18	06 40 37.8	18.4 S	132.8 W	42	5.0	SOUTH PACIFIC OCEAN.
18	09 11 01*	23.2 S	170.3 E	33	4.3	LOYALTY ISLANDS REGION.
18	09 54 16.8	57.6 N	149.9 W	33	4.2	GULF OF ALASKA.
18	10 51 08.9	13.2 N	89.6 W	66	4.1	EL SALVADOR. FELT AT SAN SALVADOR.
18	11 33 18*	15.4 S	76.5 W	34	4.5	OFF COAST OF PERU.
18	11 58 28.4	13.0 N	57.5 E	33	4.7	ARABIAN SEA.
18	12 19 35.0	22.7 N	101.9 E	7	4.9	BURMA-CHINA BORDER REGION.
18	12 54 01*	12.5 S	166.4 E	150	3.5	SANTA CRUZ ISLANDS.
18	14 15 58.9	22.8 N	102.0 E	33	5.3	YUNNAN PROVINCE, CHINA.
18	15 14 25.0	60.4 S	26.9 W	32	5.3	SOUTH SANDWICH ISLANDS REGION.
18	17 58 20.6	60.4 S	27.2 W	41	5.4	SOUTH SANDWICH ISLANDS REGION.
18	19 44 28.5	22.9 N	121.3 E	41	4.9	TAIWAN REGION.
18	20 14 16*	18.9 S	177.7 W	546	4.1	FIJI ISLANDS REGION.
18	20 36 33.9	5.8 N	126.1 E	57	5.0	MINDANAO, PHILIPPINE ISLANDS.
18	20 43 53.8	27.9 N	54.3 E	18	5.9	SOUTHERN IRAN.
18	21 37 03*	41.3 S	87.3 W	33	4.5	WEST CHILE RISE.
19	02 03 38.7	38.5 N	42.7 E	34	4.9	TURKEY.
19	02 45 24.5	39.6 N	120.2 W	33		NORTHERN CALIFORNIA. MAG. 3.1 (BRK).
19	03 36 53.7	23.3 S	170.5 E	33	4.9	LOYALTY ISLANDS REGION.
19	03 49 55*	60.3 N	145.9 W	33	3.9	SOUTHERN ALASKA.
19	04 24 05.8	47.8 N	153.8 E	81	5.2	KURILE ISLANDS.
19	04 53 09.7	30.0 N	138.4 E	451	4.8	SOUTH OF HONSHU, JAPAN.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
19	05 03 50.1	24.0 N	97.7 E	33	4.9	BURMA-CHINA BORDER REGION.
19	06 06 36.8	3.6 S	144.2 E	17	5.2	NEAR NORTH COAST OF NEW GUINEA.
19	06 18 30*	39.6 N	28.4 E	33		TURKEY.
19	07 02 13.2	20.8 S	178.4 W	590	5.3	FIJI ISLANDS REGION.
19	08 15 53.2	49.0 N	156.4 E	42	4.1	KURILE ISLANDS.
19	10 06 42.5	45.9 N	111.2 W	7	4.0	MONTANA. FELT IN BOZEMAN, LIVINGSTON, AND MANHATTEN AREAS.
19	18 46 59.6	60.6 S	27.0 W	33	5.0	SOUTH SANDWICH ISLANDS REGION.
19	19 21 58.0	10.0 S	160.4 E	73	4.8	SOLOMON ISLANDS.
19	21 16 07.6	22.9 S	170.7 E	33	4.7	LOYALTY ISLANDS REGION.
20	00 06 11.7	35.6 S	104.7 W	33	4.4	SOUTHERN PACIFIC OCEAN.
20	00 26 19.0	55.8 S	27.8 W	33	4.5	SOUTH SANDWICH ISLANDS REGION.
20	02 34 13*	37.4 N	114.2 W	33		SOUTHERN NEVADA.
20	03 53 34*	13.1 N	88.2 W	81	4.0	EL SALVADOR.
20	04 14 54.8	37.5 N	121.5 W	3		CENTRAL CALIFORNIA. MAG. 3.0 (BRK). HYPOCENTER BY BERKELEY.
20	05 39 56*	0.5 N	28.0 W	33	4.4	CENTRAL MID-ATLANTIC RIDGE.
20	06 13 52.1	52.4 N	173.4 E	35	4.6	NEAR ISLANDS, ALEUTIAN ISLANDS.
20	06 38 00.1	17.2 S	172.7 W	35	4.6	TONGA ISLANDS REGION.
20	08 35 56.7	19.9 S	168.3 E	10	4.4	NEW HEBRIDES ISLANDS.
20	09 24 03.7	60.5 S	26.3 W	33	5.4	SOUTH SANDWICH ISLANDS REGION.
20	09 28 34.6	37.3 N	114.2 W	33		SOUTHERN NEVADA.
20	09 51 08*	13.8 N	89.0 W	8	4.4	EL SALVADOR. FELT AT SAN SALVADOR.
20	10 39 25*	44.4 N	150.5 E	33		KURILE ISLANDS REGION.
20	11 49 36*	5.9 S	145.7 E	102		EAST NEW GUINEA REGION.
20	14 32 43.2	15.2 S	75.5 W	34	4.8	NEAR COAST OF PERU.
20	17 32 07.7	28.0 S	176.6 W	75	5.0	KERMADEC ISLANDS.
20	18 11 56.0	27.9 S	176.4 W	71	4.5	KERMADEC ISLANDS.
20	20 32 40.9	44.8 N	150.3 E	35	4.7	KURILE ISLANDS REGION.
20	21 23 32*	49.9 N	128.8 W	33	3.7	VANCOUVER ISLAND REGION.
20	23 06 39*	73.4 N	7.7 E	33	4.3	GREENLAND SEA.
20	23 18 20.1	15.4 S	173.0 W	85	4.5	TONGA ISLANDS.
20	23 37 20.0	24.2 N	97.7 E	15	5.1	BURMA-CHINA BORDER REGION.
20	23 43 13*	51.1 N	178.8 E	28	4.5	RAT ISLANDS, ALEUTIAN ISLANDS.
21	00 26 29*	73.2 N	7.0 E	33	4.2	GREENLAND SEA.
21	07 35 43*	4.6 S	105.4 W	33	4.1	NORTHERN EASTER I. CORDILLERA.
21	08 31 28*	39.5 N	120.1 W	33		NORTHERN CALIFORNIA. MAG. 3.1 (BRK).
21	10 49 00.8	16.7 S	167.3 E	18	4.6	NEW HEBRIDES ISLANDS.
21	13 58 40*	15.9 S	168.2 E	229		NEW HEBRIDES ISLANDS.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
21	17 53 49*	25.1 N	125.2 E	33	4.3	SOUTHWESTERN RYUKYU ISLANDS.
22	00 04 29.5	52.7 N	159.5 E	71	4.9	OFF EAST COAST OF KAMCHATKA.
22	04 15 30.6	37.3 N	138.6 E	52	4.8	NEAR WEST COAST OF HONSHU, JAPAN.
22	04 51 12.8	37.4 N	71.7 E	140	4.7	AFGHANISTAN-USSR BORDER REGION.
22	06 08 59.3	16.6 N	46.7 W	31	4.5	NORTH ATLANTIC RIDGE.
22	07 01 28.8	39.4 N	120.3 W	33	4.3	NORTHERN CALIFORNIA. MAG. 4.5 (BRK).
22	08 44 18.1	39.5 N	120.4 W	33		NORTHERN CALIFORNIA. MAG. 3.5 (BRK).
22	11 39 31.0	37.3 N	114.1 W	33		SOUTHERN NEVADA.
22	12 15 21.7	18.7 S	169.4 E	233	4.1	NEW HEBRIDES ISLANDS.
22	13 34 17*	12.3 S	166.9 E	282	4.6	SANTA CRUZ ISLANDS.
22	13 51 26*	3.5 N	126.7 E	85	5.0	TALAUD ISLANDS.
22	18 20 46.0	29.4 N	142.0 E	44	4.7	SOUTH OF HONSHU, JAPAN.
22	18 56 41.0	37.3 N	114.2 W	33	4.5	SOUTHERN NEVADA. MAG. 5 1/4 (PAS).
22	18 57 36.5	37.4 N	114.2 W	33	5.3	SOUTHERN NEVADA. MAG. 5 1/2 (PAS), 5 3/4 (BRK). FELT IN SOUTHEASTERN NEVADA AND SOUTHWESTERN UTAH.
22	19 09 15.9	37.4 N	114.2 W	33		SOUTHERN NEVADA. MAG. 4 1/4 (PAS), 4.0 (BRK).
22	19 25 30*	37.2 N	114.2 W	33		SOUTHERN NEVADA.
22	19 59 39.8	37.3 N	114.2 W	33	4.4	SOUTHERN NEVADA. MAG. 4 1/2 (PAS), 4.7 (BRK).
22	20 14 41.0	39.8 N	23.9 E	43	4.6	AEGEAN SEA.
22	21 35 12.9	17.0 S	172.8 W	33	4.4	TONGA ISLANDS REGION.
22	21 54 14.4	26.2 N	104.5 E	22	5.1	EASTERN CHINA.
22	22 01 55*	37.3 N	114.1 W	33		SOUTHERN NEVADA.
22	22 45 10.9	39.4 N	120.4 W	33	3.8	NORTHERN CALIFORNIA. MAG. 3.7 (BRK).
23	00 13 51*	37.2 N	114.1 W	33		SOUTHERN NEVADA.
23	01 29 46.6	44.7 N	150.4 E	28	5.3	KURILE ISLANDS REGION.
23	02 07 01.7	52.9 N	159.8 E	58	4.7	OFF EAST COAST OF KAMCHATKA.
23	04 45 18*	37.5 N	135.2 E	336	4.0	SEA OF JAPAN.
23	04 51 47.5	9.0 S	157.9 E	30	4.9	SOLOMON ISLANDS.
23	07 36 43.0	34.8 N	23.4 E	19		CRETE.
23	08 44 52*	37.2 N	114.1 W	33		SOUTHERN NEVADA.
23	09 02 06.1	11.1 S	166.4 E	24	4.1	SANTA CRUZ ISLANDS.
23	11 56 09.4	37.3 N	114.1 W	33	4.5	SOUTHERN NEVADA. MAG. 4 1/2 (PAS), 4.6 (BRK).
23	16 56 57.5	22.9 S	170.7 E	33	4.1	LOYALTY ISLANDS REGION.
23	18 00 00.039					37°01′15″N. 116°02′11″W. NEVADA TEST SITE. "DAIQUIRI". SHOT ELEVATION 723.6METERS (AEC).
23	18 25 52.8	59.6 S	26.3 W	33	5.5	SOUTH SANDWICH ISLANDS REGION.
23	19 01 55*	12.9 N	89.5 W	65	4.4	OFF COAST OF CENTRAL AMERICA.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
23	20 27 02.9	10.6 S	166.3 E	43	4.7	SANTA CRUZ ISLANDS.
23	20 40 53.1	34.3 N	26.7 E	37		CRETE.
23	21 50 25.2	51.6 N	177.2 W	50	4.4	ANDREANOF ISLANDS, ALEUTIAN IS.
23	23 47 58.2	38.7 N	21.6 E	33	4.5	GREECE. FELT IN AETOLIA PROVINCE.
24	00 23 40.1	16.9 N	97.5 W	66	3.5	OAXACA, MEXICO.
24	01 17 24*	19.4 S	69.6 W	130	4.0	NORTHERN CHILE.
24	03 09 39.5	34.5 N	26.9 E	39		CRETE.
24	04 26 18*	44.8 N	150.0 E	55	4.0	KURILE ISLANDS REGION.
24	05 35 54.7	31.8 S	68.4 W	123	3.9	SAN JUAN PROVINCE, ARGENTINA.
24	07 33 46.4	36.5 N	105.0 W	18	3.8	NEW MEXICO.
24	08 27 10*	36.5 N	105.0 W	33	3.4	NEW MEXICO.
24	08 57 10.2	12.0 N	130.8 W	33	5.2	NORTH PACIFIC OCEAN.
24	10 00 46.5	27.4 N	54.6 E	38	5.3	SOUTHERN IRAN.
24	16 16 48.2	30.8 S	71.4 W	76	4.2	NEAR COAST OF CENTRAL CHILE.
24	16 48 30.7	22.4 S	171.7 E	115	5.2	LOYALTY ISLANDS REGION.
24	19 56 57.2	9.9 N	63.0 W	69	3.7	VENEZUELA.
24	20 21 17.7	38.2 N	22.1 E	66	4.2	GREECE. FELT AT KALITHEA.
25	01 23 33.9	24.6 N	94.8 E	76	4.2	BURMA-INDIA BORDER REGION.
25	04 49 35.5	19.1 N	145.8 E	119	5.3	MARIANA ISLANDS.
25	05 57 26.2	19.7 S	69.5 W	125	5.1	NORTHERN CHILE.
25	06 02 28.4	18.3 N	100.8 W	79	5.5	GUERRERO, MEXICO. MAG. 5 1/2 (PAS), 4.7-5.1 (BRK), 4 3/4 (PAL). SLIGHT DAMAGE AT CIUDAD ALTAMIRANO.
25	06 10 35.9	39.8 N	142.9 E	69	4.8	NEAR EAST COAST OF HONSHU, JAPAN.
25	06 33 18.6	21.4 S	170.3 E	180	4.7	LOYALTY ISLANDS REGION.
25	08 36 19.4	22.9 S	170.5 E	33	4.9	LOYALTY ISLANDS REGION.
25	08 45 58*	26.5 S	179.3 E	480	3.9	SOUTH OF FIJI ISLANDS.
25	08 46 44*	37.4 S	177.5 E	191		OFF E. COAST OF N. ISLAND, N.Z.
25	10 10 41*	36.4 N	105.1 W	20	3.8	NEW MEXICO.
25	10 26 04*	17.9 S	178.6 W	618	4.0	FIJI ISLANDS REGION.
25	10 49 57.8	18.1 N	100.5 W	104	3.9	GUERRERO, MEXICO. FELT AT CIUDAD ALTIMIRANO.
25	12 22 40.5	36.5 N	105.1 W	20	3.6	NEW MEXICO.
25	13 05 40.5	39.5 N	122.1 W	13	3.5	NORTHERN CALIFORNIA. MAG. 2.8 (BRK).
25	14 02 45.9	39.3 N	72.2 E	45	4.6	KIRGIZ SSR.
25	19 27 55*	37.2 N	114.1 W	33		SOUTHERN NEVADA.
25	20 19 45.0	53.1 N	159.7 E	67	5.1	NEAR EAST COAST OF KAMCHATKA. FELT AT PETROPAVLOVSK.
25	23 49 03.2	35.6 N	140.3 E	89	4.9	NEAR EAST COAST OF HONSHU, JAPAN.
26	03 35 54.4	40.4 S	174.6 E	16		COOK STRAIT, NEW ZEALAND.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
26	04 17 02*	37.4 N	114.2 W	33		SOUTHERN NEVADA.
26	04 22 51.8	22.3 N	117.9 E	20	5.0	TAIWAN REGION. FELT AT HONG KONG.
26	05 10 56.0	27.5 N	92.6 E	19	5.5	INDIA-CHINA BORDER REGION.
26	06 03 48*	27.5 N	92.7 E	33	4.2	INDIA-CHINA BORDER REGION.
26	06 10 04.5	16.1 S	175.5 W	108	4.7	TONGA ISLANDS.
26	06 56 13.5	53.2 N	166.3 W	42	3.8	FOX ISLANDS, ALEUTIAN ISLANDS.
26	07 13 11.0	37.3 N	114.1 W	33		SOUTHERN NEVADA. MAG. 3.9 (BRK).
26	09 27 29*	36.7 N	20.4 E	101		MEDITERRANEAN SEA.
26	11 29 21.1	36.5 N	70.2 E	238		HINDU KUSH REGION.
26	11 56 51*	5.9 S	150.3 E	33		NEW BRITAIN REGION.
26	13 40 54.0	37.3 N	114.2 W	33		SOUTHERN NEVADA.
26	14 47 45*	3.7 S	103.9 W	33	4.4	NORTHERN EASTER I. CORDILLERA.
26	19 03 24.0	36.2 N	138.2 E	68	4.2	HONSHU, JAPAN. FELT AT MATSUSHIRO.
26	19 40 33.0	15.3 N	96.3 E	33	4.8	SOUTH BURMA.
26	21 20 33*	15.4 N	121.5 E	45	4.3	LUZON, PHILIPPINE ISLANDS.
27	03 19 57.5	13.8 N	146.5 E	57	5.0	SOUTH OF MARIANA ISLANDS.
27	04 01 35.5	54.1 S	7.2 E	33	5.2	BOUVET ISLAND REGION.
27	05 49 03*	5.9 S	151.0 E	58		NEW BRITAIN REGION. FELT AT RABAUL.
27	06 34 35.6	16.7 N	60.7 W	42	4.7	LEEWARD ISLANDS.
27	07 51 35*	16.8 N	60.4 W	33		LEEWARD ISLANDS.
27	07 55 09.2	16.7 N	60.7 W	41	3.8	LEEWARD ISLANDS.
27	08 29 44.4	37.3 N	114.2 W	33		SOUTHERN NEVADA. MAG. 4.2 (BRK).
27	08 41 47.1	16.7 N	60.8 W	33		LEEWARD ISLANDS.
27	09 06 33.8	20.7 S	178.7 W	600	4.5	FIJI ISLANDS REGION.
27	10 54 52.3	36.9 N	24.0 E	35	4.5	SOUTHERN GREECE.
27	11 36 13.4	16.8 N	60.4 W	33	4.0	LEEWARD ISLANDS.
27	12 21 43*	10.6 N	69.7 W	33	4.1	VENEZUELA.
27	14 11 00*	30.1 S	71.2 W	59	4.2	NEAR COAST OF CENTRAL CHILE. FELT AT LA SERENA.
27	15 06 49*	76.3 N	10.3 E	33	4.5	SVALBARD REGION.
27	15 24 04*	18.4 S	68.5 W	215	3.9	CHILE-BOLIVIA BORDER REGION.
27	17 34 39.1	12.6 N	143.0 E	47	4.7	SOUTH OF MARIANA ISLANDS.
27	18 12 37.1	39.6 N	120.2 W	33		NORTHERN CALIFORNIA. MAG. 3.2 (BRK).
27	18 41 43.5	2.5 N	128.3 E	106	5.2	HALMAHERA.
27	19 15 27*	5.1 S	151.9 E	71	5.0	NEW BRITAIN REGION.
27	19 22 45.5	14.7 N	93.7 E	58	5.1	ANDAMAN ISLANDS REGION.
28	00 48 11.4	44.2 N	149.4 E	32	3.9	KURILE ISLANDS.
28	02 31 20*	42.8 S	83.7 W	33	4.4	WEST CHILE RISE.
28	03 00 06*	44.4 N	147.7 E	94	3.6	KURILE ISLANDS.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
28	04 55 49.1	39.4 N	120.2 W	33	4.1	NORTHERN CALIFORNIA. MAG. 3.9 (BRK).
28	06 38 34.3	39.6 N	120.1 W	33		NORTHERN CALIFORNIA. MAG. 3.7 (BRK).
28	07 39 35*	39.6 N	120.2 W	33	3.8	NORTHERN CALIFORNIA. MAG. 3.3 (BRK).
28	09 22 19.4	43.5 N	148.2 E	33	4.0	KURILE ISLANDS REGION.
28	11 49 42*	15.5 S	178.6 W	407	4.3	FIJI ISLANDS REGION.
28	12 50 27*	30.4 N	113.9 W	33	4.0	GULF OF CALIFORNIA.
28	14 00 22.3	27.5 N	100.1 E	27	6.1	YUNNAN PROVINCE, CHINA.
28	16 37 50.7	39.5 N	120.2 W	33	4.4	NORTHERN CALIFORNIA. MAG. 3.6 (BRK).
28	16 55 57.2	27.4 N	100.1 E	6	4.7	YUNNAN PROVINCE, CHINA.
28	20 14 17.8	39.8 N	77.5 E	37	4.6	SOUTHERN SINKIANG PROV., CHINA.
28	20 41 50*	14.3 S	167.7 E	113		NEW HEBRIDES ISLANDS.
28	21 39 17*	44.6 N	149.4 E	40	3.7	KURILE ISLANDS.
28	23 34 15.7	31.3 S	68.9 W	104	4.1	SAN JUAN PROVINCE, ARGENTINA.
28	23 50 02*	27.3 N	100.1 E	33	4.9	YUNNAN PROVINCE, CHINA.
29	01 15 44*	37.3 N	114.3 W	33		SOUTHERN NEVADA.
29	02 44 19.2	19.9 S	176.3 W	246	5.0	FIJI ISLANDS REGION.
29	04 37 49*	51.2 N	179.0 W	44	4.8	ANDREANOF ISLANDS, ALEUTIAN IS.
29	05 27 44*	19.9 S	176.5 W	318	3.7	FIJI ISLANDS REGION.
29	08 12 17.7	44.1 N	151.4 E	33	4.3	KURILE ISLANDS REGION.
29	08 32 18*	37.2 S	77.8 E	33		MID-INDIAN RISE.
29	10 38 41*	31.6 S	68.1 W	117	3.8	SAN JUAN PROVINCE, ARGENTINA.
29	14 45 30.085					37°10′07″N. 116°02′46″W. NEVADA TEST SITE. "NEWARK". SHOT ELEVATION 1077.2 METERS (AEC).
29	14 54 46.6	8.6 S	110.5 E	33	5.2	JAVA.
29	15 01 53.6	20.8 N	146.1 E	46	4.8	MARIANA ISLANDS REGION.
29	16 42 52*	33.6 S	68.5 W	45	3.9	MENDOZA PROVINCE, ARGENTINA.
29	17 13 22*	18.5 S	69.8 W	113		NORTHERN CHILE.
29	17 43 51.6	19.1 N	121.1 E	78	4.7	PHILIPPINE ISLANDS REGION. FELT.
29	17 44 33.5	27.8 N	54.3 E	20	5.1	SOUTHERN IRAN. MINOR DAMAGE AT LAR.
29	20 11 45.9	39.6 N	120.1 W	33		NORTHERN CALIFORNIA. MAG. 3.3-3.6 (BRK).
29	22 07 44*	37.4 N	114.2 W	31		SOUTHERN NEVADA.
29	23 00 23*	50.5 S	72.4 W	52	4.7	S. CHILE-ARGENTINA BORDER REGION.
30	00 10 25.2	44.8 S	15.4 W	33	5.0	SOUTH ATLANTIC RIDGE.
30	05 59 52.8	38.8 N	64.5 E	33	5.1	TURKMEN SSR.
30	07 03 22.7	15.4 N	94.1 W	49	4.5	NEAR COAST OF OAXACA, MEXICO.
30	08 14 37.6	37.3 N	114.2 W	33		SOUTHERN NEVADA.
30	08 20 01.1	37.4 N	114.4 W	33		SOUTHERN NEVADA.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
SEP	H M S	DEG	DEG	KM		
30	09 29 11.7	18.2 S	69.6 W	122	5.1	NORTHERN CHILE. FELT AT AREQUIPA, PERU.
30	15 02 17.8	17.4 S	172.5 W	33	4.8	TONGA ISLANDS REGION.
30	15 29 53.1	17.9 S	178.6 W	631	4.0	FIJI ISLANDS REGION.
30	18 19 36*	37.4 N	114.2 W	33		SOUTHERN NEVADA. MAG. 4.0 (BRK).
30	19 24 10*	17.8 S	168.4 E	109		NEW HEBRIDES ISLANDS.
30	19 41 32*	45.1 N	151.7 E	33	4.1	KURILE ISLANDS.
30	19 43 32*	45.0 N	151.4 E	16		KURILE ISLANDS.

Date and Station	Phase (GCT)
	h m s
SEP 1	
ALQ E(P)	00 03 38.2
SEP 1	
EUR EP	00 11 33.2
SEP 1	
ALQ IP	00 48 44.5
I	48 58.0
SEP 1	
H-01 38 32.8	
71.7N 002.8W	
h ABOUT 33KM	
COL EP	01 46 21.2
NEW EP	01 47 39.0
BMO EP	01 48 01.2
EUR IP	01 48 36.0
ALQ EP	01 48 47.3
SEP 1	
ADK EP	01 54 12.2
SEP 1	
ADK IP	02 05 02.5
IS	05 26.5
BMO E(P)	02 11 38.2
EUR EP	02 12 46.1
SEP 1	
EUR E(P)	02 30 22.3
SEP 1	
SJG EP	02 59 22.2
IS	59 41.0
SEP 1	
H-03 00 20.7	
71.7N 002.7W	
h ABOUT 33KM	
BMO E(P)	03 09 49.5
SEP 1	
H-03 31 34.8	
16.3S 176.0W	
h ABOUT 351KM	
EUR EP	03 43 00.5
COL IP	03 43 25.0
SEP 1	
ADK EP	04 14 19.7
SEP 1	
ADK EP	04 28 44.2
SEP 1	
FGU EP	05 26 31.2
IS	26 59.3
IL	27 00.8
SEP 1	
BMO E(P)	08 06 24.0

Date and Station	Phase (GCT)
	h m s
SEP 1	
BMO EP	08 29 17.9
SEP 1	
H-08 57 13.7	
.5S 134.4E	
h ABOUT 60KM	
GUA E(P)	09 01 16.0
COL IP	09 09 43.0
BMO EP	09 11 07.8
SJG EP'	09 17 18.4
SEP 1	
BCN EP	09 28 57.5
EL	28 16.1
GCA EP	09 29 07.6
EUR EP	09 29 12.1
E(S)	29 49.3
SEP 1	
H-11 13 25.7	
52.7N 171.6W	
h ABOUT 33KM	
ADK EP	11 14 14.5
IS	14 53.3
NEW EP	11 20 11.0
EUR IP	11 20 57.9
SEP 1	
ADK EP	11 34 17.5
ES	34 40.0
SEP 1	
H-12 35 32.9	
38.1N 022.7E	
h ABOUT 33KM	
BOZ E(P)	12 48 13.5
NEW EP	12 48 16.0
BMO EP	12 48 28.7
SEP 1	
BOZ EP	12 39 32.0
EL	39 45.0
SEP 1	
COL EP	12 50 21.0
SEP 1	
COL EP	13 14 04.6
E	14 50.3
SEP 1	
H-14 11 26.5	
50.6N 129.4W	
h ABOUT 41KM	
NEW EP	14 13 27.0
BMO IPN	14 13 49.0
HHM EP	14 13 54.7
EL	17 00.7

Date and Station	Phase (GCT)
	h m s
BUT E(P)	14 14 17.3
BOZ EP	14 14 29.0
EUR IP	14 14 53.2
COL IP	14 15 26.1
TUC EP	14 16 28.0
ALQ IP	14 16 28.0
SEP 1	
H-14 16 14.1	
31.8N 142.4E	
h ABOUT 39KM	
GUA EP	14 20 27.0
ES	23 56.0
ESCS	32 12.0
COL IP	14 25 29.9
NEW IP	14 27 43.9
BMO IP	14 27 52.8
HHM IP	14 27 54.7
SLD IP	14 28 00.2
BUT EP	14 28 05.8
BOZ IP D	14 28 10.0
EUR IP	14 28 13.2
BCN EP	14 28 27.3
TUC EP	14 28 51.3
ALQ EP	14 28 58.9
EPP	29 11.1
SEP 1	
H-14 22 58.6	
37.5N 022.1E	
h ABOUT 28KM	
COL EP	14 34 54.0
SJG EP	14 34 56.8
HHM IP	14 35 38.7
NEW IP	14 35 44.5
BUT EP	14 35 44.8
BOZ IP D	14 35 45.0
I	35 55.0
BMO IP	14 35 57.7
ALQ EP	14 36 14.0
E	36 20.0
EUR EP	14 36 18.0
EPP	36 26.9
EPP	40 55.5
BCN EP	14 36 28.0

Date and Station	Phase (GCT)
	h m s
SEP 1	
H-14 25 48.8	
7.6S 117.3E	
h ABOUT 281	
EUR EP'	14 44 12.7
BOZ EP'	14 44 14.0
SEP 1	
H-15 24 59.6	
20.6S 175.3W	
h ABOUT 33KM	
TUC EP	15 37 14.5
E	37 21.0
EUR IP	15 37 15.5
BMO IP	15 37 27.4
ALQ EP	15 37 36.5
COL IP	15 37 45.5
BOZ IP	15 37 46.0
SEP 1	
H-16 19 09.6	
00.5N 024.9W	
h ABOUT 33KM	
BMO EP	16 32 14.1
SEP 1	
ADK IP	16 27 00.4
SEP 1	
SLD EP	17 10 18.4
IL	10 32.1
SEP 1	
BOZ IP	17 15 09.5
IL	15 18.5
SEP 1	
EUR EP	17 49 00.8
SEP 1	
BOZ IP	18 00 49.5
IL	01 01.5
SEP 1	
ADK EP	18 47 18.0
SEP 1	
EUR E(P)	19 04 37.5
SEP 1	
H-19 18 01.6	
71.6N 002.9W	
h ABOUT 33KM	
COL E(P)	19 25 48.7
NEW EP	19 27 07.0
BMO EP	19 27 30.2
EUR IP	19 28 05.0
ALQ IP	19 28 15.0

Date and Station	Phase	Phase (GCT) h m s
SEP 1		
SJG	IP	19 57 25.5
	IS	57 48.5
SEP 1		
H-20 06 53.8		
4.3S 146.3E		
h ABOUT 87KM		
BMO	EP	20 20 20.3
SEP 1		
ALQ	IP	20 15 32.0
	I	16 06.5
GCA	IP	20 15 37.1
EUR	E(P)	20 16 47.5
SEP 1		
H-21 09 41.0		
58.3N 032.5W		
h ABOUT 33KM		
COL	IP	21 18 16.6
BMO	EP	21 18 39.3
SEP 1		
EUR	EP	21 16 06.8
SEP 1		
H-21 27 38.6		
58.3N 032.6W		
h ABOUT 33KM		
BOZ	EP	21 36 11.7
	E	39 40.5
COL	EP	21 36 14.0
BMO	EP	21 36 37.0
EUR	EP	21 37 03.2
SEP 1		
H-21 31 06.0		
58.1N 032.4W		
h ABOUT 33KM		
COL	EP	21 39 41.9
EUR	E(P)	21 40 31.2
SEP 1		
ADK	EP	21 44 10.9
SEP 1		
COL	IP C	21 55 43.7
	IL	55 48.0
SEP 1		
ALQ	IP	22 04 29.4
	I	05 05.5
SEP 1		
ALQ	IP	22 13 21.2
	I	13 51.0
SEP 1		
COL	EP	23 13 49.0
SEP 1		
H-23 19 08.1		
61.7N 149.7W		
h ABOUT 63KM		
COL	EP	23 19 58.8
	I	19 59.3
	I	20 20.7
	IL	20 50.0
SIT	E(P)	23 21 09.5
ADK	IP	23 23 12.0
NEW	IP	23 24 06.7
	IpP	24 20.0
HHM	IP D	23 24 19.2
BMO	EP	23 24 30.1
BUT	EP	23 24 37.8
BOZ	IP D	23 24 46.2
	I	25 03.5
	IPCP	28 06.5
EUR	IP D	23 25 15.6
	EpP	26 32.7
	IPCP	28 14.1
	E	28 38.9
	ESCP	31 51.9
SLD	IP	23 25 17.0
	IpP	25 34.9
	IPCP	28 14.9
SLC	EP	23 25 21.1
	EpP	25 38.4
ALQ	IP	23 26 23.4
	IPCP	28 36.5
TUC	EP	23 26 27.0
	EPCP	28 38.4
WSC	IP C	23 27 46.2
SEP 1		
SJG	IP	23 25 17.0
	IS	25 41.5
SEP 2		
H-00 54 44.9		
51.2N 178.0E		
h ABOUT 37KM		
ADK	IP	00 55 37.0
	IL	56 33.9
COL	EP	00 59 41.1
	I	59 57.3
	E(S)	03 24.0
NEW	EP	01 02 24.0
	I	02 37.0
	EPCP	04 35.0
BMO	EP	01 02 38.1
HHM	EP	01 02 39.2
BOZ	IP	01 03 00.0
EUR	EP C	01 03 09.8
	I	03 21.6
TUC	EP	01 04 08.7
	E	04 21.0
ALQ	IP	01 04 15.5
SJG	EP	01 07 48.0
SEP 2		
COL	EP	01 32 22.0
SEP 2		
H-01 58 29.4		
46.8N 153.1E		
h ABOUT 50KM		
COL	IP	02 05 28.2
	I	05 40.6
NEW	EP	02 08 13.0
BMO	E(P)	02 08 26.5
BOZ	E(P)	02 08 44.0
EUR	EP	02 08 54.2
	IpP	09 07.9
TUC	E(P)	02 09 53.6
ALQ	E(P)	02 09 54.0
	E	10 03.2
SEP 2		
ADK	EP	02 36 37.3
	ES	37 20.0
SEP 2		
ADK	EP	03 36 21.0
	ES	37 06.0
SEP 2		
ALQ	E(P)	03 53 00.0
	EL	53 49.5
SEP 2		
GUA	IP	04 31 47.0
	ES	32 50.0
SEP 2		
H-05 03 04.7		
23.3N 107.8W		
h ABOUT 33KM		
TUC	E(P)	05 05 15.0
ALQ	IP	05 05 52.5
	IL	09 22.0
EUR	IP	05 07 09.3
BOZ	E(P)	05 08 03.0
BMO	EP	05 08 03.7
SEP 2		
ADK	EP	05 03 11.7
SEP 2		
ADK	EP	05 34 28.5
	ES	35 14.0
SEP 2		
CSC	EP	05 47 08.0
SEP 2		
H-06 55 10.8		
23.1S 114.9W		
h ABOUT 33KM		
TUC	EP	07 04 43.0
ALQ	IP	07 05 05.0
EUR	IP	07 05 32.8
BMO	EP	07 06 07.2
NEW	EP	07 06 29.0
SEP 2		
ADK	EP	07 13 54.0
SEP 2		
ADK	EP	07 47 11.5
	ES	47 40.3
SEP 2		
H-07 59 05.2		
04.5S 106.1W		
h ABOUT 33KM		
BHP	IP	08 05 09.0
	IS	10 10.0
TUC	EP	08 06 12.4
	ES	11 54.0
ALQ	IP	08 06 32.5
	I	06 42.5
GCA	EP	08 06 53.5
SLD	EP	08 07 09.7
EUR	IP	08 07 19.0
	IPCP	09 01.4
SJG	EP	08 07 20.4
	EPP	09 04.0
	IS	14 04.0
CSC	EP	08 07 20.5
SLC	EP	08 07 23.4
	E	07 30.6
	ES	14 22.0
BMO	EP	08 07 58.7
BOZ	IP D	08 08 00.0
	E(S)	15 16.0
BUT	EP	08 08 03.3
	E(S)	15 01.8
WSC	E(P)	08 08 07.0
HHM	IP	08 08 21.7
	ES	15 54.7
NEW	EP	08 08 25.0
HON	EP	08 08 48.0
	ES	16 57.0

Date and Station	Phase (GCT)
	h m s
COL EP	08 10 47.0
ES	20 34.0
EL	35 08.0
ADK EP	08 11 23.0
SEP 2	
GUA E(P)	08 44 07.0
SEP 2	
ADK EP	08 48 12.2
SEP 2	
H-08 50 55.9	
49.3N 129.8W	
h ABOUT 33KM	
BMO E(P)	08 53 11.3
BOZ EP	08 53 57.3
EUR IP	08 54 14.2
COL E(P)	08 55 09.0
SEP 2	
H-09 09 02.6	
13.6N 144.2E	
h ABOUT 93KM	
GUA IP	09 09 20.0
IS	09 30.0
ADK EP	09 17 44.5
COL EP	09 19 55.6
E	20 07.2
NEW IP	09 21 34.5
BMO EP	09 21 36.1
HHM EP	09 21 42.2
EUR EP	09 21 48.1
BOZ EP	09 21 52.5
TUC E(P)	09 22 17.5
SEP 2	
EUR EP	09 29 54.0
SEP 2	
EUR EP	09 50 07.8
SEP 2	
H-10 15 17.8	
3.2S 139.8E	
h ABOUT 42KM	
ADK EP	10 26 01.7
COL IP	10 27 52.0
BMO E(P)	10 29 06.9
EUR EP	10 29 13.6
E	30 46.4
SJG EP'	10 35 05.5
I	35 21.0

Date and Station	Phase (GCT)
	h m s
SEP 2	
COL EP	10 25 49.0
SEP 2	
H-10 41 23.1	
13.2N 050.9E	
h ABOUT 34KM	
BMO EP'	11 00 14.0
EUR EP'	11 00 24.6
SEP 2	
H-11 06 29.9	
34.1N 117.4W	
h ABOUT 8KM	
CED I(P)	11 06 32.6
BCN EP	11 07 14.7
I	07 20.9
IS	07 52.3
SLD EP	11 07 35.4
IS	08 24.5
EUR EP	11 07 53.1
I	08 11.7
IL	09 23.2
GCA EP	11 07 54.0
I	08 07.0
EL	09 26.0
TUC E(P)	11 07 58.0
ALQ E(P)	11 08 40.8
COL E(P)	11 13 37.0
SEP 2	
H-11 12 59.1	
27.7N 052.4E	
h ABOUT 22KM	
COL EP	11 25 39.0
SEP 2	
CED IP	11 55 15.5
IS	55 17.7
SEP 2	
CED IP	11 58 15.7
IS	58 17.9
SEP 2	
EUR EP	12 12 07.7
E	12 13.3
ES	12 46.1
SEP 2	
ADK EP	13 11 36.2
SEP 2	
GCA EP	13 12 02.0
SEP 2	
H-14 34 55.4	
02.2N 126.7E	
h ABOUT 102KM	
ADK EP	14 45 45.6

Date and Station	Phase (GCT)
	h m s
SEP 2	
CED IP	15 21 23.5
IS	21 25.7
SEP 2	
ADK EP	15 54 01.8
ES	54 24.3
SEP 2	
COL IP D	16 11 38.5
IS	12 06.7
SEP 2	
BOZ IP	16 34 34.3
IL	34 45.0
SEP 2	
ADK EP	17 15 49.2
SEP 2	
TUC EP	17 16 49.1
EUR EP	17 16 49.3
SEP 2	
BOZ EP	17 18 17.2
EL	18 28.5
SEP 2	
ADK EP	17 23 31.0
SEP 2	
H-17 47 46.2	
34.1N 117.4W	
h ABOUT 9KM	
CED I(P)	17 47 49.4
BCN EP	17 48 33.9
IL	49 21.1
EUR IP	17 49 10.2
SEP 2	
SLD IP D	17 49 41.4
E	50 07.0
SEP 2	
ALQ IP	18 00 50.0
SEP 2	
BOZ IP	18 08 08.7
IL	08 20.0
SEP 2	
BOZ IP	18 20 36.0
IL	20 46.5
SEP 2	
ADK EP	18 24 32.0
E	26 12.5
SEP 2	
BCN E(P)	18 36 10.2
SEP 2	
H-19 05 52.0	
37.3N 114.3W	
h ABOUT 33KM	
LVN P	19 06 14.0
BCN IP	19 06 17.2
IL	06 37.0

Date and Station	Phase (GCT)
	h m s
GCA IP C	19 06 27.5
EUR IP	19 06 31.6
TUC E(P)	19 07 16.5
BMO EPG	19 08 15.2
SEP 2	
ADK EP	20 18 50.5
ES	19 41.9
SEP 2	
ALQ IP	20 49 21.8
IS	49 46.5
SEP 2	
TUC E(P)	20 50 20.0
E	50 45.0
EUR E(P)	20 51 39.2
SEP 2	
H-21 20 16.9	
26.8N 110.7W	
h ABOUT 34KM	
TUC EP	21 21 36.0
EL	23 10.0
ALQ IP	21 22 29.0
IL	25 04.0
BCN IP C	21 22 40.6
EL	25 43.6
EUR IP D	21 23 28.8
EL	27 18.9
BMO EP	21 24 35.4
BOZ EP	21 24 37.3
HHM EP	21 25 07.2
NEW EP	21 25 10.0
COL EP	21 28 28.0
SEP 2	
ADK EP	21 28 31.7
SEP 2	
BOZ IP	21 44 49.5
IL	44 58.7
SEP 2	
BOZ IP	22 13 13.7
IL	13 24.0
SEP 2	
H-22 13 18.7	
53.5N 167.5W	
h ABOUT 33KM	
ADK IP	22 14 44.5
COL EP	22 16 52.0
EUR E(P)	22 20 30.5

Date and Station	Phase	(GCT) h m s
SEP 2		
H-22 14 50.9		
53.1N 169.8W		
h ABOUT 33KM		
ADK	E(P)	22 15 55.0
	ES	17 42.0
COL	IP	22 18 36.8
	IS	21 34.0
NEW	IP	22 21 24.4
BMO	EP	22 21 38.6
HHM	IP	22 21 39.7
	IPCP	24 20.2
BOZ	IP D	22 22 04.5
	EPP	23 45.0
	IPCP	24 28.4
EUR	EP	22 22 13.5
	E	22 34.0
BCN	E(P)	22 22 38.5
TUC	EP	22 23 18.0
ALQ	EP	22 23 24.0
	E	25 01.4
SEP 2		
EUR	E(P)	22 19 01.9
SEP 2		
ADK	EP	22 36 17.5
SEP 2		
ADK	EP	22 37 25.5
	IS	37 57.0
SEP 2		
H-22 46 39.7		
60.2N 146.9W		
h ABOUT 31KM		
COL	IP	22 47 50.3
	IL	49 04.0
SIT	E(P)	22 48 17.0
ADK	EP	22 50 54.0
NEW	EP	22 51 21.0
HHM	IP	22 51 36.2
BMO	IP	22 51 47.7
BOZ	IP	22 52 06.0
EUR	EP	22 52 32.7
	EPCP	55 43.4
BCN	E(P)	22 53 05.5
ALQ	EP D	22 53 42.5
TUC	EP	22 53 45.1
SEP 2		
COL	I(P)	22 53 52.0
SEP 2		
ADK	EP	23 15 05.6
	E	16 18.4
SEP 2		
ADK	EP	23 26 48.2
SEP 2		
NEW	EP	23 47 10.0
	ES	47 36.0
SEP 2		
H-23 57 33.9		
43.5N 147.2E		
h ABOUT 61KM		
BOZ	EP	24 08 22.5
SEP 3		
SLD	EP	00 35 36.6
	ES	36 03.2
SEP 3		
BOZ	EP	01 00 12.5
	EL	00 19.0
SEP 3		
EUR	EP	01 28 48.7
	E	29 09.0
SEP 3		
CED	IP	01 42 04.7
	IS	42 06.7
SEP 3		
EUR	EP	03 20 14.2
SEP 3		
TUC	E(P)	03 37 37.2
SEP 3		
H-03 51 35.7		
50.3N 156.5E		
h ABOUT 70KM		
EUR	IP	04 01 33.1
SEP 3		
EUR	EP	05 13 17.2
SEP 3		
COL	IP	06 14 35.3
SEP 3		
H-06 38 07.2		
13.8N 091.2W		
h ABOUT 62KM		
ALQ	IP	06 43 29.6
TUC	EP	06 43 34.0
BCN	EP	06 44 19.2
EUR	IP	06 44 45.1
BOZ	EP	06 45 05.0
BMO	EP	06 45 21.8
NEW	EP	06 45 42.0
	IPCP	47 44.0
COL	IP	06 48 33.3
	IPCP	49 09.7
ADK	EP	06 49 52.0
SEP 3		
ADK	EP	07 11 10.2
SEP 3		
H-07 53 20.2		
36.5N 112.3W		
h ABOUT 33KM		
GCA	IP C	07 53 32.5
	IS	53 41.5
BCN	EP	07 53 55.8
	ES	54 24.3
EUR	EP	07 54 23.2
	ES	55 14.3
	EL	55 29.0
TUC	E(P)	07 54 25.0
ALQ	E(P)	07 54 35.5
	E	54 41.0
	IL	55 51.7
SEP 3		
H-08 11 38.2		
43.6N 146.5E		
h ABOUT 52KM		
COL	IP	08 19 23.1
NEW	EP	08 22 00.0
BMO	EP	08 22 13.2
BOZ	EP	08 22 31.0
	E	22 42.5
EUR	EP	08 22 39.5
	EPP	22 54.8
TUC	E(P)	08 23 26.0
SEP 3		
TUC	EP	11 54 03.5
SEP 3		
H-12 08 40.6		
57.0S 025.6W		
h ABOUT 40KM		
TUC	EP'	12 27 16.0
ALQ	IP'	12 27 16.4
BCN	EP'	12 27 25.3
EUR	IP'	12 27 32.1
SLD	IP'D	12 27 35.1
BOZ	EP'	12 27 36.5
	EPP	29 21.6
BMO	EP'	12 27 39.5
	E	27 56.3
HHM	EP'	12 27 42.2
NEW	EP'	12 27 44.0
COL	EP'	12 28 20.8
	IP'	28 30.0
	IP'	28 39.9
ADK	IP'	12 29 25.0
SEP 3		
BOZ	EP	12 36 48.5
	EL	37 06.5
SEP 3		
EUR	IP	12 37 29.8
ALQ	IP	12 37 59.8
SEP 3		
BOZ	E(P)	16 10 22.5
SEP 3		
BMO	E(P)	16 12 41.4
SEP 3		
H-16 24 20.4		
10.3N 104.1W		
h ABOUT 33KM		
TUC	EP	16 29 20.5
	E(S)	33 36.0
BHP	IP C	16 29 38.0
	ES	34 14.0
ALQ	E(P)	16 29 41.6
SLD	EP	16 30 35.6
	E	30 53.3
EUR	IP D	16 30 37.2
	EPP	31 58.6
	EPCP	33 32.8
BOZ	IP C	16 31 20.5
	EPP	32 23.5
	EPCP	33 47.7
	ES	37 00.0
	EL	39 45.0
BMO	EP	16 31 22.2
	EPCP	33 52.1
BUT	E(P)	16 31 24.1
	EL	40 03.1
SJG	EP	16 31 32.1
HHM	E(P)	16 31 46.0
NEW	EP	16 31 48.0
COL	EP	16 34 41.0
	ES	42 10.0
	EL	50 37.0
SEP 3		
NEW	EP	16 37 54.0
SEP 3		
BOZ	EP	17 28 16.0
	EL	28 27.0

Date and Station	Phase (GCT)
	h m s
SEP 3	
BOZ E(P)	17 29 13.5
EL	29 24.5
SEP 3	
ADK IP	17 56 43.7
COL EP	17 58 51.5
SEP 3	
BMO EP	18 11 27.5
SEP 3	
SLD EP	18 29 49.0
IS	30 01.2
SEP 3	
H-19 45 46.4	
20.8S 178.8W	
h ABOUT 580KM	
ADK IP	19 56 14.0
BCN EP	19 57 11.3
EUR IP	19 57 16.5
TUC EP	19 57 17.0
BMO EP	19 57 26.6
COL IP	19 57 37.2
ALQ EP	19 57 37.4
BOZ EP	19 57 44.5
SEP 3	
ADK EP	20 05 03.5
SEP 3	
BMO EP	20 30 48.5
SEP 3	
BOZ IP	20 44 49.0
IL	44 59.0
SEP 3	
BOZ EP	21 13 19.5
EL	13 30.0
SEP 3	
SLD IP C	21 25 36.8
IS	26 03.6
SEP 3	
SJG I(P)	21 51 28.5
SEP 3	
H-22 42 17.9	
3.6S 077.8W	
h ABOUT 167KM	
ALQ IP	22 50 33.5
TUC EP	22 50 38.8
EUR EP	22 51 39.0
BOZ E(P)	22 52 00.0
SEP 3	
ALQ IP	22 44 31.4
IS	44 56.6

Date and Station	Phase (GCT)
	h m s
SEP 4	
SLD IP C	00 00 36.9
IS	00 03.8
SEP 4	
BOZ EP	00 17 52.0
EL	17 10.0
SEP 4	
H-00 31 15.2	
19.7S 069.3W	
h ABOUT 111KM	
TUC E(P)	00 41 34.5
ALQ E(P)	00 41 44.3
EUR IP	00 42 37.8
BMO EP	00 43 02.7
EPP	43 28.8
SEP 4	
H-01 28 21.8	
44.5N 128.6W	
h ABOUT 25KM	
BMO EPN	01 30 19.4
NEW EP	01 30 30.0
EUR IP	01 30 56.2
BOZ E(P)	01 31 15.0
ALQ E(P)	01 32 48.1
SEP 4	
H-01 29 29.6	
45.7N 026.6E	
h ABOUT 136KM	
BMO EP	01 41 47.0
SEP 4	
COL EP	02 17 10.0
SEP 4	
BOZ IP	02 54 45.5
IL	54 54.0
SEP 4	
COL E(P)	03 52 10.5
SEP 4	
COL E(P)	03 58 05.5
SEP 4	
BOZ IP	04 16 14.5
IL	16 41.5
SEP 4	
EUR EP	04 34 03.0
ES	34 34.9
SEP 4	
H-04 37 05.6	
12.0N 092.9E	
h ABOUT 39KM	
COL EP	04 50 06.0
BOZ EP'	04 55 52.0

Date and Station	Phase (GCT)
	h m s
SLD EP'	04 55 54.2
EUR IP'	04 55 58.9
ALQ IP'	04 56 14.0
ISKP	59 32.2
SEP 4	
EUR E(P)	04 39 58.3
E	39 09.5
SEP 4	
EUR E(P)	04 42 00.6
SEP 4	
TUC E(P)	04 59 33.7
SEP 4	
H-05 37 49.9	
17.9S 074.0W	
h ABOUT 9KM	
SJG EP	05 44 56.5
ALQ IP	05 48 05.4
TUC EP	05 48 06.5
BCN EP	05 48 40.2
EUR IP	05 49 00.2
SLD EP	05 49 07.7
BMO EP	05 49 27.1
HHM EP	05 49 33.8
NEW EP	05 49 41.0
COL EP	05 51 32.0
SEP 4	
BHP EP D	06 22 54.4
ES	23 14.0
SEP 4	
ADK IP	06 59 42.5
IS	59 58.0
SEP 4	
COL E	09 21 02.5
BMO E(P)	09 22 50.5
EUR EP	09 23 04.2
SEP 4	
H-09 41 24.1	
02.5S 138.8E	
h ABOUT 38KM	
GUA EP	09 45 20.0
ES	48 42.0
ADK EP	09 52 08.1
BOZ E(P)	09 55 33.0
SJG EP'	10 01 07.5
SEP 4	
BMO E(P)	09 47 42.3

Date and Station	Phase (GCT)
	h m s
GCA EP	09 48 26.7
EUR EP	09 48 31.0
E	48 38.1
SEP 4	
H-09 52 34.5	
38.3N 107.6W	
h ABOUT 33KM	
ALQ IP	09 53 25.5
IL	54 18.0
GCA E(P)	09 53 28.4
E	53 35.5
EL	54 13.5
EUR IP	09 54 11.6
SEP 4	
BOZ IP	10 30 20.0
SEP 4	
H-10 51 03.8	
02.8N 084.5W	
h ABOUT 33KM	
SJG EP	10 56 13.0
EUR EP	10 59 29.1
BOZ EP	10 59 48.0
BMO E(P)	11 00 02.2
SEP 4	
H-11 23 18.1	
37.4N 114.2W	
h ABOUT 33KM	
BCN IP C	11 23 42.2
GCA EP	11 23 51.8
I	23 53.5
IL	24 20.5
EUR IP	11 23 57.9
SLC EP	11 24 23.0
EL	25 22.1
TUC EP	11 24 42.0
EPG	24 59.6
EL	26 15.8
SLD E(P)	11 24 42.0
I	25 03.4
IL	26 15.0
ALQ IP	11 24 55.0
I	25 06.5
IL	26 43.0
BMO IPN	11 25 13.2
BOZ EP	11 25 19.5
EL	27 39.0
NEW EP	11 25 59.0
EL	29 08.0

Date and Station	Phase	(GCT) h m s
SEP 4		
EUR	EP	11 33 15.0
	E	33 20.3
	E(S)	33 55.0
SEP 4		
COL	E(P)	13 04 39.1
EUR	IP	13 09 09.7
SEP 4		
COL	E(P)	13 05 34.5
SEP 4		
BHP	EP C	13 25 02.6
	ES	25 38.0
SEP 4		
H-13 28 42.0		
16.5S 167.4E		
h ABOUT 3KM		
COL	EP	13 41 32.0
EUR	E(P)	13 41 47.0
SEP 4		
TUC	E(P)	13 39 22.0
EUR	E(P)	13 41 10.8
SEP 4		
TUC	(PN)	14 42 45.0
ALQ	EP	14 43 07.5
SEP 4		
BOZ	EP	15 24 21.5
SEP 4		
BCN	EP	15 52 47.2
	EL	53 06.7
EUR	EP	15 53 02.5
	ES	53 32.7
SEP 4		
ADK	IP	21 21 37.2
	IS	21 46.5
SEP 4		
BCN	E(P)	22 12 50.5
	EL	13 09.5
EUR	IP	22 13 05.0
SEP 4		
H-22 14 50.0		
4.6N 073.9W		
h ABOUT 8KM		
BHP	IP D	22 16 38.7
	IL	18 27.0
SJG	EP	22 18 28.5
	IS	21 20.7
ALQ	IP	22 22 48.5
	IPCP	24 30.0
TUC	EP	22 23 02.0
	E	23 10.7
BCN	EP	22 23 39.7
BOZ	EP	22 24 03.0
BUT	EP	22 24 12.0
SLD	EP	22 24 16.4
BMO	EP	22 24 24.3
HHM	EP	22 24 27.3
NEW	EP	22 24 37.0
COL	EP	22 26 56.0
SEP 5		
ADK	EP	00 04 02.5
SEP 5		
BCN	E(P)	00 10 11.2
	EL	10 30.7
EUR	EP	00 11 26.3
	E(S)	12 06.6
SEP 5		
H-00 08 05.4		
21.6S 176.3W		
h ABOUT 212KM		
GUA	IP	00 16 51.0
SLD	EP	00 19 43.3
BCN	EP	00 20 01.7
TUC	EP	00 20 06.6
	E	21 22.5
EUR	EP	00 20 08.1
	EsP	21 17.8
	EPKKP	38 41.5
BMO	EP	00 20 19.7
	EPP	21 11.6
ALQ	IP	00 20 28.2
	EPP	21 21.0
NEW	EP	00 20 30.0
COL	EP	00 20 35.2
BOZ	IP C	00 20 37.5
	EPP	21 30.0
SEP 5		
COL	EP	01 25 42.0
SEP 5		
SLD	E(P)	01 49 08.9
	E(L)	49 27.1
SEP 5		
COL	EP	02 26 02.0
SEP 5		
COL	EP	02 34 47.8
SEP 5		
TUC	(PN)	02 48 13.8
ALQ	E(P)	02 49 52.0
SEP 5		
BCN	E(P)	02 53 25.2
	EL	53 44.6
EUR	EP	02 53 41.0
	EL	54 22.1
SEP 5		
H-03 05 07.0		
21.1S 067.7W		
h ABOUT 194KM		
ALQ	EP	03 15 39.8
EUR	E(P)	03 16 31.0
BMO	E(P)	03 16 55.2
SEP 5		
H-04 06 06.0		
37.1N 071.5E		
h ABOUT 140KM		
COL	EP	04 17 27.0
SEP 5		
EUR	EP	04 07 24.5
SEP 5		
BCN	E(P)	05 53 35.3
	EL	53 54.2
SEP 5		
BCN	E(P)	06 07 19.8
	E(L)	07 38.7
SEP 5		
GCA	EP	06 15 46.5
SEP 5		
ADK	EP	06 39 10.5
	ES	39 47.2
SEP 5		
H-06 52 51.2		
07.5S 155.9E		
h ABOUT 65KM		
COL	EP	07 05 08.0
BMO	E(P)	07 05 58.6
EUR	EP	07 06 01.2
	E	06 09.2
SEP 5		
COL	EP	06 52 55.0
SEP 5		
TUC	(PN)	07 21 41.0
SEP 5		
COL	IP	08 26 36.5
BMO	E(P)	08 29 23.8
BOZ	E(P)	08 29 40.5
EUR	EP	08 29 49.0
SEP 5		
ADK	IP	08 27 06.0
	ES	27 45.0
SEP 5		
H-08 48 20.8		
51.9N 176.6E		
h ABOUT 56KM		
ADK	IP	08 49 24.4
	IS	50 14.2
COL	EP	08 53 16.0
	I	53 29.9
NEW	EP	08 56 04.0
	E	58 14.0
BMO	EP	08 56 16.5
	E	56 38.1
HHM	E(P)	08 56 16.7
	E	58 19.7
BOZ	EP	08 56 39.0
	E	57 12.0
	EPP	58 30.0
EUR	IP	08 56 48.3
ALQ	EP	08 57 53.5
	I	58 13.0
SEP 5		
GUA	EP	09 04 48.5
	ES	05 08.5
SEP 5		
COL	IP	09 07 18.1
SEP 5		
H-09 08 02.7		
13.9S 026.2E		
h ABOUT 33KM		
EUR	EP'	09 27 22.7
SEP 5		
COL	EP	09 53 57.2
SEP 5		
NEW	EP	10 04 00.0
SEP 5		
COL	E(P)	10 43 54.8
SEP 5		
H-11 09 59.6		
20.2S 177.6W		
h ABOUT 487KM		
EUR	EP	11 21 32.5
TUC	EP	11 21 33.0
BMO	EP	11 21 43.2
COL	IP	11 21 55.8
SEP 5		
COL	E(P)	11 15 03.0
SEP 5		
H-11 17 01.4		
23.7S 175.8W		
h ABOUT 40KM		

Date and Station	Phase (GCT)
	h m s
EUR EP	11 29 28.5
EpP	29 41.0
ALQ EP	11 29 48.0
IpP	29 59.8
COL E(P)	11 30 02.0
BOZ E(P)	11 30 04.0
SEP 5	
BOZ E	11 46 30.5
E	47 16.0
SEP 5	
H-11 52 43.1	
22.8S 179.9E	
h ABOUT 650KM	
TUC EP	12 04 18.0
EUR E(P)	12 04 18.3
SEP 5	
GUA EP	12 34 01.0
IS	34 27.0
SEP 5	
BMO E(P)	12 46 40.4
E	46 52.5
SEP 5	
ADK IP	13 49 37.8
IS	49 53.0
SEP 5	
SLD E(P)	14 14 02.2
E(L)	14 34.5
SEP 5	
COL EP	14 20 29.4
SEP 5	
EUR EP	14 24 16.3
SEP 5	
ADK E(P)	15 31 25.9
SEP 5	
BHP IP C	15 45 49.0
IS	46 28.0
SEP 5	
H-16 08 29.7	
37.3N 114.2W	
h ABOUT 33KM	
BCN EP	16 08 54.1
IL	09 14.0
GCA IP	16 09 04.9
EUR IP	16 09 09.5
IL	09 48.3
TUC EP	16 09 54.0
ALQ IPG	16 10 21.5
IL	11 53.0
BMO EPG	16 10 53.6

Date and Station	Phase (GCT)
	h m s
SEP 5	
BCN EP	16 15 34.8
EL	15 54.0
EUR EP	16 15 49.6
I	15 56.0
IS	16 25.0
SEP 5	
H-16 33 20.2	
19.4N 155.6W	
h ABOUT 5KM	
HON IP	16 34 07.0
KIP IP C	16 34 07.9
ES	34 43.0
SLD EP	16 40 18.5
EUR EP	16 40 54.2
I	41 06.5
EPCP	43 06.2
BMO EP	16 41 03.7
EPCP	43 07.5
TUC E(P)	16 41 15.4
NEW IP	16 41 17.4
HHM E(P)	16 41 32.2
EPP	43 19.7
BOZ EP C	16 41 36.0
COL IP	16 41 44.3
ALQ IP	16 41 46.5
SEP 5	
SJG EP	16 55 49.5
IS	57 26.0
IL	57 35.0
SEP 5	
EUR EP	17 13 50.3
E(S)	14 39.5
SEP 5	
EUR EP	17 57 19.3
BMO E(P)	17 57 23.1
E	57 28.1
SEP 5	
H-17 58 31.3	
15.8S 167.4E	
h ABOUT 47KM	
SLD E(P)	18 11 05.8
COL IP	18 11 12.3
EUR EP	18 11 28.2
IpP	11 42.3
EPP	15 00.0
BMO EP	18 11 31.9
EsP	11 51.0
NEW EP	18 11 36.0
E	11 57.0

Date and Station	Phase (GCT)
	h m s
BCN EpP	18 11 39.1
SJG IP'	18 17 35.0
SEP 5	
H-18 37 47.1	
36.4N 138.1E	
h ABOUT 65KM	
COL EP	18 46 42.7
BMO E(P)	18 49 18.9
BOZ EP	18 49 34.0
EUR EP	18 49 42.4
SEP 5	
BMO E(P)	18 51 41.2
EUR EP	18 52 04.7
SEP 5	
COL EP	19 29 41.0
SEP 5	
EUR EP	20 29 23.5
HHM E(P)	20 29 31.2
BMO EP	20 29 32.8
SEP 5	
BCN IP	20 40 00.0
IL	40 01.3
SEP 5	
GCA EP	21 57 04.8
EUR EP	21 57 10.3
I	57 15.7
IL	57 49.2
SEP 5	
COL EP	22 38 45.0
SEP 5	
H-23 05 03.2	
29.6N 113.9W	
h ABOUT 33KM	
TUC EPN	23 06 01.0
IPG	06 03.8
BCN E(P)	23 06 37.4
ALQ IP	23 07 01.5
IL	09 37.0
EUR EP	23 07 29.0
E	10 38.4
BMO EP	23 08 43.8
BOZ EP	23 08 52.5
NEW EP	23 09 22.0
SEP 6	
COL EP	00 44 42.0

Date and Station	Phase (GCT)
	h m s
SEP 6	
GCA IP D	01 13 30.5
I	13 48.5
IL	15 02.5
SEP 6	
EUR E(P)	01 39 45.0
SEP 6	
COL EP	02 14 10.0
SEP 6	
BMO EP	02 56 29.6
BOZ E(P)	02 56 46.5
SEP 6	
COL EP	04 06 21.0
SEP 6	
COL EP	04 12 05.0
SEP 6	
COL EP	04 43 05.0
SEP 6	
H-06 33 45.1	
45.2N 151.5E	
h ABOUT 25KM	
COL EP	06 41 03.3
E	41 16.0
BOZ E(P)	06 44 16.3
EUR E(P)	06 44 28.1
SEP 6	
SLD EP	06 40 06.3
SEP 6	
H-07 12 02.5	
31.5N 114.4W	
h ABOUT 33KM	
TUC IPNC	07 12 49.2
BCN IP	07 13 08.2
ES	14 02.7
EL	14 32.2
ALQ IP	07 13 51.0
I	14 11.5
IL	16 01.0
EUR EP	07 13 59.1
I	14 31.8
IL	16 00.5
SLD EP	07 14 02.3
EL	16 14.7
SLC E(P)	07 14 31.5
BMO EP	07 15 16.4
E	15 34.2
BOZ EP	07 15 26.7
E	15 34.0
BUT EP	07 15 30.2
NEW EP	07 15 58.0

Date and Station	Phase	(GCT) h m s
HHM	E(P)	07 15 59.4
SEP 6		
COL	IP C	07 40 35.0
	IS	41 11.2
BMO	E(P)	07 45 13.1
SEP 6		
H-07 47 08.3		
32.3S 178.8W		
h ABOUT 33KM		
EUR	EP	08 00 15.5
SEP 6		
EUR	E(P)	08 06 38.0
TUC	E(P)	08 07 45.0
ALQ	EP	08 07 55.2
SEP 6		
EUR	IP	08 08 30.5
TUC	EP	08 08 50.1
BOZ	E(P)	08 08 54.5
BUT	EP	08 08 58.0
	E	10 03.7
ALQ	E(P)	08 09 00.0
NEW	EP	08 10 17.0
SEP 6		
H-08 41 05.4		
38.8S 092.4W		
h ABOUT 33KM		
SJG	E(P)	08 51 20.2
TUC	E(P)	08 52 32.0
	E	52 42.6
ALQ	EP	08 52 42.0
BCN	EP	08 52 57.8
EUR	IP	08 53 18.1
BUT	E(P)	08 53 35.7
BOZ	EP	08 53 43.5
BMO	EP	08 53 45.0
NEW	EP	08 54 00.0
SEP 6		
COL	E(P)	08 49 33.7
SEP 6		
COL	EP	09 21 25.9
SEP 6		
H-09 37 59.6		
37.2N 114.2W		
h ABOUT 33KM		
BCN	EP	09 38 23.5
	EL	38 42.8
GCA	EP	09 38 33.5
EUR	EP	09 38 39.2
	I	38 45.8
	ES	39 16.2
BMO	EP	09 40 23.0
SEP 6		
COL	EP	09 49 32.0
SEP 6		
H-12 31 41.5		
37.2N 114.2W		
h ABOUT 33KM		
BCN	EP	12 32 05.0
	ES	32 23.2
GCA	EP	12 32 16.2
EUR	EP	12 32 20.9
	I	32 27.1
	EL	33 02.5
SEP 6		
H-12 31 57.2		
36.7N 026.6E		
h ABOUT 157KM		
BOZ	E(P)	12 44 39.0
BMO	EP	12 44 50.9
SEP 6		
H-12 39 08.2		
42.1N 018.9E		
h ABOUT 33KM		
BMO	EP	12 51 42.5
SEP 6		
COL	E(P)	13 54 41.2
SEP 6		
BMO	E(P)	14 14 09.6
SEP 6		
EUR	EP	15 56 42.5
SEP 6		
BOZ	IP	16 19 26.4
	IL	19 37.5
SEP 6		
H-16 21 28.4		
06.6N 072.8W		
h ABOUT 184KM		
EUR	EP	16 30 11.6
BOZ	EP	16 30 16.5
SEP 6		
BMO	EP	17 39 38.0
COL	IP	17 40 02.1
SEP 6		
H-17 43 21.4		
47.6N 155.3E		
h ABOUT 20KM		
COL	EP	17 50 10.0
BMO	EP	17 53 10.7
BOZ	EP	17 53 28.5
EUR	IP	17 53 39.0
SEP 6		
ADK	EP	17 48 41.2
	EL	48 53.5
SEP 6		
ALQ	IP	17 53 21.0
	IS	54 03.5
SEP 6		
BOZ	EP	17 55 00.0
	EL	55 11.5
SEP 6		
BMO	EP	18 53 22.8
COL	EP	18 53 41.0
SEP 6		
H-19 15 13.0		
51.7N 176.0E		
h ABOUT 60KM		
ADK	IP	19 16 22.1
	IS	17 17.2
COL	EP	19 20 09.8
EUR	EP	19 23 44.0
	E	23 57.0
SEP 6		
H-20 25 06.3		
29.4S 112.2W		
h ABOUT 33KM		
ALQ	IP	20 35 42.5
EUR	IP	20 36 05.9
BMO	EP	20 36 40.3
NEW	EP	20 37 00.0
SEP 6		
EUR	E(P)	20 42 35.0
SEP 6		
H-21 04 32.5		
04.9S 076.8W		
h ABOUT 123KM		
SJG	EP	21 09 47.2
	I	10 10.0
ALQ	IP	21 13 05.6
	IPP	13 33.4
EUR	E(P)	21 14 08.0
	IPP	14 37.5
BOZ	IP C	21 14 21.5
	IPP	14 51.2
	EsP	15 07.5
BMO	EP	21 14 35.9
	EPCP	15 16.6
SEP 6		
NEW	EP	21 15 21.0
SEP 6		
ALQ	IP	21 18 51.5
	I	19 25.0
GCA	EP	21 18 56.7
SEP 6		
BCN	EP	21 38 22.0
	EL	38 41.0
GCA	E(P)	21 38 33.3
EUR	EP	21 38 38.0
	I	38 44.4
	EL	39 17.2
ALQ	IP	21 39 52.5
	I	41 23.6
SEP 6		
ADK	IP	21 46 32.6
	ES	47 43.4
SEP 6		
BOZ	E(P)	21 46 50.0
	E	47 12.5
SEP 6		
EUR	IP	22 06 56.2
SEP 6		
EUR	I(P)	22 08 22.0
BMO	EP	22 08 46.7
NEW	EP	22 09 13.0
SEP 6		
BCN	EP	22 21 08.2
	E	21 21.5
SEP 6		
BOZ	EP	22 26 12.0
	EL	26 23.0
SEP 6		
BOZ	EP	22 38 18.5
	EL	38 27.2
SEP 6		
ALQ	IP	22 55 45.0
	I	56 10.0
SEP 6		
BHP	IP D	23 22 28.5
SEP 7		
H-00 20 55.9		
36.3N 120.2W		
h ABOUT 12KM		
SLD	IP	00 21 17.8
	EL	21 37.7
EUR	EP	00 22 08.2
	I	22 20.3
	IL	23 21.3
BMO	E(P)	00 23 23.5
SEP 7		
HON	IP	01 37 39.2

Date and Station	Phase (GCT)
	h m s
KIP EP	01 37 42.6
SEP 7	
EUR IP	02 01 21.9
SEP 7	
GCA E(P)	02 46 21.5
SEP 7	
COL EP	02 53 47.4
IS	54 30.2
NEW EP	02 57 39.0
BMO EP	02 58 05.8
E	58 43.6
SEP 7	
ADK EP	03 08 33.2
SEP 7	
H-03 51 57.6	
49.9N 078.0E	
h ABOUT 0KM	
COL IP	04 02 09.1
BOZ EP	04 04 33.5
BMO E(P)	04 04 34.0
EUR IP	04 05 02.6
SEP 7	
COL EP	03 57 53.0
SEP 7	
COL IP	05 11 03.1
SEP 7	
H-05 53 45.8	
8.7S 156.5E	
h ABOUT 54KM	
COL IP	06 06 10.5
BMO E(P)	06 06 56.3
EUR IP	06 06 59.0
SEP 7	
SJG EP	07 22 58.5
IS	23 24.5
SEP 7	
H-07 37 18.4	
37.3N 114.2W	
h ABOUT 33KM	
BCN EP	07 37 43.2
IL	38 04.6
GCA EP	07 37 53.3
EUR EP	07 37 57.6
I	38 03.8
EL	38 35.1
SEP 7	
BOZ E(P)	07 47 50.0
SEP 7	
NEW EP	08 20 51.0
EUR E(P)	08 21 19.5
SEP 7	
ADK EP	09 32 28.3
IS	33 16.3
SEP 7	
SLD E(P)	09 59 07.9
EL	59 29.0
SEP 7	
H-10 20 46.1	
09.3S 074.6W	
h ABOUT 105KM	
ALQ IP	10 29 57.0
TUC EP	10 30 00.8
BOZ E(P)	10 30 10.4
EUR IP	10 30 56.5
NEW EP	10 31 38.0
COL EP	10 33 40.7
SEP 7	
H-11 09 37.1	
37.3N 114.2W	
h ABOUT 33KM	
BCN IP D	11 10 01.6
IL	10 21.7
GCA EP C	11 10 11.4
I	10 12.5
EUR IP	11 10 17.4
CED EP	11 10 37.7
I	10 48.7
IL	11 40.7
SLC E(P)	11 10 48.7
EL	11 41.7
TUC EPN	11 11 01.9
ALQ IP	11 11 16.0
SLD E(P)	11 11 22.0
EL	12 35.6
BMO EPN	11 11 32.9
BOZ E(P)	11 11 56.0
SEP 7	
SJG IP C	11 12 34.6
IS	12 41.0
SEP 7	
NEW EP	11 15 26.0
SEP 7	
BCN EP	11 41 19.5
EL	41 40.1
GCA EP	11 41 29.9
EUR EP	11 41 35.0
I	41 40.5
ES	42 15.0
SEP 7	
ADK E(P)	11 46 30.7
ES	47 17.9
SEP 7	
H-12 07 02.4	
08.8S 079.9W	
h ABOUT 55KM	
ALQ IP	12 15 56.0
EUR EP	12 16 56.6
EpP	17 12.1
BOZ E(P)	12 17 13.7
SEP 7	
COL IP	12 39 47.9
I(S)	40 13.2
BMO EP	12 45 07.4
SEP 7	
ALQ IP	13 51 54.0
SEP 7	
H-14 45 03.5	
49.3N 129.3W	
h ABOUT 33KM	
NEW IP	14 47 01.5
EL	50 09.0
BMO E(P)	14 47 17.5
HHM EP	14 47 28.5
E	50 43.0
BOZ EP	14 47 59.4
E	52 04.0
SLD IP C	14 48 14.4
EUR IP	14 48 19.2
COL EP	14 49 17.2
E(S)	52 58.0
TUC EP	14 49 56.7
ALQ IP	14 49 59.5
I	50 11.0
SEP 7	
BMO E(P)	15 14 20.3
SEP 7	
H-15 55 11.6	
05.1S 154.7E	
h ABOUT 80KM	
GUA IP	15 59 50.0
ADK IP	16 05 23.7
COL IP	16 07 20.3
BMO EP	16 08 13.6
EpP	08 34.9
NEW IP	16 08 15.4
EUR IP C	16 08 17.3
I	08 35.1
BCN EP	16 08 20.1
BOZ EP	16 08 32.2
ALQ E(P)	16 08 52.0
SEP 7	
H-16 12 34.5	
08.4S 106.7E	
h ABOUT 30KM	
ALQ EP'	16 32 12.0
SEP 7	
BOZ EP	16 12 57.0
E	13 22.5
SEP 7	
H-16 19 58.2	
37.2N 138.6E	
h ABOUT 18KM	
COL EP	16 28 53.0
BMO IP	16 31 31.2
BOZ IP	16 31 45.5
IpP	31 51.5
EUR IP	16 31 54.0
SEP 7	
BOZ IP	17 54 45.0
IL	54 55.0
SEP 7	
BOZ EP	18 22 32.5
EL	22 44.0
SEP 7	
ALQ EP	18 41 57.8
E	42 34.0
SEP 7	
COL EP	20 00 34.0
SEP 7	
BOZ EP	20 23 45.5
EL	23 56.5
SEP 7	
H-20 30 43.8	
28.3S 069.1W	
h ABOUT 87KM	
ALQ EP	20 42 00.7
EUR EP	20 42 47.1
SEP 7	
ALQ E(P)	20 31 26.0
SEP 7	
COL EP	21 06 37.0
SEP 7	
BOZ IP	21 30 36.0
EL	30 42.0
SEP 7	
BOZ IP	22 00 22.5
EL	00 34.5

Date and Station	Phase	Phase (GCT) h m s
SEP 7		
ALQ	EP	22 42 11.8
	E	42 36.8
SEP 7		
COL	E(P)	22 43 00.3
	E	43 07.1
SEP 7		
BMO	E(P)	23 34 48.3
	E	35 26.2
EUR	EP	23 35 11.8
SEP 8		
H-00 05 40.8		
22.7S 068.5W		
h ABOUT 120KM		
BMO	E(P)	00 17 42.6
SEP 8		
H-00 18 46.7		
6.9N 072.9W		
h ABOUT 157KM		
EUR	EP	00 27 31.5
SEP 8		
GUA	E(P)	00 27 45.5
BMO	EP	00 37 22.5
BOZ	E(P)	00 37 40.2
SEP 8		
ALQ	EP	01 29 48.7
SEP 8		
KIP	EP	02 00 17.0
SEP 8		
H-02 14 19.8		
12.4S 166.7E		
h ABOUT 110KM		
EUR	EP	02 27 01.2
	EpP	27 31.2
BMO	E(P)	02 27 03.6
	EpP	27 33.9
SEP 8		
BCN	EP	02 46 19.7
	EL	46 29.2
EUR	EP	02 46 26.1
	I	46 32.7
	IL	47 05.3
ALQ	E(P)	02 47 40.0
SEP 8		
EUR	EP	03 54 51.5
	E	54 58.0
	EL	55 33.5
SEP 8		
ALQ	EP	04 03 16.7
SEP 8		
COL	EP	04 30 24.0
SEP 8		
H-05 28 44.0		
51.2N 179.2W		
h ABOUT 33KM		
ADK	EP	05 29 12.7
	IS	29 32.7
COL	IP	05 33 29.9
NEW	IP	05 36 10.5
BMO	EP	05 36 24.4
BOZ	EP	05 36 48.5
EUR	IP	05 36 56.0
SEP 8		
COL	E(P)	06 34 21.0
SEP 8		
H-06 43 14.3		
14.7N 091.5W		
h ABOUT 62KM		
EUR	E(P)	06 49 43.0
SEP 8		
BCN	EP	07 03 44.6
	IL	04 04.4
GCA	EP	07 03 54.2
EUR	EP	07 04 00.0
	I	04 07.2
	E(S)	04 35.5
SEP 8		
BCN	E(P)	07 42 56.0
	EL	43 15.7
GCA	EP	07 43 05.7
EUR	EP	07 43 11.3
	E	43 17.6
	EL	43 49.1
SEP 8		
BOZ	EP	08 04 44.7
	EL	05 02.5
SEP 8		
COL	EP	08 17 15.0
SEP 8		
H-08 28 54.3		
23.5S 066.6W		
h ABOUT 219KM		
SJG	EP	08 36 15.5
	E	37 17.5
	IS	42 11.5
ALQ	IP	08 39 39.4
TUC	EP	08 39 42.0
	E	48 33.0
BCN	EP	08 40 12.6
EUR	IP D	08 40 29.1
	I	40 42.7
	E(PP)	43 22.7
SLD	EP C	08 40 37.7
BOZ	IP D	08 40 41.3
	E	42 19.3
	E(S)	50 24.5
	E(SKS)	50 27.5
BMO	IP	08 40 52.4
HHM	EP	08 40 56.9
NEW	EP	08 41 03.0
	E	41 26.0
COL	E(P)	08 42 47.5
GUA	EP'	08 48 17.0
SEP 8		
TUC	E(P)	08 47 38.5
SEP 8		
ALQ	EP	10 25 14.0
SEP 8		
H-10 37 50.4		
03.6N 126.4E		
h ABOUT 127KM		
COL	E(P)	10 50 13.2
BOZ	EP'	10 56 21.5
SEP 8		
ADK	EP	10 39 47.6
COL	IP	10 42 30.1
	IS	43 22.3
SEP 8		
H-12 07 49.7		
22.5S 010.7W		
h ABOUT 33KM		
EUR	EP'	12 26 30.5
SEP 8		
H-12 18 14.5		
36.5N 070.4E		
h ABOUT 225KM		
COL	EP	12 29 30.2
	E	30 22.7
SEP 8		
H-13 24 22.9		
31.9S 068.7W		
h ABOUT 122KM		
EUR	EP	13 36 38.5
BMO	E(P)	13 37 00.9
SEP 8		
EUR	EP	15 15 12.8
	E(S)	15 51.0
SEP 8		
H-15 28 58.0		
23.1N 143.7E		
h ABOUT 33KM		
NEW	EP	15 41 00.0
BMO	EP	15 41 06.6
BOZ	E(P)	15 41 21.0
EUR	IP	15 41 22.8
SEP 8		
COL	EP	15 42 47.1
EUR	EP	15 45 45.2
SEP 8		
H-16 37 22.1		
19.7S 175.8W		
h ABOUT 187KM		
BMO	EP	16 49 29.8
ALQ	EP	16 49 40.4
COL	EP	16 49 45.0
SEP 8		
BOZ	E(P)	16 38 30.0
	E	38 35.2
SEP 8		
BOZ	E(P)	16 48 18.2
SEP 8		
EUR	EP	16 59 59.0
SEP 8		
BOZ	EP	17 29 46.7
	EL	29 57.5
SEP 8		
BOZ	EP	18 01 53.5
	EL	02 05.2
SEP 8		
BOZ	IP	18 24 03.5
	IL	24 14.7
SEP 8		
H-18 30 53.2		
51.9N 173.6W		
h ABOUT 33KM		
ADK	IP	18 31 23.0
	I	31 24.6
	IS	31 44.4
NEW	EP	18 37 50.0
BMO	E(P)	18 38 03.4
EUR	E(P)	18 38 34.0
SEP 8		
BOZ	EP	18 37 51.2
	EL	38 02.5
SEP 8		
ADK	IP	18 48 59.3
	IS	49 04.3
SEP 8		
SLD	EP	19 43 33.0
	IL	43 50.9
SEP 8		
BCN	E(P)	19 45 13.3

Date and Station	Phase (GCT)
	h m s
SEP 8	
ALQ IP	20 10 11.4
I	10 20.4
IS	10 50.5
SEP 8	
NEW IP	20 19 48.8
SEP 8	
SLD EP	20 30 37.1
EL	31 04.0
SEP 8	
ALQ IP	20 35 22.0
BOZ EP	20 37 06.5
BMO E(P)	20 37 10.7
NEW EP	20 37 37.0
SEP 8	
ALQ EP	20 44 37.7
SEP 8	
ADK IP	21 00 28.3
IS	00 45.8
SEP 8	
ADK IP	21 03 30.1
IS	03 41.2
SEP 8	
ALQ IP	21 12 33.2
I	13 12.0
SEP 8	
H-21 15 50.5	
2.4N 128.3E	
h ABOUT 71KM	
GUA IP	21 20 17.0
ES	23 53.0
COL IP C	21 28 19.6
HON P	21 27 19.0
I	31 13.5
IPP	31 34.9
ISKS	38 35.9
IS	38 46.0
SIT IP	21 28 52.0
IS	39 50.0
BMO IP	21 29 50.0
I	29 53.9
E	30 29.2
SLD IP C	21 29 52.0
IPP	34 10.1
SKS	40 37.1
PKKP	45 53.8
SKKP	49 48.4
BUT EP	21 30 01.4
ESKKP	49 05.4

Date and Station	Phase (GCT)
	h m s
EUR IP	21 30 06.0
I	30 17.3
IP'	34 10.4
IPP	34 34.1
ESKP	37 25.5
ES	41 47.5
EP'P'	53 45.5
BOZ IP C	21 30 08.5
EP'	34 13.0
TUC IP	21 30 15.6
EP'	34 25.5
WSC IP'	21 34 58.2
CSC EP'	21 35 04.5
EPP	37 36.0
ESKP	38 28.5
BHP IP'C	21 35 31.0
SJG IP'C	21 35 36.9
IP'	36 00.7
EPP	39 31.0
ESKS	42 48.0
SKKS	46 08.0
ESPP	52 30.0
ESS	22 00 50.0
SEP 8	
H-21 17 23.7	
21.8S 176.0W	
h ABOUT 95KM	
GUA IP	21 26 23.0
E	31 45.0
SLD IP	21 29 14.3
UKI E(P)	21 29 16.5
BCN EP	21 29 31.6
TUC EP	21 29 37.0
EUR IP D	21 29 38.8
GCA EP	21 29 47.0
E	30 25.7
ALQ IP	21 29 58.4
I	30 35.5
COL IP	21 30 07.4
SEP 8	
COL EP	21 44 33.0
SEP 8	
H-21 55 39.9	
45.4N 150.5E	
h ABOUT 32KM	
COL IP	22 03 00.2
NEW IP	22 05 41.5
HHM EP	22 05 53.8
EpP	06 04.4
BMO IP	22 05 55.1
BUT EP	22 06 07.4

Date and Station	Phase (GCT)
	h m s
SLD IP C	22 06 11.0
BOZ EP	22 06 13.7
EUR IP C	22 06 22.3
I	06 44.4
BCN IP C	22 06 40.0
TUC IP	22 07 10.2
EpP	07 22.2
ALQ EP	22 07 17.1
EpP	07 28.5
SEP 8	
GUA EP	22 09 24.2
SEP 8	
ALQ IP	22 17 11.5
I	17 48.0
SEP 8	
H-22 31 50.7	
52.8N 173.4E	
h ABOUT 52KM	
ADK IP	22 33 22.0
IS	34 28.0
COL IP	22 36 53.2
NEW IP	22 39 45.0
E	40 02.0
HHM E(P)	22 39 48.3
BMO EP	22 39 59.9
BOZ EP	22 40 21.5
E	40 44.5
EUR IP	22 40 32.5
ALQ IP	22 41 36.0
SEP 8	
BOZ E(P)	22 48 07.0
E	48 35.7
SEP 8	
H-22 58 23.3	
18.0S 178.4W	
h ABOUT 590KM	
ADK IP	23 08 33.9
EUR IP	23 09 41.6
TUC EP	23 09 43.5
BMO EP	23 09 51.4
COL EP	23 10 01.0
ALQ EP	23 10 04.2
HHM E(P)	23 10 08.8
BOZ EP	23 10 10.3
SEP 8	
ALQ E(P)	23 40 35.0

Date and Station	Phase (GCT)
	h m s
SEP 9	
EUR EP	00 24 54.0
SEP 9	
H-01 02 38.7	
10.3N 062.2W	
h ABOUT 42KM	
ALQ E(P)	01 11 10.0
BOZ E(P)	01 12 06.5
BMO E(P)	01 12 31.4
SEP 9	
CED IP	01 12 43.4
IS	12 54.1
BCN EP	01 13 12.3
IL	13 52.5
EUR EP	01 13 52.0
EL	15 21.0
SEP 9	
H-04 04 05.0	
08.3S 074.2W	
h ABOUT 166KM	
ALQ IP	04 13 04.0
TUC EP	04 13 09.0
EUR IP C	04 14 05.5
EpP	14 45.3
BOZ IP C	04 14 18.0
EsP	15 15.5
NEW IP	04 14 46.9
COL IP	04 16 49.7
SEP 9	
COL EP	04 17 30.0
SEP 9	
H-07 04 15.7	
37.3N 114.2W	
h ABOUT 33KM	
BCN IP C	07 04 40.6
IL	05 00.5
GCA EP	07 04 50.1
EUR IP	07 04 55.4
TUC EPN	07 05 40.5
SLD E(P)	07 05 58.0
EL	07 14.2
ALQ I(P)	07 06 07.0
IL	08 40.0
BMO EPN	07 06 10.9
BOZ E(P)	07 06 27.5
SEP 9	
COL E(P)	07 14 39.9

Date and Station	Phase (GCT)
	h m s
SEP 9	
H-07 14 44.8	
36.5N 138.0E	
h ABOUT 65KM	
COL E(P)	07 23 40.0
BMO EP	07 26 16.8
BOZ EP	07 26 32.5
EUR EP	07 26 40.3
SEP 9	
H-09 50 31.4	
41.4N 098.6W	
h ABOUT 33KM	
BOZ E(P)	09 53 12.2
EL	55 54.5
ALQ I	09 53 13.0
IL	55 05.5
SEP 9	
EUR E(P)	09 58 40.5
BMO EP	09 58 50.6
SEP 9	
BOZ EP	11 08 05.2
EL	08 22.0
SEP 9	
H-12 04 32.1	
4.2S 102.8E	
h ABOUT 33KM	
BOZ EP'	12 23 38.0
EUR IP'	12 23 41.9
ALQ IP'	12 23 47.0
SEP 9	
H-12 24 03.3	
61.4N 146.9W	
h ABOUT 33KM	
COL IP D	12 24 56.5
IS	25 42.3
IL	25 51.0
NEW EP	12 28 49.0
E	29 05.0
BMO E(P)	12 29 16.4
BOZ E(P)	12 29 32.5
EUR EP	12 30 00.0
EpP	30 10.5
SEP 9	
EUR IP	12 26 59.5
SEP 9	
H-12 34 09.0	
19.6S 173.3W	
h ABOUT 40KM	
EUR E(P)	12 46 15.0
COL EP	12 46 47.7

Date and Station	Phase (GCT)
	h m s
SEP 9	
EUR EP	13 13 26.8
COL EP	13 13 54.0
SEP 9	
H-13 33 41.7	
15.5N 061.6W	
h ABOUT 153KM	
SJG EP	13 34 56.5
I	34 59.7
IS	35 59.0
SEP 9	
ADK IP	14 07 19.9
IS	07 35.5
SEP 9	
H-15 14 52.8	
20.0N 104.9W	
h ABOUT 33KM	
TUC E(P)	15 18 03.9
ALQ IP	15 18 26.0
EUR IP	15 19 42.8
BOZ EP	15 20 22.5
BMO EP	15 20 29.2
SEP 9	
H-15 36 57.3	
61.4N 147.8W	
h ABOUT 58KM	
COL IP	15 37 50.6
SIT E(P)	15 38 43.0
NEW IP	15 41 45.3
BMO IP	15 42 10.7
BOZ EP	15 42 28.3
EpP	42 42.5
EUR IP	15 42 56.9
ALQ IP	15 44 04.6
SEP 9	
BMO E(P)	16 06 59.6
SEP 9	
H-17 43 58.4	
36.7N 108.3W	
h ABOUT 33KM	
ALQ IP	17 44 35.5
IL	45 09.0
GCA EP	17 44 41.0
SEP 9	
TUC (PN)	17 45 55.0
EL	47 05.0
SLD E(P)	17 46 08.9
IL	46 54.8

Date and Station	Phase (GCT)
	h m s
ALQ EP	17 46 11.5
I	49 23.0
I	50 17.5
EUR E(P)	17 47 18.5
BOZ E(P)	17 48 25.0
E	58 00.0
SEP 9	
H-18 20 20.4	
45.5N 150.1E	
h ABOUT 100KM	
COL IP	18 27 34.4
NEW EP	18 30 15.0
BMO E(P)	18 30 29.5
BOZ EP	18 30 44.5
EUR IP	18 30 57.0
IpP	31 22.0
SEP 9	
H-18 33 50.7	
49.2N 129.5W	
h ABOUT 15KM	
NEW EP	18 35 51.0
BMO EP	18 36 07.6
HHM EP	18 36 19.0
BUT E(P)	18 36 32.4
BOZ EP	18 36 51.7
SLD IP D	18 37 04.0
EUR IP	18 37 08.2
COL IP	18 38 06.0
ES	41 44.0
TUC EP	18 38 46.0
E(S)	42 52.0
ALQ IP	18 38 48.0
SEP 9	
COL E(P)	18 34 16.0
SEP 9	
H-18 39 57.8	
10.8N 069.5W	
h ABOUT 8KM	
SJG IP	18 41 52.3
IS	43 13.5
ET	48 15.0
BHP EP D	18 42 24.0
ES	44 12.0
ALQ IP	18 47 46.4
TUC EP	18 48 05.0
EUR IP	18 48 56.1
HHM EP	18 49 15.0

Date and Station	Phase (GCT)
	h m s
BMO EP	18 49 17.3
SLD EP	18 49 19.6
NEW EP	18 49 27.0
COL EP	18 51 42.0
SEP 9	
H-20 42 07.5	
14.7N 052.3E	
h ABOUT 38KM	
BOZ EP'	21 00 53.0
E	02 05.0
EUR EP'	21 01 06.8
SEP 9	
BOZ EP	21 48 17.5
E	48 28.4
SEP 9	
ALQ IP	21 51 27.0
I	52 10.4
SEP 9	
SJG IP	21 59 20.0
SEP 9	
BOZ E(P)	23 00 34.5
SEP 6	
SJG IP	23 02 02.0
IS	03 23.0
SEP 9	
NEW EP	23 10 17.0
SEP 9	
H-23 12 13.7	
48.8N 156.3E	
h ABOUT 17KM	
COL EP	23 18 51.0
BMO EP	23 21 55.0
BOZ EP	23 22 12.5
EUR IP	23 22 24.2
SEP 9	
H-23 13 20.1	
17.6S 168.0E	
h ABOUT 36KM	
EUR IP	23 26 20.1
BMO E(P)	23 26 24.4
TUC EP	23 26 26.6
SEP 10	
H-00 00 41.2	
48.7N 156.4E	
h ABOUT 26KM	
BOZ E(P)	00 10 40.7
SEP 10	
BMO EP	00 45 57.2
E	46 05.7

Date and Station	Phase (GCT)
	h m s
SEP 10	
BCN E(P)	01 25 38.0
EL	25 56.9
GCA EP	01 25 48.5
EUR IP	01 25 53.1
SEP 10	
H-02 27 48.1	
46.4N 144.3E	
h ABOUT 346KM	
ADK IP	02 32 50.0
COL IP	02 34 52.4
SIT E(P)	02 35 57.0
NEW IP	02 37 34.8
BMO I(P)	02 37 59.0
BOZ EP C	02 38 05.0
EPCP	38 34.5
EUR IP	02 38 16.8
BCN IP C	02 38 35.0
TUC IP C	02 39 03.0
ALQ IP	02 39 06.4
I	40 29.0
SEP 10	
H-03 04 02.7	
37.3N 114.2W	
h ABOUT 33KM	
BCN EP	03 04 26.8
EL	04 46.3
GCA EP	03 04 37.0
EUR IP	03 04 42.8
TUC E(P)	03 05 14.1
BMO EPG	03 06 26.5
SEP 10	
SJG IP	03 04 25.0
IS	05 44.5
SEP 10	
BCN EP	03 29 01.8
EL	29 21.7
GCA EP	03 29 12.3
EUR EP	03 29 18.0
ES	29 47.9
SEP 10	
H-04 13 01.7	
14.5N 092.9W	
h ABOUT 33KM	
ALQ EP	04 18 14.0
TUC E(P)	04 18 17.2
EUR E(P)	04 19 27.1

Date and Station	Phase (GCT)
	h m s
SEP 10	
COL EP	05 01 02.0
SEP 10	
COL EP	05 29 31.0
SEP 10	
EUR EP	09 24 19.8
SEP 10	
ADK IP	10 04 24.8
IS	04 40.2
EUR EP	10 08 15.7
SEP 10	
H-10 09 55.1	
39.5N 040.9E	
h ABOUT 41KM	
NEW EP	10 22 53.0
SEP 10	
H-10 18 25.2	
15.5S 179.2W	
h ABOUT 33KM	
EUR E(P)	10 30 33.5
TUC EP	10 30 38.0
BMO E(P)	10 30 44.0
COL EP	10 30 52.0
ALQ E(P)	10 31 00.0
SEP 10	
BCN E(P)	11 37 56.6
EL	38 14.7
SEP 10	
ADK IP	12 08 42.0
IS	09 52.5
NEW EP	12 13 37.0
SEP 10	
ALQ EP	12 17 13.5
SEP 10	
ALQ IP	13 02 43.2
I	03 26.0
SEP 10	
ADK IP	13 35 33.0
IS	35 48.3
SEP 10	
BOZ E(P)	13 43 09.5
EUR EP	13 43 18.3
SEP 10	
ADK E(P)	13 44 36.7
SEP 10	
H-14 04 53.2	
26.4S 115.1W	
h ABOUT 33KM	
TUC E(P)	14 14 49.0
EUR IP	14 15 37.2

Date and Station	Phase (GCT)
	h m s
BMO EP	14 16 09.2
NEW EP	14 16 30.0
COL EP	14 18 10.0
SEP 10	
H-14 12 48.0	
31.7S 072.0W	
h ABOUT 33KM	
TUC E(P)	14 24 19.3
E	24 32.6
ALQ IP	14 24 21.5
EUR IP	14 25 06.0
BOZ EP	14 25 21.0
BMO EP	14 25 29.6
NEW EP	14 25 41.0
SEP 10	
UKI (P)	15 39 34.5
EUR E(P)	15 40 40.5
BMO E(P)	15 40 46.0
E	40 52.2
SEP 10	
H-16 13 46.4	
.0S 081.0W	
h ABOUT 33KM	
ALQ IP	16 21 37.5
EUR E(P)	16 22 47.9
BOZ EP	16 23 06.0
BMO EP	16 23 22.0
NEW EP	16 23 38.0
SEP 10	
H-16 27 50.1	
30.7S 071.4W	
h ABOUT 45KM	
SJG EP	16 36 30.8
EPP	36 44.6
TUC EP	16 39 16.2
ALQ IP	16 39 18.5
EUR IP	16 40 03.4
BOZ E(P)	16 40 15.5
BMO E(P)	16 40 27.1
SEP 10	
GUA IP	17 18 42.0
SEP 10	
ALQ E(P)	17 20 14.5
BMO E(P)	17 22 47.3
BOZ E(P)	17 23 02.0

Date and Station	Phase (GCT)
	h m s
SEP 10	
H-17 32 02.9	
23.5S 179.9E	
h ABOUT 550KM	
ADK IP	17 42 48.2
BCN IP C	17 43 43.9
TUC IP	17 43 48.4
EPP	45 47.0
EUR IP C	17 43 48.7
EPP	45 49.0
BMO EP	17 43 59.1
ALQ IP	17 44 06.0
BOZ EP	17 44 16.0
SEP 10	
BOZ EP	17 34 50.5
EL	34 58.5
SEP 10	
H-18 05 26.5	
46.9N 153.1E	
h ABOUT 53KM	
COL E(P)	18 12 37.0
EUR EP	18 15 51.3
SEP 10	
H-20 08 59.1	
05.1S 078.6W	
h ABOUT 48KM	
SJG EP	20 14 29.5
E	14 33.5
ALQ E(P)	20 17 27.0
SEP 10	
EUR EP	20 18 09.1
SEP 10	
EUR E(P)	21 27 08.0
SEP 10	
SJG EP	21 49 06.0
ES	50 25.5
SEP 10	
H-21 58 46.7	
19.3N 067.9W	
h ABOUT 26KM	
SJG IP D	21 59 19.9
IS	59 46.0
WSC EP	22 03 34.0
EPCP	07 14.5
ALQ IP	22 05 59.8
TUC E(P)	22 06 26.2
BOZ EP	22 06 58.2
EUR EP	22 07 09.0
BMO EP	22 07 25.3

Date and Station	Phase	(GCT)
		h m s
NEW	IP	22 07 32.0
COL	EP	22 09 47.0
SEP 10		
BOZ	EP	21 59 44.3
	EL	59 52.5
SEP 10		
SJG	EP	22 11 15.5
	IL	11 40.0
SEP 11		
BMO	E(P)	00 27 17.7
SEP 11		
H-01 42 10.4		
27.9N 111.1W		
h ABOUT 21KM		
TUC	E(P)	01 43 15.0
ALQ	IP	01 44 10.0
	I	44 48.5
	IL	46 34.5
BCN	E(P)	01 44 19.0
EUR	EP	01 45 07.6
	IL	48 43.5
SLC	E(P)	01 45 15.5
BMO	EP	01 46 16.9
BOZ	EP	01 46 18.9
HHM	E(P)	01 46 49.9
NEW	EP	01 46 51.0
SEP 11		
TUC	(PN)	01 54 02.5
	EL	55 16.0
SEP 11		
ALQ	IP	02 30 41.0
	I	31 14.0
GCA	E(P)	02 30 51.5
TUC	(PN)	02 31 05.4
SEP 11		
ADK	IP	02 46 17.2
	IS	46 25.0
SEP 11		
H-03 20 53.2		
6.8N 073.0W		
h ABOUT 163KM		
BHP	IP D	03 22 28.0
	IS	23 41.0
SJG	EP	03 23 51.0
	IS	26 07.0
ALQ	IP	03 28 27.5
TUC	IP	03 28 41.1
BCN	IP	03 29 19.3
EUR	IP	03 29 36.3
BOZ	EP	03 29 40.1
BMO	EP	03 30 01.0
NEW	EP	03 30 13.0
	EpP	30 52.0
SEP 11		
BCN	EP	03 34 56.3
	EL	35 15.6
EUR	EP	03 35 11.6
	I	35 17.1
	EL	35 50.5
SEP 11		
ADK	IP	03 42 34.0
SEP 11		
H-03 49 16.3		
58.9S 025.6W		
h ABOUT 58KM		
EUR	EP'	04 08 07.0
BMO	EP'	04 08 14.4
NEW	EP'	04 08 35.0
	E	11 31.0
COL	EP'	04 09 06.4
SEP 11		
EUR	E(P)	04 17 51.7
SEP 11		
ADK	IP	05 30 33.2
	IS	31 27.4
SEP 11		
CED	IP	05 33 25.4
	IS	33 29.3
SEP 11		
BCN	E(P)	05 55 40.6
	EL	55 59.6
SEP 11		
H-06 55 47.7		
53.5N 167.3W		
h ABOUT 30KM		
ADK	EP	06 57 14.5
	ES	58 23.5
COL	E(P)	06 59 20.5
NEW	EP	07 02 09.0
EUR	EP	07 02 58.2
SEP 11		
GCA	E(P)	06 55 52.5
EUR	EP	06 55 55.2
	E	56 01.9
	EL	55 36.8
SEP 11		
H-07 03 18.1		
06.2S 147.3E		
h ABOUT 80KM		
GUA	IP	07 07 45.0
EUR	E(P)	07 16 57.5
SJG	EP'	07 22 47.2
SEP 11		
ALQ	EP	07 05 46.0
SEP 11		
H-07 55 47.3		
21.3S 179.2W		
h ABOUT 595KM		
ADK	IP	08 06 17.4
TUC	EP	08 07 20.0
EUR	EP	08 07 20.2
BMO	E(P)	08 07 29.7
ALQ	EP	08 07 40.7
SEP 11		
COL	E(P)	08 04 12.0
SEP 11		
COL	EP	08 28 11.1
SEP 11		
SLD	E(P)	09 03 00.3
	EL	03 29.5
SEP 11		
SJG	IP	10 28 46.5
	IL	29 18.5
SEP 11		
EUR	EP	10 53 20.4
	E	53 26.5
	ES	53 59.5
SEP 11		
COL	EP	11 04 49.6
BMO	EP	11 07 25.1
EUR	IP	11 07 48.5
SEP 11		
BMO	E(P)	12 06 38.3
SEP 11		
COL	IP	12 07 00.0
SEP 11		
COL	IP	12 20 06.9
SEP 11		
TUC	(PN)	12 22 30.0
SEP 11		
H-13 46 09.3		
56.5N 158.2W		
h ABOUT 33KM		
COL	EP	13 48 31.0
NEW	EP	13 51 40.0
BMO	EP	13 51 58.2
EUR	EP	13 52 37.4
SEP 11		
COL	EP	13 55 06.2
SEP 11		
BMO	EP	14 38 01.6
BOZ	IP	14 38 14.3
SEP 11		
H-15 55 19.4		
27.0N 095.6E		
h ABOUT 27KM		
COL	EP	16 07 07.5
SEP 11		
COL	EP	16 30 18.0
SEP 11		
H-17 38 03.4		
06.8N 072.9W		
h ABOUT 158KM		
SJG	IP C	17 41 01.8
	IS	43 19.0
	ISCP	49 39.2
	ISCS	53 18.0
CSC	IP	17 43 44.0
	E(sP)	44 32.0
	E(S)	48 14.0
WSC	IP	17 44 21.0
	ISCP	50 34.0
ALQ	IP	17 45 38.2
	I	45 57.0
TUC	IP	17 45 52.3
	ESCP	51 15.3
	ES	52 09.0
GCA	IP C	17 46 15.7
BCN	IP C	16 46 28.9
	ISCP	51 35.6
SLC	IP	17 46 31.4
	E	46 43.5
EUR	IP C	17 46 47.2
	IpP	47 20.8
	IsP	47 43.4
BOZ	IP C	17 46 51.9
	E(S)	53 57.5
SLD	IP C	17 47 07.3
	EPCP	48 14.1
	ESCP	
BMO	IP	17 47 11.7
HHM	EP C	17 47 12.9
	EPCP	48 15.9
NEW	IP	17 47 24.5
	EpP	47 58.0

Date and Station	Phase (GCT)
	h m s
UKI EP'	17 47 24.5
SIT EP	17 48 56.8
COL IP C	17 49 42.6
IPCP	49 52.8
IPP	52 38.3
E(S)	59 41.5
ADK I(P)	17 51 09.0
GUA EP'	17 57 03.0
ESKP	18 00 28.0
SEP 11	
BHP IP D	17 55 39.7
IS	56 54.0
SEP 11	
BCN E(P)	18 26 26.6
SEP 11	
BUT EP	18 46 57.0
SEP 11	
H-19 25 24.5	
37.6N 118.5W	
h ABOUT 33KM	
SLD IP C	19 26 00.0
IS	26 26.3
EUR EP	19 26 08.0
I	26 13.6
IS	26 42.4
SEP 11	
COL EP	19 50 39.5
ES	51 28.7
SEP 11	
H-20 36 18.4	
39.6N 120.2W	
h ABOUT 33KM	
SLD IP	20 37 01.0
IL	37 34.6
EUR IP	20 37 09.0
SEP 11	
BCN E(P)	21 33 59.2
SEP 11	
COL E(P)	21 56 08.2
SEP 11	
TUC E(P)	22 34 03.8
SEP 11	
ALQ EP	23 15 11.6
SEP 11	
BOZ EP	23 30 18.0
SEP 12	
BCN EP	00 26 59.0
EL	27 18.7
SEP 12	
BCN EP	00 28 56.3
EL	29 15.6

Date and Station	Phase (GCT)
	h m s
SEP 12	
H-00 42 26.9	
15.9S 167.1E	
h ABOUT 71KM	
COL EP	00 55 06.0
EUR IP	00 55 22.2
SEP 12	
GCA E(P)	01 27 09.4
EUR EP	01 27 14.7
I	27 21.6
IL	27 53.6
SEP 12	
BMO E(P)	01 28 11.3
SEP 12	
GCA IP	01 29 07.0
EUR E(P)	01 29 11.9
I	29 15.9
ALQ E(P)	01 29 59.4
SEP 12	
EUR EP	01 54 33.3
SEP 12	
EUR EP	02 03 38.0
BMO EP	02 04 03.2
SEP 12	
ADK E(P)	02 19 44.5
ES	20 37.0
SEP 12	
COL EP	05 08 46.0
SEP 12	
H-05 44 52.0	
11.2N 069.2W	
h ABOUT 33KM	
SJG EP	05 46 41.5
IS	48 01.5
EUR E(P)	05 53 46.9
SEP 12	
TUC E(P)	07 06 25.0
SEP 12	
NEW EP	08 54 31.0
E	55 06.0
SEP 12	
SJG EP	09 10 11.8
IS	10 24.5
SEP 12	
COL EP	10 31 09.0
SEP 12	
SJG IP	10 32 16.0
IS	32 39.1
SEP 12	
SJG E(P)	11 09 31.5
IS	10 48.5

Date and Station	Phase (GCT)
	h m s
SEP 12	
COL EP	11 16 26.0
SEP 12	
H-11 29 35.8	
23.0S 170.6E	
h ABOUT 14KM	
GUA EP	11 37 47.0
ES	44 21.0
ADK EP	11 41 19.4
IS	50 59.2
UKI E(P)	11 42 25.5
SLD IP	11 42 26.6
ES	52 37.0
BCN IP	11 42 44.0
EUR IP C	11 42 48.2
EPP	46 21.4
ESKS	53 21.6
EPKKP	12 00 02.5
IP'P'	08 11.5
COL EP	11 42 48.4
I	43 01.0
ESKS	53 23.0
TUC EP	11 42 51.3
ESKS	53 24.0
BMO EP	11 42 55.1
EPKKP	59 58.0
NEW EP	11 43 02.0
ALQ IP	11 43 11.0
BUT EP	11 43 11.0
ESKS	53 22.0
BOZ EP	11 43 13.2
EPP	47 11.5
ESKS	53 52.0
BHP EP	11 44 08.0
WSC EP'	11 48 18.0
SJG EP'	11 48 39.0
I	48 50.5
EPP	50 37.0
ESKP	51 51.0
ISKS	55 48.0
SEP 12	
COL EP	12 29 26.0
SEP 12	
H-12 40 06.2	
23.0S 170.6E	
h ABOUT 33KM	
EUR EP	12 53 16.1
COL EP	12 53 17.0
SEP 12	
EUR EP	13 05 18.8
E	08 01.7

Date and Station	Phase (GCT)
	h m s
SEP 12	
H-13 14 13.1	
23.1S 170.6E	
h ABOUT 33KM	
EUR E(P)	13 27 23.5
SEP 12	
CED IP	13 17 48.9
IS	18 04.1
BCN E(P)	13 18 26.8
EL	19 26.2
EUR IP	13 18 58.2
SEP 12	
H-13 18 15.8	
22.9S 170.0E	
h ABOUT 33KM	
EUR EP	13 31 26.9
SEP 12	
H-14 02 56.8	
23.0S 170.4E	
h ABOUT 33KM	
EUR EP	14 16 05.9
SEP 12	
H-14 05 20.7	
22.8S 170.4E	
h ABOUT 33KM	
EUR IP	14 18 30.0
COL EP	14 18 32.0
SEP 12	
H-14 10 16.3	
23.1S 170.5E	
h ABOUT 33KM	
EUR EP	14 23 26.5
SEP 12	
ADK IP	14 11 08.2
IS	11 32.1
SEP 12	
H-15 30 00.0	
36.9N 116.0W	
h ABOUT 0KM	
BCN IP C	15 30 23.6
EUR IP	15 30 43.8
GCA IP	15 30 55.5
SLD E(P)	15 31 06.4
TUC EP	15 31 34.6
EL	33 19.0
ALQ IP	15 31 58.8
I	32 27.0
IL	34 16.0
BMO EPN	15 32 01.3
BOZ EP	15 32 19.0
EL	35 07.0

Date and Station	Phase (GCT)
	h m s
NEW EP	15 32 49.0
SEP 12	
H-16 41 02.1	
39.4N 120.1W	
h ABOUT 11KM	
UKI IP C	16 41 43.0
SLD EP	16 41 43.6
I	41 45.2
EUR IP	16 41 52.9
BCN EP	16 42 24.7
I	42 46.4
CED EP	16 42 27.6
I	42 29.1
BMO EPN	16 42 31.0
SLC EP	16 42 40.4
EL	44 30.4
GCA EP	16 42 50.0
I	42 51.8
BUT EP	16 45 12.1
BOZ EP	16 43 13.0
I	43 15.5
ES	44 54.0
NEW IP	16 43 17.3
TUC EP	16 43 36.3
ES	45 29.0
ALQ IP	16 43 53.0
I	44 15.0
IL	47 11.5
SIT E(P)	16 45 40.0
E(S)	49 36.0
COL EP	16 47 13.0
ES	52 28.0
WSC EP	16 47 40.0
ESCS	58 15.5
ADK IP	16 48 42.4
SJG EP	16 50 10.0
SEP 12	
COL EP	16 46 33.0
SEP 12	
H-16 51 14.9	
39.4N 120.3W	
h ABOUT 33KM	
UKI E(P)	16 51 52.5
SLD IP	16 51 54.3
IL	52 28.2
SEP 12	
H-16 53 37.9	
39.4N 120.3W	
h ABOUT 25KM	

Date and Station	Phase (GCT)
	h m s
SLD IP	16 54 17.3
IL	54 51.3
SEP 12	
H-17 02 23.9	
39.4N 120.2W	
h ABOUT 33KM	
SLD EP	17 03 05.5
E(S)	03 36.0
SEP 12	
H-17 16 56.7	
39.4N 120.3W	
h ABOUT 7KM	
SLD IP	17 17 38.2
IL	18 13.5
BMO E(P)	17 18 26.0
GCA E(P)	17 18 46.0
SEP 12	
GUA EP	17 24 57.0
IS	25 11.0
SEP 12	
H-17 19 23.7	
39.5N 120.0W	
h ABOUT 33KM	
UKI E(P)	17 20 03.5
SLD IP	17 20 05.5
IL	20 39.6
SEP 12	
H-17 20 13.3	
39.4N 120.2W	
h ABOUT 33KM	
SLD IP	17 20 53.2
IL	21 25.1
BCN E(P)	17 21 38.4
I	21 53.1
EL	23 18.0
BMO EPN	17 21 39.4
GCA EP	17 21 58.7
NEW IP	17 22 25.5
TUC E(P)	17 22 43.6
ALQ IP	17 23 01.2
SEP 12	
HHM IP D	17 43 28.9
IL	46 08.4
SEP 12	
BHP EP	17 49 41.0
SEP 12	
H-17 44 41.6	
39.4N 120.1W	
h ABOUT 33KM	
SLD IP	17 45 21.8
IL	45 54.5

Date and Station	Phase (GCT)
	h m s
NEW EP	17 46 54.0
SEP 12	
BMO E(P)	17 48 04.5
SEP 12	
H-18 02 34.0	
39.3N 120.3W	
h ABOUT 33KM	
SLD EP	18 03 11.0
E	03 45.0
SEP 12	
SLD E(P)	18 18 11.2
IL	18 44.7
SEP 12	
H-18 42 49.1	
39.5N 120.4W	
h ABOUT 33KM	
SLD EP	18 43 29.2
IL	44 01.8
SEP 12	
SLD E(P)	18 50 57.0
EL	51 27.8
SEP 12	
SLD E(P)	18 57 04.6
EL	57 38.6
SEP 12	
SLD EP	19 05 12.5
IL	05 46.2
SEP 12	
SLD EP	19 09 47.4
IL	10 19.7
SEP 12	
SLD E(P)	22 09 42.7
EL	10 16.3
SEP 12	
ALQ IP	22 26 12.0
IS	26 52.0
SEP 12	
SLD E(P)	22 46 03.9
EL	46 37.2
SEP 12	
COL IP	22 54 41.4
SEP 13	
H-00 50 43.3	
23.0S 170.6E	
h ABOUT 32KM	
SLD E(P)	01 03 31.7
COL IP	01 03 54.2
TUC E(P)	01 03 55.8
BMO E(P)	01 03 59.8
ALQ E(P)	01 04 16.0
SJG EP'	01 09 44.0

Date and Station	Phase (GCT)
	h m s
SEP 13	
SLD E(P)	01 37 17.3
EL	37 24.8
SEP 13	
EUR E(P)	02 22 49.5
ES	23 39.2
SEP 13	
H-02 49 41.9	
37.3N 114.2W	
h ABOUT 33KM	
BCN EP	02 50 06.5
EL	50 25.2
GCA EP	02 50 16.5
EUR IP	02 50 21.6
SEP 13	
SLD E(P)	03 03 49.1
E(L)	04 21.0
SEP 13	
H-03 12 08.6	
82.9N 031.4W	
h ABOUT 33KM	
BMO E(P)	03 20 24.8
SEP 13	
EUR IP	03 52 39.5
SEP 13	
EUR E(P)	04 59 37.0
E	59 46.9
SEP 13	
H-05 30 18.4	
59.5N 149.8W	
h ABOUT 33KM	
COL EP	05 31 41.4
NEW EP	05 35 16.0
BMO E(P)	05 35 36.8
EUR IP	05 36 18.8
SEP 13	
H-06 31 46.1	
37.0N 121.1W	
h ABOUT 10KM	
SLD IP	06 31 51.5
IS	31 55.2
EUR E(P)	06 33 16.0
EL	34 20.5
SEP 13	
EUR E(P)	06 57 57.3
ES	58 43.2
SEP 13	
EUR E(P)	07 26 24.6
SEP 13	
H-07 44 56.6	
23.1S 170.5E	
h ABOUT 33KM	

Date and Station	Phase (GCT)
	h m s
COL EP	07 58 09.0
SEP 13	
COL EP	07 59 28.0
SEP 13	
H-08 42 56.6	
39.4N 120.2W	
h ABOUT 33KM	
UKI E(P)	08 43 35.0
SLD EP	08 43 36.0
I	43 37.3
EL	44 10.2
EUR IP C	08 43 46.0
I	43 54.0
IL	44 38.0
SEP 13	
H-09 38 56.5	
23.1S 170.6E	
h ABOUT 33KM	
EUR EP	09 52 06.4
SEP 13	
COL EP	09 53 35.0
BCN IP	09 58 17.5
EUR EP	09 59 27.3
SEP 13	
COL EP	11 39 56.6
SEP 13	
TUC E(P)	12 17 09.7
E	17 16.0
SEP 13	
EUR EP	13 05 51.5
E	06 33.5
SEP 13	
COL IP	13 20 33.1
SEP 13	
UKI E(P)	13 32 53.2
SEP 13	
H-14 15 18.0	
21.9S 066.3W	
h ABOUT 215KM	
ALQ EP	14 25 56.2
BMO E(P)	14 27 10.4
SEP 13	
EUR IP	14 49 54.2
SEP 13	
BMO IP	16 57 12.0
BOZ E(P)	16 58 06.0
IL	17 00 05.5
SEP 13	
ALQ IP	17 42 32.0
I	43 08.5

Date and Station	Phase (GCT)
	h m s
SEP 13	
ALQ IP	18 39 53.5
I	40 19.0
SEP 13	
SLD E(P)	19 06 35.8
EL	07 08.5
EUR IP	19 06 46.3
SEP 13	
H-20 16 24.3	
39.5N 120.3W	
h ABOUT 33KM	
UKI E(P)	20 17 03.0
SLD IP	20 17 03.8
IL	17 37.1
EUR IP	20 17 14.2
SEP 13	
H-20 23 50.4	
39.1N 040.7E	
h ABOUT 31KM	
NEW EP	20 36 52.0
BMO E(P)	20 37 05.6
SEP 13	
SJG EP	20 27 28.5
IS	27 50.6
SEP 13	
H-21 00 03.5	
39.5N 120.2W	
h ABOUT 33KM	
SLD EP	21 00 44.6
EL	01 17.2
EUR IP	21 00 54.2
SEP 13	
EUR EP	21 24 54.8
ES	25 39.5
SEP 13	
H-21 26 44.9	
36.5N 138.1E	
h ABOUT 50KM	
COL IP	21 35 42.2
BMO EP	21 38 17.9
BOZ EP	21 38 33.2
EUR EP	21 38 41.1
SEP 13	
H-22 24 04.4	
39.4N 120.2W	
h ABOUT 33KM	
SLD EP	22 24 45.1
EL	25 17.2
EUR IP	22 24 54.5

Date and Station	Phase (GCT)
	h m s
SEP 13	
H-22 53 57.2	
24.0S 175.4W	
h ABOUT 36KM	
TUC EP	23 06 22.2
EUR IP	23 06 25.8
GCA EP	23 06 34.0
BMO EP	23 06 36.9
EPP	06 49.2
ALQ IP	23 06 44.6
NEW EP	23 06 47.0
BOZ EP	23 06 55.0
COL EP	23 06 58.0
SEP 13	
H-23 45 16.6	
09.4N 126.1E	
h ABOUT 72KM	
GUA E(P)	23 49 26.0
COL EP	23 57 18.5
NEW EP	23 58 57.0
BMO E(P)	23 59 03.3
EUR E(P)	23 59 21.7
EPP	04 03 28.0
SJG EP'	24 05 01.3
SEP 13	
H-23 46 38.1	
53.6N 035.2W	
h ABOUT 33KM	
BOZ EP	23 55 15.0
NEW EP	23 55 25.0
BMO EP	23 55 40.9
ALQ E(P)	23 55 47.0
EUR E(P)	23 56 03.0
SEP 13	
H-23 54 13.4	
53.8N 035.2W	
h ABOUT 33KM	
NEW EP	24 02 59.0
BMO E(P)	24 03 16.4
EUR E(P)	24 03 39.9
SEP 14	
H-00 12 25.1	
23.1S 170.7E	
h ABOUT 19KM	
COL EP	00 25 38.0

Date and Station	Phase (GCT)
	h m s
SEP 14	
H-00 20 59.2	
23.1S 170.6E	
h ABOUT 33KM	
EUR EP	00 34 08.5
SEP 14	
SLD EP	00 24 36.9
EL	25 09.0
SEP 14	
SJG IP	00 43 16.5
I	43 31.0
IL	44 27.5
SEP 14	
H-00 47 05.0	
14.5N 056.4E	
h ABOUT 33KM	
BMO EP'	01 06 01.7
EUR IP'	01 06 06.5
SEP 14	
ALQ IP	01 01 25.6
I	01 42.5
SEP 14	
H-01 14 24.1	
36.4N 138.0E	
h ABOUT 73KM	
GUA E(P)	01 19 28.0
COL EP	01 23 21.0
NEW EP	01 25 43.0
BMO EP	01 25 55.4
EUR IP	01 26 18.9
SEP 14	
COL EP	01 35 13.0
EUR E(P)	01 35 42.3
SEP 14	
TUC EP	02 32 51.3
ALQ IP	02 32 52.0
SEP 14	
COL EP	02 44 38.0
I	44 57.8
SEP 14	
COL EP	03 13 32.0
SEP 14	
COL EP	04 01 54.0
SEP 14	
COL EP	04 20 01.0
SEP 14	
H-04 57 58.8	
23.7S 176.0W	
h ABOUT 156KM	
EUR EP	05 10 14.1

Date and Station	Phase	(GCT) h m s
ALQ	EP	05 10 33.1
COL	EP	05 10 46.1
SEP 14		
EUR	E(P)	05 30 31.3
SEP 14		
TUC	EP	06 02 20.5
SEP 14		
ALQ	EP	06 16 54.0
	I	20 21.5
	I	20 49.5
SEP 14		
COL	EP	06 27 50.0
SEP 14		
COL	EP	06 42 11.0
SEP 14		
SJG	EP	07 05 54.0
	IS	06 26.0
SEP 14		
COL	EP	07 35 04.0
SEP 14		
COL	EP	08 34 45.0
SEP 14		
ALQ	E(P)	10 00 11.0
EUR	IP	10 01 25.0
BMO	EP	10 01 57.0
SEP 14		
BOZ	IP	10 56 13.5
	IL	56 31.0
SEP 14		
ALQ	EP	11 29 56.0
	I	31 32.0
SEP 14		
H-11 56 34.8		
37.3N 114.2W		
h ABOUT 33KM		
BCN	EP	11 57 00.0
	EL	57 21.0
GCA	EP	11 57 09.2
EUR	IP	11 57 14.2
ALQ	E(P)	11 58 20.7
SEP 14		
COL	EP	12 11 39.0
SEP 14		
COL	EP	12 19 52.0
NEW	EP	12 22 28.0
SEP 14		
GUA	E(P)	12 21 04.0
SEP 14		
COL	IP	12 37 20.9

Date and Station	Phase	(GCT) h m s
SEP 14		
H-14 07 09.6		
22.8S 170.7E		
h ABOUT 33KM		
EUR	EP	14 20 18.7
SEP 14		
COL	EP	14 27 39.0
SEP 14		
H-14 34 41.0		
61.6N 146.3W		
h ABOUT 33KM		
COL	IP	14 35 32.1
NEW	EP	14 39 26.0
EUR	EP	14 40 38.5
SEP 14		
BMO	E(P)	15 25 33.0
SEP 14		
COL	EP	17 21 54.0
SEP 14		
TUC	EP	17 33 36.9
	EL	34 49.0
SEP 14		
COL	EP	17 35 55.0
SEP 14		
COL	EP	17 49 26.0
SEP 14		
COL	EP	18 12 42.0
SEP 14		
BMO	E(P)	18 29 06.3
SEP 14		
COL	EP	18 41 38.0
SEP 14		
H-19 39 34.7		
16.8N 099.5W		
h ABOUT 84KM		
TUC	E(P)	19 43 45.8
ALQ	I(P)	19 43 52.0
SEP 14		
ADK	IP	20 42 41.0
	IS	42 48.8
SEP 14		
SLD	EP	20 43 45.8
	EL	44 19.6
EUR	IP	20 43 54.1
SEP 14		
CED	IP	20 48 05.1
	IS	48 21.5
SEP 14		
ADK	IP	20 42 41.0
	IS	42 48.8

Date and Station	Phase	(GCT) h m s
SEP 14		
H-21 03 18.1		
25.6S 177.7W		
h ABOUT 160KM		
TUC	EP	21 15 42.2
EUR	IP C	21 15 44.4
BMO	EP	21 15 55.7
ALQ	EP	21 16 02.5
SEP 14		
SLD	EP	21 21 18.0
	IL	21 51.3
EUR	EP	21 21 25.8
	I	21 34.0
	ES	22 10.5
SEP 14		
H-22 00 32.7		
39.4N 120.2W		
h ABOUT 11KM		
UKI	E(P)	22 01 12.0
SLD	IP	22 01 14.0
	IL	01 48.5
EUR	IP	22 01 23.2
BMO	EPN	22 02 01.1
NEW	EP	22 02 48.0
	IL	05 31.0
ALQ	E(P)	22 03 36.0
SEP 14		
ADK	IP	22 14 36.0
	IS	14 43.9
SEP 14		
H-22 15 59.7		
39.4N 120.1W		
h ABOUT 33KM		
SLD	EP	22 16 40.6
	IL	17 12.2
EUR	EP	22 16 48.5
	IL	17 38.5
SEP 14		
ALQ	IP	22 27 46.0
	I	27 54.0
	IS	28 34.0
SEP 14		
SLD	IP	22 38 30.5
	IL	38 35.6
SEP 14		
H-22 40 26.7		
39.4N 120.2W		
h ABOUT 4KM		
UKI	EP	22 41 07.2
SLD	IP	22 41 09.7
	EL	41 41.4

Date and Station	Phase	(GCT) h m s
EUR	IP	22 41 18.8
BMO	EPN	22 41 56.3
SLC	E(P)	22 42 02.9
	E	42 14.9
NEW	EP	22 42 42.0
	EL	45 14.0
BOZ	E(P)	22 42 42.0
	I	43 03.0
HHM	E(P)	22 42 56.6
	EL	45 41.1
TUC	E(P)	22 43 05.0
	EL	45 53.0
ALQ	EP	22 43 18.0
SEP 14		
SLD	EP	22 49 31.7
	EL	50 03.6
SEP 14		
EUR	EP	22 55 53.5
SEP 14		
H-23 18 40.8		
60.2S 027.2W		
h ABOUT 22KM		
BHP	IP C	23 30 51.0
SJG	EP	23 31 08.0
	EPP	34 19.0
	ES	41 24.0
TUC	E(P)	23 33 26.0
	EP'	37 21.0
ALQ	IP	23 33 34.0
	IP'	37 16.5
	IPP	38 08.0
SLD	EP'	23 37 36.7
EUR	IP'	23 37 36.8
BOZ	EP	23 34 20.0
	EP'	37 38.5
	EPP	39 34.5
BMO	EP'	23 37 43.0
HHM	EP'	23 37 44.1
	E	38 02.1
NEW	EP'	23 37 49.0
	EPP	40 06.0
GUA	EP'	23 37 58.0
	EPP	40 30.0
COL	EP'	23 38 25.8
	IP'	38 36.9
	I	38 46.0
	I	39 30.0
	EPP	42 12.6
ADK	EP'	23 38 37.5
	E	39 25.7

Date and Station	Phase (GCT)
	h m s
SEP 14	
HHM EP	23 41 04.1
SEP 14	
SLD EP	23 45 55.7
EL	46 26.2
EUR EP	23 46 07.5
I	46 10.8
IS	46 52.5
SEP 14	
SLD EP	23 48 59.1
EL	49 29.2
EUR E(P)	23 49 12.8
I	49 15.7
IS	49 57.4
NEW EP	23 49 58.0
HHM E(P)	23 50 57.1
SEP 14	
NEW EP	23 54 27.0
SEP 15	
H-00 40 10.6	
60.6S 027.8W	
h ABOUT 33KM	
BMO EP'	00 59 11.6
COL EP'	01 00 19.4
SEP 15	
H-01 46 29.1	
60.4S 026.9W	
h ABOUT 33KM	
BOZ EP'	02 05 24.5
EPP	07 20.0
BMO EP'	02 05 31.0
E	05 57.5
COL EP'	02 06 32.5
SEP 15	
NEW EP	02 08 58.0
SEP 15	
H-02 24 52.1	
60.3S 027.1W	
h ABOUT 33KM	
SJG EP	02 37 18.0
ALQ EP'	02 43 29.5
IPP	44 26.2
EUR IP'	02 43 45.7
EPP	45 23.5
SLD EP'	02 43 47.8
BOZ EP'	02 43 51.5
EPP	45 41.5
HHM EP'	02 43 56.8
COL EP'	02 44 34.5
I	44 45.2
I	44 57.4

Date and Station	Phase (GCT)
	h m s
SEP 15	
ADK EP	02 45 33.1
SEP 15	
H-02 53 38.7	
60.2S 026.6W	
h ABOUT 33KM	
BOZ EP'	03 12 50.0
COL EP'	03 13 32.7
IP'	13 44.6
I	15 14.6
SEP 15	
H-03 58 21.7	
53.5N 167.3W	
h ABOUT 33KM	
ADK EP	03 59 48.5
COL EP	04 01 54.6
EPCP	06 43.0
NEW IP	04 04 43.0
BMO E(P)	04 04 57.4
EUR IP	04 05 32.8
TUC EP	04 06 36.0
SEP 15	
ALQ EP	04 08 19.5
SEP 15	
H-04 07 05.1	
23.6S 175.8W	
h ABOUT 67KM	
GUA EP	04 16 18.0
ES	23 51.0
ADK EP	04 18 40.5
SLD E(P)	04 19 06.2
TUC E(P)	04 19 27.2
EUR IP	04 19 30.2
BMO E(P)	04 19 40.3
ALQ IP	04 19 46.2
NEW EP	04 19 53.0
BOZ EP	04 20 00.0
I	20 14.9
COL EP	04 20 01.8
SEP 15	
EUR IP	04 56 02.7
SEP 15	
ADK E(P)	05 38 21.5
SEP 15	
EUR EP	05 44 06.2

Date and Station	Phase (GCT)
	h m s
SEP 15	
H-06 07 56.3	
60.1S 026.7W	
h ABOUT 33KM	
BOZ EP'	06 26 56.5
EPP	28 51.0
BMO EP'	06 26 58.1
COL EP'	06 27 50.3
IP'	28 02.2
SEP 15	
H-06 22 07.1	
60.2S 026.8W	
h ABOUT 33KM	
BMO EP'	06 41 09.4
EUR EP'	06 41 10.2
COL EP'	06 42 11.8
SEP 15	
NEW EP	06 30 25.0
SEP 15	
H-07 46 56.3	
23.0S 170.6E	
h ABOUT 40KM	
EUR EP	08 00 05.0
SEP 15	
H-07 50 55.3	
08.1S 117.1E	
h ABOUT 195KM	
NEW EP'	08 09 23.0
BMO EP'	08 09 23.8
EUR IP'C	08 09 30.5
BOZ IP'	08 09 32.0
ALQ EP'	08 09 47.7
SEP 15	
SLD E(P)	07 55 35.9
EL	56 07.0
EUR IP	07 55 42.3
SEP 15	
SLD E(P)	08 05 25.2
EL	05 59.1
SEP 15	
TUC E(P)	08 12 41.2
ALQ IP	08 12 50.4
SEP 15	
BMO EP	08 33 46.0
E	33 54.0
SEP 15	
COL EP	08 34 45.3
SEP 15	
ADK IP	08 43 06.5

Date and Station	Phase (GCT)
	h m s
SEP 15	
NEW EP	08 48 00.0
SEP 15	
BCN E(P)	09 54 38.6
SEP 15	
NEW EP	10 29 50.0
SEP 15	
H-10 37 16.0	
19.1N 107.7W	
h ABOUT 33KM	
TUC E(P)	10 40 28.0
ALQ IP	10 41 03.6
I	41 11.5
BCN EP	10 41 26.5
EUR IP	10 42 05.2
SLC EP	10 42 13.0
BOZ EP	10 42 53.0
BMO E(P)	10 42 54.6
NEW EP	10 43 22.0
EPCP	46 23.0
SJG EP	10 44 44.5
SEP 15	
H-11 51 56.4	
60.2S 026.8W	
h ABOUT 33KM	
SJG EP	12 04 23.6
ES	14 42.0
ALQ IP'	12 10 30.0
IPP	11 36.5
TUC EP'	12 10 37.5
BCN EP'	12 10 44.7
EUR EP'	12 10 51.3
E(PP)	12 38.5
SLD EP'	12 10 52.9
BOZ EP'	12 10 56.0
EPP	12 50.5
BMO EP'	12 10 58.4
NEW EP'	12 11 02.0
ISKP	14 25.0
HHM EP'	12 11 02.0
COL EP'	12 11 38.8
IP'	11 50.5
I	12 04.6
SEP 15	
H-11 59 57.6	
60.2S 026.4W	
h ABOUT 33KM	

Date and Station	Phase (GCT) h m s
EUR EP'	12 18 53.5
E(PP)	20 41.8
BOZ EP'	12 19 03.0
EPP	20 47.0
BMO EP'	12 19 18.8
COL EP'	12 19 51.5
I	20 12.9
SEP 15	
SLD E(P)	12 05 03.6
IL	05 36.4
EUR EP	12 05 12.0
I	05 21.2
ES	06 01.7
SEP 15	
GUA E(P)	12 10 06.0
ES	14 35.0
SEP 15	
ADK IP	12 12 41.3
SEP 15	
H-12 24 53.5	
10.1S 161.0E	
h ABOUT 28KM	
COL IP	12 37 21.0
BMO EP	12 37 57.6
EUR IP	12 37 57.8
BCN E(P)	12 38 57.5
SEP 15	
COL EP	12 29 35.5
SEP 15	
ADK IP	12 32 53.5
SEP 15	
EUR EP	13 14 56.4
SEP 15	
BMO EP	14 07 51.7
SEP 15	
H-14 14 19.0	
22.8S 170.6E	
h ABOUT 24KM	
COL EP	14 27 30.4
SEP 15	
SLD EP	14 18 47.4
IL	19 19.6
EUR IP	14 18 54.7
SEP 15	
GUA E(P)	14 22 36.0
IS	22 56.0
SEP 15	
H-14 41 37.9	
37.3N 114.3W	
h ABOUT 34KM	

Date and Station	Phase (GCT) h m s
BCN IP	14 42 00.8
IL	42 19.0
GCA EP	14 42 12.5
I	42 13.7
IS	42 39.5
EUR IP	14 42 18.2
SLC E(P)	14 42 53.0
TUC EPN	14 43 02.8
EL	44 36.5
SLD E(P)	14 43 18.3
EL	44 36.5
ALQ IP	14 43 18.4
IL	45 01.0
BOZ E(P)	14 43 54.0
SEP 15	
H-17 10 46.9	
22.9N 121.4E	
h ABOUT 46KM	
GUA EP	17 16 01.0
ES	20 12.0
ADK EP	17 20 15.9
COL EP	17 21 54.5
EPP	24 35.4
NEW IP	17 23 52.5
EPP	27 36.0
HHM EP	17 24 00.3
BMO IP	17 24 01.2
SLD E(P)	17 24 07.0
BOZ EP	17 24 14.0
EUR EP	17 24 22.2
EPP	28 24.5
TUC EP'	17 29 07.4
SEP 15	
EUR EP	17 13 13.7
SEP 15	
H-17 24 45.8	
22.9N 121.4E	
h ABOUT 47KM	
GUA EP	17 30 00.0
COL EP	17 35 55.7
SEP 15	
ALQ E(P)	17 28 15.4
I	29 13.0
BCN E(P)	17 28 57.2
SEP 15	
BOZ EP	17 38 24.0

Date and Station	Phase (GCT) h m s
SEP 15	
H-17 48 30.7	
38.7S 073.1W	
h ABOUT 63KM	
EUR IP	18 01 11.2
SEP 15	
SLD EP	18 29 21.9
EL	29 40.1
SEP 15	
NEW EP	18 32 00.0
SEP 15	
ALQ IP	19 00 59.0
I	01 24.5
SEP 15	
H-19 17 35.4	
20.0S 069.1W	
h ABOUT 131KM	
BOZ EP	19 29 09.5
BMO EP	19 29 22.1
SEP 15	
GCA IP	19 32 20.8
E	32 43.7
EUR EP	19 32 25.4
ES	32 57.5
SEP 15	
H-19 53 44.0	
10.9S 164.2E	
h ABOUT 20KM	
COL EP	20 06 11.0
SEP 15	
EUR E(P)	20 01 48.8
SEP 15	
ALQ IP	20 05 50.0
I	06 30.0
GCA EP	20 06 53.5
ES	07 17.0
SEP 15	
BOZ EP	20 58 35.0
SEP 15	
BOZ IP	20 59 05.5
IS	59 14.0
SEP 15	
ALQ EP	21 20 24.7
E	20 55.4
SEP 15	
H-21 21 02.0	
05.1N 078.1W	
h ABOUT 34KM	
EUR EP	21 29 44.3
BOZ EP	21 29 53.5
SEP 15	
ALQ IP	21 47 43.0
I	48 09.5

Date and Station	Phase (GCT) h m s
SEP 16	
COL EP	00 10 05.0
SEP 16	
COL EP	00 21 52.0
SEP 16	
SJG EP	00 58 06.8
ES	58 24.8
SEP 16	
H-02 48 21.3	
54.0N 163.4W	
h ABOUT 32KM	
ADK EP	02 50 22.0
I	50 23.7
ES	51 52.3
COL E(P)	02 51 30.4
I	51 35.0
EL	55 39.0
NEW IP	02 54 22.0
BMO EP	02 54 36.9
BOZ EP	02 55 02.0
EUR IP D	02 55 12.8
E	57 11.4
ESCP	01 26.7
BCN E(P)	02 55 38.7
E	56 47.6
TUC IP	02 56 18.5
ALQ IP	02 56 23.4
IPCP	58 11.0
SJG EP	03 00 27.5
SEP 16	
COL EP	02 51 02.0
ES	55 38.0
SEP 16	
HHM EP	02 56 36.9
SEP 16	
H-03 52 01.0	
05.9S 146.9E	
h ABOUT 87KM	
COL EP	04 04 27.6
SEP 16	
COL IP	05 02 09.3
SEP 16	
EUR EP	07 07 35.0
EL	08 15.0
SEP 16	
H-07 23 44.3	
39.5N 120.1W	
h ABOUT 10KM	
SLD EP	07 24 29.1
E	25 02.1
EUR IP	07 24 36.1

Date and Station	Phase (GCT)
	h m s
SEP 16	
H-07 50 42.5	
1.9S 134.1E	
h ABOUT 37KM	
GUA EP	07 54 57.0
ES	58 56.0
COL EP	08 03 20.0
SEP 16	
ADK E(P)	08 29 43.2
SEP 16	
COL EP	10 33 46.0
SEP 16	
BOZ EP	12 21 59.9
SEP 16	
H-12 28 24.6	
5.2N 082.5W	
h ABOUT 32KM	
BHP IP C	12 29 34.4
SJG EP	12 33 04.0
ALQ IP	12 35 34.4
TUC EP	12 35 40.2
EUR IP	12 36 44.2
BMO E(P)	12 37 15.5
SEP 16	
ADK E(P)	12 57 50.8
SEP 16	
H-13 02 32.5	
23.8S 175.8W	
h ABOUT 68KM	
TUC EP	13 14 53.5
ALQ IP	13 15 16.0
COL E(P)	13 15 26.7
BOZ E(P)	13 15 31.6
SEP 16	
H-13 11 55.1	
22.9S 170.5E	
h ABOUT 33KM	
EUR IP	13 25 03.9
COL IP	13 25 05.0
E▸P	25 14.2
TUC EP	13 25 07.7
E▸P	25 16.5
SEP 16	
H-14 52 50.3	
14.1N 091.4W	
h ABOUT 61KM	
ALQ IP	14 58 09.0
TUC EP	14 58 14.6

Date and Station	Phase (GCT)
	h m s
BOZ E(P)	14 59 44.5
BMO IP	15 00 01.5
COL EP	15 03 14.0
SEP 16	
H-14 54 32.4	
16.2S 171.5W	
h ABOUT 33KM	
TUC EP	15 06 15.5
E▸P	06 24.9
EUR EP	15 06 16.8
BMO EP	15 06 29.7
BOZ EP	15 06 50.9
COL IP	15 06 54.0
E▸P	07 03.4
SEP 16	
CED IP	14 55 50.0
IS	55 54.7
SEP 16	
TUC E(P)	15 01 45.0
SEP 16	
ADK IP	15 49 22.7
IS	49 30.5
SEP 16	
H-17 05 25.3	
18.7S 169.0E	
h ABOUT 213KM	
EUR IP	17 17 56.5
TUC EP	17 18 11.4
ALQ IP	17 18 25.6
I▸P	19 18.2
SEP 16	
H-17 10 37.1	
53.8N 163.1W	
h ABOUT 15KM	
ADK EP	17 12 41.2
I	12 42.8
ES	14 18.0
COL EP	17 13 51.0
EL	18 02.0
NEW EP	17 16 36.0
BMO EP	17 16 52.8
BOZ EP	17 17 21.0
EUR IP	17 17 27.3
SEP 16	
BCN E(P)	17 17 39.8
GCA IP	17 17 51.0
SLC E(P)	17 18 46.2

Date and Station	Phase (GCT)
	h m s
SEP 16	
ALQ IP	17 31 52.4
I	32 28.2
SEP 16	
GCA E(P)	18 42 27.5
EUR IP	18 42 35.1
SEP 16	
ALQ IP	18 51 24.4
I	51 50.0
SEP 16	
NEW EP	19 07 49.0
SEP 16	
ALQ IP	19 57 40.0
I	58 13.5
GCA EP	19 57 45.5
SEP 16	
H-19 59 38.7	
39.5N 120.1W	
h ABOUT 38KM	
SLD EP	20 00 19.5
IS	00 51.0
EUR IP	20 00 28.5
SEP 16	
H-20 16 22.3	
49.5N 156.9E	
h ABOUT 59KM	
COL EP	20 22 48.1
E	23 06.3
SEP 16	
ADK E(P)	22 14 05.7
IS	14 26.2
SEP 16	
CED IP	22 54 35.5
IS	54 52.7
BCN EP	22 55 09.0
EL	55 48.2
EUR EP	22 55 46.0
SEP 16	
BMO E(P)	23 55 42.2
SEP 17	
BMO E(P)	00 35 53.2
SEP 17	
H-00 48 32.4	
26.2S 028.3E	
h ABOUT 37KM	
BMO EP'	01 08 15.9
EUR EP'	01 08 19.1
SEP 17	
H-01 23 19.9	
58.7N 151.6W	
h ABOUT 59KM	

Date and Station	Phase (GCT)
	h m s
COL EP	01 24 55.0
IS	26 10.9
NEW EP	01 28 18.0
EUR IP	01 29 21.8
SEP 17	
BOZ EP	02 57 53.5
SEP 17	
H-03 44 02.2	
23.2S 175.6W	
h ABOUT 102KM	
EUR IP	03 56 20.8
BMO E(P)	03 56 32.3
ALQ IP	03 56 39.0
BOZ EP	03 56 51.0
COL EP	03 56 53.0
SEP 17	
COL EP	04 39 27.8
SEP 17	
EUR EP	04 41 05.6
SEP 17	
EUR EP	04 43 24.6
SEP 17	
COL EP	05 18 18.0
ES	19 00.5
IL	19 12.1
SEP 17	
BMO E(P)	05 22 28.5
SEP 17	
EUR EP	05 59 25.7
SEP 17	
CED EP	06 13 41.1
IS	13 51.0
SEP 17	
SJG EP	06 22 11.5
IS	22 32.8
SEP 17	
COL E(P)	08 49 29.2
SEP 17	
TUC IP	09 25 43.2
E(S)	25 57.0
ALQ IP	09 26 20.0
I	26 31.0
I	27 25.4
SEP 17	
SJG IP	10 09 01.0
IS	09 28.2
SEP 17	
H-10 51 40.8	
17.1S 174.0W	
h ABOUT 115KM	
BCN EP	11 03 23.4

Date and Station	Phase	(GCT) h m s
TUC	EP	11 03 28.4
	EpP	03 56.0
EUR	IP	11 03 28.8
BMO	EP	11 03 40.4
	EpP	04 07.8
ALQ	IP	11 03 52.2
COL	IP	11 03 59.0
SEP 17		
H-11 14 08.C		
3.3N 127.1E		
h ABOUT 95KM		
COL	E(P)	11 26 33.4
SEP 17		
H-12 55 23.4		
5.0S 077.4W		
h ABOUT 87KM		
TUC	EP	13 04 02.3
SEP 17		
BMO	E(P)	13 09 40.8
SEP 17		
COL	EP	13 30 36.0
SEP 17		
BMO	EP	15 06 23.2
COL	E(P)	15 06 34.3
SEP 17		
GCA	E(P)	15 28 38.3
EUR	IP	15 28 41.5
SEP 17		
ALQ	E(P)	15 43 57.5
SEP 17		
GCA	E(P)	16 46 09.0
EUR	IP	16 46 12.9
SEP 17		
COL	EP	16 57 35.0
SEP 17		
H-17 19 01.1		
28.5S 067.5W		
h ABOUT 48KM		
ALQ	IP	17 30 28.0
TUC	EP	17 30 29.0
EUR	IP	17 31 15.0
BMO	EP	17 31 37.8
SEP 17		
H-17 40 06.3		
45.0N 151.2E		
h ABOUT 32KM		
COL	IP	17 47 26.2
SEP 17		
GUA	EP	17 42 13.5
	E(S)	42 32.0
SEP 17		
SJG	IP	18 51 37.5
	IS	51 49.5
SEP 17		
H-18 52 25.2		
18.1S 178.2W		
h ABOUT 605KM		
EUR	EP	19 03 42.1
COL	EP	19 04 01.4
SEP 17		
EUR	E(P)	19 12 49.8
	E(S)	13 31.0
	IL	13 36.3
SEP 17		
H-19 33 57.0		
54.1S 005.3E		
h ABOUT 33KM		
BMO	EP'	19 53 27.2
SEP 17		
BCN	EP	20 09 01.5
	I	09 42.4
TUC	E(P)	20 09 09.4
SEP 17		
H-20 17 26.8		
27.8S 176.5W		
h ABOUT 39KM		
ADK	E(P)	20 29 29.2
SLD	EP	20 29 49.2
TUC	EP	20 30 06.5
BCN	EP	20 30 06.5
EUR	IP	20 30 11.7
ALQ	IP	20 30 27.6
NEW	EP	20 30 34.0
BOZ	EP	20 30 40.0
COL	EP	20 30 45.0
SEP 17		
GUA	E(P)	20 27 32.0
	ES	35 05.0
SEP 17		
H-21 05 26.4		
20.8S 176.2W		
h ABOUT 215KM		
GUA	IP	21 14 09.0
BCN	EP	21 17 19.8
	EpP	18 11.9
TUC	E(P)	21 17 23.8
	I	17 40.2
EUR	EP	21 17 25.5
	I	17 39.5
BMO	EP	21 17 36.0
	E	17 49.3
ALQ	IP	21 17 46.0
	IpP	18 36.0
COL	IP D	21 17 51.5
	EpP	18 46.5
SEP 17		
ALQ	IP	21 30 51.5
	IS	31 18.4
SEP 17		
BCN	EP	22 34 57.0
	EL	35 38.0
TUC	E(P)	22 35 05.5
SEP 17		
ALQ	IP	22 51 20.0
	I	51 44.5
SEP 17		
H-23 02 24.1		
28.0S 176.4W		
h ABOUT 56KM		
TUC	EP	23 15 02.2
SEP 17		
H-23 16 44.6		
09.2S 115.1E		
h ABOUT 60KM		
GUA	EP	23 23 52.0
NEW	EP'	23 35 34.0
BMO	EP'	23 35 35.6
EUR	IP'	23 35 41.8
SEP 17		
TUC	EP	23 39 15.0
ALQ	EP	23 39 24.0
SEP 18		
GCA	IP C	00 35 18.1
	IS	35 28.0
SEP 18		
H-00 35 18.9		
37.1N 140.6E		
h ABOUT 85KM		
EUR	EP	00 47 00.5
	EpP	47 23.3
TUC	EP	00 47 42.0
	EpP	48 05.0
ALQ	EP	00 47 47.0
	EpP	48 10.5
SEP 18		
COL	EP	00 44 22.0
SEP 18		
BCN	E(P)	01 32 17.0
	IL	32 57.9
SEP 18		
H-01 59 58.4		
29.5N 132.2E		
h ABOUT 33KM		
COL	EP	02 10 00.5
NEW	IP	02 12 10.9
BMO	EP	02 12 20.5
	E	12 32.7
EUR	IP	02 12 40.6
TUC	EP	02 13 16.8
SEP 18		
GUA	IP	02 06 44.0
SEP 18		
H-02 20 32.2		
40.1N 029.7W		
h ABOUT 33KM		
NEW	EP	02 30 37.0
TUC	E(P)	02 31 04.5
SEP 18		
H-03 14 40.0		
35.7N 117.9W		
h ABOUT 16KM		
SLD	EP	03 15 27.5
	EL	16 08.8
EUR	E(P)	03 15 43.5
	I	15 51.4
	EL	16 45.5
SEP 18		
H-05 22 31.4		
42.3N 142.9E		
h ABOUT 71KM		
COL	IP	05 30 33.4
NEW	EP	05 33 09.0
HHM	EP	05 33 18.4
BMO	EP	05 33 22.4
BOZ	E(P)	05 33 40.0
BCN	EP	05 34 06.0
TUC	E(P)	05 34 33.2
ALQ	IP	05 34 37.5
SEP 18		
COL	E(P)	06 21 38.5
SEP 18		
H-06 40 37.8		
18.4S 132.8W		
h ABOUT 42KM		
TUC	EP	06 50 05.0

Date and Station	Phase (GCT)
	h m s
SLD EP	06 50 17.2
BCN IP	06 50 20.7
ALQ IP	06 50 33.5
IPCP	51 20.5
EUR IP D	06 50 40.6
EPCP	51 26.3
BMO EP	06 51 12.1
NEW IP	06 51 33.5
HHM EP	06 51 37.4
COL EP	06 53 03.0
SEP 18	
SLD E(P)	07 40 33.4
E	40 35.6
IL	41 06.6
EUR IP	07 40 40.8
ES	41 31.6
SEP 18	
TUC EP	07 56 48.6
BMO EP	07 57 02.0
SEP 18	
H-09 54 16.8	
57.6N 149.9W	
h ABOUT 33KM	
COL EP	09 56 04.7
IS	57 27.4
NEW IP	09 59 06.8
BMO EP	09 59 28.2
EUR E(P)	10 00 09.8
SEP 18	
BCN EP	10 06 44.0
EL	07 03.0
GCA EP	10 06 55.0
EUR EP	10 07 00.0
SEP 18	
BCN EP	10 33 09.4
EL	33 28.8
GCA E(P)	10 33 20.0
I	33 21.9
EUR EP	10 33 24.5
EL	34 12.0
SEP 18	
EUR E(P)	10 47 21.7
SEP 18	
GUA EP	13 44 57.0
SEP 18	
COL EP	13 47 24.0

Date and Station	Phase (GCT)
	h m s
SEP 18	
ADK EP	13 51 39.3
IS	52 08.0
SEP 18	
EUR E(P)	13 53 46.0
SEP 18	
EUR EP	13 59 11.4
SEP 18	
H-14 15 58.9	
22.8N 102.0E	
h ABOUT 33KM	
COL EP	14 27 55.0
ALQ EP'	14 34 43.0
SEP 18	
SLD EP	15 10 22.1
IL	10 42.1
EUR EP	15 11 32.8
SEP 18	
H-15 14 25.0	
60.4S 026.9W	
h ABOUT 32KM	
BMO EP'	15 33 27.8
SEP 18	
NEW EP	15 36 51.0
SEP 18	
COL EP	15 49 18.0
SEP 18	
GUA E(P)	16 22 02.0
SEP 18	
ALQ E(P)	17 07 46.5
SEP 18	
EUR E(P)	17 39 13.5
E	39 59.2
SEP 18	
H-17 58 20.6	
60.4S 027.2W	
h ABOUT 41KM	
BMO EP'	18 17 21.5
COL IP'	18 18 13.4
SEP 18	
NEW EP	18 09 26.0
SEP 18	
SLD EP	18 20 37.6
EL	21 04.4
SEP 18	
ALQ IP	19 02 07.4
I	02 23.5
SEP 18	
BMO E(P)	19 06 01.5

Date and Station	Phase (GCT)
	h m s
SEP 18	
H-19 44 28.5	
22.9N 121.3E	
h ABOUT 41KM	
GUA EP	19 49 44.0
COL EP	19 55 35.0
SEP 18	
H-20 14 16.2	
18.9S 177.7W	
h ABOUT 546KM	
TUC E(P)	20 25 39.8
BMO EP	20 25 48.9
COL EP	20 26 00.5
SEP 18	
H-20 43 53.8	
27.9N 054.3E	
h ABOUT 18KM	
COL IP C	20 56 34.2
I	57 06.8
EPP	59 54.5
EPKKP	21 14 33.3
HHM EP	20 57 56.0
NEW IP	20 57 57.3
E	21 00 42.0
EPP	02 15.0
BOZ E(P)	20 58 09.0
EPP	02 10.0
BMO EP	20 58 11.7
EUR IPO	21 02 30.7
EPKKP	13 19.7
SLD IP'	21 02 37.0
ALQ IPO	21 02 39.0
I	03 25.6
EPKKP	13 11.0
TUC IP'	21 02 42.6
EPP	03 59.2
EPKKP	12 59.0
SEP 18	
BOZ IP	22 20 38.2
IL	20 50.0
SEP 18	
ALQ IP	22 29 17.5
I	29 25.0
I	30 04.4
SEP 18	
SJG EP	22 42 28.0
EL	43 22.0
SEP 18	
SLD EP	23 50 24.1
EL	50 56.9
SEP 19	
SLD EP	00 46 47.9
IL	47 14.1

Date and Station	Phase (GCT)
	h m s
SEP 19	
EUR EP	01 00 39.6
SEP 19	
EUR E(P)	01 01 50.3
EL	02 41.0
SEP 19	
COL E(P)	01 14 41.5
IL	16 25.8
SEP 19	
BHP IP	01 33 32.0
IS	33 59.5
SEP 19	
COL EP	01 38 43.0
SEP 19	
TUC EP	02 19 50.0
SEP 19	
H-02 45 24.5	
39.6N 120.2W	
h ABOUT 33KM	
SLD EP	02 46 06.4
EL	46 37.5
EUR IP	02 46 14.7
SEP 19	
TUC EP	02 51 51.0
SEP 19	
SJG EP	03 16 28.5
E	17 33.5
SEP 19	
H-03 36 53.7	
23.3S 170.5E	
h ABOUT 33KM	
EUR EP	03 50 04.5
COL EP	03 50 05.6
SEP 19	
H-03 49 54.6	
60.3N 145.9W	
h ABOUT 33KM	
NEW EP	03 54 31.0
BMO EP	03 54 58.4
SEP 19	
H-04 24 05.8	
47.8N 153.8E	
h ABOUT 81KM	
COL IP D	04 30 52.6
EPP	31 11.7
NEW IP	04 33 38.8
EPP	33 59.0
HHM E(P)	04 33 50.0
BMO IP	04 33 53.2
BOZ IP D	04 34 12.0
IPP	34 32.5

Date and Station	Phase	(GCT) h m s
EUR	IP D	04 34 21.7
	IsP	34 39.3
BCN	EP	04 34 43.9
	E	35 06.2
TUC	EP	04 35 12.0
	E	35 31.0
ALQ	IP	04 35 16.4
SEP 19		
ADK	IP	04 44 04.8
	IS	44 51.6
SEP 19		
COL	EP	04 50 40.3
	ES	51 47.0
SEP 19		
H-04 53 09.7		
30.0N 138.4E		
h ABOUT 451KM		
GUA	IP	04 56 49.0
COL	EP	05 02 06.0
BCN	E(P)	05 04 00.7
NEW	IP	05 04 15.4
BMO	EP	05 04 24.9
HHM	EP	05 04 25.5
SLD	EP	05 04 32.5
BOZ	IP	05 04 40.8
EUR	IP	05 04 44.5
TUC	EP	05 05 21.0
ALQ	IP	05 05 26.8
SEP 19		
H-05 03 50.1		
24.0N 097.7E		
h ABOUT 33KM		
COL	EP	05 15 47.0
SEP 19		
ADK	EP	05 47 47.2
	E	48 36.5
SEP 19		
H-06 06 36.8		
3.6S 144.2E		
h ABOUT 17KM		
COL	EP	06 19 07.0
SJG	EP'	06 26 19.5
SEP 19		
H-07 02 13.2		
20.8S 178.4W		
h ABOUT 590KM		
GUA	IP	07 10 14.0
ADK	IP	07 12 39.9
BCN	I(P)	07 12 40.0
EUR	IP	07 13 41.8
TUC	EP	07 13 42.4
	EpP	15 50.0
	EPKKP	31 56.0
GCA	IP D	07 13 50.7
BMO	IP	07 13 52.3
NEW	IP	07 14 01.2
ALQ	IP	07 14 02.0
	IpP	16 12.0
COL	IP D	07 14 03.7
	EpP	16 11.3
HHM	EP	07 14 09.5
BOZ	IP	07 14 10.5
SEP 19		
BOZ	EP	07 16 20.5
SEP 19		
COL	EP	09 43 29.5
	ES	43 50.5
SEP 19		
BMO	IP	09 47 12.6
SEP 19		
H-10 06 42.5		
45.9N 111.2W		
h ABOUT 7KM		
BZM	IP	10 06 49.5
BOZ	IP C	10 06 50.1
	ES	06 54.2
BOZ	EP D	10 06 50.2
BUT	E(P)	10 07 00.4
HHM	EP	10 07 35.4
	E	07 41.0
	EL	08 21.5
BMO	EPN	10 07 49.7
NEW	EP	10 07 56.0
	I	08 12.0
	IL	09 11.0
FGU	EP	10 08 02.4
	I	08 27.0
	IL	09 24.0
RCD	EP	10 08 13.0
	E	08 36.5
	ES	09 24.0
SLC	E(P)	10 08 17.8
	EL	09 24.7
EUR	E(P)	10 08 38.1
	I	08 50.8
	EL	10 27.8
ALQ	E(P)	10 09 30.8
SEP 19		
COL	EP	15 13 47.6
	E(S)	14 23.7
SEP 19		
EUR	EP	16 36 09.5
SEP 19		
BMO	E(P)	17 03 16.7
SEP 19		
H-18 46 59.6		
60.6S 027.0W		
h ABOUT 33KM		
BOZ	EP'	19 06 00.0
BMO	EP'	19 06 01.3
COL	EP'	19 06 52.0
SEP 19		
H-19 21 58.0		
10.0S 160.4E		
h ABOUT 73KM		
COL	IP	19 34 21.2
EUR	IP	19 34 58.0
BMO	EP	19 34 58.2
SEP 19		
COL	EP	20 31 43.0
SEP 19		
ALQ	IP	20 58 16.0
	I	58 51.5
SEP 19		
H-21 16 07.6		
22.9S 170.7E		
h ABOUT 33KM		
EUR	E(P)	21 29 16.9
COL	E(P)	21 29 17.2
SEP 19		
COL	EP	21 54 25.2
EUR	E(P)	21 58 05.0
SEP 20		
H-00 06 11.7		
35.6S 104.7W		
h ABOUT 33KM		
TUC	E(P)	00 17 04.3
EUR	IP	00 17 54.7
BOZ	E(P)	00 18 21.5
BMO	EP	00 18 24.6
NEW	EP	00 18 41.0
	E	19 01.0
SEP 20		
H-00 26 19.0		
55.8S 027.8W		
h ABOUT 33KM		
BMO	EP'	00 45 15.7
COL	IP'	00 46 05.4
SEP 20		
H-02 34 13.4		
37.4N 114.2W		
h ABOUT 33KM		
GCA	IP C	02 34 48.0
EUR	IP	02 34 52.9
TUC	E(P)	02 35 39.0
SEP 20		
H-03 53 34.1		
13.1N 088.2W		
h ABOUT 81KM		
BOZ	EP	04 00 43.0
SEP 20		
GUA	IP	04 06 55.0
	IS	07 16.0
SEP 20		
H-04 14 54.8		
37.5N 121.5W		
h ABOUT 3KM		
SLD	IP	04 15 04.5
	IL	15 12.6
EUR	E(P)	04 16 08.0
	E	16 23.9
	IL	17 22.3
SEP 20		
NEW	EP	04 19 11.0
BMO	EP	04 19 15.4
SEP 20		
BCN	EP	05 57 19.4
	EL	57 38.6
GCA	E(P)	05 57 32.0
	ES	57 56.0
EUR	EP	05 57 34.8
	EL	58 13.1
SEP 20		
H-06 13 52.1		
52.4N 173.4E		
h ABOUT 35KM		
ADK	EP	06 15 23.5
	ES	16 32.0
COL	IP	06 18 58.6
BMO	E(P)	06 22 03.8
	E	22 11.9
BOZ	EP	06 22 26.0
EUR	EP	06 22 36.2
SEP 20		
H-06 38 00.1		
17.2S 172.7W		
h ABOUT 35KM		

Date and Station	Phase (GCT)
	h m s
GUA E(P)	06 47 01.6
TUC E(P)	06 49 53.0
EUR IP	06 49 53.8
BMO E(P)	06 50 04.3
ALQ IP	06 50 14.5
BOZ EP	06 50 25.7
COL IP	06 50 27.0
SEP 20	
COL EP	07 52 17.0
SEP 20	
NEW EP	08 23 22.0
BMO E(P)	08 23 31.6
SEP 20	
COL EP	08 32 07.0
E	32 55.5
EUR E(P)	08 32 50.5
SEP 20	
H-08 35 56.7	
19.9S 168.3E	
h ABOUT 10KM	
COL E(P)	08 49 00.0
EUR EP	08 49 09.0
SEP 20	
BMO E(P)	09 10 03.6
SEP 20	
H-09 24 03.7	
60.5S 026.3W	
h ABOUT 33KM	
BCN EP'	09 42 53.7
EUR EP'	09 43 03.3
BOZ EP'	09 43 04.8
BMO EP'	09 43 07.5
NEW EP'	09 43 09.0
HHM EP'	09 43 10.2
COL IP'	09 44 00.3
SEP 20	
H-09 28 34.6	
37.3N 114.2W	
h ABOUT 33KM	
BCN EP	09 28 58.5
EL	29 18.5
GCA IP C	09 29 09.5
EUR IP	09 29 14.2
SEP 20	
BCN EP	09 30 09.7
EL	30 28.4

Date and Station	Phase (GCT)
	h m s
SEP 20	
EUR IP	09 38 21.6
SEP 20	
ADK EP	09 44 46.0
SEP 20	
HHM EP	09 46 28.7
NEW EP	09 46 32.0
SEP 20	
NEW EP	11 38 10.0
SEP 20	
H-11 49 35.9	
5.9S 145.7E	
h ABOUT 102KM	
COL IP	12 02 03.0
BMO E(P)	12 03 07.1
SEP 20	
EUR EP	13 11 43.0
SEP 20	
EUR EP	13 37 22.2
SEP 20	
COL EP	14 25 54.0
SEP 20	
H-14 32 43.2	
15.2S 075.5W	
h ABOUT 34KM	
ALQ IP	14 42 33.8
EUR EP	14 43 31.1
EPCP	44 00.0
BOZ EP	14 43 45.7
BMO E(P)	14 43 58.0
SEP 20	
ALQ IP	16 56 12.0
IS	56 46.0
GCA EP	16 56 17.3
EL	56 52.0
SEP 20	
H-17 32 07.7	
28.0S 176.6W	
h ABOUT 75KM	
TUC E(P)	17 44 42.5
BCN E(P)	17 44 43.3
ALQ IP	17 45 03.0
BMO EP	17 45 04.2
NEW EP	17 45 12.0
BOZ EP	17 45 15.5
COL EP	17 45 22.0

Date and Station	Phase (GCT)
	h m s
SEP 20	
H-18 11 56.0	
27.9S 176.4W	
h ABOUT 71KM	
TUC EP	18 24 33.0
BMO EP	18 24 49.5
ALQ EP	18 24 53.7
BOZ E(P)	18 25 05.7
COL EP	18 25 12.0
SEP 20	
SLD EP	18 32 54.8
EL	33 06.8
SEP 20	
SLD EP	18 36 33.5
EL	36 45.0
SEP 20	
NEW EP	18 42 54.0
SEP 20	
SLD EP	19 00 47.5
IL	00 55.0
SEP 20	
BOZ IP	19 07 25.5
IL	07 32.7
SEP 20	
ALQ IP	19 19 07.5
IS	19 18.0
SEP 20	
H-20 32 40.9	
44.8N 150.3E	
h ABOUT 35KM	
COL IP	20 40 04.9
NEW EP	20 42 48.0
BMO E(P)	20 43 10.4
BOZ EP	20 43 17.5
EUR E(P)	20 43 23.8
I	43 37.0
BCN E(P)	20 43 56.3
ALQ E(P)	20 44 34.5
SEP 20	
GCA EP	21 13 37.9
EL	14 11.5
SEP 20	
H-21 23 32.3	
49.9N 128.8W	
h ABOUT 33KM	
NEW EP	21 25 27.0
BMO E(P)	21 25 48.6
BOZ E(P)	21 26 26.3
EUR EP	21 26 48.3

Date and Station	Phase (GCT)
	h m s
ALQ E(P)	21 28 27.8
SEP 20	
ADK E(P)	21 26 04.0
SEP 20	
ALQ EP	22 39 20.5
I	43 36.0
SEP 20	
H-23 06 38.7	
73.4N 007.7E	
h ABOUT 33KM	
BMO E(P)	23 16 17.3
SEP 20	
H-23 18 20.1	
15.4S 173.0W	
h ABOUT 85KM	
TUC EP	23 30 00.8
EUR EP	23 30 01.2
BMO EP	23 30 13.0
ALQ E(P)	23 30 25.5
COL IP	23 30 32.2
BOZ EP	23 30 34.0
SEP 20	
BMO E(P)	23 26 57.4
SEP 20	
BOZ E(P)	23 30 03.5
SEP 20	
H-23 37 20.0	
24.2N 097.7E	
h ABOUT 15KM	
BOZ EP	23 51 26.5
EUR I(P)	23 51 35.3
SEP 20	
H-23 43 12.8	
51.1N 178.8E	
h ABOUT 28KM	
ADK IP	23 43 59.6
COL IP	23 48 07.1
BMO EP	23 51 03.6
SEP 21	
COL IP	00 21 14.0
SEP 21	
H-00 26 29.2	
73.2N 007.0E	
h ABOUT 33KM	
BMO E(P)	00 36 07.6
SEP 21	
ADK E(P)	00 38 18.4

Date and Station	Phase	(GCT)
		h m s
SEP 21		
ALQ	IP	01 14 01.4
	I	15 20.5
SEP 21		
EUR	EP	03 01 38.0
SEP 21		
COL	EP	03 19 27.0
SEP 21		
ALQ	E(P)	04 16 36.2
SEP 21		
H-07 35 42.9		
4.6S 105.4W		
h ABOUT 33KM		
FUR	EP	07 43 57.8
BMO	E(P)	07 44 41.9
SEP 21		
COL	EP	08 00 12.0
SEP 21		
H-08 31 27.9		
39.5N 120.1W		
h ABOUT 33KM		
SLD	EP	08 32 08.8
	EL	32 41.5
EUR	EP	08 32 17.2
	I	32 26.7
	ES	33 09.3
SEP 21		
EUR	E(P)	08 39 08.7
	E	39 17.6
SEP 21		
NEW	EP	09 56 46.0
SEP 21		
BOZ	EP	09 59 31.7
BMO	E(P)	09 59 57.8
SEP 21		
TUC	EP	10 00 14.2
BCN	EP	10 00 20.1
SEP 21		
H-10 49 00.8		
16.7S 167.3E		
h ABOUT 18KM		
COL	EP	11 01 48.5
SEP 21		
EUR	E(P)	13 34 48.5
SEP 21		
COL	IP	13 46 16.2
SEP 21		
BOZ	EP	16 41 24.7
	EL	42 06.3

Date and Station	Phase	(GCT)
		h m s
SEP 21		
H-17 53 49.4		
25.1N 125.2E		
h ABOUT 33KM		
HHM	EP	18 06 46.2
BMO	EP	18 06 47.8
SEP 21		
EUR	E(P)	18 55 06.4
SEP 21		
COL	EP	20 01 10.0
SEP 21		
COL	EP	21 28 11.0
SEP 21		
COL	EP	22 08 37.0
SEP 21		
ALQ	IP	22 29 20.4
	I	29 26.0
	IS	30 07.5
BCN	E(P)	22 30 12.3
SEP 21		
ALQ	IP	23 04 22.5
	IS	04 47.4
SEP 21		
BOZ	EP	23 54 06.5
	EL	54 22.5
SEP 22		
H-00 04 29.5		
52.7N 159.5E		
h ABOUT 71KM		
COL	EP	00 10 24.0
NEW	EP	00 13 21.0
BMO	EP	00 13 37.0
BOZ	EP	00 13 56.5
BCN	EP	00 14 31.2
TUC	E(P)	00 15 02.8
ALQ	IP	00 15 06.0
SEP 22		
BMO	EP	01 13 11.3
SEP 22		
TUC	E(P)	02 08 34.8
SEP 22		
COL	E(P)	03 43 28.5
SEP 22		
ALQ	E(P)	04 06 02.9
	E	07 24.0
SEP 22		
H-04 15 30.6		
37.3N 138.6E		
h ABOUT 52KM		
COL	EP	04 24 21.0

Date and Station	Phase	(GCT)
		h m s
NEW	EP	04 26 47.0
BMO	IP	04 26 59.0
BOZ	IP D	04 27 15.2
TUC	EP	04 28 03.4
ALQ	IP	04 28 08.0
SEP 22		
COL	EP	04 44 11.0
SEP 22		
H-04 51 12.8		
37.4N 071.7E		
h ABOUT 140KM		
COL	IP	05 02 31.2
SEP 22		
COL	EP	05 29 47.0
SEP 22		
H-06 08 59.3		
16.6N 046.7W		
h ABOUT 31KM		
SJG	EP	06 13 17.5
TUC	EP	06 19 03.0
	E	19 10.0
BOZ	EP	06 19 09.5
BCN	EP	06 19 26.6
NEW	EP	06 19 36.0
COL	IP	06 21 05.9
SEP 22		
H-07 01 28.8		
39.4N 120.3W		
h ABOUT 33KM		
UKI	E(P)	07 02 06.2
	EL	02 39.0
SLD	EP	07 02 07.5
	I	02 09.2
	IL	02 41.4
BCN	EP	07 02 50.6
	E	03 11.5
	EL	04 18.9
BMO	EPN	07 02 55.1
NEW	EP	07 03 42.0
	EL	06 11.0
ALQ	E(P)	07 04 27.0
SEP 22		
H-08 44 18.1		
39.5N 120.4W		
h ABOUT 33KM		
SLD	EP	08 44 56.8
	IL	45 29.7
BCN	E(P)	08 46 01.3

Date and Station	Phase	(GCT)
		h m s
BMO	E(P)	08 46 03.0
SEP 22		
NEW	EP	10 18 04.0
SEP 22		
COL	EP	10 57 13.8
SEP 22		
H-11 39 31.0		
37.3N 114.1W		
h ABOUT 33KM		
BCN	IP C	11 39 55.8
	IL	40 16.7
GCA	IP	11 40 04.9
SLC	E(P)	11 40 30.7
	E	40 48.9
CED	EP	11 40 31.6
	I	40 43.1
	IL	41 38.5
TUC	EPN	11 40 55.8
SLD	E	11 41 17.2
	EL	42 27.8
ALQ	IP	11 41 08.0
	I	41 23.0
	IL	42 56.0
BMO	E(P)	11 41 25.6
	E	41 58.0
SEP 22		
H-12 15 21.7		
18.7S 169.4E		
h ABOUT 233KM		
COL	EP	12 27 51.0
TUC	EP	12 28 04.0
SEP 22		
BCN	E(P)	13 03 34.3
	EL	03 52.3
SEP 22		
COL	EP	13 14 45.6
SEP 22		
GUA	IP	13 31 00.0
	I	31 14.0
SEP 22		
COL	EP	13 39 41.0
SEP 22		
H-13 34 16.6		
12.3S 166.9E		
h ABOUT 282KM		
COL	IP C	13 46 15.9
BCN	EP	13 46 36.4
BMO	E(P)	13 46 39.5
TUC	E(P)	13 46 46.5

Date and Station	Phase (GCT)
	h m s
SEP 22	
BCN E(P)	13 50 23.3
EL	50 42.4
ALQ IP	13 51 49.0
I	52 13.5
SEP 22	
COL EP	14 49 58.5
SEP 22	
COL E(P)	15 56 06.2
SEP 22	
TUC EP	17 58 50.6
SEP 22	
ALQ IP	18 13 11.4
I	13 21.0
IS	13 44.0
GCA EP	18 13 16.0
EL	13 51.5
TUC E(P)	18 13 59.0
SEP 22	
H-18 20 46.0	
29.4N 142.0E	
h ABOUT 44KM	
NEW EP	18 32 26.0
E	32 41.0
BMO EP	18 32 34.2
HHM EP	18 32 36.2
BOZ EP	18 32 51.5
TUC E(P)	18 33 32.5
SEP 22	
BCN E(P)	18 23 49.4
EL	24 08.4
GCA EP	18 24 00.0
SEP 22	
BCN EP	18 27 08.0
EL	27 27.8
GCA EP	18 27 18.5
ALQ IP	18 28 46.0
I	30 09.0
BMO E(P)	18 29 07.3
SEP 22	
BOZ EP	18 30 43.5
SEP 22	
SLD IP C	18 42 31.2
IL	42 35.6
SEP 22	
H-18 56 41.0	
37.3N 114.2W	
h ABOUT 33KM	
BCN IP C	18 57 04.7
LVN IP	18 57 05.4

Date and Station	Phase (GCT)
	h m s
GCA IP D	18 57 14.3
SLC E(P)	18 57 42.7
ELG	58 44.0
CED IP	18 57 41.1
I	57 53.1
ILG	11 58 44.1
TUC EPN	18 58 04.5
SLD EP C	18 58 07.6
I	58 23.0
IS	59 17.6
ALQ IP	18 58 18.6
BMO EPN	18 58 35.5
BOZ EP	18 58 47.5
RCD E(P)	18 59 14.0
E	19 00 08.0
EL	02 48.0
NEW EP	18 59 21.0
HHM EP	18 59 21.7
COL IP	19 03 27.0
SEP 22	
H-18 57 36.5	
37.4N 114.2W	
h ABOUT 33KM	
NEW E(P)	19 00 13.0
COL EP	19 04 17.0
EL	15 47.0
SEP 22	
BCN IP	19 05 51.2
EL	06 12.9
SEP 22	
BCN E(P)	19 06 53.4
EL	07 14.2
SEP 22	
H-19 09 15.9	
37.4N 114.2W	
h ABOUT 33KM	
LVN IP	19 09 40.0
BCN IP	19 09 40.2
IL	10 00.4
GCA IP	19 09 49.9
ALQ IP	19 10 54.4
I	11 15.5
SEP 22	
SLD EP	19 10 00.0
E(S)	11 10.2
SEP 22	
BCN EP	19 13 39.6
IL	13 58.7
GCA EP	19 13 49.7

Date and Station	Phase (GCT)
	h m s
SEP 22	
BCN E(P)	19 17 55.3
EL	18 14.2
SEP 22	
H-19 25 29.8	
37.2N 114.2W	
h ABOUT 33KM	
BCN E(P)	19 25 51.6
E(L)	26 15.0
GCA E(P)	19 26 04.4
SEP 22	
BCN E(P)	19 27 46.8
EL	28 06.8
SEP 22	
BCN E(P)	19 29 06.8
EL	29 27.6
GCA E(P)	19 29 17.0
SEP 22	
BCN E(P)	19 31 31.1
EL	31 49.6
SEP 22	
BCN E(P)	19 32 10.4
EL	32 30.2
GCA EP	19 32 20.0
SEP 22	
BCN EP	19 33 16.1
IL	33 35.6
GCA EP	19 33 24.8
BMO E(P)	19 35 15.0
SEP 22	
BCN E(P)	19 35 36.3
EL	35 56.6
SEP 22	
BCN EP	19 38 41.9
EL	39 00.2
GCA EP	19 38 52.0
SEP 22	
BCN E(P)	19 41 34.6
EL	41 55.9
GCA EP	19 41 46.5
SEP 22	
GCA EP	19 47 47.0
ES	48 14.0
SEP 22	
GCA E(P)	19 48 04.5
IS	48 30.5
SEP 22	
BCN E(P)	19 57 12.0
E(L)	57 32.5
SEP 22	
H-19 59 39.8	
37.3N 114.2W	
h ABOUT 33KM	

Date and Station	Phase (GCT)
	h m s
LVN IP	20 00 03.8
BCN IP	20 00 04.5
GCA IP C	20 00 13.5
CED EP	20 00 40.6
SLC EP	20 00 40.9
TUC IPN	20 01 04.3
ALQ IP	20 01 16.8
I	01 40.5
SLD E(P)	20 01 17.3
I	01 25.6
E(S)	02 25.2
IL	19 02 36.2
BMO EPN	20 01 34.5
BOZ EP	20 01 44.0
NEW EP	20 02 20.0
HHM E(P)	20 02 33.7
EL	05 22.2
COL EP	20 06 25.0
SEP 22	
BCN E(P)	20 07 32.2
EL	07 54.6
SEP 22	
H-20 14 41.0	
39.8N 023.9E	
h ABOUT 43KM	
BOZ E(P)	20 27 17.5
BMO E(P)	20 27 30.9
GCA E(P)	20 27 40.5
SEP 22	
BCN E(P)	20 18 46.8
EL	19 06.2
GCA EP	20 18 56.5
SEP 22	
BCN EP	20 21 57.3
IL	22 17.3
GCA IP C	20 22 07.0
SEP 22	
BCN E(P)	20 27 16.6
GCA EP	20 27 24.4
SEP 22	
ALQ IP	20 29 32.8
I	30 14.5
SEP 22	
BCN EP	20 33 15.1
IL	33 34.8
SEP 22	
BCN EP	20 40 43.7
E	41 05.0

Date and Station	Phase	Phase (GCT)
		h m s
GCA	EP	20 40 55.4
SEP 22		
BCN	EP	20 48 08.2
	EL	48 27.0
GCA	E(P)	20 48 18.7
	ES	48 43.7
SEP 22		
BCN	E(P)	20 53 26.1
	E(L)	53 45.1
SEP 22		
BCN	E(P)	21 04 41.6
	EL	05 01.4
SEP 22		
BCN	EP	21 07 13.6
	EL	07 34.4
GCA	EP	21 07 24.0
SEP 22		
BCN	EP	21 16 41.3
	EL	17 02.0
GCA	EP	21 16 50.7
SEP 22		
BCN	EP	21 26 11.9
	IL	26 30.5
SEP 22		
BOZ	EP	21 30 44.5
	EL	30 53.5
SEP 22		
BCN	EP	21 33 06.7
	IL	33 27.0
SEP 22		
GCA	EP	21 33 15.4
SEP 22		
H-21 35 12.9		
17.0S 172.8W		
h ABOUT 33KM		
TUC	E(P)	21 47 03.8
ALQ	E(P)	21 47 17.0
	I	47 34.5
BMO	EP	21 47 18.4
NEW	EP	21 47 33.0
BOZ	EP	21 47 37.5
COL	EP	21 47 41.0
SEP 22		
BCN	EP	21 46 36.4
	EL	46 55.7
GCA	E(P)	21 46 46.8
	ES	47 13.2
SEP 22		
ADK	IP	21 50 55.6
	IS	51 12.2

Date and Station	Phase	Phase (GCT)
		h m s
SEP 22		
BCN	EP	21 49 03.7
	IL	49 22.1
LVN	EP	21 49 04.2
GCA	EP	21 49 13.2
	I	49 14.0
	IS	49 40.2
SEP 22		
BMO	E(P)	21 51 26.5
SEP 22		
H-21 54 14.4		
26.2N 104.5E		
h ABOUT 22KM		
COL	EP	22 05 48.5
	E	06 22.0
SEP 22		
H-22 01 55.1		
37.3N 114.1W		
h ABOUT 33KM		
BCN	IP D	22 02 18.2
	IL	02 37.6
LVN	IP	22 02 18.8
GCA	EP	22 02 28.2
ALQ	IP	22 03 31.5
	I	03 55.8
	IL	05 18.5
SEP 22		
BCN	IP	22 04 27.8
	IL	04 46.1
LVN	EP	22 04 28.0
GCA	IP C	22 04 37.4
SEP 22		
BCN	EP	22 10 13.6
	EL	10 32.8
SEP 22		
BCN	EP	22 31 20.2
	EL	31 40.4
GCA	IP	22 31 29.8
SEP 22		
H-22 45 10.9		
39.4N 120.4W		
h ABOUT 33KM		
SLD	EP	22 45 50.4
	IS	46 22.1
SEP 22		
BCN	E(P)	22 46 55.0
SEP 22		
BCN	E(P)	22 49 17.9
	EL	49 38.1
SEP 22		
BCN	E(P)	22 52 23.5
	EL	52 42.7

Date and Station	Phase	Phase (GCT)
		h m s
GCA	EP	22 52 32.4
	ES	52 58.0
SEP 22		
BCN	EP	23 13 05.3
	EL	13 24.1
SEP 22		
BCN	EP	23 14 01.6
	EL	14 21.1
SEP 22		
BCN	E(P)	23 19 42.7
	EL	20 03.1
SEP 22		
BCN	E(P)	23 25 37.4
	EL	25 56.1
SEP 22		
BCN	E(P)	23 37 28.0
	EL	37 48.0
SEP 22		
BCN	E(P)	23 43 13.2
	EL	43 32.6
GCA	E(P)	23 43 20.5
	EL	43 52.0
SEP 22		
BCN	E(P)	23 43 58.2
	EL	44 20.0
GCA	E(P)	23 44 11.3
SEP 22		
BCN	EP	23 51 06.4
	EL	51 26.0
GCA	EP	23 51 17.0
	IS	51 42.5
SEP 22		
BCN	E(P)	23 56 00.4
	EL	56 19.2
GCA	EP	23 56 10.5
	IS	56 36.5
SEP 23		
BCN	EP	00 02 32.7
	EL	02 52.1
SEP 23		
BCN	EP	00 04 49.4
	EL	04 09.0
GCA	IP	00 05 00.3
SEP 23		
BCN	EP	00 13 34.8
	EL	13 54.8
GCA	E(P)	00 13 47.7
TUC	E(P)	00 14 50.0
SEP 23		
H-00 13 51.0		
37.2N 114.1W		
h ABOUT 33KM		

Date and Station	Phase	Phase (GCT)
		h m s
BCN	IP	00 14 13.3
	IL	14 33.4
LVN	IP	00 14 14.0
GCA	IP C	00 14 23.5
SLC	E(P)	00 14 51.8
	EL	15 52.8
ALQ	IP	00 15 28.0
	I	15 49.0
	IL	17 14.5
SEP 23		
BCN	E(P)	00 18 55.1
	EL	19 15.6
SEP 23		
H-01 29 46.6		
44.7N 150.4E		
h ABOUT 28KM		
ADK	E(P)	01 34 57.0
COL	EP	01 37 12.5
	I	37 25.7
	ES	43 11.7
	EL	46 03.0
NEW	EP	01 39 52.0
HHM	E(P)	01 39 59.8
BMO	EP	01 40 04.8
BOZ	EP	01 40 23.0
	E	40 34.5
TUC	E(P)	01 41 18.8
SEP 23		
BMO	E(P)	01 36 51.5
SEP 23		
H-02 07 01.7		
52.9N 159.8E		
h ABOUT 58KM		
COL	EP	02 12 55.0
NEW	EP	02 15 52.0
BMO	EP	02 16 08.8
BOZ	EP	02 16 28.0
	EPCP	17 28.0
TUC	E(P)	02 17 35.6
ALQ	I(P)	02 17 48.4
SEP 23		
BCN	EP	02 19 43.0
SEP 23		
BCN	EP	02 21 36.9
	EL	21 56.2
GCA	EP	02 21 46.0
SEP 23		
BCN	E(P)	02 32 47.9
	EL	32 08.1

Date and Station	Phase (GCT)
	h m s
SEP 23	
GCA EP	03 50 13.9
ES	50 39.0
SEP 23	
LVN IP	04 04 23.6
BCN EP	04 04 24.8
EL	04 44.5
GCA EP	04 04 34.5
SEP 23	
BCN E(P)	04 06 36.1
EL	06 59.0
SEP 23	
H-04 45 18.3	
37.5N 135.2E	
h ABOUT 336KM	
COL IP	04 53 51.4
BMO EP	04 56 25.4
SEP 23	
H-04 51 47.5	
9.0S 157.9E	
h ABOUT 30KM	
COL IP	05 04 15.2
BMO EP	05 04 58.3
SEP 23	
GCA E(P)	05 52 44.5
SEP 23	
GCA EP	06 34 40.5
SEP 23	
LVN EP	06 35 04.4
BCN EP	06 35 08.9
IL	35 27.7
GCA EP	06 35 18.5
TUC (PN)	06 36 04.9
ALQ EP	06 36 36.0
I	38 08.4
SEP 23	
BCN EP	06 41 25.2
EL	41 45.2
GCA EP	06 41 35.0
SEP 23	
BOZ E(P)	07 17 14.0
SEP 23	
COL E(P)	07 48 10.0
SEP 23	
BCN E(P)	07 50 46.0
EL	51 05.5
GCA EP	07 50 57.0
SEP 23	
ADK IP	08 31 26.0
ES	32 37.0
COL EP	08 35 24.0
SEP 23	
GCA EP C	08 44 47.4
TUC (PN)	08 45 56.6
SEP 23	
H-08 44 52.2	
37.2N 114.1W	
h ABOUT 33KM	
LVN IP	08 45 14.6
BCN EP	08 45 16.2
IL	45 36.6
GCA IP C	08 45 26.0
ALQ E(P)	08 46 14.2
I	46 51.4
IL	48 10.0
BMO EL	08 47 10.2
SEP 23	
H-09 02 06.1	
11.1S 166.4E	
h ABOUT 24KM	
COL EP	09 14 31.0
SEP 23	
COL E(P)	09 47 14.0
SEP 23	
BCN EP	11 14 06.5
EL	14 25.3
GCA EP	11 14 16.0
SEP 23	
BCN E(P)	11 31 52.5
EL	32 12.1
GCA EP	11 31 59.5
BMO EL	11 33 56.1
SEP 23	
H-11 56 09.4	
37.3N 114.1W	
h ABOUT 33KM	
BCN IP D	11 56 34.1
LVN IP	11 56 35.0
GCA IP C	11 56 43.4
CED IP	11 57 10.0
I	57 21.0
IL	58 13.0
SLC EP	11 57 12.3
EL	58 13.8
TUC IPN	11 57 34.2
EL	59 07.0
SLD E(P)	11 57 50.7
I	57 55.2
IL	59 04.2
ALQ IP	11 57 47.0
I	58 08.0
IL	59 37.5
BMO EPN	11 58 05.0
BOZ E(P)	11 58 17.0
EL	12 00 18.0
NEW EP	11 58 50.0
SEP 23	
ADK IP	13 36 15.4
IS	36 42.5
SEP 23	
GCA EP	13 42 48.0
SEP 23	
BCN EP	15 20 26.4
EL	20 46.9
GCA EP	15 20 36.0
SEP 23	
ALQ IP	16 39 03.2
IS	39 35.5
GCA EP	16 39 07.1
EL	39 41.0
SEP 23	
ALQ IP	17 51 06.0
IS	51 46.5
SEP 23	
GCA E(P)	17 57 25.5
SEP 23	
H-18 00 00.0	
37.0N 116.0W	
h ABOUT 0KM	
BCN IP C	18 00 27.6
GCA IP C	18 00 57.1
I	01 05.7
IL	01 52.2
SLC EP	18 01 18.9
E	01 35.1
TUC IPN	18 01 36.8
IL	03 26.5
BMO EPN	18 01 57.8
BOZ E(P)	18 02 02.0
SEP 23	
BCN EP	18 13 43.4
EL	14 03.6
GCA EP	18 13 52.5
SEP 23	
SLD EP	18 16 06.5
I	16 15.9
IS	17 06.8
SEP 23	
H-18 25 52.8	
59.6S 026.3W	
h ABOUT 33KM	
SJG EP	18 38 18.0
BOZ EP'	18 44 50.5
EPP	46 33.0
BMO EP'	18 44 54.9
HHM EP'	18 44 56.2
COL EP'	18 45 45.6
I	45 57.4
SEP 23	
ADK IP	18 35 00.0
IS	35 21.9
I	36 38.5
SEP 23	
GCA EP	18 43 54.5
SEP 23	
H-19 01 54.5	
12.9N 089.5W	
h ABOUT 65KM	
TUC EP	19 07 41.8
SEP 23	
GCA E(P)	20 23 46.7
SEP 23	
H-20 27 02.9	
10.6S 166.3E	
h ABOUT 43KM	
COL EP	20 39 22.2
BMO E(P)	20 39 50.0
SEP 23	
ALQ I(P)	20 55 29.4
IS	56 03.2
GCA E(P)	20 55 34.5
EL	56 08.5
SEP 23	
ALQ IP	21 28 41.0
IS	29 27.0
SEP 23	
H-21 50 25.2	
51.6N 177.2W	
h ABOUT 50KM	
ADK IP	21 50 36.5
IS	50 45.5
COL EP	21 54 59.0
NEW EP	21 57 38.0
BMO EP	21 57 52.4
BOZ IP	21 58 17.0
SEP 23	
ALQ IP	21 54 11.8
IS	54 28.6
SEP 23	
COL EP	22 39 23.0

Date and Station	Phase	Phase (GCT) h m s
SEP 23		
ALQ	IP	22 54 59.4
	IS	55 25.2
SEP 24		
H-00 23 40.1		
16.9N 097.5W		
h ABOUT 66KM		
TUC	EP	00 28 04.4
SEP 24		
COL	EP	00 48 55.0
SEP 24		
H-01 17 24.1		
19.4S 069.6W		
h ABOUT 130KM		
BMO	E(P)	01 29 07.0
	E	29 35.5
SEP 24		
COL	E(P)	03 27 06.4
SEP 24		
ALQ	EP	04 29 02.8
SEP 24		
BMO	EP	06 04 31.1
	E	04 48.7
SEP 24		
BMO	E(P)	06 13 41.7
SEP 24		
COL	EP	06 14 32.0
SEP 24		
BMO	E(P)	06 50 59.0
SEP 24		
BCN	EP	07 01 29.8
	IL	01 48.5
LVN	P	07 01 33.0
GCA	EP	07 01 39.5
ALQ	IP	07 03 05.0
	I	04 30.4
SEP 24		
COL	E(P)	07 09 22.7
BMO	EP	07 11 02.6
SEP 24		
H-07 33 46.4		
36.5N 105.0W		
h ABOUT 18KM		
ALQ	IP	07 34 19.4
	IL	34 46.6
GCA	EP	07 35 06.7
	I	35 22.5
	IL	36 29.0
TUC	EP	07 35 19.5
BCN	E(P)	07 35 51.3
BMO	E(P)	07 36 51.5
SLC	EP	07 35 52.0
	E	37 21.8
RCD	E(P)	07 36 08.0
	E	37 44.5
SEP 24		
BCN	EP	07 49 58.5
	EL	50 18.7
GCA	IP	07 50 09.2
SEP 24		
GCA	IP C	08 03 09.2
SEP 24		
H-08 27 10.2		
36.5N 105.0W		
h ABOUT 33KM		
ALQ	IP	08 27 39.8
	IS	28 08.0
GCA	E(P)	08 28 42.4
SEP 24		
ADK	EP	08 27 29.3
	ES	28 11.3
COL	EP	08 31 31.0
BMO	E(P)	08 34 27.4
SEP 24		
ALQ	IP	08 34 59.8
	IS	35 23.4
SEP 24		
H-08 57 10.2		
12.0N 130.8W		
h ABOUT 33KM		
TUC	EP	09 02 54.0
BCN	EP D	09 03 00.4
	I	03 45.5
	EPCP	06 14.3
ALQ	IP	09 03 33.4
BMO	EP	09 03 59.2
BOZ	E(P)	09 04 22.0
NEW	EP	09 04 26.0
	EPCP	06 41.0
HHM	EP	09 04 33.7
COL	EP	09 06 32.8
	EPCP	07 37.2
SJG	EP	09 07 33.5
	I	07 40.4
SEP 24		
H-10 00 46.5		
27.4N 054.6E		
h ABOUT 38KM		
COL	IP	10 13 26.9
NEW	EP	10 14 52.0
	EPP	19 06.0
GCA	E	10 18 19.8
BOZ	E	10 18 35.0
	EPP	19 20.0
SEP 24		
COL	E(P)	11 37 45.0
SEP 24		
ADK	EP	14 04 44.2
	ES	05 05.6
SEP 24		
BCN	EP	14 56 35.5
	EL	56 54.0
GCA	EP	14 56 45.2
SEP 24		
GCA	EP	15 02 39.0
SEP 24		
BMO	EP	15 17 33.2
COL	IP	15 18 22.7
SEP 24		
H-16 48 30.7		
22.4S 171.7E		
h ABOUT 115KM		
ADK	EP	16 59 57.8
SLD	EP	17 01 03.2
BCN	EP	17 01 21.5
	E	02 02.1
TUC	EP	17 01 27.2
	E	01 58.0
COL	IP	17 01 27.4
BMO	EP	17 01 31.5
ALQ	EP	17 01 49.5
	E	02 17.0
SEP 24		
COL	EP	17 54 03.0
SEP 24		
ALQ	IP	18 59 25.4
	IS	59 50.0
SEP 24		
H-19 56 57.2		
09.9N 063.0W		
h ABOUT 69KM		
BMO	E(P)	20 06 44.2
	E	06 57.1
SEP 24		
H-20 21 17.7		
38.2N 022.1E		
h ABOUT 66KM		
BMO	E(P)	20 34 09.7
SEP 24		
ALQ	IP	20 29 40.4
	IS	29 04.4
SEP 24		
COL	EP	20 59 01.0
SEP 24		
COL	EP	21 14 51.0
SEP 24		
SJG	EP	21 22 17.5
	ES	22 32.0
SEP 24		
SJG	EP	21 23 43.0
	IS	23 57.4
SEP 25		
NEW	EP	00 24 40.0
SEP 25		
BCN	EP	01 03 30.3
	EL	03 49.5
GCA	EP	01 03 39.4
SEP 25		
BMO	E(P)	03 23 38.4
SEP 25		
COL	EP	04 20 17.0
SEP 25		
COL	IP	04 34 16.7
SEP 25		
H-04 49 35.5		
19.1N 145.8E		
h ABOUT 119KM		
GUA	IP	04 51 00.0
	IS	52 02.0
ADK	EP D	04 57 32.0
COL	IP	04 59 49.8
NEW	IP	05 01 36.4
	EpP	02 05.0
SLD	IP D	05 01 40.0
	EpP	02 11.5
BMO	IP	05 01 41.6
HHM	EP	05 01 46.7
	EsP	02 28.7
BOZ	IP	05 01 59.8
	IpP	02 32.5
BCN	IP	05 02 07.0
SLC	EP	05 02 07.8
GCA	IP D	05 02 16.0
TUC	EP	05 02 27.8
ALQ	IP	05 02 38.2
	IPP	06 18.0
SEP 25		
SJG	EP	05 11 49.0
SEP 25		
COL	IP	05 22 48.4

Date and Station	Phase (GCT)
	h m s
SEP 25	
COL EP	05 55 40.0
SEP 25	
H-05 57 26.2	
19.7S 069.5W	
h ABOUT 125KM	
SJG EP	06 04 29.5
E	04 54.5
SEP 25	
H-06 02 28.4	
18.3N 100.8W	
h ABOUT 79KM	
TUC IP C	06 06 17.7
ES	09 28.0
ALQ IP	06 06 28.0
GCA IP C	06 07 07.2
EL	14 41.0
BCN IP C	06 07 14.0
I	07 29.0
IL	14 06.8
LVN P	06 07 18.0
BHP IP	06 07 22.0
IS	11 16.0
CSC EP	06 07 32.0
ES	11 42.0
SLC EP	06 07 40.7
E▸P	08 02.9
ES	12 12.1
RCD EP	06 07 53.0
ES	12 20.0
SLD IP	06 07 55.3
I▸P	08 15.5
IPCP	11 23.5
E(SCP)	15 07.8
EL	16 28.3
CHK EP	06 07 57.6
IS	12 35.6
UKI E(P)	06 08 18.6
BOZ IP	06 08 19.9
I▸P	08 41.0
ES	13 00.0
WSC IPC	06 08 22.5
E	09 02.0
BUT EP	06 08 25.0
E(S)	13 17.5
BMO EP	06 08 29.0
HHM IP	06 08 47.2
EPCP	11 36.7
ESCP	14 57.0
NEW IP	06 08 53.9
E▸P	09 15.0

Date and Station	Phase (GCT)
	h m s
SJG IP D	06 08 57.1
I▸P	09 12.2
IsP	09 18.5
EPCP	11 40.0
E▸PCP	11 56.0
ES	14 13.5
IsS	14 38.9
ISCP	14 24.6
KIP IP	06 11 43.9
COL IP D	06 11 59.9
IsP	12 27.8
IPCP	12 57.9
I▸PCP	13 20.3
ES	19 46.0
ESCS	21 45.0
EL	26 18.0
ADK IP D	06 13 13.8
SEP 25	
GCA EP	06 05 50.5
SEP 25	
H-06 10 35.9	
39.8N 142.9E	
h ABOUT 69KM	
COL IP	06 19 03.6
SEP 25	
COL IP	06 15 39.9
SEP 25	
COL EP	06 22 15.0
SEP 25	
COL EP	06 59 45.0
SEP 25	
H-08 36 19.4	
22.9S 170.5E	
h ABOUT 33KM	
BCN EP	08 49 26.4
E	49 35.2
COL EP	08 49 29.0
TUC EP	08 49 32.0
E	49 41.0
BMO E(P)	08 49 35.4
SEP 25	
H-08 45 58.3	
26.5S 179.3E	
h ABOUT 480KM	
BMO E(P)	08 58 13.3
SEP 25	
GCA E(P)	09 10 46.5
SEP 25	
GCA E(P)	10 01 00.5
ES	01 25.0
SEP 25	
H-10 10 40.9	
36.4N 105.1W	
h ABOUT 20KM	

Date and Station	Phase (GCT)
	h m s
ALQ IP	10 11 13.5
GCA EP	10 12 06.0
I	12 16.5
IL	13 23.5
TUC EP	10 12 13.5
BCN E(P)	10 12 45.7
NEW EP	10 14 17.0
SEP 25	
BCN EPN	10 19 32.7
E	19 41.5
IL	20 04.4
LVN P	10 19 45.5
GCA EP	10 19 43.0
TUC EP	10 20 44.5
BMO EPN	10 21 16.9
SEP 25	
H-10 26 04.0	
17.9S 178.6W	
h ABOUT 618KM	
BMO E(P)	10 37 30.0
COL EP	10 37 39.0
SEP 25	
TUC EP	11 03 14.0
SEP 25	
GCA EP	11 54 17.5
SEP 25	
ALQ IP	11 58 05.0
IS	58 28.4
SEP 25	
COL EP	12 01 27.0
SEP 25	
ALQ IP	12 07 41.2
IS	08 05.0
SEP 25	
H-12 22 40.5	
36.5N 105.1W	
h ABOUT 20KM	
ALQ IP	12 23 12.5
IS	23 38.6
GCA E(P)	12 24 04.8
I	24 15.5
IL	25 22.0
TUC EP	12 24 16.0
BCN E(P)	12 24 33.2
SEP 25	
GCA E(P)	12 56 55.5
EL	56 32.0
ALQ IP	12 57 17.8

Date and Station	Phase (GCT)
	h m s
SEP 25	
H-13 05 40.5	
39.5N 122.1W	
h ABOUT 13KM	
UKI E(P)	13 05 59.4
SLD EP D	13 06 22.8
ES	06 53.3
IL	07 07.7
BMO EPN	13 07 17.7
SEP 25	
GCA EP	13 57 06.7
SEP 25	
H-14 02 45.9	
39.3N 072.2E	
h ABOUT 45KM	
COL EP	14 14 04.0
SEP 25	
TUC E(P)	14 27 03.0
BCN E(P)	14 27 42.0
SEP 25	
COL EP	15 26 29.0
SEP 25	
ALQ IP	17 21 14.4
IS	21 40.4
GCA E(P)	17 21 37.5
E	21 45.2
EL	22 33.0
SEP 25	
GCA EP	17 23 18.6
E	23 26.9
EL	24 14.5
SEP 25	
BHP IP	17 51 37.0
IS	51 51.0
SEP 25	
GCA EP	18 01 13.5
SEP 25	
COL EP	18 18 56.0
SEP 25	
H-19 27 55.0	
37.2N 114.1W	
h ABOUT 33KM	
BCN EP	19 28 16.7
EL	28 36.7
GCA IP C	19 28 27.2
TUC EP	19 29 14.8
ALQ IP	19 29 33.5
SEP 25	
COL EP	19 37 59.0
SEP 25	
BOZ EP	20 14 09.4

Date and Station	Phase	(GCT)
		h m s
SEP 25		
H-20 19 45.0		
53.1N 159.7E		
h ABOUT 67KM		
COL	EP	20 25 36.4
NEW	EP	20 28 34.0
BMO	EP	20 28 50.7
	E	29 02.5
RCD	E(P)	20 29 47.0
TUC	E(P)	20 30 17.2
ALQ	IP	20 30 20.5
SEP 25		
BOZ	IP	21 14 26.5
	IL	14 42.0
SEP 25		
COL	EP	21 20 58.0
	I	21 06.6
	E(S)	22 40.8
	IL	22 46.0
SEP 25		
ADK	IP	21 23 04.5
	ES	23 47.2
SEP 25		
TUC	EP	23 23 42.0
BCN	E(P)	23 23 47.7
SEP 25		
ALQ	EP	23 25 11.1
SEP 25		
NEW	EP	23 41 52.0
SEP 25		
H-23 49 03.2		
35.6N 140.3E		
h ABOUT 89KM		
COL	EP	23 57 54.2
NEW	EP	24 00 16.0
BMO	EP	24 00 27.5
BOZ	EP	24 00 43.5
EUR	IP	24 00 50.2
SEP 26		
ALQ	EP	01 05 47.0
SEP 26		
GCA	E(P)	03 01 17.0
	E	01 42.6
SEP 26		
GCA	E(P)	04 02 39.0
	IS	03 03.2
SEP 26		
ALQ	EP	04 03 54.0

Date and Station	Phase	(GCT)
		h m s
SEP 26		
H-04 17 02.1		
37.4N 114.2W		
h ABOUT 33KM		
BCN	EP	04 17 27.0
	ES	17 45.7
GCA	IP	04 17 36.0
	IS	18 01.2
EUR	IP	04 17 41.2
SLC	E(P)	04 18 11.7
	EL	18 18.1
TUC	EP	04 18 27.5
ALQ	IP	04 18 41.0
	I	19 07.0
SEP 26		
H-04 22 51.8		
22.3N 117.9E		
h ABOUT 20KM		
COL	EP	04 34 15.6
NEW	EP	04 36 07.0
SEP 26		
H-05 10 56.0		
27.5N 092.6E		
h ABOUT 19KM		
COL	IP C	05 22 48.0
	I	22 55.6
NEW	EP	05 24 45.0
BMO	E(P)	05 24 56.1
BOZ	E(P)	05 25 10.0
EUR	EP'	05 29 13.5
	E	29 41.4
BCN	EPP	05 30 15.5
SEP 26		
H-06 03 48.4		
27.5N 092.7E		
h ABOUT 33KM		
COL	IP	06 15 39.7
SEP 26		
H-06 10 04.5		
16.1S 175.5W		
h ABOUT 108KM		
SLD	E(P)	06 21 27.7
BCN	EP	06 21 49.3
TUC	E(P)	06 21 54.0
EUR	IP	06 21 54.2
ALQ	IP	06 22 20.0
BMO	EP	06 22 05.4
NEW	EP	06 22 13.0

Date and Station	Phase	(GCT)
		h m s
BOZ	EP	06 22 26.5
SEP 26		
H-06 56 13.5		
53.2N 166.3W		
h ABOUT 42KM		
ADK	EP	06 57 48.0
	ES	58 59.3
COL	EP	06 59 44.6
EUR	EP	07 03 17.1
SEP 26		
SLD	E(P)	06 59 54.2
	ES	07 01 08.0
SEP 26		
H-07 13 11.0		
37.3N 114.1W		
h ABOUT 33KM		
BCN	IP	07 13 34.8
GCA	EP	07 13 44.3
	I	13 45.5
	IS	14 10.2
	IL	14 12.1
EUR	IP	07 13 50.5
TUC	E(P)	07 14 35.0
ALQ	IP	07 15 04.5
	IL	16 33.0
SEP 26		
LVN	P	07 17 27.5
SEP 26		
EUR	E(P)	07 50 03.0
SEP 26		
GCA	EP	09 09 34.5
	IS	10 00.5
EUR	EP	09 09 39.5
	I	09 46.0
	EL	10 26.9
SEP 26		
LVN	P	10 17 28.4
SEP 26		
H-11 56 50.9		
05.9S 150.3E		
h ABOUT 33KM		
COL	EP	12 09 20.2
EUR	EP	12 10 23.5
SEP 26		
H-13 40 54.0		
37.3N 114.2W		
h ABOUT 33KM		
BCN	EP	13 41 18.7
	EL	41 38.6
GCA	EP	13 41 28.5
	IS	41 54.5

Date and Station	Phase	(GCT)
		h m s
EUR	IP	13 41 33.8
SEP 26		
H-14 47 45.3		
03.7S 103.9W		
h ABOUT 33KM		
ALQ	EP	14 55 07.8
EUR	EP	14 56 01.8
NEW	EP	14 57 01.0
SEP 26		
ADK	IP	15 22 36.5
	IS	23 25.0
SEP 26		
EUR	EP	16 21 52.9
COL	EP D	16 22 15.5
SEP 26		
H-19 03 24.0		
36.2N 138.2E		
h ABOUT 68KM		
BMO	EP	19 14 55.9
BOZ	EP	19 15 11.0
EUR	IP	19 15 19.5
SEP 26		
H-19 40 33.0		
15.3N 096.3E		
h ABOUT 33KM		
ALQ	EP'	19 59 32.5
SEP 26		
EUR	EP	20 54 04.7
	E(S)	54 37.3
SEP 26		
ADK	IP	21 23 04.5
	ES	23 47.2
SEP 26		
COL	EP	23 25 06.0
SEP 27		
EUR	EP	00 19 06.8
	E(S)	19 43.3
SEP 27		
CED	IP	01 43 59.5
	IS	44 16.3
SEP 27		
EUR	E(P)	02 58 50.5
SEP 27		
H-03 19 57.5		
13.8N 146.5E		
h ABOUT 57KM		
GUA	IP	03 20 24.0
COL	EP	03 30 47.0
SLD	E(P)	03 32 22.2
NEW	IP	03 32 22.3

Date and Station	Phase (GCT)
	h m s
BMO FP	03 32 26.1
HHM EP	03 32 32.0
E	33 03.0
EUR EP	03 32 38.8
I	32 50.0
EPP	36 13.0
BOZ EP	03 32 44.5
E	33 14.0
BCN E(P)	03 32 48.4
TUC E(P)	03 33 07.8
ALQ IP	03 33 19.0
SEP 27	
COL EP	03 52 39.0
EUR E(P)	03 56 24.4
SEP 27	
H-04 01 35.5	
54.1S 007.2E	
h ABOUT 33KM	
NEW EP'	04 21 10.0
SEP 27	
EUR EP	04 36 53.7
ALQ IP	04 37 09.2
BMO EP	04 37 16.9
SEP 27	
NEW EP	05 47 06.0
SEP 27	
H-05 49 02.8	
5.9S 151.0E	
h ABOUT 58KM	
EUR EP	06 02 27.2
SEP 27	
H-06 34 35.6	
16.7N 060.7W	
h ABOUT 42KM	
SJG IP C	06 35 55.3
EL	37 07.0
ALQ IP	06 42 46.0
TUC IP	06 43 11.1
E	43 31.5
BOZ EP	06 43 36.2
EUR IP	06 43 50.5
BMO EP	06 44 03.1
NEW IP	06 44 07.9
E	44 36.0
COL EP	06 46 08.0

Date and Station	Phase (GCT)
	h m s
SEP 27	
H-07 55 09.2	
16.7N 060.7W	
h ABOUT 41KM	
SJG EP	07 56 29.5
ES	57 31.0
SEP 27	
H-08 29 44.4	
37.3N 114.2W	
h ABOUT 33KM	
LVN P	08 30 07.5
BCN EP	08 30 08.6
IL	30 26.6
GCA IP C	08 30 19.4
EUR IP	08 30 24.2
SLC E(P)	08 30 53.5
E	31 00.5
TUC EP	08 31 08.4
EL	32 44.0
SLD E(P)	08 31 21.7
IL	32 37.7
ALQ IP	08 31 23.2
I	31 44.5
IL	33 09.4
BMO EPN	08 31 39.5
SEP 27	
COL EP	08 33 21.0
SEP 27	
NEW EP	08 35 46.0
SEP 27	
GCA EP	08 38 35.0
SEP 27	
H-09 06 33.8	
20.7S 178.7W	
h ABOUT 600KM	
EUR EP	09 18 01.8
BMO I(P)	09 18 12.2
COL IP	09 18 23.1
SEP 27	
COL EP	09 26 24.0
SEP 27	
NEW EP	10 05 11.0
BMO E(P)	10 05 21.0
SEP 27	
GCA EP	10 11 26.0
E	12 03.0
E	12 06.5
EUR E(P)	10 11 56.3
SEP 27	
EUR E(P)	10 34 36.0

Date and Station	Phase (GCT)
	h m s
SEP 27	
H-10 54 52.3	
36.9N 024.0E	
h ABOUT 35KM	
NEW IP	11 07 42.0
BMO EP	11 07 55.2
SEP 27	
H-11 36 13.4	
16.8N 060.4W	
h ABOUT 33KM	
SJG EP	11 37 35.5
ES	38 40.0
EUR EP	11 45 30.0
SEP 27	
NEW EP	11 50 14.0
SEP 27	
H-12 21 42.5	
10.6N 069.7W	
h ABOUT 33KM	
EUR E(P)	12 30 37.5
SEP 27	
EUR EP	12 58 46.5
SEP 27	
H-15 06 48.8	
76.3N 010.3E	
h ABOUT 33KM	
COL E(P)	15 14 14.0
EUR EP	15 16 56.0
SEP 27	
H-15 24 04.3	
18.4S 068.5W	
h ABOUT 215KM	
EUR EP	15 35 11.5
SEP 27	
H-17 34 39.1	
12.6N 143.0E	
h ABOUT 47KM	
GUA IP	17 35 13.0
IS	38 03.0
NEW EP	17 47 21.0
BMO EP	17 47 25.5
EUR E(P)	17 47 39.0
SEP 27	
H-18 12 37.1	
39.6N 120.2W	
h ABOUT 33KM	
SLD EP	18 13 19.5
IS	13 51.3
EUR IP	18 13 27.6
SEP 27	
GCA EP	18 26 15.6

Date and Station	Phase (GCT)
	h m s
SEP 27	
H-18 41 43.5	
02.5N 128.3E	
h ABOUT 106KM	
ALQ EP'	19 00 18.8
SEP 27	
ALQ IP	19 02 03.0
IS	02 27.2
SEP 27	
H-19 15 27.2	
05.1S 151.9E	
h ABOUT 71KM	
COL IP	19 27 43.0
BMO EP	19 28 39.4
NEW EP	19 28 41.0
EUR EP	19 28 43.5
SEP 27	
BMO IP	19 17 13.5
SEP 27	
ALQ IP	20 52 16.8
I	52 45.0
SEP 27	
BMO E(P)	21 52 43.0
SEP 27	
UKI E(P)	22 16 34.0
SEP 28	
COL EP	00 10 06.5
BMO E(P)	00 13 04.4
SEP 27	
BCN E(P)	00 13 22.8
EL	13 41.5
EUR IP	00 13 32.7
SEP 28	
H-00 48 11.4	
44.2N 149.4E	
h ABOUT 32KM	
COL EP	00 55 44.0
NEW E(P)	00 58 35.0
EUR E(P)	00 59 03.0
SEP 28	
H-02 31 19.7	
42.8S 083.7W	
h ABOUT 33KM	
ALQ IP	02 43 27.6
EUR EP	02 44 08.7
SEP 28	
NEW EP	02 43 47.0
BMO E(P)	02 43 58.9

Date and Station	Phase	(GCT) h m s
SEP 28		
COL	IP	02 56 38.3
SEP 28		
H-04 55 49.1		
39.4N 120.2W		
h ABOUT 33KM		
SLD	EP C	04 56 28.6
	I	56 30.1
	IL	57 01.5
EUR	IP	04 56 38.8
	I	56 46.5
	IL	57 28.5
BMO	EPN	04 57 20.8
SEP 28		
BMO	EP	05 35 39.2
SEP 28		
GCA	E(P)	05 53 56.8
EUR	EP	05 54 01.5
	E	54 08.2
	EL	54 41.5
SEP 28		
NEW	EP	06 00 42.0
SEP 28		
SLD	EP	06 37 52.9
	E(S)	38 24.7
EUR	IP	06 38 03.8
SEP 28		
H-06 38 34.3		
39.6N 120.1W		
h ABOUT 33KM		
UKI	E(P)	06 39 13.5
SLD	IP D	06 39 16.9
	IS	39 48.9
EUR	EP	06 39 23.5
	I	39 33.4
	EL	40 16.7
SEP 28		
H-07 39 34.7		
39.6N 120.2W		
h ABOUT 33KM		
SLD	EP	07 40 16.7
	IS	40 48.1
EUR	EP	07 40 25.5
	E	40 32.5
	EL	41 17.0
SEP 28		
EUR	E(P)	08 53 02.0
SEP 28		
EUR	EP	08 57 31.6
SEP 28		
BMO	EP	08 59 53.8
SEP 28		
GCA	EP	10 15 23.0
EUR	EP	10 15 25.9
	E	15 32.1
	EL	16 10.3
SEP 28		
BMO	E(P)	10 31 23.2
	E	31 30.6
SEP 28		
BMO	E(P)	10 36 37.5
SEP 28		
GCA	E(P)	10 56 25.5
EUR	EP	10 56 30.6
	E	56 37.5
	EL	57 18.3
SEP 28		
HHM	EP	11 00 17.5
SEP 28		
BMO	E(P)	11 12 07.5
SEP 28		
H-11 49 42.0		
15.5S 178.6W		
h ABOUT 407KM		
EUR	IP	12 01 08.8
TUC	EP	12 01 12.0
BMO	IP	12 01 17.9
GCA	EP	12 01 19.5
COL	IP	12 01 25.5
NEW	IP	12 01 26.9
ALQ	IP	12 01 33.0
BOZ	EP	12 01 37.2
SEP 28		
H-12 50 26.7		
30.4N 113.9W		
h ABOUT 33KM		
TUC	E(P)	12 51 17.0
	EL	52 23.5
BCN	EP	12 51 50.3
	EL	53 46.0
ALQ	IP	12 52 20.8
EUR	E(P)	12 52 41.0
	EL	55 37.0
BMO	E(P)	12 54 02.3
SEP 28		
H-14 00 22.3		
27.5N 100.1E		
h ABOUT 27KM		
COL	EP D	14 11 56.3
	I	11 59.9
	E	12 43.5
	IS	21 35.0
	EL	26 48.0
NEW	EP	14 13 57.0
HHM	IP	14 14 02.2
	EPP	18 03.5
BMO	EP	14 14 09.2
BOZ	EP	14 14 17.0
EUR	EP	14 14 33.9
	EPP	18 47.4
	ESKS	25 10.2
	EPKKP	30 10.5
SLD	EP'	14 18 49.2
BCN	EP'	14 18 53.0
	E	19 18.5
ALQ	IPO	14 19 01.2
	EPP	20 12.5
BHP	IP'C	14 19 56.0
SEP 28		
H-16 37 50.7		
39.5N 120.2W		
h ABOUT 33KM		
SLD	EP C	16 38 30.7
	I	38 32.3
	IL	39 03.7
EUR	IP	16 38 41.2
	I	38 49.6
	IL	39 32.4
SEP 28		
ALQ	IP	19 34 10.0
	I	34 17.8
	IS	34 57.5
SEP 28		
ADK	IP	19 41 54.5
	IS	42 12.5
SEP 28		
EUR	IP	22 36 28.4
SEP 28		
ALQ	EP	23 29 53.6
SEP 28		
H-23 50 01.5		
27.3N 100.1E		
h ABOUT 33KM		
COL	EP	24 01 37.0
SEP 29		
EUR	EP	00 29 39.4
SEP 29		
H-01 15 44.0		
37.3N 114.3W		
h ABOUT 33KM		
BCN	EP	01 16 07.7
	IL	16 27.2
LVN	P	01 16 08.0
GCA	EP	01 16 19.4
EUR	EPN	01 16 23.5
ALQ	E(P)	01 17 34.2
	IL	19 08.4
SEP 29		
NEW	EP	02 14 31.0
SEP 29		
H-02 44 19.2		
19.9S 176.3W		
h ABOUT 246KM		
GUA	EP	02 52 55.5
	E	53 50.0
BCN	EP	02 56 05.6
	E	57 05.8
EUR	EP D	02 56 10.8
	EpP	57 09.6
TUC	EP	02 56 11.0
	EpP	57 09.5
BMO	IP	02 56 22.6
	EpP	57 21.6
NEW	IP	02 56 32.5
	IpP	57 33.0
ALQ	IP	02 56 32.6
	IpP	57 32.2
COL	IP D	02 56 38.2
	EpP	57 41.0
HHM	E(P)	02 56 39.5
BOZ	IP	02 56 41.2
	EpP	57 41.0
SEP 29		
H-04 37 48.8		
51.2N 179.0W		
h ABOUT 44KM		
ADK	IP	04 38 15.1
	IS	38 35.4
COL	EP	04 42 32.0
NEW	IP	04 45 12.8
BMO	E(P)	04 45 26.6
BOZ	IP	04 45 50.8
EUR	IP	04 45 58.8
ALQ	IP	04 47 04.5
SEP 29		
UKI	E(P)	04 43 32.0
SEP 29		
EUR	E(P)	04 50 33.7
COL	IP	04 55 47.8
SEP 29		
H-05 27 43.5		
19.9S 176.5W		
h ABOUT 318KM		

Date and Station	Phase (GCT)
	h m s
COL EP	05 39 55.6
SEP 29	
COL EP	06 29 15.0
SEP 29	
GCA EP	07 18 38.4
SEP 29	
H-08 12 17.7	
44.1N 151.4E	
h ABOUT 33KM	
COL EP	08 19 41.9
BOZ EP	08 22 53.0
SEP 29	
GCA EP	08 43 31.0
SEP 29	
HHM E(P)	08 53 18.5
BOZ EP	08 53 29.5
EUR IP	08 53 33.0
SEP 29	
GCA EP	13 47 19.6
ES	47 45.9
SEP 29	
ADK IP	14 12 47.5
IS	13 11.5
SEP 29	
TUC EP	14 16 02.0
SEP 29	
TUC EP	14 19 02.7
E	29 38.0
SEP 29	
EUR IP	14 28 40.1
SEP 29	
EUR E(P)	14 40 28.2
TUC E(P)	14 41 39.0
SEP 29	
H-14 45 30.0	
37.2N 116.0W	
h ABOUT 0KM	
BCN EP	14 45 58.1
IS	46 18.4
EUR IP	14 46 09.7
GCA EP	14 46 28.6
EL	47 21.0
SLD I(P)	14 46 45.7
IS	47 33.2
IL	47 42.0
SLC EP	14 46 47.2
BMO EPN	14 47 27.0
ALQ IP	14 47 31.0
I	47 59.5
IL	49 41.2

Date and Station	Phase (GCT)
	h m s
BOZ EP	14 47 48.2
SEP 29	
H-14 54 46.6	
8.6S 110.5E	
h ABOUT 33KM	
ADK IP	15 08 31.5
IS	08 47.5
BMO EP'	15 13 45.7
E	14 00.4
BOZ EP'	15 13 48.0
E	14 08.0
EUR EP'	15 13 53.5
SEP 29	
BCN E(P)	14 57 34.9
E	57 58.5
SEP 29	
H-15 01 53.6	
20.8N 146.1E	
h ABOUT 46KM	
GUA EP	15 03 40.0
E(S)	05 19.0
COL E(P)	15 12 05.5
NEW EP	15 13 56.0
SEP 29	
EUR EP	15 40 14.0
E	40 20.3
EL	40 52.7
SEP 29	
TUC E(P)	16 17 12.0
SEP 29	
SLD E(P)	17 12 07.8
IS	12 38.8
EUR E(P)	17 12 15.0
E	12 23.7
EL	13 05.7
SEP 29	
H-17 13 22.2	
18.5S 069.8W	
h ABOUT 113KM	
BMO E(P)	17 25 00.9
E	25 26.1
SEP 29	
BCN E(P)	17 18 27.7
EL	18 47.4
GCA EP	17 18 38.4
IS	19 05.0
SEP 29	
EUR E(P)	17 23 19.9
EL	24 08.5
SEP 29	
H-17 43 51.6	
19.1N 121.1E	
h ABOUT 78KM	

Date and Station	Phase (GCT)
	h m s
TUC E(P)	17 58 19.5
SEP 29	
GCA EP	19 07 31.0
ALQ IP	19 08 23.0
I	08 56.5
SEP 29	
TUC E(P)	19 38 23.5
SEP 29	
H-20 11 45.9	
39.6N 120.1W	
h ABOUT 33KM	
SLD EP	20 12 28.8
IS	12 00.9
EUR IP	20 12 36.0
SEP 29	
BMO E(P)	20 33 27.4
SEP 29	
ALQ IP	20 39 14.8
IS	39 48.0
GCA IP	20 39 20.0
EL	39 53.5
SEP 29	
H-22 07 43.9	
37.4N 114.2W	
h ABOUT 31KM	
BCN EP	22 08 08.9
IL	08 28.2
GCA IP	22 08 19.7
EUR EP	22 08 23.7
SEP 29	
ALQ IP	23 04 49.6
I	05 14.6
SEP 30	
H-00 10 25.2	
44.8S 015.4W	
h ABOUT 33KM	
BMO EP'	00 29 26.1
COL EP'	00 30 04.2
SEP 30	
KIP IP	00 32 36.4
SEP 30	
EUR EP	01 42 13.0
SEP 30	
BOZ E(P)	02 39 13.0
E	40 48.5
SEP 30	
NEW EP	02 43 05.0
SEP 30	
BOZ IP	03 00 28.6
IS	00 32.0

Date and Station	Phase (GCT)
	h m s
SEP 30	
BHP IP C	03 57 33.3
SEP 30	
BOZ EP	04 04 44.0
SEP 30	
ADK IP	04 08 13.0
IS	08 30.0
SEP 30	
COL EP	05 56 30.0
SEP 30	
H-05 59 52.8	
38.8N 064.5E	
h ABOUT 33KM	
COL IP	06 11 23.6
NEW EP	06 13 06.0
BOZ EP	06 13 18.5
BMO E(P)	06 13 20.8
EUR E(P)	06 13 47.1
SEP 30	
TUC E(P)	06 16 01.0
SEP 30	
H-07 03 22.7	
15.4N 094.1W	
h ABOUT 49KM	
ALQ IP	07 08 20.4
I	08 29.0
TUC EP	07 08 23.0
EUR IP	07 09 36.3
BOZ EP	07 10 01.9
BMO EP	07 10 14.2
NEW EP	07 10 36.0
E	10 42.0
COL IP	07 13 33.3
SEP 30	
BMO E(P)	07 33 47.6
SEP 30	
NEW EP	07 58 07.0
SEP 30	
COL EP	07 59 39.0
SEP 30	
H-08 14 37.6	
37.3N 114.2W	
h ABOUT 33KM	
BCN EP	08 15 02.0
IS	15 21.1
GCA IP C	08 15 12.5
EUR IP	08 15 17.1
SLC E(P)	08 15 47.9

Date and Station	Phase	(GCT) h m s
TUC	EP	08 16 02.3
ALQ	IP	08 16 19.0
	I	16 36.0
	IL	17 54.0
SEP 30		
H-08 20 01.1		
37.4N 114.4W		
h ABOUT 33KM		
BCN	EP D	08 20 27.3
	IS	20 46.9
EUR	IP	08 20 38.2
GCA	IP C	08 20 38.5
TUC	EP	08 21 27.0
ALQ	IP	08 21 40.6
	I	22 03.0
	IL	23 26.0
SEP 30		
GCA	EP	08 47 13.0
EUR	E(P)	08 47 17.5
	E	47 26.0
	EL	47 54.0
SEP 30		
GCA	EP	09 20 05.5
SEP 30		
H-09 29 11.7		
18.2S 069.6W		
h ABOUT 122KM		
SJG	EP	09 36 01.4
	IS	41 28.0
	E	42 24.5
ALQ	IP	09 39 29.8
	I▸P	39 59.8
TUC	EP	09 39 33.0
	E▸P	40 03.0
BCN	EP D	09 40 05.6
	E▸P	40 38.4
SLC	E(P)	09 40 15.4
EUR	IP D	09 40 24.2
	IPCP	40 41.6
	I▸P	40 56.1
SLD	IP D	09 40 33.9
	E▸P	41 04.8
BOZ	IP	09 40 36.3
	I▸P	41 07.5
	I▸P	41 21.0
BMO	EP	09 40 49.4
	E▸P	41 20.5
HHM	E(P)	09 40 58.0
NEW	EP	09 41 00.0
GUA	EP'	09 48 41.0
SEP 30		
NEW	EP	09 30 46.0
SEP 30		
EUR	EP	11 13 21.0
SEP 30		
GCA	EP	12 16 52.8
EUR	EP	12 16 58.0
	EL	17 37.7
SEP 30		
GCA	EP	12 25 33.0
SEP 30		
ADK	IP	14 19 23.3
	IS	19 40.8
SEP 30		
EUR	IP	14 26 40.5
SEP 30		
H-15 02 17.8		
17.4S 172.5W		
h ABOUT 33KM		
TUC	E(P)	15 14 09.0
EUR	IP	15 14 11.5
BMO	EP	15 14 23.8
BOZ	EP	15 14 42.7
COL	IP	15 14 47.4
SEP 30		
H-15 29 53.1		
17.9S 178.6W		
h ABOUT 631KM		
EUR	IP	15 41 08.2
TUC	EP	15 41 10.0
BMO	EP	15 41 18.0
NEW	EP	15 41 26.0
COL	IP	15 41 26.9
SEP 30		
ADK	IP	15 42 33.3
	IS	42 59.8
SEP 30		
COL	EP	16 45 33.0
SEP 30		
H-18 19 36.2		
37.4N 114.2W		
h ABOUT 33KM		
BCN	IP D	18 19 59.4
	IS	20 19.9
LVN	P	18 20 02.5
EUR	IP	18 20 14.2
ALQ	IP	18 21 22.3
BMO	EPN	18 21 29.6
SEP 30		
EUR	IP	19 55 52.0
SEP 30		
GCA	EP	20 02 28.7
BCN	EP	20 03 08.6
	IS	03 28.0
EUR	I(P)	20 03 19.5
GCA	IP	20 03 19.5
SEP 30		
BOZ	EP	22 42 52.5
SEP 30		
EUR	IP	22 59 30.9
SLD	E(P)	22 59 31.4
SEP 30		
BCN	E(P)	23 29 21.2
	ES	29 40.0
GCA	EP	23 29 31.3
EUR	EP	23 29 35.9
	EL	30 15.0