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SEISMOLOGICAL BULLETIN

April, 1966

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LIST OF SEISMOGRAPH STATIONS

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

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, 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 hroizontal 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 epicenters, 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

A5337 USCOMM-ESSA-DC

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
1	00 57 27*	59.8 N	145.7 W	33	3.7	GULF OF ALASKA.
1	01 11 40.2	74.3 N	9.3 E	33	4.4	GREENLAND SEA.
1	01 37 28.1	18.6 N	69.3 W	140	3.9	DOMINICAN REPUBLIC REGION.
1	02 39 09*	46.3 N	129.8 W	33	3.6	OFF COAST OF WASHINGTON.
1	02 51 07.2	51.8 N	176.4 E	60	5.1	RAT ISLANDS, ALEUTIAN ISLANDS.
1	02 57 39.5	53.6 S	2.7 W	33	5.0	SOUTH ATLANTIC RIDGE.
1	03 33 28.8	53.5 S	3.1 W	33	5.7	SOUTH ATLANTIC RIDGE.
1	03 38 38*	64.5 N	152.9 W	33	4.3	CENTRAL ALASKA.
1	05 21 08.0	5.8 S	149.2 E	95	5.9	NEW BRITAIN REGION.
1	07 55 50*	16.6 S	72.9 W	33		NEAR COAST OF PERU.
1	07 56 09*	51.4 N	174.7 E	33	4.0	NEAR ISLANDS, ALEUTIAN ISLANDS.
1	07 59 41*	0.6 N	29.5 E	17	4.5	REPUBLIC OF THE CONGO.
1	13 15 04.3	38.7 N	21.5 E	34	4.7	GREECE. FELT AT AGRINION.
1	15 19 51.7	5.1 N	82.5 W	38	4.7	SOUTH OF PANAMA.
1	15 51 26*	29.0 S	178.8 W	283	3.9	KERMADEC ISLANDS REGION.
1	18 40 00.039					37° 06' 10" N., 116° 01' 12" W. NEVADA TEST SITE. "LIME". SHOT ELEVATION 754.1 METERS (AEC).
1	19 17 58*	21.7 S	179.2 W	575	4.1	FIJI ISLANDS REGION.
2	00 38 06*	17.0 N	95.3 W	33	3.6	OAXACA, MEXICO.
2	01 52 39.2	16.4 N	97.4 W	53	5.3	OAXACA, MEXICO. MAG. 4.5-5.0 (BRK), 5 (PAL).
2	08 34 27.9	5.5 N	82.5 W	35	4.5	SOUTH OF PANAMA.
2	11 01 38*	3.6 S	151.1 E	23	4.5	NEW IRELAND REGION.
2	12 31 30*	21.0 S	179.3 W	641	4.1	FIJI ISLANDS REGION.
2	12 48 38.8	38.4 N	118.2 W	9	4.0	CALIFORNIA-NEVADA BORDER REGION. MAG. 4 1/4-4 1/2 (PAS), 4.8 (BRK). FELT IN LUNING, MINA, AND HAWTHORNE, NEVADA.
2	15 02 14*	35.2 N	138.6 E	182	3.8	HONSHU, JAPAN.
2	18 15 30*	16.7 N	98.4 W	38	3.8	NEAR COAST OF GUERRERO, MEXICO.
2	18 16 55.0	6.9 N	73.1 W	148	5.1	NORTHERN COLOMBIA.
2	21 08 23.2	22.3 S	176.1 W	160	4.5	SOUTH OF FIJI ISLANDS.
2	22 39 11*	16.0 S	173.4 W	33	4.4	TONGA ISLANDS.
2	22 43 21.8	38.6 N	142.0 E	43	5.2	NEAR EAST COAST OF HONSHU, JAPAN.
2	23 15 51*	17.7 N	98.5 W	63	3.4	GUERRERO, MEXICO.
3	01 52 09*	20.1 S	172.4 W	8	4.3	TONGA ISLANDS REGION.
3	02 32 46*	20.7 S	179.2 W	625	4.3	FIJI ISLANDS REGION.
3	04 43 38.4	36.6 N	141.0 E	45	5.8	NEAR EAST COAST OF HONSHU, JAPAN.
3	05 11 36*	36.4 N	3.1 E	14	4.3	ALGERIA. 2 INJURED AND SLIGHT DAMAGE AT BLIDA. FELT AT EL HARRACH AND ALGIERS.
3	07 38 41.1	8.3 S	156.4 E	63	4.8	SOLOMON ISLANDS.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
3	09 17 26.2	10.2 S	79.6 W	17	4.6	OFF COAST OF PERU.
3	11 36 23.1	39.0 N	21.4 E	14	4.8	GREECE.
3	14 22 38.6	38.4 S	72.9 W	33	4.4	CENTRAL CHILE.
3	15 55 20.4	16.3 S	177.0 W	33	4.9	FIJI ISLANDS REGION.
3	16 21 34.0	39.4 N	106.4 W	0	4.7	COLORADO. BECHTEL CORP. EXPLODED 315 TONS CHEMICAL EXPLOSIVE(EQUIVALENT) IN CONSTRUCTION OF HOMESTAKE DAM EIGHT MILES SOUTHWEST OF LEADVILLE (39° 21' 47.0" N., 106° 27' 44.0" W.).
3	16 42 25.5	10.4 S	165.7 E	155	4.3	SANTA CRUZ ISLANDS.
3	18 14 24*	14.7 N	92.7 W	33	3.7	NEAR COAST OF CHIAPAS, MEXICO.
3	18 26 58*	17.2 S	178.9 W	591	3.8	FIJI ISLANDS REGION.
3	19 28 34.0	18.7 N	103.1 W	96	4.1	NEAR COAST OF MICHOACAN, MEXICO.
3	19 44 38*	30.7 N	113.7 W	33	4.5	GULF OF CALIFORNIA. MAG. 4.5 (PAS).
3	19 56 57*	30.6 N	113.6 W	33	4.3	GULF OF CALIFORNIA.
3	20 10 38*	30.9 N	113.6 W	33	4.1	GULF OF CALIFORNIA.
3	23 02 39*	71.8 N	2.6 W	33	4.3	JAN MAYEN ISLAND REGION.
4	01 49 03*	55.8 N	164.1 E	33	4.3	KOMANDORSKY ISLANDS REGION.
4	02 17 16.6	11.8 N	92.5 E	25	4.9	ANDAMAN ISLANDS REGION.
4	02 51 37.6	11.9 N	92.5 E	25	5.1	ANDAMAN ISLANDS REGION.
4	05 37 50.5	54.5 S	146.1 E	33	5.4	WEST OF MACQUARIE ISLAND.
4	06 17 44.6	5.5 S	151.7 E	43	5.3	NEW BRITAIN REGION. FELT AT RABAUL.
4	06 42 12.2	11.8 N	92.5 E	22	5.1	ANDAMAN ISLANDS REGION.
4	09 23 19.6	50.6 N	143.5 E	33	4.8	SAKHALIN ISLAND.
4	10 30 27.5	5.3 S	151.7 E	57	5.2	NEW BRITAIN REGION. FELT AT RABAUL.
4	11 24 52*	41.0 N	116.1 W	33		NEVADA.
4	18 23 33*	18.8 N	103.1 W	127	3.8	NEAR COAST OF MICHOACAN, MEXICO.
4	19 50 07.1	13.8 N	89.7 W	102	5.1	EL SALVADOR. MAG. 4 3/4 (PAL). FELT AT SAN SALVADOR.
4	19 50 53*	17.9 S	168.2 E	32		NEW HEBRIDES ISLANDS.
4	20 44 56*	38.0 N	31.2 W	33	4.6	AZORES ISLANDS REGION.
4	20 48 39.0	38.2 N	31.3 W	33	4.8	AZORES ISLANDS REGION.
4	23 32 21.0	10.8 S	164.3 E	27	5.2	SANTA CRUZ ISLANDS REGION.
5	00 07 31.8	11.8 N	92.5 E	17	4.6	ANDAMAN ISLANDS REGION.
5	04 57 41.4	43.9 N	147.7 E	76	5.2	KURILE ISLANDS.
5	05 18 45.1	36.9 N	71.0 E	114	4.7	AFGHANISTAN-USSR BORDER REGION.
5	05 50 02.6	15.8 S	167.1 E	46	4.3	NEW HEBRIDES ISLANDS.
5	06 08 10.0	16.4 S	28.8 E	33	4.5	ZAMBIA.
5	06 08 15*	18.7 N	108.2 W	33	3.6	REVILLA GIGEDO ISLANDS REGION.
5	08 07 24*	39.0 N	21.7 E	13	4.3	GREECE.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
5	08 51 17.9	36.9 N	138.1 E	17	5.1	HONSHU, JAPAN. SLIGHT DAMAGE AT NAGANO.
5	11 57 41.1	55.1 S	158.4 E	33	5.4	MACQUARIE ISLAND REGION.
5	14 10 54*	61.7 N	148.0 W	112	3.7	SOUTHERN ALASKA.
5	14 32 26*	61.8 N	126.8 W	33	4.1	NORTHWEST TERRITORIES, CANADA.
5	15 17 49.8	54.9 N	161.5 W	9	3.5	ALASKA PENINSULA.
5	16 29 41.8	37.8 N	115.3 E	33	4.7	NORTHEASTERN CHINA.
5	18 34 53*	34.8 S	109.7 W	33	4.7	EASTER ISLAND CORDILLERA.
5	18 59 55.1	6.0 S	147.6 E	69	5.1	EAST NEW GUINEA REGION.
6	01 17 54*	0.8 N	29.9 E	41	4.4	REPUBLIC OF THE CONGO.
6	01 51 53.2	34.9 N	73.1 E	58	5.0	WEST PAKISTAN. FELT IN KASHMIR.
6	02 59 02.4	45.8 S	96.2 E	33	5.7	SOUTHEAST INDIAN RISE. MAG. 6 (PAS).
6	03 12 19*	38.1 N	115.3 E	33	4.9	NORTHEASTERN CHINA.
6	03 51 27*	16.6 S	69.7 W	200	3.6	PERU-BOLIVIA BORDER REGION.
6	05 03 04.6	22.4 S	171.4 E	81	4.7	LOYALTY ISLANDS REGION.
6	05 47 08.2	59.5 S	26.3 W	33	5.2	SOUTH SANDWICH ISLANDS REGION.
6	12 24 52*	3.8 S	81.7 W	33	4.1	NEAR COAST OF NORTHERN PERU.
6	13 02 51*	16.7 N	99.9 W	87	4.0	NEAR COAST OF GUERRERO, MEXICO. FELT AT ACAPULCO.
6	13 57 17.097					37° 08' 22" N., 116° 08' 02" W. NEVADA TEST SITE. "STUTZ". SHOT ELEVATION 1259.4 METERS (AEC).
6	14 04 24*	22.4 S	68.0 W	177	4.4	NORTHERN CHILE.
6	17 02 40*	4.1 S	152.0 E	199	4.7	NEW BRITAIN REGION.
6	17 56 32.1	37.2 N	115.4 W	33	4.1	SOUTHERN NEVADA.
6	18 06 36*	38.6 S	74.6 W	21	4.7	OFF COAST OF CENTRAL CHILE.
6	18 07 03.3	51.4 N	153.4 E	210	4.3	NORTHWEST OF KURILE ISLANDS.
6	19 45 48.3	22.3 S	171.5 E	121	5.1	LOYALTY ISLANDS REGION.
6	19 45 59.0	30.6 N	130.9 E	66	4.9	KYUSHU, JAPAN.
6	19 52 29.1	21.5 S	170.2 E	61	5.4	LOYALTY ISLANDS REGION.
6	20 55 57*	5.1 S	133.7 E	33	4.9	AROE ISLANDS REGION.
6	21 53 08.4	9.0 N	126.4 E	50	5.4	MINDANAO, PHILIPPINE ISLANDS.
6	22 28 38.2	56.5 N	154.5 W	33	5.5	KODIAK ISLAND REGION.
6	22 56 06.6	9.4 S	107.9 E	44	5.1	SOUTH OF JAVA.
7	00 09 10.7	0.6 N	29.9 E	33	4.4	REPUBLIC OF THE CONGO.
7	00 14 56.0	1.8 S	134.2 E	36	5.0	WEST NEW GUINEA REGION.
7	00 40 33.8	36.9 N	26.8 E	33	4.2	DODECANESE ISLANDS.
7	00 58 30*	72.3 N	151.2 W	33	3.9	BEAUFORT SEA.
7	03 25 44.1	38.0 N	21.1 E	14	4.9	SOUTHERN GREECE. FELT IN CENTRAL GREECE, PELOPONNESUS AND ON ZANTE ISLAND.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
7	03 52 42*	43.8 N	147.5 E	60	4.6	KURILE ISLANDS.
7	05 02 57.4	15.6 S	174.4 W	38	4.9	TONGA ISLANDS.
7	09 42 32.2	26.2 N	127.4 E	45	5.8	RYUKYU ISLANDS. FELT ON OKINAWA.
7	11 00 53.9	38.8 N	119.4 W	14		CALIFORNIA-NEVADA BORDER REGION. MAG. 3.7 (BRK).
7	11 51 26*	20.5 S	177.7 W	478	3.8	FIJI ISLANDS REGION.
7	14 36 32.0	24.1 S	175.2 W	56	5.2	SOUTH OF TONGA ISLANDS.
7	16 26 40*	6.0 S	152.6 E	51	4.8	NEW BRITAIN REGION.
7	17 15 42*	5.6 S	151.7 E	54	5.2	NEW BRITAIN REGION.
7	22 08 47*	52.3 N	174.2 E	33	4.3	NEAR ISLANDS, ALEUTIAN ISLANDS.
7	22 27 30.040					37° 01' 03" N., 115° 59' 32" W. NEVADA TEST SITE. "TOMATO". SHOT ELEVATION 996.7 METERS (AEC).
7	23 53 51.1	2.0 S	100.2 E	33	4.9	SOUTHERN SUMATRA.
8	01 46 45.5	51.3 N	157.8 E	48	6.0	NEAR EAST COAST OF KAMCHATKA. MAG. 6 1/2 (PAS), 6.1 (BRK), 6-6 1/4 (PAL).
8	02 41 34.3	9.1 S	158.3 E	73	4.9	SOLOMON ISLANDS.
8	02 55 00.8	37.4 N	115.0 W	33		SOUTHERN NEVADA.
8	05 24 45.2	51.3 N	157.9 E	48	5.3	NEAR EAST COAST OF KAMCHATKA.
8	05 52 40.0	52.7 N	33.3 W	31	5.3	NORTH ATLANTIC OCEAN.
8	06 23 39.1	10.2 S	161.3 E	58	4.8	SOLOMON ISLANDS.
8	07 15 54.5	20.3 S	174.1 W	121	3.9	TONGA ISLANDS.
8	09 19 05.2	56.7 N	152.4 W	13	4.6	KODIAK ISLAND REGION.
8	10 32 05.0	8.1 S	156.3 E	19	5.1	SOLOMON ISLANDS.
8	11 10 21.2	14.9 S	175.5 W	33	5.2	SAMOA ISLANDS REGION.
8	12 27 25*	56.7 N	152.1 W	33	4.0	KODIAK ISLAND REGION.
8	13 46 52.1	35.7 N	30.9 E	76	4.4	EASTERN MEDITERRANEAN SEA.
8	14 07 51.9	26.6 S	114.4 W	33	5.3	EASTER ISLAND REGION.
8	20 03 43.7	27.8 S	176.7 W	87	4.9	KERMADEC ISLANDS.
8	22 10 57.1	56.5 N	152.5 W	33	5.0	KODIAK ISLAND REGION. MAG. 5 1/2-5 3/4 (PAL).
8	22 15 03.3	36.4 N	70.8 E	200	4.7	HINDU KUSH REGION.
8	22 33 51.0	56.8 N	152.1 W	37	3.9	KODIAK ISLAND REGION.
8	22 37 05*	56.7 N	152.5 W	33	4.3	KODIAK ISLAND REGION.
8	23 05 19*	50.3 N	156.7 E	50	4.6	KURILE ISLANDS.
8	23 17 16*	68.1 N	19.6 W	33	4.4	ICELAND REGION.
8	23 46 50.1	52.4 N	173.5 E	38	4.8	NEAR ISLANDS, ALEUTIAN ISLANDS.
9	02 34 23.9	9.4 N	84.2 W	47	5.3	COSTA RICA.
9	02 42 11.1	9.5 N	84.1 W	49	5.7	COSTA RICA. MAG. 5.5-5.7 (BRK), 5 3/4 (PAL).
9	04 07 51.6	27.5 S	113.6 W	33	4.8	EASTER ISLAND REGION.

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APR	H M S	DEG	DEG	KM		
9	07 16 17*	56.8 N	152.1 W	36	4.3	KODIAK ISLAND REGION.
9	07 53 12*	0.8 S	78.1 W	30	3.9	ECUADOR.
9	08 48 15*	56.6 N	152.5 W	30	3.8	KODIAK ISLAND REGION.
9	14 23 54*	23.8 S	179.9 W	493	3.9	SOUTH OF FIJI ISLANDS.
9	14 31 57.0	32.8 N	137.7 E	355	4.5	SOUTH OF HONSHU, JAPAN.
9	14 49 23.0	14.1 S	166.7 E	49	5.2	NEW HEBRIDES ISLANDS.
9	15 49 55*	6.8 N	72.9 W	162		NORTHERN COLOMBIA.
9	18 51 44.8	60.2 N	147.2 W	33	4.7	SOUTHERN ALASKA.
9	19 11 11.2	14.5 N	40.6 E	33	4.7	ETHIOPIA.
9	20 00 56.6	5.4 N	126.0 E	116	5.3	MINDANAO, PHILIPPINE ISLANDS.
9	20 08 34.7	56.4 N	152.3 W	14	5.4	KODIAK ISLAND REGION.
9	20 17 43.8	56.6 N	152.1 W	25	5.0	KODIAK ISLAND REGION.
9	23 21 29*	5.9 N	124.0 E	534	4.9	MINDANAO, PHILIPPINE ISLANDS.
10	00 28 32.5	17.9 N	97.1 W	108	3.8	OAXACA, MEXICO.
10	04 11 13*	51.8 N	174.3 E	32	4.2	NEAR ISLANDS, ALEUTIAN ISLANDS.
10	05 55 49.5	22.0 S	68.4 W	112	4.5	CHILE-BOLIVIA BORDER REGION.
10	06 53 08.9	37.6 N	115.3 E	33	4.8	NORTHEASTERN CHINA.
10	10 07 45.9	10.2 N	122.2 E	70	4.4	PANAY, PHILIPPINE ISLANDS.
10	10 33 35.8	6.8 N	73.0 W	168	4.9	NORTHERN COLOMBIA. FELT IN CENTRAL COLOMBIA.
10	10 39 53.2	53.1 N	170.9 E	33	5.1	NEAR ISLANDS ALEUTIAN ISLANDS.
10	16 36 14.9	31.5 S	71.0 W	63	5.6	NEAR COAST OF CENTRAL CHILE MAG. 6 (PAS), 5.9 (BRK), 5¾ - 5½ (PAL). FELT IN CENTRAL CHILE
10	19 57 30*	36.9 N	137.7 E	33	4.1	HONSHU, JAPAN.
10	21 06 19*	36.7 N	137.9 E	33	4.2	HONSHU, JAPAN.
10	22 27 00.9	41.3 N	125.6 W	33	5.0	OFF COAST OF NORTHERN CALIFORNIA. MAG. 4.6-5.2 (BRK), 5-5 1/4 (PAL).
11	06 46 08*	19.9 S	68.6 W	85	4.6	CHILE-BOLIVIA BORDER REGION.
11	07 28 59*	23.6 S	68.3 W	98	3.9	NORTHERN CHILE.
11	10 29 20.1	22.1 S	68.4 W	119	4.1	NORTHERN CHILE.
11	12 57 23*	20.4 N	146.2 E	33	4.7	MARIANA ISLANDS REGION.
11	14 35 33*	8.8 N	83.4 W	46	4.0	COSTA RICA.
11	16 05 43.4	52.7 N	173.1 E	31	5.1	NEAR ISLANDS, ALEUTIAN ISLANDS.
11	16 42 52.2	38.9 N	70.6 E	13	4.8	AFGHANISTAN-USSR BORDER REGION.
11	17 17 32.4	18.3 N	102.3 W	56	5.5	MICHOACAN, MEXICO. MAG. 4.8-5.2 (BRK), 5 1/4-5 1/2 (PAL). FELT AT YURECUARO AND IN FEDERAL DISTRICT.
11	18 26 09.0	57.2 N	153.4 W	12	4.9	KODIAK ISLAND REGION.
11	19 37 13*	23.8 S	69.1 W	78	4.2	NORTHERN CHILE.
11	22 11 12*	20.7 S	178.4 W	605	4.0	FIJI ISLANDS REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
11	23 00 23.7	56.6 N	152.1 W	33	5.4	KODIAK ISLAND REGION. MAG. 4.5-4.8 (BRK), 5 3/4-6 (PAL).
11	23 45 16*	51.1 N	179.9 E	33	4.2	RAT ISLANDS, ALEUTIAN ISLANDS.
12	01 31 06.1	17.7 S	69.7 W	139	4.2	PERU-BOLIVIA BORDER REGION.
12	03 34 22*	12.6 N	87.6 W	104	3.9	NEAR COAST OF NICARAGUA.
12	07 35 13*	1.3 N	30.0 E	24	4.8	UGANDA.
12	17 30 49*	12.6 N	88.0 W	33	4.4	OFF COAST OF CENTRAL AMERICA.
12	18 22 13.9	13.6 N	120.8 E	129	4.8	MINDORO, PHILIPPINE ISLANDS.
12	21 13 46*	55.8 N	163.0 E	95	4.7	OFF EAST COAST OF KAMCHATKA.
12	22 00 42*	23.1 S	66.4 W	237		JUJUY PROVINCE, ARGENTINA.
12	23 15 29.0	17.9 S	168.0 E	28	5.4	NEW HEBRIDES ISLANDS.
12	23 37 38.7	38.2 S	73.1 W	20		NEAR COAST OF CENTRAL CHILE. MAG. 6 (PAS), 6.4 (BRK), 6-6 1/4 (PAL). FELT IN CENTRAL CHILE.
13	00 31 57*	56.7 N	152.2 W	33	4.4	KODIAK ISLAND REGION.
13	00 54 43*	14.1 N	92.5 W	60	4.6	NEAR COAST OF CHIAPAS, MEXICO.
13	02 14 17.9	0.9 N	30.1 E	17	5.0	UGANDA.
13	03 00 20.5	36.4 N	70.8 E	201	4.6	HINDU KUSH REGION.
13	03 35 16.7	38.1 S	73.1 W	39	5.8	NEAR COAST OF CENTRAL CHILE. MAG. 5 1/2 (PAS), 5.9 (BRK), 5 1/2-5 3/4 (PAL). FELT AT CONCEPCION.
13	04 27 54.9	23.6 S	179.8 W	549	5.1	SOUTH OF FIJI ISLANDS.
13	05 39 28*	38.3 S	72.8 W	56	4.1	CENTRAL CHILE.
13	05 58 02.1	44.2 N	107.1 W	33		WYOMING.
13	09 10 54.0	38.3 S	73.5 W	12	4.8	NEAR COAST OF CENTRAL CHILE.
13	09 43 04.5	1.3 N	30.2 E	33	4.6	UGANDA.
13	11 17 51*	54.0 N	166.3 W	33	3.9	FOX ISLANDS, ALEUTIAN ISLANDS.
13	13 07 35.5	25.5 N	109.3 W	27	4.3	GULF OF CALIFORNIA.
13	15 24 59*	7.1 S	127.9 E	15	4.8	BANDA SEA.
14	02 10 32.8	13.1 N	144.9 E	50	4.9	MARIANA ISLANDS. FELT ON GUAM.
14	02 48 07*	8.1 N	77.6 W	78	3.7	PANAMA-COLOMBIA BORDER REGION.
14	05 35 10.6	14.5 N	93.2 W	33	3.9	NEAR COAST OF CHIAPAS, MEXICO.
14	06 19 13.9	25.0 S	64.5 W	27	5.2	SALTA PROVINCE, ARGENTINA.
14	06 54 35*	14.4 N	93.4 W	33	3.7	NEAR COAST OF CHIAPAS, MEXICO.
14	06 57 46*	11.8 N	87.5 W	33	4.1	NEAR COAST OF NICARAGUA.
14	08 08 01*	5.2 S	141.5 E	15		NEW GUINEA. FELT AT TELEFOMIN.
14	09 46 57*	13.5 N	144.5 E	86	4.3	MARIANA ISLANDS.
14	10 30 00*	14.0 N	144.9 E	33	4.7	MARIANA ISLANDS.
14	12 43 20*	15.0 N	93.3 W	46	3.9	NEAR COAST OF CHIAPAS, MEXICO.
14	13 16 19.1	0.9 N	30.0 E	33	4.8	REPUBLIC OF THE CONGO.
14	13 55 12.2	39.0 N	70.5 E	4	4.6	AFGHANISTAN-USSR BORDER REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
	H M S	DEG	DEG	KM		
14	14 13 43.097					37° 14' 34" N., 116° 25' 51" W. NEVADA TEST SITE. "CURYEA". SHOT ELEVATION 1440.2 METERS (AEC).
14	15 07 30*	37.0 N	107.0 W	5		NEW MEXICO.
14	16 33 29.4	4.8 N	96.2 E	36	4.8	NORTHERN SUMATRA.
14	18 00 55.4	34.1 N	117.4 W	8		SOUTHERN CALIFORNIA. MAG. 2.3 (PAS).
14	18 51 43.0	34.5 N	23.8 E	14	4.9	CRETE.
14	19 16 00.8	3.8 S	151.4 E	33	4.8	NEW IRELAND REGION.
14	21 06 14.4	38.9 N	70.6 E	12	5.1	AFGHANISTAN-USSR BORDER REGION. FELT AT DUSHANBE.
14	22 11 18*	15.5 N	96.4 W	33	4.0	NEAR COAST OF OAXACA, MEXICO.
14	22 50 37*	31.6 N	141.6 E	33	4.2	SOUTH OF HONSHU, JAPAN.
15	00 24 57.6	18.7 N	120.7 E	66	4.3	LUZON, PHILIPPINE ISLANDS.
15	02 48 03.2	5.3 N	126.6 E	60		MINDANAO, PHILIPPINE ISLANDS.
15	03 08 15.2	0.8 N	30.1 E	26	5.2	UGANDA.
15	03 39 14.4	0.1 S	124.1 E	161	4.6	MOLUCCA SEA.
15	04 58 06.8	51.1 N	174.8 E	40	4.6	NEAR ISLANDS, ALEUTIAN ISLANDS.
15	06 01 27*	31.7 N	142.1 E	40	4.4	SOUTH OF HONSHU, JAPAN.
15	06 34 31.1	21.7 S	174.4 W	51	4.3	TONGA ISLANDS.
15	06 43 00.1	5.0 N	82.5 W	37	4.8	SOUTH OF PANAMA.
15	10 14 59*	2.9 S	80.4 W	37	4.0	NEAR COAST OF ECUADOR.
15	17 19 18.4	37.0 N	121.4 W	10		CENTRAL CALIFORNIA. MAG. 2.5 (BRK).
15	17 59 33.8	36.7 N	141.0 E	40	4.9	NEAR EAST COAST OF HONSHU, JAPAN.
15	20 31 01.0	31.9 N	68.9 E	40		WEST PAKISTAN.
16	00 02 50*	5.8 N	82.6 W	46	4.0	SOUTH OF PANAMA.
16	01 27 13.5	56.9 N	153.6 W	23	5.7	KODIAK ISLAND REGION. MAG. 6 1/4 (PAS), 5.6 (BRK), 6 (PAL).
16	02 11 00*	21.1 S	66.9 W	166	4.1	SOUTHERN BOLIVIA.
16	02 24 33.6	0.1 S	123.0 E	207	5.2	NORTHERN CELEBES.
16	04 40 45*	57.0 N	153.8 W	33	4.4	KODIAK ISLAND REGION.
16	07 12 36.7	18.3 N	62.0 W	28	4.6	LEEWARD ISLANDS.
16	10 13 25.6	35.0 N	141.7 E	39	5.1	NEAR EAST COAST OF HONSHU, JAPAN.
16	11 31 59.2	19.0 N	70.5 W	27	4.9	DOMINICAN REPUBLIC REGION.
16	13 10 11*	37.7 N	113.8 W	33		UTAH.
16	13 10 14*	56.9 N	153.7 W	33	3.8	KODIAK ISLAND REGION.
16	13 21 40.0	12.3 N	88.4 W	33	4.4	OFF COAST OF CENTRAL AMERICA.
16	14 43 18.0	0.8 N	29.9 E	11	5.3	REPUBLIC OF THE CONGO. FELT AT FORT PORTAL, UGANDA.
16	15 23 28.5	21.2 S	178.5 W	500	5.3	FIJI ISLANDS REGION.
16	15 50 55*	38.9 N	70.6 E	1		AFGHANISTAN-USSR BORDER REGION.
16	19 12 54.3	20.5 S	69.4 W	101	4.2	NORTHERN CHILE.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
16	22 49 38.9	56.7 N	136.2 W	5	4.1	OFF COAST OF SOUTHEASTERN ALASKA.
17	00 35 09.0	18.0 S	178.4 W	599	3.9	FIJI ISLANDS REGION.
17	00 38 37*	20.7 S	68.1 W	62	4.3	CHILE-BOLIVIA BORDER REGION.
17	01 21 39.6	36.6 N	138.3 E	33	4.1	HONSHU, JAPAN. ONE INJURED AND PROPERTY DAMAGE AT MATSUSHIRO.
17	02 14 58.5	17.9 S	178.3 W	555	3.5	FIJI ISLANDS REGION.
17	02 33 31*	15.8 S	176.8 W	430	3.9	FIJI ISLANDS REGION.
17	05 28 09.8	33.6 N	141.1 E	74	4.4	OFF EAST COAST OF HONSHU, JAPAN.
17	05 59 46.2	20.7 N	122.0 E	194	4.6	PHILIPPINE ISLANDS REGION.
17	06 38 05.6	15.2 S	173.1 W	30	4.8	TONGA ISLANDS.
17	06 46 59*	36.7 N	138.0 E	33	4.3	HONSHU, JAPAN. PROPERTY DAMAGE AT MATSUSHIRO.
17	07 04 19.5	37.4 N	118.6 W	23	4.0	CALIFORNIA-NEVADA BORDER REGION. MAG. 4.0 (PAS), 4-4.2 (BRK). FELT AT MAMMOTH LAKES.
17	07 20 21*	37.5 N	118.5 W	33		CALIFORNIA-NEVADA BORDER REGION. MAG. 2.3 (PAS).
17	09 58 57.5	40.9 N	113.3 W	33		UTAH.
17	13 09 52.7	26.0 S	178.4 E	650	4.7	SOUTH OF FIJI ISLANDS.
17	14 01 56.7	43.9 N	87.9 E	33	4.8	NORTHERN SINKIANG PROV., CHINA.
17	16 46 50.6	54.2 N	133.5 W	33	4.6	QUEEN CHARLOTTE ISLANDS REGION.
17	18 49 57*	63.8 N	151.4 W	47	4.1	CENTRAL ALASKA.
17	19 01 02*	23.8 S	65.8 W	132	4.1	JUJUY PROVINCE, ARGENTINA.
18	00 57 39.5	19.6 N	107.9 W	33	3.8	OFF COAST OF JALISCO, MEXICO.
18	06 49 30.0	36.5 N	118.3 W	16	4.0	CENTRAL CALIFORNIA. MAG. 3.5 (PAS), 3.3-4.0 (BRK).
18	08 14 16.6	12.9 N	48.4 E	33	5.3	EASTERN GULF OF ADEN.
18	09 08 12.7	10.6 S	161.6 E	32	4.7	SOLOMON ISLANDS.
18	09 21 19.3	34.0 N	116.6 W	15		SOUTHERN CALIFORNIA. MAG. 3.5 (PAS), 4.3 (BRK). FELT IN PALM SPRINGS AREA.
18	09 59 22*	38.9 N	21.5 E	33	4.4	GREECE.
18	10 34 06*	20.1 S	178.3 W	559	4.4	FIJI ISLANDS REGION.
18	11 55 46.3	13.9 N	144.5 E	119	4.5	MARIANA ISLANDS. FELT ON GUAM.
18	15 07 34*	51.2 N	179.7 W	33	4.3	ANDREANOF ISLANDS, ALEUTIAN IS.
18	19 29 41*	34.5 N	69.8 E	55	4.2	AFGHANISTAN.
18	22 35 18.8	36.6 N	138.1 E	33	4.2	HONSHU, JAPAN.
19	01 03 46*	16.2 S	167.1 E	57		NEW HEBRIDES ISLANDS.
19	01 13 38.7	43.0 N	45.7 E	33	4.7	EASTERN CAUCASUS.
19	07 18 34.1	28.0 S	178.1 W	215	4.1	KERMADEC ISLANDS.
19	08 21 09*	51.3 N	176.8 W	33	4.2	ANDREANOF ISLANDS, ALEUTIAN IS.
19	09 48 08*	19.7 S	175.9 W	149		TONGA ISLANDS.
19	09 51 29.7	24.0 S	68.5 W	89	3.7	NORTHERN CHILE.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
19	10 59 57*	51.3 N	177.1 W	33	4.2	ANDREANOF ISLANDS, ALEUTIAN IS.
19	17 57 34.2	6.1 N	126.8 E	87	4.7	MINDANAO, PHILIPPINE ISLANDS.
19	19 28 27.5	7.9 S	130.0 E	12	4.9	TANIMBAR ISLANDS REGION.
19	20 26 44.9	53.1 N	159.3 E	88	5.0	NEAR EAST COAST OF KAMCHATKA.
19	22 18 20*	20.3 S	179.5 W	591	4.4	FIJI ISLANDS REGION.
19	22 51 00.9	31.7 S	179.5 W	169	4.5	KERMADEC ISLANDS.
20	02 32 51.8	18.8 N	146.9 E	23	5.0	MARIANA ISLANDS.
20	02 40 47.8	18.9 N	147.0 E	33	4.8	MARIANA ISLANDS REGION.
20	02 46 22.2	18.8 N	147.0 E	22	4.7	MARIANA ISLANDS REGION.
20	02 50 00.3	19.0 N	147.0 E	33	4.5	MARIANA ISLANDS REGION.
20	02 55 28.0	18.9 N	147.0 E	26	4.7	MARIANA ISLANDS.
20	03 58 33*	18.9 N	147.1 E	33	4.3	MARIANA ISLANDS REGION.
20	05 09 54*	21.1 S	175.1 W	40	4.1	TONGA ISLANDS.
20	05 33 52.7	19.0 N	146.8 E	34	4.8	MARIANA ISLANDS REGION.
20	06 00 37.2	18.9 N	146.8 E	16	5.1	MARIANA ISLANDS.
20	06 13 59*	18.9 N	147.2 E	33	4.3	MARIANA ISLANDS REGION.
20	06 42 59*	18.8 N	146.9 E	41	5.0	MARIANA ISLANDS.
20	06 45 45*	18.9 N	146.9 E	34	4.7	MARIANA ISLANDS.
20	07 57 10*	50.9 N	179.5 E	33	4.3	RAT ISLANDS, ALEUTIAN ISLANDS.
20	13 01 36*	19.0 N	146.9 E	49	4.2	MARIANA ISLANDS.
20	13 28 11*	37.0 N	115.2 E	33	4.6	NORTHEASTERN CHINA.
20	13 30 59*	57.4 N	151.8 W	48	4.1	KODIAK ISLAND REGION.
20	14 01 29.5	18.8 N	146.8 E	56	5.0	MARIANA ISLANDS.
20	14 31 25.7	37.2 N	114.9 E	33	4.9	NORTHEASTERN CHINA.
20	16 24 41*	65.2 N	164.4 W	33	4.1	ALASKA.
20	16 26 20.8	18.8 N	147.0 E	50	5.3	MARIANA ISLANDS. MAG. 5.2-5.4 (BRK).
20	16 42 06.0	41.7 N	48.2 E	36	5.4	EASTERN CAUCASUS.
20	20 27 59.1	18.9 N	146.9 E	42	4.5	MARIANA ISLANDS.
20	21 41 22.6	36.8 N	21.7 E	60	4.4	SOUTHERN GREECE.
21	03 57 57.9	49.8 N	78.1 E	0	5.4	EASTERN KAZAKH SSR.
21	06 09 39.8	14.0 N	90.8 W	66	4.0	GUATEMALA. FELT AT SAN SALVADOR, EL SALVADOR.
21	06 45 29.1	34.7 N	25.7 E	62	4.9	CRETE.
21	08 07 25*	45.6 N	150.0 E	33	4.4	KURILE ISLANDS.
21	08 18 24.6	6.9 N	73.1 W	154	4.7	NORTHERN COLOMBIA.
21	08 47 47.2	18.8 S	169.4 E	246	4.4	NEW HEBRIDES ISLANDS.
21	09 16 57.9	21.7 N	142.8 E	326	4.5	MARIANA ISLANDS REGION.
21	09 31 19.5	5.6 N	95.4 E	99	4.6	NORTHERN SUMATRA.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
21	09 43 35*	40.3 N	125.0 W	33	4.2	OFF COAST OF NORTHERN CALIFORNIA. MAG. 3.2-3.5 (BRK).
21	12 41 00.7	19.0 N	64.7 W	57	4.2	VIRGIN ISLANDS.
21	15 43 18*	13.5 N	142.1 E	52	4.9	SOUTH OF MARIANA ISLANDS.
21	15 45 23.0	35.7 N	142.0 E	29	5.2	NEAR EAST COAST OF HONSHU, JAPAN. FELT.
21	16 05 54*	20.8 S	174.1 W	33	4.5	TONGA ISLANDS.
21	16 12 45.0	20.4 S	178.0 W	511	4.5	FIJI ISLANDS REGION.
21	16 37 47.6	24.2 N	122.3 E	54	4.5	TAIWAN REGION.
21	17 36 47.9	35.6 N	142.0 E	25	5.0	OFF EAST COAST OF HONSHU, JAPAN. FELT.
21	18 09 57*	6.7 N	73.5 W	180	3.7	NORTHERN COLOMBIA.
21	22 45 17.9	4.5 S	152.0 E	118	4.7	NEW BRITAIN REGION. FELT AT RABAUL.
22	02 58 03.6	47.9 N	47.7 E	33	4.7	SOUTHWESTERN RUSSIA.
22	03 06 32.3	37.8 S	73.4 W	16	5.5	NEAR COAST OF CENTRAL CHILE. MAG. 5.2-5.6 (BRK). FELT AT CONCEPCION.
22	07 23 51.8	56.8 N	152.0 W	40	4.2	KODIAK ISLAND REGION.
22	08 07 14.3	23.0 S	176.3 W	94	4.4	SOUTH OF FIJI ISLANDS.
22	08 23 34*	52.6 N	168.9 W	33	4.4	FOX ISLANDS, ALEUTIAN ISLANDS.
22	08 24 37.4	23.0 S	69.7 W	71	4.2	NORTHERN CHILE.
22	10 06 00.2	36.6 N	71.0 E	225	4.6	HINDU KUSH REGION.
22	10 15 49.6	56.6 N	152.2 W	38	4.8	KODIAK ISLAND REGION.
22	11 58 19*	18.8 N	146.9 E	35	4.3	MARIANA ISLANDS.
22	12 17 36.3	60.6 S	25.4 W	33	5.6	SOUTH SANDWICH ISLANDS REGION.
22	13 00 58.8	19.0 N	146.8 E	18	4.6	MARIANA ISLANDS.
22	16 55 11.2	18.0 S	178.4 W	584	4.1	FIJI ISLANDS REGION.
22	23 27 20.5	57.4 N	152.3 W	26	5.9	KODIAK ISLAND REGION. MAG. 5.6 (BRK). FELT AT KODIAK.
23	00 09 34.1	0.9 S	122.4 E	40		NORTHERN CELEBES. MAG. 6 3/4 (PAS), 6 3/4-7 (PAL).
23	01 03 24.0	73.5 N	8.3 E	33	4.6	GREENLAND SEA.
23	01 46 07*	24.3 S	67.1 W	170	4.2	CHILE-ARGENTINA BORDER REGION.
23	03 28 24.6	23.8 S	175.7 W	53	5.0	TONGA ISLANDS REGION.
23	03 49 06.5	0.6 S	122.0 E	33	5.3	NORTHERN CELEBES.
23	04 17 24*	26.0 N	90.4 E	25	4.7	EASTERN INDIA.
23	04 19 20*	21.6 S	68.9 W	170	4.1	CHILE-BOLIVIA BORDER REGION.
23	05 33 22.1	5.9 N	126.3 E	57	4.9	MINDANAO, PHILIPPINE ISLANDS.
23	05 45 53.3	23.4 S	179.8 W	508	4.6	SOUTH OF FIJI ISLANDS.
23	05 57 12.0	4.4 S	144.1 E	100	4.8	NEAR NORTH COAST OF NEW GUINEA.
23	06 49 39.0	41.6 S	174.3 E	18	5.8	COOK STRAIT, NEW ZEALAND. MINOR DAMAGE AT WELLINGTON, SEDDON, AND BLENHEIM.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
23	08 56 46.1	0.5 S	122.2 E	82	5.9	NORTHERN CELEBES. MAG. 6 (PAS), 6-6 1/4 (PAL).
23	09 16 35*	5.9 N	126.3 E	62	4.9	MINDANAO, PHILIPPINE ISLANDS.
23	09 51 11.3	10.8 N	125.5 E	33	5.1	LEYTE, PHILIPPINE ISLANDS.
23	11 06 46.6	0.8 S	121.6 E	30	4.8	NORTHERN CELEBES.
23	11 08 07.5	39.0 N	21.2 E	21	4.4	GREECE.
23	13 23 12*	66.0 N	37.1 W	33	4.0	EASTERN GREENLAND.
23	14 19 47.1	0.3 S	122.3 E	107	5.0	NORTHERN CELEBES.
23	18 05 09.6	52.7 N	168.0 W	19	4.6	FOX ISLANDS, ALEUTIAN ISLANDS.
23	18 20 55*	23.7 S	175.8 W	97	4.6	TONGA ISLANDS REGION.
23	20 20 54.5	39.2 N	111.4 W	33	4.4	UTAH.
24	00 47 02.6	39.7 N	120.4 W	33		NORTHERN CALIFORNIA. MAG. 3.6 (BRK).
24	02 59 38.6	39.2 N	111.4 W	33	3.6	UTAH.
24	03 28 50.5	12.8 S	169.5 E	660	4.5	SANTA CRUZ ISLANDS REGION.
24	06 03 50.8	12.9 N	89.2 W	47	4.3	OFF COAST OF CENTRAL AMERICA. FELT AT SAN SALVADOR, EL SALVADOR.
24	07 02 24.1	21.1 S	179.2 W	641	4.6	FIJI ISLANDS REGION.
24	15 13 32*	52.6 N	169.1 W	34	4.7	FOX ISLANDS, ALEUTIAN ISLANDS.
24	15 41 03*	13.7 N	88.3 W	33	3.9	EL SALVADOR.
24	20 42 56.7	1.5 N	126.5 E	107	4.7	MOLUCCA PASSAGE.
24	21 29 43*	66.8 N	135.8 W	33	4.2	NORTHERN YUKON TERRITORY, CANADA.
24	23 04 04.8	17.8 N	60.6 W	41	4.3	LEEWARD ISLANDS.
25	02 10 15.2	22.0 S	68.5 W	115	4.5	CHILE-BOLIVIA BORDER REGION.
25	03 38 16.1	41.6 N	72.0 E	33		KIRGIZ SSR.
25	04 32 29*	42.3 S	75.6 W	33	4.9	OFF COAST OF SOUTHERN CHILE.
25	04 57 52.3	5.8 S	148.9 E	125		NEW BRITAIN REGION.
25	05 52 48*	8.5 N	103.7 W	33	3.9	OFF COAST OF MEXICO.
25	07 32 25.8	38.9 N	70.4 E	9		AFGHANISTAN-USSR BORDER REGION.
25	07 48 11*	52.7 N	168.6 W	33	4.1	FOX ISLANDS, ALEUTIAN ISLANDS.
25	07 58 48*	6.3 N	60.3 E	33	3.9	CARLSBERG RIDGE.
25	08 34 06.3	19.0 S	175.1 W	223	4.2	TONGA ISLANDS.
25	09 22 05*	6.9 S	11.7 W	33	4.5	ASCENSION ISLAND REGION.
25	10 41 58.6	21.0 S	178.7 W	560	5.2	FIJI ISLANDS REGION.
25	12 02 00.2	0.9 N	122.3 E	111	5.0	NORTHERN CELEBES.
25	18 11 56.6	30.1 N	70.0 E	33	4.7	WEST PAKISTAN.
25	18 38 00.143					36° 53' 15" N., 115° 56' 27" W. NEVADA TEST SITE. "PIN STRIPE". SHOT ELEVATION 797.4 METERS (AEC).
25	21 20 40*	50.4 N	29.3 W	29	4.3	NORTH ATLANTIC RIDGE.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
25	23 22 49.3	41.3 N	69.2 E	5	5.0	KIRGIZ SSR. 10 KILLED, 100 INJURED, AND MAJOR PROPERTY DAMAGE AT TASHKENT.
26	02 39 39*	53.1 N	164.6 W	33	4.0	UNIMAK ISLAND REGION.
26	05 41 49*	38.0 N	38.5 E	5		TURKEY.
26	10 45 33.6	24.7 N	96.4 E	33	4.8	BURMA.
26	14 00 03.6	22.9 S	70.9 W	22	4.1	NEAR COAST OF NORTHERN CHILE.
26	14 55 20.2	14.6 S	167.6 E	91		NEW HEBRIDES ISLANDS.
26	19 34 02.9	20.0 S	178.3 W	590	4.7	FIJI ISLANDS REGION.
26	21 07 32.0	22.8 S	70.3 W	54		NEAR COAST OF NORTHERN CHILE.
26	23 07 50*	20.8 S	178.6 W	594	4.2	FIJI ISLANDS REGION.
27	00 32 28.6	46.9 N	152.8 E	86	4.8	KURILE ISLANDS.
27	03 59 56*	7.2 S	128.7 E	138		BANDA SEA.
27	06 55 46*	52.9 N	152.4 E	549	3.7	NORTHWEST OF KURILE ISLANDS.
27	10 58 33*	0.2 N	98.9 E	63	4.8	NORTHERN SUMATRA.
27	13 53 51.7	17.6 S	70.9 W	42	4.4	NEAR COAST OF PERU. FELT AT AREQUIPA.
27	15 09 11*	19.8 S	69.3 W	125	3.9	NORTHERN CHILE.
27	19 03 13.2	5.9 N	126.2 E	49	4.6	MINDANAO, PHILIPPINE ISLANDS.
27	19 48 52.4	38.2 N	42.5 E	40	5.0	TURKEY.
27	21 33 17.8	25.1 S	179.8 E	499	4.7	SOUTH OF FIJI ISLANDS.
27	22 47 14*	29.6 S	178.1 W	33	4.4	KERMADEC ISLANDS REGION.
28	00 17 50.8	21.8 S	179.2 W	596	4.7	FIJI ISLANDS REGION.
28	00 51 59.9	8.8 S	157.7 E	78	4.8	SOLOMON ISLANDS.
28	01 15 36.0	49.0 S	164.2 E	14	5.6	AUCKLAND ISLANDS REGION.
28	06 41 17*	53.8 N	165.9 W	33	4.1	FOX ISLANDS, ALEUTIAN ISLANDS.
28	09 01 41*	5.9 S	104.4 E	33		SOUTHERN SUMATRA.
28	10 26 46*	39.6 N	110.3 W	0	3.7	UTAH. POSSIBLE ROCKBURST.
28	10 39 12.0	15.8 N	95.1 W	27	5.0	NEAR COAST OF OAXACA, MEXICO.
28	11 07 28.9	37.0 N	107.1 W	33		COLORADO.
28	11 47 31.5	39.0 N	21.2 E	28	4.4	GREECE. FELT AT PHLORIAS.
28	13 55 16*	14.1 S	167.7 E	180		NEW HEBRIDES ISLANDS.
28	16 56 21.3	19.4 S	173.4 W	36	5.1	TONGA ISLANDS.
28	17 13 34.5	19.2 S	173.6 W	56	5.1	TONGA ISLANDS.
28	18 08 55.2	4.2 N	62.8 E	12	5.0	CARLSBERG RIDGE.
28	20 48 23*	31.2 N	115.3 W	33	4.3	BAJA CALIFORNIA. MAG. 4 (PAS).
28	21 29 47*	18.9 S	169.5 E	240	4.3	NEW HEBRIDES ISLANDS.
28	22 30 06.4	43.8 N	127.8 W	33	4.8	OFF COAST OF OREGON.
29	00 07 51.5	43.8 N	127.8 W	33	4.6	OFF COAST OF OREGON.
29	01 46 42.2	53.9 N	157.6 W	28	5.1	SOUTH OF ALASKA.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
APR	H M S	DEG	DEG	KM		
29	02 25 03.4	37.0 N	140.1 E	82	4.9	NEAR EAST COAST OF HONSHU, JAPAN.
29	02 55 37*	23.8 N	123.1 E	36	4.5	SOUTHWESTERN RYUKYU ISLANDS.
29	03 32 20.7	35.3 S	70.7 W	97	4.6	CHILE-ARGENTINA BORDER REGION.
29	06 45 22.3	6.7 N	73.2 W	171	4.1	NORTHERN COLOMBIA.
29	08 09 27.6	36.6 N	121.3 W	7	4.0	CENTRAL CALIFORNIA. MAG. 3.8 (BRK). FELT IN SAN BENITO AND MONTEREY COUNTIES. HYPOCENTER BY BERKELEY.
29	10 01 44.7	37.4 N	118.9 W	2	3.8	CALIFORNIA-NEVADA BORDER REGION. MAG. 3.5 (PAS), 3.1 (BRK).
29	10 58 22*	40.3 N	124.8 W	33		NEAR COAST OF NORTHERN CALIF. MAG. 3.2 (BRK).
29	17 13 23.2	15.7 N	93.8 W	57	3.6	NEAR COAST OF CHIAPAS, MEXICO.
29	23 03 41.6	52.1 N	160.5 E	53	4.5	OFF EAST COAST OF KAMCHATKA.
30	01 27 54*	6.9 N	72.9 W	154	3.5	NORTHERN COLOMBIA.
30	04 53 41*	16.2 S	167.0 E	37		NEW HEBRIDES ISLANDS.
30	06 24 53.2	15.9 S	167.0 E	43	4.4	NEW HEBRIDES ISLANDS.
30	06 27 38*	48.0 N	113.8 W	33	3.9	MONTANA. FELT IN FLATHEAD LAKE AREA.
30	07 58 22*	23.0 S	69.0 W	94	4.3	NORTHERN CHILE.
30	08 09 31.3	44.8 S	81.2 W	33	5.4	WEST CHILE RISE.
30	10 21 16.4	36.5 N	71.4 E	106		AFGHANISTAN-USSR BORDER REGION.
30	12 07 20.4	41.7 N	48.3 E	42	4.6	EASTERN CAUCASUS.
30	13 01 16.8	18.7 N	106.9 W	43	5.1	OFF COAST OF JALISCO, MEXICO. MAG. 5 1/2 (PAS), 5.2-5.6 (BRK), 5 1/4-5 1/2 (PAL).
30	13 41 11.8	41.1 N	72.1 E	33	5.0	KIRGIZ SSR.
30	14 01 36*	28.6 N	138.4 E	484	4.3	BONIN ISLANDS REGION.
30	18 29 14*	39.6 N	110.4 W	0	3.4	UTAH. POSSIBLE ROCKBURST.
30	19 23 10*	22.3 S	179.6 W	527	3.8	SOUTH OF FIJI ISLANDS.
30	20 38 47*	0.7 N	29.8 E	33	4.9	REPUBLIC OF THE CONGO.

Date and Station	Phase	Phase (GCT) h m s
APR 1		
TUC	E(P)	00 07 05.5
	E	07 19.2
BMO	E(P)	00 07 44.6
	E	08 15.2
APR 1		
EUR	IP	00 31 26.8
APR 1		
SJG	EP	00 40 53.8
	IS	41 19.0
APR 1		
HHM	EP	00 47 03.6
	E	47 25.6
APR 1		
H-00 57 27.4		
59.8N 145.7W		
h ABOUT 33KM		
COL	EP	00 58 44.0
NEW	EP	01 02 01.0
HHM	EP	01 02 18.1
BMO	E(P)	01 02 27.2
	E	03 05.1
APR 1		
H-01 11 40.2		
74.3N 009.3E		
h ABOUT 33KM		
BMO	E(P)	01 21 13.9
APR 1		
EUR	IP	01 36 46.8
BMO	EP	01 36 59.4
ALQ	EP	01 37 07.5
COL	EP	01 37 14.7
APR 1		
H-01 37 28.1		
18.6N 069.3W		
h ABOUT 140KM		
SJG	IP C	01 38 16.3
	IS	38 52.5
EUR	EP	01 45 33.4
HHM	EP	01 45 44.1
BMO	E(P)	01 45 51.8
NEW	EP	01 45 58.0
COL	EP	01 48 16.0
APR 1		
COL	EP	02 22 22.0
APR 1		
H-02 39 09.0		
46.3N 129.8W		
h ABOUT 33KM		
NEW	EP	02 41 17.0
BMO	E(P)	02 41 18.1
EUR	EP	02 42 04.0
TUC	E(P)	02 43 42.4
APR 1		
H-02 51 07.2		
51.8N 176.4E		
h ABOUT 60KM		
COL	IP	02 56 02.9
BRW	IP D	02 56 07.9
NEW	IP	02 58 49.0
	EPCP	03 00 48.0
BMO	EP	02 59 03.4
	E	59 25.1
HHM	IP	02 59 04.1
	IPCP	03 00 53.1
BOZ	EP	02 59 26.0
EUR	IP C	02 59 35.5
	IPP	59 49.8
TUC	EP	03 00 34.9
	I	00 54.7
ALQ	E(P)	03 00 42.4
APR 1		
H-02 57 39.5		
53.6S 002.7W		
h ABOUT 33KM		
BMO	EP'	03 17 00.4
	E	17 08.4
HHM	EP'	03 17 01.6
	E	17 03.9
APR 1		
COL	EP	03 18 12.5
APR 1		
H-03 33 28.8		
53.5S 003.1W		
h ABOUT 33KM		
BHP	E(P)	03 46 16.0
	ES	57 18.0
ALQ	EP'	03 52 26.0
TUC	EP'	03 52 27.0
HHM	EP'	03 52 30.6
RCD	EP'	03 52 34.0
BMO	EP'	03 52 49.8
	E	53 38.0
EUR	IP'	03 52 50.8
	EPP	55 13.8
APR 1		
COL	E(P)	03 38 32.5
APR 1		
H-03 38 38.1		
64.5N 152.9W		
h ABOUT 33KM		
COL	IP	03 39 12.8
	I	39 17.5
	IL	39 43.5
BRW	EP	03 40 18.5
	I	40 21.9
	I	40 51.0
	E(S)	41 31.0
NEW	EP	03 44 01.0
HHM	IP	03 44 13.1
	E	44 31.6
BMO	EP	03 44 25.9
	E	44 39.4
BOZ	EP	03 44 42.0
EUR	IP C	03 45 12.0
SLD	EP	03 45 14.6
ALQ	EP	03 46 15.0
TUC	E(P)	03 46 16.9
APR 1		
COL	EP	03 54 00.0
APR 1		
BMO	E(P)	04 05 00.7
APR 1		
H-05 21 08.0		
05.8S 149.2E		
h ABOUT 95KM		
COL	EP C	05 33 27.4
	IPP	33 52.5
BMO	E(P)	05 34 28.7
EUR	EP	05 34 33.5
	EPP	34 58.0
APR 1		
COL	E(P)	05 24 05.0
APR 1		
HHM	EP	05 51 13.1
BMO	E(P)	05 51 14.1
	E	51 43.4
APR 1		
COL	EP	06 00 55.0
APR 1		
COL	EP	06 15 54.0
APR 1		
COL	EP	06 32 49.0
APR 1		
COL	EP	07 29 16.5
HHM	E(P)	07 31 48.6
BMO	E(P)	07 31 50.8
APR 1		
H-07 56 09.2		
51.4N 174.7E		
h ABOUT 33KM		
COL	EP	08 01 17.3
BMO	E(P)	08 04 23.4
EUR	IP	08 04 48.1
APR 1		
H-07 59 40.6		
0 .6N 029.5E		
h ABOUT 17KM		
BMO	EP'	08 18 42.4
APR 1		
EUR	IP	08 00 20.5
APR 1		
BUT	EP	08 10 42.5
APR 1		
HHM	EP	08 25 49.2
	E	26 09.6
BCN	EP	08 25 53.5
BMO	EP	08 25 54.7
	E	26 10.3
EUR	IP	08 26 02.9
BOZ	E(P)	08 26 03.5
APR 1		
COL	EP	09 53 40.0
BMO	E(P)	09 56 36.8
HHM	E(P)	09 56 37.1
EUR	E(P)	09 57 05.2
APR 1		
BMO	E(P)	10 11 08.8
APR 1		
EUR	IP	11 05 13.0
APR 1		
TUC	E(P)	11 58 04.6
APR 1		
COL	E(P)	12 34 46.5
APR 1		
H-13 15 04.3		
38.7N 021.5E		
h ABOUT 34KM		
HHM	IP	13 27 36.1
NEW	EP	13 27 42.0
BOZ	EP	13 27 43.5
BMO	EP	13 27 56.1

Date and Station	Phase (GCT)
	h m s
APR 1	
EUR EP	13 20 32.9
APR 1	
COL EP	14 35 09.0
APR 1	
H-15 19 51.7	
5.1N 082.5W	
h ABOUT 38KM	
BHP IP	15 21 04.5
SJG IP	15 24 31.1
TUC EP	15 27 07.4
BCN EP	15 27 48.7
EUR IP	15 28 11.3
BMO EP	15 28 43.4
HHM IP	15 28 50.9
NEW EP	15 29 00.0
COL EP	15 31 31.0
APR 1	
COL EP	15 23 59.0
APR 1	
GCA IP	15 27 55.0
APR 1	
COL IP	15 33 27.7
APR 1	
TUC E(P)	15 39 35.7
APR 1	
BOZ EP	15 43 27.0
APR 1	
H-15 51 26.0	
29.0S 178.8W	
h ABOUT 283KM	
TUC EP	16 03 50.0
EUR E(P)	16 03 53.3
BMO EP	16 04 05.0
APR 1	
GCA IP	16 03 39.0
APR 1	
GUA EP	17 25 40.0
ES	25 49.2
APR 1	
HHM E(P)	17 30 30.5
BMO EP	17 31 18.0
APR 1	
BMO EP	17 37 50.8
APR 1	
HHM E(P)	18 22 18.7

Date and Station	Phase (GCT)
	h m s
BMO E(P)	18 22 40.6
E(S)	23 25.6
APR 1	
H-18 40 00.0	
37.1N 116.0W	
h ABOUT 0KM	
BCN IP C	18 40 27.5
IL	40 50.2
EUR IP	18 40 40.0
GCA EP	18 40 58.0
I	41 05.6
IL	41 53.5
SLD E(P)	18 41 11.7
I	41 16.4
IL	42 11.0
TUC E(P)	18 41 37.0
ALQ IP	18 42 02.6
I	42 31.5
IL	44 21.0
APR 1	
H-19 17 57.5	
21.7S 179.2W	
h ABOUT 575KM	
BCN EP	19 29 28.0
E	29 37.2
TUC E(P)	19 29 33.0
E	29 42.7
EUR E(P)	19 29 41.5
E	29 58.8
BMO EP	19 29 42.6
E	29 52.9
ALQ EP	19 29 52.5
E	30 03.0
COL E(P)	19 30 03.6
APR 1	
BMO E(P)	19 25 07.0
APR 1	
COL IP	20 06 04.2
HHM E(P)	20 08 27.3
BMO EP	20 08 38.4
APR 1	
KIP IP	21 26 18.1
APR 1	
BMO E(P)	22 33 43.3
APR 1	
HHM E(P)	22 42 14.8
BMO EP	22 42 58.4
ES	42 18.3
APR 1	
KIP E	23 31 18.4

Date and Station	Phase (GCT)
	h m s
APR 1	
BMO EP	23 38 04.0
HHM EP	23 38 13.8
APR 1	
EUR EP	23 47 00.8
EL	47 34.5
BMO E(P)	23 47 50.5
APR 1	
BMO E(P)	23 52 18.6
APR 2	
H-00 38 05.7	
17.0N 095.3W	
h ABOUT 33KM	
ALQ E(P)	00 42 44.0
APR 2	
ALQ IP	01 23 19.6
IS	23 39.0
APR 2	
KIP IP	01 26 34.7
I	28 05.8
APR 2	
H-01 52 39.2	
16.4N 097.4W	
h ABOUT 53KM	
BHP E(P)	01 57 05.0
TUC IP D	01 57 09.5
EL	02 00 54.0
ALQ IP	01 57 11.6
IL	02 01 02.0
GCA EP D	01 57 52.3
I	58 05.0
EL	02 05 27.0
BCN IP D	01 58 00.3
I	58 09.9
EL	02 05 46.0
FGU EP D	01 58 14.4
EL	02 06 54.0
CHK EP	01 58 17.0
E	02 00 06.2
SLC IP	01 58 21.6
E	59 00.8
RCD EP	01 58 28.0
E	02 00 25.0
E(S)	03 12.0
EUR IP D	01 58 29.0
I	58 48.5
E	02 01 02.6
E(S)	03 10.0
EL	07 21.0
WSC IP	01 58 32.4
E	58 41.0
SLD EP	01 58 40.5
E	59 46.0

Date and Station	Phase (GCT)
	h m s
SJG IP'	01 58 43.0
I	58 52.5
I	58 58.0
BOZ IP D	01 58 58.1
I	58 07.5
E(S)	02 04 02.0
E	08 30.0
BMO EP	01 59 10.8
I	02 00 33.8
IPCP	01 54.2
HHM IP	01 59 25.5
I	59 34.0
E	59 40.0
NEW EP	01 59 32.0
E	02 01 02.0
COL IP	02 02 36.1
BRW EP	02 03 15.1
I	03 24.2
I(sP)	03 33.0
EPP	05 41.5
APR 2	
COL IP	02 00 58.8
APR 2	
H-08 34 27.9	
05.5N 082.5W	
h ABOUT 35KM	
BHP IP	08 35 34.5
SJG EP	08 39 04.5
ALQ IP	08 41 34.2
TUC EP	08 41 40.5
BCN EP	08 42 22.5
FGU EP	08 42 23.5
EUR EP	08 42 44.6
BOZ EP	08 43 00.0
BMO E(P)	08 43 16.2
HHM IP	08 43 24.0
APR 2	
BRW EP	09 05 24.1
SJG EP	09 18 00.3
APR 2	
H-11 01 37.8	
03.6S 151.1E	
h ABOUT 23KM	
COL EP	11 13 56.0
EUR IP	11 15 01.1
BCN E(P)	11 15 09.0
APR 2	
SJG EP	11 19 41.0

Date and Station	Phase	(GCT)
		h m s
APR 2		
H-12 31 30.3		
21.0S 179.3W		
h ABOUT 641KM		
EUR	EP	12 42 57.5
BMO	EP	12 43 08.4
APR 2		
H-12 48 38.8		
38.4N 118.2W		
h ABOUT 9KM		
EUR	IP	12 49 12.8
SLD	EP	12 49 23.4
	I	49 28.5
	IL	50 04.7
BCN	IP C	12 49 35.9
	I	49 43.5
	IL	50 25.5
UKI	E(P)	12 49 48.5
GCA	I(P)	12 50 08.0
	I	50 20.0
	IL	51 30.7
BMO	EPN	12 50 16.2
FGU	EP	12 50 28.5
TUC	EPN	12 50 45.3
	E	51 20.4
	EL	53 13.0
BOZ	E(P)	12 50 48.0
	EL	53 06.0
NEW	IP	12 51 04.7
	EL	53 52.0
ALQ	E(P)	12 51 05.5
HHM	EP	12 51 12.0
	EL	54 09.0
APR 2		
COL	EP	13 37 43.0
APR 2		
COL	EP	13 47 19.3
APR 2		
COL	IP	14 37 35.2
APR 2		
H-15 02 13.7		
35.2N 138.6E		
h ABOUT 182KM		
BRW	EP	15 10 42.2
COL	E(P)	15 11 08.5
BMO	E(P)	15 13 37.4
EUR	EP	15 13 57.2
APR 2		
SLD	I(P)	15 41 18.5
	IL	41 47.0
EUR	EP	15 41 31.5
	IL	42 09.3
APR 2		
COL	EP	17 10 45.0
APR 2		
NEW	EP	17 24 32.0
HHM	EP	17 24 32.5
BMO	E(P)	17 24 45.7
APR 2		
H-18 15 29.6		
16.7N 098.4W		
h ABOUT 38KM		
TUC	E(P)	18 19 53.5
ALQ	E(P)	18 19 56.0
BMO	E(P)	18 21 56.8
APR 2		
H-18 16 55.0		
06.9N 073.1W		
h ABOUT 148KM		
BHP	IP	18 18 30.5
SJG	IP	18 19 56.0
	IS	22 09.8
EUR	E(P)	18 25 38.5
BRW	E(P)	18 28 57.4
APR 2		
HHM	IP	18 21 49.5
	EL	22 25.5
APR 2		
KIP	E	19 07 56.6
	I	08 28.1
APR 2		
BOZ	EP	19 16 08.5
	IL	16 27.5
HHM	IP	19 16 17.8
	EL	16 44.5
BMO	E(P)	19 16 44.5
APR 2		
SJG	EP	19 31 06.8
	ES	31 27.6
APR 2		
BCN	IP C	19 54 57.8
	IS	55 09.0
EUR	IP	19 55 36.5
	EL	56 16.9
APR 2		
H-21 08 23.2		
22.3S 176.1W		
h ABOUT 160KM		
EUR	E(P)	21 20 32.8
BMO	E(P)	21 20 44.7
ALQ	EP	21 20 52.8
	E	21 21.0
COL	IP	21 21 03.3
BOZ	EP	21 21 03.5
	E	21 19.5
APR 2		
ALQ	EP	21 12 47.7
	E	13 49.4
APR 2		
COL	EP	22 02 02.0
APR 2		
ALQ	E(P)	22 02 20.0
EUR	EP	22 02 26.7
APR 2		
ALQ	IP	22 32 17.0
APR 2		
H-22 39 10.8		
16.0S 173.4W		
h ABOUT 33KM		
BMO	E(P)	22 51 13.4
COL	IP	22 51 33.6
BOZ	EP	22 51 34.0
APR 2		
H-22 43 21.8		
38.6N 142.0E		
h ABOUT 43KM		
BRW	EP C	22 51 33.4
	I▸P	51 46.1
	EPCP	53 14.6
COL	EP	22 51 54.5
NEW	IP	22 54 22.1
	E	54 33.0
HHM	IP	22 54 33.0
	I▸P	54 45.5
BMO	EP	22 54 34.1
	E▸P	54 46.3
BOZ	EP	22 54 50.5
EUR	EP	22 54 57.2
	I▸P	55 09.8
BCN	E(P)	22 55 15.0
	E▸P	55 27.5
RCD	EP	22 55 22.0
	E▸P	55 34.0
ALQ	EP	22 55 45.8
	I▸P	55 58.0
APR 2		
H-23 15 50.9		
17.7N 098.5W		
h ABOUT 63KM		
COL	EP	23 25 35.0
APR 3		
KIP	IP	01 26 58.8
APR 3		
H-01 52 09.0		
20.1S 172.4W		
h ABOUT 8KM		
COL	IP	02 04 53.4
APR 3		
COL	E(P)	02 32 38.4
APR 3		
H-02 32 45.9		
20.7S 179.2W		
h ABOUT 625KM		
BMO	E(P)	02 44 23.8
COL	EP	02 44 34.0
APR 3		
ALQ	IP	03 39 46.8
APR 3		
COL	EP	04 05 48.2
BMO	E(P)	04 09 45.9
APR 3		
H-04 43 38.4		
36.6N 141.0E		
h ABOUT 45KM		
GUA	IP	04 48 45.0
	ES	52 54.0
BRW	IP C	04 52 06.5
	I▸P	52 18.3
	E	53 11.2
COL	IP	04 52 27.0
NEW	IP	04 54 51.0
	I▸P	55 05.0
HHM	IP C	04 55 01.2
	I▸P	55 15.5
BMO	EP	04 55 02.3
	E▸P	55 15.7
SLD	EP	04 55 14.0
	I▸P	55 27.1
BOZ	IP C	04 55 19.0
	I▸P	55 32.0
	I	55 40.5
EUR	IP C	04 55 25.0
	I▸P	55 38.5
	EPP	58 30.2
SLC	IP D	04 55 35.4
	▸P	55 48.4
FGU	EP C	04 55 41.3
	I	55 58.2
BCN	IP C	04 55 41.4
	I▸P	55 53.5

Date and Station	Phase (GCT)
	h m s
GCA EP	04 55 48.3
E>P	56 02.4
RCD EP	04 55 49.0
E>P	56 03.0
E	56 14.0
TUC EP	04 56 06.5
E>P	56 20.2
ALQ IP	04 56 12.0
I>P	56 26.0
APR 3	
EUR EP	04 49 37.8
APR 3	
H-05 11 35.8	
36.4N 003.1E	
h ABOUT 14KM	
COL EP	05 23 29.3
BOZ EP	05 23 44.5
BMO E(P)	05 24 01.3
EUR IP	05 24 21.5
APR 3	
BHP EP	05 15 56.0
APR 3	
COL EP	06 22 25.0
BMO E(P)	06 25 23.7
APR 3	
COL EP	06 30 19.0
APR 3	
BCN E(P)	06 43 40.0
APR 3	
COL IP	07 16 14.6
APR 3	
H-07 38 41.1	
8.3S 156.4E	
h ABOUT 63KM	
COL EP	07 51 03.0
EUR IP	07 51 53.2
APR 3	
BRW E(P)	07 48 18.5
COL EP	07 48 56.0
APR 3	
GUA EP	07 51 11.0
ES	51 32.0
APR 3	
BMO EP	07 51 30.0
E	51 32.7
APR 3	
BCN IP D	08 24 01.2
IS	24 02.2
APR 3	
COL EP	08 38 50.1

Date and Station	Phase (GCT)
	h m s
APR 3	
BMO E(P)	08 48 05.2
ALQ E(P)	08 48 16.0
COL IP	08 48 19.8
APR 3	
BMO E(P)	08 59 58.7
COL EP	09 00 15.0
BRW EP	09 03 32.9
E	03 45.3
APR 3	
H-09 17 26.2	
10.2S 079.6W	
h ABOUT 17KM	
SJG EP	09 23 46.0
EUR IP	09 27 33.8
BOZ EP	09 27 51.8
BMO E(P)	09 28 03.3
NEW EP	09 28 21.0
COL EP	09 30 26.0
APR 3	
HHM EP	10 39 05.0
APR 3	
H-11 36 23.1	
39.0N 021.4E	
h ABOUT 14KM	
BRW EP	11 47 37.4
COL EP	11 48 12.0
HHM E(P)	11 49 01.3
NEW EP	11 49 03.0
BOZ E(P)	11 49 04.5
BMO EP	11 49 17.1
EPP	53 16.8
APR 3	
BMO EP	12 15 40.8
APR 3	
COL EP	12 24 43.0
APR 3	
COL EP	12 50 03.0
APR 3	
BMO EP	13 02 04.6
HHM EP	13 02 10.0
EL	03 06.0
APR 3	
COL EP	13 28 31.0

Date and Station	Phase (GCT)
	h m s
APR 3	
H-14 22 38.6	
38.4S 072.9W	
h ABOUT 33KM	
ALQ E(P)	14 34 42.5
E	34 49.0
EUR EP	14 35 22.0
I	35 30.3
BMO E(P)	14 35 53.5
APR 3	
COL E(P)	14 33 33.2
APR 3	
BMO EP	14 59 28.5
APR 3	
H-15 55 20.4	
16.3S 177.0W	
h ABOUT 33KM	
EUR IP	16 07 25.0
TUC E(P)	16 07 26.5
BMO EP	16 07 36.0
COL IP	16 07 48.1
I	08 25.8
ALQ EP	16 07 48.6
FGU EP	16 07 51.0
BOZ EP	16 07 56.0
APR 3	
BMO EP	16 08 13.3
APR 3	
H-16 21 34.0	
39.4N 106.4W	
h ABOUT 0KM	
FGU IP C	16 22 21.5
I	22 23.5
IL	22 58.6
ALQ IP	16 22 43.6
I	22 55.5
GCA IP C	16 22 47.6
I	23 00.0
I(S)	23 44.7
EL	23 57.0
RCD E(P)	16 22 56.8
E	23 13.0
EUR IP	16 23 26.0
BCN EP C	16 23 26.7
E	24 09.4
SLD E(P)	16 24 11.0
IL	24 49.0
APR 3	
H-16 42 25.5	
10.4S 165.7E	
h ABOUT 155KM	

Date and Station	Phase (GCT)
	h m s
COL EP	16 54 32.2
APR 3	
ALQ EP	17 20 55.6
APR 3	
BMO E(P)	18 01 54.2
APR 3	
H-18 14 24.4	
14.7N 092.7W	
h ABOUT 33KM	
FGU EP	18 20 31.8
APR 3	
H-18 26 57.6	
17.2S 178.9W	
h ABOUT 591KM	
EUR EP	18 38 14.5
TUC EP	18 38 17.2
BMO EP	18 38 24.5
COL EP	18 38 34.0
APR 3	
SLD EP	18 33 47.5
IL	34 10.5
EUR E(P)	18 34 20.7
E	35 04.0
APR 3	
BOZ E(P)	18 49 14.5
APR 3	
BMO E(P)	19 18 53.3
APR 3	
H-19 28 34.0	
18.7N 103.1W	
h ABOUT 96KM	
TUC E(P)	19 32 08.8
E	32 25.0
ALQ EP	19 32 22.0
EUR EP	19 33 37.7
BOZ EP	19 34 14.0
BMO EP	19 34 22.3
E	34 53.0
HHM EP	19 34 43.0
COL EP	19 37 55.0
BRW E(P)	19 38 39.1
APR 3	
BMO EP	19 37 32.3
NEW EP	19 37 47.0
APR 3	
H-19 44 38.0	
30.7N 113.7W	
h ABOUT 33KM	

Date and Station	Phase (GCT)
	h m s
TUC EP	19 45 21.5
EL	46 18.0
BCN EP	19 45 56.1
I	46 36.2
EL	47 24.5
GCA EP	19 46 14.2
I	46 46.0
EL	48 06.0
ALQ IP	19 46 26.0
I	48 55.0
EUR IP	19 46 46.4
IL	49 38.6
FGU E(P)	19 47 15.5
EL	50 25.5
BMO EP	19 48 03.7
BOZ EP	19 48 12.0
RCU E(P)	19 48 26.0
HHM E(P)	19 48 32.7
NEW EP	19 48 44.0
COL IP	19 52 12.0
APR 3	
TUC E(P)	19 55 56.3
E	57 55.0
APR 3	
H-19 56 57.4	
30.6N 113.6W	
h ABOUT 33KM	
TUC E(P)	19 57 55.5
BCN E(P)	19 58 20.4
E	58 57.0
EL	59 45.0
GCA E(P)	19 58 32.3
I	59 06.5
EL	20 00 29.0
ALQ IP	19 58 46.5
I	20 01 12.0
EUR EP	19 59 07.1
EL	20 02 06.2
BMO EP	20 00 23.8
NEW EP	20 01 05.0
COL EP	20 04 32.0
APR 3	
H-20 10 38.0	
30.9N 113.6W	
h ABOUT 33KM	
TUC EP	20 11 20.0
BCN E(P)	20 11 52.0
EL	13 46.0
GCA E(P)	20 12 08.4
I	12 44.0
EL	14 07.0
ALQ E(P)	20 12 24.0
EUR EP	20 12 44.8
EL	15 37.5
BMO EP	20 14 02.1
BOZ E(P)	20 14 11.0
APR 3	
SLD IP C	21 18 06.4
IS	18 11.3
APR 3	
BMO EP	21 41 42.6
HHM EP	21 41 43.0
APR 3	
COL IP	22 15 08.9
APR 3	
SJG IP	22 23 12.0
IS	23 43.3
APR 3	
H-23 02 38.9	
71.8N 002.6W	
h ABOUT 33KM	
COL EP	23 10 25.0
BMO EP	23 12 06.3
APR 4	
BMO E(P)	00 16 55.0
APR 4	
BMO E(P)	00 20 01.4
APR 4	
ALQ E(P)	01 14 14.0
E	14 39.0
APR 4	
COL E(P)	01 31 28.1
APR 4	
H-01 49 03.3	
55.8N 164.1E	
h ABOUT 33KM	
COL IP	01 54 25.0
BMO E(P)	01 57 41.0
EUR IP	01 58 21.1
ALQ E(P)	01 59 19.5
E	59 31.5
APR 4	
H-02 17 16.6	
11.8N 092.5E	
h ABOUT 25KM	
BRW EP	02 29 53.6
E	30 20.0
COL IP	02 30 21.4
BMO E(PP)	02 37 10.9
FGU EP'	02 36 23.1
ALQ EP'	02 36 28.0
ALQ ESKP	02 39 49.0
APR 4	
H-02 51 37.6	
11.9N 092.5E	
h ABOUT 25KM	
BRW EP C	03 04 14.4
E	04 40.7
COL IP	03 04 42.5
BMO E(PP)	03 11 22.1
BOZ E(PP)	03 11 35.0
EUR IP'	03 10 33.8
FGU EP'	03 10 35.1
ALQ EP'	03 10 48.5
ESKP	14 09.8
APR 4	
TUC EP	02 54 54.5
APR 4	
COL EP	03 07 42.0
APR 4	
TUC EP	03 14 12.0
APR 4	
TUC EP	03 31 22.4
APR 4	
BMO E(P)	05 03 31.1
COL EP	05 03 41.0
APR 4	
EUR IP	05 29 19.2
APR 4	
H-05 37 50.5	
54.5S 146.1E	
h ABOUT 33KM	
EUR IP'	05 56 50.8
COL EP'	05 56 53.0
ALQ EP'	05 56 54.0
BMO EP'	05 56 54.4
HHM E(P')	05 56 44.7
FGU EP'	05 56 57.8
E	57 21.9
ESKP	06 00 19.4
BRW EP'	05 57 02.1
ESKP	06 00 33.0
WSC E(P')	05 57 11.0
APR 4	
BOZ EP	06 00 27.5
HHM E(P)	06 00 32.7
APR 4	
H-06 17 44.6	
05.5S 151.7E	
h ABOUT 43KM	
GUA EP	06 22 18.0
COL IP	06 30 04.6
BMO EP	06 31 01.8
NEW IP	06 31 02.9
EUR IP	06 31 05.8
BCN EP	06 31 10.5
BOZ EP	06 31 20.5
FGU EP	06 31 27.9
HHM E(P)	06 31 40.7
APR 4	
H-06 42 12.2	
11.8N 092.5E	
h ABOUT 22KM	
BRW EP	06 54 49.0
COL EP	06 55 16.0
HHM EP'	07 01 00.5
BMO EP'	07 01 01.3
EPP	02 02.8
NEW EP'	07 01 02.0
BOZ EP'	07 01 02.0
EPP	02 20.0
SLD EP'	07 01 08.0
FGU EP'	07 01 09.2
EUR EP'	07 01 09.8
EPP	02 49.0
ALQ IP'	07 01 24.0
ISKP	04 45.0
BCN EP'	07 01 29.1
EPP	03 04.7
APR 4	
BMO E(P)	07 11 32.2
APR 4	
EUR EP	07 25 53.9
APR 4	
SLD EP	07 29 30.5
IL	29 59.4
EUR EP	07 29 44.2
IL	30 23.0

Date and Station	Phase (GCT)
	h m s
APR 4	
H-09 23 19.6	
50.6N 143.5E	
h ABOUT 33KM	
BRW EP	09 29 59.3
E	30 12.1
COL EP	09 30 28.0
NEW EP	09 33 22.0
HHM EP	09 33 31.9
BMO EP	09 33 38.3
BOZ EP	09 33 53.0
EUR IP	09 34 09.2
FGU EP	09 34 22.8
TUC EP	09 35 00.6
ALQ E(P)	09 35 01.5
APR 4	
H-10 30 27.5	
5.3S 151.7E	
h ABOUT 57KM	
GUA E(P)	10 35 10.0
COL EP	10 42 46.0
BMO EP	10 43 43.3
NEW EP	10 43 44.0
EUR IP	10 43 46.5
BOZ EP	10 44 02.0
APR 4	
BOZ E(P)	10 46 03.0
APR 4	
H-11 24 51.9	
41.0N 116.1W	
h ABOUT 33KM	
EUR IP C	11 25 18.0
IS	25 41.1
BMO EPM	11 25 51.5
E(S)	26 40.2
BOZ E(P)	11 26 19.0
EL	27 32.0
BOZ E(P)	11 26 19.0
HHM E(P)	11 26 35.2
APR 4	
COL EP	11 33 16.1
E	34 47.9
APR 4	
BRW EP	12 24 22.8
E	24 30.9
APR 4	
BMO E(P)	12 46 33.9

Date and Station	Phase (GCT)
	h m s
APR 4	
COL EP	12 52 22.0
APR 4	
COL EP	13 01 28.0
APR 4	
COL EP	13 37 40.0
BRW E(P)	13 37 52.2
APR 4	
COL EP	14 27 46.0
APR 4	
GCA EP	16 34 43.1
APR 4	
COL EP	16 49 11.0
APR 4	
BRW EP D	17 54 23.0
COL EP	17 54 25.7
E	54 36.0
EUR EP	17 58 14.2
APR 4	
ALQ EP	18 19 36.5
APR 4	
SLD EP	18 35 55.0
APR 4	
EUR IP	18 44 24.0
APR 4	
EUR E(P)	18 50 12.0
APR 4	
BOZ E(P)	18 57 19.5
NEW IP	18 57 35.5
BMO EP	18 57 46.4
APR 4	
BMO EP	19 34 07.8
APR 4	
BCN EP	19 42 04.5
EL	42 16.5
APR 4	
H-19 50 07.1	
13.8N 089.7W	
h ABOUT 102KM	
SJG EP	19 55 04.6
EPP	55 23.0
IPCP	58 52.2
ISCP	20 02 23.9
ISCS	06 09.5
ALQ IP	19 55 32.0
IPCP	58 59.0
TUC EP	19 55 39.0
EPCP	59 01.2
GCA EP	19 56 11.2
IPCP	59 10.0
ESCP	20 02 48.0

Date and Station	Phase (GCT)
	h m s
BCN IP C	19 56 23.5
IPCP	59 14.0
ISCP	20 02 52.8
FGU EP	19 56 26.7
RCD EP	19 56 29.0
EUR IP C	19 56 47.8
I	57 09.9
IPCP	59 21.0
ESCP	20 03 01.0
SLD IP C	19 57 04.0
IPCP	59 27.4
ISCP	20 03 08.0
BOZ IP	19 57 07.0
BMO EP	19 57 23.2
E	58 32.8
HHM IP	19 57 33.2
IPCP	59 36.7
NEW IP	19 57 42.8
IPCP	59 40.0
COL IP C	20 00 31.8
EPP	00 59.0
EPCP	01 07.0
APR 4	
COL EP	20 00 06.0
APR 4	
COL EP	20 35 20.0
APR 4	
H-20 44 56.3	
38.0N 031.2W	
h ABOUT 33KM	
BOZ EP	20 54 48.0
HHM EP	20 54 50.2
NEW IP	20 55 04.3
BMO EP	20 55 15.1
EUR IP	20 55 26.8
APR 4	
H-20 48 39.0	
38.2N 031.3W	
h ABOUT 33KM	
BOZ IP	20 58 29.9
HHM IP	20 58 31.7
ALQ EP	20 58 37.0
NEW IP	20 58 45.6
BMO EP	20 58 56.2
GCA EP	20 58 56.2
TUC E(P)	20 59 06.5
EUR IP	20 59 07.8

Date and Station	Phase (GCT)
	h m s
COL EP	20 59 23.0
SLD EP	20 59 39.0
APR 4	
KIP IP	21 28 47.8
APR 4	
COL I(P)	21 43 30.0
APR 4	
HHM EP	22 59 39.7
BMO E(P)	23 00 05.9
APR 4	
H-23 32 21.0	
10.8S 164.3E	
h ABOUT 27KM	
COL EP	23 44 46.0
SLD EP	23 44 53.0
EUR IP C	23 45 14.6
I	45 19.8
I	45 48.3
IPP	48 43.2
BCN EP	23 45 15.5
BMO EP	23 45 17.4
NEW EP	23 45 22.0
HHM IP	23 45 31.2
FGU EP	23 45 39.0
APR 4	
HON E	23 54 52.0
APR 4	
EUR E(P)	23 50 15.0
E	46 19.0
APR 5	
EUR IP	00 09 58.8
APR 5	
ALQ EP	00 23 53.5
APR 5	
BMO E(P)	00 38 01.4
APR 5	
KIP IP	01 34 59.5
APR 5	
UKI E(P)	01 58 35.0
BMO E(P)	02 00 08.6
APR 5	
COL EP	02 11 06.0
APR 5	
BMO E(P)	02 21 48.5
COL IP	02 22 10.4
APR 5	
KIP EP	02 46 58.7

Date and Station	Phase (GCT)
	h m s
APR 5	
BMO E(P)	03 20 17.7
APR 5	
HHM EP	03 49 34.7
BMO EP	03 49 37.9
APR 5	
COL E(P)	03 57 14.0
APR 5	
H-04 57 41.4	
43.9N 147.7E	
h ABOUT 76KM	
BRW EP C	05 04 54.5
I	04 58.6
IPCP	07 25.6
COL IP	05 05 16.3
HHM IP	05 08 05.6
BMO EP	05 08 07.3
BOZ IP	05 08 25.0
EUR IP	05 08 33.8
BCN EP	05 08 52.7
ALQ EP	05 09 26.0
APR 5	
H-05 18 45.1	
36.9N 071.0E	
h ABOUT 114KM	
BRW EP	05 29 26.5
COL IP	05 30 09.9
APR 5	
H-05 50 02.6	
15.8S 167.1E	
h ABOUT 46KM	
COL EP	06 02 44.0
EUR EP	06 02 58.0
APR 5	
H-06 08 10.0	
16.4S 028.8E	
h ABOUT 33KM	
BRW EP'	06 27 09.2
COL EP'	06 27 20.0
ALQ EP'	06 27 20.0
BOZ EP'	06 27 26.0
HHM EP'	06 27 30.2
BMO EP'	06 27 30.6
TUC EP'	06 27 32.5
EUR IP'	06 27 35.0
SLD IP'	06 27 52.0

Date and Station	Phase (GCT)
	h m s
APR 5	
H-06 08 15.1	
18.7N 108.2W	
h ABOUT 33KM	
ALQ IP	06 12 06.0
BCN E(P)	06 12 28.0
GCA E(P)	06 12 30.7
EUR IP	06 13 06.2
HHM EP	06 13 22.7
BMO E(P)	06 13 57.0
APR 5	
ALQ EP	06 27 05.0
APR 5	
COL EP	06 29 39.0
APR 5	
BMO E(P)	06 30 41.1
APR 5	
COL E(P)	07 11 15.0
APR 5	
HHM E(P)	07 39 40.2
BMO E(P)	07 39 55.5
APR 5	
H-08 07 24.3	
39.0N 021.7E	
h ABOUT 13KM	
HHM E(P)	08 20 01.1
NEW EP	08 20 04.0
BMO E(P)	08 20 18.4
APR 5	
H-08 51 17.9	
36.9N 138.1E	
h ABOUT 17KM	
BRW IP C	08 59 54.6
E	09 00 11.3
COL IP	09 00 18.0
NEW IP	09 02 42.6
HHM IP	09 02 52.0
BMO EP	09 02 54.2
SLD EP	09 03 06.5
BOZ EP	09 03 10.0
EUR IP C	09 03 17.2
E	04 00.0
EPP	06 09.1
FGU EP	09 03 33.1
BCN EP	09 03 33.3
E	04 01.8

Date and Station	Phase (GCT)
	h m s
RCD EP	09 03 39.5
TUC EP	09 03 58.0
ALQ IP	09 04 03.0
APR 5	
BMO E(P)	09 56 08.0
APR 5	
COL EP	10 20 27.0
BMO EP	10 23 02.9
APR 5	
COL E(P)	10 44 10.5
APR 5	
BMO E(P)	10 55 24.4
EUR E(P)	10 55 34.5
I	55 44.0
SLD EP	10 55 46.3
BCN EP	10 55 52.1
APR 5	
BMO EP	11 44 30.5
APR 5	
H-11 57 41.1	
55.1S 158.4E	
h ABOUT 33KM	
EUR EP'	12 16 19.2
BMO EP'	12 16 33.4
NEW EP'	12 16 38.0
COL IP'	12 16 40.0
HHM EP'	12 16 40.9
BOZ EP'	12 16 41.0
E	16 48.2
BRW EP'	12 16 48.0
APR 5	
BMO E(P)	12 30 06.5
APR 5	
SJG IP	12 55 56.0
IS	56 05.5
APR 5	
BMO E(P)	13 46 34.5
APR 5	
H-14 10 53.7	
61.7N 148.0W	
h ABOUT 112KM	
COL IP	14 11 44.0
I	11 55.5
IL	12 38.7
BRW EP	14 13 19.1
BMO E(P)	14 16 04.5
EUR EP	14 16 49.5

Date and Station	Phase (GCT)
	h m s
APR 5	
H-14 32 26.3	
61.8N 126.8W	
h ABOUT 33KM	
COL EP	14 34 50.5
I	35 28.7
IL	37 32.1
NEW EP	14 35 49.0
EL	39 52.0
HHM E(P)	14 35 54.2
E	36 05.7
EL	39 49.2
BRW EP	14 36 02.5
E	36 39.1
IL	39 34.0
BMO EP	14 36 31.6
BOZ EP	14 36 38.0
ES	40 05.0
EUR IP	14 37 32.9
E	38 13.7
ALQ EP	14 38 32.5
APR 5	
COL EP	15 08 04.0
APR 5	
H-15 17 49.8	
54.9N 161.5W	
h ABOUT 9KM	
COL EP	15 20 45.0
BRW EP	15 21 49.0
APR 5	
EUR E(P)	16 27 48.5
E	29 23.4
APR 5	
H-16 29 41.8	
37.8N 115.3E	
h ABOUT 33KM	
BRW IP	16 39 04.9
COL IP	16 39 41.5
BMO EP	16 42 15.9
BOZ E(P)	16 42 24.6
EUR IP	16 42 40.0
FGU E(P)	16 42 48.4
APR 5	
SLD IP	16 33 28.0
IL	33 55.6
EUR EP	16 33 43.5
APR 5	
ALQ IP	16 44 02.8
IS	44 37.5

Date and Station	Phase (GCT) h m s
APR 5	
BMO E(P)	16 45 04.7
EUR EP	16 45 14.7
APR 5	
BMO EP	17 00 05.2
ES	00 22.7
APR 5	
COL EP	17 36 09.0
APR 5	
BMO E(P)	18 11 53.3
APR 5	
H-18 34 53.4	
34.8S 109.7W	
h ABOUT 33KM	
TUC EP	18 45 42.5
EUR IP	18 46 28.8
BMO EP	18 46 58.8
BOZ E(P)	18 47 01.5
HHM E(P)	18 47 15.6
NEW IP	18 47 16.5
APR 5	
HHM EP	18 57 41.7
E	58 16.7
BMO E(P)	18 58 03.7
APR 5	
H-18 59 55.1	
6.0S 147.6E	
h ABOUT 69KM	
COL IP	19 12 22.8
BRW EP	19 12 25.7
NEW EP	19 13 24.0
BMO EP	19 13 24.3
HHM IP	19 13 34.2
SJG EP'	19 19 25.5
APR 5	
COL EP	19 20 45.0
APR 5	
ALQ EP	19 29 51.0
APR 5	
ALQ IP	20 01 14.6
IS	01 45.5
APR 5	
SJG EP	20 13 35.2
EL	14 09.2
APR 5	
SLD IP D	20 45 16.0
IS	45 30.2

Date and Station	Phase (GCT) h m s
APR 5	
EUR IP	20 46 33.5
APR 5	
KIP IP C	21 29 19.4
I	29 23.1
APR 5	
HHM EP	21 37 14.2
E	37 48.7
BMO EP	21 37 36.1
APR 5	
HHM EP	22 35 29.2
BMO EP	22 35 51.2
APR 5	
EUR IP	23 12 30.0
APR 5	
COL EP	23 31 01.0
APR 5	
BMO E(P)	23 39 54.2
APR 6	
KIP IP	01 27 59.6
I	28 03.0
I	30 27.0
APR 6	
EUR IP	01 39 25.8
APR 6	
H-01 51 53.2	
34.9N 073.1E	
h ABOUT 58KM	
BRW EP	02 02 50.2
COL IP	02 03 32.8
BMO E(P)	02 05 43.7
APR 6	
BMO EP	01 58 06.1
APR 6	
FGU EP	01 59 22.7
IS	59 42.5
IL	59 47.5
EUR EP	02 00 16.0
APR 6	
BOZ E(P)	02 09 25.0
BMO E(P)	02 09 35.1
EUR E(P)	02 09 35.5
APR 6	
H-02 59 02.4	
45.8S 096.2E	
h ABOUT 33KM	
COL EP'	03 18 26.0
SIT EP'	03 18 43.9
SJG EP'	03 18 44.5
E	21 50.0

Date and Station	Phase (GCT) h m s
TUC EP'	03 18 53.2
SLD EP'	03 18 54.5
BCN EP'	03 18 55.2
EUR EP'	03 18 55.5
I	19 09.5
I	19 22.7
NEW EP'	03 18 56.0
GCA EP'	03 18 58.0
FGU EP'	03 19 00.2
E	19 42.0
HHM EP'	03 19 00.8
EPP	23 17.0
SLC EP'	03 19 00.8
E	19 33.6
BOZ EP'	03 19 02.0
ALQ IP'	03 19 39.5
APR 6	
H-03 12 19.4	
38.1N 115.3E	
h ABOUT 33KM	
COL EP	03 22 18.0
BMO EP	03 24 53.0
EUR IP	03 25 17.0
FGU EP	03 25 24.5
ALQ E(P)	03 25 52.0
APR 6	
HON IP	03 28 43.0
IS	35 12.2
APR 6	
SJG IP	03 38 17.2
IS	38 33.0
APR 6	
H-03 51 26.6	
16.6S 069.7W	
h ABOUT 200KM	
BMO EP	04 02 47.9
APR 6	
BMO E(P)	03 58 40.5
APR 6	
H-05 03 04.6	
22.4S 171.4E	
h ABOUT 81KM	
EUR IP	05 16 03.0
BMO E(P)	05 16 10.4
APR 6	
EUR E(P)	05 30 15.3

Date and Station	Phase (GCT) h m s
APR 6	
H-05 47 08.2	
59.5S 026.3W	
h ABOUT 33KM	
BMO EP'	06 06 08.9
HHM EP'	06 06 10.8
COL EP'	06 07 00.0
APR 6	
BMO E(P)	05 49 23.7
APR 6	
COL EP	06 13 12.0
BMO E(P)	06 15 56.4
APR 6	
COL IP	07 09 44.1
BMO EP	07 11 12.1
EUR IP	07 13 21.8
APR 6	
COL E(P)	08 16 48.5
BMO E(P)	08 19 24.5
APR 6	
FGU IP	08 28 43.3
I	28 45.6
I	29 04.5
EL	29 09.4
GCA IP	08 29 02.3
I	29 41.8
APR 6	
ALQ E(P)	08 31 07.8
APR 6	
COL IP	08 36 16.8
APR 6	
NEW EP	10 24 57.0
APR 6	
BMO E(P)	10 34 50.3
APR 6	
COL IP	11 31 16.8
APR 6	
H-12 24 51.9	
03.8S 081.7W	
h ABOUT 33KM	
SJG EP	12 30 30.0
ALQ IP	12 33 07.0
FGU EP	12 33 54.0
BOZ E(P)	12 34 31.0
BMO E(P)	12 34 42.6
HHM EP	12 34 50.0
APR 6	
COL EP	12 50 12.0

Date and Station	Phase	(GCT) h m s
APR 6		
GCA	EP	12 58 16.1
	IL	59 11.4
APR 6		
H-13 02 51.4		
16.7N 099.9W		
h ABOUT 87KM		
TUC	EP	13 07 00.2
ALQ	IP	13 07 07.0
GCA	EP	13 07 47.7
BCN	EP	13 07 53.4
	E	08 00.0
FGU	EP	13 08 12.9
EUR	IP	13 08 24.1
BMO	EP	13 09 07.1
COL	IP	13 12 35.7
APR 6		
BMO	E(P)	13 49 00.7
HHM	E(P)	13 49 08.3
EUR	E(P)	13 50 07.0
APR 6		
H-13 57 17.1		
37.1N 116.1W		
h ABOUT 0KM		
BCN	IP C	13 57 46.2
	IL	58 05.8
EUR	IP	13 57 57.1
SLD	IP C	13 58 26.4
	IL	59 28.0
SLC	IP	13 58 35.2
	IL	58 55.0
TUC	EP	13 58 55.6
	EL	14 00 44.5
FGU	EP	13 58 57.0
	IL	14 00 42.0
BMO	EP	13 59 14.4
	ES	14 00 43.2
ALQ	IP	13 59 18.0
	I	59 47.0
	IS	14 00 47.5
BOZ	EP	13 59 33.0
	I	59 36.5
NEW	EP	14 00 03.0
	EL	03 04.0
HHM	EP	14 00 03.8
	EL	03 11.6
COL	IP	14 04 00.2

Date and Station	Phase	(GCT) h m s
APR 6		
H-14 04 24.1		
22.4S 068.0W		
h ABOUT 177KM		
SJG	EP	14 11 46.8
FGU	EP	14 15 40.7
EUR	EP	14 15 54.0
BMO	EP	14 16 18.5
	E▸P	17 06.0
HHM	EP	14 16 22.3
APR 6		
COL	EP	14 06 39.0
APR 6		
BCN	EP	14 55 55.0
	E	56 25.5
EUR	E(P)	14 56 05.5
	I	56 33.9
GCA	E(P)	14 56 35.3
	EL	57 23.0
APR 6		
WSC	E(P)	15 19 30.0
	E	19 45.0
APR 6		
COL	EP	15 50 22.9
	I	50 34.1
	I(S)	51 16.1
APR 6		
GCA	EP	15 57 19.0
	IL	58 02.3
APR 6		
COL	EP	16 24 49.0
APR 6		
H-17 02 39.6		
04.1S 152.0E		
h ABOUT 199KM		
EUR	E(P)	17 14 40.1
APR 6		
ALQ	IP	17 13 22.5
	IS	13 57.5
GCA	E(P)	17 13 23.3
	I	13 28.0
	IL	14 02.5
APR 6		
ALQ	EP	17 43 16.5
APR 6		
H-17 56 32.1		
37.2N 115.4W		
h ABOUT 33KM		
BCN	IP C	17 56 54.5
	IL	57 14.0
EUR	IP	17 57 06.7

Date and Station	Phase	(GCT) h m s
TUC	E(P)	17 57 56.0
	I	58 23.8
BMO	E(P)	17 58 25.7
	E	58 58.2
ALQ	I(P)	17 58 30.5
	I	58 53.0
	ES	59 52.0
	IL	18 00 25.0
BOZ	E(P)	17 58 40.5
	E	59 08.5
APR 6		
H-18 06 35.6		
38.6S 074.6W		
h ABOUT 21KM		
TUC	E(P)	18 18 34.8
	E	18 44.2
ALQ	IP	18 18 36.5
APR 6		
H-18 07 03.3		
51.4N 153.4E		
h ABOUT 210KM		
COL	EIP	18 13 16.7
BMO	EP	18 16 24.6
	E	17 17.2
BOZ	EP	18 16 41.5
EUR	EP	18 16 54.6
	E▸P	18 04.6
	IPP	19 17.8
APR 6		
HHM	EP	18 42 13.3
NEW	EP	18 42 32.0
BMO	EP	18 42 40.7
	E	43 39.4
EUR	E(P)	18 42 52.3
APR 6		
BCN	IP	18 59 19.4
	IS	59 30.7
APR 6		
BCN	IP	19 10 44.7
	IS	10 56.5
APR 6		
RCD	IP	19 16 06.2
	EL	16 10.0
APR 6		
H-19 45 48.3		
22.3S 171.5E		
h ABOUT 121KM		
EUR	IP	19 58 37.0
APR 6		
H-19 45 59.0		
30.6N 130.9E		
h ABOUT 66KM		

Date and Station	Phase	(GCT) h m s
COL	EP	19 55 55.0
NEW	IP	19 58 06.4
HHM	IP	19 58 15.3
	I	58 25.8
SLD	E(P)	19 58 28.5
TUC	E(P)	19 59 12.2
APR 6		
ALQ	IP	19 47 13.0
APR 6		
H-19 52 29.1		
21.5S 170.2E		
h ABOUT 61KM		
SJG	EP'	20 11 27.0
APR 6		
COL	EP	19 59 11.5
APR 6		
EUR	EP	20 05 56.1
APR 6		
BMO	EP	20 12 08.7
APR 6		
BMO	EP	20 15 59.2
APR 6		
BCN	EP	20 35 25.2
APR 6		
KIP	EP	21 15 34.2
APR 6		
KIP	EP	21 30 34.5
APR 6		
H-21 53 08.4		
9.0N 126.4E		
h ABOUT 50KM		
BRW	IP C	22 04 59.8
	I▸P	05 13.9
COL	EP	22 05 14.6
	I▸P	05 29.2
NEW	EP	22 06 53.0
BMO	EP	22 06 58.4
HHM	E(P)	22 07 03.7
SJG	EP'	22 12 57.2
APR 6		
COL	EP	22 26 10.0
APR 6		
ALQ	I	22 30 45.5
	I	31 31.2
APR 6		
H-22 28 38.2		
56.5N 154.5W		
h ABOUT 33KM		

Date and Station	Phase (GCT)
	h m s
COL IP D	22 30 46.5
I	31 16.5
BRW IP	22 32 05.7
I	32 12.8
E(S)	35 19.7
EL	36 53.9
MEW IP	22 33 51.9
HHM E(P)	22 34 06.8
EPCP	37 38.0
BMO EP	22 34 09.4
BOZ E(P)	22 34 33.0
I	34 44.0
EUR IP	22 34 48.9
RCD E(P)	22 35 25.0
TUC E(P)	22 36 00.2
APR 6	
H-22 56 06.6	
9.4S 107.9E	
h ABOUT 44KM	
BMO EP'	23 15 09.2
HHM EP'	23 15 11.3
ALQ EP'	23 15 16.0
BOZ EP'	23 15 16.5
EUR EP'	23 15 18.5
ESKP	18 39.2
APR 6	
EUR IP	23 30 16.9
APR 7	
H-00 14 56.0	
1.8S 134.2E	
h ABOUT 36KM	
COL EP	00 27 35.0
BMO E(P)	00 29 08.5
APR 7	
H-00 58 30.0	
72.3N 151.2W	
h ABOUT 33KM	
BRW IP	00 59 02.0
IS	59 26.5
COL I(P)	01 00 13.1
E	00 19.5
HHM IP	01 04 30.3
BMO EP	01 04 52.8
EUR EP	01 05 39.5
APR 7	
BMO EP	01 29 53.6
ES	30 16.4

Date and Station	Phase (GCT)
	h m s
APR 7	
KIP EP	01 32 23.7
APR 7	
BMO E(P)	01 35 35.7
APR 7	
KIP EP	01 39 02.8
APR 7	
KIP IP	01 50 21.5
APR 7	
EUR IP	02 30 06.4
APR 7	
H-03 25 44.1	
38.0N 021.1E	
h ABOUT 14KM	
COL EP	03 37 39.0
HHM IP	03 38 22.4
NEW IP	03 38 28.4
BOZ EP	03 38 30.0
APR 7	
H-03 52 41.7	
43.8N 147.5E	
h ABOUT 60KM	
COL IP	04 00 19.6
BOZ EP	04 03 28.0
EpP	03 44.5
EUR EP	04 03 36.4
APR 7	
CED IP	04 59 16.2
IS	59 21.8
APR 7	
H-05 02 57.4	
15.6S 174.4W	
h ABOUT 38KM	
SLD EP	05 14 21.5
BCN EP	05 14 44.6
EUR EP	05 14 47.8
EPP	17 39.8
TUC E(P)	05 14 48.8
GCA EP	05 15 00.1
BMO EP	05 15 01.4
ALQ IP	05 15 14.4
FGU EP	05 15 16.3
COL IP	05 15 16.8
HHM EP	05 15 18.9
BOZ EP	05 15 22.0
IPCP	15 26.5

Date and Station	Phase (GCT)
	h m s
APR 7	
COL IP	05 29 19.5
BMO E(P)	05 32 16.7
EUR EP	05 32 45.0
APR 7	
COL EP	08 25 46.0
APR 7	
H-09 42 32.2	
26.2N 127.4E	
h ABOUT 45KM	
BRW EP	09 52 41.9
IpP	52 53.6
COL EP	09 53 04.8
IpP	53 18.6
SIT EP	09 53 55.0
NEW IP	09 55 09.7
IpP	55 23.0
UKI E(P)	09 55 17.0
EpP	55 30.5
HHM IP C	09 55 18.4
IpP	55 31.4
BMO EP	09 55 19.0
EpP	55 31.9
SLD EP	09 55 28.5
IpP	55 41.7
BOZ IP	09 55 32.3
IpP	55 43.0
EsP	55 52.0
EPP	58 52.0
EUR IP C	09 55 37.8
IpP	55 50.8
I	56 08.5
EPP	59 23.7
SLC IP	09 55 45.7
EpP	55 58.9
IsP	57 02.6
E(PP)	59 40.0
CED EP	09 55 48.0
EpP	56 01.4
FGU EP C	09 55 51.0
IpP	56 04.7
BCN IP C	09 55 51.1
IpP	56 04.2
EPP	59 37.2
RCD EP	09 55 58.0
EpP	55 11.5
GCA E(P)	09 56 10.2
E	56 34.2
TUC E(P)	09 56 11.6
EPP	10 00 13.0

Date and Station	Phase (GCT)
	h m s
ALQ IP	09 56 20.5
I	56 30.6
I	58 02.5
APR 7	
HON IP	09 59 45.3
E	10 14 02.0
APR 7	
H-11 00 53.9	
38.8N 119.4W	
h ABOUT 14KM	
SLD IP	11 01 31.3
IL	01 59.5
EUR IP	11 01 39.0
BCN E(P)	11 02 08.0
EL	03 17.2
CED E(P)	11 02 12.2
BMO E(P)	11 02 33.4
EL	04 02.7
APR 7	
TUC E(P)	11 32 16.6
APR 7	
COL E(P)	11 40 12.0
APR 7	
H-11 51 26.2	
20.5S 177.7W	
h ABOUT 478KM	
EUR EP	12 03 01.8
BMO EP	12 03 10.8
COL IP	12 03 24.6
APR 7	
ALQ E(P)	12 48 18.0
APR 7	
HHM EP	13 25 29.4
BOZ EP	13 25 32.0
NEW EP	13 25 42.0
FGU EP	13 25 45.5
BMO EP	13 25 58.3
E	27 12.8
ALQ IP	13 26 04.6
I	27 49.0
EUR EP	13 26 21.2
I	28 38.2
TUC E(P)	13 26 35.9
E	27 52.5
CED EP	13 26 53.9
ALQ IP	13 27 49.0
COL EP	13 29 48.0

Date and Station	Phase (GCT)
	h m s
APR 7	
BMO EP	13 29 02.2
HHM E(P)	13 29 05.9
APR 7	
ALQ E(P)	13 36 11.5
APR 7	
H-14 36 32.0	
24.1S 175.2W	
h ABOUT 56KM	
CED E(P)	14 48 37.0
BCN EP	14 48 51.0
E	49 12.0
TUC E(P)	14 48 53.5
EUR IP D	14 48 57.7
E	49 18.7
GCA EP	14 49 06.0
E	49 27.2
BMO EP	14 49 10.1
ALQ IP	14 49 16.0
I	49 38.0
NEW IP	14 49 20.5
BOZ IP	14 49 28.3
HHM EP	14 49 28.4
COL EP	14 49 31.0
APR 7	
BMO E(P)	15 01 24.5
APR 7	
COL EP	15 15 37.0
BRW EP	15 15 42.7
APR 7	
HHM EP	15 37 45.9
APR 7	
H-16 26 40.4	
6.0S 152.6E	
h ABOUT 51KM	
COL EP	16 39 01.0
BRW EP	16 39 06.6
EUR E(P)	16 39 59.0
APR 7	
H-17 15 42.2	
5.6S 151.7E	
h ABOUT 54KM	
COL EP	17 28 02.5
BMO EP	17 28 59.1
EUR IP	17 29 03.0
HHM IP	17 29 09.9

Date and Station	Phase (GCT)
	h m s
APR 7	
BMO E(P)	18 19 51.4
APR 7	
FGU I(P)	18 28 02.2
IS	28 22.5
APR 7	
HHM IP	18 41 23.9
BMO EP	18 41 42.8
APR 7	
EUR E(P)	19 50 37.5
BMO E(P)	19 51 02.5
APR 7	
BMO IP	20 30 33.0
E(S)	30 40.4
APR 7	
BMO E(P)	20 36 11.1
HHM EP	20 36 14.5
APR 7	
COL EP	20 58 41.0
APR 7	
FGU IP C	21 06 48.1
APR 7	
COL EP	21 09 04.0
APR 7	
BMO EP	21 35 45.4
E(S)	36 03.9
APR 7	
H-22 08 46.8	
52.3N 174.2E	
h ABOUT 33KM	
COL EP	22 13 49.0
APR 7	
H-22 27 30.0	
37.0N 116.0W	
h ABOUT 0KM	
BCN IP C	22 27 56.3
CED E(P)	22 28 18.5
IL	29 04.5
GCA IP	22 28 27.2
I	28 35.4
IL	29 20.5
SLD IP	22 28 35.5
I	28 47.0
IL	29 42.0
TUC E(P)	22 29 06.5
ALQ IP	22 29 29.4
I	29 58.4
IL	31 40.0
BMO E(P)	22 29 31.0
BOZ E(P)	22 29 40.0
E	30 15.0

Date and Station	Phase (GCT)
	h m s
HHM E(P)	22 30 23.9
E	33 45.4
APR 7	
COL EP	22 37 29.0
BMO EP	22 42 53.1
APR 7	
CED E(P)	22 44 25.0
APR 7	
BCN IP C	22 44 59.6
GCA EP	22 45 38.0
E	45 44.2
BMO E(P)	22 46 49.1
APR 7	
EUR EP	23 14 21.0
APR 7	
H-23 53 51.1	
02.0S 100.2E	
h ABOUT 33KM	
HHM EP'	24 12 48.9
BOZ EP'	24 12 57.0
EUR EP'	24 13 10.2
APR 8	
BMO IP	01 04 20.7
IS	04 24.8
APR 8	
COL EP	01 10 37.0
BMO EP	01 14 25.2
APR 8	
H-01 46 45.5	
51.3N 157.8E	
h ABOUT 48KM	
BRW IP C	01 52 38.8
I	52 45.0
IPCP	55 49.6
E	56 58.3
ESCS	02 03 47.3
COL IP C	01 52 57.1
IS	57 57.0
EL	02 00 22.0
GUA E(P)	01 53 56.0
ES	02 00 04.0
SIT EP	01 54 02.0
IS	02 00 00.0
KIP IP	01 55 01.9
I	55 11.9
HON IP	01 55 16.6
IS	02 01 44.6
NEW IP	01 55 51.9

Date and Station	Phase (GCT)
	h m s
HHM IP C	01 56 03.7
I▸P	56 16.4
E	02 02 25.9
ES	03 34.4
BMO IP	01 56 07.2
EPP	58 08.0
UKI E(P)	01 56 10.0
E▸P	56 23.0
BOZ IP C	01 56 26.0
I▸P	56 39.5
IS	02 04 17.0
EP'P'	25 48.0
E	26 13.0
EP'P'	26 26.0
SLD IP C	01 56 28.0
IS	02 04 21.0
I▸S	04 43.5
ESCS	06 10.9
EUR IP C	01 56 38.0
IS	02 04 41.5
EP'P'	25 57.0
I	26 14.3
SLC IP C	01 56 47.6
E▸P	57 01.0
ES	02 04 59.5
FGU IP	01 56 55.7
E▸P	57 08.1
CED IP	01 56 57.0
I▸P	57 10.5
BCN IP C	01 56 59.3
I▸P	57 12.7
E	02 06 03.5
EP'P'	25 53.5
EP'P'	26 12.5
GCA EP	01 57 06.2
I▸P	57 19.5
ES	02 05 32.0
EP'P'	26 14.0
TUC IP C	01 57 31.2
ES	02 06 21.0
EP'P'	26 04.2
ALQ IP	01 57 35.0
I▸P	57 48.0
IP'P'	02 26 00.5
SJG EP'	02 04 36.5
APR 8	
BHP EP D	02 04 50.0
APR 8	
COL EP	02 24 45.1
APR 8	
BRW E(P)	02 40 50.1
APR 8	
H-02 41 34.3	
09.1S 158.3E	
h ABOUT 73KM	
COL IP	02 53 54.8

Date and Station	Phase (GCT)
	h m s
BMO EP	02 54 38.4
EUR IP	02 54 40.3
APR 8	
GCA E(P)	02 55 50.9
I	55 51.5
EL	56 25.0
APR 8	
H-02 55 00.8	
37.4N 115.0W	
h ABOUT 33KM	
BCN IP D	02 55 23.0
IS	55 43.1
CED E(P)	02 55 56.8
I	56 01.2
EL	56 46.0
SLD IP	02 56 15.0
I	56 26.7
IL	57 21.7
BMO E(P)	02 56 55.5
ALQ IP	02 57 03.5
I	58 57.5
APR 8	
FGU EP	04 51 52.8
APR 8	
H-05 24 45.2	
51.3N 157.9E	
h ABOUT 48KM	
BRW EP C	05 30 37.8
E	30 50.5
E	32 26.0
EPCP	33 48.6
COL EP	05 30 57.0
NEW IP	05 33 51.5
I▸P	34 04.0
HHM IP	05 34 03.8
E▸P	34 16.4
BMO IP	05 34 07.0
EPP	36 12.8
BOZ IP C	05 34 25.6
I▸P	34 37.0
SLD EP	05 34 28.0
I▸P	34 41.0
EUR IP C	05 34 37.8
I▸P	34 50.8
IPP	36 35.4
FGU EP	05 34 55.0
E▸P	35 08.1
IPCP	35 38.1
CED IP	05 34 57.0
I▸P	35 10.5
BCN IP	05 34 58.6
I▸P	35 12.0

Date and Station	Phase (GCT)
	h m s
RCD EP	05 35 04.0
E▸P	35 17.0
GCA EP	05 35 05.7
E▸P	35 19.0
TUC EP	05 35 30.7
E▸P	35 43.8
ALQ IP	05 35 34.8
I▸P	35 48.0
APR 8	
SJG IP	05 30 52.7
IS	31 10.8
APR 8	
H-05 52 40.0	
52.7N 033.3W	
h ABOUT 31KM	
HHM IP	06 01 24.9
E	01 34.4
BOZ EP	06 01 28.6
E	01 36.0
NEW IP	06 01 38.0
I	01 49.0
FGU EP	06 01 40.8
COL IP	06 01 51.6
BMO IP	06 01 54.0
E	03 07.7
ALQ IP	06 02 00.0
I	02 11.0
EUR EP	06 02 16.5
I	02 27.0
E	03 39.8
GCA E(P)	06 02 22.0
TUC E(P)	06 02 29.5
BCN E(P)	06 02 38.5
CED EP	06 02 48.8
APR 8	
COL EP	06 01 15.0
APR 8	
H-06 23 39.1	
10.2S 161.3E	
h ABOUT 58KM	
COL IP	06 36 02.8
EUR IP	06 36 39.0
BMO EP	06 36 39.5
APR 8	
FGU E(P)	06 41 01.0
E	41 12.8
EL	41 37.0
APR 8	
SJG ET	06 45 37.2

Date and Station	Phase (GCT)
	h m s
APR 8	
H-07 15 54.5	
20.3S 174.1W	
h ABOUT 121KM	
TUC E(P)	07 27 51.1
EUR EP	07 27 55.8
BMO E(P)	07 28 06.7
ALQ EP	07 28 16.0
FGU EP	07 28 19.4
COL EP	07 28 28.5
BOZ E(P)	07 28 30.0
APR 8	
ALQ EP	07 26 30.0
APR 8	
EUR IP	09 02 03.2
EL	02 41.1
APR 8	
RCD EP	09 10 44.5
APR 8	
H-09 19 05.2	
56.7N 152.4W	
h ABOUT 13KM	
COL IP	09 21 09.9
E	23 49.0
EL	24 56.0
BRW E(P)	09 22 32.4
I	22 42.0
EL	27 32.7
NEW EP	09 24 10.0
HHM EP	09 24 26.4
BMO EP	09 24 29.1
E	25 27.5
BOZ EP	09 24 53.5
EUR IP	09 25 09.4
EPCP	28 19.6
FGU EP	09 25 30.1
BCN EP	09 25 38.5
CED E(P)	09 25 39.0
TUC E(P)	09 26 16.2
ALQ EP	09 26 22.5
APR 8	
BCN E(P)	09 32 06.0
I	32 10.5
IL	32 42.0
APR 8	
COL EP	09 44 54.0

Date and Station	Phase (GCT)
	h m s
APR 8	
CED IP C	10 31 33.8
IS	31 39.1
APR 8	
H-10 32 05.0	
08.1S 156.3E	
h ABOUT 19KM	
COL EP	10 44 32.0
BRW EP	10 44 41.2
I▸P	44 46.9
BMO E(P)	10 45 18.5
EUR EP	10 45 21.5
I▸P	45 27.5
BCN EP	10 45 24.5
E▸P	45 30.3
APR 8	
COL EP	11 05 23.0
APR 8	
H-11 10 21.2	
14.9S 175.5W	
h ABOUT 33KM	
SLD EP	11 21 48.5
CED EP	11 21 53.5
BCN EP	11 22 10.0
E	22 30.7
EUR IP	11 22 15.1
TUC EP	11 22 15.1
BMO EP	11 22 25.4
E	23 11.4
GCA EP	11 22 26.0
SLC EP	11 22 33.7
NEW EP	11 22 36.0
ALQ IP	11 22 39.5
FGU EP	11 22 40.6
HHM EP	11 22 45.9
BOZ EP	11 22 47.0
APR 8	
BMO IP	11 18 58.8
IS	19 02.8
APR 8	
HON I	11 27 21.0
APR 8	
FGU EP'	12 15 11.8
EUR EP'	12 15 17.0
BOZ EP'	12 15 21.7
E	15 37.0
BMO EP'	12 15 25.4

Date and Station	Phase	(GCT) h m s
HHM	IP'	12 15 26.9
COL	IP'	12 16 16.0
BRW	E(P')	12 16 43.2
APR 8		
H-12 27 24.5		
56.7N 152.1W		
h ABOUT 33KM		
COL	EP	12 29 26.0
BRW	E(P)	12 30 48.4
APR 8		
H-13 46 52.1		
35.7N 030.9E		
h ABOUT 76KM		
BMO	E(P)	14 00 13.7
APR 8		
H-14 07 51.9		
26.6S 114.4W		
h ABOUT 33KM		
BHP	EP C	14 16 38.0
	ES	23 53.0
TUC	EP	14 17 49.0
CED	EP	14 18 03.5
BCN	EP	14 18 12.8
SLD	EP	14 18 25.5
SJG	EP	14 18 28.5
EUR	IP D	14 18 35.6
	E	18 40.0
SLC	EP	14 18 44.5
FGU	EP	14 18 44.6
BMO	EP	14 19 08.1
RCD	EP	14 19 11.0
	E	19 29.0
BOZ	EP	14 19 13.0
	E	19 16.5
NEW	EP	14 19 28.0
HHM	EP	14 19 28.8
COL	EP	14 21 10.0
APR 8		
BMO	E(P)	14 08 21.9
APR 8		
ALQ	IP	14 14 51.2
	IS	18 18.5
APR 8		
HON	I	14 37 36.6
APR 8		
BHP	E(P)	14 39 32.0
APR 8		
BMO	EP	14 44 40.1
APR 8		
EUR	E(P)	14 47 16.8
APR 8		
COL	EP	15 38 23.0
BMO	E(P)	15 40 57.0
APR 8		
COL	E(P)	16 06 07.6
APR 8		
EUR	IP	16 15 50.4
APR 8		
EUR	EP	16 51 52.5
APR 8		
COL	E(P)	17 38 05.8
APR 8		
COL	EP	18 31 17.0
APR 8		
HHM	EP	19 17 51.9
BMO	EP	19 18 10.7
APR 8		
COL	EP	19 47 41.0
APR 8		
ALQ	EP	19 48 29.5
APR 8		
H-20 03 43.7		
27.8S 176.7W		
h ABOUT 87KM		
TUC	EP	20 16 19.5
EUR	EP	20 16 23.5
BMO	EP	20 16 31.7
ALQ	IP	20 16 39.0
BOZ	EP	20 16 49.0
	EPCP	16 53.6
HHM	EP	20 16 49.1
COL	EP	20 16 53.0
APR 8		
EUR	E(P)	20 39 31.4
APR 8		
ALQ	IP	20 43 50.6
	I	44 22.6
APR 8		
ALQ	IP	20 57 30.0
APR 8		
COL	EP	21 23 09.0
APR 8		
KIP	IP	21 27 08.7
APR 8		
SJG	IP	21 43 07.0
	IL	44 23.0
APR 8		
H-22 10 57.1		
56.5N 152.5W		
h ABOUT 33KM		
COL	E(P)	22 12 58.7
	IL	15 26.0
	IL	16 44.0
BRW	E(P)	22 14 23.8
	I	14 33.1
	EL	19 04.3
NEW	EP	22 15 58.0
HHM	EP	22 16 14.9
	ES	20 43.4
BMO	EP	22 16 19.5
BOZ	EP	22 16 41.6
	ES	21 20.0
SLD	EP	22 16 52.0
EUR	EP D	22 16 58.2
	IPCP	20 05.3
	ISCP	23 18.7
BCN	EP	22 17 26.3
	E	18 41.3
CED	EP	22 17 29.0
TUC	E(P)	22 18 09.3
ALQ	E(P)	22 18 10.8
APR 8		
H-22 15 03.3		
36.4N 070.8E		
h ABOUT 200KM		
BRW	EP	22 25 38.0
COL	IP	22 26 20.8
APR 8		
KIP	E(P)	22 19 08.3
APR 8		
HON	E	22 22 36.2
APR 8		
BMO	EP	22 30 23.5
APR 8		
H-22 33 51.0		
56.8N 152.1W		
h ABOUT 37KM		
COL	EP	22 35 52.0
BRW	E(P)	22 37 17.7
HHM	E(P)	22 39 01.6
BMO	E(P)	22 39 10.5
APR 8		
H-22 37 05.1		
56.7N 152.5W		
h ABOUT 33KM		
COL	E(P)	22 39 09.3
BRW	E(P)	22 40 33.0
APR 8		
H-23 05 19.4		
50.3N 156.7E		
h ABOUT 50KM		
BRW	EP	23 11 22.4
COL	IP	23 11 41.0
	E	12 20.0
	EPP	12 45.0
BMO	EP	23 14 48.8
	E	15 29.2
ALQ	EP	23 16 15.5
APR 8		
H-23 17 15.6		
68.1N 019.6W		
h ABOUT 33KM		
BMO	E(P)	23 26 23.0
APR 8		
NEW	IP	23 17 57.8
	IS	18 15.8
APR 8		
BMO	E(P)	23 28 09.9
APR 8		
H-23 46 50.1		
52.4N 173.5E		
h ABOUT 38KM		
BRW	IP	23 51 55.3
	I	52 06.0
COL	IP D	23 51 55.7
	I▸P	52 09.2
	I	53 11.2
NEW	IP	23 54 46.9
	E▸P	54 57.0
	EPCP	56 37.0
HHM	IP	23 55 00.7
	I▸P	55 11.4
	IPCP	56 43.4
BMO	EP	23 55 01.5
	E	55 53.6
BOZ	IP	23 55 23.2
	E▸P	55 34.0
	E▸P	55 39.5
	E	56 54.0
EUR	IP C	23 55 33.6
	I▸P	55 44.7
	IPCP	57 10.1
	ESCP	00 00 48.6
BCN	E(P)	23 55 56.3
	E	56 10.5

Date and Station	Phase (GCT)
	h m s
RCD EP	23 56 08.0
E▸P	56 20.5
TUC E(P)	23 56 32.0
CSC EP	23 58 13.5
E▸P	58 25.0
APR 8	
SLD EP	23 56 53.0
APR 9	
COL E(P)	00 04 26.0
APR 9	
ALQ EP	00 05 14.0
APR 9	
KIP EP	00 33 58.5
APR 9	
BMO E(P)	00 49 39.2
EUR EP	00 50 13.5
APR 9	
EUR EP	01 12 40.5
E	13 19.7
APR 9	
ALQ EP	01 40 47.0
APR 9	
ALQ IP	01 42 18.5
I	42 45.0
APR 9	
NEW IP	02 02 40.4
IS	03 07.0
HHM E(P)	02 02 48.4
E	03 23.4
APR 9	
COL E(P)	02 24 56.0
APR 9	
KIP EP	02 27 13.8
APR 9	
H-02 34 23.9	
9.4N 084.2W	
h ABOUT 47KM	
BHP IP C	02 35 32.0
IL	36 48.0
SJG IP C	02 38 49.5
IS	42 21.5
ET	56 46.0
CSC EP	02 39 43.0
E	39 52.0
ES	44 23.0
WSC EP	02 40 31.2
E	40 40.5
TUC EP	02 41 01.3
GCA EP	02 41 31.2
EPCP	43 53.0
BCN EP	02 41 42.5

Date and Station	Phase (GCT)
	h m s
RCD EP	02 41 43.2
E	41 53.2
FGU EP	02 41 43.4
E	42 10.5
CED EP	02 41 51.8
IPCP	44 00.0
EUR EP	02 42 05.7
BOZ EP	02 42 20.5
E	42 23.2
EPCP	44 12.3
SLD E(P)	02 42 24.5
IPCP	44 13.1
BMO IP	02 42 37.6
EPCP	44 19.5
HHM IP	02 42 44.4
IPCP	44 22.0
NEW EP	02 42 55.0
EPCP	44 26.0
COL EP C	02 45 33.7
IPCP	45 56.5
BRW EP	02 46 04.2
EPCP	46 26.1
APR 9	
H-02 42 11.1	
9.5N 084.1W	
h ABOUT 49KM	
BHP IP C	02 43 17.0
IL	44 32.0
SJG EP	02 46 36.1
IS	50 06.0
ET	03 04 16.5
CSC EP	02 47 30.0
E	47 41.0
ES	52 00.0
WSC EP	02 48 17.8
E	48 26.3
I	49 08.5
IPCP	51 18.5
ALQ IP	02 48 39.0
I	48 44.0
I	50 03.0
TUC EP	02 48 47.3
GCA EP	02 49 17.0
RCD EP	02 49 29.0
EPCP	51 45.0
FGU EP	02 49 30.5
BCN EP	02 49 31.2
EPCP	51 44.0
CED EP	02 49 37.0
IPCP	51 47.0

Date and Station	Phase (GCT)
	h m s
EUR IP D	02 49 53.0
E(PP)	51 27.3
IPCP	52 51.4
E(S)	55 43.2
BOZ EP	02 50 07.0
E	51 51.0
ES	56 53.0
SLD EP	02 50 09.5
IPCP	52 00.5
BMO EP	02 50 24.5
HHM EP	02 50 35.5
IPCP	52 12.5
NEW EP	02 50 42.0
E	52 13.0
COL IP	02 53 21.5
IPCP	53 44.1
BRW IP D	02 53 51.5
APR 9	
TUC EP	02 43 42.0
APR 9	
BCN EP	02 56 46.0
APR 9	
COL EP	02 59 39.0
APR 9	
BMO EP	03 02 37.0
EUR EP	03 03 08.4
APR 9	
HON I	03 13 50.2
APR 9	
COL EP	03 38 05.0
APR 9	
H-04 07 51.6	
27.5S 113.6W	
h ABOUT 33KM	
TUC EP	04 17 54.0
BCN EP	04 18 19.0
BMO EP	04 19 14.7
RCD EP	04 19 16.5
BOZ EP	04 19 18.6
NEW EP	04 19 34.0
HHM EP	04 19 34.9
COL E(P)	04 21 15.8
APR 9	
EUR EP	05 53 28.0
APR 9	
SJG EP	06 11 18.5
IS	11 36.6

Date and Station	Phase (GCT)
	h m s
APR 9	
SJG IP	06 41 30.2
IS	41 55.0
APR 9	
H-07 16 16.5	
56.8N 152.1W	
h ABOUT 36KM	
COL EP	07 18 18.0
IL	21 14.0
EL	22 13.0
BRW E(P)	07 19 42.8
NEW EP	07 21 17.0
HHM EP	07 21 32.9
BMO EP	07 21 36.5
FGU EP	07 22 39.0
APR 9	
BRW EP	07 29 50.7
APR 9	
GUA E(P)	07 32 20.0
APR 9	
BMO E(P)	07 43 12.7
EUR EP	07 43 25.3
APR 9	
H-07 53 11.6	
.8S 078.1W	
h ABOUT 30KM	
ALQ EP	08 01 22.0
APR 9	
KIP EP	08 00 08.6
APR 9	
COL E(P)	08 16 45.7
APR 9	
H-08 48 14.6	
56.6N 152.5W	
h ABOUT 30KM	
COL EP	08 50 19.0
BRW E(P)	08 51 35.5
BMO E(P)	08 53 37.2
EUR EP	08 54 17.3
APR 9	
SJG IP	08 49 29.6
IL	50 02.1
APR 9	
KIP E	09 32 06.6
APR 9	
COL E(P)	11 01 10.5
APR 9	
TUC E(P)	11 18 47.2
E(S)	19 36.0

Date and Station	Phase	Phase (GCT) h m s
BCN	E(P)	11 19 38.0
	E	19 53.0
	EL	20 53.5
EUR	E(P)	11 20 08.5
APR 9		
EUR	EP	12 04 05.0
APR 9		
SJG	IP	12 35 45.5
	IS	36 06.0
APR 9		
H-14 31 57.0		
32.8N 137.7E		
h ABOUT 355KM		
BRW	IP	14 40 33.9
COL	EP	14 40 49.0
HHM	EP	14 43 12.9
BMO	IP	14 43 13.1
BOZ	EP	14 43 28.6
EUR	EP	14 43 33.7
BCN	EP	14 43 47.7
ALQ	EP	14 44 38.5
APR 9		
H-14 49 23.0		
14.1S 166.7E		
h ABOUT 49KM		
SLD	EP	15 01 54.0
COL	EP	15 01 56.0
CED	E(P)	15 02 03.5
BRW	EP	15 02 12.3
	E	03 03.2
BCN	EP	15 02 16.0
	EPP	0 40.0
EUR	EP D	15 02 17.0
	EPP	05 43.0
BMO	EP	15 02 18.1
NEW	EP	15 02 25.0
TUC	EP	15 02 25.5
BOZ	E(P)	15 02 38.0
	EPP	02 53.5
ALQ	EP	15 02 43.0
APR 9		
HON	EP	15 04 30.0
APR 9		
SJG	EP	15 11 48.0
APR 9		
CED	IP	15 18 17.0
APR 9		
EUR	E(P)	15 28 00.0
APR 9		
TUC	E(P)	15 34 43.5
APR 9		
TUC	E(P)	15 44 10.8
APR 9		
BMO	EP	16 02 18.1
APR 9		
BOZ	E(P)	17 11 27.0
APR 9		
HHM	EP	17 47 07.9
	I	47 08.9
	E	47 40.4
BMO	EP	17 47 27.3
APR 9		
H-18 51 44.8		
60.2N 147.2W		
h ABOUT 33KM		
COL	IP D	18 52 55.4
	IL	54 00.0
BRW	EP	18 54 35.6
	I	54 39.1
	EL	56 55.5
	EL	58 01.5
NEW	IP	18 56 28.5
HHM	I(P)	18 56 50.4
BMO	IP	18 56 54.0
	E	57 34.9
BOZ	EP	18 57 12.5
	E	57 19.5
SLD	EP	18 57 38.5
	I	19 00 48.5
ALQ	IP	18 58 46.0
TUC	EP	18 58 51.5
APR 9		
SJG	EP	19 05 22.5
	IS	06 16.0
APR 9		
BMO	EP	19 07 12.6
APR 9		
BOZ	E(P)	19 42 48.0
	EL	43 28.0
BMO	E(P)	19 43 12.9
APR 9		
COL	EP	19 54 38.0
APR 9		
COL	IP	19 55 11.5
APR 9		
H-20 00 56.6		
05.4N 126.0E		
h ABOUT 116KM		
GUA	EP	20 05 25.0
	ES	09 04.0
KIP	EP	20 12 29.7
CED	EP	20 15 08.8
APR 9		
GCA	EP	20 05 08.5
	I	05 16.5
	IL	06 04.0
TUC	E(P)	20 05 52.0
APR 9		
H-20 08 34.7		
56.4N 152.3W		
h ABOUT 14KM		
COL	I(P)	20 10 40.7
	E	11 54.0
	EL	12 54.0
BRW	EP	20 12 07.6
	I	13 30.4
	EL	17 06.1
NEW	IP	20 13 39.0
BMO	EP	20 13 57.9
HHM	E(P)	20 13 54.9
	ES	18 23.4
BOZ	EP	20 14 21.5
	E(S)	19 06.0
SLD	E(P)	20 14 30.0
TUC	EP	20 15 49.5
ALQ	E(P)	20 15 50.0
	IPCP	18 10.0
	ESCP	21 55.8
APR 9		
SJG	EP	20 20 05.0
	EL	21 02.0
APR 9		
COL	E(P)	20 13 41.0
APR 9		
H-20 17 43.8		
56.6N 152.1W		
h ABOUT 25KM		
COL	IP	20 19 48.9
BRW	EP	20 21 19.5
NEW	IP	20 22 45.2
BMO	EP	20 23 04.3
TUC	E(P)	20 24 56.5
ALQ	EP	20 24 56.9
APR 9		
HON	I	20 22 36.0
APR 9		
ALQ	EP	20 27 19.5
APR 9		
BMO	E(P)	20 30 36.7
APR 9		
BMO	EP	21 40 51.8
APR 9		
TUC	E(P)	23 14 41.3
APR 9		
H-23 21 28.8		
05.9N 124.0E		
h ABOUT 534KM		
COL	E(P)	23 33 03.3
APR 10		
H-00 28 32.5		
17.9N 097.1W		
h ABOUT 108KM		
ALQ	IP	00 32 45.5
TUC	EP	00 32 45.5
BMO	EP	00 34 47.1
COL	EP	00 38 14.4
APR 10		
COL	E(P)	02 10 31.3
APR 10		
COL	EP	03 15 23.5
APR 10		
H-04 11 12.6		
51.8N 174.3E		
h ABOUT 32KM		
COL	EP	04 16 20.0
HHM	E(P)	04 19 19.4
BMO	E(P)	04 19 22.5
BOZ	EP	04 19 44.5
	EPP	19 54.5
APR 10		
COL	EP	05 45 08.0
BOZ	EP	05 49 32.5
APR 10		
SJG	IP	05 56 19.2
	IS	56 34.9
APR 10		
H-05 55 49.5		
22.0S 068.4W		
h ABOUT 112KM		
SJG	EP	06 03 11.0
	EPP	03 40.0
ALQ	IP	06 06 33.5

Date and Station	Phase (GCT)
	h m s
TUC EP	06 06 36.0
BMO EP	06 07 49.2
E▸P	08 20.8
HHM E	06 07 10.4
E▸P	08 22.9
BOZ E	06 08 09.0
E▸P	08 23.0
APR 10	
COL I(P)	06 41 44.1
APR 10	
H-06 53 08.9	
37.6N 115.3E	
h ABOUT 33KM	
COL IP	07 03 09.0
NEW EP	07 05 32.0
BMO EP	07 05 42.9
BOZ EP	07 05 52.0
APR 10	
COL EP	07 34 52.5
APR 10	
H-10 07 45.9	
10.2N 122.2E	
h ABOUT 70KM	
COL EP	10 19 54.0
APR 10	
SJG EP	10 27 32.5
E	27 45.7
APR 10	
H-10 33 35.8	
6.8N 073.0W	
h ABOUT 168KM	
BHP I(P)	10 35 10.0
IS	36 24.0
SJG EP	10 36 33.0
IL	38 49.5
ALQ IP	10 41 10.0
TUC IP D	10 41 23.7
EsP	42 15.0
RCD EP	10 41 42.5
EsP	42 34.5
GCA IP	10 41 46.9
I	41 57.0
BCN IP D	10 42 00.9
EPP	43 59.7
SLC IP	10 42 03.5
CED EP	10 42 10.4
E	42 16.0
BOZ IP	10 42 23.5
E▸P	43 00.0

Date and Station	Phase (GCT)
	h m s
SLD IP D	10 42 37.6
E	43 08.0
BMO EP	10 42 43.3
HHM EP	10 42 44.9
E▸P	43 11.4
EsP	43 26.0
NEW IP	10 42 56.1
E▸P	43 33.0
COL E(P)	10 45 13.0
APR 10	
H-10 39 53.2	
53.1N 170.9E	
h ABOUT 33KM	
BRW EP	10 44 58.0
NEW IP	10 47 59.3
HHM IP	10 48 13.4
BMO EP	10 48 14.4
BOZ IP	10 48 35.5
BCN E(P)	10 49 10.0
RCD EP	10 49 20.0
TUC E(P)	10 49 45.3
ALQ E(P)	10 49 48.5
APR 10	
HHM E(P)	11 43 10.9
NEW EP	11 43 25.0
APR 10	
BMO EP	12 24 58.4
APR 10	
COL IP	12 29 44.6
APR 10	
GCA E(P)	12 37 24.5
I	37 27.1
IL	38 03.5
ALQ EP	12 38 11.0
APR 10	
BMO E(P)	13 23 51.8
APR 10	
SLD IP C	15 32 46.9
IS	32 52.6
APR 10	
SJG IP	16 35 38.7
IS	35 53.8
APR 10	
H-16 36 14.9	
31.5S 071.0W	
h ABOUT 63KM	
BHP IP D	16 43 55.0
I▸P	44 10.0

Date and Station	Phase (GCT)
	h m s
SJG EP	16 44 59.0
I▸P	45 15.2
EPP	46 52.0
ES	52 00.0
ESS	55 34.0
CSC EP	16 46 54.0
E▸P	47 12.0
ES	55 32.0
WSC EP D	16 47 22.5
E▸P	47 40.0
EsP	47 51.3
EPP	50 16.8
TUC EP	16 47 43.1
I▸P	48 01.3
E(S)	57 09.0
ALQ IP	16 47 45.2
I▸P	48 02.0
GCA EP	16 48 08.9
EPCP	48 19.6
I▸P	48 26.2
CED EP	16 48 12.6
I▸P	48 30.2
BCN EP	16 48 13.0
IPCP	48 23.3
I(▸P)	48 28.5
EPP	51 28.7
FGU EP C	16 48 19.5
E	48 30.8
I▸P	48 37.0
ES	58 21.0
RCD EP	16 48 24.8
E▸P	48 40.8
ES	58 30.0
SLC IP	16 48 25.2
I▸P	48 41.5
SLD EP	16 48 34.0
I▸P	48 51.2
BOZ EP	16 48 44.5
E▸P	49 00.0
EsP	49 08.0
EPP	52 08.0
EPKKP	07 09.0
BMO E(P)	16 48 52.6
HHM IP	16 49 00.9
I▸P	49 18.0
NEW EP	16 49 04.0
I▸P	49 22.0
COL E(P)	16 51 08.5
EP'	54 45.0
BRW EP'	16 55 12.2
APR 10	
HON EP	17 01 42.0

Date and Station	Phase (GCT)
	h m s
APR 10	
COL IP C	17 27 02.2
I	28 02.1
APR 10	
H-19 57 30.1	
36.9N 137.7E	
h ABOUT 33KM	
COL EP	20 06 28.0
BMO EP	20 09 05.0
E	10 07.1
BOZ EP	20 09 20.5
APR 10	
H-21 06 18.8	
36.7N 137.9E	
h ABOUT 33KM	
COL EP	21 15 17.7
BMO EP	21 17 53.7
BOZ E(P)	21 18 07.0
APR 10	
H-22 27 00.9	
41.3N 125.6W	
h ABOUT 33KM	
UKI IP	22 27 42.5
ES	28 15.0
SLD IP D	22 28 19.4
IS	29 20.5
BMO IP	22 28 43.9
NEW EP	22 29 13.0
CED EP	22 29 18.6
E	29 24.8
BCN EP	22 29 28.0
SLC IP C	22 29 32.0
I	29 40.5
HHM IP	22 29 34.4
I	29 39.9
ES	31 43.4
BOZ EP C	22 29 38.5
I	29 53.5
EL	32 00.0
GCA EP	22 29 50.5
FGU EP	22 29 54.5
TUC EP	22 30 32.1
E	30 49.0
ALQ IP	22 30 50.5
RCD E(P)	22 30 52.0
E	31 00.0
COL EP	22 32 40.0
SJG IP'	22 36 35.0
I	36 41.0

Date and Station	Phase	Phase (GCT) h m s
APR 11		
BMO	EP	01 32 11.9
APR 11		
COL	EP	04 01 45.5
APR 11		
BMO	E(P)	06 17 57.1
APR 11		
H-06 46 07.5		
19.9S 068.6W		
h ABOUT 85KM		
SJG	IP	06 53 17.5
	IS	58 58.0
BMO	E(P)	06 58 00.1
APR 11		
HHM	IP	06 56 44.9
	E	57 27.3
BMO	E(P)	06 57 03.6
APR 11		
H-07 28 58.8		
23.6S 068.3W		
h ABOUT 98KM		
SJG	EP	07 35 34.0
	I	35 50.9
BMO	E(P)	07 41 07.2
APR 11		
COL	E(P)	08 24 52.0
APR 11		
FGU	IP	09 26 02.7
	IS	26 24.5
APR 11		
COL	EP	09 33 35.5
HHM	E(P)	09 36 32.4
BMO	EP	09 36 33.4
APR 11		
COL	EP	09 47 33.0
BMO	EP	09 50 07.9
FGU	EP	09 50 38.0
APR 11		
H-10 29 20.1		
22.1S 068.4W		
h ABOUT 119KM		
BMO	EP	10 41 18.7
	E>P	41 50.3
APR 11		
COL	IP	12 14 18.9
APR 11		
H-12 57 22.5		
20.4N 146.2E		
h ABOUT 33KM		
COL	EP	13 07 38.0
NEW	EP	13 09 27.0
BMO	EP	13 09 32.0
HHM	IP	13 09 36.9
BOZ	EP	13 09 50.0
FGU	EP	13 10 05.7
ALQ	EP	13 10 29.8
APR 11		
NEW	EP	13 03 06.0
BMO	EP	13 03 09.7
APR 11		
COL	EP	14 29 49.0
APR 11		
H-14 35 32.6		
8.8N 083.4W		
h ABOUT 46KM		
BHP	IP	14 36 30.5
	IS	37 14.0
SJG	EP	14 39 54.5
	E	40 06.3
BOZ	E(P)	14 43 39.0
BMO	EP	14 43 56.0
COL	IP	14 46 48.9
BRW	E(P)	14 47 18.3
APR 11		
BMO	E(P)	14 51 17.0
HHM	EP	14 51 17.4
APR 11		
COL	EP	15 03 13.5
APR 11		
H-16 05 43.4		
52.7N 173.1E		
h ABOUT 31KM		
BRW	EP C	16 10 46.1
	E	11 02.0
COL	IP	16 10 49.3
NEW	EP	16 13 41.0
HHM	EP	16 13 54.3
	EPCP	15 36.3
BMO	EP	16 13 55.8
	E	14 21.6
BOZ	EP	16 14 18.0
	E>P	14 27.0
RCD	E(P)	16 15 03.0
ALQ	E(P)	16 15 32.0
APR 11		
GUA	EP	16 24 56.0
	ES	25 13.0
APR 11		
ALQ	EP	16 38 50.0
APR 11		
H-16 42 52.2		
38.9N 070.6E		
h ABOUT 13KM		
BRW	EP	16 53 33.1
COL	IP	16 54 17.7
NEW	EP	16 56 06.0
HHM	EP	16 56 06.3
BOZ	EP	16 56 20.5
BMO	E(P)	16 56 26.4
APR 11		
HHM	EP	16 42 52.9
APR 11		
KIP	EP	16 52 56.5
APR 11		
BMO	E(P)	17 00 10.3
APR 11		
H-17 17 32.4		
18.3N 102.3W		
h ABOUT 56KM		
TUC	IP C	17 21 14.9
	E	21 27.0
	E(S)	24 20.0
ALQ	IP	17 21 30.2
	I	21 41.0
	IS	24 35.0
GCA	EP	17 22 07.5
	I	22 21.0
	EL	28 12.0
BCN	EP	17 22 11.3
	I	26 29.0
	EL	27 53.2
CED	EP	17 22 12.5
FGU	I(P)	17 22 31.0
	EL	29 52.0
BHP	EP C	17 22 44.0
CSC	EP	17 22 48.5
	ESCS	33 18.0
SLD	IP C	17 22 52.7
	IPCP	26 27.0
	EL	31 29.0
RCD	E(P)	17 23 01.5
	ES	27 32.0
BOZ	IP C	17 23 22.5
	E	23 31.0
	E>P	23 35.5
	IPCP	26 35.0
	ES	28 39.0
BMO	EP	17 23 30.0
	E	24 45.7
	EPCP	26 36.5
WSC	EP	17 23 35.8
	E	24 26.7
	EPCP	26 37.3
	ESCS	32 19.5
HHM	IP C	17 23 49.4
	E	25 13.9
	IPCP	26 41.9
	ESCS	34 08.9
NEW	IP	17 23 56.5
	E	25 20.0
	IPCP	26 43.5
	EL	34 34.0
SJG	IP C	17 24 15.5
	IPCP	26 50.5
	ES	29 43.0
	ISCP	30 36.5
	E	30 47.0
KIP	IP C	17 26 39.4
COL	IP	17 27 02.2
BRW	EP C	17 27 44.6
APR 11		
COL	EP	17 50 04.0
APR 11		
BMO	E(P)	17 55 37.0
APR 11		
BMO	EP	18 01 46.9
APR 11		
CSC	EP	18 25 10.0
	E	25 20.0
APR 11		
H-18 26 09.0		
57.2N 153.4W		
h ABOUT 12KM		
COL	IP	18 28 10.5
BRW	EP	18 29 33.6
	I	29 55.4
	EL	33 56.2
NEW	IP	18 31 20.1
HHM	IP	18 31 34.9
BMO	EP	18 31 38.9
BOZ	EP	18 32 02.0
FGU	EP	18 32 39.3
BCN	EP	18 32 48.2
RCD	E(P)	18 32 53.0

Date and Station	Phase (GCT)
	h m s
TUC EP	18 33 30.0
APR 11	
COL EP	18 38 33.0
APR 11	
ALQ EP	18 39 30.5
APR 11	
ALQ EP	18 48 32.0
APR 11	
KIP EP	19 10 05.1
APR 11	
H-19 37 13.2	
23.8S 069.1W	
h ABOUT 78KM	
HHM E(P)	19 49 17.9
BMO EP	19 49 22.9
APR 11	
H-22 11 12.1	
20.7S 178.4W	
h ABOUT 605KM	
COL EP	22 23 02.5
APR 11	
BMO EP	22 41 05.5
APR 11	
H-23 00 23.7	
56.6N 152.1W	
h ABOUT 33KM	
COL I(P)	23 02 25.7
IL	04 33.0
NEW IP	23 05 23.6
I	05 30.0
HHM IP	23 05 38.9
I	05 44.9
ES	10 01.4
BMO EP	23 05 43.1
BOZ EP	23 06 06.6
ES	10 04.0
E	10 33.0
SLD EP	23 06 16.5
FGU EP	23 06 43.5
BCN IP C	23 06 52.7
ESCP	13 21.5
CED EP	23 06 54.2
GCA EP	23 07 00.0
TUC IP D	23 07 35.1
ES	13 21.0
ALQ IP	23 07 36.0
ISCP	13 41.0
KIP IP	23 08 35.0
E	15 24.0

Date and Station	Phase (GCT)
	h m s
CSC EP	23 09 31.0
WSC E(P)	23 09 20.0
E	11 04.5
SJG E(P)	23 11 45.0
E	11 53.0
APR 11	
SLD EP	23 13 08.5
FGU EP	23 13 17.5
APR 11	
H-23 45 16.4	
51.1N 179.9E	
h ABOUT 33KM	
COL EP	23 50 05.0
NEW EP	23 52 47.0
BMO EP	23 53 01.1
APR 12	
HON E	00 02 02.0
I	09 52.8
APR 12	
HHM E(P)	00 37 00.8
APR 12	
COL E(P)	01 11 50.0
E	12 11.5
APR 12	
BMO E(P)	01 16 24.7
APR 12	
NEW EP	01 41 12.0
ES	41 53.0
HHM E(P)	01 41 12.6
E	42 52.1
E	43 01.4
BMO EP	01 41 23.3
BOZ E(P)	01 42 05.0
E	43 47.0
APR 12	
ALQ EP	03 14 12.0
APR 12	
H-03 34 22.4	
12.6N 087.6W	
h ABOUT 104KM	
BOZ E(P)	03 41 37.5
BMO EP	03 41 55.1
APR 12	
ALQ EP	04 19 21.2
APR 12	
EUR IP	04 32 14.5
APR 12	
CSC EP	04 42 02.5
APR 12	
EUR E(P)	06 17 24.0

Date and Station	Phase (GCT)
	h m s
APR 12	
COL EP	06 22 45.0
APR 12	
FGU IP C	06 53 09.2
IS	53 20.3
APR 12	
BMO EP	06 56 12.7
APR 12	
NEW EP	08 02 33.0
APR 12	
EUR EP	08 44 45.5
APR 12	
BMO EP	10 09 08.7
APR 12	
CED IP	11 08 41.5
IS	08 49.5
APR 12	
FGU EP	12 14 16.9
I	14 19.2
IS	14 37.5
IL	14 43.0
APR 12	
COL E(P)	12 20 45.8
APR 12	
EUR EP	12 23 40.9
APR 12	
BMO EP	14 14 18.8
APR 12	
APR 12	
BMO E(P)	14 53 31.8
APR 12	
SLD IP	15 32 00.3
IS	32 16.0
APR 12	
H-17 30 49.2	
12.6N 088.0W	
h ABOUT 33KM	
ALQ IP	17 36 39.0
FGU E(P)	17 37 29.5
I	37 32.3
EUR EP	17 37 54.8
BOZ IP	17 38 12.5
BMO EP	17 38 28.9
HHM IP	17 38 38.6
COL IP	17 41 34.6
APR 12	
ALQ EP	17 47 37.0
APR 12	
CED IP	18 08 38.0
IS	08 43.1

Date and Station	Phase (GCT)
	h m s
APR 12	
H-18 22 13.9	
13.6N 120.8E	
h ABOUT 129KM	
COL EP	18 34 02.0
BMO E(P)	18 35 47.6
APR 12	
EUR E(P)	18 23 37.1
I	23 51.4
APR 12	
HHM EP	18 35 25.1
E	36 03.8
APR 12	
COL EP	19 04 30.0
APR 12	
ALQ IP	19 46 08.0
I	46 42.0
APR 12	
EUR EP	20 40 08.9
APR 12	
EUR E(P)	20 53 52.0
APR 12	
EUR E(P)	21 00 39.8
APR 12	
ALQ EP	21 07 02.5
APR 12	
H-21 13 46.1	
55.8N 163.0E	
h ABOUT 95KM	
COL IP	21 19 05.8
EUR EP	21 23 01.6
EPP	23 25.3
APR 12	
COL IP	21 22 36.0
APR 12	
EUR E C	22 08 06.4
APR 12	
NEW EP	22 19 17.0
IS	19 37.0
APR 12	
FGU IP	22 59 13.4
IL	59 37.0
APR 12	
H-23 15 29.0	
17.9S 168.0E	
h ABOUT 28KM	
SLD EP	23 28 09.5
COL IP	23 28 21.2
BCN EP	23 28 30.0
E	28 41.0

Date and Station	Phase	Phase (GCT) h m s
EUR	IP	23 28 31.6
	E	29 01.1
	EPP	32 09.3
BMO	EP	23 28 36.7
TUC	EP	23 28 38.6
APR 12		
FGU	IP D	23 28 02.3
	IL	28 34.0
APR 12		
H-23 37 38.7		
38.2S 073.1W		
h ABOUT 20KM		
BHP	IP C	23 46 12.0
	IS	53 08.0
SJG	EP	23 47 19.0
	E	47 38.0
	ES	55 00.0
CSC	E(P)	23 49 03.0
	E	49 29.0
	ES	58 20.0
WSC	E(P)	23 49 29.2
	I	49 52.9
TUC	EP	23 49 38.7
	ES	59 34.0
ALQ	IP	23 49 42.4
	I	50 51.0
GCA	EP	23 50 00.5
BCN	E(P)	23 50 02.2
	E	50 06.0
CED	EP	23 50 04.7
FGU	EP	23 50 15.5
	ES	00 00 47.0
EUR	EP C	23 50 22.0
	I	50 26.7
	I	50 50.9
	E	53 14.0
	ESKS	00 00 30.0
	E(S)	01 03.0
	EPKKP	08 26.5
	EP'P'	16 34.5
RCD	E(P)	23 50 22.0
SLD	EP	23 50 25.5
BMO	EP	23 50 49.1
HHM	EP	23 50 53.6
	I	51 18.1
NEW	EP	23 50 59.0
COL	EP'	23 56 23.0
GUA	EP'	23 57 06.0
APR 12		
BMO	E(P)	23 45 51.2

Date and Station	Phase	Phase (GCT) h m s
APR 13		
BMO	E(P)	00 07 02.7
APR 13		
FGU	E(P)	00 16 37.9
APR 13		
NEW	IP	00 19 11.8
	ES	19 34.0
APR 13		
H-00 31 56.7		
56.7N 152.2W		
h ABOUT 33KM		
COL	EP	00 33 57.5
	EL	36 49.0
BMO	E(P)	00 37 23.1
	E	38 57.9
EUR	IP	00 37 57.3
APR 13		
EUR	I(P)	00 39 26.9
APR 13		
COL	E(P)	00 44 25.8
APR 13		
H-00 54 42.7		
14.1N 092.5W		
h ABOUT 60KM		
TUC	IP	01 00 00.5
FGU	EP	01 00 51.0
	E	01 17.9
EUR	IP	01 01 11.2
BOZ	EP	01 01 33.5
BMO	EP	01 01 49.2
	E	02 15.8
COL	IP D	01 05 05.9
	IPCP	05 47.1
APR 13		
ALQ	IP	00 59 07.5
	I	59 54.0
APR 13		
HHM	EP	01 01 43.5
	E	02 00.5
APR 13		
BMO	E(P)	01 04 16.6
APR 13		
H-02 14 17.9		
00.9N 030.1E		
h ABOUT 17KM		
BOZ	EP'	02 33 17.5
BMO	EP'	02 33 22.9
APR 13		
COL	EP	02 59 57.0

Date and Station	Phase	Phase (GCT) h m s
APR 13		
H-03 00 20.5		
36.4N 070.8E		
h ABOUT 201KM		
COL	EP	03 11 39.0
APR 13		
H-03 35 16.7		
38.1S 073.1W		
h ABOUT 39KM		
BHP	EP C	03 43 48.0
SJG	IP C	03 44 53.0
WSC	I(P)	03 46 04.0
	I	46 12.5
CSC	EP	03 46 37.0
	ES	56 08.0
TUC	IP C	03 47 15.0
	ES	57 10.0
ALQ	IP	03 47 18.0
	IS	57 16.0
GCA	EP	03 47 38.7
CED	EP	03 47 39.8
BCN	EP	03 47 41.4
FGU	EP C	03 47 50.7
RCD	EP	03 47 54.2
	E	48 03.4
SLC	E(P)	03 47 56.0
	I	48 11.5
EUR	IP	03 47 58.0
SLD	EP	03 48 02.5
BOZ	EP	03 48 15.0
	E	48 22.0
	ES	59 06.0
BMO	EP	03 48 21.0
HHM	IP	03 48 28.5
NEW	EP	03 48 33.0
COL	EP'	03 53 58.0
APR 13		
SLD	IP C	04 12 16.0
	IS	12 25.3
APR 13		
EUR	EP	04 13 35.0
APR 13		
COL	EP	04 15 37.0
APR 13		
H-04 27 54.9		
23.6S 179.8W		
h ABOUT 549KM		
SLD	IP D	04 39 18.1

Date and Station	Phase	Phase (GCT) h m s
BCN	IP D	04 39 36.0
	E▸P	41 36.0
TUC	IP	04 39 40.1
	I▸P	41 39.0
EUR	IP	04 39 40.8
GCA	IP D	04 39 48.7
	E▸P	41 52.5
BMO	EP	04 39 50.9
SLC	IP	04 39 56.6
ALQ	IP	04 39 59.5
	I▸P	42 04.0
NEW	IP	04 40 00.5
COL	IP	04 40 02.3
	E▸P	42 03.7
FGU	IP D	04 40 03.8
	E	41 48.5
HHM	EP	04 40 07.5
BOZ	EP	04 40 08.5
	E▸P	42 10.0
APR 13		
HHM	IP	04 57 19.0
BMO	E(P)	04 57 27.0
APR 13		
BMO	EP	05 01 04.0
APR 13		
BMO	EP	05 42 14.1
APR 13		
H-05 58 02.1		
44.2N 107.1W		
h ABOUT 33KM		
BOZ	E(P)	05 58 57.0
	IL	59 52.0
FGU	IP C	05 58 58.2
	I	59 00.5
	IL	59 47.0
HHM	E(P)	05 59 57.5
	E	06 00 28.0
	EL	01 17.6
APR 13		
ALQ	EP	06 06 29.0
APR 13		
BMO	EP	06 17 37.5
APR 13		
COL	EP	06 52 37.0
APR 13		
EUR	IP	07 04 29.1
APR 13		
EUR	EP	08 28 47.1

Date and Station	Phase (GCT)
	h m s
APR 13	
EUR IP	09 09 42.0
APR 13	
H-09 10 54.0	
38.3S 073.5W	
h ABOUT 12KM	
TUC E(P)	09 22 56.0
ALQ EP	09 23 00.0
FGU E(P)	09 23 30.1
EUR IP	09 23 39.8
BMO E(P)	09 24 02.4
HHM E(P)	09 24 09.0
APR 13	
FGU E(P)	09 23 00.2
APR 13	
GCA IP C	09 36 36.6
BCN IP	09 37 04.8
IL	37 35.5
EUR EP	09 37 16.8
APR 13	
BMO EP	09 57 53.9
COL IP	09 58 43.7
APR 13	
H-11 17 50.9	
54.0N 166.3W	
h ABOUT 33KM	
COL EP	11 21 13.0
EUR IP	11 24 55.2
APR 13	
EUR EP	12 11 53.0
APR 13	
BMO EP	12 30 39.6
APR 13	
COL EP	12 44 56.0
APR 13	
TUC EP	12 49 56.0
EL	51 56.0
ALQ EP	12 50 40.5
BCN EP	12 51 03.7
EL	54 35.0
GCA EP	12 51 06.0
EL	54 26.0
EUR IP	12 51 52.3
FGU EL	12 56 28.8
BMO EP	12 52 54.0
HHM EP	12 53 19.5

Date and Station	Phase (GCT)
	h m s
APR 13	
H-13 07 35.5	
25.5N 109.3W	
h ABOUT 27KM	
TUC E(P)	13 09 12.7
EL	11 10.0
ALQ IP	13 09 56.5
I	12 43.5
BCN EP	13 10 21.0
EL	13 38.5
GCA EP	13 10 29.5
EL	13 42.0
EUR EP	13 11 09.0
EL	15 45.5
FGU EP	13 11 12.0
EL	15 46.0
SLD EP	13 11 13.5
BOZ EP	13 12 10.0
BMO EP	13 12 12.3
HHM IP	13 12 40.5
NEW EP	13 12 44.0
E	13 02.0
COL EP	13 16 05.0
APR 13	
COL EP	13 30 13.0
APR 13	
BMO E(P)	14 35 08.9
APR 13	
COL EP	15 05 52.0
APR 13	
COL EP	15 54 46.0
APR 13	
COL EP	19 29 06.0
APR 13	
EUR IP	19 33 26.0
APR 13	
ALQ IP	19 44 22.0
I	44 57.4
APR 13	
BMO EP	20 17 02.4
APR 13	
FGU IP C	20 17 52.5
IS	18 13.3
APR 13	
HHM EP	21 29 38.2
APR 13	
ALQ IP	21 38 16.5
I	38 40.5

Date and Station	Phase (GCT)
	h m s
APR 13	
HHM EP	21 45 20.5
E	46 02.5
APR 13	
COL IP	22 26 12.0
APR 13	
ALQ EP	22 28 14.0
I	28 42.0
APR 13	
GCA EP	23 28 43.2
APR 13	
BMO EP	23 31 41.4
APR 14	
COL EP	00 18 09.6
HHM EP	00 20 43.3
BMO EP	00 20 44.8
EUR IP	00 21 08.6
APR 14	
COL EP	00 36 19.0
APR 14	
KIP IP	00 36 58.6
I	37 09.0
APR 14	
BMO IP	01 30 43.3
APR 14	
FGU EP	02 02 49.0
ES	03 12.0
APR 14	
H-02 10 32.8	
13.1N 144.9E	
h ABOUT 50KM	
GUA IP	02 10 44.0
ES	10 52.0
COL IP	02 21 30.2
NEW IP	02 23 07.1
E	23 24.0
BMO EP	02 23 10.9
HHM IP	02 23 17.7
I	23 23.8
EUR IP	02 23 23.0
BOZ EP	02 23 28.0
E	24 08.0
APR 14	
H-02 48 06.7	
08.1N 077.6W	
h ABOUT 78KM	
BHP IP D	02 48 41.0
IS	49 06.0
ALQ EP	02 55 15.0
BOZ EP	02 56 36.0

Date and Station	Phase (GCT)
	h m s
APR 14	
COL EP	04 21 05.0
APR 14	
COL E(P)	04 27 24.6
APR 14	
GUA E(P)	05 21 13.0
E(S)	21 22.0
APR 14	
BMO E(P)	05 33 39.1
APR 14	
H-05 35 10.6	
14.5N 093.2W	
h ABOUT 33KM	
TUC EP	05 40 25.8
E	40 46.0
FGU EP	05 41 18.0
E	41 38.8
EUR IP	05 41 37.3
BOZ E(P)	05 42 02.5
E	42 22.0
BMO E(P)	05 42 14.8
APR 14	
COL EP	05 45 51.5
APR 14	
SLD IP D	06 15 36.4
IS	15 45.0
APR 14	
EUR E(P)	06 16 51.7
I	17 04.6
IL	18 03.2
APR 14	
H-06 19 13.9	
25.0S 064.5W	
h ABOUT 27KM	
SJG IP	06 27 09.0
I▸P	27 17.0
ALQ IP	06 30 35.0
I▸P	30 43.0
TUC EP	06 30 37.7
E▸P	30 46.0
BCN IP	06 31 07.0
I▸P	31 15.5
RCD EP	06 31 07.7
E▸P	31 16.0
CED EP	06 31 09.3
E▸P	31 18.1
FGU EP C	06 31 10.0
E▸P	31 19.4
SLC IP	06 31 16.4
I▸P	31 24.9
EUR IP	06 31 24.0

Date and Station	Phase	Phase (GCT) h m s
SLD	EP	06 31 31.5
BOZ	EP	06 31 34.5
	I▸P	31 43.2
BMO	EP	06 31 46.1
HHM	IP	06 31 49.3
	I▸P	32 58.8
NEW	EP	06 31 56.0
APR 14		
CED	IP	06 45 45.9
	IS	45 47.5
APR 14		
H-06 54 34.6		
14.4N 093.4W		
h ABOUT 33KM		
TUC	EP	06 59 47.5
APR 14		
H-06 57 45.9		
11.8N 087.5W		
h ABOUT 33KM		
BMO	EP	07 05 32.3
APR 14		
EUR	EP	07 47 18.9
APR 14		
H-08 08 01.4		
5.2S 141.5E		
h ABOUT 15KM		
COL	EP	08 20 44.0
APR 14		
COL	IP	08 12 19.0
APR 14		
GUA	IP	08 47 58.0
	IS	48 07.0
APR 14		
H-09 46 56.7		
13.5N 144.5E		
h ABOUT 86KM		
GUA	IP	09 47 11.0
	ES	47 23.0
NEW	EP	09 59 27.0
BMO	EP	09 59 30.8
EUR	IP	09 59 43.0
APR 14		
H-10 29 59.6		
14.0N 144.9E		
h ABOUT 33KM		
GUA	IP	10 30 09.0
	IS	30 17.0
NEW	EP	10 42 32.0
BMO	EP	10 42 35.8
EUR	IP	10 42 48.2
BOZ	EP	10 42 53.5
APR 14		
GUA	IP	10 35 17.0
	IS	35 26.0
APR 14		
BMO	E(P)	10 47 45.3
APR 14		
COL	EP	11 20 45.0
APR 14		
COL	EP	11 21 18.9
APR 14		
COL	EP	11 23 04.1
APR 14		
H-12 43 20.0		
15.0N 093.3W		
h ABOUT 46KM		
TUC	EP	12 48 29.7
FGU	EP	12 49 21.0
BMO	E(P)	12 50 18.8
HHM	EP	12 50 26.1
APR 14		
H-13 55 12.2		
39.0N 070.5E		
h ABOUT 4KM		
COL	EP	14 06 41.2
APR 14		
COL	EP	14 06 15.0
APR 14		
H-14 13 43.1		
37.2N 116.4W		
h ABOUT 0KM		
BCN	IP C	14 14 15.7
EUR	IP	14 14 22.3
CED	IP C	14 14 33.3
SLD	IP C	14 14 43.5
	I	14 52.0
	I	14 53.7
	IL	15 46.0
SLC	IP	14 15 02.7
	I	15 18.6
UKI	E(P)	14 15 17.0
TUC	IP C	14 15 24.6
	EL	17 28.0
FGU	IP C	14 15 25.0
	EL	17 04.0
BMO	EP	14 15 38.5
ALQ	IP	14 15 47.0
	IL	18 11.5
BOZ	EP	14 16 01.5
	E	16 27.5
	EL	18 38.0
NEW	IP	14 16 27.1
	EL	19 31.0
HHM	IP	14 16 29.0
RCD	EP	14 16 38.0
	EL	20 08.0
COL	IP	14 20 23.7
SJG	IP D	14 22 24.1
APR 14		
COL	IP	14 23 04.5
APR 14		
H-15 07 29.5		
37.0N 107.0W		
h ABOUT 5KM		
ALQ	IP	15 08 06.0
	IL	08 33.0
BCN	E(P)	15 09 16.3
	I	09 29.2
	IL	10 52.0
EUR	EP	15 09 22.7
	IL	11 25.2
TUC	E(P)	15 09 12.5
APR 14		
H-16 33 29.4		
04.8N 096.2E		
h ABOUT 36KM		
EUR	IP'	16 52 28.2
APR 14		
COL	EP	16 33 32.0
APR 14		
GUA	EP	16 40 38.7
	ES	40 47.0
APR 14		
BCN	E(P)	16 52 19.3
APR 14		
SJG	IP	17 10 19.0
	IL	10 49.0
APR 14		
COL	E(P)	17 19 45.9
APR 14		
COL	EP	17 40 21.0
APR 14		
COL	IP	17 43 22.0
HHM	EP	17 46 02.3
	E	46 34.8
BMO	EP	17 46 23.1
APR 14		
H-18 00 55.4		
34.1N 117.4W		
h ABOUT 8KM		
CED	I(P)	18 01 00.3
	IS	01 01.8
APR 14		
TUC	E(P)	18 06 39.3
APR 14		
EUR	E(P)	18 25 27.8
	E	27 24.0
APR 14		
EUR	IP	18 44 08.2
APR 14		
SJG	E(P)	18 49 24.6
	I	49 29.5
APR 14		
H-18 51 43.0		
34.5N 023.8E		
h ABOUT 14KM		
COL	EP	19 03 59.0
BOZ	E(P)	19 04 41.0
HHM	EP	19 04 41.8
NEW	EP	19 04 46.0
BMO	EP	19 05 00.8
APR 14		
H-19 16 00.8		
03.8S 151.4E		
h ABOUT 33KM		
GUA	EP	19 20 14.0
	ES	23 51.0
COL	EP	19 28 15.0
BMO	E(P)	19 29 16.6
EUR	E(P)	19 29 20.0
NEW	E(P)	19 29 23.0
HHM	EP	19 29 27.8
APR 14		
ALQ	IP	20 15 21.0
APR 14		
COL	E(P)	20 24 51.6
APR 14		
H-21 06 14.4		
38.9N 070.6E		
h ABOUT 12KM		
COL	IP C	21 17 40.6
	E	19 29.0
NEW	EP	21 19 30.0
BOZ	EP	21 19 43.5

Date and Station	Phase (GCT)
	h m s
BMO E(P)	21 19 43.6
E	20 01.5
APR 14	
ALQ IP	21 10 47.5
IS	11 20.5
APR 14	
EUR IP	21 50 20.9
APR 14	
COL EP	22 00 37.0
APR 14	
H-22 11 18.3	
15.5N 096.4W	
h ABOUT 33KM	
ALQ IP	22 16 04.8
COL EP	22 21 24.3
APR 14	
HHM EP	22 16 17.3
E	22 44.7
BMO EPG	22 16 31.7
APR 14	
UKI E(P)	22 43 18.5
APR 14	
H-22 50 36.6	
31.6N 141.6E	
h ABOUT 33KM	
COL EP	22 59 59.0
BMO EP	23 02 18.6
HHM EP	23 02 21.0
EUR E(P)	23 02 38.8
FGU EP	23 02 57.0
APR 14	
EUR E(P)	23 23 56.7
EL	34 45.4
APR 15	
NEW E(P)	00 05 16.0
APR 15	
COL EP	00 18 34.3
APR 15	
H-00 24 57.6	
18.7N 120.7E	
h ABOUT 66KM	
COL IP	00 36 26.3
HHM EP	00 38 27.4
BMO EP	00 38 27.5
EUR EP	00 38 46.5
APR 15	
COL E(P)	01 07 04.6

Date and Station	Phase (GCT)
	h m s
APR 15	
FGU IP D	01 31 35.5
IL	32 08.0
APR 15	
KIP EP	01 32 23.0
APR 15	
NEW EP	01 45 17.0
ES	45 32.0
HHM EP	01 45 38.0
I	46 00.2
APR 15	
H-03 08 15.2	
00.8N 030.1E	
h ABOUT 26KM	
HHM EP'	03 27 10.4
BOZ EP'	03 27 13.0
FGU EP'	03 27 15.3
BMO IP'	03 27 18.5
EUR IP'	03 27 26.0
BCN EP'	03 27 30.0
APR 15	
COL EP	03 33 38.0
APR 15	
H-03 39 14.4	
00.1S 124.1E	
h ABOUT 161KM	
COL E(P)	03 51 53.2
EUR EP'	03 57 36.5
BOZ EP'	03 57 37.0
APR 15	
ALQ EP	04 14 19.6
APR 15	
BMO EP	04 57 02.8
EUR EP	04 57 26.5
APR 15	
H-04 58 06.8	
51.1N 174.8E	
h ABOUT 40KM	
COL EP	05 03 16.0
NEW EP	05 06 02.0
HHM EP	05 06 15.4
E▸P	06 26.4
BMO EP	05 06 15.8
E	06 26.3
BOZ IP	05 06 38.0
EUR EP	05 06 47.3
I	07 11.2
FGU EP	05 07 09.7

Date and Station	Phase (GCT)
	h m s
APR 15	
BOZ EP	05 02 13.0
BMO EP	05 02 14.8
E	02 24.3
APR 15	
H-06 01 27.3	
31.7N 142.1E	
h ABOUT 40KM	
COL EP	06 10 46.0
BMO EP	06 13 07.1
E▸P	13 19.2
HHM EP	06 13 08.4
BOZ EP	06 13 24.0
E▸P	13 36.5
EUR E(P)	06 13 28.1
FGU EP	06 13 45.0
E▸P	13 58.5
APR 15	
H-06 34 31.1	
21.7S 174.4W	
h ABOUT 51KM	
EUR E(P)	06 46 51.3
BMO EP	06 46 57.1
E▸P	47 11.4
ALQ E(P)	06 47 09.6
BOZ E(P)	06 47 17.0
E	47 29.5
COL IP	06 47 19.2
APR 15	
H-06 43 00.1	
05.0N 082.5W	
h ABOUT 37KM	
BHP IP D	06 44 14.5
IS	45 06.0
SJG EP	06 47 40.0
ALQ IP	06 50 10.5
TUC EP	06 50 16.4
GCA EP	06 50 47.5
BCN EP	06 50 58.0
FGU IP C	06 50 59.5
SLC EP	06 51 09.3
EUR IP	06 51 20.5
BMO EP	06 51 51.7
E	52 07.6
HHM EP	06 52 00.1
E	52 15.6
COL EP	06 54 40.0

Date and Station	Phase (GCT)
	h m s
APR 15	
COL E(P)	06 58 38.7
APR 15	
COL EP	07 57 27.6
BMO E(P)	08 00 15.9
BOZ EP	08 00 21.0
E	00 32.6
APR 15	
COL EP	08 38 34.0
APR 15	
ALQ E(P)	08 44 09.0
APR 15	
HHM E(P)	08 44 32.3
BMO EP	08 45 25.3
APR 15	
EUR EP	09 01 05.8
APR 15	
CED IP	09 53 56.7
IS	53 58.7
APR 15	
H-10 14 58.7	
02.9S 080.4W	
h ABOUT 37KM	
ALQ EP	10 23 13.0
APR 15	
COL EP	10 30 10.0
APR 15	
BMO E(P)	10 42 16.4
APR 15	
CED E(P)	10 55 49.0
EL	56 27.2
TUC E(P)	10 56 16.3
APR 15	
SJG IP	11 05 20.5
IS	05 35.2
APR 15	
COL EP	11 07 21.7
BMO EP	11 09 56.7
FGU EP	11 10 28.0
APR 15	
ALQ IP	12 15 13.4
IS	15 41.0
GCA EP	12 15 36.5
I	15 44.5
EL	16 27.5
APR 15	
COL IP	13 11 48.0
BMO E(P)	13 15 11.4
EUR IP	13 15 46.2

Date and Station	Phase	Phase (GCT) h m s
APR 15		
BCN	IP D	14 34 59.6
	IS	35 00.5
APR 15		
SJG	IP	15 11 58.7
	IS	12 09.5
APR 15		
COL	EP	15 27 10.0
APR 15		
BCN	IP D	16 43 25.0
	IS	43 26.0
APR 15		
HHM	E(P)	17 11 39.7
	E	12 07.4
APR 15		
H-17 19 18.4		
37.0N 121.4W		
h ABOUT 10KM		
SLD	I(P)	17 19 22.9
	IS	19 26.7
EUR	E(P)	17 20 51.5
	EL	21 56.0
APR 15		
ALQ	IP	17 31 55.0
	I	32 29.5
HHM	E(P)	17 33 48.4
	E	34 31.9
APR 15		
H-17 59 33.8		
36.7N 141.0E		
h ABOUT 40KM		
COL	IP	18 08 23.0
HHM	E(P)	18 10 49.9
	EPCP	11 13.9
BMO	EP	18 10 57.6
	E	11 10.7
BOZ	IP	18 11 14.5
	E	11 21.4
EUR	EP	18 11 21.0
	I▸P	11 33.6
	I	11 52.5
TUC	E(P)	18 12 02.0
APR 15		
EUR	EP	18 31 42.1
APR 15		
EUR	IP	18 35 22.1
APR 15		
BCN	IP C	19 11 32.0
	IS	11 44.5
APR 15		
SLD	IP D	19 51 06.0
	ES	51 13.7
APR 15		
EUR	IP	19 52 32.0
APR 15		
ALQ	IP	20 06 49.5
	I	07 21.0
APR 15		
H-20 31 01.0		
31.9N 068.9E		
h ABOUT 40KM		
COL	E(P)	20 43 04.5
APR 15		
ALQ	EP	21 12 03.5
APR 15		
COL	EP	21 32 10.0
APR 15		
COL	IP	21 55 35.5
APR 15		
SLC	EP	21 59 19.8
	I	59 20.0
	I	59 36.7
EUR	IP	21 59 57.5
BMO	E(P)	22 00 57.2
APR 15		
HHM	EP	22 30 35.9
	EL	31 11.4
APR 15		
ALQ	IP	22 52 04.0
	I	52 29.5
APR 15		
SJG	EP	23 21 14.5
	IL	21 37.0
APR 15		
ALQ	IP	23 26 59.0
APR 15		
EUR	EP	23 45 50.7
APR 16		
H-00 02 50.0		
5.8N 082.6W		
h ABOUT 46KM		
BHP	EP	00 03 54.8
	I	03 56.0
SJG	EP	00 07 23.5
APR 16		
BMO	E(P)	00 32 33.4
APR 16		
EUR	EP	00 42 14.6
APR 16		
COL	EP	00 46 47.0
APR 16		
COL	IP	01 19 16.0
APR 16		
H-01 27 13.5		
56.9N 153.6W		
h ABOUT 23KM		
COL	I(P)	01 29 15.6
NEW	IP	01 32 24.2
	ESCP	39 44.0
HHM	IP	01 32 39.0
	I	32 49.8
	EPCP	36 16.5
	ES	36 54.5
	ISCP	39 48.2
BMO	EP	01 32 42.6
	E	32 57.5
	ESCP	39 49.4
BOZ	EP	01 33 06.0
	I	33 17.0
	ISCP	39 56.5
SLD	EP	01 33 16.0
	I	33 27.5
	ESCP	40 02.0
EUR	IP D	01 33 23.2
	I	33 31.5
	EPCP	36 32.2
	E	37 27.0
	ISCP	40 04.3
SLC	EP	01 33 33.1
FGU	EP D	01 33 44.0
	ISCP	40 11.5
BCN	IP D	01 33 52.0
	ISCP	40 15.5
	EL	44 34.0
CED	EP	01 33 53.0
RCD	EP	01 33 56.0
	E	34 17.5
	ES	39 18.0
GCA	EP	01 33 59.8
KIP	IP	01 34 10.9
	ES	39 49.0
HON	IP	01 34 11.3
	IS	39 52.0
TUC	IP D	01 34 34.0
	ES	40 30.0
ALQ	IP	01 34 35.5
	IS	40 34.0
WSC	I(P)	01 36 16.4
	E	36 30.0
CSC	EP	01 36 29.0
	E	36 47.5
	E	45 52.0
SJG	IP	01 38 45.9
	ES	48 13.0
	E	57 20.0
BHP	E(P)	01 38 54.0
APR 16		
APR 16		
H-02 10 59.7		
21.1S 066.9W		
h ABOUT 166KM		
ALQ	EP	02 21 37.0
TUC	E(P)	02 21 41.0
BOZ	EP	02 22 43.0
BMO	EP	02 22 53.3
HHM	E(P)	02 23 02.5
APR 16		
H-02 24 33.6		
00.1S 123.0E		
h ABOUT 207KM		
COL	IP	02 37 09.1
BMO	EP'	02 42 44.5
EUR	EP'	02 42 51.0
	E▸P'	43 40.0
BOZ	IP'	02 42 52.5
	E▸P'	43 46.5
TUC	IP'	02 43 04.5
ALQ	IP'	02 43 08.2
APR 16		
SJG	EP	02 44 51.5
	E	44 58.5
APR 16		
H-04 40 44.6		
57.0N 153.8W		
h ABOUT 33KM		
COL	IP	04 42 46.5
HHM	EP	04 46 09.2
BMO	EP	04 46 13.0
	E	46 21.7
EUR	IP	04 46 53.2
APR 16		
COL	E(P)	05 13 40.0
APR 16		
BMO	E(P)	05 15 15.5
APR 16		
GUA	IP	06 05 17.0
APR 16		
BMO	EP	06 17 35.6
APR 16		
H-07 12 36.7		
18.3N 062.0W		
h ABOUT 28KM		
SJG	EP	07 13 37.2
	IL	14 25.0

Date and Station	Phase (GCT)
	h m s
CSC EP	07 17 40.7
E	17 56.0
ALQ IP	07 20 33.5
RCD EP	07 20 36.1
E	20 49.0
TUC EP	07 21 00.0
E	21 12.0
FGU EP	07 21 01.0
SLC EP	07 21 17.4
E	21 31.3
BOZ EP	07 21 24.0
EUR IP	07 21 39.8
BCN E(P)	07 21 40.5
HHM EP	07 21 47.5
BMO EP	07 21 52.2
E	22 04.8
NEW IP	07 21 56.4
COL EP	07 23 59.0
APR 16	
BOZ E(P)	07 35 23.5
APR 16	
COL E(P)	08 33 10.6
APR 16	
COL E(P)	08 34 21.0
E	35 51.0
APR 16	
BOZ EP	08 37 02.0
APR 16	
BOZ E(P)	08 45 49.0
APR 16	
H-10 13 25.6	
35.0N 141.7E	
h ABOUT 39KM	
GUA EP	10 18 14.0
ES	22 09.0
BRW E(P)	10 22 05.0
I▸P	22 16.4
COL EP	10 22 20.0
NEW IP	10 24 43.9
HHM E(P)	10 24 53.0
E	25 18.5
BMO EP	10 24 54.5
EPCP	25 07.7
SLD EP	10 25 04.2
BOZ EP	10 25 11.5
EUR IP	10 25 16.5

Date and Station	Phase (GCT)
	h m s
SLC EP	10 25 26.5
E	25 36.0
BCN EP	10 25 31.4
FGU EP	10 25 33.9
GCA EP	10 25 39.5
RCD E(P)	10 25 52.5
TUC EP	10 25 56.7
ALQ IP	10 26 02.6
APR 16	
COL E(P)	10 45 20.0
E	46 08.7
APR 16	
CSC EP	11 28 47.0
APR 16	
GUA EP	11 37 27.0
APR 16	
H-11 31 59.2	
19.0N 070.5W	
h ABOUT 27KM	
SJG IP D	11 33 04.8
IL	33 58.0
BHP EP	11 35 10.2
I	35 15.7
I	35 21.8
WSC I(P)	11 36 43.2
E	36 50.0
I(S)	40 19.8
ALQ IP	11 38 57.5
RCD EP	11 39 11.0
TUC E(P)	11 39 28.5
FGU EP	11 39 31.5
EPCP	41 36.5
E	41 45.9
BOZ EP	11 40 02.0
I	40 07.0
BCN E(P)	11 40 02.7
E▸P	40 11.0
EUR EP	11 40 08.5
E	40 14.3
IPCP	41 52.6
I	42 00.9
HHM EP	11 40 20.0
I▸P	40 27.0
BMO E(P)	11 40 33.3
E	40 46.6
NEW EP	11 40 34.0
SLD E(P)	11 40 42.5
COL IP	11 42 54.0

Date and Station	Phase (GCT)
	h m s
APR 16	
TUC E(P)	12 54 28.5
APR 16	
H-13 10 10.6	
37.7N 113.8W	
h ABOUT 33KM	
GCA EP C	13 10 42.0
I	10 43.8
IS	11 06.3
BCN E(P)	13 10 43.7
EL	11 15.0
EUR IP	13 10 48.0
APR 16	
H-13 10 14.3	
56.9N 153.7W	
h ABOUT 33KM	
COL EP	13 12 16.7
HHM E(P)	13 15 36.5
BMO E(P)	13 15 44.4
EUR EP	13 16 22.0
APR 16	
H-13 21 40.0	
12.3N 088.4W	
h ABOUT 33KM	
FGU EP	13 28 22.5
BOZ EP	13 29 03.5
BMO E(P)	13 29 19.2
HHM EP	13 29 28.5
COL EP	13 32 25.4
APR 16	
CED IP	13 48 18.5
IS	48 28.0
APR 16	
CED EP	14 11 24.8
ES	11 47.0
EUR EP	14 12 19.2
APR 16	
BMO E(P)	14 35 02.9
APR 16	
H-14 43 18.0	
00.8N 029.9E	
h ABOUT 11KM	
HHM EP'	15 02 15.9
BOZ IP'	15 02 18.5
BMO EP'	15 02 23.3
ALQ EP'	15 02 23.5
EUR IP'	15 02 30.5
TUC EP'	15 02 32.2

Date and Station	Phase (GCT)
	h m s
BCN EP'	15 02 35.0
APR 16	
BMO EP	15 19 23.3
APR 16	
H-15 23 28.5	
21.2S 178.5W	
h ABOUT 500KM	
SLD IP D	15 34 42.9
E▸P	36 32.5
CED EP	15 34 47.5
BCN IP D	15 35 02.0
E▸P	36 52.1
EUR IP	15 35 06.4
E▸P	36 56.9
I▸P	37 41.0
TUC IP D	15 35 06.7
E▸P	36 58.0
GCA IP D	15 35 15.0
E▸P	37 05.5
BMO EP	15 35 16.8
E▸P	37 06.2
NEW IP	15 35 26.3
ALQ IP	15 35 26.8
I▸P	37 16.0
COL IP D	15 35 28.4
I	36 45.2
E▸P	37 22.1
HHM IP	15 35 33.5
BOZ IP D	15 35 35.0
BRW IP	15 35 49.8
E	36 05.6
SJG EP'	15 41 15.0
APR 16	
COL EP	15 26 23.0
EUR IP	15 30 02.8
I	30 50.6
APR 16	
EUR E(P)	15 39 40.2
E	40 17.9
APR 16	
EUR EP	16 01 28.2
COL E(P)	16 02 50.5
APR 16	
SJG EP	17 04 38.0
IL	05 27.6
APR 16	
H-19 12 54.3	
20.5S 069.4W	
h ABOUT 101KM	
EUR E(P)	19 24 20.5

Date and Station	Phase	Phase (GCT) h m s
APR 16		
KIP	EP	19 29 19.5
APR 16		
ALQ	EP	19 55 32.0
APR 16		
BCN	EP	19 58 24.0
	ES	58 42.3
EUR	IP	19 58 36.0
	EL	59 06.2
APR 16		
HHM	E(P)	21 16 30.0
	E	17 05.9
APR 16		
NEW	EP	21 22 30.0
APR 16		
SJG	IP D	21 57 18.3
	IS	57 23.0
APR 16		
ALQ	IP	22 30 29.0
	I	31 09.2
APR 16		
H-22 49 38.9		
56.7N 136.2W		
h ABOUT 5KM		
SIT	IP	22 49 50.4
COL	EP	22 52 05.5
	EL	55 16.0
NEW	EP	22 53 05.0
	EL	57 01.0
HHM	IP	22 53 27.9
	EL	57 48.0
BMO	EP	22 53 35.6
	E	53 57.2
BOZ	EP	22 54 03.0
	EL	59 24.0
EUR	IP	22 54 33.6
SLD	E(P)	22 54 37.0
APR 16		
SIT	IP	22 55 42.6
APR 16		
SIT	IP	22 57 07.6
APR 16		
SIT	IP	23 03 21.6
APR 16		
SIT	IP	23 13 40.4
APR 16		
BMO	EP	23 40 48.6
EUR	E(P)	23 41 00.7
APR 17		
H-00 35 09.0		
18.0S 178.4W		
h ABOUT 599KM		
EUR	EP	00 46 27.5
COL	EP	00 46 46.0
ALQ	E(P)	00 46 46.5
APR 17		
H-00 38 37.0		
20.7S 068.1W		
h ABOUT 62KM		
ALQ	EP D	00 49 20.0
	E	49 48.0
TUC	E(P)	00 49 21.0
EUR	EP	00 50 12.6
BOZ	EP	00 50 24.5
BMO	EP	00 50 37.0
	E	51 07.0
APR 17		
HHM	E(P)	01 12 18.2
APR 17		
H-01 21 39.6		
36.6N 138.3E		
h ABOUT 33KM		
COL	EP	01 30 38.2
BOZ	EP	01 33 30.0
EUR	EP	01 33 36.7
APR 17		
KIP	E	01 29 51.4
APR 17		
HHM	E(P)	01 50 26.9
BMO	E(P)	01 51 06.5
EUR	EP	01 51 26.2
ALQ	IP	01 51 50.0
APR 17		
H-02 14 58.5		
17.9S 178.3W		
h ABOUT 555KM		
EUR	E(P)	02 26 19.4
COL	E(P)	02 26 37.7
APR 17		
H-02 33 31.2		
15.8S 176.8W		
h ABOUT 430KM		
COL	IP	02 45 12.7
APR 17		
NEW	EP	02 56 22.0
	IS	56 46.0
HHM	E(P)	02 56 28.7
	E(L)	57 11.7
BOZ	E(P)	02 56 44.0
	EL	57 39.0
APR 17		
ALQ	EP	04 05 17.0
APR 17		
HHM	EP	05 12 49.2
BMO	EP	05 12 53.8
BOZ	EP	05 13 04.0
EUR	E(P)	05 13 10.0
COL	EP	05 16 56.5
APR 17		
H-05 28 09.8		
33.6N 141.1E		
h ABOUT 74KM		
GUA	EP	05 32 42.0
COL	E(P)	05 37 22.0
BMO	E(P)	05 39 42.5
	E	39 51.0
HHM	E(P)	05 39 45.7
BOZ	EP	05 39 58.0
EUR	I(P)	05 40 08.8
APR 17		
H-05 59 46.2		
20.7N 122.0E		
h ABOUT 194KM		
BRW	EP	06 10 25.2
COL	IP	06 10 47.5
APR 17		
H-06 38 05.6		
15.2S 173.1W		
h ABOUT 30KM		
TUC	E(P)	06 49 52.5
EUR	EP	06 49 55.4
GCA	E(P)	06 50 03.0
BMO	EP	06 50 04.3
ALQ	EP	06 50 17.2
COL	EP	06 50 23.0
BOZ	EP	06 50 25.0
	E	50 32.5
APR 17		
H-06 46 58.5		
36.7N 138.0E		
h ABOUT 33KM		
BRW	E(P)	06 55 32.9
BMO	EP	06 58 33.8
	E	58 43.2
HHM	E(P)	06 58 41.6
BOZ	EP	06 58 49.5
EUR	EP	06 58 56.8
APR 17		
H-07 04 19.5		
37.4N 118.6W		
h ABOUT 23KM		
SLD	IP C	07 04 55.0
	ES	05 23.0
EUR	EP	07 05 04.9
	I	05 10.0
BCN	EP	07 05 11.6
	I	05 18.4
	IL	06 03.6
CED	E(P)	07 05 12.8
	I	05 19.0
	IL	06 02.0
GCA	E(P)	07 05 48.3
	E	06 02.5
	EL	07 13.0
SLC	E(P)	07 06 16.7
BMO	E(P)	07 06 16.2
TUC	EP	07 06 18.7
ALQ	E(P)	07 07 24.8
APR 17		
H-07 20 20.6		
37.5N 118.5W		
h ABOUT 33KM		
SLD	EP	07 20 56.0
	ES	21 23.5
EUR	EP	07 21 11.0
	EL	21 51.8
APR 17		
COL	EP	09 36 55.0
APR 17		
SLC	EP	09 40 28.2
	ES	40 44.7
EUR	EP	09 40 49.5
	EL	41 23.5
BOZ	E(P)	09 41 19.0
	EL	42 18.5
APR 17		
HHM	E(P)	09 43 46.2
NEW	EP	09 44 05.0
APR 17		
EUR	EP	09 49 35.2

Date and Station	Phase (GCT)
	h m s
APR 17	
H-09 58 57.5	
40.9N 113.3W	
h ABOUT 33KM	
SLC EP	09 59 15.4
EL	59 37.0
EUR IP	09 59 35.9
FGU E(P)	09 59 42.0
BOZ E(P)	10 00 11.5
APR 17	
BMO EP	11 24 40.2
APR 17	
BMO E(P)	11 50 03.2
APR 17	
COL EP	11 55 15.0
APR 17	
COL E(P)	12 10 14.5
BRW EP	12 10 16.2
APR 17	
BCN IP	12 16 35.6
IS	16 37.3
APR 17	
COL EP	12 49 34.1
APR 17	
COL EP	13 06 20.0
BRW E(P)	13 06 28.9
BMO E(P)	13 09 28.2
BOZ EP	13 09 39.2
E	09 51.0
EUR IP	13 09 49.1
I	10 01.0
APR 17	
BRW EP	13 20 31.0
COL EP	13 20 47.0
APR 17	
COL EP	13 24 28.0
APR 17	
H-14 01 56.7	
43.9N 087.9E	
h ABOUT 33KM	
COL E(P)	14 12 24.4
APR 17	
COL EP	15 17 28.0
APR 17	
BRW E(P)	16 06 02.2
COL IP	16 06 32.5

Date and Station	Phase (GCT)
	h m s
APR 17	
EUR EP	16 36 11.8
E	39 15.7
E(S)	42 49.8
APR 17	
H-16 46 50.6	
54.2N 133.5W	
h ABOUT 33KM	
SIT EP	16 47 36.0
NEW EP	16 49 40.0
EL	52 50.0
COL EP	16 49 53.4
E(S)	53 42.0
HHM IP	16 50 04.1
BMO EP	16 50 08.0
E	50 17.5
BOZ EP	16 50 40.2
EL	54 43.0
EUR EP	16 51 10.7
EL	57 49.5
SLC E(P)	16 51 21.9
E	51 39.5
BRW EP	16 51 23.2
EL	57 51.4
FGU EP	16 51 31.0
EL	57 51.0
RCD EP	16 51 44.8
BCN E(P)	16 51 54.3
GCA E(P)	16 51 59.0
ALQ E(P)	16 52 20.0
TUC E(P)	16 52 33.4
APR 17	
CSC EP	18 01 04.0
APR 17	
H-18 49 57.3	
63.8N 151.4W	
h ABOUT 47KM	
COL IP	18 50 27.9
I	50 31.6
IS	50 58.0
BRW EP	18 51 50.6
EL	54 19.1
APR 17	
H-19 01 01.5	
23.8S 065.8W	
h ABOUT 132KM	
BMO EP	19 13 13.3
APR 17	
NEW EP	19 03 47.0
IS	04 07.0

Date and Station	Phase (GCT)
	h m s
APR 17	
COL EP	19 16 02.2
BRW E(P)	19 16 47.3
APR 17	
COL EP	19 25 38.9
APR 17	
BRW EP	19 27 33.4
APR 17	
COL IP	20 28 46.7
APR 17	
ALQ EP	20 39 45.6
APR 17	
TUC E(P)	22 54 06.9
EUR EP	22 54 29.2
APR 17	
HHM E(P)	23 13 00.1
E	13 34.0
APR 17	
COL EP	23 59 10.0
APR 18	
COL EP	00 41 57.0
APR 18	
GCA E(P)	00 48 08.6
E	48 14.0
EL	48 43.1
EUR IP	00 48 25.0
EL	49 10.4
APR 18	
H-00 57 39.5	
19.6N 107.9W	
h ABOUT 33KM	
ALQ EP	01 01 21.5
EUR IP	01 02 21.9
APR 18	
BHP E(P)	01 03 25.0
APR 18	
GUA E	01 25 15.0
APR 18	
COL EP	04 37 11.5
APR 18	
COL EP	06 10 28.0
APR 18	
COL EP	06 11 56.0
APR 18	
H-06 49 30.0	
36.5N 118.3W	
h ABOUT 16KM	
SLD IP	06 50 09.5
IS	50 42.0
CED E(P)	06 50 11.4
EL	50 43.4

Date and Station	Phase (GCT)
	h m s
BCN E(P)	06 50 20.7
EL	50 58.0
EUR EP	06 50 25.1
I	50 35.5
IL	51 20.5
APR 18	
H-08 14 16.6	
12.9N 048.4E	
h ABOUT 33KM	
BRW EP D	08 27 34.2
EPP	31 24.8
COL EPP	08 32 16.0
EPKKP	44 15.0
HHM EP'	08 33 00.0
EPP	34 07.3
NEW IP'	08 33 02.0
EPP	34 17.0
BOZ IP'D	08 33 05.0
EPP	34 25.0
BMO EP'	08 33 07.5
EPP	34 41.0
FGU EP'	08 33 10.2
EUR IP'D	08 33 18.2
E	33 47.3
EPP	35 03.5
ALQ EP'D	08 33 19.8
E	33 21.5
GCA EP'	08 33 20.0
BCN EP'	08 33 24.8
SLD EP'	08 33 25.2
TUC EP'	08 33 27.0
APR 18	
BMO EP	08 50 03.5
APR 18	
H-09 08 12.7	
10.6S 161.6E	
h ABOUT 32KM	
COL IP	09 20 40.4
IL	41 16.5
BRW E(P)	09 20 51.6
EUR EP	09 21 15.3
I▸P	21 25.5
BMO EP	09 21 16.3
E▸P	21 26.2
NEW EP	09 21 19.0
BOZ EP	09 21 35.5
ALQ E(P)	09 21 43.0
APR 18	
BMO EP	09 08 34.0

Date and Station	Phase	Phase (GCT) h m s
APR 18		
H-09 21 19.3		
34.0N 116.6W		
h ABOUT 15KM		
CED	IP D	09 21 32.4
	IS	21 41.3
BCN	EP	09 21 59.7
	I	22 09.7
	IL	22 46.0
TUC	EP	09 22 39.6
	EL	24 03.5
EUR	EP	09 22 47.2
	I	23 02.6
	IL	24 13.0
ALQ	E(P)	09 23 25.0
APR 18		
H-09 59 21.8		
38.9N 021.5E		
h ABOUT 33KM		
BRW	E(P)	10 10 32.4
COL	E(P)	10 11 10.0
BMO	E(P)	10 12 13.1
	E	12 30.8
APR 18		
GUA	EP	10 02 27.0
APR 18		
BRW	EP	10 07 42.7
COL	EP	10 08 03.0
APR 18		
HHM	EP	10 10 23.0
BMO	E(P)	10 10 24.5
	E	10 52.8
EUR	E(P)	10 10 47.3
APR 18		
H-10 34 06.3		
20.1S 178.3W		
h ABOUT 559KM		
EUR	EP	10 45 34.9
BMO	EP	10 45 45.3
COL	IP	10 45 56.2
BRW	EP	10 46 17.7
APR 18		
H-11 55 46.3		
13.9N 144.5E		
h ABOUT 119KM		
GUA	IP	11 56 05.0
	IS	56 17.0
BMO	EP	12 08 14.2
	EpP	08 42.2
HHM	E(P)	12 08 20.0
EUR	IP	12 08 27.0
APR 18		
COL	EP	12 19 19.0
APR 18		
COL	EP	12 26 30.0
APR 18		
COL	E(P)	13 31 08.4
APR 18		
HHM	EP	14 34 24.5
APR 18		
H-15 07 33.5		
51.2N 179.7W		
h ABOUT 33KM		
COL	EP	15 12 20.0
BRW	EP	15 12 34.0
BMO	EP	15 15 16.2
	E	15 28.7
HHM	EP	15 15 17.0
BOZ	IP	15 15 40.2
EUR	IP	15 15 48.0
ALQ	E(P)	15 16 45.6
APR 18		
EUR	E(P)	16 21 52.0
APR 18		
SJG	E(P)	17 08 07.5
	EL	09 00.7
APR 18		
CSC	E(P)	17 13 03.0
APR 18		
COL	EP	17 43 10.0
APR 18		
COL	E(P)	18 09 37.0
BMO	E(P)	18 12 49.7
EUR	IP	18 13 17.7
APR 18		
GUA	EP	18 20 33.5
	ES	20 59.0
APR 18		
H-19 29 40.8		
34.5N 069.8E		
h ABOUT 55KM		
COL	EP	19 41 27.0
APR 18		
ALQ	IP	19 40 45.5
	I	41 20.0
APR 18		
ALQ	IP	19 51 06.5
	I	52 28.5
APR 18		
EUR	IP	20 19 30.5
BMO	EP	20 20 17.7
APR 18		
ALQ	IP	21 30 37.6
	I	31 07.5
APR 18		
EUR	IP	21 49 59.0
APR 18		
HHM	EP	22 15 25.8
	E	16 06.0
APR 18		
BCN	IP D	22 25 42.1
	IS	25 43.1
APR 18		
ALQ	IP	22 34 16.0
	I	34 56.0
APR 18		
H-22 35 18.8		
36.6N 138.1E		
h ABOUT 33KM		
BRW	EP	22 43 54.8
COL	E(P)	22 44 18.0
BMO	EP	22 46 54.5
HHM	E(P)	22 47 00.6
BOZ	EP	22 47 08.0
EUR	IP	22 47 17.1
APR 18		
BUT	EP	22 56 45.0
	E	57 11.0
BOZ	IP	22 56 52.6
	IL	57 18.0
EUR	E(P)	22 56 59.8
HHM	EP	22 57 12.0
	E	57 19.5
	E	58 21.0
NEW	EP	22 57 14.0
	E	57 28.0
	IS	58 26.0
APR 18		
BMO	EP	22 56 13.4
APR 18		
HHM	EP	23 20 35.5
	E	20 47.5
NEW	EP	23 20 41.0
	ES	20 57.0
APR 18		
EUR	EP	23 47 23.9
APR 19		
COL	IP	23 49 47.0
APR 19		
FGU	IP D	00 36 24.8
	IL	36 59.0
APR 19		
H-01 03 45.9		
16.2S 167.1E		
h ABOUT 57KM		
COL	E(P)	01 16 21.5
EUR	E(P)	01 16 39.5
APR 19		
H-01 13 38.7		
43.0N 045.7E		
h ABOUT 33KM		
COL	EP	01 25 02.1
APR 19		
EUR	EP	01 46 00.6
APR 19		
H-07 18 34.1		
28.0S 178.1W		
h ABOUT 215KM		
EUR	IP	07 31 04.0
BMO	EP	07 31 15.1
	EpP	32 10.0
COL	E(P)	07 31 40.0
APR 19		
H-08 21 09.0		
51.3N 176.8W		
h ABOUT 33KM		
COL	EP	08 25 43.0
BRW	EP	08 26 02.7
NEW	IP	08 28 23.3
BMO	E(P)	08 28 36.5
	E	29 30.0
HHM	EP	08 28 37.8
BOZ	IP	08 29 01.3
EUR	IP	08 29 08.5
APR 19		
BRW	EP	09 05 20.9
COL	EP	09 05 58.0
BMO	EP	09 08 34.0
APR 19		
H-09 48 07.6		
19.7S 175.9W		
h ABOUT 149KM		
BMO	E(P)	10 00 27.8
	E	00 37.0
APR 19		
H-09 51 29.7		
24.0S 068.5W		
h ABOUT 89KM		

Date and Station	Phase (GCT)
	h m s
EUR EP	10 03 15.7
APR 19	
COL EP	10 01 30.0
APR 19	
ALQ EP	10 02 51.0
BOZ E(P)	10 04 03.5
BMO EP	10 04 05.7
E	04 16.1
HHM EP	10 04 10.8
APR 19	
BMO E(P)	10 46 12.2
E	46 21.4
EUR E(P)	10 46 31.0
BOZ EP	10 47 13.0
APR 19	
H-10 59 56.8	
51.3N 177.1W	
h ABOUT 33KM	
COL EP	11 04 32.0
BRW EP	11 04 51.3
NEW EP	11 07 12.0
BMO E(P)	11 07 25.7
E	07 36.1
E	07 51.5
HHM EP	11 07 27.1
BOZ EP	11 07 50.0
EUR EP	11 07 57.0
APR 19	
COL EP	11 55 34.4
APR 19	
BRW E	12 12 09.6
COL IP	12 12 33.1
BMO EP	12 15 17.1
E	15 24.5
APR 19	
COL EP	13 13 54.0
APR 19	
COL EP	13 14 08.0
APR 19	
BRW EP	14 25 51.0
APR 19	
HHM EP	17 04 33.0
APR 19	
H-17 57 34.2	
6.1N 126.8E	
h ABOUT 87KM	
COL EP	18 09 49.0

Date and Station	Phase (GCT)
	h m s
APR 19	
COL EP	17 58 41.0
APR 19	
EUR IP	18 21 52.5
APR 19	
COL EP	18 43 28.0
HHM EP	18 46 21.0
BOZ E(P)	18 46 25.0
APR 19	
H-19 28 27.5	
07.9S 130.0E	
h ABOUT 12KM	
BRW EP	19 41 37.7
COL EP	19 41 44.5
APR 19	
SJG IP	19 29 56.5
IS	30 18.0
APR 19	
H-20 26 44.9	
53.1N 159.3E	
h ABOUT 88KM	
BRW EP	20 32 15.5
I	32 42.2
COL EP	20 32 36.0
NEW IP	20 35 34.0
E	35 51.0
HHM EP	20 35 45.0
E	36 09.3
E	37 01.2
BMO EP	20 35 50.3
E	36 04.0
BOZ IP	20 36 09.0
E	36 25.6
E	36 33.5
EUR IP C	20 36 22.9
I	36 37.6
I	36 46.9
BCN EP	20 36 44.3
E	37 01.1
E	37 09.2
RCD EP	20 36 46.0
E	37 04.0
TUC EP	20 37 17.2
APR 19	
COL EP	21 43 47.0
APR 19	
COL IP	21 44 11.8
APR 19	
COL EP	21 59 11.0
BRW EP	21 59 16.1

Date and Station	Phase (GCT)
	h m s
BMO EP	22 00 08.7
APR 19	
H-22 18 19.5	
20.3S 179.5W	
h ABOUT 591KM	
EUR EP	22 29 49.8
E	30 29.7
TUC EP	22 29 50.1
BMO EP	22 29 59.3
COL EP	22 30 09.0
NEW EP	22 30 09.0
COL EP	22 30 09.3
ALQ EP	22 30 10.0
FGU EP	22 30 13.1
HHM EP	22 30 15.7
BRW EP	22 30 30.1
APR 19	
ALQ IP	22 50 05.5
I	50 30.0
APR 19	
H-22 51 00.9	
31.7S 179.5W	
h ABOUT 169KM	
EUR EP	23 03 51.7
APR 19	
COL IP	23 03 59.5
APR 19	
COL EP	23 04 00.0
APR 19	
COL EP	23 43 48.0
APR 20	
BMO E(P)	00 53 59.3
APR 20	
COL EP	01 33 35.0
APR 20	
COL EP	01 33 35.0
APR 20	
COL EP	01 52 52.0
HHM E(P)	01 55 05.2
BMO E(P)	01 55 07.4
BOZ EP	01 55 20.0
APR 20	
H-02 32 51.8	
18.8N 146.9E	
h ABOUT 23KM	
GUA EP	02 34 16.0
IS	35 20.0

Date and Station	Phase (GCT)
	h m s
BRW EP	02 43 10.0
I	44 12.7
COL EP	02 43 15.0
NEW EP	02 45 00.0
E	46 04.0
E	46 20.0
BMO EP	02 45 05.5
E	45 12.8
HHM EP	02 45 10.9
E	45 31.7
E	46 03.2
EUR EP	02 45 19.9
I	46 22.7
EPP	48 57.5
BOZ EP	02 45 22.6
TUC E(P)	02 45 52.4
E	46 00.4
ALQ EP	02 46 04.0
APR 20	
H-02 40 47.8	
18.9N 147.0E	
h ABOUT 33KM	
GUA EP	02 42 12.5
BRW EP	02 51 03.8
COL EP	02 51 09.0
NEW IP	02 52 54.9
BMO EP	02 52 59.7
HHM EP	02 53 05.3
E	53 20.2
EUR EP	02 53 14.0
E	56 05.0
TUC EP	02 53 46.0
APR 20	
H-02 46 22.2	
18.8N 147.0E	
h ABOUT 22KM	
GUA EP	02 47 47.2
E(S)	48 53.0
BRW EP	02 56 40.2
COL EP	02 56 46.0
NEW EP	02 58 31.0
BMO EP	02 58 36.7
E	59 01.4
HHM EP	02 58 41.7
EUR IP	02 58 51.0
BOZ EP	02 58 55.5
EPP	03 02 32.0

Date and Station	Phase	Phase (GCT) h m s
APR 20		
BMO	EP	02 48 52.7
	E	49 04.6
APR 20		
HON	E(P)	02 49 32.2
	E	56 20.0
APR 20		
H-02 50 00.3		
19.0N 147.0E		
h ABOUT 033KM		
GUA	EP	02 51 26.0
BRW	EP	03 00 16.7
COL	EP	03 00 23.0
NEW	EP	03 02 07.0
BMO	EP	03 02 12.2
	E	02 24.5
HHM	E(P)	03 02 16.7
EUR	E(P)	03 02 26.4
	I	02 31.5
ALQ	E(P)	03 07 20.0
APR 20		
H-02 55 28.0		
18.9N 147.0E		
h ABOUT 26KM		
GUA	EP	02 56 54.5
	ES	57 56.0
BRW	EP C	03 05 45.7
COL	EP	03 05 50.0
NEW	EP	03 07 37.0
BMO	EP	03 07 41.9
	E	07 53.3
HHM	E(P)	03 07 46.4
	E	08 00.8
EUR	I(P)	03 08 00.0
BOZ	E(P)	03 08 02.0
	E	08 07.5
TUC	E(P)	03 08 34.0
APR 20		
H-03 58 33.2		
18.9N 147.1E		
h ABOUT 33KM		
BRW	EP	04 08 49.2
COL	EP	04 08 56.5
NEW	EP	04 10 40.0
BMO	E(P)	04 10 44.7
	E	10 50.8
EUR	E(P)	04 11 05.0
ALQ	E(P)	04 11 27.5
APR 20		
GUA	EP	04 00 19.0
APR 20		
H-05 09 54.4		
21.1S 175.1W		
h ABOUT 40KM		
EUR	EP	05 22 10.3
APR 20		
COL	EP	05 14 08.0
APR 20		
BMO	E(P)	05 15 54.4
	E	16 02.4
EUR	E(P)	05 16 04.0
	E	16 12.0
APR 20		
H-05 33 52.7		
19.0N 146.8E		
h ABOUT 34KM		
GUA	EP	05 35 18.0
	ES	36 20.0
BRW	EP	05 44 08.7
	I	44 15.5
COL	EP	05 44 14.0
NEW	EP	05 46 00.0
BMO	EP	05 46 04.6
	E	46 12.0
HHM	EP	05 46 10.4
	E	46 16.9
BOZ	EP	05 46 23.2
FGU	E(P)	05 46 39.9
ALQ	EP	05 47 03.0
APR 20		
SJG	EP	05 46 12.0
	EL	47 09.0
APR 20		
H-06 00 37.2		
18.9N 146.8E		
h ABOUT 16KM		
GUA	EP	06 02 04.0
	ES	03 07.0
BRW	EP C	06 10 53.5
COL	EP	06 11 02.0
NEW	EP	06 12 46.0
BMO	EP	06 12 50.8
HHM	EP	06 12 56.7
	E	13 00.2
EUR	EP D	06 13 05.9
	I	13 14.9
	E	15 13.2
	EPP	16 12.7
BOZ	EP	06 13 10.5
	I	13 13.0
FGU	EP	06 13 26.0
GCA	EP	06 13 29.0
TUC	E(P)	06 13 37.3
	E	17 12.5
ALQ	IP	06 13 48.0
APR 20		
H-06 13 58.8		
18.9N 147.2E		
h ABOUT 33KM		
GUA	EP	06 15 24.0
COL	EP	06 24 21.5
BMO	EP	06 26 10.0
EUR	EP	06 26 24.4
APR 20		
HON	EP	06 17 24.0
APR 20		
ALQ	EP	06 18 31.5
BMO	EP	06 19 54.1
APR 20		
GUA	E(P)	06 19 27.0
APR 20		
H-06 42 59.3		
18.8N 146.9E		
h ABOUT 41KM		
GUA	EP	06 44 22.0
	ES	45 28.5
BRW	EP C	06 53 15.3
	E	53 21.0
COL	IP	06 53 20.6
NEW	IP	06 55 06.7
BMO	EP	06 55 11.2
	E	55 17.2
HHM	EP	06 55 15.9
	E	55 22.2
EUR	EP C	06 55 25.2
	E	55 43.0
	E	56 28.7
BOZ	EP	06 55 29.0
FGU	EP	06 55 45.5
TUC	E(P)	06 55 56.8
ALQ	IP	06 56 08.0
APR 20		
H-06 45 45.2		
18.9N 146.9E		
h ABOUT 34KM		
GUA	EP	06 47 09.0
BRW	EP	06 56 01.7
	I	56 07.4
COL	EP	06 56 08.9
	I	56 13.2
NEW	EP	06 57 53.0
BMO	EP	06 57 57.2
	E	58 02.0
HHM	EP	06 58 06.2
EUR	IP	06 58 11.0
BOZ	EP	06 58 16.5
ALQ	E(P)	06 58 53.8
APR 20		
GUA	EP	06 45 59.0
APR 20		
BMO	EP	07 16 15.8
	E	16 20.9
EUR	E(P)	07 16 31.4
APR 20		
H-07 57 09.6		
50.9N 179.5E		
h ABOUT 33KM		
COL	IP	08 02 02.0
BRW	EP	08 02 14.0
NEW	EP	08 04 42.0
BMO	EP	08 04 55.9
BOZ	IP	08 05 20.0
EUR	IP	08 05 27.8
APR 20		
BMO	E(P)	08 54 41.0
APR 20		
BMO	EP	09 02 36.1
	E	02 41.7
EUR	E(P)	09 02 52.6
APR 20		
BMO	EP	09 58 47.3
APR 20		
BMO	E(P)	11 07 18.2
	E	07 27.4
EUR	E(P)	11 07 32.3
APR 20		
COL	EP	11 20 31.0

Date and Station	Phase (GCT)
	h m s
EUR E(P)	11 24 54.0
E	25 14.1
APR 20	
H-13 01 35.5	
19.0N 146.9E	
h ABOUT 49KM	
GUA EP	13 03 00.0
BRW EP	13 11 50.2
COL EP	13 11 56.0
BMO EP	13 13 46.3
E	13 50.5
EUR E(P)	13 14 00.0
APR 20	
COL EP	13 24 30.7
APR 20	
H-13 28 11.2	
37.0N 115.2E	
h ABOUT 33KM	
BRW EP	13 37 38.6
COL IP	13 38 15.3
HHM E(P)	13 40 20.2
E	41 17.0
BMO EP	13 40 48.2
E	41 07.0
EUR E(P)	13 41 14.0
APR 20	
H-13 30 58.5	
57.4N 151.8W	
h ABOUT 48KM	
COL EP	13 32 52.2
ES	34 14.5
BRW E(P)	13 34 17.8
BMO E(P)	13 36 16.7
APR 20	
COL IP	13 31 29.2
APR 20	
H-14 01 29.5	
18.8N 146.8E	
h ABOUT 56KM	
GUA EP	14 02 51.0
ES	03 52.0
BRW EP D	14 11 44.4
COL EP	14 11 50.0
NEW IP	14 13 35.5
BMO EP	14 13 40.0
E	14 10.9
HHM EP	14 13 46.2
E	14 00.7

Date and Station	Phase (GCT)
	h m s
EUR EP C	14 13 54.0
I	14 16.3
BOZ EP	14 13 59.0
FGU EP	14 14 15.2
E	14 26.4
TUC EP	14 14 26.9
ALQ EP	14 14 36.6
APR 20	
COL E(P)	14 24 03.3
APR 20	
H-14 31 25.7	
37.2N 114.9E	
h ABOUT 33KM	
BRW E(P)	14 40 51.8
E	43 24.9
COL EP	14 41 29.0
NEW EP	14 43 51.0
BMO EP	14 44 02.0
E	44 21.0
BOZ EP	14 44 13.0
EUR EP	14 44 26.1
I	46 51.6
FGU EP	14 44 34.8
APR 20	
GUA E(P)	14 36 30.0
APR 20	
BRW EP	15 14 16.5
COL EP	15 14 23.1
BMO E(P)	15 16 11.1
EUR IP	15 16 27.2
APR 20	
BRW EP	15 53 00.5
COL EP	15 53 36.0
APR 20	
H-16 24 40.6	
65.2N 164.4W	
h ABOUT 33KM	
BRW EP	16 26 18.9
I	26 23.1
I(S)	27 39.1
EL	28 39.4
COL EP	16 26 23.0
IL	28 29.0
HHM EP	16 31 00.9
E	31 02.7
BMO EP	16 31 11.5
BOZ EP	16 31 26.5

Date and Station	Phase (GCT)
	h m s
EUR IP	16 31 54.8
APR 20	
H-16 26 20.8	
18.8N 147.0E	
h ABOUT 50KM	
GUA EP	16 27 44.0
BRW EP C	16 36 36.3
E	37 50.1
COL IP	16 36 41.2
NEW IP	16 38 26.9
E	38 53.0
SLD EP	16 38 28.0
E	38 48.0
BMO EP	16 38 31.7
HHM IP	16 38 37.2
I	38 40.7
I	38 48.2
EUR IP C	16 38 45.0
I▸P	39 00.2
I	39 12.0
BOZ EP	16 38 49.7
BCN EP	16 38 52.5
FGU EP	16 39 06.0
GCA EP	16 39 06.2
TUC EP	16 39 17.2
RCD E(P)	16 39 19.0
ALQ EP	16 39 27.5
APR 20	
H-16 42 06.0	
41.7N 048.2E	
h ABOUT 36KM	
BRW EP C	16 52 49.6
I	52 58.0
COL EP	16 53 33.3
I	53 41.8
WSC EP	16 54 47.0
HHM IP	16 55 00.8
I	55 05.7
NEW IP	16 55 01.8
I	55 14.0
RCD E(P)	16 55 08.5
BOZ EP	16 55 11.2
BMO EP'	16 55 16.5
E	55 25.7
E	55 56.8

Date and Station	Phase (GCT)
	h m s
EUR IP D	16 55 41.0
I	55 50.2
E	58 53.0
E▸P	59 28.5
EPKKP	17 12 13.3
ALQ IP	16 55 48.5
APR 20	
HON IP	16 42 54.0
APR 20	
ALQ EP	16 52 03.0
E	52 10.5
APR 20	
GUA E(P)	17 24 54.5
APR 20	
FGU IP	18 22 49.5
IL	23 09.2
APR 20	
ALQ E(P)	18 26 28.5
APR 20	
COL IP	18 50 27.5
IL	51 29.5
BRW E(P)	18 51 47.9
BMO E(P)	18 54 54.0
E	55 04.6
APR 20	
COL EP	19 08 53.8
APR 20	
HHM EP	19 23 33.2
APR 20	
BCN EP	19 29 38.7
APR 20	
EUR E(P)	19 38 24.5
APR 20	
ALQ IP	19 59 56.0
APR 20	
COL IP	20 20 33.8
APR 20	
COL EP	20 21 54.0
APR 20	
H-20 27 59.1	
18.9N 146.9E	
h ABOUT 42KM	
GUA EP	20 29 23.0
BRW E(P)	20 38 14.5
COL EP	20 38 21.0
NEW EP	20 40 07.0
BMO EP	20 40 10.2
E	40 20.7
HHM EP	20 40 15.2
EUR IP	20 40 25.8

Date and Station	Phase (GCT)
	h m s
APR 20	
TUC E(P)	21 27 32.5
EL	28 30.8
APR 20	
H-21 41 22.6	
36.8N 021.7E	
h ABOUT 60KM	
HHM EP	21 54 01.7
BMO EP	21 54 21.0
APR 20	
CED IP	21 52 05.7
IS	52 11.8
APR 20	
ALQ IP	21 58 12.5
I	59 37.5
APR 20	
BOZ IP	22 30 18.0
APR 20	
TUC EP	23 00 06.4
BMO EP	23 00 18.3
ALQ EP	23 00 29.5
COL IP C	23 00 37.3
I	01 28.4
BRW E	23 00 51.2
APR 21	
EUR E(P)	00 07 58.0
APR 21	
EUR IP	00 26 50.5
APR 21	
COL EP	00 29 44.0
APR 21	
BMO EP	00 42 58.4
EUR EP	00 43 20.2
E	43 36.0
APR 21	
COL EP	01 42 58.0
APR 21	
COL EP	02 17 29.8
APR 21	
BOZ EP	02 41 15.0
APR 21	
COL EP	03 05 25.0
APR 21	
COL EP	03 15 03.0
APR 21	
BMO E(P)	03 28 40.3
E	29 03.0
COL EP	03 28 50.7

Date and Station	Phase (GCT)
	h m s
APR 21	
H-03 57 57.9	
49.8N 078.1E	
h ABOUT 0KM	
BRW IP C	04 07 17.4
IPCP	08 26.5
COL EP	04 08 08.7
NEW IP	04 10 17.4
HHM EP	04 10 18.5
BMO EP	04 10 34.5
BOZ IP	04 10 34.5
RCD EP	04 10 44.0
FGU EP	04 10 58.8
EUR IP C	04 11 02.6
E	11 42.2
SLD IP C	04 11 10.0
BCN EP C	04 11 19.5
APR 21	
EUR IP	03 58 42.5
APR 21	
BMO E(P)	04 13 10.5
E	13 22.0
APR 21	
HHM E(P)	04 17 00.2
EL	18 04.3
APR 21	
SJG EP	04 44 10.0
IS	44 33.0
APR 21	
H-06 09 39.8	
14.0N 090.8W	
h ABOUT 66KM	
TUC E(P)	06 15 05.8
EUR IP	06 16 17.8
BOZ EP	06 16 37.6
BMO EP	06 16 53.1
E	19 06.0
COL EP	06 20 04.0
APR 21	
TUC EP	06 18 33.0
EUR E(P)	06 18 52.6
HHM EP	06 19 09.3
APR 21	
COL EP	06 29 24.0
BMO EP	06 33 12.1
E	33 17.0

Date and Station	Phase (GCT)
	h m s
APR 21	
COL EP	06 31 28.0
APR 21	
H-06 45 29.1	
34.7N 025.7E	
h ABOUT 62KM	
COL EP	06 57 37.0
BOZ E(P)	06 58 17.0
RCD E(P)	06 58 18.5
HHM IP	06 58 23.2
I	58 30.5
NEW IP	06 58 28.8
BMO EP	06 58 41.5
E	58 53.0
APR 21	
COL EP	06 52 20.0
APR 21	
SJG EP	07 32 39.8
ES	33 03.2
APR 21	
H-08 07 24.8	
45.6N 150.0E	
h ABOUT 33KM	
BRW EP	08 14 23.1
COL EP	08 14 45.0
HHM EP	08 17 38.3
BMO EP	08 17 40.3
E	17 56.5
BOZ IP	08 17 58.1
EUR IP	08 18 07.5
APR 21	
BOZ EP	08 11 12.5
APR 21	
H-08 18 24.6	
06.9N 073.1W	
h ABOUT 154KM	
BHP EP C	08 20 01.0
ES	21 13.0
ALQ IP	08 25 58.5
TUC EP	08 26 12.9
RCD E(P)	08 26 29.0
GCA EP	08 26 36.3
BCN EP	08 26 49.9
EUR IP	08 27 08.0
BMO EP	08 27 32.2
E	27 37.6
E	27 47.4

Date and Station	Phase (GCT)
	h m s
HHM EP	08 27 33.8
NEW IP	08 27 45.2
APR 21	
HHM EP	08 36 54.3
APR 21	
H-08 47 47.2	
18.8S 169.4E	
h ABOUT 246KM	
COL IP	09 00 15.4
EUR IP	09 00 22.0
BMO EP	09 00 27.5
E	00 31.1
TUC EP	09 00 28.2
BRW E(P)	09 00 38.5
ALQ E(P)	09 00 41.8
BCN E(P)	09 01 19.7
APR 21	
COL EP	08 56 26.0
APR 21	
EUR E(P)	09 16 47.3
APR 21	
H-09 16 57.9	
21.7N 142.8E	
h ABOUT 326KM	
GUA E(P)	09 18 57.0
BRW EP	09 26 34.0
COL IP	09 26 43.0
NEW IP	09 28 35.5
BMO EP	09 28 41.8
E	29 51.8
HHM IP	09 28 44.5
E	28 49.2
EUR IP	09 28 56.8
BOZ IP	09 28 59.0
ALQ EP	09 29 38.9
APR 21	
H-09 31 19.5	
05.6N 095.4E	
h ABOUT 99KM	
BRW EP	09 44 12.1
EUR EP'	09 50 14.0
APR 21	
H-09 43 34.8	
40.3N 125.0W	
h ABOUT 33KM	
UKI E(P)	09 44 05.3

Date and Station	Phase (GCT)
	h m s
EUR E(P)	09 45 17.6
BMO IP	09 45 21.4
E	45 27.7
APR 21	
SJG EP	10 10 42.5
IS	11 06.5
APR 21	
SJG EP	10 22 01.0
IS	22 23.0
APR 21	
SJG IP	10 39 19.0
IS	40 44.0
APR 21	
SJG EP	11 20 03.5
IS	20 26.0
APR 21	
SJG IP	11 33 07.5
IS	33 30.0
APR 21	
SJG EP	11 43 05.0
IS	43 28.8
APR 21	
COL EP	11 48 47.0
APR 21	
COL EP	11 52 16.0
APR 21	
SJG IP	12 04 49.0
IS	05 12.4
APR 21	
SJG-EP	12 35 04.5
IS	35 28.5
APR 21	
H-12 41 00.7	
19.0N 064.7W	
h ABOUT 57KM	
SJG IP D	12 41 28.1
IS	42 51.6
ALQ IP	12 48 34.0
TUC E(P)	12 49 00.0
BOZ EP	12 49 27.0
EUR EP	12 49 39.9
E	51 06.3
BMO E(P)	12 49 53.8
NEW EP	12 50 00.0
APR 21	
SJG I(P)	12 45 24.0
IS	45 47.5
APR 21	
COL EP	12 50 34.0
APR 21	
SJG I(P)	12 46 48.5
IS	47 13.8

Date and Station	Phase (GCT)
	h m s
APR 21	
SJG IP	12 50 46.0
IS	51 10.5
APR 21	
SJG IP	13 07 58.7
IS	08 22.5
APR 21	
SJG IP	13 20 39.0
IS	21 04.5
APR 21	
SJG EP	13 31 18.5
IS	32 40.8
APR 21	
SJG IP	13 55 53.0
IS	56 18.0
APR 21	
ALQ IP	14 15 03.0
IS	15 39.0
APR 21	
SJG IP	14 44 09.5
IS	44 34.0
APR 21	
COL IP	15 23 15.2
IL	23 43.1
BRW EP	15 24 49.0
APR 21	
H-15 43 17.8	
13.5N 142.1E	
h ABOUT 52KM	
GUA EP	15 44 01.0
ES	44 35.0
COL E(P)	15 54 17.0
BMO IP	15 56 03.9
HHM E(P)	15 56 09.3
EUR EP	15 56 16.2
BOZ EP	15 56 20.9
APR 21	
H-15 45 23.0	
35.7N 142.0E	
h ABOUT 29KM	
GUA E(P)	15 50 03.0
BRW EP C	15 53 57.8
I	53 09.0
BMO EP	15 56 59.8
HHM EP	15 56 48.8
E	56 59.8
BOZ EP	15 57 06.5
SLD E(P)	15 57 09.5

Date and Station	Phase (GCT)
	h m s
EUR EP	15 57 10.5
I	57 21.9
E	57 39.5
E(PP)	16 00 23.0
FGU EP	15 57 28.0
BCN EP	15 57 30.2
EPP	16 00 35.0
TUC E(P)	15 57 52.0
E	58 03.0
E(S)	08 13.0
ALQ I(P)	15 57 58.4
I	58 09.0
IS	16 08 30.0
APR 21	
COL IP	15 49 16.0
IS	49 36.0
BRW EP	15 50 48.9
APR 21	
HON EP	16 02 38.6
APR 21	
H-16 05 54.3	
20.8S 174.1W	
h ABOUT 33KM	
EUR E(P)	16 18 07.8
BMO E(P)	16 18 18.1
E	18 26.9
ALQ EP	16 18 27.0
BOZ EP	16 18 37.5
COL IP	16 18 40.4
APR 21	
H-16 12 45.0	
20.4S 178.0W	
h ABOUT 511KM	
TUC EP	16 24 17.4
EUR IP	16 24 17.5
BMO EP	16 24 28.3
E▸P	26 22.0
ALQ IP	16 24 38.0
COL EP D	16 24 39.8
E(▸P)	26 31.0
BOZ IP	16 24 46.5
BRW E(P)	16 25 02.0
APR 21	
SJG IP	16 16 49.0
IS	17 11.4
APR 21	
SJG IP	16 22 24.5
IS	22 46.7

Date and Station	Phase (GCT)
	h m s
APR 21	
SJG IP D	16 30 20.5
IS	30 44.5
APR 21	
H-16 37 47.6	
24.2N 122.3E	
h ABOUT 54KM	
BRW E(P)	16 48 18.9
COL EP	16 48 45.0
NEW EP	16 50 45.0
HHM E(P)	16 50 51.2
E	51 11.8
BMO EP	16 50 54.8
E	51 16.3
APR 21	
SJG IP	16 50 14.0
IS	50 38.5
APR 21	
SJG EP	17 20 33.5
IS	20 58.5
APR 21	
H-17 36 47.9	
35.6N 142.0E	
h ABOUT 25KM	
GUA E(P)	17 41 56.0
ES	45 36.0
BRW EP	17 45 22.5
I▸P	45 32.7
COL EP	17 45 43.0
NEW EP	17 48 09.0
E	49 05.0
HHM EP	17 48 13.3
E	48 24.3
BMO EP	17 48 14.3
E	48 54.4
BOZ EP	17 48 31.4
I	48 39.5
EUR EP	17 48 37.0
E	49 07.0
FGU E(P)	17 48 54.0
TUC E(P)	17 49 16.5
E	49 27.5
ALQ IP	17 49 23.8
APR 21	
BOZ IP	19 26 44.0
IL	26 53.0
APR 21	
ALQ EP	19 35 34.0
APR 21	
ALQ IP	20 16 30.5
I	17 05.4

Date and Station	Phase	Phase (GCT) h m s
APR 21		
COL	IP	20 36 28.4
BRW	EP	20 37 27.6
NEW	EP	20 39 33.0
APR 21		
ALQ	EP	21 01 36.6
APR 21		
BMO	E(P)	21 15 17.7
APR 21		
SJG	IP	21 16 17.0
	IS	16 41.5
APR 21		
ALQ	IP	21 48 07.4
	I	48 53.0
APR 21		
SJG	IP	22 34 56.4
	IS	35 19.5
APR 21		
ALQ	IP	22 40 09.0
	I	40 40.5
APR 21		
H-22 45 17.9		
4.5S 152.0E		
h ABOUT 118KM		
COL	IP	22 57 24.8
BMO	E(P)	22 58 23.3
EUR	EP	22 58 27.9
APR 21		
HHM	E(P)	23 08 39.9
	EL	08 49.6
APR 21		
SJG	IP	23 10 54.0
	IS	11 17.2
APR 21		
COL	EP	23 31 00.8
	E	31 26.4
APR 21		
EUR	EP	23 34 57.2
APR 22		
NEW	IP	00 14 13.1
	IS	14 34.0
APR 22		
COL	EP	00 43 56.0
APR 22		
COL	IP	02 22 31.2
BRW	EP	02 23 50.9
APR 22		
H-02 58 03.6		
47.9N 047.7E		
h ABOUT 33KM		
BRW	EP	03 08 07.1
COL	IP	03 08 54.4
NEW	IP	03 10 29.3
BOZ	EP	03 10 38.3
BMO	EP	03 10 45.7
EUR	IP	03 11 10.8
APR 22		
H-03 06 32.3		
37.8S 073.4W		
h ABOUT 16KM		
SJG	IP	03 16 08.6
TUC	EP	03 18 30.8
	E	18 40.0
	E(S)	28 22.0
ALQ	IP	03 18 34.0
	IS	28 32.0
GCA	EP	03 18 55.8
BCN	EP	03 18 58.4
	IsP	19 06.3
FGU	EP	03 19 08.5
RCD	EP	03 19 12.0
	EsP	19 20.0
EUR	IP C	03 19 14.5
	IsP	19 23.2
	EPP	22 19.5
	E	23 45.3
	EPKKP	37 13.8
SLD	EP	03 19 17.5
BOZ	EP	03 19 30.0
BMO	EP	03 19 38.2
NEW	EP	03 19 50.0
COL	EP'	03 25 16.0
APR 22		
ALQ	E(P)	03 14 17.5
APR 22		
BRW	EP	03 30 28.0
	E	30 37.7
APR 22		
HON	EP	03 38 49.8
APR 22		
EUR	EP	03 43 29.0
	I	44 01.0
ALQ	E(P)	03 44 51.0
APR 22		
COL	EP	04 09 30.0
APR 22		
NEW	IP	04 16 12.2
	ES	17 00.0
BMO	EP	04 16 30.3
BOZ	E(P)	04 17 14.0
	E	18 21.0
APR 22		
COL	EP	04 18 20.2
APR 22		
SJG	EP	06 05 27.0
	IL	06 08.3
APR 22		
EUR	EP	06 47 37.4
BMO	EP	06 48 15.9
COL	EP	06 50 49.5
APR 22		
BOZ	EP	07 14 32.0
APR 22		
H-07 23 51.8		
56.8N 152.0W		
h ABOUT 40KM		
COL	EP	07 25 53.0
BRW	E(P)	07 27 16.5
NEW	EP	07 28 51.0
BMO	EP	07 29 10.5
BOZ	EP	07 29 32.5
EUR	EP	07 29 51.3
APR 22		
EUR	E(P)	07 49 55.5
BMO	E(P)	07 50 33.5
APR 22		
BRW	E(P)	08 05 45.0
APR 22		
H-08 07 14.3		
23.0S 176.3W		
h ABOUT 94KM		
TUC	EP	08 19 33.4
EUR	IP	08 19 35.1
ALQ	E(P)	08 19 54.5
COL	EP	08 20 04.0
BOZ	EP	08 20 05.0
APR 22		
H-08 23 33.5		
52.6N 168.9W		
h ABOUT 33KM		
COL	EP	08 27 22.0
BRW	E(P)	08 28 12.0
BOZ	EP	08 30 43.0
EUR	E(P)	08 30 52.5
APR 22		
H-08 24 37.4		
23.0S 069.7W		
h ABOUT 71KM		
ALQ	EP	08 35 28.3
BMO	EP	08 36 43.5
	EsP	37 09.5
APR 22		
BMO	E(P)	08 32 20.3
APR 22		
ALQ	EP	08 46 15.1
APR 22		
H-10 06 00.2		
36.6N 071.0E		
h ABOUT 225KM		
BRW	IP	10 16 30.6
COL	IP	10 17 15.0
APR 22		
H-10 15 49.6		
56.6N 152.2W		
h ABOUT 38KM		
COL	E(P)	10 17 50.1
	E	20 22.0
	IL	21 32.0
BRW	E(P)	10 19 12.6
	I	19 22.6
	EL	24 16.0
NEW	EP	10 20 50.0
BMO	EP	10 21 08.8
BOZ	EP	10 21 32.0
EUR	IP	10 21 49.5
FGU	EP	10 22 10.5
BCN	EP	10 22 19.2
	E	22 24.2
TUC	EP	10 23 01.2
APR 22		
EUR	EP	10 28 36.1
ALQ	EP	10 29 06.5
APR 22		
EUR	E(P)	10 57 56.8
BMO	E(P)	10 58 28.8
APR 22		
H-11 58 18.6		
18.8N 146.9E		
h ABOUT 35KM		
GUA	IP	11 59 42.0
	IS	12 00 43.0
BRW	EP	12 08 35.8
COL	EP	12 08 42.0

Date and Station	Phase (GCT)
	h m s
BMO EP	12 10 30.8
E	10 40.1
EUR EP	12 10 44.7
BOZ EP	12 10 50.0
APR 22	
H-12 17 36.3	
60.6S 025.4W	
h ABOUT 33KM	
ALQ EP'	12 36 15.5
TUC EP'	12 36 17.0
BCN EP'	12 36 29.2
EUR EP'	12 36 33.5
BOZ EP'	12 36 38.5
BMO EP'	12 36 41.5
E	37 39.3
NEW EP'	12 36 45.0
E	37 15.0
BRW EP'	12 37 30.8
E	37 43.9
IP'	38 05.2
COL IP'	12 37 32.8
I	13 37 47.0
APR 22	
EUR E(P)	12 46 20.4
APR 22	
ALQ E(P)	12 59 10.0
APR 22	
H-13 00 58.8	
19.0N 146.8E	
h ABOUT 18KM	
GUA IP	13 02 26.0
IS	03 28.0
BRW EP	13 11 18.2
COL EP	13 11 24.5
NEW EP	13 13 09.0
BMO EP	13 13 14.0
E	13 30.4
EUR EP	13 13 26.5
APR 22	
BOZ EP	15 13 31.5
E	13 38.5
APR 22	
BOZ E(P)	16 25 50.0
APR 22	
ALQ EP	16 29 59.0
APR 22	
H-16 55 11.2	
18.0S 178.4W	
h ABOUT 584KM	
EUR IP	17 06 30.5
TUC EP	17 06 32.2
BMO EP	17 06 40.5
EsP	08 44.0
COL IP	17 08 49.6
APR 22	
COL E(P)	17 08 54.1
BOZ EP	17 09 04.5
APR 22	
ALQ EP	18 22 05.0
APR 22	
ALQ EP	19 18 33.0
APR 22	
ALQ EP	19 32 23.5
BOZ EP	19 33 28.0
ES	37 16.0
APR 22	
BOZ EP	19 57 58.5
APR 22	
EUR EP	20 38 24.0
APR 22	
ALQ IP	20 57 56.0
I	57 32.5
APR 22	
TUC EP	21 51 42.5
APR 22	
ALQ EP	22 04 52.2
APR 22	
ALQ IP	22 29 06.0
I	29 52.0
APR 22	
NEW IP	23 08 03.8
IS	08 48.0
BMO IP	23 08 19.7
APR 22	
H-23 27 20.5	
57.4N 132.3W	
h ABOUT 26KM	
COL EP	23 29 13.0
I	29 49.0
E	30 13.0
IL	31 12.0
SIT EP	23 29 32.0
BRW IP C	23 30 41.5
I	30 49.8
I	32 04.3
E(S)	33 09.0
IL	34 52.0
NEW EP	23 32 24.0
E	32 32.0
HHM IP D	23 32 38.1
I	32 45.9
IS	37 09.9
IL	40 36.9
BMO EP	23 32 43.9
E	32 52.2
BOZ IP	23 33 06.5
E	33 18.0
SLD IP D	23 33 20.0
IsP	33 26.5
IPCP	36 27.2
IsPCP	36 35.0
ESCP	40 08.0
EUR IP D	23 33 25.8
IsP	33 32.5
E(PP)	34 19.6
I	34 32.5
ISCP	40 10.0
SLC EP	23 33 35.2
EsP	33 42.0
EPP	34 36.5
FGU EP D	23 33 45.3
IsP	33 52.7
EPCP	36 34.9
IsPCP	36 42.2
ESCP	40 17.5
EsSCP	40 06.5
BCN IP D	23 33 55.2
IsP	34 02.2
E	35 16.5
EPPP	35 23.5
EPCP	36 38.3
IsPCP	36 45.8
ISCP	40 21.5
EsSCP	40 32.8
RCD EP D	23 33 56.5
EsP	34 03.5
E	34 33.0
E(S)	39 17.0
CED IP	23 33 56.9
HON EP	23 34 20.0
KIP IP	23 34 22.4
IPP	35 42.2
TUC EP D	23 34 36.5
EsP	34 44.5
E(S)	22 40 28.0
ALQ IP	23 34 37.5
IsP	34 45.5
WSC IP	23 36 16.7
IsP	36 23.5
E	36 30.0
GSC EP	23 36 30.0
EsP	36 37.0
ES	43 54.0
GUA E(P)	23 37 56.0
SJG EP	23 38 47.5
EsP	38 55.0
APR 22	
BRW EP	23 45 45.9
COL IP	23 46 46.1
APR 23	
H-00 09 34.1	
00.9S 122.4E	
h ABOUT 40KM	
GUA EP	00 15 10.0
I	18 58.0
KIP I(P)	00 21 50.0
I	22 06.7
HON I(P)	00 21 58.6
COL EP	00 22 32.2
I	22 43.0
IPP	26 13.1
ESKS	33 12.0
EPKKP	40 06.0
BRW EPP	00 25 43.6
EPKKP	40 10.6
EP'P'	48 22.6
SLD EP'	00 28 06.2
PKKP	39 08.0
SKKP	43 07.0
HHM EP	00 24 14.9
E	24 23.4
EP'	28 03.9
EPP	29 01.4
EPKKP	38 35.9
NEW EP	00 24 06.0
EPKKP	39 11.0
BMO EP	00 24 12.6
E	24 41.2
CED EP'	00 28 11.4
E	28 18.2
EPP	29 28.9
EPKKP	38 52.9
ESKKP	42 49.4
EUR E(P)	00 24 32.0
IP'	28 15.5
IPP	29 18.0
I	32 52.9
IPKKP	38 56.1
EP'P'	45 41.4
BOZ E(P)	00 24 32.0
IP'	28 16.0
EPP	29 15.0
E	36 12.5
FGU EP	00 24 52.0
EP'	28 16.2
IP'	28 23.0
BCN EP'	00 28 18.2
EPP	29 25.3
EPKKP	38 50.0
ESKKP	42 23.0

Date and Station	Phase (GCT)
	h m s
SLC EP	00 28 19.2
E	28 26.5
EPP	29 35.5
EPKKP	38 45.0
TUC EP'	00 28 21.8
I	28 28.1
E	38 30.2
ALQ IP'	00 28 26.6
RCD EP'	00 28 27.0
GCA EP'	00 28 34.8
PKKP	39 00.6
E	46 32.3
WSC EP'	00 28 59.8
E	29 02.1
EPP	31 46.2
CSC EP'	00 29 04.5
E	29 08.0
EPP	32 10.0
SJG IP'D	00 29 34.5
IP'	30 22.0
EPP	34 00.0
APR 23	
HHM EP	00 12 26.3
E	12 32.3
APR 23	
SJG IP	00 57 44.0
IS	58 08.5
APR 23	
H-01 03 24.0	
73.5N 008.3E	
h ABOUT 33KM	
COL EP	01 11 07.0
NEW EP	01 12 39.0
BMO E(P)	01 13 02.2
E	13 13.0
FGU EP	01 13 17.9
EUR EP	01 13 38.0
TUC E(P)	01 14 16.1
APR 23	
COL EP	01 44 30.5
APR 23	
H-01 46 07.4	
24.3S 067.1W	
h ABOUT 170KM	
ALQ EP	01 57 01.0
TUC E(P)	01 57 02.5
EUR EP	01 57 50.0
BMO E(P)	01 58 01.1
E	58 12.8

Date and Station	Phase (GCT)
	h m s
APR 23	
FGU EP	02 30 11.8
ES	31 31.2
APR 23	
ALQ EP	03 24 16.4
APR 23	
H-03 28 24.6	
23.8S 175.7W	
h ABOUT 53KM	
BCN EP	03 40 44.6
TUC E(P)	03 40 48.0
EUR IP	03 40 50.5
ALQ E(P)	03 40 59.0
E	41 10.0
BMO EP	03 41 02.9
E	41 30.4
GCA E(P)	03 41 10.0
NEW EP	03 41 14.0
FGU EP	03 41 15.4
HHM EP	03 41 20.3
BOZ IP	03 41 21.5
COL IP	03 41 23.9
APR 23	
ALQ EP	03 39 24.0
APR 23	
H-03 49 06.5	
00.6S 122.0E	
h ABOUT 33KM	
BRW EP	04 01 53.0
COL EP	04 02 08.5
BMO EP'	04 07 39.8
HHM EP'	04 07 40.6
EUR EP'	04 07 45.3
FGU EP'	04 07 52.5
TUC EP'	04 07 58.4
ALQ IP'	04 08 03.0
APR 23	
BMO EP	04 14 48.1
APR 23	
H-04 17 24.3	
26.0N 090.4E	
h ABOUT 25KM	
COL EP	04 29 26.0
HHM E(P)	04 31 17.1

Date and Station	Phase (GCT)
	h m s
APR 23	
BMO EP	04 18 00.7
E	18 17.4
APR 23	
COL EP	04 18 50.9
APR 23	
BMO E(P)	04 31 49.7
APR 23	
SJG IP	05 27 27.2
IS	27 51.5
APR 23	
COL EP	05 32 09.2
APR 23	
H-05 33 22.1	
05.9N 126.3E	
h ABOUT 57KM	
BRW EP C	05 45 28.3
I▸P	45 44.2
COL EP	05 45 41.0
APR 23	
H-05 45 53.3	
23.4S 179.8W	
h ABOUT 508KM	
TUC IP C	05 57 41.7
EUR IP	05 57 42.0
BMO EP	05 57 52.4
ALQ IP	05 58 01.5
COL EP	05 58 03.0
FGU EP	05 58 05.5
BOZ EP	05 58 10.0
APR 23	
ALQ EP	05 50 07.0
APR 23	
H-05 57 12.0	
4.4S 144.1E	
h ABOUT 100KM	
COL EP	06 09 35.0
BRW E(P)	06 09 36.3
BMO EP	06 10 44.4
E▸P	11 13.6
EUR EP	06 10 50.5
APR 23	
ALQ EP	06 22 27.0
APR 23	
ALQ EP	06 48 55.5
APR 23	
H-06 49 39.0	
41.6S 174.3E	
h ABOUT 18KM	

Date and Station	Phase (GCT)
	h m s
EUR E(P)	07 03 33.8
E	07 30.9
EPP	07 56.7
ESKS	14 26.2
EPKKP	19 45.6
TUC E(P)	07 03 36.0
EPKKP	19 49.8
GCA EP	07 08 13.0
BMO E(P)	07 03 57.7
E	04 25.9
FGU EP'	07 08 01.5
E	08 08.8
EPKKP	19 21.4
HHM EP'	07 08 08.3
EPP	08 45.8
EPKKP	19 12.5
COL EP'	07 08 08.6
BOZ EP'	07 08 09.0
E	08 17.0
E	08 36.5
NEW EP'	07 08 10.0
EPKKP	19 33.0
RCD EPKKP	07 19 03.5
BRW EP'	07 08 24.3
WSC EP'	07 08 48.4
SLC EPKKP	07 19 42.5
ALQ EPKKP	07 19 45.1
APR 23	
GUA EP	07 08 06.0
APR 23	
H-08 56 46.1	
00.5S 122.2E	
h ABOUT 82KM	
GUA EP	09 02 16.0
E	05 04.0
KIP IP	09 08 54.9
HON I(P)	09 09 00.2
BRW EP D	09 09 27.8
I	09 38.0
E(PP)	12 52.7
E(S)	20 08.8
EPKKP	27 23.4
COL EP	09 09 38.3
EPP	13 08.8
EPKKP	27 10.0
NEW E	09 11 11.0
EPKKP	26 11.0
BMO E	09 11 16.1
E	11 35.0

Date and Station	Phase (GCT)
	h m s
SLD EP'	09 15 14.5
PKKP	26 25.5
SKKP	30 18.0
HHM E(P)	09 11 43.3
EP'	15 14.3
EPP	16 00.3
EPKKP	26 12.1
EUR E(P)	09 11 48.0
IP'	15 19.6
EPP	16 21.0
IPKKP	26 02.5
ESKKP	29 54.0
BOZ E(P)	09 12 02.0
IP'	15 21.0
EPP	16 17.0
CED EP'	09 15 23.3
SLC EP'	09 15 24.4
E	15 33.3
EPP	16 36.0
EPKKP	25 51.7
BCN IP'	09 15 25.0
I	15 33.6
IPP	16 32.0
ISKP	19 00.7
EPKKP	25 56.0
ESKKP	30 00.8
FGU EP'	09 15 27.2
EPP	15 36.1
RCD EP'	09 15 31.0
TUC IP'	09 15 31.2
EPKKP	25 37.0
E	26 51.0
ESKKP	29 33.0
ALQ IP'	09 15 37.2
GCA EP'	09 15 39.1
E	15 47.7
PKKP	26 03.0
WSC EP'	09 16 03.9
CSC EP'	09 16 08.0
EPP	19 30.0
SJG EP'	09 16 38.0
APR 23	
H-09 16 34.5	
5.9N 126.3E	
h ABOUT 62KM	
BRW EP	09 28 40.3
COL EP	09 28 53.0
APR 23	
COL EP	09 42 11.0
BRW E(P)	09 42 06.7
APR 23	
H-09 51 11.3	
10.8N 125.5E	
h ABOUT 33KM	
BRW EP	10 02 56.6
COL EP	10 03 12.3
APR 23	
COL E(P)	11 00 00.9
BRW E(P)	11 00 19.8
APR 23	
CED E(P)	11 05 15.9
EL	05 44.3
TUC E(P)	11 05 37.5
EUR E(P)	11 06 42.5
APR 23	
H-11 06 46.6	
00.8S 121.6E	
h ABOUT 30KM	
COL EP	11 19 50.6
ALQ EP'	11 25 42.0
APR 23	
H-11 08 07.5	
39.0N 021.2E	
h ABOUT 21KM	
BMO EP	11 21 00.0
APR 23	
GUA EP	11 45 52.0
APR 23	
COL E(P)	11 55 05.0
APR 23	
ALQ E(P)	12 00 42.0
APR 23	
COL EP	12 16 05.8
APR 23	
ALQ EP	12 26 05.8
APR 23	
H-13 23 11.7	
66.0N 037.1W	
h ABOUT 33KM	
BRW EP	13 30 21.5
COL EP	13 30 46.0
HHM E(P)	13 31 01.8
BMO EP	13 31 35.2
EUR EP	13 32 07.9
APR 23	
BMO E(P)	14 04 15.9
APR 23	
H-14 19 47.1	
00.3S 122.3E	
h ABOUT 107KM	
BRW E(P)	14 32 33.5
APR 23	
COL EP	14 31 15.5
APR 23	
COL EP	16 10 24.0
APR 23	
HHM EP	17 01 30.5
E	02 03.1
APR 23	
H-18 05 09.6	
52.7N 168.0W	
h ABOUT 19KM	
COL EP	18 08 54.0
BRW EP	18 09 36.9
NEW EP	18 11 37.0
HHM E(P)	18 11 44.0
E	12 04.8
BMO EP	18 11 52.1
E	12 09.7
EUR IP	18 12 26.5
TUC E(P)	18 13 28.5
ALQ E(P)	18 13 35.0
APR 23	
ALQ E(P)	18 15 10.0
APR 23	
H-18 20 55.3	
23.7S 175.8W	
h ABOUT 97KM	
EUR IP	18 33 16.2
BOZ EP	18 33 46.0
COL IP	18 33 48.7
APR 23	
COL IP	19 25 36.0
BMO EP	19 28 44.0
BOZ IP	19 29 01.5
EUR IP	19 29 14.4
E	29 53.4
APR 23	
EUR E(P)	19 49 59.0
APR 23	
EUR IP	20 04 06.5
APR 23	
NEW EP	20 16 25.0
IS	16 46.0
HHM EP	20 16 45.0
E	17 34.3
EUR E(P)	20 18 23.8
APR 23	
H-20 20 54.5	
39.2N 111.4W	
h ABOUT 33KM	
FGU I(P)	20 21 36.7
IL	22 08.1
GCA I(P)	20 21 40.9
IS	21 07.0
IL	21 10.5
EUR IP	20 21 49.1
I	21 54.5
IL	22 43.3
BCN EP	20 21 57.0
E	22 06.5
ALQ IP	20 22 19.5
I	22 44.0
IS	23 24.0
BOZ E(P)	20 22 35.0
E	22 52.0
BMO EP	20 22 43.5
E	23 23.1
TUC E(P)	20 22 51.8
EL	24 18.5
RCD E(P)	20 22 51.0
COL EP	20 27 34.0
APR 23	
EUR E(P)	21 18 09.8
APR 23	
FGU E(P)	21 21 08.0
EL	21 40.2
GCA E(P)	21 21 12.5
IL	21 40.0
EUR IP	21 21 25.8
ALQ EP	21 22 12.5
APR 23	
EUR IP	22 00 08.5
APR 23	
HHM IP	22 02 53.8
EL	03 06.3
NEW EP	22 03 17.0
IS	03 35.0
APR 23	
NEW E(P)	22 03 50.0
ES	04 00.0
APR 23	
EUR EP	22 43 46.2
APR 23	
SJG EP	23 05 21.5
IS	06 19.9
APR 23	
COL IP	23 23 25.8

Date and Station	Phase (GCT)
	h m s
APR 24	
H-00 47 02.6	
39.7N 120.4W	
h ABOUT 33KM	
UKI E(P)	00 47 41.4
SLD EP	00 47 44.0
IL	48 19.9
EUR IP	00 47 54.3
I	48 02.2
IL	48 48.5
APR 24	
BMO E(P)	00 48 49.1
BOZ EP	00 49 41.5
APR 24	
COL EP	00 59 22.0
APR 24	
COL EP	01 09 31.0
APR 24	
EUR EP	01 13 04.2
I	13 14.9
APR 24	
COL EP	02 34 57.0
APR 24	
SIT E(P)	02 47 46.5
E(S)	48 04.0
COL EP	02 49 27.0
BRW EP	02 51 06.7
BMO E(P)	02 51 37.4
BOZ E(P)	02 52 03.5
E	52 17.0
APR 24	
H-02 59 38.6	
39.2N 111.4W	
h ABOUT 33KM	
SLC EP	03 00 07.1
IL	00 34.7
FGU I(P)	03 00 20.6
IL	00 52.0
GCA I(P)	03 00 25.5
IL	00 52.7
EUR E(P)	03 00 32.2
I	00 38.0
BCN E(P)	03 00 51.5
ALQ IP	03 01 03.4
IL	02 34.5
BMO EP	03 01 26.7
E	01 49.8
TUC E(P)	03 01 36.6
EL	03 03.5

Date and Station	Phase (GCT)
	h m s
APR 24	
H-03 28 50.5	
12.8S 169.5E	
h ABOUT 660KM	
COL IP C	03 40 12.5
E	42 27.5
BCN EP	03 40 27.0
EUR EP D	03 40 27.3
EpP	42 48.3
BMO EP	03 40 31.4
TUC EP	03 40 36.7
NEW IP	03 40 37.2
NEW IP	03 40 37.2
BOZ E(P)	03 40 50.0
EpP	43 09.0
APR 24	
COL EP	03 35 27.0
EUR EP	03 35 42.3
BMO EP	03 35 45.5
APR 24	
COL EP	03 47 14.0
APR 24	
BMO E(P)	03 58 15.9
APR 24	
TUC E(P)	04 43 31.0
EL	44 58.5
APR 24	
COL EP	04 46 56.7
APR 24	
H-06 03 50.8	
12.9N 089.2W	
h ABOUT 47KM	
CSC E(P)	06 08 46.0
FGU EP	06 10 24.8
E	10 38.2
EPCP	13 06.0
EUR EP	06 10 47.0
E	11 35.4
EPCP	13 16.6
BOZ IP	06 11 05.0
BMO EP	06 11 21.4
E	11 37.2
COL EP	06 14 28.0
APR 24	
COL EP	06 26 51.0
APR 24	
H-07 02 24.1	
21.1S 179.2W	
h ABOUT 641KM	

Date and Station	Phase (GCT)
	h m s
EUR IP	07 13 51.9
BMO EP	07 14 01.8
NEW EP	07 14 11.0
COL IP D	07 14 11.9
I	15 21.2
FGU EP	07 14 15.8
BOZ EP	07 14 19.5
BRW EP	07 14 33.1
APR 24	
BOZ EP	07 03 33.6
E	03 45.0
APR 24	
BOZ EP	08 48 45.5
APR 24	
EUR EP	09 22 44.3
APR 24	
EUR IP	10 42 14.6
APR 24	
CED IP	12 53 01.5
IS	53 04.2
APR 24	
BOZ IP	13 13 20.0
IL	13 27.5
APR 24	
BRW EP	13 47 36.1
EpP	48 20.8
COL EP	13 48 39.0
BOZ EP	13 51 20.0
EUR E(P)	13 51 23.8
APR 24	
BRW EP	14 01 27.3
APR 24	
BRW EP	15 10 38.5
APR 24	
H-15 13 31.5	
52.6N 169.1W	
h ABOUT 34KM	
COL IP	15 17 20.9
NEW IP	15 20 03.6
BMO EP	15 20 17.0
E	20 30.7
EPCP	22 50.9
BOZ EP	15 20 42.5
EUR EP	15 20 50.8
EPCP	23 03.7
RCD E(P)	15 21 30.5
TUC EP	15 21 54.0

Date and Station	Phase (GCT)
	h m s
APR 24	
H-15 41 03.2	
13.7N 088.3W	
h ABOUT 33KM	
BOZ EP	15 48 16.5
BMO E(P)	15 48 33.7
E	48 52.3
APR 24	
BMO E(P)	16 03 39.3
APR 24	
BMO EP	19 50 42.4
APR 24	
H-20 42 56.7	
1.5N 126.5E	
h ABOUT 107KM	
BRW EP C	20 55 20.7
E	55 35.9
COL EP	20 55 30.0
APR 24	
EUR IP	21 29 35.0
APR 24	
H-21 29 43.1	
66.8N 135.8W	
h ABOUT 33KM	
COL EP	21 31 00.5
I	31 22.6
I(S)	32 12.0
IL	32 26.1
BRW E(P)	21 31 40.5
I	31 53.0
E(S)	33 26.0
NEW IP	21 34 24.2
BMO EP	21 34 56.8
E	35 05.3
BOZ EP	21 35 03.0
EUR E(P)	21 36 39.9
ALQ E(P)	21 36 44.5
APR 24	
EUR IP	21 56 42.0
APR 24	
EUR IP	22 04 29.5
APR 24	
ALQ IP	22 27 05.6
APR 24	
EUR EP	22 46 16.1
APR 24	
H-23 04 04.8	
17.8N 060.6W	
h ABOUT 41KM	
SJG EP	23 05 21.2
ES	06 20.0

Date and Station	Phase (GCT)
	h m s
BOZ EP	23 13 00.0
EUR EP	23 13 15.1
EPCP	14 26.7
BMO EP	23 13 27.9
NEW EP	23 13 32.0
E	13 45.0
COL EP	23 15 30.8
APR 24	
ALQ IP	23 35 21.5
APR 25	
COL E(P)	01 29 47.6
APR 25	
H-02 10 15.2	
22.0S 068.5W	
h ABOUT 115KM	
TUC EP	02 21 00.5
BCN IP	02 21 31.5
E	22 14.0
FGU EP	02 21 35.4
EUR EP	02 21 49.0
I	22 01.3
BOZ EP	02 22 02.0
E	22 23.5
E	22 34.5
BMO EP	02 22 13.3
E	22 34.7
HHM E(P)	02 22 23.5
APR 25	
EUR EP	02 46 48.0
APR 25	
COL EP	03 30 11.0
APR 25	
BMO E(P)	04 05 50.7
APR 25	
TUC E(P)	04 27 48.0
APR 25	
BCN EP	04 30 08.5
APR 25	
H-04 32 29.3	
42.3S 075.6W	
h ABOUT 33KM	
TUC EP	04 44 42.8
ALQ IP	04 44 46.5
GCA E(P)	04 45 18.0
FGU EP	04 45 19.2
EUR IP	04 45 24.0
BOZ EP	04 45 40.5

Date and Station	Phase (GCT)
	h m s
APR 25	
H-04 57 52.3	
05.8S 148.9E	
h ABOUT 125KM	
COL EP	05 10 10.4
APR 25	
BMO EP	05 21 30.6
EUR IP	05 21 52.8
APR 25	
H-05 52 47.5	
8.5N 103.7W	
h ABOUT 33KM	
EUR IP	05 59 20.0
APR 25	
EUR IP	07 15 11.2
APR 25	
H-07 32 25.8	
38.9N 070.4E	
h ABOUT 9KM	
COL EP	07 43 51.0
APR 25	
H-07 48 11.3	
52.7N 168.6W	
h ABOUT 33KM	
COL EP	07 51 58.0
BOZ EP	07 55 18.0
EUR E(P)	07 55 28.0
APR 25	
H-08 34 06.3	
19.0S 175.1W	
h ABOUT 223KM	
BCN EP	08 45 47.0
TUC EP	08 45 52.2
EUR IP	08 45 52.9
BMO EP	08 46 04.5
COL IP	08 46 23.2
BOZ EP	08 46 24.5
APR 25	
COL EP	08 34 19.0
BMO P	08 37 26.8
EUR EP	08 37 51.8
APR 25	
COL EP	09 39 10.7
APR 25	
COL IP	10 21 46.8
APR 25	
H-10 41 58.6	
21.0S 178.7W	
h ABOUT 560KM	

Date and Station	Phase (GCT)
	h m s
GUA EP	10 50 01.0
SLD EP	10 53 07.6
E▸P	55 09.9
CED EP	10 53 12.9
E▸P	55 11.9
BCN EP C	10 53 25.5
E▸P	55 26.3
EUR IP	10 53 31.0
I▸P	55 35.8
TUC IP C	10 53 31.2
E▸P	55 32.1
BMO EP	10 53 41.6
E▸P	55 43.5
SLC EP	10 53 48.3
E▸P	55 51.4
NEW EP	10 53 50.0
E▸P	55 53.0
GCA E(P)	10 53 51.5
E▸P	55 57.0
ALQ IP	10 53 51.6
I▸P	55 54.4
COL IP C	10 53 52.5
I▸P	55 59.0
FGU IP C	10 53 55.2
E▸P	55 58.1
ESKS	11 03 34.0
ES	04 02.5
BOZ IP	10 54 00.0
E▸P	56 03.2
HHM EP	10 54 01.7
APR 25	
COL EP	11 03 54.0
APR 25	
TUC E(P)	11 11 43.6
APR 25	
COL EP	13 40 21.5
APR 25	
COL EP	13 45 23.0
APR 25	
TUC EP	14 16 26.2
APR 25	
COL EP	15 44 55.0
APR 25	
ALQ IP	15 53 28.0
I	53 58.0
HHM E(P)	15 55 02.0
APR 25	
EUR EP	16 15 56.2
APR 25	
EUR EP	17 42 18.5

Date and Station	Phase (GCT)
	h m s
APR 25	
TUC E(P)	18 33 17.0
APR 25	
H-18 38 00.1	
36.9N 115.9W	
h ABOUT 0KM	
EUR IP	18 38 43.2
CED IP	18 38 47.4
SLD EP	18 39 06.6
EL	40 14.5
GCA I(P)	18 39 08.8
EL	39 49.0
SLC IP	18 39 21.1
I	39 37.9
TUC EP	18 39 34.0
EL	41 13.0
FGU IP C	18 39 40.8
I	39 55.5
ALQ IP	18 39 58.0
I	40 27.0
IL	42 15.5
BMO EP	18 40 01.6
E	40 34.2
BOZ EP	18 40 20.5
NEW EP	18 40 48.0
EL	44 14.0
HHM IP	18 40 49.7
I	41 02.5
IL	44 17.0
COL EP	18 44 45.0
APR 25	
TUC E(P)	18 53 02.0
HHM E(P)	18 53 31.5
E	54 06.7
APR 25	
ALQ IP	19 54 28.6
I	54 49.5
APR 25	
EUR E(P)	19 58 52.8
APR 25	
TUC E(P)	20 04 26.1
APR 25	
BMO E(P)	20 21 14.2
COL EP	20 21 34.0
BOZ EP	20 21 34.6
E	22 12.5
APR 25	
EUR EP	21 12 23.0

Date and Station	Phase (GCT)
	h m s
APR 25	
H-21 20 40.0	
50.4N 029.3W	
h ABOUT 29KM	
BOZ EP	21 29 53.0
FGU EP	21 30 04.7
BMO E(P)	21 30 18.2
EUR E(P)	21 30 40.0
TUC EP	21 30 50.7
APR 25	
COL IP	21 43 31.2
APR 25	
EUR IP	21 48 38.6
APR 25	
COL IP	21 47 00.8
I	47 10.3
I(S)	48 09.5
IL	48 30.0
BMO EP	21 50 53.5
APR 25	
BMO E(P)	22 00 10.4
APR 25	
COL EP	22 28 07.0
I	28 16.2
I(S)	29 32.6
BMO E(P)	22 31 59.7
APR 25	
COL EP	22 42 38.0
APR 25	
ALQ IP	23 00 49.0
APR 25	
H-23 22 49.3	
41.3N 069.2E	
h ABOUT 5KM	
COL IP	23 34 04.5
BMO E(P)	23 36 02.0
APR 25	
EUR EP	23 30 05.0
APR 25	
EUR E(P)	23 42 23.2
APR 26	
SLD I(P)	01 12 42.2
IL	13 12.0
EUR IP	01 12 56.0
IL	13 33.3
APR 26	
KIP IP	01 22 45.2
APR 26	
H-02 39 38.6	
53.1N 164.6W	
h ABOUT 33KM	

Date and Station	Phase (GCT)
	h m s
COL EP	02 43 04.0
BMO E(P)	02 45 59.7
E	46 13.2
EUR IP	02 46 34.5
APR 26	
FGU E(P)	02 53 52.7
IS	54 13.8
APR 26	
COL EP	03 12 30.0
NEW EP	03 15 10.0
EUR IP	03 15 55.8
APR 26	
EUR E(P)	03 20 21.0
COL EP	03 21 04.5
APR 26	
COL EP	05 20 40.0
APR 26	
EUR EP	06 34 02.5
APR 26	
BCN IP C	06 39 34.6
IS	39 40.3
EUR IP	06 40 29.0
APR 26	
CED IP	09 16 20.4
IS	16 22.9
APR 26	
EUR EP	10 06 58.5
APR 26	
EUR E(P)	10 21 45.0
APR 26	
H-10 45 33.6	
24.7N 096.4E	
h ABOUT 33KM	
COL EP	10 57 29.0
APR 26	
COL EP	11 14 28.2
APR 26	
H-14 00 03.6	
22.9S 070.9W	
h ABOUT 22KM	
TUC EP	14 10 56.5
BMO E(P)	14 12 11.6
APR 26	
WSC E(P)	17 24 16.0
APR 26	
COL EP	17 32 04.0
APR 26	
BCN IP C	18 38 23.4

Date and Station	Phase (GCT)
	h m s
APR 26	
EUR E(P)	18 57 02.0
ALQ EP	19 02 09.5
APR 26	
COL E(P)	19 12 22.0
APR 26	
SJG IP	19 29 21.0
IS	29 40.5
APR 26	
H-19 34 02.9	
20.0S 178.3W	
h ABOUT 590KM	
TUC EP	19 45 30.0
BMO E(P)	19 45 39.6
COL EP	19 45 49.0
APR 26	
ALQ IP	20 17 29.5
APR 26	
ALQ IP	21 16 57.4
APR 26	
EUR IP	21 55 58.2
APR 26	
ALQ IP	22 32 39.5
APR 26	
SJG IP	22 56 17.5
IS	57 09.5
APR 26	
H-23 07 49.6	
20.8S 178.6W	
h ABOUT 594KM	
TUC EP	23 19 18.0
COL IP	23 19 41.4
APR 26	
EUR I(P)	23 14 47.5
APR 27	
H-00 32 28.6	
46.9N 152.8E	
h ABOUT 86KM	
COL EP	00 39 24.0
BMO EP	00 42 22.9
BOZ EP	00 42 41.5
E	42 56.5
EUR IP	00 42 51.0
APR 27	
EUR EP	00 48 04.5
APR 27	
ALQ IP	01 19 26.5
APR 27	
EUR E(P)	03 20 45.5
E	21 17.1

Date and Station	Phase (GCT)
	h m s
APR 27	
SJG IP	05 40 26.5
I(S)	40 55.6
APR 27	
COL EP	06 45 16.0
APR 27	
H-06 55 46.0	
52.9N 152.4E	
h ABOUT 549KM	
COL EP	07 01 26.3
BMO E(P)	07 04 35.0
EUR IP	07 05 05.8
APR 27	
ALQ IP	07 48 32.0
APR 27	
COL E(P)	09 04 24.5
BMO E(P)	09 06 29.2
EUR EP	09 06 46.0
APR 27	
TUC E(P)	10 02 14.9
E	04 20.9
EUR E(P)	10 02 58.3
BMO EP	10 05 08.9
APR 27	
H-10 58 33.4	
.2N 098.9E	
h ABOUT 63KM	
EUR EP'	11 17 39.0
APR 27	
COL EP	13 07 50.3
APR 27	
BMO E(P)	13 44 05.5
APR 27	
H-13 53 51.7	
17.6S 070.9W	
h ABOUT 42KM	
ALQ IP	14 04 11.6
EUR EP	14 05 06.5
I	05 26.2
BOZ EP	14 05 19.0
BMO E(P)	14 05 32.4
E	05 57.3
APR 27	
H-15 09 10.5	
19.8S 069.3W	
h ABOUT 125KM	
BMO E(P)	15 20 56.7
APR 27	
BOZ EP	16 02 19.5

Date and Station	Phase (GCT)
	h m s
APR 27	
ALQ IP	16 39 20.5
APR 27	
H-19 03 13.2	
5.9N 126.2E	
h ABOUT 49KM	
COL EP	19 15 34.0
APR 27	
H-19 48 52.4	
38.2N 042.5E	
h ABOUT 40KM	
COL IP	20 00 41.5
HHM E(P)	20 02 02.5
BOZ EP	20 02 04.5
BMO EP	20 02 15.5
E	02 27.7
EUR IP	20 02 40.1
APR 27	
COL EP	19 51 34.0
APR 27	
EUR IP	20 16 55.5
I	18 41.8
APR 27	
FGU IP	20 22 43.2
EL	24 06.0
BOZ E(P)	20 24 11.0
APR 27	
H-21 33 17.8	
25.1S 179.8E	
h ABOUT 499KM	
BCN EP	21 45 09.7
E▸P	47 00.5
TUC EP	21 45 13.0
E▸P	47 04.8
EUR EP	21 45 14.4
BMO E(P)	21 45 24.5
COL EP	21 45 36.0
APR 27	
EUR IP	21 51 20.2
APR 27	
COL EP	22 00 44.0
APR 27	
BCN IP C	22 22 15.8
IS	22 20.7
APR 27	
HHM E(P)	22 31 51.3
E	32 10.8
APR 27	
H-22 47 14.0	
29.6S 178.1W	
h ABOUT 33KM	

Date and Station	Phase (GCT)
	h m s
EUR E(P)	23 00 10.3
BMO EP	23 00 22.4
APR 27	
EUR IP	23 01 47.6
APR 27	
BOZ EP	23 20 25.0
APR 28	
H-00 17 50.8	
21.8S 179.2W	
h ABOUT 596KM	
BCN EP	00 29 20.0
TUC EP	00 29 24.0
EUR IP	00 29 25.0
GCA EP	00 29 32.7
BMO EP	00 29 34.7
COL IP	00 29 45.5
FGU EP	00 29 47.7
BOZ EP	00 29 52.5
APR 28	
EUR E(P)	00 44 20.1
BMO EP	00 44 51.2
E	44 57.0
APR 28	
H-00 51 59.9	
08.8S 157.7E	
h ABOUT 78KM	
COL IP	01 04 18.8
EUR IP	01 05 06.1
APR 28	
EUR EP	01 13 06.7
APR 28	
H-01 15 36.0	
49.0S 164.2E	
h ABOUT 14KM	
EUR IP'	01 34 10.6
BMO EP'	01 34 16.1
COL EP'	01 34 22.3
HHM EP'	01 34 23.6
BOZ EP'	01 34 24.1
APR 28	
COL IP	01 22 46.0
IL	23 11.1
APR 28	
BOZ E(P)	01 44 35.5
EUR E(P)	01 45 04.5

Date and Station	Phase (GCT)
	h m s
APR 28	
EUR EP	02 04 16.2
APR 28	
BMO E(P)	06 12 52.3
APR 28	
H-06 41 16.5	
53.8N 165.9W	
h ABOUT 33KM	
COL EP	06 44 40.0
BMO E(P)	06 47 43.8
EUR EP	06 48 19.1
FGU E(P)	06 48 44.7
APR 28	
BCN E(P)	06 49 01.0
APR 28	
H-09 01 40.6	
05.9S 104.4E	
h ABOUT 33KM	
EUR EP'	09 20 51.0
APR 28	
BOZ EP	09 56 48.0
APR 28	
BMO E(P)	10 20 47.0
APR 28	
H-10 26 45.5	
39.6N 110.3W	
h ABOUT 0KM	
FGU IP	10 27 14.0
I	27 17.0
IS	28 34.3
SLC EP	10 27 18.6
ES	27 43.2
GCA EP	10 27 31.0
I	27 35.0
IL	28 11.0
EUR IP	10 27 57.0
BOZ EP	10 28 21.0
ALQ I(P)	10 28 24.0
APR 28	
EUR EP	10 35 39.0
APR 28	
H-10 39 12.0	
15.8N 095.1W	
h ABOUT 27KM	
ALQ IP	10 44 02.6
TUC IP C	10 44 03.9
E	44 08.9
ES	48 12.0
CSC E(P)	10 44 10.0
GCA EP	10 44 42.2

Date and Station	Phase (GCT)
	h m s
BCN EP C	10 44 51.3
E	53 51.0
EL	56 23.5
CED EP	10 44 56.1
FGU EP	10 45 02.5
SLC EP	10 45 10.8
E	45 19.3
E	46 16.0
EUR IP C	10 45 19.0
E	45 35.6
I	46 10.0
EL	56 12.5
BOZ EP	10 45 43.5
BMO EP	10 45 59.0
HHM EP	10 46 13.1
E	46 20.7
COL IP	10 49 20.1
APR 28	
H-11 07 28.9	
37.0N 107.1W	
h ABOUT 33KM	
ALQ IP	11 08 02.2
GCA E(P)	11 08 25.5
E	08 33.0
IL	09 13.2
TUC E(P)	11 09 06.8
E	10 17.5
EUR E(P)	11 09 39.0
APR 28	
H-11 47 31.5	
39.0N 021.2E	
h ABOUT 28KM	
COL I(P)	11 59 13.0
BMO EP	12 00 23.2
APR 28	
COL EP	11 51 56.5
APR 28	
COL IP	12 05 15.0
APR 28	
COL IP	13 56 34.1
APR 28	
SJG IP	14 00 08.8
IS	00 28.6
APR 28	
EUR E(P)	16 08 18.7
E	08 56.5
APR 28	
SJG EP'	16 24 54.2
APR 28	
COL EP	16 54 56.0

Date and Station	Phase	Phase (GCT) h m s
APR 28		
BOZ	EP	16 54 59.5
APR 28		
H-16 56 21.3		
19.4S 173.4W		
h ABOUT 36KM		
KIP	EP	17 04 18.6
GUA	EP	17 05 35.0
	ES	13 06.0
BCN	EP	17 08 18.5
TUC	E(P)	17 08 22.5
	ES	18 22.0
EUR	EP	17 08 25.2
	EPP	11 23.6
GCA	EP	17 08 33.7
BMO	EP	17 08 35.8
ALQ	IP	17 08 45.5
FGU	EP	17 08 52.0
COL	IP	17 08 59.1
APR 28		
HON	IP	17 10 31.0
	IS	14 16.6
APR 28		
H-17 13 34.5		
19.2S 173.6W		
h ABOUT 56KM		
BCN	EP	17 25 28.9
TUC	EP	17 25 33.5
EUR	IP	17 25 37.0
BMO	EP	17 25 48.2
ALQ	IP	17 25 57.5
BOZ	EP	17 26 07.5
COL	IP	17 26 10.2
APR 28		
BOZ	EP	18 30 18.5
APR 28		
EUR	IP	19 15 09.2
APR 28		
ALQ	IP	20 47 12.0
APR 28		
H-20 48 22.7		
31.2N 115.3W		
h ABOUT 33KM		
CED	E(P)	20 49 16.6
	I	49 23.5
	IL	50 08.0
TUC	EPN	20 49 23.0
	EPG	49 38.7
BCN	IP D	20 49 35.4
	E	50 00.0
	EL	50 58.5
GCA	IP D	20 50 02.0
	EL	51 46.0
EUR	EP	20 50 20.8
APR 28		
COL	EP	21 16 41.0
APR 28		
COL	EP	21 25 36.0
APR 28		
COL	EP	21 35 42.0
APR 28		
ALQ	IP	22 05 03.5
	I	05 37.4
APR 28		
H-22 30 06.4		
43.8N 127.8W		
h ABOUT 33KM		
BMO	EPN	22 31 56.1
	E	32 07.9
SLD	EP	22 32 06.6
EUR	IP	22 32 31.0
HHM	IP	22 32 37.9
BOZ	EP	22 32 52.5
	EL	35 50.0
CED	EP	22 33 05.0
BCN	EP	22 33 10.0
	E	33 20.5
FGU	EP	22 33 24.0
GCA	EP	22 33 28.5
TUC	EP	22 34 12.2
	ES	37 36.0
RCD	E(P)	22 34 15.8
	E	34 30.0
COL	IP	22 35 17.7
CSC	EP	22 37 16.0
APR 28		
ALQ	IP	22 54 06.4
	I	54 31.0
APR 28		
BMO	E(P)	23 36 23.3
COL	EP	23 36 25.0
APR 29		
H-00 07 51.5		
43.8N 127.8W		
h ABOUT 33KM		
BMO	EPN	00 09 41.3
	E	09 59.0
EUR	IP	00 10 17.5
HHM	EP	00 10 23.1
	E	10 29.1
BOZ	EP	00 10 36.5
	I	10 40.5
CED	EP	00 10 49.0
FGU	E(P)	00 11 07.8
	E	11 21.0
TUC	E(P)	00 11 55.7
ALQ	IP	00 12 10.6
APR 29		
H-01 46 42.2		
53.9N 157.6W		
h ABOUT 28KM		
COL	E(P)	01 49 29.0
	EL	52 33.0
BMO	EP	01 52 27.5
	E	52 40.8
HHM	EP	01 52 28.5
	EPCP	55 44.3
EUR	IP C	01 53 04.1
	E	55 07.1
	EPCP	55 58.7
KIP	IP	01 54 11.7
CED	EP	01 53 29.0
FGU	EP	01 53 29.8
	EPCP	56 04.0
BCN	EP	01 53 30.6
GCA	EP	01 53 40.7
BOZ	I(P)	01 53 54.4
TUC	IP	01 54 12.5
	E	54 22.0
	E	55 48.5
	EPCP	56 19.2
	ES	02 00 26.0
ALQ	IP	01 54 17.6
	IPCP	56 21.5
APR 29		
H-02 25 03.4		
37.0N 140.1E		
h ABOUT 82KM		
COL	IP	02 33 49.5
HHM	EP	02 36 23.1
BMO	IP	02 36 24.5
	EsP	36 55.7
BOZ	IP	02 36 41.0
	EsP	37 12.0
EUR	EP C	02 36 47.5
	EpP	37 09.6
	IsP	37 18.4
FGU	EP	02 37 05.0
TUC	EP	02 37 28.4
APR 29		
H-03 32 20.7		
35.3S 070.7W		
h ABOUT 97KM		
TUC	EP	03 44 04.3
ALQ	IP	03 44 06.8
FGU	E(P)	03 44 40.0
EUR	IP D	03 44 48.2
	EpP	45 14.3
BMO	EP	03 45 11.3
APR 29		
CED	EP	08 04 53.0
	EL	05 27.5
APR 29		
H-08 09 27.6		
36.6N 121.3W		
h ABOUT 7KM		
SLD	I(P)	08 09 37.3
	IS	09 45.2
UKI	E(P)	08 10 14.5
CED	EP	08 10 28.5
EUR	IP	08 10 47.2
	I	11 03.5
	IL	12 03.0
BCN	EP	08 10 48.5
	EL	12 24.5
BMO	E(P)	08 11 43.4
	E	11 59.4
	E	12 08.9
TUC	E(P)	08 11 48.3
FGU	EP	08 12 01.0
APR 29		
COL	EP	09 11 35.0
BMO	EP	09 14 54.2
BOZ	EP	09 15 13.0
EUR	IP	09 15 28.1
APR 29		
H-10 01 44.7		
37.4N 118.9W		
h ABOUT 2KM		
SLD	IP C	10 02 17.8
	IS	02 41.6
	IL	02 44.5
EUR	IP	10 02 36.5

Date and Station	Phase (GCT)
	h m s
CED E(P)	10 02 42.0
EL	03 35.5
BCN EP	10 02 43.0
I	02 49.5
IL	03 38.5
APR 29	
H-10 58 22.4	
40.3N 124.8W	
h ABOUT 33KM	
UKI EP	10 58 49.5
EUR IP	11 00 03.0
BMO EP	11 00 07.9
E	00 25.5
APR 29	
EUR EP	11 56 14.0
APR 29	
CED IP	12 02 07.4
IS	02 10.5
APR 29	
COL EP	12 49 12.0
APR 29	
CED EP	14 13 28.0
IS	13 32.0
APR 29	
COL E(P)	14 23 35.0
BMO EP	14 26 28.9
APR 29	
COL EP	15 47 46.0
APR 29	
ALQ IP	16 13 10.0
I	13 40.0
APR 29	
H-17 13 23.2	
15.7N 093.8W	
h ABOUT 57KM	
ALQ EP	17 18 16.5
APR 29	
COL EP	17 23 50.0
FGU EP	17 26 03.0
EsP	26 13.9
APR 29	
ALQ IP	18 27 15.0
APR 29	
EUR EP	18 37 23.2
APR 29	
COL IP	19 47 41.3
I	47 55.4
IL	48 48.4
APR 29	
COL EP	20 28 00.0

Date and Station	Phase (GCT)
	h m s
APR 29	
SJG IP D	20 46 11.5
IS	46 24.8
APR 29	
FGU IP	21 37 04.4
APR 29	
EUR IP	21 58 37.9
APR 29	
ALQ IP	22 10 22.5
I	10 57.0
APR 29	
ALQ IP	22 30 22.0
I	31 02.5
APR 29	
H-23 03 41.6	
52.1N 160.5E	
h ABOUT 53KM	
COL E(P)	23 09 33.0
BMO EP	23 12 48.7
E	13 06.2
BOZ EP	23 13 08.2
EUR IP	23 13 20.8
APR 29	
ALQ IP	23 25 22.0
I	25 47.2
APR 30	
BOZ E(P)	01 10 05.0
EUR EP	01 10 53.0
APR 30	
BMO EP	01 35 15.3
E	35 31.0
EUR E(P)	01 35 43.7
APR 30	
EUR E(P)	02 02 23.5
BMO E(P)	02 02 33.3
APR 30	
COL EP	02 59 48.0
APR 30	
ALQ IP	03 17 26.5
EUR IP	03 18 32.1
APR 30	
COL EP	05 28 56.0
APR 30	
H-06 24 53.2	
15.9S 167.0E	
h ABOUT 43KM	
COL E(P)	06 37 35.2
EUR IP	06 37 52.1
BMO EP	06 37 54.5

Date and Station	Phase (GCT)
	h m s
APR 30	
H-06 27 38.2	
48.0N 113.8W	
h ABOUT 33KM	
HHM IP	06 27 47.2
IS	27 56.2
BUT E(P)	06 28 12.4
BOZ EP	06 28 20.0
ES	28 50.5
APR 30	
COL IP	06 37 13.4
APR 30	
H-07 58 22.2	
23.0S 069.0W	
h ABOUT 94KM	
BOZ EP	08 10 14.5
BMO EP	08 10 25.7
EsP	11 01.5
APR 30	
TUC E(P)	08 08 34.2
APR 30	
H-08 09 31.3	
44.8S 081.2W	
h ABOUT 33KM	
ALQ EP	08 21 52.0
BCN EP	08 22 10.2
FGU EP	08 22 24.0
EUR IP	08 22 26.8
APR 30	
ALQ IP	08 21 19.5
APR 30	
COL EP	08 59 26.0
APR 30	
COL E(P)	09 00 28.4
APR 30	
COL EP	09 29 40.0
APR 30	
TUC E(P)	10 07 11.5
APR 30	
COL IP	11 30 02.9
E	41 20.0
APR 30	
COL IP	12 18 47.7
BMO E(P)	12 20 30.5
APR 30	
H-13 01 16.8	
18.7N 106.9W	
h ABOUT 43KM	
TUC EP	13 04 34.2
ES	07 12.0

Date and Station	Phase (GCT)
	h m s
ALQ EP	13 05 03.5
CED EP	13 05 28.8
BCN EP C	13 05 33.5
EL	12 44.0
GCA EP	13 05 35.0
EUR IP D	13 06 11.0
I	06 27.0
E(S)	10 32.0
SLD IP	13 06 11.0
FGU EP	13 06 12.0
SLC EP	13 06 14.0
I	06 29.5
RCD E(P)	13 06 43.0
BOZ EP	13 06 57.8
EPCP	10 20.0
ES	12 14.0
BMO EP	13 06 59.7
CSC E(P)	13 07 04.0
HHM EP	13 07 24.2
E(S)	12 36.2
E(L)	18 59.2
SJG EP	13 08 39.5
COL EP	13 10 36.0
APR 30	
HON E(P)	13 18 48.0
APR 30	
BOZ EP	13 36 39.5
APR 30	
H-13 41 11.8	
41.1N 072.1E	
h ABOUT 33KM	
COL IP	13 52 20.3
HHM E(P)	13 54 12.2
BOZ EP	13 54 26.6
BMO E(P)	13 54 27.5
APR 30	
BOZ EP	13 43 52.0
E	44 33.8
EUR EP	13 44 21.2
APR 30	
BMO E(P)	13 45 04.3
APR 30	
H-14 01 36.0	
28.6N 138.4E	
h ABOUT 484KM	
BOZ EP	14 13 09.0
EUR IP	14 13 12.1

Date and Station	Phase (GCT)	Date and Station	Phase (GCT)	Date and Station	Phase (GCT)	Date and Station	Phase (GCT)
	h m s		h m s		h m s		h m s
APR 30							
BMO EP	14 02 53.4						
APR 30							
COL EP	15 43 19.7						
APR 30							
BOZ IP	17 20 17.0						
IL	20 27.0						
APR 30							
BOZ EP	18 22 39.5						
E	23 07.0						
E	26 26.0						
APR 30							
HHM E(P)	18 27 03.7						
APR 30							
H-18 29 14.1							
39.6N 110.4W							
h ABOUT 0KM							
FGU IP	18 29 42.5						
GCA E(P)	18 30 00.0						
IL	30 39.5						
EUR E(P)	18 30 33.8						
ALQ IP	18 32 26.5						
I	32 28.5						
I	32 33.4						
APR 30							
COL IP	19 21 59.9						
APR 30							
H-19 23 10.2							
22.3S 179.6W							
h ABOUT 527KM							
BMO E(P)	19 35 03.2						
APR 30							
COL EP	19 49 51.0						
APR 30							
COL IP	20 03 42.6						
APR 30							
GUA EP	20 59 17.7						
APR 30							
EUR EP	21 04 48.0						
APR 30							
EUR IP	21 21 53.1						
APR 30							
ALQ IP	21 32 22.6						
EUR IP	22 00 38.0						
APR 30							
COL IP	23 26 14.6						