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SEISMOLOGICAL BULLETIN

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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

A-5337 USCOMM-ESSA-DC

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
1	00 15 09*	52.3 S	5.0 W	33		SOUTH ATLANTIC RIDGE.
1	05 06 06.0	36.6 S	72.9 W	28	4.5	NEAR COAST OF CENTRAL CHILE. FELT AT CONCEPCION.
1	05 38 30*	18.3 S	69.8 W	139		NORTHERN CHILE.
1	05 58 24.6	42.0 N	66.3 E		4.7	CENTRAL KAZAKH SSR.
1	07 07 50.4	34.9 N	46.1 E	50	4.3	WESTERN IRAN.
1	08 20 49.1	15.9 S	167.2 E	30	5.2	NEW HEBRIDES ISLANDS.
1	09 07 56*	6.6 N	73.0 W	181	3.9	NORTHERN COLOMBIA.
1	11 41 29.1	14.9 N	93.5 W	33	4.3	NEAR COAST OF CHIAPAS, MEXICO.
1	13 47 20*	34.7 S	112.0 W	33	4.3	EASTER ISLAND CORDILLERA.
1	14 25 05*	35.2 S	112.9 W	33	4.6	EASTER ISLAND CORDILLERA.
1	14 58 40*	18.7 S	168.8 E	153		NEW HEBRIDES ISLANDS.
1	15 02 37.9	43.8 N	43.8 E	33		WESTERN CAUCASUS.
1	15 19 35*	16.2 N	96.4 W	65	4.4	OAXACA, MEXICO.
1	15 59 46.9	45.3 N	150.0 E	65	5.1	KURILE ISLANDS.
1	17 56 25*	23.3 S	179.8 E	545	5.1	SOUTH OF FIJI ISLANDS.
1	19 22 14.3	16.6 N	99.5 W	33	3.5	NEAR COAST OF GUERRERO, MEXICO.
2	02 25 29*	46.7 N	12.7 E	33		NORTHERN ITALY.
2	05 34 05.2	17.9 S	173.0 W	59	5.2	TONGA ISLANDS REGION.
2	09 20 09.3	33.8 N	73.1 E	46	5.1	WEST PAKISTAN. FELT AT RAWALPINDI AND HAVELIAN
2	13 07 55.5	37.3 N	121.6 W	9		CENTRAL CALIFORNIA. MAG. 2.7-3 (BRK).
2	13 17 53*	18.2 N	146.3 E	16	4.7	MARIANA ISLANDS.
2	17 10 33.9	21.6 S	176.6 W	226	4.2	FIJI ISLANDS REGION.
3	00 47 19.2	21.7 S	68.4 W	117	5.3	CHILE-BOLIVIA BORDER REGION. MAG. 4.5-4.9 (BRK).
3	02 05 58.4	33.6 S	70.1 W	33	4.8	CHILE-ARGENTINA BORDER REGION. FELT AT SANTIAGO.
3	02 11 57.5	20.9 S	178.3 W	489	4.6	FIJI ISLANDS REGION.
3	02 19 44.3	49.5 N	154.8 E	139	4.9	KURILE ISLANDS.
3	04 57 37.9	26.0 S	179.4 W	230	3.8	SOUTH OF FIJI ISLANDS.
3	05 48 10.1	0.1 N	123.5 E	165	6.0	NORTHERN CELEBES.
3	07 22 09.0	19.7 S	70.9 W	44	4.2	NEAR COAST OF NORTHERN CHILE.
3	11 58 35.3	16.6 N	120.0 E	69	5.5	LUZON, PHILIPPINE ISLANDS. FELT AT BAGUIO.
3	13 23 29.8	38.6 N	14.8 E	257	4.2	SICILY.
3	17 11 19.4	24.2 N	121.9 E	33	5.2	TAIWAN.
3	17 21 08.5	24.2 N	121.8 E	44	5.2	TAIWAN.
3	17 57 38.9	24.2 N	122.1 E	17	4.9	TAIWAN REGION.
3	18 17 37.1					37°07'35.0"N.116°04'10.0"W. NEVADA TEST SITE. "PLAID II" SHOT ELEVATION 1028.4 METERS (AEC).

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
3	20 00 07*	46.7 N	153.3 E	33	4.4	KURILE ISLANDS.
4	03 42 33*	16.6 N	96.2 W	64	3.6	OAXACA, MEXICO.
4	04 02 58.1	15.4 S	173.5 W	143	4.7	TONGA ISLANDS.
4	05 04 21.7	21.5 S	174.1 W	7	4.5	TONGA ISLANDS.
4	08 38 00.5	34.3 N	24.0 E	22	4.8	CRETE.
4	09 51 08.7	21.3 S	174.5 W	116	4.0	TONGA ISLANDS.
4	10 39 11.1	15.9 S	167.9 E	179	5.9	NEW HEBRIDES ISLANDS.
4	15 36 34.0	21.3 S	174.3 W	55	4.9	TONGA ISLANDS.
4	16 15 56*	6.6 N	82.2 W	33	4.3	SOUTH OF PANAMA.
4	17 59 39.8	17.5 N	46.5 W	33	4.4	NORTH ATLANTIC RIDGE.
4	20 44 55.8	45.9 S	123.0 E	33	5.2	SOUTH OF AUSTRALIA.
4	20 53 33.7	12.4 N	114.4 E	23	5.3	SOUTH CHINA SEA.
4	22 14 42.6	7.1 S	155.0 E	93	5.0	SOLOMON ISLANDS.
4	22 49 28.7	18.4 S	168.1 E	112	4.2	NEW HEBRIDES ISLANDS.
5	01 25 34.5	53.0 N	162.2 E	33	4.5	OFF EAST COAST OF KAMCHATKA.
5	02 01 45.5	39.1 N	21.7 E	22	5.6	GREECE. MAG. 6 1/4 (PAS), 5-5 3/4 (BRK). 1 KILLED, 60 INJURED, MANY HOMELESS, TOWNS OF ALESTIA, FOURNA, KLISTOS AND KRENTI DESTROYED. FELT IN CENTRAL GREECE.
5	02 11 09.2	39.1 N	21.9 E	34	4.9	GREECE. FELT.
5	02 58 00.2	39.2 N	21.9 E	41	5.3	GREECE. FELT.
5	07 08 52.9	21.5 S	170.4 E	165	5.4	LOYALTY ISLANDS REGION.
5	07 36 56*	14.9 S	71.5 W	114	3.7	PERU.
5	09 02 17*	57.3 N	139.1 W	33	3.8	OFF COAST OF SOUTHEASTERN ALASKA.
5	14 24 48.2	52.6 N	158.9 E	75	5.3	NEAR EAST COAST OF KAMCHATKA.
5	15 12 33.0	26.2 N	103.1 E	35	6.0	YUNNAN PROVINCE, CHINA.
5	16 07 56.9	26.3 N	103.4 E	33	5.0	YUNNAN PROVINCE, CHINA.
5	16 16 01.9	50.0 N	155.4 E	104	5.9	KURILE ISLANDS. MAG. 5-5.3 (BRK).
5	17 10 26.3	15.0 S	172.8 W	50	4.6	SAMOA ISLANDS REGION.
5	18 33 30*	19.2 S	67.5 W	236	3.8	SOUTHERN BOLIVIA.
5	18 55 25.1	26.5 N	103.0 E	15	5.3	SZECHWAN PROVINCE, CHINA.
5	23 14 25.7	7.1 S	155.3 E	72	4.9	SOLOMON ISLANDS.
5	23 23 31*	17.0 S	168.4 E	33	4.2	NEW HEBRIDES ISLANDS.
5	23 34 35.4	19.0 S	69.2 W	167	5.1	NORTHERN CHILE.
6	02 17 00.6	11.0 N	126.8 E	10	5.2	PHILIPPINE ISLANDS REGION.
6	04 12 26.9	15.9 N	93.6 W	92	5.2	NEAR COAST OF CHIAPAS, MEXICO.
6	05 03 26.6	38.0 N	118.6 W	33	3.9	CALIFORNIA-NEVADA BORDER REGION. MAG. 3.5-3.8 (BRK).
6	09 13 21.7	26.3 N	103.1 E	14	5.4	YUNNAN PROVINCE, CHINA.
6	09 52 33.4	56.8 S	25.5 W	33	5.5	SOUTH SANDWICH ISLANDS REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
6	10 16 18.4	40.4 N	127.0 W	33	4.6	OFF COAST OF NORTHERN CALIFORNIA. MAG. 4.6-5 (BRK).
6	10 59 28*	6.9 S	128.7 E	213	4.9	BANDA SEA.
6	12 03 52*	36.9 N	107.1 W	5		NEW MEXICO.
6	13 24 38.3	39.0 N	21.7 E	36	4.2	GREECE. FELT IN EURYTANIA AREA.
6	14 24 59.8	22.2 S	179.4 W	562	3.8	SOUTH OF FIJI ISLANDS.
6	17 33 37*	36.9 N	107.2 W	5		NEW MEXICO.
6	19 05 17.6	36.9 N	137.8 E	33	4.4	HONSHU, JAPAN. SLIGHT DAMAGE AT MATSUSHIRO.
6	20 21 12*	40.4 N	126.2 W	33	4.6	OFF COAST OF NORTHERN CALIFORNIA.
6	21 23 55*	45.8 N	153.9 E	64	4.4	KURILE ISLANDS REGION.
6	23 28 07.7	60.4 N	152.3 W	91	5.3	SOUTHERN ALASKA. FELT AT ANCHORAGE AND IN KENAI PENINSULA AREA.
7	04 26 10.6	29.9 N	69.7 E	10	6.0	WEST PAKISTAN. MAG. 6 1/4-6 1/2 (PAS), 6 1/2-6 3/4 (PAL). 12 KILLED, AT LEAST 40 INJURED, EXTENSIVE PROPERTY DAMAGE AT BARKHAN AND NEARBY VILLAGES. FELT AT BAHAWALPUR, FORT MUNRO AND LAHORE.
7	05 21 45.0	30.0 N	69.9 E	13	5.4	WEST PAKISTAN. FELT.
7	05 30 15.5	30.0 N	69.8 E	23	5.4	WEST PAKISTAN. FELT.
7	06 57 01.4	30.1 N	70.2 E	24	4.8	WEST PAKISTAN.
7	07 16 21*	10.3 S	162.5 E	33	4.5	SOLOMON ISLANDS.
7	07 28 19.0	30.3 N	70.0 E	43	4.7	WEST PAKISTAN.
7	07 40 23.0	19.1 N	108.0 W	33	4.9	OFF COAST OF JALISCO, MEXICO.
7	08 38 10.5	30.1 N	70.0 E	9	4.7	WEST PAKISTAN. FELT.
7	08 41 18.4	14.4 S	73.8 W	7	4.9	PERU.
7	08 48 35.4	51.2 N	130.0 W	34	4.9	QUEEN CHARLOTTE ISLANDS REGION.
7	12 22 42*	5.7 S	146.5 E	60	5.2	EAST NEW GUINEA REGION.
7	12 50 29.0	53.2 N	162.1 W	33	4.4	SOUTH OF ALASKA.
7	14 03 03.3	52.0 N	128.0 W	33	3.7	VANCOUVER ISLAND REGION.
7	14 59 49.1	24.8 S	68.8 W	102	4.5	CHILE-ARGENTINA BORDER REGION.
7	17 00 18.5	13.4 S	172.8 E	619	4.2	NEW HEBRIDES ISLANDS REGION.
7	17 55 38.8	36.4 N	117.9 W	33	3.5	CALIFORNIA-NEVADA BORDER REGION.
7	23 06 34.7	30.3 N	69.9 E	11	5.8	WEST PAKISTAN. MAG. 6 1/4-6 1/2 (PAL). FELT IN LORALAI DISTRICT, BAHAWALPUR, FORT MONRO AND MULTAN.
8	00 03 21.3	30.2 N	69.9 E	34	5.0	WEST PAKISTAN.
8	00 11 31.7	30.0 N	69.9 E	36	4.1	WEST PAKISTAN.
8	00 25 56.9	29.9 N	69.9 E	19		WEST PAKISTAN.
8	02 59 26*	14.9 N	92.9 W	13	4.2	NEAR COAST OF CHIAPAS, MEXICO.
8	04 10 43.2	21.7 S	168.4 E	33	4.7	LOYALTY ISLANDS REGION.
8	05 11 51.2	14.3 N	93.1 W	33	3.9	NEAR COAST OF CHIAPAS, MEXICO.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
8	05 53 05.6	30.2 N	70.1 E	6	5.1	WEST PAKISTAN.
8	06 19 53*	14.9 N	92.9 W	33	3.9	NEAR COAST OF CHIAPAS, MEXICO.
8	06 57 02*	37.3 N	121.7 W	10		CENTRAL CALIFORNIA. MAG. 2.9-3.1 (BRK).
8	07 09 04*	36.3 N	141.4 E	38	4.7	NEAR EAST COAST OF HONSHU, JAPAN.
8	07 58 28*	51.2 N	129.2 W	33	4.9	QUEEN CHARLOTTE ISLANDS REGION.
8	10 02 10.6	21.2 S	178.6 W	544	5.3	FIJI ISLANDS REGION. MAG. 4.2-4.8 (BRK).
8	13 16 21.3	36.2 N	28.1 E	74	5.3	DODECANESE ISLANDS. FELT ON RHODES ISLAND.
8	14 54 30.5	24.2 S	67.3 W	173	4.9	CHILE-ARGENTINA BORDER REGION.
8	16 10 06*	18.6 N	106.5 W	33	4.0	OFF COAST OF JALISCO, MEXICO.
8	17 06 45.3	18.8 N	106.8 W	33	4.3	OFF COAST OF JALISCO, MEXICO. MAG. 5 1/4 (PAS).
8	19 50 04.9	60.3 N	140.7 W	33	3.9	SOUTHEASTERN ALASKA.
8	20 08 05.0	41.1 N	25.0 E	33	4.9	GREECE-BULGARIA BORDER REGION. FELT AT DRAMA, KAVALLA, AND XANTHE, GREECE.
8	20 49 52*	5.0 N	126.1 E	38	4.8	MINDANAO, PHILIPPINE ISLANDS.
8	23 27 01.2	8.8 S	67.5 E	33	4.4	MID-INDIAN RISE.
9	00 55 18.5	14.5 N	93.0 W	28	5.2	NEAR COAST OF CHIAPAS, MEXICO. MAG. 5.1-5.5 (BRK).
9	01 19 23*	7.0 N	73.0 W	152	4.5	NORTHERN COLOMBIA.
9	03 55 04.7	16.6 S	72.3 W	75	4.4	NEAR COAST OF PERU. FELT AT AREQUIPA.
9	04 40 27.1	56.6 S	25.5 W	21	5.9	SOUTH SANDWICH ISLANDS REGION. MAG. 6 1/4-6 1/2 (PAL).
9	05 36 22.3	40.8 N	25.9 E	48	4.4	AEGEAN SEA.
9	06 22 44.6	12.7 N	87.8 W	98	4.4	NEAR COAST OF NICARAGUA.
9	07 18 47.8	9.8 S	116.4 E	35	5.9	SUMBAWA ISLAND REGION.
9	08 14 04.8	2.0 N	94.6 E	33	5.3	OFF W. COAST OF NORTHERN SUMATRA.
9	08 22 17.7	29.9 N	69.8 E	28	5.2	WEST PAKISTAN. FELT IN QUETTA, MULTAN AND BAHAWALPUR AREAS.
9	08 42 28*	56.5 S	25.4 W	33		SOUTH SANDWICH ISLANDS REGION.
9	09 53 30.8	26.0 S	177.7 W	170	4.7	SOUTH OF FIJI ISLANDS.
9	10 46 57.3	56.5 S	25.2 W	50	5.5	SOUTH SANDWICH ISLANDS REGION.
9	13 57 48.6	35.3 S	106.0 W	33	5.4	EASTER ISLAND CORDILLERA. MAG. 5 1/4-5 1/2 (PAL).
9	14 44 23.5	37.3 N	134.9 E	359	4.9	SEA OF JAPAN.
9	15 13 29.2	15.2 S	75.3 W	45	5.5	NEAR COAST OF PERU. MAG. 5 1/2-5 3/4 (PAL).
9	19 56 51.9	56.6 S	25.5 W	33		SOUTH SANDWICH ISLANDS REGION.
9	20 13 50.1	27.4 S	26.7 E	33		REPUBLIC OF SOUTH AFRICA.
9	20 30 23.2	1.7 S	77.9 W	167	4.9	ECUADOR.
9	20 42 32*	44.6 N	149.0 E	50	4.6	KURILE ISLANDS.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
9	22 26 09.7	30.1 N	69.9 E	31	4.5	WEST PAKISTAN.
9	23 33 00.7	32.6 N	141.6 E	48	4.7	SOUTH OF HONSHU, JAPAN.
10	00 19 42*	1.7 N	90.4 W	33	4.4	GALAPAGOS ISLANDS REGION.
10	01 24 11.8	29.8 S	178.6 W	9	4.6	KERMADEC ISLANDS REGION.
10	01 59 26.4	30.0 S	178.3 W	24	4.5	KERMADEC ISLANDS REGION.
10	05 29 13.6	31.1 N	141.6 E	33	5.3	SOUTH OF HONSHU, JAPAN.
10	06 23 38.9	15.7 N	60.4 W	54	4.2	LEEWARD ISLANDS.
10	10 43 30.6	16.7 S	73.9 W	15	4.8	NEAR COAST OF PERU.
10	12 38 51.6	56.6 N	153.4 W	33	4.3	KODIAK ISLAND REGION.
10	13 21 45.0	39.0 N	21.7 E	33	4.5	GREECE. FELT IN EURYTANIA AREA.
10	14 19 47.3	37.8 N	121.8 W	3		CENTRAL CALIFORNIA. MAG. 3.7 (BRK). FELT IN ALAMEDA AND CONTRA COSTA COUNTIES. HYPOCENTER BY BERKELEY.
10	14 21 08.7	37.9 N	121.8 W	3		CENTRAL CALIFORNIA. MAG. 3.1 (BRK). HYPOCENTER BY BERKELEY.
10	14 21 11.2	20.8 N	146.3 E	46	6.2	MARIANA ISLANDS REGION. MAG. 6 1/2 (PAS), 6.5 (BRK), 6 1/4-6 1/2 (PAL).
10	14 41 16*	20.7 N	146.9 E	033		MARIANA ISLANDS REGION.
10	14 57 59.7	39.2 N	71.5 E	93		TADZHIK SSR.
10	14 58 04.4	19.4 S	173.1 W	12	5.0	TONGA ISLANDS.
10	15 51 23.6	5.3 S	150.6 E	154	5.1	NEW BRITAIN REGION.
10	20 13 35.5	47.2 N	150.8 E	180	5.3	KURILE ISLANDS.
10	23 31 26.5	14.5 N	92.8 W	33	4.4	NEAR COAST OF CHIAPAS, MEXICO.
11	04 46 23.3	10.8 N	143.9 E	29	5.1	SOUTH OF MARIANA ISLANDS.
11	06 22 17.7	36.9 N	106.9 W	7		NEW MEXICO. FELT IN DULCE AREA.
11	06 36 12.4	19.1 N	64.4 W	14	3.8	VIRGIN ISLANDS.
11	06 49 35.6	39.2 N	21.4 E	16	4.3	GREECE.
11	12 08 43.9	37.0 N	107.0 W	5		NEW MEXICO.
11	13 10 25.4	2.5 S	139.7 E	56	4.9	NEAR N. COAST OF WEST NEW GUINEA.
11	14 31 25.1	4.3 N	125.8 E	72	4.6	TALAUD ISLANDS.
11	20 36 26.0	42.1 N	111.4 W	33	3.5	EASTERN IDAHO. FELT AT MONTPELIER, OVID AND PARIS.
11	22 03 00*	22.3 S	66.5 W	171	4.1	JUJUY PROVINCE, ARGENTINA.
11	22 38 37*	18.1 N	101.1 W	143	3.7	GUERRERO, MEXICO.
11	22 43 07.2	36.5 N	70.4 E	225		HINDU KUSH REGION.
11	23 53 36.5	12.7 N	141.9 E	54	4.9	SOUTH OF MARIANA ISLANDS.
12	01 17 13.6	51.6 N	172.7 W	33	4.2	ANDREANOF ISLANDS, ALEUTIAN IS.
12	02 55 15.5	31.0 S	177.5 W	33	4.4	KERMADEC ISLANDS REGION.
12	04 32 14.7	35.9 N	90.0 W	33	4.3	ARKANSAS. FELT AT BLYTHEVILLE AIR FORCE BASE, LEACHVILLE, MANILA, ARKANSAS AND STEELE, MISSOURI.
12	06 17 34*	35.0 N	140.8 E	33	4.3	NEAR EAST COAST OF HONSHU, JAPAN.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
12	08 04 55.4	39.2 N	71.6 E	42	4.7	TADZHIK SSR.
12	08 36 36.5	16.1 N	91.7 W	167	3.9	MEXICO-GUATEMALA BORDER REGION.
12	08 47 34*	19.2 S	178.5 W	642	4.1	FIJI ISLANDS REGION.
12	09 24 27*	51.1 N	178.7 E	33	4.1	RAT ISLANDS, ALEUTIAN ISLANDS.
12	09 52 39*	42.3 N	111.2 W	33	3.2	EASTERN IDAHO.
12	11 39 27.1	18.3 S	174.8 W	203	5.6	TONGA ISLANDS.
12	12 41 53*	20.9 S	178.7 W	586	4.4	FIJI ISLANDS REGION.
12	13 36 18.3	38.9 N	21.6 E	17	4.6	GREECE.
12	15 23 08.7	32.8 N	116.5 W	16	4.3	CALIFORNIA-MEXICO BORDER REGION. MAG. 3 (PAS).
12	16 34 10.5	36.7 N	71.5 E	175	4.9	AFGHANISTAN-USSR BORDER REGION.
12	20 15 14.5	3.8 S	152.1 E	33	5.4	NEW IRELAND REGION. FELT AT RABAUL.
12	23 37 50.2	3.8 S	152.2 E	10	5.6	NEW IRELAND REGION. FELT AT RABAUL.
13	00 56 00.6	16.4 S	167.1 E	16		NEW HEBRIDES ISLANDS.
13	04 57 57.9	49.8 N	78.1 E	0	6.2	EASTERN KAZAKH SSR. MAG. 5.6 (BRK).
13	06 01 28*	37.0 N	106.9 W	5		NEW MEXICO. FELT IN DULCE AREA.
13	06 07 25.0	14.1 N	61.4 W	199	4.9	WINDWARD ISLANDS.
13	06 21 31.0	37.0 N	106.9 W	5		NEW MEXICO. FELT IN DULCE AREA.
13	06 32 21*	36.9 N	106.9 W	5		NEW MEXICO. FELT IN DULCE AREA.
13	06 35 59.2	6.6 S	132.6 E	33	5.8	TANIMBAR ISLANDS REGION. MAG. 5 3/4-6 (PAL).
13	09 28 31.6	17.7 S	167.3 E	33		NEW HEBRIDES ISLANDS.
13	10 00 45*	10.5 N	104.2 W	33	4.4	OFF COAST OF MEXICO.
13	10 27 47.8	2.9 S	104.3 W	33	4.0	NORTHERN EASTER I. CORDILLERA.
13	10 44 41.3	26.1 N	103.2 E	33	5.7	YUNNAN PROVINCE, CHINA. MAG. 5 3/4-6 (PAL).
13	10 48 21.5	71.9 N	0.7 W	33	4.8	JAN MAYEN ISLAND REGION.
13	13 17 00.1	53.8 N	163.3 W	8	4.3	UNIMAK ISLAND REGION.
13	13 47 44.0	37.6 N	73.3 E	65	4.2	TADZHIK SSR.
13	14 34 47.8	33.1 N	116.4 W	16	4.3	SOUTHERN CALIFORNIA. MAG. 3 1/2 (PAS).
13	14 39 36.4	13.3 N	126.4 E	47	4.9	PHILIPPINE ISLANDS REGION.
13	15 05 52.2	12.5 N	125.7 E	55	5.0	SAMAR, PHILIPPINE ISLANDS.
13	19 09 44.7	30.0 N	69.7 E	9	5.1	WEST PAKISTAN. FELT AT BARKHAN.
13	21 03 15*	17.1 S	177.3 W	365	4.3	FIJI ISLANDS REGION.
13	23 19 37*	37.1 N	91.0 W	7	4.7	EASTERN MISSOURI.
14	00 08 56*	37.2 N	90.9 W	3		EASTERN MISSOURI.
14	05 41 05.9	29.9 N	69.7 E	16	4.8	WEST PAKISTAN.
14	06 10 31.3	0.0 S	123.0 E	143		NORTHERN CELEBES.
14	06 12 49*	50.6 S	139.7 E	33	5.0	SOUTH OF AUSTRALIA.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
14	08 32 12.5	22.3 S	171.3 E	101	4.8	LOYALTY ISLANDS REGION.
14	08 49 54.9	69.9 N	145.9 W	33	4.7	ALASKA.
14	10 57 47.2	33.2 N	116.0 W	16	3.9	SOUTHERN CALIFORNIA.
14	11 05 24*	11.6 N	72.0 W	33	3.8	NEAR NORTH COAST OF COLOMBIA.
14	15 50 15*	50.3 N	178.0 E	33	3.9	RAT ISLANDS, ALEUTIAN ISLANDS.
14	16 34 43.9	13.2 S	75.4 W	104	4.6	PERU.
14	17 06 29.6	31.9 S	70.4 W	93	4.8	CHILE-ARGENTINA BORDER REGION. FELT AT SANTIAGO.
14	17 57 49.2	34.9 N	27.1 E	38	5.0	EASTERN MEDITERRANEAN SEA.
14	19 28 43*	37.0 N	106.9 W	5		COLORADO.
14	20 17 00.5	39.0 N	21.9 E	73	4.3	GREECE.
14	20 59 06.5	37.6 N	119.0 W	33		CALIFORNIA-NEVADA BORDER REGION. MAG. 3.1 (BRK).
15	00 16 53.7	14.5 N	91.5 W	71	4.4	GUATEMALA.
15	01 28 16.3	27.7 N	129.0 E	33	5.1	RYUKYU ISLANDS.
15	01 35 48.5	9.4 N	126.1 E	84		MINDANAO, PHILIPPINE ISLANDS.
15	02 51 53.3	51.9 N	177.7 E	48	4.0	RAT ISLANDS, ALEUTIAN ISLANDS.
15	08 47 47.2	7.7 N	126.5 E	103	5.1	MINDANAO, PHILIPPINE ISLANDS.
15	09 56 29.8	23.0 S	176.2 W	33	4.8	SOUTH OF FIJI ISLANDS.
15	11 59 00*	8.6 S	70.3 W	629	3.4	WESTERN BRAZIL.
15	12 05 46.5	17.9 S	178.6 W	557	5.5	FIJI ISLANDS REGION.
15	14 54 43*	14.5 N	91.1 W	137	3.9	GUATEMALA.
15	17 40 34.7	19.9 S	168.9 E	27	7.1	NEW HEBRIDES ISLANDS.
15	22 14 45.1	26.5 S	178.2 E	617	4.9	SOUTH OF FIJI ISLANDS.
15	22 34 07.2	26.4 S	178.3 E	617	5.9	SOUTH OF FIJI ISLANDS.
15	23 37 57.0	16.3 S	168.1 E	205	4.8	NEW HEBRIDES ISLANDS.
16	00 24 21.4	13.4 N	125.2 E	14	4.8	PHILIPPINE ISLANDS REGION.
16	01 56 10*	51.3 N	176.9 E	33	4.3	RAT ISLANDS, ALEUTIAN ISLANDS.
16	03 18 27.7	17.7 S	168.0 E	34	6.5	NEW HEBRIDES ISLANDS. MAG. 6 1/2 (PAS), 6.5 (BRK), 6 1/2-6 3/4 (PAL). FELT AT LUGANVILLE, NORSUP AND PORT VILA.
16	05 21 18.4	17.7 S	167.8 E	10	4.6	NEW HEBRIDES ISLANDS.
16	06 04 28.8	7.0 S	129.3 E	174		BANDA SEA.
16	07 40 01.4	18.7 S	169.7 E	284	4.5	NEW HEBRIDES ISLANDS.
16	09 10 32.5	53.3 N	173.8 E	33	4.0	NEAR ISLANDS, ALEUTIAN ISLANDS.
16	09 44 21.6	29.9 N	69.7 E	34	4.8	WEST PAKISTAN.
16	11 58 13.4	52.4 N	169.5 W	39	4.8	FOX ISLANDS, ALEUTIAN ISLANDS.
16	15 55 04.4	8.8 S	67.4 E	33	4.7	MID-INDIAN RISE.
16	16 23 19.7	23.8 S	179.0 E	548	4.3	SOUTH OF FIJI ISLANDS.
16	21 52 24.2	58.2 N	152.2 W	71	3.9	KODIAK ISLAND REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
16	23 37 13.2	18.2 S	173.7 W	103	5.0	TONGA ISLANDS. MAG. 4.2-4.6 (BRK).
17	00 45 49*	24.3 N	108.9 W	33	4.4	GULF OF CALIFORNIA.
17	01 12 47*	17.5 S	177.5 W	434	4.0	FIJI ISLANDS REGION.
17	01 24 13.9	14.5 N	92.8 W	19	3.7	NEAR COAST OF CHIAPAS, MEXICO.
17	01 50 26.9	0.3 N	121.9 E	234		NORTHERN CELEBES.
17	02 09 40.7	19.2 S	177.2 W	349	4.9	FIJI ISLANDS REGION.
17	07 37 38*	39.5 N	22.9 E	11	4.3	GREECE.
17	07 42 31.4	33.0 S	178.8 W	26	4.6	SOUTH OF KERMADEC ISLANDS.
17	10 41 28*	38.9 N	22.2 E	62	4.2	GREECE. FELT.
17	11 47 56.8	32.2 S	78.9 E	7	6.4	MID-INDIAN RISE. MAG. 6 1/4 (PAS), 6.2-6.6 (BRK), 6 1/2 (PAL).
17	12 43 01.1	32.1 S	79.0 E	33	5.6	AMSTERDAM-NATURALISTE RIDGE.
17	15 00 17*	1.1 N	90.7 W	33	4.5	GALAPAGOS ISLANDS REGION.
17	16 41 15*	51.5 N	177.2 W	49	3.8	ANDREANOF ISLANDS, ALEUTIAN IS.
17	18 20 32.4	23.5 S	179.9 W	544	5.5	SOUTH OF FIJI ISLANDS.
17	18 26 20.0	30.1 N	69.9 E	41	4.3	WEST PAKISTAN.
17	18 51 25.2	52.1 N	171.0 E	33	4.2	NEAR ISLANDS, ALEUTIAN ISLANDS.
17	20 45 46.3	5.9 S	104.5 E	41	5.4	SOUTHERN SUMATRA.
18	00 27 53.9	36.5 N	140.5 E	74	5.5	NEAR EAST COAST OF HONSHU, JAPAN. FELT AT TOKYO.
18	03 45 13.9	26.2 N	103.2 E	33	5.0	YUNNAN PROVINCE, CHINA.
18	04 58 46.6	21.3 S	178.3 W	476	4.3	FIJI ISLANDS REGION.
18	06 59 03.9	6.7 N	123.9 E	50	5.4	MINDANAO, PHILIPPINE ISLANDS.
18	11 42 50.6	29.0 S	25.4 E	33		REPUBLIC OF SOUTH AFRICA.
18	12 34 16.1	52.7 S	20.0 E	33	5.1	SOUTH OF AFRICA.
18	14 22 56.8	10.4 S	161.5 E	49	5.0	SOLOMON ISLANDS.
18	19 02 51.4	44.3 N	143.2 E	222	5.2	HOKKAIDO, JAPAN REGION.
18	21 46 55.1	17.8 S	167.9 E	28	4.1	NEW HEBRIDES ISLANDS.
19	01 15 35.2	8.7 S	123.6 E	37	5.0	FLORES ISLAND REGION.
19	02 00 44.3	15.4 N	94.1 W	59	4.9	NEAR COAST OF OAXACA, MEXICO.
19	02 48 12.5	21.5 S	68.3 W	95	4.4	CHILE-BOLIVIA BORDER REGION.
19	04 43 09*	9.7 N	83.2 W	47	3.8	COSTA RICA.
19	07 30 35*	18.1 N	99.0 W	163	3.6	GUERRERO, MEXICO.
19	09 42 59.3	37.3 N	70.5 E	27	4.8	AFGHANISTAN-USSR BORDER REGION.
19	10 22 31.0	39.1 N	21.3 E	29	4.4	GREECE.
19	12 50 43.3	35.1 N	70.8 E	68	5.1	HINDU KUSH REGION. FELT AT PESHAWAR.
19	14 19 21.0	35.3 N	138.3 E	205	4.4	HONSHU, JAPAN.
19	22 48 50.9	43.8 N	147.2 E	55	4.9	KURILE ISLANDS.
20	00 12 25*	41.9 N	142.6 E	73	4.0	HOKKAIDO, JAPAN REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
20	02 08 39.7	60.7 N	152.2 W	99	4.4	SOUTHERN ALASKA.
20	02 08 51*	20.5 S	169.6 E	55		NEW HEBRIDES ISLANDS.
20	04 10 27.1	6.9 N	73.1 W	146	4.8	NORTHERN COLOMBIA.
20	05 58 12.5	53.0 N	159.8 E	71	5.1	NEAR EAST COAST OF KAMCHATKA.
20	06 11 54.5	17.9 S	178.5 W	583	4.5	FIJI ISLANDS REGION.
20	08 17 29.8	19.6 S	69.9 W	88	3.7	NORTHERN CHILE.
20	08 27 57.8	51.1 N	179.5 E	48	4.0	RAT ISLANDS, ALEUTIAN ISLANDS.
20	10 03 17*	21.4 S	66.6 W	227	4.9	SOUTHERN BOLIVIA.
20	10 28 56*	15.3 S	173.1 E	33	4.8	FIJI ISLANDS REGION.
20	10 51 20.2	1.3 S	80.5 W	125	4.5	NEAR COAST OF ECUADOR.
20	15 25 40.1	9.8 S	75.6 W	21	4.9	PERU.
20	18 15 50.5	48.0 N	155.2 E	34	5.3	KURILE ISLANDS.
20	18 24 57.1	17.4 N	99.9 W	98	4.1	GUERRERO, MEXICO.
20	18 56 13.6	18.1 N	99.8 W	89	3.5	GUERRERO, MEXICO.
20	19 00 05*	17.1 N	99.8 W	98	4.3	GUERRERO, MEXICO.
20	19 54 49*	22.3 N	143.0 E	266	4.4	VOLCANO ISLANDS REGION.
20	20 04 02.9	25.9 S	178.7 W	294	4.7	SOUTH OF FIJI ISLANDS.
20	21 37 10*	5.2 S	130.1 E	62	4.8	BANDA SEA.
21	00 22 29.5	55.7 S	26.9 W	33	6.1	SOUTH SANDWICH ISLANDS REGION. MAG. 5 3/4-6 (PAL).
21	00 28 26.2	55.7 S	26.7 W	6	5.9	SOUTH SANDWICH ISLANDS REGION.
21	03 45 30.9	2.1 S	138.2 E	33		WEST NEW GUINEA.
21	09 30 28.1	7.0 N	124.2 E	82	5.2	MINDANAO, PHILIPPINE ISLANDS.
21	11 23 01.8	6.6 S	107.2 E	126	4.5	JAVA.
21	13 18 46.8	26.3 N	125.7 E	100	5.5	NORTHEAST OF TAIWAN.
21	13 52 10.6	24.0 S	179.9 E	516	4.3	SOUTH OF FIJI ISLANDS.
21	14 14 32.5	55.6 N	163.0 E	57	4.9	NEAR EAST COAST OF KAMCHATKA.
21	16 45 16.7	0.1 N	123.6 E	191	5.2	NORTHERN CELEBES.
21	17 17 12.4	18.0 S	167.7 E	28		NEW HEBRIDES ISLANDS.
21	20 33 06*	78.7 N	4.7 E	33	4.1	GREENLAND SEA.
21	23 13 16*	55.7 N	163.1 E	33	4.4	OFF EAST COAST OF KAMCHATKA.
22	00 17 09.0	60.5 S	26.8 W	33	5.4	SOUTH SANDWICH ISLANDS REGION.
22	00 49 03.6	9.8 N	126.4 E	88		MINDANAO, PHILIPPINE ISLANDS.
22	01 36 16.5	44.3 N	149.5 E	38	4.7	KURILE ISLANDS.
22	02 38 46.2	31.4 N	130.0 E	29	4.9	KYUSHU, JAPAN.
22	04 36 04*	60.2 N	152.9 W	104		SOUTHERN ALASKA.
22	05 02 38.9	5.4 S	151.5 E	44	6.1	NEW BRITAIN REGION. MAG. 6 3/4 (PAS), 6.6-6.8 (BRK), 6 3/4-7 (PAL). FELT.
22	05 57 11.2	5.5 S	151.8 E	78	4.8	NEW BRITAIN REGION.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
22	06 25 55.6	5.6 S	151.4 E	48		NEW BRITAIN REGION.
22	07 48 09.5	62.4 N	147.2 W	88	3.9	CENTRAL ALASKA.
22	09 16 24.3	30.0 S	179.3 W	286	4.1	KERMADEC ISLANDS.
22	13 07 18.9	24.2 S	68.3 W	33	5.0	CHILE-ARGENTINA BORDER REGION.
22	17 24 10*	5.6 S	151.5 E	55	4.9	NEW BRITAIN REGION.
22	18 18 36.3	5.6 S	151.4 E	55	5.5	NEW BRITAIN REGION.
22	18 43 11.7	5.5 S	151.4 E	58	5.2	NEW BRITAIN REGION.
22	19 26 52.8	5.4 S	151.3 E	66	4.8	NEW BRITAIN REGION.
23	01 02 01*	9.7 N	85.8 W	35	4.0	OFF COAST OF COSTA RICA.
23	01 14 16*	51.4 N	178.0 E	33	4.2	RAT ISLANDS, ALEUTIAN ISLANDS.
23	04 25 17.9	21.9 N	108.9 W	33		REVILLA GIGEDO ISLANDS REGION.
23	08 59 16.4	53.6 N	166.7 W	33	3.7	FOX ISLANDS, ALEUTIAN ISLANDS.
23	11 06 16.9	18.5 S	177.7 W	605	3.3	FIJI ISLANDS REGION.
23	12 27 59*	20.7 S	169.0 E	68	4.3	NEW HEBRIDES ISLANDS.
23	12 46 18.1	48.2 S	9.7 W	33	4.8	SOUTH ATLANTIC RIDGE.
23	15 30 06*	20.6 S	69.3 W	100	4.2	NORTHERN CHILE.
23	16 31 58.1	16.8 S	172.5 W	33	4.4	SAMOA ISLANDS REGION.
23	18 10 21.9	15.4 S	72.7 W	115	4.9	SOUTHERN PERU.
23	19 53 55.5	5.4 S	151.5 E	64		NEW BRITAIN REGION.
23	21 58 31*	19.0 S	168.7 E	111		NEW HEBRIDES ISLANDS.
24	00 16 40.9	26.3 N	91.5 E	51	5.1	EASTERN INDIA. FELT AT SHILLONG.
24	05 35 38.3	18.8 S	69.3 W	107	4.4	NORTHERN CHILE.
24	05 40 03.8	52.6 N	172.4 E	36	5.2	NEAR ISLANDS, ALEUTIAN ISLANDS.
24	08 24 49*	31.1 N	115.5 W	33	4.0	BAJA CALIFORNIA.
24	08 45 32*	5.5 S	151.8 E	64	4.9	NEW BRITAIN REGION.
24	11 56 45*	26.2 S	71.0 E	33	4.6	SOUTH INDIAN OCEAN.
24	15 55 07.0					37° 16'19.0"N.116°26'02.0"W. NEVADA TEST SITE. "REX"SHOT ELEVATION 1328.0 METERS (AEC).
24	17 34 46.1	6.8 N	73.1 W	47	4.5	NORTHERN COLOMBIA.
24	18 54 34.8	51.8 N	177.3 W	65	4.2	ANDREANOF ISLANDS, ALEUTIAN IS. FELT ON ADAK.
24	19 53 13.5	60.0 N	147.9 W	16	5.1	SOUTHERN ALASKA.
24	20 08 56.8	6.1 S	147.5 E	57	5.8	EAST NEW GUINEA REGION.
24	21 21 28.7	1.1 N	28.9 W	33	4.5	CENTRAL MID-ATLANTIC RIDGE.
25	02 44 22*	37.2 S	95.3 W	33	4.1	SOUTHERN PACIFIC OCEAN.
25	02 45 11*	37.2 S	95.3 W	33	5.3	SOUTHERN PACIFIC OCEAN.
25	04 50 48*	16.5 S	174.0 W	187	3.6	TONGA ISLANDS.
25	06 58 50*	38.5 S	74.3 W	66	4.2	OFF COAST OF CENTRAL CHILE.
25	10 06 30*	6.9 N	73.0 W	148	4.0	NORTHERN COLOMBIA.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
25	11 35 17*	18.8 S	175.9 W	291	4.0	TONGA ISLANDS.
25	13 06 06.1	24.9 S	179.7 E	495	4.4	SOUTH OF FIJI ISLANDS.
25	14 10 51.5	5.5 S	130.2 E	31	5.2	BANDA SEA.
25	14 57 01*	44.7 N	116.1 W	33	3.5	WESTERN IDAHO.
25	22 49 56*	52.5 N	172.0 E	33	4.3	NEAR ISLANDS, ALEUTIAN ISLANDS.
25	22 50 54.0	15.3 S	173.2 W	93	5.1	TONGA ISLANDS. MAG. 5.7 (BRK).
25	23 22 11*	15.1 S	172.9 W	33	4.2	SAMOA ISLANDS REGION.
25	23 46 10*	14.0 S	173.5 W	33	3.9	SAMOA ISLANDS REGION.
26	00 30 43.9	6.3 N	77.5 W	34	4.4	NEAR WEST COAST OF COLOMBIA.
26	00 33 45.9	52.5 N	173.5 E	17	5.5	NEAR ISLANDS, ALEUTIAN ISLANDS.
26	02 49 10.5	21.4 S	174.8 W	134	4.2	TONGA ISLANDS.
26	05 06 16.9	1.6 S	133.8 E	71		WEST NEW GUINEA REGION.
26	05 34 27.4	5.5 S	151.8 E	53	4.8	NEW BRITAIN REGION.
26	06 50 22.7	5.4 S	151.6 E	57	4.8	NEW BRITAIN REGION.
26	07 54 35.5	15.5 N	92.2 W	152	4.9	MEXICO-GUATEMALA BORDER REGION.
26	08 10 20.0	37.2 N	91.0 W	33	3.8	MISSOURI.
26	08 23 04.6	23.3 S	179.4 E	577	4.1	SOUTH OF FIJI ISLANDS.
26	08 27 29*	14.7 S	173.0 W	33	4.3	SAMOA ISLANDS REGION.
26	10 48 37.9	14.6 S	167.2 E	164		NEW HEBRIDES ISLANDS.
26	11 21 56.9	15.4 S	173.4 W	128	5.1	TONGA ISLANDS.
26	13 34 43*	15.7 S	173.0 W	27	4.4	SAMOA ISLANDS REGION.
26	15 37 18.0	3.5 S	77.6 W	33	4.1	PERU-ECUADOR BORDER REGION.
26	16 15 26.5	12.6 N	125.7 E	62	5.2	SAMAR, PHILIPPINE ISLANDS.
26	17 23 38.5	52.6 N	33.2 W	33	4.3	NORTH ATLANTIC OCEAN.
26	18 39 28.0	44.4 S	168.0 E	33	5.0	SOUTH ISLAND, NEW ZEALAND.
26	20 50 37.3	30.5 N	50.8 E	57	4.7	IRAN.
26	21 01 20.9	21.3 S	70.8 W	83	4.1	NEAR COAST OF NORTHERN CHILE.
26	21 14 33.3	18.3 S	69.4 W	130	3.7	NORTHERN CHILE.
27	00 31 51.6	60.8 S	22.3 W	33	5.5	SOUTH SANDWICH ISLANDS REGION.
27	02 49 00*	59.0 S	25.9 W	33	5.1	SOUTH SANDWICH ISLANDS REGION.
27	05 39 38.6	14.1 N	91.2 W	129	4.0	GUATEMALA.
27	05 58 43*	15.0 S	75.7 W	33	4.4	NEAR COAST OF PERU.
27	06 08 35.9	15.4 S	76.0 W	13	4.1	OFF COAST OF PERU.
27	11 49 11*	14.3 N	92.0 W	33	4.3	NEAR COAST OF CHIAPAS, MEXICO.
27	16 26 36.9	30.7 S	179.5 E	497	4.9	KERMADEC ISLANDS.
27	16 30 17.6	52.2 N	175.1 E	48	5.2	RAT ISLANDS, ALEUTIAN ISLANDS.
27	17 55 16*	36.9 N	106.9 W	5		NEW MEXICO.
27	18 07 52*	36.9 N	107.0 W	5		NEW MEXICO.

DATE 1966	ORIGIN TIME G. C. T.	LAT.	LONG.	FOCAL DEPTH	MAG CGS	REGION AND REMARKS
FEB	H M S	DEG	DEG	KM		
27	20 25 35.7	5.8 S	148.5 E	119	5.2	NEW BRITAIN REGION.
27	20 43 00.3	54.0 N	164.0 W	37	5.0	UNIMAK ISLAND REGION.
27	20 44 59.2	18.9 N	102.6 W	93	5.8	MICHOACAN, MEXICO.
28	01 57 33.2	21.9 S	176.4 W	171	4.0	FIJI ISLANDS REGION.
28	02 02 13.5	43.8 N	139.6 E	224	5.7	EASTERN SEA OF JAPAN.
28	07 39 52.4	32.1 N	130.3 E	180	4.8	KYUSHU, JAPAN.
28	13 35 40.1	29.3 N	130.1 E	37	5.7	RYUKYU ISLANDS.
28	17 53 20.2	21.7 S	170.5 E	108	5.3	LOYALTY ISLANDS REGION.
28	18 04 14.2	51.8 N	175.5 E	33	4.3	RAT ISLANDS, ALEUTIAN ISLANDS.
28	18 41 21.5	56.6 N	152.9 W	33	3.9	KODIAK ISLAND REGION.
28	18 59 46.4	44.0 N	147.0 E	266	4.2	KURILE ISLANDS.
28	19 02 26.3	9.2 N	126.4 E	58	4.6	MINDANAO, PHILIPPINE ISLANDS.
28	20 03 00.1	36.2 N	71.1 E	88	4.6	AFGHANISTAN-USSR BORDER REGION.
28	21 03 45.4	1.4 S	138.3 E	33	5.3	NEAR N. COAST OF WEST NEW GUINEA.
28	21 38 52.8	26.0 S	70.4 W	68	5.7	NEAR COAST OF NORTHERN CHILE. MAG. 4 3/4-5 (PAL). FELT AT COPIAPO.

Date and Station	Phase (GCT) h m s
FEB 1	
BCN IP	00 09 49.7
IS	09 53.7
FEB 1	
BMO EP	00 12 12.5
FEB 1	
COL EP	00 18 52.0
FEB 1	
SLD IP	00 21 07.2
IS	21 24.6
EUR EP	00 22 19.2
FEB 1	
EUR I(P)	00 23 25.0
FEB 1	
BMO E(P)	00 26 56.8
FEB 1	
TUC E(P)	00 31 52.6
COL EP	00 35 39.0
FEB 1	
BMO IP	00 44 00.9
ES	44 45.3
FGU IP	00 45 26.2
I(S)	45 32.0
FEB 1	
COL E(P)	01 05 39.8
FEB 1	
TUC E(P)	02 17 09.3
FEB 1	
BRW EP	02 31 13.6
I	31 30.5
I(S)	32 18.3
COL EP	02 31 16.0
EUR EP	02 38 05.0
E	38 09.6
FEB 1	
COL IP	02 37 07.1
FEB 1	
EUR IP	04 09 12.2
FEB 1	
H-05 06 06.0	
36.6S 072.9W	
h ABOUT 28KM	
ALQ E(P)	05 18 06.0
EUR IP	05 18 41.8
FEB 1	
COL E(P)	05 37 18.7
FEB 1	
BCN I(P)	05 38 10.7
IS	38 14.5
EUR E(P)	05 39 02.5
EL	39 53.0
TUC E(P)	05 40 43.6
FEB 1	
BRW E(P)	05 46 20.1
BMO EP	05 50 39.7
FEB 1	
H-05 58 24.6	
42.0N 066.3E	
h ABOUT 59KM	
BRW IP	06 08 51.6
COL EP	06 09 32.0
FEB 1	
H-07 07 50.4	
34.9N 046.1E	
h ABOUT 50KM	
COL E(P)	07 19 47.0
FEB 1	
BRW E(P)	07 18 38.9
FEB 1	
TUC E(P)	08 10 25.6
FEB 1	
H-08 20 49.1	
15.9S 167.2E	
h ABOUT 30KM	
COL EP	08 33 34.0
EUR E(P)	08 33 48.1
BCN E(P)	08 33 55.9
E	34 05.9
FEB 1	
EUR IP	08 31 30.6
FEB 1	
TUC E(P)	09 48 22.0
FEB 1	
COL EP	10 26 30.0
FEB 1	
EUR EP	10 39 34.5
FEB 1	
H-11 41 29.1	
14.9N 093.5W	
h ABOUT 33KM	
ALQ IP	11 46 34.0
TUC EP	11 46 37.0
BCN EP	11 47 22.0
E	47 27.0
FGU EP	11 47 32.0
EUR IP	11 47 50.0
BOZ E(P)	11 48 13.5
COL IP	11 51 45.5
FEB 1	
COL EP	11 57 16.0
FEB 1	
BOZ EP	12 02 51.0
EUR IP	12 02 58.1
FEB 1	
GUA IP	13 19 07.0
ES	19 54.0
FEB 1	
BMO E(P)	13 47 11.6
FEB 1	
H-13 47 20.2	
34.7S 112.0W	
h ABOUT 33KM	
BCN E(P)	13 58 34.0
EUR E(P)	13 58 55.0
FEB 1	
BMO E(P)	13 57 56.2
FEB 1	
SJG EP	14 04 16.4
IL	04 47.5
FEB 1	
H-14 25 04.8	
35.2S 112.9W	
h ABOUT 33KM	
EUR IP	14 36 40.6
BOZ EP	14 37 15.5
FEB 1	
BCN IP D	14 39 14.5
IS	39 18.3
FEB 1	
EUR EP	14 40 16.1
FEB 1	
SJG IP	15 18 44.8
IL	19 15.0
FEB 1	
H-15 19 34.5	
16.2N 96.4W	
h ABOUT 65KM	
TUC EP	15 24 10.7
ALQ IP	15 24 12.2
BCN EP	15 25 00.7
I	25 07.0
COL EP	15 29 32.0
FEB 1	
SJG I(P)	15 25 13.2
IL	25 44.0
FEB 1	
ALQ IP	15 54 28.0
I	54 58.2
TUC E(P)	15 54 55.3
FEB 1	
H-15 59 46.9	
45.3N 150.0E	
h ABOUT 65KM	
COL EP	16 07 06.0
EUR IP	16 10 27.1
BCN E(P)	16 10 58.0
FEB 1	
BRW IP	16 48 07.5
COL IP	16 48 27.0
BOZ EP	16 51 43.5
EUR IP	16 51 53.2
FEB 1	
EUR EP	17 22 10.0
FEB 1	
H-17 56 24.6	
23.3S 179.8E	
h ABOUT 545KM	
EUR IP	18 08 10.9
COL EP	18 08 32.0
FEB 1	
EUR EP	18 44 28.9
FEB 1	
ALQ IP	19 01 06.0
FEB 1	
H-19 22 14.3	
16.6N 099.5W	
h ABOUT 33KM	
BCN E(P)	19 27 28.6
FEB 1	
EUR EP	20 01 08.8
FEB 1	
EUR EP	20 21 00.0
FEB 1	
SJG IP D	21 06 21.1
IL	06 51.5
ALQ EP	21 13 32.0
FEB 1	
ALQ IP	21 45 54.8
I	46 19.6
FEB 1	
BMO EP	22 16 49.3
E(S)	17 10.9
FEB 1	
SJG IP	22 20 36.7
IL	21 07.5
FEB 1	
BMO EP	22 37 29.0
FEB 1	
BMO E(P)	23 18 24.2

Date and Station	Phase	Phase (GCT) h m s
FEB 1		
BMO	E(P)	23 29 00.9
FEB 1		
BMO	EP	23 48 42.6
FEB 1		
BMO	EPN	23 48 42.6
FEB 1		
EUR	EP	23 55 06.8
FEB 1		
EUR	IP	23 59 56.5
FEB 2		
BMO	E(P)	00 39 30.2
FEB 2		
BMO	IP	00 40 36.3
FEB 2		
CSC	EP	00 56 51.0
	E	56 07.0
	E	56 19.0
FEB 2		
KIP	IP	01 27 43.8
	I	29 32.0
FEB 2		
COL	EP	02 28 23.0
FEB 2		
COL	EP	03 47 06.4
BMO	E(P)	03 50 25.7
FEB 2		
COL	IP	04 26 29.7
FEB 2		
COL	EP	04 34 36.0
FEB 2		
BMO	E(P)	04 40 36.8
	E(S)	41 04.3
FEB 2		
COL	EP	04 53 06.3
FEB 2		
H-05 34 05.2		
17.9S 173.0W		
h ABOUT 59KM		
CED	EP	05 45 37.1
BCN	EP	05 45 51.5
TUC	EP	05 45 58.0
EUR	IP	05 45 59.0
	I>P	46 09.3
	I	46 51.7
	E(PP)	49 03.8
GCA	IP	05 46 08.4
BMO	EP	05 46 11.7
SLC	EP	05 46 17.0
ALQ	IP	05 46 21.8
FGU	IP	05 46 26.2
BUT	EP	05 46 28.7
HHM	EP	05 46 30.7
BOZ	IP D	05 46 31.4
	I>P	46 42.9
COL	EP	05 46 32.0
RCD	E(P)	05 46 53.0
BRW	E(P)	05 47 02.4
FEB 2		
BMO	E(P)	05 43 05.3
FEB 2		
BMO	E(P)	06 13 09.4
FEB 2		
BMO	IP	06 14 11.0
FEB 2		
EUR	EP	06 56 28.6
FEB 2		
TUC	E(P)	07 04 22.6
FEB 2		
COL	EP	07 24 22.0
FEB 2		
BMO	IP	07 45 17.7
FEB 2		
BMO	IP	07 45 44.1
FEB 2		
BCN	IP	07 48 21.8
	IS	48 22.8
FEB 2		
COL	E(P)	08 30 23.8
BMO	E(P)	08 33 55.4
FEB 2		
H-09 20 09.3		
33.8N 073.1E		
h ABOUT 46KM		
BRW	IP	09 31 14.5
	E	33 20.5
COL	IP	09 31 56.6
EUR	EP'	09 38 36.6
FEB 2		
BMO	E(P)	09 38 05.7
FEB 2		
BMO	IP	09 43 17.3
	ES	43 20.6
FEB 2		
EUR	EP	09 49 51.7
FEB 2		
BMO	EP	12 53 10.7
FEB 2		
H-13 07 55.5		
37.3N 121.6W		
h ABOUT 9KM		
SLD	IP C	13 08 04.1
	IS	08 10.4
EUR	E(P)	13 09 27.2
FEB 2		
H-13 17 52.6		
18.2N 146.3E		
h ABOUT 16KM		
GUA	EP	13 19 06.5
COL	EP	13 28 24.4
BMO	EP	13 30 12.9
EUR	EP D	13 30 26.5
	E	30 56.9
FEB 2		
BRW	E(P)	13 28 47.4
FEB 2		
BMO	E(P)	15 14 56.2
FEB 2		
ALQ	IP	15 22 49.0
FEB 2		
ALQ	IP	16 04 04.0
	I	04 20.5
FEB 2		
BMO	IP	16 18 19.2
	IS	18 22.3
FEB 2		
CED	IP	16 29 48.5
	IS	29 55.7
FEB 2		
H-17 10 33.9		
21.6S 176.6W		
h ABOUT 226KM		
EUR	IP	17 22 36.2
BMO	EP	17 22 46.0
ALQ	IP	17 22 56.5
BOZ	E(P)	17 22 59.0
BRW	EP	17 23 24.8
FEB 2		
BRW	E(P)	17 35 13.8
FEB 2		
BRW	E(P)	17 38 33.7
FEB 2		
BRW	E(P)	17 40 37.3
	E	40 49.8
FEB 2		
TUC	E(P)	18 02 19.7
FEB 2		
EUR	IP	18 08 46.2
FEB 2		
BOZ	E(P)	18 17 07.0
FEB 2		
COL	IP	19 16 07.6
BMO	E(P)	19 18 10.4
FEB 2		
ALQ	IP	20 00 20.2
	I	01 02.6
FEB 2		
GCA	EP	20 43 04.5
	E	43 13.8
FEB 2		
BMO	EP	20 48 51.3
FEB 2		
BMO	EP	21 47 17.2
	E(S)	47 45.5
FEB 2		
EUR	IP	21 49 01.9
FEB 2		
EUR	IP	21 52 58.2
FEB 2		
BMO	EP	22 30 54.1
	E(S)	31 06.2
FEB 2		
HHM	EP	22 32 35.7
	EL	33 01.2
BMO	EP	22 33 21.9
FEB 2		
ALQ	IP	23 37 00.5
	I	37 13.8
BMO	EP	23 38 03.7
FEB 2		
EUR	IP	23 59 22.3
FEB 3		
BMO	EP	00 06 39.8
	E(S)	07 04.2
FEB 3		
H-00 47 19.2		
21.7S 068.4W		
h ABOUT 117KM		
SJG	IP D	00 54 38.7
	I>P	55 07.5
	I>P	55 19.5
GCA	I(P)	00 57 28.8
	E>P	57 57.8
ALQ	IP	00 58 01.6
	I>P	58 29.8
TUC	IP	00 58 03.9
	E(>P)	58 33.0

Date and Station	Phase (GCT) h m s
BCN IP	00 58 34.7
EPCP	58 49.3
I▸P	59 04.0
I▸P	59 18.5
RCD EP	00 58 36.5
E▸P	59 07.0
CED IP	00 58 36.5
I▸P	59 06.4
FGU IP	00 58 38.4
SLC EP	00 58 44.7
EUR IP D	00 58 52.9
I	59 05.2
I▸P	59 34.8
E(PP)	01 00 18.8
SLD IP D	00 59 00.9
BOZ IP D	00 59 04.5
I▸P	59 35.0
BUT EP	00 59 05.5
E(▸P)	59 39.5
BMO IP	00 59 17.1
HHM IP	00 59 21.8
FEB 3	
COL EP	00 57 12.0
FEB 3	
H-02 05 58.4	
33.6S 070.1W	
h ABOUT 33KM	
SJG EP	02 15 01.5
TUC E(P)	02 17 44.5
ALQ IP	02 17 47.0
RCD E(P)	02 18 20.0
EUR IP	02 18 30.0
BMO EP	02 18 52.6
FEB 3	
CED EP	02 09 03.3
EL	09 28.9
EUR E(P)	02 10 20.7
FEB 3	
H-02 11 57.5	
20.9S 178.3W	
h ABOUT 489KM	
EUR EP	02 23 35.0
TUC EP	02 23 35.2
BMO EP	02 23 45.6
COL IP C	02 23 57.9
BRW EP C	02 24 18.6

Date and Station	Phase (GCT) h m s
FEB 3	
BMO EP	02 25 35.7
FEB 3	
BRW IP C	02 25 49.4
COL IP	02 26 10.0
FEB 3	
BMO E(P)	02 29 17.6
BOZ E(P)	02 29 33.0
EUR IP	02 29 44.8
FEB 3	
EUR E(P)	02 45 06.0
E	47 04.3
FEB 3	
COL IP	03 56 31.4
FEB 3	
BMO IP	05 03 34.8
IS	03 38.1
FEB 3	
H-05 48 10.1	
00.1N 123.5E	
h ABOUT 165KM	
GUA EP	05 53 17.0
E(S)	57 24.0
HON IP	06 00 01.0
ES	10 04.0
BRW IP C	06 00 36.9
I	00 46.7
I	01 55.8
E(PP)	03 34.3
EPKKP	18 31.9
COL EP	06 00 48.0
BUT EP'	06 06 18.0
BMO EP'	06 06 24.6
EPKKP	17 25.2
E	17 37.6
SLD EP'	06 06 25.5
HHM EP'	06 06 26.4
BOZ EP'	06 06 31.0
E▸P'	07 20.0
EUR IP'C	06 06 31.8
I	07 00.5
E▸P'	07 15.7
EPKKP	17 08.0
E	17 25.8
CED EP'	06 06 32.9
SLC EP'	06 06 35.9
EPP	07 36.2
FGU IP'C	06 06 38.2
GCA EP'	06 06 39.4

Date and Station	Phase (GCT) h m s
RCD EP'	06 06 42.7
ESKP	10 05.0
TUC EP'	06 06 44.0
EPP	08 06.2
ALQ IP'	06 06 48.4
ISKP	10 10.2
CSC EP'	06 07 20.0
ESKP	10 41.0
BHP EP'	06 07 47.0
I	08 14.1
SJG IP'C	06 07 51.0
IP'	08 30.6
FEB 3	
BMO EP	06 02 24.5
HHM E(P)	06 02 28.4
EUR EP	06 02 47.2
FEB 3	
H-07 22 09.0	
19.7S 070.9W	
h ABOUT 44KM	
EUR E(P)	07 33 41.5
BMO EP	07 34 00.0
FEB 3	
CED IP	09 01 24.4
IL	01 47.4
FEB 3	
COL EP	09 56 35.0
FEB 3	
EUR IP C	10 51 50.1
I	52 38.3
E	55 42.5
FEB 3	
COL EP	11 41 02.0
FEB 3	
BMO E(P)	11 53 12.5
FEB 3	
H-11 58 35.3	
16.6N 120.0E	
h ABOUT 69KM	
BRW IP D	12 09 55.0
I	10 13.4
EPP	12 25.9
COL IP	12 10 16.7
HHM EP	12 12 14.5
BMO EP	12 12 14.8
SJG EP'	12 18 06.1
FEB 3	
H-13 23 29.8	
38.6N 014.8E	
h ABOUT 257KM	

Date and Station	Phase (GCT) h m s
COL E(P)	13 35 02.0
BMO E(P)	13 35 44.7
FEB 3	
BMO EP	14 34 54.3
FEB 3	
SJG EP	15 11 55.0
IS	12 18.0
FEB 3	
SJG EP	15 58 39.0
IS	59 01.0
FEB 3	
SJG EP	16 21 00.5
IS	21 22.5
FEB 3	
EUR IP	16 46 03.2
FEB 3	
EUR IP	16 54 16.2
FEB 3	
ALQ IP	16 57 26.4
I	57 31.6
FEB 3	
H-17 11 19.4	
24.2N 121.9E	
h ABOUT 33KM	
GUA EP	17 16 34.0
ES	22 14.0
BRW IP D	17 21 54.5
COL EP	17 22 19.0
BMO IP	17 24 30.4
HHM EP	17 24 30.6
FEB 3	
ALQ EP	17 18 18.5
FEB 3	
H-17 21 08.5	
24.2N 121.8E	
h ABOUT 44KM	
BRW I(P)	17 31 32.0
COL EP	17 32 09.0
HHM EP	17 34 16.1
BMO EP	17 34 18.0
FEB 3	
H-17 57 38.9	
24.2N 122.1E	
h ABOUT 17KM	
GUA EP	18 02 53.0
ES	06 38.0
BRW E(P)	18 08 26.0
COL EP	18 08 43.0
HHM EP	18 10 49.6

Date and Station	Phase (GCT) h m s
BMO IP	18 10 52.6
FEB 3	
H-18 17 36.9	
37.1N 116.1W	
h ABOUT 0KM	
EUR IP C	18 18 17.4
CED IP	18 18 26.4
GCA EP	18 18 34.6
IL	19 29.1
SLD EP	18 18 43.5
IL	19 48.7
SLC EP	18 18 56.2
TUC EP	18 19 14.5
EL	21 04.0
FGU EP	18 19 18.0
EL	21 03.0
BMO EP	18 19 34.8
ALQ EP	18 19 36.5
I	20 07.0
BOZ E(P)	18 19 56.0
FEB 3	
EUR IP	18 33 17.8
FEB 3	
EUR I(P)	18 38 08.0
SLD E(P)	18 39 36.5
FEB 3	
SJG EP	19 39 40.2
IS	40 01.7
FEB 3	
H-20 00 07.1	
46.7N 153.3E	
h ABOUT 33KM	
COL IP	20 07 07.6
BMO IP	20 10 06.2
EUR EP	20 10 33.2
FEB 3	
COL EP	20 12 01.0
FEB 3	
SJG EP	20 13 48.9
IS	14 20.5
FEB 3	
EUR EP	20 25 34.2
FEB 3	
SJG EP	20 26 19.0
IS	26 39.0
FEB 3	
COL EP	21 00 32.0
FEB 3	
COL EP	21 12 41.0

Date and Station	Phase (GCT) h m s
FEB 3	
EUR IP	21 57 24.1
FEB 3	
COL IP	22 39 40.1
FEB 3	
EUR IP	23 20 48.8
FEB 3	
BMO EP	23 21 36.6
E(S)	22 34.6
FEB 3	
BMO E(P)	23 32 05.9
E(S)	32 30.2
FEB 3	
BMO E(P)	23 45 28.2
E(S)	46 00.7
FEB 3	
COL EP	23 48 02.0
FEB 3	
BMO E(P)	23 57 15.1
E(S)	57 46.6
FEB 4	
ALQ IP	00 05 27.6
I	05 32.6
FEB 4	
EUR EP	00 34 13.2
FEB 4	
BMO IP	00 37 53.2
FEB 4	
BOZ IP	02 14 26.2
I	14 30.0
FEB 4	
COL IP	02 41 14.0
BRW EP	02 42 54.1
E(S)	44 16.4
BMO E(P)	02 45 05.4
E	46 30.5
EUR IP	02 45 07.0
FEB 4	
GCA EP	02 52 10.8
FEB 4	
BOZ IP	03 10 38.2
FEB 4	
ALQ IP	03 20 47.4
I	21 13.6
FEB 4	
H-03 42 33.2	
16.6N 096.2W	
h ABOUT 64KM	
TUC E(P)	03 47 07.5
E	47 14.0
ALQ EP	03 47 07.6
BMO E(P)	03 49 15.3

Date and Station	Phase (GCT) h m s
FEB 4	
BMO EP	03 53 31.7
COL EP	03 53 51.0
FEB 4	
H-04 02 58.1	
15.4S 173.5W	
h ABOUT 143KM	
TUC E(P)	04 14 34.4
EUR IP	04 14 35.0
GCA EP	04 14 44.3
BMO EP	04 14 45.8
ALQ IP	04 14 58.6
FGU EP	04 15 01.0
COL IP	04 15 05.2
HHM EP	04 15 06.5
FEB 4	
GUA E(P)	04 26 16.0
FEB 4	
SJG EP	04 48 05.5
IS	48 29.8
FEB 4	
H-05 04 21.7	
21.5S 174.1W	
h ABOUT 7KM	
TUC E(P)	05 16 38.5
BMO EP	05 16 52.8
ALQ IP	05 17 01.4
COL EP	05 17 14.0
BRW EP	05 17 39.6
EUR E(P)	05 17 41.5
FEB 4	
CED E(P)	05 13 13.0
EL	13 36.8
FEB 4	
ALQ IP	05 34 34.0
I	35 02.4
FEB 4	
SJG EP	06 02 53.0
IS	03 15.5
FEB 4	
FGU E(P)	06 35 04.0
I	35 08.0
IL	35 39.5
BMO E(P)	06 36 50.4
FEB 4	
EUR IP	08 16 27.2

Date and Station	Phase (GCT) h m s
FEB 4	
H-08 38 00.5	
34.3N 024.0E	
h ABOUT 22KM	
BRW EP	08 49 41.2
COL EP	08 50 15.0
HHM EP	08 50 57.7
BMO EP	08 51 16.8
FEB 4	
COL EP	08 39 30.0
BMO EP	08 42 27.5
FEB 4	
ALQ IP	09 05 13.4
I	05 40.4
FEB 4	
SJG IP	09 19 13.2
IS	19 24.0
FEB 4	
BRW E(P)	09 48 10.0
FEB 4	
SJG EP	09 50 47.0
ES	51 09.5
FEB 4	
H-09 51 08.7	
21.3S 174.5W	
h ABOUT 116KM	
BMO EP	10 03 26.7
ALQ IP	10 03 35.5
COL I(P)	10 04 48.9
FEB 4	
EUR EP	10 03 40.0
FEB 4	
H-10 39 11.1	
15.9S 167.9E	
h ABOUT 179KM	
GUA EP	10 46 04.0
ES	51 36.0
KIP IP	10 47 50.3
ES	54 48.0
EL	59 29.0
SLD EP	10 51 28.5
COL EP D	10 51 36.5
I	51 46.1
ES	11 01 46.0
EPKKP	09 26.5
CED EP	10 51 36.5
EPP	52 24.4
EPKKP	11 09 36.0

Date and Station	Phase	(GCT) h m s
BCN	EP	10 51 48.7
	I	51 57.5
	I▸P	52 36.5
	(PKKP)	11 09 25.5
EUR	IP	10 51 50.1
BRW	EP	10 51 52.0
	I	52 01.8
	E	52 51.1
	EPP	55 47.0
	ESKS	11 01 53.0
	EPKKP	11 09 20.3
BMO	EP	10 51 54.4
	E	11 04 37.0
	E	11 08 53.5
	EPKKP	11 09 16.2
	E	11 10 11.6
	E	11 17 24.4
TUC	EP	10 51 58.0
	E	52 08.0
	ESKS	11 02 45.0
SLC	EP	10 52 07.2
	E▸P	52 54.4
GCA	E(P)	10 52 10.6
FGU	EP	10 52 14.0
	E	11 02 35.5
	EPKKP	11 09 08.9
HHM	E(P)	10 52 14.7
	ESKS	11 02 04.7
	EPKKP	09 01.7
	E	17 25.7
ALQ	IP	10 52 16.6
SJG	EP'	10 57 45.2
	I	58 04.5
	E	11 00 58.0
	E	17 08.0
	E	18 33.0
HON	IS	10 54 49.2
	IL	59 30.0
FEB 4		
ALQ	EP	11 48 36.0
FEB 4		
SJG	EP	12 40 15.9
	IS	40 36.9
FEB 4		
SJG	EP	12 48 24.0
	IS	48 44.2
FEB 4		
SJG	EP	12 49 26.7
	IS	49 47.0
FEB 4		
COL	E(P)	13 30 17.7
FEB 4		
BOZ	IP	14 34 16.6
BMO	E(P)	14 35 02.4

Date and Station	Phase	(GCT) h m s
FEB 4		
BMO	EP	14 39 44.7
FEB 4		
SJG	EP	15 02 30.7
FEB 4		
BMO	EP	15 05 31.2
FEB 4		
ALQ	IP	15 05 35.5
TUC	E(P)	15 05 42.0
EUR	E(P)	15 07 09.0
FEB 4		
H-15 36 34.0		
21.3S 174.3W		
h ABOUT 55KM		
BCN	EP	15 48 41.0
	E	48 57.8
TUC	E(P)	15 48 44.0
EUR	IP	15 48 48.0
BMO	EP	15 48 58.3
ALQ	IP	15 49 06.0
COL	EP	15 49 20.0
BRW	E(P)	15 49 34.9
FEB 4		
COL	EP	16 05 44.0
FEB 4		
H-16 15 56.3		
06.6N 082.2W		
h ABOUT 33KM		
BHP	IP	16 16 51.0
	IS	17 34.5
ALQ	IP	16 22 57.0
BCN	EP	16 23 45.5
EUR	EP	16 24 08.8
BMO	EP	16 24 39.3
FEB 4		
HHM	E(P)	16 24 26.7
FEB 4		
BOZ	IP	16 25 50.0
FEB 4		
SJG	EP	16 45 22.5
	I	45 26.0
FEB 4		
BMO	EP	17 03 32.2
FEB 4		
H-17 59 39.8		
17.5N 046.5W		
h ABOUT 33KM		

Date and Station	Phase	(GCT) h m s
SJG	EP	18 03 56.0
	E	04 02.7
BMO	E(P)	18 10 19.4
COL	IP	18 11 42.0
FEB 4		
ALQ	EP	19 03 48.0
FEB 4		
ALQ	EP	19 37 40.0
BMO	E(P)	19 39 30.4
FEB 4		
EUR	IP	19 49 50.4
BMO	EP	19 50 38.0
FEB 4		
ALQ	IP	20 25 45.8
	I	25 15.6
FEB 4		
H-20 44 55.8		
45.9S 123.0E		
h ABOUT 33KM		
ALQ	EP'	21 04 18.0
EUR	IP'	21 04 19.0
SJG	EP'	21 04 43.0
	E	04 46.5
FEB 4		
H-20 53 33.7		
12.4N 114.4E		
h ABOUT 23KM		
BRW	I(P)	21 05 32.8
COL	EP	21 05 54.0
FEB 4		
BMO	E(P)	21 20 46.7
EUR	EP	21 21 19.8
FEB 4		
COL	EP	21 27 01.0
FEB 4		
H-22 14 42.6		
07.1S 155.0E		
h ABOUT 93KM		
COL	IP	22 26 58.1
BRW	IP	22 27 05.4
EUR	EP	22 27 49.0
FEB 4		
BMO	EP	22 33 20.8
	ES	33 45.5
FEB 4		
COL	EP	23 14 46.0
FEB 4		
COL	EP	23 20 23.0

Date and Station	Phase	(GCT) h m s
FEB 4		
BMO	EP	23 45 06.3
	E(S)	45 37.5
BOZ	EP	23 46 00.0
FEB 5		
SJG	EP	00 03 02.5
FEB 5		
BMO	EP	00 38 24.3
FEB 5		
H-01 25 34.5		
53.0N 162.2E		
h ABOUT 33KM		
COL	IP	01 31 19.6
BMO	E(P)	01 34 34.1
EUR	EP	01 35 06.9
	E	35 23.8
FEB 5		
H-02 01 45.5		
39.1N 021.7E		
h ABOUT 22KM		
BRW	IP D	02 12 56.2
	E	13 20.6
COL	IP	02 13 33.5
SJG	IP	02 13 40.5
CSC	EP	02 13 43.0
	E	14 00.0
	E	14 14.5
SIT	E(P)	02 14 08.3
HHM	IP	02 14 19.3
	(PKKP)	32 27.7
BUT	IP	02 14 25.8
BMO	EP	02 14 38.4
	EPKKP	32 18.2
FGU	IP	02 14 39.2
SLC	IP	02 14 44.8
ALQ	IP	02 14 55.6
	IPKKP	32 11.5
EUR	IP D	02 14 58.5
	I	15 19.7
	EPP	18 09.2
	I	18 40.6
	EPKKP	32 16.0
GCA	EP	02 14 59.2
BCN	EP	02 15 11.0
	EPP	18 57.0
	EPKKP	32 03.9
TUC	EP	02 15 14.9
	E	28 06.0
	EPKKP	31 50.0

Date and Station	Phase (GCT) h m s
SLD EP	02 15 18.0
I	15 57.0
E	17 00.0
CED EP	02 15 21.6
FEB 5	
H-02 11 09.2	
39.1N 021.9E	
h ABOUT 34KM	
COL EP	02 22 55.0
HHM EP	02 23 40.9
BMO IP	02 24 00.0
FEB 5	
SJG IP D	02 27 57.5
IS	28 11.6
FEB 5	
COL EP	02 40 39.0
FEB 5	
GUA EP	02 44 25.0
FEB 5	
H-02 58 00.2	
39.2N 021.9E	
h ABOUT 41KM	
BRW EP	03 09 08.8
COL EP	03 09 45.0
SJG EP	03 09 54.0
HHM IP	03 10 31.2
BUT IP	03 10 38.1
BMO EP	03 10 50.4
FGU EP	03 10 51.2
EUR IP	03 11 11.0
FEB 5	
H-07 08 52.9	
21.5S 170.4E	
h ABOUT 165KM	
SJG EP'	07 27 38.2
FEB 5	
H-07 36 56.2	
14.9S 071.5W	
h ABOUT 114KM	
BMO EP	07 48 13.1
FEB 5	
BMO EP	07 39 34.5
FEB 5	
H-09 02 17.2	
57.3N 139.1W	
h ABOUT 33KM	
SIT E(P)	09 02 48.0
E	03 10.0
COL EP	09 04 22.0
BMO EP	09 06 32.3
FEB 5	
COL EP	09 44 09.0
FEB 5	
EUR EP	09 50 21.2
FEB 5	
BMO EP	09 50 31.4
FEB 5	
COL EP	10 40 17.0
BMO E(P)	10 42 05.3
FEB 5	
BMO E(P)	12 51 32.3
FEB 5	
H-14 24 48.2	
52.6N 158.9E	
h ABOUT 75KM	
COL IP	14 30 44.2
HHM E(P)	14 33 54.7
BMO EP	14 33 58.1
EUR IP	14 34 30.2
BCN EP	14 34 51.8
E▸P	35 07.8
TUC EP	14 35 24.3
ALQ IP	14 35 27.4
FEB 5	
H-15 12 33.0	
26.2N 103.1E	
h ABOUT 35KM	
GUA EP	15 20 12.0
ES	26 17.0
COL IP D	15 24 07.7
I	24 12.6
ES	33 39.0
SIT EP	15 25 02.0
HHM EP	15 26 11.8
E	26 15.8
BMO E(P)	15 26 18.0
E	42 32.8
E	42 57.9
EUR E(P)	15 26 40.5
I	30 03.8
E	30 43.1
E	42 37.7
TUC EP'	15 31 08.3
IP'	31 09.0
E	31 57.0
E	42 01.0
SJG EP'	15 31 49.7
EPP	35 20.5
BHP IP'	15 32 10.2
FEB 5	
BHP IP	15 20 06.8
FEB 5	
BMO EP	15 40 44.0
E(S)	41 02.1
FEB 5	
GCA EP	15 48 57.7
FEB 5	
BCN E(P)	15 54 39.0
FEB 5	
CED IP	16 05 34.9
IS	05 42.2
FEB 5	
H-16 07 56.9	
26.3N 103.4E	
h ABOUT 33KM	
COL EP	16 19 31.0
FEB 5	
H-16 16 01.9	
50.0N 155.4E	
h ABOUT 104KM	
COL IP D	16 22 26.0
I	22 42.2
I	22 53.6
ES	27 35.5
SIT E(P)	16 23 31.2
KIP IP	16 24 19.7
HHM EP	16 25 28.8
I	27 13.8
BMO IP	16 25 32.0
E▸P	26 00.8
BUT E(P)	16 25 40.1
SLD IP D	16 25 52.4
I	25 58.7
I▸P	26 20.0
EUR IP C	16 26 02.5
I▸P	26 29.9
SLC IP	16 26 12.3
CED IP D	16 26 19.5
I	26 27.3
I▸P	26 48.3
FGU IP	16 26 20.6
I	26 57.2
BCN IP D	16 26 22.5
I	26 30.0
I▸P	26 51.0
GCA EP	16 26 29.3
I	26 37.3
I▸P	26 58.8
TUC EP	16 26 53.4
E▸P	27 22.3
E	54 55.0
ALQ IP	16 26 57.5
I	27 04.2
CSC EP	16 28 13.5
FEB 5	
EUR IP	16 55 11.8
FEB 5	
H-17 10 26.3	
15.0S 172.8W	
h ABOUT 50KM	
COL EP	17 22 42.0
FEB 5	
EUR EP	18 26 49.2
FEB 5	
H-18 33 29.8	
19.2S 067.5W	
h ABOUT 236KM	
BMO EP	18 45 05.8
FEB 5	
H-18 55 25.1	
26.5N 103.0E	
h ABOUT 15KM	
COL EP	19 07 01.5
FEB 5	
EUR E(P)	19 24 03.0
FEB 5	
GCA EP	20 09 40.7
BCN EP	20 09 44.8
ALQ IP	20 09 45.4
CED EP	20 09 47.9
TUC E(P)	20 09 54.0
FEB 5	
EUR EP	20 44 13.4
E	44 38.5
FEB 5	
COL EP	21 16 16.3
FEB 5	
CED IP C	21 20 43.3
IS	21 04.0
SLD EP	21 21 03.7
IL	21 40.5
BCN E(P)	21 21 08.7
EL	21 56.0
EUR IP	21 21 46.0
FEB 5	
EUR IP	21 56 29.1
FEB 5	
BMO EP	23 10 17.3

Date and Station	Phase (GCT)
	h m s
FEB 5	
H-23 14 25.7	
7.1S 155.3E	
h ABOUT 72KM	
COL IP	23 26 44.0
EUR IP	23 27 36.0
FEB 05	
H-23 34 35.4	
19.0S 069.2W	
h ABOUT 167KM	
SJG IP C	23 41 29.5
I	41 51.7
IS	47 06.5
E	47 45.5
CSC EP	23 43 42.0
E	44 05.5
ALQ IP	23 44 54.8
I	45 17.5
I	45 30.6
TUC EP	23 44 57.3
E	45 19.6
GCA EP	23 45 23.3
BCN IP	23 45 30.4
IPCP	45 52.5
I▸P	46 05.5
CED EP	23 45 31.6
IPCP	45 54.5
FGU EP	23 45 33.0
EPCP	45 56.5
I▸P	46 07.5
SLC EP	23 45 36.0
EUR IP C	23 45 48.0
I	46 11.1
I	45 28.5
E	49 50.5
SLD IP	23 45 57.0
I	46 18.9
E	46 35.3
BUT EP	23 46 04.8
BMO EP	23 46 13.1
HHM EP	23 46 18.3
COL EP	23 48 12.6
I	48 36.0
E(PP)	52 04.1
FEB 6	
EUR IP	00 22 53.1
FEB 6	
TUC E(P)	02 09 45.4
FEB 6	
H-04 12 26.9	
15.9N 093.6W	
h ABOUT 92KM	

Date and Station	Phase (GCT)
	h m s
CSC EP	04 17 11.0
E	17 37.5
E	17 59.0
ALQ IP	04 17 17.5
I	17 45.4
TUC IP	04 17 21.8
E	17 48.0
SJG E(P)	04 17 51.8
GCA EP	04 17 56.7
BCN IP C	04 18 08.0
E	18 30.0
CED E(P)	04 18 12.2
FGU IP C	04 18 15.1
EUR IP C	04 18 34.2
E	18 56.1
BOZ IP	04 18 57.0
E▸P	19 15.0
BUT IP	04 19 03.0
BMO EP	04 19 12.1
HHM IP	04 19 24.3
COL IP C	04 22 30.3
I▸P	22 53.7
FEB 6	
H-05 03 26.6	
38.0N 118.6W	
h ABOUT 33KM	
SLD IP	05 04 04.0
IS	04 33.0
IL	04 34.8
EUR IP	05 04 06.7
BCN IP	05 04 21.2
I	04 31.4
IL	05 24.2
CED E(P)	05 04 29.5
I	04 35.8
EL	05 27.4
GCA E(P)	05 04 57.5
IL	06 20.5
BMO EP	05 05 07.8
FEB 6	
COL IP	05 26 33.1
FEB 6	
COL EP	05 37 32.0
FEB 6	
COL EP	06 47 47.0
FEB 6	
COL EP	08 52 00.0

Date and Station	Phase (GCT)
	h m s
FEB 6	
H-09 13 21.7	
26.3N 103.1E	
h ABOUT 14KM	
BRW IP	09 24 25.1
COL IP	09 24 59.3
HHM EP	09 27 02.3
ALQ EP'	09 32 00.8
FEB 6	
H-09 52 33.4	
56.8S 025.5W	
h ABOUT 33KM	
SJG E(P)	10 04 50.0
IPCP	04 55.5
E	10 27.7
TUC EP'	10 11 08.1
EUR EP'	10 11 26.0
E	13 05.5
BOZ EP'	10 11 27.0
E	13 14.5
SLD EP'	10 11 29.0
E	17 05.6
BMO EP'	10 11 34.8
E	13 30.7
E	17 10.5
HHM EP'	10 11 36.3
E	17 11.8
ALQ E	10 12 03.0
BRW EP'D	10 12 21.3
E	12 49.3
E	18 16.3
COL EP'	10 12 22.4
I	12 34.0
E	18 00.5
FEB 6	
H-10 16 18.4	
40.4N 127.0W	
h ABOUT 33KM	
UKI EP	10 17 08.9
SLD IP C	10 17 41.0
I	17 47.5
IL	18 46.0
BMO EP	10 18 20.7
BCN E(P)	10 18 55.4
GCA E(P)	10 19 23.2
TUC E(P)	10 19 57.0
ALQ I(P)	10 20 24.2
I	20 30.2
COL E(P)	10 21 58.0

Date and Station	Phase (GCT)
	h m s
BRW E(P)	10 23 04.0
FEB 6	
BOZ E(P)	10 18 51.0
E	19 17.5
FEB 6	
BMO E(P)	10 24 40.9
COL EP	10 25 21.0
FEB 6	
EUR E(P)	10 26 59.5
FEB 6	
COL EP	11 11 46.0
FEB 6	
EUR IP	11 18 26.4
FEB 6	
H-12 03 52.4	
36.9N 107.1W	
h ABOUT 5KM	
ALQ IP	12 04 26.8
I	04 54.5
GCA E(P)	12 04 51.0
E	05 00.0
IL	05 42.7
FEB 6	
TUC E(P)	12 05 33.6
FEB 6	
ALQ IP	12 06 55.0
I	06 22.6
GCA EP	12 07 18.5
E	07 27.7
IL	08 12.0
FEB 6	
EUR E(P)	12 10 22.0
FEB 6	
EUR EP	12 15 41.0
FEB 6	
BMO EP	12 48 16.1
FEB 6	
H-13 24 38.3	
39.0N 021.7E	
h ABOUT 36KM	
COL EP	13 36 24.5
BMO E(P)	13 37 28.9
FEB 6	
BRW EP	14 54 37.9
FEB 6	
BRW E(P)	15 09 54.9
FEB 6	
COL EP	16 41 08.0
FEB 6	
BMO EP	16 46 16.7

Date and Station	Phase	(GCT) h m s
FEB 6		
H-17 33 37.2		
36.9N 107.2W		
h ABOUT 5KM		
ALQ	IP	17 34 12.8
	I	34 38.6
GCA	IP	17 34 35.0
	I	34 44.5
	IL	35 28.5
FEB 6		
COL	EP	17 45 16.0
FEB 6		
ALQ	IP	18 21 50.5
	I	22 16.5
FEB 6		
ALQ	IP	18 55 58.0
FEB 6		
EUR	IP	18 58 05.8
FEB 6		
H-19 05 17.6		
36.9N 137.8E		
h ABOUT 33KM		
BRW	IP D	19 13 54.5
COL	EP	19 14 16.0
BMO	EP	19 16 52.2
BOZ	E(P)	19 17 09.0
EUR	IP	19 17 15.6
FEB 6		
H-20 21 11.7		
40.4N 126.2W		
h ABOUT 33KM		
UKI	E(P)	20 22 03.0
SLD	IP	20 22 26.7
	IL	23 32.5
BMO	EP	20 23 06.0
EUR	EP	20 23 09.1
BCN	E(P)	20 23 40.0
BUT	E(P)	20 23 56.2
TUC	E(P)	20 24 44.3
ALQ	I(P)	20 25 08.5
FEB 6		
BMO	E(P)	21 05 59.2
FEB 6		
COL	EP	21 21 23.4
FEB 6		
H-21 23 54.5		
45.8N 153.9E		
h ABOUT 64KM		
COL	EP	21 30 56.0
BMO	E(P)	21 33 50.6
BOZ	EP	21 34 10.0
EUR	IP	21 34 18.5
	E▸P	34 31.2
FEB 6		
COL	IP	21 33 57.0
FEB 6		
ALQ	IP	22 29 27.0
BMO	E(P)	22 30 01.8
FEB 6		
BMO	EP	22 56 46.8
FEB 6		
H-23 28 07.7		
60.4N 152.3W		
h ABOUT 91KM		
COL	IP	23 29 21.8
SIT	IP	23 30 19.0
	IS	31 56.0
BRW	IP D	23 30 45.0
	I	31 06.5
	IS	32 51.9
	EL	33 42.5
	ESCP	39 53.9
HHM	EP	23 33 23.9
	E	33 41.9
	IS	37 21.4
	ISCP	40 26.9
BMO	EP	23 33 32.9
BUT	EP	23 33 44.6
	E	33 55.7
BOZ	IP	23 33 51.5
	E	34 10.0
SLD	EP	23 34 14.3
	E▸P	34 34.0
EUR	IP D	23 34 16.4
	I▸P	34 37.4
	I	34 56.5
SLC	EP	23 34 23.6
	E▸P	34 43.7
FGU	IP D	23 34 32.0
	E▸P	34 52.0
BCN	EP	23 34 47.0
CED	EP	23 34 49.3
GCA	EP	23 34 51.3
ALQ	IP	23 35 25.0
	I▸P	35 45.5
	I	37 34.8
TUC	EP	23 35 27.5
	E▸P	35 49.5
FEB 6		
SLD	EP	23 37 10.0
	I▸P	37 35.5
EUR	IP D	23 37 11.9
	I▸P	37 36.0
FGU	IP	23 37 16.0
	I▸P	37 40.0
BCN	EP	23 37 21.0
	I▸P	37 45.9
TUC	EP	23 37 35.4
	E	38 00.2
FEB 6		
COL	EP	23 43 25.4
FEB 6		
EUR	E(P)	23 40 46.0
	E	41 30.3
FGU	EP	23 40 51.0
	E▸P	41 33.0
FEB 7		
EUR	IP	00 06 16.9
BMO	EP	00 07 26.1
FEB 7		
BMO	EP	02 40 35.1
FEB 7		
EUR	IP	03 05 53.0
FEB 7		
COL	EP	03 59 20.0
FEB 7		
COL	EP	04 04 16.4
FEB 7		
EUR	E(P)	04 21 20.4
	E	21 28.5
FEB 7		
H-04 26 10.6		
29.9N 069.7E		
h ABOUT 10KM		
BRW	EP C	04 37 46.9
	I	38 07.0
	E	54 54.9
COL	IP C	04 38 26.6
	IPCP	38 31.1
	I	39 29.9
	I	42 41.5
	ES	48 47.0
	EPKKP	56 46.5
HHM	EP	04 40 11.0
	E	43 08.0
BUT	E(P)	04 40 18.1
	EPP	44 33.1
BOZ	EP	04 40 24.0
	E	44 10.5
	EPKKP	56 05.0
BMO	E(P)	04 40 27.4
	EPP	44 32.7
EUR	E(P)	04 40 53.0
	E	41 11.7
	E	44 00.1
	EP'	44 50.5
	EPP	45 27.9
	EPPP	47 28.5
	EPKKP	54 46.0
	I	55 54.6
SLD	EP'	04 44 47.8
	EPP	45 44.8
BCN	EP'	04 45 00.0
	EPP	46 05.5
TUC	EP'	04 45 01.9
	EPKKP	55 19.5
FEB 7		
COL	EP	04 49 08.5
FEB 7		
HON	EP	05 05 52.0
	EL	20 32.0
FEB 7		
COL	IP	05 08 25.5
FEB 7		
COL	EP	05 15 44.0
EUR	IP	05 18 18.2
FEB 7		
H-05 21 45.0		
30.0N 069.9E		
h ABOUT 13KM		
BRW	EP	05 33 19.9
COL	IP	05 34 00.5
BMO	EP'	05 40 21.9
EUR	EP'	05 40 22.4
FEB 7		
H-05 30 15.5		
30.0N 069.8E		
h ABOUT 23KM		
BRW	IP C	05 41 49.1
COL	IP C	05 42 29.8
	I	43 28.5
	E	45 11.5
BOZ	EP	05 44 22.0
	E	46 18.0
BMO	EP'	05 48 29.5
	E	48 45.5
EUR	IP'	05 48 49.2
	E	51 21.0
TUC	EP'	05 49 04.1
FEB 7		
BRW	E(P)	05 32 54.7

Date and Station	Phase (GCT)
	h m s
COL EP	05 33 39.3
FEB 7	
EUR EP	05 44 11.0
BMO E(P)	05 45 01.8
ALQ IP	05 46 12.0
I	48 54.0
FEB 7	
BRW E(P)	05 51 07.0
FEB 7	
EUR IP	05 47 14.5
HHM E(P)	05 47 44.0
E	48 19.0
FEB 7	
BMO E(P)	05 57 25.5
COL EP	06 01 06.5
E	02 43.9
FEB 7	
EUR E(P)	05 59 47.2
FEB 7	
COL EP	06 05 22.0
FEB 7	
COL EP	06 12 16.7
FEB 7	
COL E(P)	06 31 15.4
BMO E(P)	06 33 17.9
FEB 7	
ALQ IP	06 38 55.2
FEB 7	
COL E(P)	06 52 54.3
E	53 28.0
FEB 7	
EUR IP	06 58 35.6
FEB 7	
H-06 57 01.4	
30.1N 070.2E	
h ABOUT 24KM	
COL IP	07 09 13.5
BMO EP'	07 15 24.0
FEB 7	
COL EP	07 01 23.0
FEB 7	
H-07 16 20.6	
10.3S 162.5E	
h ABOUT 33KM	
COL EP	07 28 45.0
EUR E(P)	07 29 19.6
FEB 7	
H-07 28 19.0	
30.3N 070.0E	
h ABOUT 43KM	

Date and Station	Phase (GCT)
	h m s
COL EP	07 40 29.0
FEB 7	
H-07 40 23.0	
19.1N 108.0W	
h ABOUT 33KM	
TUC E(P)	07 43 33.6
ALQ EP	07 44 06.0
I	44 10.0
CED E(P)	07 44 22.3
BCN EP	07 44 31.0
GCA EP	07 44 31.1
EUR IP	07 45 10.8
FGU EP	07 45 14.0
SLC IP	07 45 15.1
BMO EP	07 46 01.1
HHM EP	07 46 26.0
COL EP	07 49 36.0
FEB 7	
EUR IP	08 02 02.5
FEB 7	
EUR IP	08 23 14.0
FEB 7	
BMO E(P)	08 34 11.4
FEB 7	
BOZ EP	08 36 46.0
I	36 55.2
E	55 17.5
FEB 7	
H-08 38 10.5	
30.1N 070.0E	
h ABOUT 9KM	
COL IP	08 50 26.1
I	50 32.3
E	57 34.0
HHM E(P)	08 51 10.0
I	51 13.0
E	54 00.0
FGU EP	08 52 39.0
FEB 7	
H-08 41 18.4	
14.4S 073.8W	
h ABOUT 7KM	
ALQ EP	08 51 15.0
E(PP)	53 43.6
FGU EP	08 51 57.0
EUR IP D	08 52 11.2
I	52 16.4
E	54 11.6
E(S)	57 38.5

Date and Station	Phase (GCT)
	h m s
COL IP	08 54 47.7
FEB 7	
H-08 48 35.4	
51.2N 130.0W	
h ABOUT 34KM	
BMO IP	08 51 07.2
BUT E(P)	08 51 23.1
E	55 24.1
COL I(P)	08 52 26.8
BCN E(P)	08 52 59.0
CED EP	08 52 59.4
GCA EP	08 53 01.5
TUC E(P)	08 53 45.0
E	56 11.5
FEB 7	
SIT IP	08 52 05.0
FEB 7	
COL EP	08 57 34.0
FEB 7	
BMO EP	09 07 34.2
FEB 7	
ALQ IP	09 10 27.4
IS	10 34.5
FEB 7	
TUC EP	09 11 26.2
EL	12 16.5
FEB 7	
EUR IP	09 35 32.0
FEB 7	
COL EP	10 11 43.6
FEB 7	
ALQ IP	10 13 08.5
EUR IP	10 13 44.8
FEB 7	
H-12 22 41.7	
05.7S 146.5E	
h ABOUT 60KM	
COL EP	12 35 12.0
FEB 7	
H-12 50 29.0	
53.2N 162.1W	
h ABOUT 33KM	
COL E(P)	12 53 38.0
BRW EP	12 54 39.7
BMO EP	12 56 37.7
HHM EP	12 56 38.1
E	56 47.6

Date and Station	Phase (GCT)
	h m s
BOZ IP	12 57 03.6
I	57 13.5
IS	13 02 24.5
EUR EP	12 57 12.2
FEB 7	
BMO EP	13 02 09.7
FEB 7	
BMO EP	13 35 39.0
FEB 7	
H-14 03 03.3	
52.0N 128.0W	
h ABOUT 33KM	
BMO EP	14 05 28.9
BOZ E(P)	14 06 12.0
E	09 38.5
COL EP	14 06 53.0
FEB 7	
HHM E(P)	14 05 46.1
I	08 59.1
FEB 7	
BUT E(P)	14 08 43.0
FEB 7	
BMO E(P)	14 39 06.7
FEB 7	
CED EP	14 39 07.2
IL	39 28.7
FEB 7	
H-14 59 49.1	
24.8S 068.8W	
h ABOUT 102KM	
EUR I(P)	15 10 39.0
TUC EP	15 10 49.3
E	11 28.7
BMO EP	15 12 00.5
HHM EP	15 12 06.1
E	12 34.1
FEB 7	
COL EP	15 55 30.5
FEB 7	
EUR IP	16 20 50.2
BMO EP	16 22 03.5
FEB 7	
EUR IP	16 46 05.0
FEB 7	
H-17 00 18.5	
13.4S 172.8E	
h ABOUT 619KM	
COL EP	17 11 42.0
EUR IP	17 11 49.0
BMO EP	17 11 54.1

Date and Station	Phase	(GCT) h m s
FEB 7		
ALQ	IP	17 41 20.4
FEB 7		
EUR	E(P)	17 51 07.0
	I	51 22.7
FEB 7		
SLD	IP	17 51 40.6
	IS	51 58.3
FEB 7		
H-17 55 38.8		
36.4N 117.9W		
h ABOUT 33KM		
CED	E(P)	17 56 12.7
	I	56 16.1
	IL	56 45.7
BCN	E(P)	17 56 19.6
	EL	56 51.0
SLD	EP	17 56 22.3
	IL	56 58.5
FEB 7		
TUC	E(P)	17 59 17.2
FEB 7		
ALQ	IP	18 04 49.6
	I	04 51.5
FEB 7		
BCN	EP	18 08 06.5
FEB 7		
BMO	EP	20 15 42.6
FEB 7		
COL	EP	20 16 03.0
FEB 7		
COL	EP	20 49 57.0
BMO	E(P)	20 51 16.4
FEB 7		
ALQ	IP	21 20 03.5
TUC	E(P)	21 20 05.1
BMO	EP	21 21 59.0
COL	EP	21 25 18.1
FEB 7		
BMO	EP	21 24 29.0
FEB 7		
BMO	EP	22 02 26.4
FEB 7		
BMO	E(P)	22 09 19.5
FEB 7		
EUR	EP	22 22 25.2

Date and Station	Phase	(GCT) h m s
FEB 7		
H-23 06 34.7		
30.3N 069.9E		
h ABOUT 11KM		
BRW	EP	23 18 08.5
	I	18 10.7
	E	19 59.5
	IPP	20 57.5
COL	IP C	23 18 48.3
	I	19 14.2
	I	20 39.5
	E	34 17.0
	E	37 29.2
BUT	E(P)	23 20 38.9
BOZ	EP	23 20 42.5
	EP'	24 04.0
	EPP	25 00.0
BMO	E(P)	23 20 47.2
	EPKKP	23 36 25.8
EUR	E	23 21 21.0
	E	24 27.6
	I	25 10.5
	IPP	25 40.1
	E	27 37.5
	E	31 31.0
	EPKKP	36 10.0
HHM	E(P)	23 22 03.1
	E	23 05.1
	E	24 45.1
ALQ	IP'	23 25 08.5
BCN	EP'	23 25 15.5
	EPP	26 14.0
TUC	EP'	23 25 25.0
FEB 7		
GUA	E(P)	23 18 09.0
	ES	27 09.0
FEB 8		
BMO	EP	00 07 04.1
FEB 8		
BMO	E(P)	00 29 24.0
FEB 8		
EUR	EP	00 50 29.3
FEB 8		
KIP	IP	01 55 02.0
	ES	02 01 36.0
FEB 8		
HON	EP	01 55 11.0
	IS	02 01 45.0
FEB 8		
BMO	E(P)	02 33 44.8
FEB 8		
H-02 59 26.3		
14.9N 092.9W		
h ABOUT 13KM		
TUC	EP	03 04 41.2

Date and Station	Phase	(GCT) h m s
FGU	EP	03 05 34.5
BOZ	EP	03 06 16.6
BMO	EP	03 06 31.1
COL	EP	03 09 47.0
FEB 8		
ALQ	EP	03 02 30.8
	I	04 37.5
FEB 08		
H-04 10 43.2		
21.7S 168.4E		
h ABOUT 33KM		
EUR	E(P)	04 23 54.6
BMO	E(P)	04 24 02.7
FEB 8		
COL	EP	04 28 24.0
FEB 8		
BMO	IP	04 40 56.1
FEB 8		
H-05 11 51.2		
14.3N 093.1W		
h ABOUT 33KM		
TUC	EP	05 17 07.0
FGU	EP	05 17 59.5
BMO	EP	05 18 55.9
FEB 8		
BRW	E(P)	05 48 16.1
	E	48 24.8
FEB 8		
H-05 53 05.6		
30.2N 070.1E		
h ABOUT 6KM		
COL	EP	06 05 21.0
FEB 8		
H-06 19 52.7		
14.9N 092.9W		
h ABOUT 33KM		
ALQ	IP	06 25 01.0
TUC	E(P)	06 25 04.8
FGU	EP	06 25 57.8
EUR	EP	06 26 16.2
BMO	EP	06 26 54.2
FEB 8		
COL	EP	06 28 43.0
FEB 8		
EUR	EP	06 32 03.0
FEB 8		
H-06 57 01.5		
37.3N 121.7W		
h ABOUT 10KM		

Date and Station	Phase	(GCT) h m s
SLD	IP C	06 57 11.2
	IS	57 18.8
EUR	E(P)	06 58 27.0
	E	58 35.6
	E(S)	59 36.9
FEB 8		
H-07 09 04.0		
36.3N 141.4E		
h ABOUT 38KM		
COL	EP	07 17 54.0
BMO	E(P)	07 20 21.1
EUR	E(P)	07 20 51.0
FEB 8		
H-07 58 28.1		
51.2N 129.2W		
h ABOUT 33KM		
BMO	EP	08 00 53.8
EUR	E(P)	08 02 02.5
	I	02 09.6
COL	EP	08 02 23.1
FEB 8		
COL	E(P)	08 11 43.0
FEB 8		
EUR	EP	09 26 39.5
FEB 8		
BMO	E(P)	09 28 31.1
FEB 8		
BMO	IP	09 50 33.0
FEB 8		
H-10 02 10.6		
21.2S 178.6W		
h ABOUT 544KM		
CED	EP	10 13 26.1
BCN	EP	10 13 38.4
TUC	IP	10 13 45.6
GCA	IP D	10 13 53.7
BMO	EP	10 13 55.3
COL	IP D	10 14 06.9
	I	14 22.8
	EPP	16 09.5
FGU	IP D	10 14 09.0
HHM	IP	10 14 12.6
BOZ	IP	10 14 13.5
FEB 8		
COL	IP	10 23 43.7
FEB 8		
BMO	EP	10 36 18.1

Date and Station	Phase (GCT)
	h m s
FEB 8	
COL EP	12 10 08.0
FEB 8	
BMO IP	12 23 11.8
FEB 8	
BMO EP	12 26 59.6
FEB 8	
H-13 16 21.3	
36.2N 028.1E	
h ABOUT 74KM	
COL E(P)	13 27 20.0
BRW EP	13 27 43.0
BMO EP	13 29 28.4
FEB 8	
GUA EP	14 54 03.0
ES	54 27.0
FEB 8	
EUR IP	14 58 33.5
FEB 8	
COL EP	15 04 01.0
BMO EP	15 05 44.3
HHM EP	15 05 50.5
I	06 40.6
FEB 8	
H-14 54 30.5	
24.2S 067.3W	
h ABOUT 173KM	
ALQ IP	15 05 23.6
TUC EP	15 05 25.1
EUR E(P)	15 05 57.1
I	06 12.7
BMO E(P)	15 06 35.9
FEB 8	
COL EP	15 37 41.0
FEB 8	
H-16 10 05.6	
18.6N 106.5W	
h ABOUT 33KM	
TUC E(P)	16 13 25.8
BCN E(P)	16 14 25.0
EUR IP	16 15 02.6
BOZ EP	16 15 50.0
BMO E(P)	16 16 00.0
FEB 8	
H-17 06 45.3	
18.8N 106.8W	
h ABOUT 33KM	
TUC EP	17 10 03.7
E	10 13.2
E(S)	12 46.0
BCN EP	17 11 04.0
EL	17 59.0
FGU EP	17 11 40.3
EUR EP C	17 11 40.6
I	12 00.8
E	13 48.0
SLC E(P)	17 11 42.2
BOZ EP	17 12 27.2
BMO E(P)	17 12 28.7
HHM E(P)	17 12 48.1
FEB 8	
ALQ EP	17 09 14.0
I	10 12.5
FEB 8	
BMO EP	17 36 13.0
FEB 8	
COL IP	17 45 21.5
BMO E(P)	17 46 22.7
FEB 8	
COL IP	17 48 39.6
FEB 8	
EUR E(P)	17 56 47.5
E	57 20.5
FEB 8	
BMO E(P)	18 09 19.2
EUR EP	18 09 30.0
FEB 8	
BMO E(P)	18 32 02.4
ALQ IP	18 34 54.8
FEB 8	
COL EP	18 53 42.0
FEB 8	
BHP IP	19 04 58.8
IS	05 21.0
FEB 8	
COL EP	19 11 16.0
FEB 8	
BMO EP	19 33 03.4
FEB 8	
H-19 50 04.9	
60.3N 140.7W	
h ABOUT 33KM	
SIT E(P)	19 51 07.5
COL EP	19 51 28.6
EL	53 08.8
BMO EP	19 54 48.5
EUR IP	19 55 36.2
TUC E(P)	19 56 54.0
FEB 8	
ALQ IP	19 58 13.5
I	58 41.0
FEB 8	
BMO E(P)	20 07 01.6
EUR EP	20 07 42.8
E	07 54.0
FEB 8	
H-20 08 05.0	
41.1N 025.0E	
h ABOUT 33KM	
COL IP	20 19 40.8
HHM IP	20 20 33.5
BMO EP	20 20 53.1
EUR IP	20 21 14.9
FEB 8	
ALQ IP	21 28 58.4
I	29 33.8
FEB 8	
BMO EP	21 51 20.3
FEB 8	
ALQ IP	22 39 31.0
I	40 11.0
FEB 8	
BMO EP	22 39 31.3
FEB 8	
H-23 27 01.2	
08.8S 067.5E	
h ABOUT 33KM	
BMO EP'	23 46 42.0
EUR IP'	23 46 50.2
SLD EP'	23 46 50.5
E	46 56.5
FEB 8	
BMO E(P)	23 33 28.1
E(S)	33 59.1
FEB 8	
BMO EP	23 45 11.0
FEB 8	
BCN EP	23 58 44.8
ES	59 05.3
EUR IP	23 59 20.2
FEB 9	
H-00 55 18.5	
14.5N 093.0W	
h ABOUT 28KM	
BHP IP	00 58 40.0
IS	01 03 10.0
CSC EP	01 00 12.0
E(S)	04 36.0
ALQ IP	01 00 30.2
I	01 05.2
TUC EP	01 00 33.6
E(S)	05 02.0
BCN EP	01 01 18.5
FGU IP	01 01 27.1
BOZ EP	01 02 09.5
BUT E(P)	01 02 13.2
BMO EP	01 02 23.7
HHM EP	01 02 35.6
EUR I(P)	01 02 45.8
COL EP	01 05 40.0
BRW EP	01 06 16.6
FEB 9	
H-01 19 22.7	
07.0N 073.0W	
h ABOUT 152KM	
EUR EP	01 28 06.3
BMO E(P)	01 28 30.9
FEB 9	
COL EP	01 20 11.0
FEB 9	
COL IP	02 07 30.5
FEB 9	
H-03 55 04.7	
16.6S 072.3W	
h ABOUT 75KM	
ALQ IP	04 05 09.8
EUR EP	04 06 05.5
BMO EP	04 06 31.9
FEB 9	
H-04 40 27.1	
56.6S 025.5W	
h ABOUT 21KM	
BHP IP	04 52 30.0
E(S)	05 02 20.0
SJG IP	04 52 46.0
I	55 57.0
TUC EP'	04 59 05.0
EPKKP	05 09 40.0
ALQ EP'	04 59 05.5
I	59 59.5
IPKKP	05 09 59.0
BCN EP'	04 59 16.0
E	59 32.0
EPP	05 00 43.5

Date and Station	Phase	(GCT) h m s
FGU	EP'	04 59 16.5
	E	59 19.2
	IPP	05 00 41.5
	EPKKP	05 09 25.5
SLC	EP'	04 59 20.4
	EPP	05 00 50.9
EUR	EP'	04 59 21.7
	EPP	05 00 55.7
	EPKKP	05 09 20.1
SLD	EP'	04 59 23.8
BOZ	EP'	04 59 25.6
	EPP	05 01 10.0
BUT	EP'	04 59 27.2
BMO	EP'	04 59 29.7
HHM	IP'	04 59 31.6
BRW	EP'	05 00 09.5
	I	00 18.9
	I	00 29.5
COL	EP'	05 00 09.7
	I	00 19.0
	I	00 30.2
FEB 9		
COL	EP	05 32 49.0
FEB 9		
H-05 36 22.3		
40.8N 025.9E		
h ABOUT 48KM		
BMO	E(P)	05 49 11.1
FEB 9		
BMO	E(P)	06 09 25.1
COL	EP	06 10 14.0
FEB 9		
H-06 22 44.6		
12.7N 087.8W		
h ABOUT 98KM		
ALQ	IP	06 28 28.5
	I	28 46.0
TUC	E(P)	06 28 35.0
FGU	IP	06 29 21.0
	I>P	29 41.0
EUR	EP	06 29 43.8
	E>P	30 02.9
BOZ	EP	06 30 00.8
	I>P	30 21.0
BMO	EP	06 30 17.3
COL	EP	06 33 21.0
FEB 9		
COL	EP	06 26 16.0
HHM	E(P)	06 28 27.1
	E	30 26.1
BMO	E(P)	06 28 28.7
FEB 9		
BCN	IP	06 58 52.0
	IS	58 55.6
FEB 9		
COL	EP	06 59 00.5
	I	59 10.4
FEB 9		
BMO	EP	07 05 51.2
FEB 9		
H-07 18 47.8		
09.8S 116.4E		
h ABOUT 35KM		
KIP	I(P)	07 31 45.4
BRW	EP	07 32 22.6
COL	EP	07 32 35.0
BMO	EP'	07 37 40.5
HHM	EP'	07 37 42.6
	E	37 59.6
EUR	IP'C	07 37 47.5
	I	38 04.1
	E	38 44.1
	EPP	50 00.0
BOZ	EP'	07 37 48.5
	E	38 05.5
BCN	IP'D	07 37 52.3
	E	38 02.0
	EPP	40 02.5
FGU	EP'	07 37 55.0
GCA	EP'	07 37 56.4
TUC	EP'	07 38 00.5
	E	38 16.2
WSC	EP'	07 38 28.9
	E	38 31.7
	E	38 49.4
CSC	EP'	07 38 32.0
	E	38 38.0
	E	38 55.0
FEB 9		
ALQ	IP	07 22 46.5
	I	23 04.2
	I	41 38.0
FEB 9		
COL	EP	07 35 57.0
TUC	EP	07 41 18.7
FEB 9		
BMO	EP	07 44 35.7
FEB 9		
COL	IP	07 48 45.8
FEB 9		
EUR	E(P)	07 47 27.0
BMO	EP	07 47 36.2
FEB 9		
BMO	EP	07 49 41.4
FEB 9		
COL	EP	07 59 01.0
FEB 9		
H-08 14 04.8		
02.0N 094.6E		
h ABOUT 33KM		
BRW	E(P)	08 27 33.1
BMO	EP'	08 33 04.9
	E	33 22.4
BOZ	EP'	08 33 11.0
EUR	EP'	08 33 22.3
FEB 9		
H-08 22 17.7		
29.9N 069.8E		
h ABOUT 28KM		
BRW	EP	08 33 52.8
COL	IP	08 34 32.3
EUR	EP'	08 40 51.6
FEB 9		
BRW	E(P)	08 31 01.9
FEB 9		
H-08 42 27.5		
56.5S 025.4W		
h ABOUT 33KM		
BMO	EP'	09 01 28.8
BRW	EP'	09 02 16.0
COL	EP'	09 02 18.0
FEB 9		
H-09 53 30.8		
26.0S 177.7W		
h ABOUT 170KM		
TUC	E(P)	10 05 55.0
EUR	IP	10 05 57.2
COL	E(P)	10 06 37.0
FEB 9		
H-10 46 57.3		
56.5S 025.2W		
h ABOUT 50KM		
TUC	EP'	11 05 33.0
EUR	EP'	11 05 49.1
	E	07 29.0
BOZ	EP'	11 05 53.0
BMO	EP'	11 05 56.9
HHM	EP'	11 05 58.6
COL	EP'	11 06 37.5
	I	06 46.0
	I	06 55.9
BRW	EP'	11 06 42.4
FEB 9		
ALQ	E(P)	11 06 20.5
FEB 9		
BMO	IP	11 26 05.2
	IS	26 08.6
FEB 9		
ALQ	IP	12 51 05.4
FEB 9		
H-13 57 48.6		
35.3S 106.0W		
h ABOUT 33KM		
ALQ	I(P)	14 08 00.4
SJG	IP	14 08 26.3
TUC	E(P)	14 08 43.8
EUR	IP	14 09 29.3
FGU	EP	14 09 33.2
SLC	E(P)	14 09 35.0
BMO	EP	14 09 58.8
BOZ	EP	14 10 03.0
	I	10 09.0
HHM	E(P)	14 10 14.1
FEB 9		
BCN	EP	14 09 24.5
FEB 9		
BHP	EP	14 14 00.0
FEB 9		
H-14 44 23.5		
37.3N 134.9E		
h ABOUT 359KM		
COL	IP	14 52 56.5
BRW	I(P)	14 53 31.4
HHM	IP	14 55 29.1
BMO	EP	14 55 30.7
BOZ	IP	14 55 45.1
EUR	IP C	14 55 53.5
	I	56 15.8
	I	56 32.2
BCN	IP C	14 56 09.5
TUC	E(P)	14 56 33.0
FEB 9		
H-15 13 29.2		
15.2S 075.3W		
h ABOUT 45KM		

Date and Station	Phase (GCT)
	h m s
BHP E(P)	15 18 47.5
ES	23 26.0
SJG E(P)	15 20 26.0
WSC EP	15 22 49.8
E	22 52.1
E	23 16.9
ALQ IP	15 23 20.0
I	23 31.5
TUC IP C	15 23 21.8
BCN EP	15 23 56.0
FGU EP	15 24 01.4
SLC EP	15 24 08.4
EUR IP C	15 24 16.1
SLD IP	15 24 25.0
BOZ IP	15 24 31.7
BUT EP	15 24 35.7
BMO E(P)	15 24 42.2
CED E(P)	15 24 57.9
COL EP	15 26 54.0
FEB 9	
COL EP	15 30 47.0
FEB 9	
BUT E(P)	15 59 19.2
EL	59 43.2
FEB 9	
EUR IP	18 10 40.0
FEB 9	
BCN EP	18 20 52.0
FEB 9	
BMO E(P)	18 57 14.3
FEB 9	
COL EP	19 31 22.0
FEB 9	
EUR EP	19 37 18.3
FEB 9	
BMO EP	19 37 06.8
FEB 9	
H-19 56 51.9	
56.6S 025.5W	
h ABOUT 33KM	
BOZ EP'	20 15 46.0
EPP	17 35.0
HHM EP'	20 15 52.1
E	16 17.1
COL EP'	20 16 37.0
FEB 9	
COL IP	20 11 44.8

Date and Station	Phase (GCT)
	h m s
FEB 9	
H-20 13 50.1	
27.4S 026.7E	
h ABOUT 33KM	
BMO EP'	20 33 52.5
FEB 9	
EUR IP	20 25 33.2
FEB 9	
H-20 30 23.2	
01.7S 077.9W	
h ABOUT 167KM	
ALQ IP	20 38 26.0
I▸P	39 04.5
TUC EP	20 38 31.5
EUR EP	20 39 31.2
E▸P	40 10.6
BMO E(P)	20 40 00.4
COL EP	20 42 31.0
FEB 9	
BMO E(P)	20 37 52.3
FEB 9	
BMO IP	20 38 01.4
FEB 9	
H-20 42 31.6	
44.6N 149.0E	
h ABOUT 50KM	
COL IP	20 50 00.1
EUR IP	20 53 19.5
BMO E(P)	20 53 57.7
FEB 9	
ALQ IP	20 43 20.2
I	43 56.2
FEB 9	
COL IP	21 09 13.3
FEB 9	
COL IP	21 22 50.2
FEB 9	
EUR E(P)	22 23 30.6
FEB 9	
H-22 26 09.7	
30.1N 069.9E	
h ABOUT 31KM	
COL EP	22 38 22.0
FEB 9	
BMO E(P)	22 29 20.9
FEB 9	
COL EP	22 46 29.0
FEB 9	
COL EP	22 53 46.0

Date and Station	Phase (GCT)
	h m s
FEB 9	
BMO E(P)	23 22 27.2
E(S)	22 59.8
FEB 9	
BCN IP	23 24 55.0
IS	24 59.8
FEB 9	
H-23 33 00.7	
32.6N 141.6E	
h ABOUT 48KM	
COL EP	23 42 12.0
BMO EP	23 44 37.8
HHM EP	23 44 39.1
BUT E(P)	23 44 43.2
EUR IP	23 45 00.0
BCN EP	23 45 13.4
E	45 24.5
FGU EP	23 45 16.9
FEB 9	
COL IP	23 45 02.4
TUC E(P)	23 45 14.3
FEB 9	
BMO E(P)	23 53 20.8
FEB 10	
H-00 19 41.7	
01.7N 090.4W	
h ABOUT 33KM	
ALQ EP	00 26 44.6
BCN E(P)	00 27 28.5
FGU EP	00 27 37.0
EUR IP	00 27 49.0
BMO E(P)	00 28 30.8
FEB 10	
BMO EP	00 31 27.1
E(S)	31 51.4
FEB 10	
BMO E(P)	00 36 40.7
FEB 10	
FGU EP	01 12 26.7
BMO E(P)	01 13 08.4
FEB 10	
H-01 24 11.8	
29.8S 178.6W	
h ABOUT 9KM	
BCN E(P)	01 37 11.7
TUC E(P)	01 37 12.0
EUR EP	01 37 16.2

Date and Station	Phase (GCT)
	h m s
ALQ E(P)	01 37 30.0
BMO E(P)	01 37 32.7
FEB 10	
H-01 59 26.4	
30.0S 178.3W	
h ABOUT 24KM	
BMO E(P)	02 12 25.5
TUC E(P)	02 12 29.2
FEB 10	
COL EP	02 47 25.0
FEB 10	
BMO E(P)	03 49 12.9
FEB 10	
BMO EP	03 53 15.4
FEB 10	
BCN IP	04 39 10.3
IS	39 28.3
EUR IP	04 39 54.4
FEB 10	
COL EP	04 45 24.0
FEB 10	
BMO EP	04 59 16.1
FEB 10	
TUC E(P)	05 23 22.0
ALQ IP	05 23 25.8
EUR E(P)	05 24 05.5
BMO EP	05 24 42.4
FEB 10	
H-05 29 13.6	
31.1N 141.6E	
h ABOUT 33KM	
BRW EP C	05 38 19.6
COL EP	05 38 36.0
BMO EP	05 40 57.4
HHM EP	05 40 59.6
SLD E(P)	05 41 04.5
BUT EP	05 41 11.2
BOZ EP	05 41 15.5
EUR EP	05 41 17.4
I	41 21.4
I	41 44.2
E(PP)	44 15.5
SLC EP	05 41 29.8
BCN EP	05 41 33.5
FGU EP	05 41 36.5
GCA E(P)	05 41 41.4

Date and Station	Phase	(GCT) h m s
TUC	E(P)	05 41 49.4
ALQ	EP	05 42 03.5
FEB 10		
COL	EP	06 13 17.0
FEB 10		
EUR	IP	06 15 00.0
FEB 10		
BMO	EP	06 15 39.4
	E	33 11.4
HHM	EP	06 15 41.1
BOZ	EP	06 15 57.0
FEB 10		
FGU	EP	06 16 18.2
FEB 10		
H-06 23 38.9		
15.7N 060.4W		
h ABOUT 54KM		
SJG	EP	06 25 07.5
	IL	26 13.0
TUC	E(P)	06 32 18.4
BOZ	EP	06 32 46.5
EUR	E(P)	06 32 57.5
FEB 10		
COL	EP	06 48 48.0
FEB 10		
EUR	IP	06 49 31.2
FEB 10		
BMO	EP	06 53 56.1
	E(S)	54 22.7
FEB 10		
BMO	E(P)	09 06 23.6
	ES	07 16.8
FEB 10		
BMO	EP	09 26 27.8
EUR	IP	09 26 36.1
FEB 10		
BMO	E(P)	09 35 21.9
FEB 10		
ALQ	IP	09 55 06.2
	I	55 08.0
	I	55 33.5
GCA	E(P)	09 55 28.0
	I	55 39.0
	IL	56 18.3
TUC	E(P)	09 56 09.2
FEB 10		
BMO	E(P)	10 01 33.7
FEB 10		
COL	IP	10 19 47.3
BMO	E(P)	10 22 44.8
EUR	EP D	10 23 16.2
	E	23 28.0
FEB 10		
COL	IP	10 29 33.5
FEB 10		
H-10 43 30.6		
16.7S 073.9W		
h ABOUT 15KM		
TUC	E(P)	10 53 40.0
FGU	EP	10 54 20.0
EUR	IP	10 54 34.2
BOZ	EP	10 54 48.0
BMO	EP	10 55 01.3
HHM	EP	10 55 07.9
FEB 10		
BMO	EP	11 06 56.8
FEB 10		
BMO	EP	12 00 13.0
FEB 10		
BMO	E(P)	12 01 02.5
FEB 10		
H-12 38 51.6		
56.6N 153.4W		
h ABOUT 33KM		
COL	IP	12 40 57.4
BRW	EP	12 42 19.3
HHM	EP	12 44 13.1
BMO	E(P)	12 44 18.4
EUR	IP	12 44 57.8
FEB 10		
COL	EP	12 51 51.0
FEB 10		
H-13 21 45.0		
39.0N 21.7E		
h ABOUT 33KM		
COL	IP	13 33 33.9
BMO	EP	13 34 38.2
FEB 10		
EUR	IP	13 50 26.5
BMO	EP	13 51 34.7
FEB 10		
H-14 19 47.3		
37.8N 121.8W		
h ABOUT 3KM		
SLD	IP	14 20 04.7
	IS	20 19.0
UKI	E(P)	14 20 21.5
FEB 10		
H-14 21 08.7		
37.9N 121.8W		
h ABOUT 3KM		
SLD	IP	14 21 25.9
	IS	21 40.3
EUR	I(P)	14 22 30.8
FEB 10		
H-14 21 11.2		
20.8N 146.3E		
h ABOUT 46KM		
GUA	EP	14 23 00.0
KIP	IP	14 30 15.4
	I	30 35.0
HON	IP	14 30 16.8
	IS	37 49.2
BRW	EP C	14 31 14.3
	I	31 18.4
	I	31 27.3
	EP'P'	15 00 58.5
COL	EP D	14 31 21.7
	I	31 39.5
	ES	39 54.0
	EP'P'	15 00 35.5
SLD	EP	14 33 15.3
	E	33 30.0
BMO	EP	14 33 17.4
HHM	IP	14 33 22.9
	E(S)	43 16.1
	EL	53 28.1
EUR	IP C	14 33 31.7
	IPCP	33 39.8
	IPP	37 00.0
BUT	IP	14 33 31.7
BOZ	IP	14 33 36.0
	ES	43 48.0
	EL	53 41.5
CED	E(P)	14 33 36.3
BCN	EP	14 33 43.5
	E	33 54.0
	EPP	37 09.0
SLC	IP	14 33 44.3
FGU	IP	14 33 52.8
	IPP	37 31.0
TUC	IP D	14 34 05.8
	ES	44 40.0
ALQ	IP	14 34 15.5
	I	34 35.5
	EPP	38 10.2
BMP	EP'	14 40 13.9
FEB 10		
BMO	EP	14 22 12.6
FEB 10		
BMO	EP	14 23 32.5
FEB 10		
HHM	IP	14 40 43.3
	IL	40 58.1
BMO	E(P)	14 41 40.3
	E(S)	42 34.7
FEB 10		
BMP	EP	14 42 00.0
FEB 10		
COL	EP	14 51 28.0
BMO	E(P)	14 53 22.3
EUR	IP	14 53 37.5
FEB 10		
H-14 57 59.7		
39.2N 071.5E		
h ABOUT 93KM		
COL	EP	15 09 19.0
FEB 10		
H-14 58 04.4		
19.4S 173.1W		
h ABOUT 12KM		
TUC	E(P)	15 10 08.2
EUR	IP	15 10 11.6
BMO	E(P)	15 10 24.1
ALQ	EP	15 10 33.0
	E	10 48.0
BOZ	EP	15 10 43.5
COL	EP	15 10 45.0
FEB 10		
COL	EP	15 00 22.0
FEB 10		
ALQ	IP	15 10 12.5
FEB 10		
BMO	EP	15 16 43.8
FEB 10		
BMO	EP	15 19 15.5
FEB 10		
BCN	EP	15 41 33.5
FEB 10		
H-15 51 23.6		
05.3S 150.6E		
h ABOUT 154KM		
COL	EP	16 03 32.0
FEB 10		
BMO	E(P)	15 55 36.9

Date and Station	Phase (GCT) h m s
FEB 10	
BMO EP	16 29 22.4
FEB 10	
BMO EP	16 48 00.3
FEB 10	
BMO IP	16 48 44.4
E(S)	48 50.9
HHM E(P)	16 49 31.2
EL	50 50.2
FEB 10	
ALQ IP	17 27 03.0
FEB 10	
BOZ EP	18 11 22.0
FEB 10	
ALQ IP	18 25 12.5
FEB 10	
EUR IP	19 00 14.7
FEB 10	
BMO EP	19 09 05.6
FEB 10	
BMO EP	19 17 49.4
FEB 10	
COL IP	19 29 14.9
FEB 10	
BMO EP	20 01 05.2
FEB 10	
EUR IP	20 05 17.3
FEB 10	
BMO EP	20 09 22.6
E(S)	10 15.8
FEB 10	
H-20 13 35.5	
47.2N 150.8E	
h ABOUT 180KM	
BRW IP D	20 20 06.3
I	20 44.8
ISCP	26 07.3
COL IP	20 20 27.8
I▸P	21 02.0
KIP IP	20 22 01.0
HHM EP	20 23 23.2
BMO EP	20 23 26.2
BOZ IP	20 23 44.0
I▸P	24 23.0
EUR IP C	20 23 53.5
I▸P	24 32.2
CED EP	20 24 10.6
BCN IP C	20 24 13.3
I	24 20.0
I▸P	24 52.5
E	25 05.5

Date and Station	Phase (GCT) h m s
TUC EP	20 24 42.8
ALQ IP	20 24 47.2
I▸P	25 26.6
FEB 10	
BMO E(P)	20 16 44.8
COL EP	20 17 02.0
FEB 10	
SLD EP	20 33 33.5
FEB 10	
ALQ IP	21 07 04.5
FEB 10	
BMO E(P)	21 20 26.2
E(S)	20 50.7
FEB 10	
HHM E(P)	21 31 29.2
EL	32 03.7
BMO EP	21 31 59.2
FEB 10	
BMO EP	21 52 48.6
FEB 10	
BMO E(P)	22 19 29.8
FEB 10	
ALQ IP	22 31 02.8
FEB 10	
FGU EP	22 37 35.5
FEB 10	
BMO EP	22 41 44.3
E(S)	42 17.1
FEB 10	
COL EP	22 48 22.0
E	49 44.4
BMO EP	22 51 24.2
FEB 10	
ALQ IP	23 16 11.6
FEB 10	
H-23 31 26.5	
14.5N 092.8W	
h ABOUT 33KM	
ALQ IP	23 36 38.0
TUC E(P)	23 36 42.5
BCN EP	23 37 26.5
EUR IP	23 37 54.2
BOZ EP	23 38 17.8
BMO E(P)	23 38 31.8
HHM EP	23 38 43.7
FEB 10	
BMO E(P)	23 44 32.6
BOZ EP	23 44 55.0

Date and Station	Phase (GCT) h m s
FEB 11	
BRW E(P)	00 05 16.9
FEB 11	
EUR EP	01 21 29.0
FEB 11	
CSC E(P)	01 31 01.0
FEB 11	
BMO EP	02 28 32.8
FEB 11	
BMO EP	03 41 45.3
FEB 11	
BMO EP	03 53 15.4
EUR IP	03 53 18.8
FEB 11	
COL EP	03 54 06.2
FEB 11	
COL EP	04 07 58.0
FEB 11	
H-04 46 23.3	
10.8N 143.9E	
h ABOUT 29KM	
GUA EP	04 47 09.0
IS	47 40.0
COL EP	04 57 40.0
BRW E(P)	04 57 41.9
BMO EP	04 59 16.1
EUR EP	04 59 27.0
FEB 11	
ALQ IP	05 20 59.5
I	21 26.5
FEB 11	
ALQ IP	06 20 59.5
I	21 26.5
FEB 11	
H-06 22 17.7	
36.9N 106.9W	
h ABOUT 7KM	
ALQ IP	06 22 51.6
FEB 11	
H-06 36 12.4	
19.1N 064.4W	
h ABOUT 14KM	
SJG IP C	06 36 45.1
ES	37 10.0
BMO E(P)	06 45 12.3
FEB 11	
H-06 49 35.6	
39.2N 021.4E	
h ABOUT 16KM	
COL EP	07 01 23.0

Date and Station	Phase (GCT) h m s
BMO E(P)	07 02 28.9
FEB 11	
BMO EP	07 22 16.9
FEB 11	
EUR IP	07 28 01.7
FEB 11	
BMO EP	07 48 45.2
E	48 46.7
E(S)	49 11.5
FEB 11	
BRW EP	07 54 29.9
FEB 11	
COL EP	07 55 35.0
FEB 11	
CED IP	08 07 58.3
IS	08 14.3
EUR EP	08 09 19.3
FEB 11	
COL EP	09 34 32.0
EUR IP	09 35 21.1
BMO E(P)	09 35 21.9
FEB 11	
BMO EP	11 06 56.8
FEB 11	
H-12 08 43.9	
37.0N 107.0W	
h ABOUT 5KM	
ALQ IP	12 09 21.4
I	09 48.6
FEB 11	
COL EP	12 54 02.0
FEB 11	
H-13 10 25.4	
02.5S 139.7E	
h ABOUT 56KM	
BRW IP D	13 22 51.9
COL EP	13 22 55.0
FEB 11	
UKI EP	13 46 20.2
FEB 11	
H-14 31 25.1	
04.3N 125.8E	
h ABOUT 72KM	
BRW EP C	14 43 39.1
COL EP	14 43 51.0
FEB 11	
EUR IP	15 10 49.0
FEB 11	
BMO EP	15 16 43.8

Date and Station	Phase (GCT)
	h m s
FEB 11	
BRW I(P)	15 43 06.5
FEB 11	
COL EP	16 42 44.0
BMO EP	16 48 00.3
FEB 11	
COL EP	16 42 44.0
FEB 11	
BMO E(P)	17 45 35.7
FEB 11	
EUR EP	18 16 31.0
FEB 11	
EUR IP	18 38 24.5
FEB 11	
SLD IP D	18 56 49.5
IS	57 55.5
FEB 11	
BMO EP	19 17 49.4
FEB 11	
ALQ IP	19 31 57.0
FEB 11	
BMO E(P)	19 35 09.4
HHM E(P)	19 35 33.3
EL	36 25.3
FEB 11	
BMO E(P)	19 42 21.0
EUR EP	19 42 47.1
FEB 11	
EUR IP	19 51 17.0
FEB 11	
ALQ IP	20 12 35.4
I	13 12.2
FEB 11	
ALQ IP	20 23 23.6
I	23 58.4
FEB 11	
H-20 36 26.0	
42.1N 111.4W	
h ABOUT 33KM	
SLC IP	20 36 50.7
IL	37 10.2
FGU IP	20 36 56.1
IL	37 24.8
BOZ E(P)	20 37 20.0
EUR IP D	20 37 31.6
I(S)	38 36.1
BMO E(P)	20 37 42.1
HHM E(P)	20 38 00.8
FEB 11	
ALQ EP	20 37 53.4

Date and Station	Phase (GCT)
	h m s
FEB 11	
ALQ EP	21 27 17.5
FEB 11	
COL EP	21 30 07.5
FEB 11	
H-22 02 59.6	
22.3S 066.5W	
h ABOUT 171KM	
ALQ IP	22 13 44.4
BMO E(P)	22 14 59.3
FEB 11	
BMO E(P)	22 04 40.6
E(S)	05 14.4
FEB 11	
H-22 38 37.4	
18.1N 101.1W	
h ABOUT 143KM	
EUR E(P)	22 43 49.2
BMO E(P)	22 44 32.9
FEB 11	
BMO EP	23 22 14.5
FEB 11	
H-23 53 36.5	
12.7N 141.9E	
h ABOUT 54KM	
COL IP	24 04 45.8
BMO EP	24 06 25.7
EUR E(P)	24 06 37.5
FEB 11	
GUA E(P)	23 55 03.5
FEB 12	
COL EP	00 09 19.7
I	09 39.2
FEB 12	
EUR EP	00 15 52.0
FEB 12	
BMO EP	00 39 51.9
FEB 12	
H-01 17 13.6	
51.6N 172.7W	
h ABOUT 33KM	
COL E(P)	01 21 29.0
BMO E(P)	01 24 19.7
EUR EP	01 24 52.2
I	25 05.6
FEB 12	
KIP IP	02 24 26.9
FEB 12	
H-02 55 15.5	
31.0S 177.5W	
h ABOUT 33KM	

Date and Station	Phase (GCT)
	h m s
EUR E(P)	03 08 15.2
FEB 12	
ALQ EP	04 36 20.5
FEB 12	
COL EP	04 50 09.5
FEB 12	
BMO E(P)	05 12 10.4
FEB 12	
BMO EP	05 17 59.5
HHM EP	05 18 29.9
E	19 15.4
FEB 12	
BMO EP	05 37 05.1
FEB 12	
TUC E(P)	05 48 57.0
EL	49 43.0
BCN E(P)	05 49 39.0
EL	49 49.5
ALQ IP	05 50 03.8
I	50 34.0
EUR E(P)	05 50 09.5
BMO E(P)	05 51 06.1
FEB 12	
BMO EP	06 15 02.2
FEB 12	
H-06 17 34.4	
35.0N 140.8E	
h ABOUT 33KM	
COL EP	06 26 36.0
BMO EP	06 29 06.3
EUR IP	06 29 29.0
FEB 12	
EUR E(P)	06 19 58.5
FEB 12	
BMO EP	06 43 46.3
FEB 12	
BMO E(P)	07 34 22.2
FEB 12	
BMO EP	07 59 46.3
FEB 12	
H-08 04 55.4	
39.2N 071.6E	
h ABOUT 42KM	
COL EP	08 16 13.0
FEB 12	
FGU E(P)	08 24 24.8
EL	24 53.5
BMO E(P)	08 25 23.2

Date and Station	Phase (GCT)
	h m s
FEB 12	
H-08 36 36.5	
16.1N 091.7W	
h ABOUT 167KM	
ALQ IP	08 41 27.6
TUC E(P)	08 41 34.0
EUR EP	08 42 44.5
FEB 12	
H-08 47 33.7	
19.2S 178.5W	
h ABOUT 642KM	
EUR E(P)	08 58 52.5
BMO EP	08 59 02.4
COL E(P)	08 59 14.0
FEB 12	
H-09 24 26.9	
51.1N 178.7E	
h ABOUT 33KM	
COL EP	09 29 21.0
BMO EP	09 32 16.9
EUR IP	09 32 49.0
FEB 12	
BMO EP	09 41 28.2
FEB 12	
ALQ IP	09 41 46.0
I	42 12.2
FEB 12	
H-09 52 38.5	
42.3N 111.2W	
h ABOUT 33KM	
SLC IP	09 53 06.9
IS	53 33.2
FGU IP	09 53 09.7
IL	53 37.2
EUR IP	09 53 46.5
BMO E(P)	09 53 54.9
FEB 12	
COL IP	11 19 31.6
EUR IP	11 23 20.7
FEB 12	
H-11 39 27.1	
18.3S 174.8W	
h ABOUT 203KM	
BCN EP	11 51 08.0
EPCP	51 17.0
E>P	51 56.2
TUC EP	11 51 12.0
EPCP	51 21.8
EUR IP	11 51 12.8

Date and Station	Phase (GCT)
	h m s
GCA EP	11 51 22.2
E▸P	52 11.5
BMO EP	11 51 23.9
ALQ IP	11 51 35.5
I▸P	52 22.0
FGU EP	11 51 38.5
E▸P	52 28.8
COL IP C	11 51 42.0
I	51 50.1
I▸P	52 32.7
I▸P	52 56.6
BOZ EP	11 51 43.0
E▸P	52 33.9
HHM EP	11 51 44.1
FEB 12	
GUA EP	12 03 09.0
FEB 12	
H-12 41 53.4	
h ABOUT 586KM	
20.9S 178.7W	
BMO EP	12 53 34.1
COL IP	12 53 44.7
FEB 12	
FGU E(P)	13 11 02.0
I	11 04.6
EUR E(P)	13 11 53.0
BMO EP	13 12 10.9
COL EP	13 13 40.2
FEB 12	
H-13 36 18.3	
38.9N 021.6E	
h ABOUT 17KM	
BMO E(P)	13 49 12.9
FEB 12	
COL EP	13 46 18.0
FEB 12	
COL EP	14 31 10.3
FEB 12	
BMO IP	15 01 31.7
FEB 12	
COL EP	15 13 41.7
FEB 12	
H-15 23 08.7	
32.8N 116.5W	
h ABOUT 16KM	
CED IP	15 23 38.1
IS	23 55.5

Date and Station	Phase (GCT)
	h m s
BCN EP	15 24 03.0
I	24 11.9
E(S)	24 52.1
EUR IP	15 24 49.0
FEB 12	
EUR IP	15 35 40.2
FEB 12	
H-16 34 10.5	
36.7N 071.5E	
h ABOUT 175KM	
COL EP	16 45 29.0
FEB 12	
BMO E(P)	17 22 33.6
E(S)	22 52.4
FEB 12	
EUR IP	18 42 02.7
FEB 12	
BMO EP	19 06 06.1
FEB 12	
EUR IP	19 08 03.4
FEB 12	
BMO E(P)	19 20 24.8
FEB 12	
COL EP	19 30 53.0
FEB 12	
FGU E(P)	19 43 04.3
E(S)	43 30.0
IL	43 33.0
FEB 12	
H-20 15 14.5	
3.8S 152.1E	
h ABOUT 33KM	
COL EP	20 27 28.0
FEB 12	
COL IP	20 42 28.1
FEB 12	
BMO IP	21 06 27.7
IS	06 31.0
FEB 12	
H-23 37 50.2	
03.8S 152.2E	
h ABOUT 10KM	
BRW I(P)	23 50 06.4
COL IP	23 50 07.0
FEB 12	
GUA EP	23 41 54.0
ES	46 08.0
FEB 13	
EUR IP	00 04 33.8
FEB 13	
BMO E(P)	00 32 47.2
E(S)	32 24.7

Date and Station	Phase (GCT)
	h m s
FEB 13	
KIP EP	01 22 19.6
FEB 13	
COL EP	04 12 13.0
FEB 13	
BMO E(P)	04 38 22.7
FEB 13	
H-04 57 57.9	
49.8N 078.1E	
h ABOUT 0KM	
BRW IP C	05 07 17.3
COL IP	05 08 08.5
SIT E(P)	05 09 13.0
HHM IP	05 10 19.1
BUT EP	05 10 30.6
BOZ IP C	05 10 34.2
BMO IP	05 10 34.4
E	28 42.9
WSC IP	05 10 54.0
SLC IP C	05 10 58.2
FGU IP C	05 10 58.5
UKI E(P)	05 10 59.3
EUR IP C	05 11 02.7
EPP	14 36.0
EPKKP	28 30.5
SLD IP C	05 11 10.3
GCA IP C	05 11 15.9
BCN IP C	05 11 20.0
CED IP C	05 11 25.0
ALQ IP	05 11 27.4
TUC EP	05 11 37.6
E	11 52.5
FEB 13	
BMO EP	05 36 40.6
COL EP	05 37 20.0
FEB 13	
KIP EP	05 57 03.0
FEB 13	
H-06 01 27.5	
37.0N 106.9W	
h ABOUT 5KM	
ALQ IP	06 02 04.4
I	02 33.5
FEB 13	
SJG I(P)	06 08 53.4
IS	10 02.0

Date and Station	Phase (GCT)
	h m s
FEB 13	
H-06 07 25.0	
14.1N 061.4W	
h ABOUT 199KM	
BHP EP	06 11 29.5
E	11 50.4
ALQ IP	06 15 27.4
I▸P	16 10.5
TUC EP	06 15 49.8
E▸P	16 34.0
FGU EP	06 15 57.0
GCA EP	06 16 03.2
E▸P	16 46.9
SLC EP	06 16 10.3
E▸P	16 54.2
BUT E(P)	06 16 20.6
E	17 10.1
BOZ IP	06 16 21.0
I▸P	17 05.5
I	16 47.0
EUR IP	06 16 31.2
I▸P	17 15.9
EPCP	17 32.8
CED EP	06 16 33.5
HHM IP	06 16 38.1
E	17 19.6
BMO E(P)	06 16 45.7
COL EP	06 18 50.7
E▸P	19 38.2
EPP	22 48.4
FEB 13	
H-06 21 31.0	
37.0N 106.9W	
h ABOUT 5KM	
ALQ IP	06 22 07.4
I	22 32.0
FEB 13	
H-06 32 21.4	
36.9N 106.9W	
h ABOUT 5KM	
ALQ (PN)	06 32 59.0
FEB 13	
H-06 35 59.2	
06.6S 132.6E	
h ABOUT 33KM	
GUA EP	06 41 06.0
ES	45 34.0
KIP EP	06 47 31.4
I	47 46.6
HON IP	06 47 31.5
COL IP	06 49 02.1

Date and Station	Phase (GCT)
	h m s
BMO EP	06 50 22.7
EUR EP'D	06 54 31.6
E	54 58.1
BOZ EP'	06 54 34.7
FGU EP'	06 54 39.7
TUC EP'	06 54 42.1
ALQ IP'	06 54 47.8
BHP IP'	06 55 44.2
E	55 58.5
FEB 13	
BOZ E(P)	06 41 10.0
FEB 13	
GCA EP	07 10 06.0
FEB 13	
BOZ EP	08 02 42.0
FEB 13	
COL EP	08 15 32.0
FEB 13	
TUC E(P)	09 43 27.5
ALQ EP	09 43 49.0
BRW IP	09 51 10.2
FEB 13	
COL IP	09 51 33.3
FEB 13	
BHP EP	09 57 46.5
FEB 13	
H-10 00 45.4	
10.5N 104.2W	
h ABOUT 33KM	
TUC E(P)	10 05 44.9
ALQ IP	10 06 05.5
EUR E(P)	10 07 00.5
BMO E(P)	10 07 44.5
BOZ EP	10 07 45.0
FEB 13	
COL IP	10 09 21.9
FEB 13	
BHP EP	10 11 00.0
FEB 13	
H-10 27 47.8	
2.9S 104.3W	
h ABOUT 33KM	
TUC E(P)	10 34 44.5
ALQ IP	10 35 02.0

Date and Station	Phase (GCT)
	h m s
FEB 13	
H-10 44 41.3	
26.1N 103.2E	
h ABOUT 33KM	
COL EP	10 56 15.2
HHM EP	10 58 20.0
BOZ E(P)	10 58 34.0
EP'	11 02 23.0
EUR IP'	11 03 04.2
ALQ IP'	11 03 17.0
IPKKP	14 03.0
FEB 13	
H-10 48 21.5	
71.9N 000.7W	
h ABOUT 33KM	
BMO E(P)	10 57 52.6
FEB 13	
TUC E(P)	11 13 13.0
FEB 13	
COL EP	13 14 15.0
FEB 13	
H-13 17 00.1	
53.8N 163.3W	
h ABOUT 8KM	
COL E(P)	13 20 07.0
BMO EP	13 23 17.9
EUR EP	13 23 53.8
I	24 01.5
FEB 13	
H-13 47 44.0	
37.6N 073.3E	
h ABOUT 65KM	
COL EP	13 59 08.0
FEB 13	
COL EP	13 48 26.4
I	48 43.6
E(S)	49 29.5
BMO E(P)	13 52 54.9
FEB 13	
H-14 34 47.8	
33.1N 116.4W	
h ABOUT 16KM	
CED IP D	14 35 12.8
I(S)	35 30.1
BCN EP	14 35 42.0
I	35 47.0
IL	36 27.7
TUC E(P)	14 36 00.6
EUR IP C	14 36 23.9
E	36 49.0
ES	38 11.0

Date and Station	Phase (GCT)
	h m s
FEB 13	
EUR IP	14 39 51.2
FEB 13	
H-15 05 52.2	
12.5N 125.7E	
h ABOUT 55KM	
COL EP	15 17 45.5
FEB 13	
BHP EP	15 27 50.7
FEB 13	
SLD IP	16 55 51.9
IS	56 11.0
FEB 13	
BMO EP	17 36 20.5
FEB 13	
H-19 09 44.7	
30.0N 069.7E	
h ABOUT 9KM	
BRW EP	19 21 21.2
COL IP	19 22 01.4
BMO EP'	19 28 03.6
FEB 13	
BMO E(P)	19 11 08.7
COL IP	19 14 08.3
FEB 13	
EUR EP	19 25 54.1
FEB 13	
BMO EP	19 45 50.6
COL IP	19 48 57.5
FEB 13	
H-21 03 14.8	
17.1S 177.3W	
h ABOUT 365KM	
BMO EP	21 14 57.1
COL IP	21 15 08.3
FEB 13	
FGU IP	21 24 55.7
IL	25 31.0
FEB 13	
EUR IP	21 50 25.5
FEB 13	
BUT E(P)	22 08 53.1
IL	08 13.1
FEB 13	
HHM E(P)	22 10 24.5
EL	11 29.5
BMO EP	22 10 44.1
FEB 13	
BMO EP	22 19 00.5

Date and Station	Phase (GCT)
	h m s
FEB 13	
SLC EP	22 34 47.0
ES	35 07.0
FGU IP	22 34 52.9
IS	35 19.9
BMO EP	22 35 50.5
FEB 13	
ALQ IP	22 50 33.6
FEB 13	
EUR IP	23 07 53.2
FEB 13	
RCD E(P)	23 23 00.0
ALQ EP	23 23 21.0
FEB 13	
COL E(P)	23 41 08.2
FEB 14	
EUR IP	00 01 14.6
FEB 14	
BMO EP	00 36 00.2
FEB 14	
TUC E(P)	01 04 11.5
FEB 14	
BMO EP	01 12 53.1
FEB 14	
TUC E(P)	01 54 02.5
FEB 14	
BMO EP	02 02 02.3
ALQ EP	02 02 10.0
HHM EP	02 02 12.5
E	02 18.5
BOZ EP	02 02 15.0
E	02 21.0
FEB 14	
BMO EP	02 43 52.1
FEB 14	
COL EP	02 54 30.0
FEB 14	
BMO EP	03 15 16.2
FEB 14	
COL EP	03 29 46.0
FEB 14	
TUC E(P)	03 55 00.0
FEB 14	
COL EP	04 38 32.9
BMO EP	04 40 10.5
FEB 14	
BMO EP	05 25 34.4

Date and Station	Phase (GCT)
	h m s
FEB 14	
H-05 41 05.9	
29.9N 069.7E	
h ABOUT 16KM	
BRW EP	05 52 41.8
COL IP	05 53 22.5
FEB 14	
COL IP	05 57 36.2
FEB 14	
COL EP	06 06 21.9
FEB 14	
H-06 10 31.3	
.0S 123.0E	
h ABOUT 143KM	
BRW IP C	06 23 02.5
COL IP	06 23 16.1
BMO EP'	06 28 49.7
EUR EP'	06 28 55.9
E	29 47.2
TUC EP'	06 29 09.4
FEB 14	
H-06 12 48.9	
50.6S 139.7E	
h ABOUT 33KM	
EUR EP'	06 31 51.0
FEB 14	
BMO EP	06 24 51.1
FEB 14	
ALQ EP	06 27 46.0
I	29 13.2
FEB 14	
COL EP	06 36 01.0
FEB 14	
BMO EP	07 38 43.1
FEB 14	
COL EP	08 21 25.0
BRW EP	08 21 26.7
FEB 14	
H-08 32 12.5	
22.3S 171.3E	
h ABOUT 101KM	
EUR IP	08 45 09.2
COL EP	08 45 11.0
BMO EP	08 45 15.7
FEB 14	
H-08 49 54.9	
69.9N 145.9W	
h ABOUT 33KM	
BRW IP	08 50 54.6
IL	51 54.1

Date and Station	Phase (GCT)
	h m s
COL EP	08 51 08.1
I(S)	52 01.7
BMO E(P)	08 55 54.4
EUR E(P)	08 56 41.0
FEB 14	
BMO E(P)	10 32 25.0
FEB 14	
BMO EP	10 35 53.1
FEB 14	
BMO EP	10 55 03.0
EUR IP	10 55 18.0
FEB 14	
H-10 57 47.2	
33.2N 116.0W	
h ABOUT 16KM	
CED IP D	10 58 15.3
IS	58 34.5
BCN E(P)	10 58 43.0
IL	59 21.3
TUC E(P)	10 59 00.5
EUR E(P)	10 59 18.0
E	54 42.5
FEB 14	
EUR IP	11 01 04.6
FEB 14	
H-11 05 23.8	
11.6N 072.0W	
h ABOUT 33KM	
SJG IP	11 07 29.5
IS	08 59.5
FEB 14	
FGU E(P)	11 32 55.2
EL	33 21.1
FEB 14	
EUR EP	11 36 21.5
FEB 14	
RCD E(P)	12 10 38.0
FEB 14	
BRW EP	12 35 09.9
FEB 14	
COL IP	12 40 39.0
I	41 07.5
FEB 14	
COL E(P)	13 08 54.9
FEB 14	
BMO EP	13 28 51.4
COL EP	13 30 41.0
FEB 14	
COL E(P)	13 57 13.5

Date and Station	Phase (GCT)
	h m s
FEB 14	
COL E(P)	14 39 06.0
FEB 14	
EUR IP	15 06 03.5
FEB 14	
BMO EP	15 10 45.2
FEB 14	
BMO EP	15 35 04.9
ES	35 20.9
FEB 14	
BHP IP	15 42 22.0
IS	43 16.0
FEB 14	
BMO EP	15 42 19.1
ES	42 37.5
FEB 14	
BMO EP	15 46 14.1
ES	46 28.8
FEB 14	
H-15 50 15.1	
50.3N 178.0E	
h ABOUT 33KM	
COL E(P)	15 55 18.0
BMO EP	15 58 14.0
EUR E(P)	15 58 41.3
FEB 14	
H-16 34 43.9	
13.2S 075.4W	
h ABOUT 104KM	
ALQ EP	16 44 15.8
TUC E(P)	16 44 18.0
FGU EP	16 44 57.5
EUR IP	16 45 13.0
BOZ EP	16 45 28.2
E*P	45 53.2
BMO EP	16 45 41.2
COL IP	16 47 54.0
FEB 14	
ALQ (PN)	16 53 11.0
FEB 14	
H-17 06 29.6	
31.9S 070.4W	
h ABOUT 93KM	
SJG EP	17 15 14.0
ALQ IP	17 18 01.4
FGU EP	17 18 36.0
EUR IP	17 18 45.0

Date and Station	Phase (GCT)
	h m s
BOZ E(P)	17 19 00.0
BMO EP	17 19 08.4
FEB 14	
BMO EP	17 09 40.4
ES	09 57.0
FEB 14	
COL IP	17 40 40.3
FEB 14	
ALQ IP	17 51 12.8
FEB 14	
BUT E(P)	17 52 41.6
I	53 35.1
FEB 14	
HHM E(P)	17 54 42.5
E	55 09.5
FEB 14	
H-17 57 49.2	
34.9N 027.1E	
h ABOUT 38KM	
COL EP	18 09 58.0
HHM IP	18 10 47.5
BOZ EP	18 10 55.0
BMO EP	18 11 06.0
FEB 14	
FGU IP	18 07 42.9
IS	08 04.0
FEB 14	
COL EP	18 16 59.0
FEB 14	
BMO EP	18 25 55.1
FEB 14	
FGU IP	18 28 30.4
IS	28 54.2
FEB 14	
BMO EP	19 20 23.8
FEB 14	
H-19 28 43.1	
37.0N 106.9W	
h ABOUT 5KM	
ALQ E(P)	19 29 19.0
EUR E(P)	19 30 38.0
FEB 14	
ALQ IP	19 54 51.6
FEB 14	
H-20 17 00.5	
39.0N 021.9E	
h ABOUT 73KM	
COL E(P)	20 28 44.0
BMO E(P)	20 29 47.0

Date and Station	Phase (GCT)
	h m s
FEB 14	
H-20 59 06.5	
37.6N 119.0W	
h ABOUT 33KM	
SLD IP	20 59 37.0
IS	21 00 04.5
EUR EP	20 59 53.2
IL	21 00 33.6
FEB 14	
BMO EP	21 30 48.2
FEB 14	
COL EP	21 37 04.7
FEB 14	
EUR IP	21 47 44.2
FEB 14	
FGU IP	21 54 39.2
IS	54 40.5
FEB 14	
FGU IP	22 10 34.9
ES	10 54.5
FEB 14	
ALQ IP	22 15 26.5
I	16 09.2
FEB 14	
COL IP	22 20 42.0
FEB 14	
GUA IP	22 23 57.0
ES	24 10.4
FEB 14	
BMO EP	22 21 03.7
FEB 14	
BMO EP	23 29 51.6
E(S)	30 17.6
FEB 14	
BMO EP	23 31 29.1
E(S)	31 54.0
FEB 14	
BMO IP	23 32 37.8
IS	32 41.9
FEB 14	
BMO IP	23 32 45.7
FEB 15	
H-00 16 53.7	
14.5N 091.5W	
h ABOUT 71KM	
ALQ IP	00 22 07.5
TUC E(P)	00 22 10.5
FGU EP	00 23 03.4
SLC EP	00 23 12.4
EUR IP	00 23 23.0
BMO E(P)	00 24 00.6

Date and Station	Phase (GCT)
	h m s
COL IP	00 27 14.6
FEB 15	
BMO EP	00 29 09.4
FEB 15	
CED IP	00 35 53.9
BCN E(P)	00 36 31.5
I	36 39.3
IL	37 16.5
FEB 15	
EUR IP	00 38 38.2
FEB 15	
BMO EP	00 40 26.5
FEB 15	
BMO EP	01 03 38.4
E(S)	04 10.8
FEB 15	
BMO EP	01 10 11.3
E(S)	10 43.1
FEB 15	
BMO E(P)	01 27 07.4
FEB 15	
H-01 28 16.3	
27.7N 129.0E	
h ABOUT 33KM	
COL EP	01 38 37.0
HHM EP	01 40 53.5
BMO EP	01 40 53.9
EUR IP	01 41 14.2
FGU EP	01 41 28.0
FEB 15	
H-01 35 48.5	
09.4N 126.1E	
h ABOUT 84KM	
BRW EP	01 47 34.2
COL EP	01 47 48.0
FEB 15	
COL EP	02 08 34.0
FEB 15	
EUR IP	02 15 25.2
FEB 15	
EUR EP	02 15 25.2
I(L)	16 15.0
FEB 15	
H-02 51 53.3	
51.9N 177.7E	
h ABOUT 48KM	
EUR IP	03 00 17.0
FEB 15	
BMO E(P)	05 21 27.7
E(S)	22 00.0

Date and Station	Phase (GCT)
	h m s
FEB 15	
COL EP	05 53 08.0
FEB 15	
BMO E(P)	06 26 18.9
FEB 15	
BMO EPN	07 35 10.4
FEB 15	
COL EP	08 02 59.0
FEB 15	
EUR IP	08 32 47.0
IL	33 10.6
FEB 15	
H-08 47 47.2	
07.7N 126.5E	
h ABOUT 103KM	
BRW IP C	08 59 39.5
COL EP	08 59 53.0
FEB 15	
ALQ IP	09 14 43.0
EUR E(P)	09 15 19.1
FEB 15	
BMO E(P)	09 20 29.6
FEB 15	
H-09 56 29.8	
23.0S 176.2W	
h ABOUT 33KM	
BCN E(P)	10 08 51.1
TUC E(P)	10 08 55.2
EUR IP C	10 08 57.2
I	09 16.3
GCA EP	10 09 05.3
BMO E(P)	10 09 09.3
ALQ IP	10 09 16.8
I	09 25.5
FGU EP	10 09 22.0
I	09 31.2
HHM E(P)	10 09 25.6
COL EP	10 09 27.0
BOZ EP	10 09 27.0
COL EP	10 09 27.3
I	09 36.5
BRW EP	10 10 58.5
FEB 15	
COL IP	10 54 31.2

Date and Station	Phase (GCT)
	h m s
FEB 15	
BMO EP	11 58 22.0
FEB 15	
H-12 05 46.5	
17.9S 178.6W	
h ABOUT 557KM	
TUC E(P)	12 17 09.8
COL IP	12 17 26.5
FEB 15	
FGU EP	12 06 00.1
I	08 07.3
ALQ IP	12 07 36.5
FEB 15	
BMO E(P)	12 55 34.2
E(S)	56 06.0
FEB 15	
H-14 54 42.9	
14.5N 091.1W	
h ABOUT 137KM	
ALQ IP	14 59 53.6
EUR IP	15 01 07.4
BMO EP	15 01 46.3
FEB 15	
BRW E(P)	14 58 11.2
FEB 15	
COL EP	15 54 51.0
FEB 15	
BMO EP	16 34 08.8
E(S)	34 40.5
FEB 15	
COL EP	16 49 18.0
FEB 15	
BMO EP	17 28 30.0
ES	28 48.2
EUR IP	17 29 51.0
FEB 15	
CED EP	18 01 33.1
IL	01 51.1
FEB 15	
EUR IP	18 21 27.5
FEB 15	
EUR EP	18 29 17.5
FEB 15	
FGU IP	19 08 45.4
IS	09 06.5
FEB 15	
EUR EP	19 15 30.3
FEB 15	
EUR EP	19 41 57.8
FEB 15	
ALQ EP	19 45 43.6

Date and Station	Phase (GCT) h m s
FEB 15	
BMO EP	19 59 34.8
FEB 15	
ALQ IP	20 17 39.6
I	18 19.8
BMO EP	20 19 42.4
FEB 15	
EUR IP	21 04 19.2
FEB 15	
BMO EP	21 19 15.4
FEB 15	
ALQ IP	21 53 30.0
FEB 15	
COL EP	22 14 16.1
IL	14 47.7
BRW E(P)	22 14 56.8
ES	15 39.5
FEB 15	
H-22 14 45.1	
26.5S 178.2E	
h ABOUT 617KM	
EUR IP	22 26 41.0
BMO EP	22 26 50.8
COL EP	22 27 02.0
FEB 15	
COL EP	22 29 13.0
FEB 15	
H-22 34 07.2	
26.4S 178.3E	
h ABOUT 617KM	
GUA IP	22 42 17.0
TUC E(P)	22 46 02.0
E▸P	48 17.0
EUR IP C	22 46 03.8
E▸P	48 18.0
BMO E(P)	22 46 13.4
E▸P	48 29.0
COL E(P)	22 46 24.5
E▸P	48 34.0
BRW E▸P	48 56.0
FEB 15	
COL IP	22 42 04.8
FEB 15	
BMO EP	22 45 00.4
ALQ IP	22 45 42.5
E	48 37.0
FEB 15	
EUR IP	22 59 34.8
FEB 15	
BMO E(P)	23 03 25.7

Date and Station	Phase (GCT) h m s
FEB 15	
EUR IP	23 22 21.0
BMO E(P)	23 23 30.2
FEB 15	
H-23 37 57.0	
16.3S 168.1E	
h ABOUT 205KM	
EUR IP	23 50 33.9
BMO EP	23 50 38.3
FEB 15	
BUT E(P)	23 49 35.5
FEB 16	
EUR IP	00 02 09.8
FEB 16	
H-00 24 21.4	
13.4N 125.2E	
h ABOUT 14KM	
BRW EP	00 35 57.0
E	36 23.0
EUR E(P)	00 38 04.7
FEB 16	
COL EP	00 31 14.0
FEB 16	
BMO E(P)	00 38 57.4
E(S)	39 25.2
FEB 16	
BMO EP	00 46 00.7
FEB 16	
BMO EP	01 11 45.1
EUR IP	01 12 29.1
FEB 16	
H-01 56 09.6	
51.3N 176.9E	
h ABOUT 33KM	
COL IP	02 01 09.2
EUR IP	02 04 39.8
FEB 16	
BMO EP	02 32 52.4
E(S)	33 18.4
FEB 16	
BMO EP	02 40 20.6
E(S)	40 38.4
FEB 16	
BRW EP	03 00 17.5
FEB 16	
BMO IP	03 00 44.2
FEB 16	
H-03 18 27.7	
17.7S 168.0E	
h ABOUT 34KM	

Date and Station	Phase (GCT) h m s
GUA IP	03 25 48.0
ES	31 41.0
KIP EP	03 27 30.7
ES	34 46.4
HON I(P)	03 27 35.6
IS	34 46.0
UKI E(P)	03 31 04.3
SLD IP	03 31 06.5
CED EP	03 31 14.5
COL IP D	03 31 18.2
I	33 12.2
EPP	35 08.3
E(S)	41 45.5
EP'P'	57 12.5
BCN IP C	03 31 26.9
EUR IP C	03 31 29.0
IPP	35 26.7
ES	42 00.5
EPKKP	49 10.0
I	53 33.0
EP'P'	57 04.0
BMO EP	03 31 33.6
TUC EP	03 31 35.6
ES	42 10.0
EP'P'	57 05.5
BRW EP D	03 31 35.8
EPP	35 07.8
E	36 40.2
E(S)	42 10.9
E	4 51.5
EP'P'	57 22.2
GCA EP	03 31 39.9
SLC EP	03 31 44.7
HHM E(P)	03 31 49.7
EPKKP	48 41.7
EP'P'	56 58.7
BUT E(P)	03 31 50.2
FGU EP	03 31 53.0
BOZ EP	03 31 53.5
EP'P'	56 51.0
ALQ IP	03 31 54.2
SJG IP'C	03 37 31.5
EPP	39 32.0
ESS	57 00.0
EL	04 13 05.0
RCD E	03 48 18.0
FEB 16	
BMO E(P)	03 19 19.0
FEB 16	
EUR E(P)	03 40 28.5

Date and Station	Phase (GCT) h m s
FEB 16	
BHP IP	03 47 42.0
FEB 16	
COL E(P)	04 12 13.0
E	12 38.5
FEB 16	
SLD IP	04 53 51.5
IS	53 57.7
FEB 16	
SLD IP	04 53 51.5
IS	53 57.7
FEB 16	
H-05 21 18.4	
17.7S 167.8E	
h ABOUT 10KM	
EUR EP	05 34 25.7
FEB 16	
CED IP	05 37 26.0
IS	37 37.6
EUR E(P)	05 38 43.5
FEB 16	
CED IP	05 40 34.7
IS	40 45.4
FEB 16	
H-06 04 28.8	
07.0S 129.3E	
h ABOUT 174KM	
BRW EP	06 17 15.0
FEB 16	
BMO IP	06 15 14.5
IS	15 18.6
FEB 16	
BRW EP	06 27 25.3
FEB 16	
EUR E(P)	06 42 10.0
FEB 16	
H-07 40 01.4	
18.7S 169.7E	
h ABOUT 284KM	
COL EP	07 52 24.0
BMO EP	07 52 36.5
TUC EP	07 52 37.0
BRW EP	07 52 42.0
FEB 16	
COL EP	08 29 16.9
I	30 56.6
BRW EP	08 30 21.0
BMO EP	08 30 45.9
TUC E(P)	08 35 34.5

Date and Station	Phase	(GCT) h m s
FEB 16		
BMO	E(P)	08 50 10.8
	ES	50 28.6
FEB 16		
EUR	IP	09 10 02.7
FEB 16		
H-09 10 32.5		
53.3N 173.8E		
h ABOUT 33KM		
BRW	E(P)	09 15 27.7
COL	EP	09 15 30.0
EUR	IP	09 19 13.8
FEB 16		
H-09 44 21.6		
29.9N 069.7E		
h ABOUT 34KM		
BRW	E(P)	09 55 55.0
COL	EP	09 56 34.0
FEB 16		
COL	EP	10 20 17.0
BMO	E(P)	10 23 20.8
FEB 16		
COL	EP	10 30 57.5
FEB 16		
BMO	E(P)	10 36 53.9
FEB 16		
RCD	EP	10 57 42.0
FEB 16		
BRW	IP	11 12 33.0
	E	12 43.1
HHM	EP	11 13 00.3
FGU	EP	11 13 07.5
ALQ	IP	11 13 14.6
BMO	EP	11 13 18.2
EUR	EP	11 13 31.1
	E	13 38.3
TUC	E(P)	11 13 34.6
FEB 16		
TUC	E(P)	11 22 10.7
FEB 16		
BMO	EP	11 26 46.7
FEB 16		
BMO	EP	11 28 42.5
	E	28 43.4
	E(S)	29 00.5
FEB 16		
BMO	EP	11 41 08.2
	E	41 09.8
	E(S)	41 24.3
FEB 16		
EUR	E(P)	11 41 45.3
FEB 16		
H-11 58 13.4		
52.4N 169.5W		
h ABOUT 39KM		
COL	EP	12 02 06.5
	I	02 18.7
	EPCP	07 04.7
BRW	EP	12 02 43.9
	I	02 48.9
BMO	EP	12 05 01.3
	EPCP	07 35.3
HHM	EP	12 05 03.7
	EPCP	07 35.3
BOZ	EP	12 05 27.5
EUR	EP	12 05 35.0
	I	05 42.6
	EPCP	07 46.5
	E	07 57.8
CED	E(P)	12 05 56.9
BCN	EP	12 05 59.0
RCD	EP	12 06 14.0
	E	06 26.0
TUC	EP	12 06 37.5
	E	06 48.0
ALQ	IP	12 06 44.0
	IPCP	08 15.5
	IPP	08 27.4
FEB 16		
TUC	E(P)	11 59 42.0
FEB 16		
BMO	EP	12 34 32.2
FEB 16		
BMO	EP	12 37 46.4
FEB 16		
SJG	E(P)	13 26 51.5
	IL	27 33.0
FEB 16		
FGU	EP	13 30 55.0
	I	30 57.6
	E(S)	31 14.0
	IL	31 20.5
EUR	EP	13 31 47.1
FEB 16		
COL	EP	15 17 22.0
FEB 16		
ALQ	IP	15 41 36.5
	I	42 02.5
FEB 16		
H-15 55 04.4		
08.8S 067.4E		
h ABOUT 33KM		
EUR	IP'	16 14 52.0
FEB 16		
COL	E(P)	16 00 32.7
FEB 16		
BMO	IP	16 24 49.9
	ES	24 53.2
FEB 16		
EUR	EP	17 55 40.0
FEB 16		
BMO	EPN	18 00 40.5
FEB 16		
FGU	IP	18 06 00.0
	IS	06 24.0
FEB 16		
BMO	E(P)	18 16 55.7
FEB 16		
BMO	EP	18 24 04.8
FEB 16		
BMO	EP	18 34 55.6
FEB 16		
BMO	EPN	18 53 39.2
FEB 16		
FGU	IP	19 10 51.3
	I	11 02.5
	IL	11 09.5
FEB 16		
BMO	EP	19 13 13.2
FEB 16		
COL	EP	20 05 51.0
FEB 16		
BMO	EP	20 13 18.7
FEB 16		
BMO	EP	21 02 53.8
	ES	02 57.2
FEB 16		
ALQ	IP	21 08 25.4
FEB 16		
BMO	EP	21 31 08.2
FEB 16		
ALQ	IP	21 33 33.8
FEB 16		
FGU	IP	21 40 35.5
	IS	40 36.7
FEB 16		
EUR	IP	21 51 47.1
FEB 16		
H-21 52 22.7		
58.1N 152.2W		
h ABOUT 63KM		
COL	EP	21 54 06.0
BMO	EP	21 57 45.0
FEB 16		
BMO	EP	22 08 41.1
	ES	09 09.3
FEB 16		
ALQ	IP	22 09 13.2
FEB 16		
BMO	EPN	22 09 48.7
FEB 16		
BMO	EP	22 18 20.3
FEB 16		
BMO	EP	22 52 03.2
	ES	52 27.9
FEB 16		
BMO	E(P)	22 56 02.5
	E(S)	56 24.2
FEB 16		
BMO	E(P)	23 34 30.9
FEB 16		
H-23 37 13.2		
18.2S 173.7W		
h ABOUT 103KM		
SLD	IP C	23 48 39.7
CED	EP	23 48 43.9
BCN	IP C	23 48 59.8
TUC	EP	23 49 04.7
	E	49 19.5
EUR	IP	23 49 05.4
BMO	EP	23 49 18.0
ALQ	IP	23 49 28.4
HHM	EP	23 49 37.4
BOZ	IP	23 49 37.5
COL	IP	23 49 38.2
FEB 16		
EUR	IP	23 39 58.9
FEB 16		
BMO	EP	23 54 05.3
	ES	54 09.3
FEB 16		
COL	IP	23 57 29.2
FEB 17		
EUR	IP	00 26 15.0
BMO	EP	00 27 05.4
FEB 17		
ALQ	IP	00 27 48.8
	IS	28 15.6

Date and Station	Phase (GCT)
	h m s
FEB 17	
ALQ IP	00 32 33.6
IS	33 00.8
FEB 17	
EUR IP C	00 39 39.4
I	40 00.7
FEB 17	
BMO EP	00 42 32.5
FEB 17	
ALQ IP	00 44 55.8
IS	45 22.8
FEB 17	
H-00 45 49.2	
24.3N 108.9W	
h ABOUT 33KM	
TUC E(P)	00 47 46.7
ALQ E(P)	00 48 27.0
EUR IP	00 49 41.3
BOZ EP	00 50 37.0
BMO EP	00 50 38.4
BUT E(P)	00 50 40.5
HHM EP	00 51 04.4
COL EP	00 54 23.0
FEB 17	
EUR IP	01 02 38.2
IL	03 02.2
FEB 17	
BMO EP	01 03 41.6
FEB 17	
H-01 12 46.9	
17.5S 177.5W	
h ABOUT 434KM	
BMO EP	01 24 25.0
COL IP	01 24 36.0
FEB 17	
H-01 24 14.0	
14.5N 92.8W	
h ABOUT 19KM	
ALQ E(P)	01 29 26.5
FEB 17	
EUR E(P)	01 42 20.8
FEB 17	
H-02 09 40.7	
19.2S 177.2W	
h ABOUT 349KM	
EUR EP	02 21 23.0
TUC EP	02 21 23.3
BMO EP	02 21 33.4
COL IP	02 21 45.7

Date and Station	Phase (GCT)
	h m s
FEB 17	
BMO EP	02 22 59.8
FEB 17	
BCN IP C	02 41 19.1
IS	41 35.8
EUR E(P)	02 41 34.1
I	41 39.2
IL	42 07.0
FEB 17	
ALQ IP	03 19 27.5
IS	19 55.0
FEB 17	
BMO EP	07 09 35.9
FEB 17	
CED IP	07 34 27.1
IS	34 34.1
FEB 17	
H-07 37 38.1	
39.5N 022.9E	
h ABOUT 11KM	
BRW E(P)	07 49 00.3
COL E(P)	07 49 24.0
BMO EP	07 50 37.9
FEB 17	
H-07 42 31.4	
33.0S 178.8W	
h ABOUT 26KM	
EUR EP	07 55 43.1
BMO EP	07 55 55.0
FEB 17	
COL IP	09 38 16.8
I(S)	38 51.5
FEB 17	
CED IP	09 39 17.8
IS	39 35.3
FEB 17	
BRW EP	09 39 47.2
BMO EP	09 42 55.6
FEB 17	
BMO EP	10 16 04.3
FEB 17	
EUR EP	10 37 25.8
FEB 17	
H-10 41 28.3	
38.9N 022.2E	
h ABOUT 62KM	
BMO EP	10 54 16.9
FEB 17	
TUC E(P)	10 51 20.2
FEB 17	
BMO EP	11 33 04.1

Date and Station	Phase (GCT)
	h m s
COL IP	11 33 21.3
FEB 17	
ALQ IP	11 42 10.0
FEB 17	
H-11 47 56.8	
32.2S 078.9E	
h ABOUT 7KM	
GUA EP	11 59 55.5
BRW IP'	12 07 10.3
EPP	09 20.2
ESKP	10 34.6
ESKKP	20 08.9
COL EP'	12 07 11.0
E	10 03.0
E	19 04.5
SJG IP'D	12 07 36.9
SIT EP'	12 07 39.0
BHP IP'	12 07 45.0
BMO EP'	12 07 58.9
HHM EP'	12 07 59.0
I	08 43.0
EPP	12 18.0
UKI EP'	12 08 01.0
BUT EP'	12 08 01.1
EP'	08 54.6
E	11 38.6
SLD EP'	12 08 02.5
IP'	08 51.0
EPP	12 35.5
E	16 45.0
E	20 04.0
BOZ EP'	12 08 02.5
IP'	08 57.0
EPP	12 39.0
EUR EP'	12 08 04.3
IP'	09 04.5
E	10 29.4
IPP	12 50.0
E	16 57.5
E	18 22.1
FGU EP'	12 08 05.0
IP'	09 17.9
EPP	13 08.0
E	17 34.3
RCD EP'	12 08 05.0
EP'	09 13.0
EPP	13 08.0
CED EP'	12 08 05.8
IP'	09 05.7
EPP	12 54.3

Date and Station	Phase (GCT)
	h m s
SLC EP'	12 08 06.2
EP'	09 11.7
EPP	13 01.0
BCN IP'	12 08 07.0
IP'	09 14.4
IPP	13 01.8
E	14 54.0
E	16 52.5
TUC EP'	12 08 08.7
EP'	09 31.5
EPP	13 06.1
ALQ IP	12 08 09.2
I	09 43.0
IPP	13 47.6
FEB 17	
H-12 43 01.1	
32.1S 079.0E	
h ABOUT 33KM	
BRW IP'	13 02 10.0
I	02 18.6
EPP	04 27.6
ESKP	05 36.7
COL EP'	13 02 12.0
SJG IP'	13 02 38.3
SIT EP'	13 02 39.0
BHP EP'	13 02 46.0
HHM EP'	13 02 59.0
IP'	03 42.0
EPP	07 24.5
BUT EP'	13 02 59.6
EP'	03 49.6
BMO EP'	13 02 59.9
SLD EP'	13 03 02.2
EP'	03 49.0
BOZ EP'	13 03 03.0
EP'	03 46.0
CED EP'	13 03 04.0
EP'	04 04.9
EUR IP'	13 03 05.0
IP'	04 03.9
EPP	07 29.5
SLC EP'	13 03 06.0
EP'	04 11.1
FGU EP'	13 03 06.2
EP'	04 16.8
EPP	08 05.2
BCN EP'	13 03 07.3
EP'	04 13.0
TUC EP'	13 03 07.5
FEB 17	
TUC E(P)	12 52 52.5

Date and Station	Phase	(GCT) h m s
FEB 17		
BRW	E(P)	13 44 41.5
SJG	EP	13 45 08.2
HHM	EP	13 46 16.0
BMO	EP	13 46 20.3
EUR	E(P)	13 46 36.0
FEB 17		
BMO	EP	14 23 04.2
FEB 17		
BMO	EP	14 37 18.0
	ES	37 35.9
FEB 17		
H-15 00 16.8		
1.1N 090.7W		
h ABOUT 33KM		
BCN	EP	15 07 59.8
EUR	IP	15 08 29.5
BMO	EP	15 09 04.7
COL	EP	15 12 03.0
BRW	EP	15 12 31.8
FEB 17		
BMO	EP	15 41 58.6
FEB 17		
SJG	EP	15 56 36.5
	IS	57 23.8
	IL	57 43.0
FEB 17		
BMO	EP	16 13 26.0
	ES	13 42.0
FEB 17		
H-16 41 14.5		
51.5N 177.2W		
h ABOUT 49KM		
COL	IP	16 45 48.1
BRW	E(P)	16 46 04.9
BMO	EP	16 48 41.3
FEB 17		
BCN	IP	16 51 00.7
	IS	51 01.8
FEB 17		
COL	IP	17 06 12.3
BRW	EP	17 06 56.8
FEB 17		
COL	EP	17 21 31.0
BRW	EP	17 21 35.9
FEB 17		
BMO	E(P)	17 38 12.4
FEB 17		
EUR	EP	17 53 51.8
FEB 17		
ALQ	IP	18 07 08.5
	I	07 31.5
FEB 17		
H-18 20 32.4		
23.5S 179.9W		
h ABOUT 544KM		
TUC	EP	18 32 19.4
COL	EP	18 32 40.0
FEB 17		
H-18 26 20.0		
30.1N 069.9E		
h ABOUT 41KM		
COL	IP	18 38 32.3
FEB 17		
BMO	IP	18 31 13.2
COL	EP	18 34 43.0
FEB 17		
H-18 51 25.2		
52.1N 171.0E		
h ABOUT 33KM		
BRW	EP	18 56 37.5
COL	IP	18 56 42.4
BMO	E(P)	18 59 50.8
EUR	EP	19 00 20.5
	E	00 31.5
FEB 17		
ALQ	IP	19 08 48.5
FEB 17		
BMO	EP	19 33 09.4
FEB 17		
FGU	EP	19 54 51.5
FEB 17		
BRW	EP	20 18 44.0
COL	EP	20 19 03.0
EUR	EP	20 22 28.8
FEB 17		
H-20 45 46.3		
05.9S 104.5E		
h ABOUT 41KM		
BRW	EP	20 59 21.9
BMO	EP'	21 04 46.0
HHM	EP'	21 04 46.5
	IP'	05 12.5
	I	09 10.4
EUR	I	21 06 05.5
ALQ	ESKP	21 08 43.0
	E	09 45.0
FEB 17		
BMO	E(P)	21 33 27.0
	E(S)	33 55.7
FEB 17		
ALQ	IP	21 37 20.0
FEB 17		
ALQ	E(P)	21 57 35.0
BMO	E(P)	22 00 26.3
FEB 17		
EUR	IP	22 21 02.0
FEB 17		
ALQ	IP	22 30 15.0
FEB 17		
CED	IP	22 58 49.6
	IL	59 12.3
BCN	EP	22 58 58.2
	I	59 02.3
	IL	59 32.3
EUR	IP	22 59 47.3
FEB 17		
EUR	EP	23 07 44.8
FEB 17		
COL	E(P)	23 52 15.0
FEB 17		
EUR	EP	23 51 44.0
TUC	E(P)	23 51 54.0
BMO	EP	23 52 04.0
FEB 18		
ALQ	IP	00 00 44.5
	I	01 11.5
FEB 18		
BMO	E(P)	00 18 24.7
FEB 18		
COL	IP	00 23 36.1
FEB 18		
H-00 27 53.9		
36.5N 140.5E		
h ABOUT 74KM		
BRW	IP C	00 36 20.3
COL	IP	00 36 41.7
HHM	EP	00 39 15.5
BMO	EP	00 39 16.2
BOZ	EP	00 39 33.0
EUR	IP	00 39 39.5
TUC	E(P)	00 40 20.8
ALQ	IP	00 40 26.0
FEB 18		
BMO	EP	01 42 31.6
COL	IP	01 42 42.3
FEB 18		
BMO	EP	02 05 53.7
FEB 18		
BMO	EP	02 13 00.7
FEB 18		
BMO	EP	02 44 08.7
FEB 18		
H-03 45 13.9		
26.2N 103.2E		
h ABOUT 33KM		
BRW	IP C	03 56 15.6
COL	EP	03 56 49.0
ALQ	EP'	04 03 51.0
FEB 18		
BMO	EP	04 16 35.8
FEB 18		
EUR	EP	04 50 30.8
FEB 18		
H-04 58 46.6		
21.3S 178.3W		
h ABOUT 476KM		
TUC	EP	05 10 26.4
EUR	IP	05 10 26.5
BMO	EP	05 10 36.8
ALQ	EP	05 10 47.0
COL	IP	05 10 49.3
BOZ	EP	05 10 55.0
FEB 18		
H-06 59 03.9		
06.7N 123.9E		
h ABOUT 50KM		
GUA	E(P)	07 03 39.0
	ES	08 00.0
BRW	EP	07 11 11.5
	I	11 39.0
	EPP	14 19.5
COL	EP	07 11 26.0
BMO	E(P)	07 12 54.2
BOZ	EP'	07 17 23.0
	E	17 45.0
EUR	IP'	07 17 28.9
ALQ	EP'	07 17 44.2

Date and Station	Phase (GCT) h m s
FEB 18	
ALQ IP	07 32 00.5
I	32 27.0
FEB 18	
ALQ IP	08 43 07.0
I	43 27.5
FEB 18	
ALQ IP	08 56 13.2
I	56 30.0
I	56 34.5
FEB 18	
COL EP	10 06 48.0
FEB 18	
TUC E(P)	10 22 16.5
FEB 18	
BMO EP	10 24 57.1
FEB 18	
BRW EP	11 04 10.4
FEB 18	
BRW E(P)	11 29 48.3
E	29 50.8
FEB 18	
H-11 42 50.6	
29.0S 025.4E	
h ABOUT 33KM	
COL IP'	12 02 22.4
BMO EP'	12 02 30.8
EUR IP'	12 02 31.5
FEB 18	
SLC IP	12 18 16.8
EUR IP	12 18 22.1
BOZ EP	12 18 22.3
BMO EP	12 18 25.5
HHM EP	12 18 30.5
E	18 41.5
BRW IP	12 19 24.1
E	19 33.4
FEB 18	
BMO E(P)	12 22 12.9
FEB 18	
ALQ E(P)	12 33 03.5
FEB 18	
H-12 34 16.1	
52.7S 020.0E	
h ABOUT 33KM	
ALQ EP'	12 53 30.4
I	53 41.6
TUC EP'	12 53 41.3
EUR IP'	12 53 46.1
FGU EP'	12 53 46.5
SLC IP'	12 53 51.6
BOZ EP'	12 53 56.5
BUT EP'	12 53 56.8
E	54 01.3
BMO EP'	12 54 00.0
HHM EP'	12 54 04.1
E	54 09.5
SLD EP'	12 54 04.5
BRW E	12 54 59.9
FEB 18	
BMO EP	13 09 22.8
FEB 18	
BMO IP	13 15 45.9
FEB 18	
SJG IP	14 06 34.0
IS	06 58.2
FEB 18	
H-14 22 56.8	
10.4S 161.5E	
h ABOUT 49KM	
COL EP	14 35 22.0
BRW EP	14 35 31.2
E▸P	35 45.0
EUR IP	14 35 57.7
I▸P	36 09.7
BMO EP	14 35 58.3
FEB 18	
COL IP	14 57 43.1
FEB 18	
BMO EP	15 12 01.0
FEB 18	
BMO E(P)	15 28 37.0
FEB 18	
COL EP	16 00 27.0
BMO EP	16 01 38.8
FEB 18	
FGU EP	17 36 56.5
FEB 18	
FGU IP	17 48 39.7
IS	48 58.5
FEB 18	
ALQ IP	17 56 23.4
I	56 51.0
I	57 16.2
GCA E(P)	17 57 14.8
IL	58 14.8
EUR EP	17 58 19.0
FEB 18	
BCN E(P)	17 59 33.5
FEB 18	
BMO EP	18 15 40.7
FEB 18	
BMO IP	18 40 03.6
ES	40 07.5
FEB 18	
EUR IP	18 56 58.5
FEB 18	
H-19 02 51.4	
44.3N 143.2E	
h ABOUT 222KM	
BRW IP C	19 09 56.9
I	10 45.8
COL IP	19 10 24.0
HHM IP	19 13 13.5
BMO EP	19 13 16.8
BUT IP	19 13 27.5
E	14 25.0
BOZ IP	19 13 33.0
E	14 16.6
EUR IP C	19 13 43.0
I▸P	14 35.5
CED EP	19 13 58.5
E▸P	14 51.3
FGU EP	19 13 58.8
E▸P	14 53.9
I	15 12.4
BCN IP	19 14 01.5
I▸P	14 54.5
RCD IP D	19 14 04.8
GCA EP	19 14 07.3
E▸P	15 00.5
TUC IP	19 14 28.8
E▸P	15 23.7
ALQ IP	19 14 32.5
I▸P	15 24.5
FEB 18	
EUR IP	19 08 42.2
FEB 18	
EUR EP	19 44 18.2
I	44 28.5
E(S)	45 25.5
FEB 18	
BMO IP	20 03 16.9
ES	03 20.2
FEB 18	
BMO E(P)	20 18 09.6
FEB 18	
COL IP	20 20 01.6
FEB 18	
BRW E(P)	21 04 55.2
E	05 38.1
FEB 18	
EUR IP	21 29 03.9
FEB 18	
SJG IP C	21 39 37.2
IS	39 52.2
FEB 18	
COL EP	21 48 16.0
FEB 18	
EUR IP	21 51 47.8
FEB 18	
BMO EP	22 24 15.3
FEB 18	
ALQ IP	22 28 45.8
I	29 26.2
FEB 18	
EUR IP	22 36 42.3
FEB 18	
EUR IP C	23 24 48.4
I	25 08.4
FEB 19	
EUR E(P)	00 01 30.9
FEB 19	
BRW EP	00 10 40.0
BMO EP	00 13 52.9
FEB 19	
COL EP	00 14 42.0
FEB 19	
TUC EP	00 46 12.5
EUR E(P)	00 47 09.7
BMO EP	00 47 37.7
FEB 19	
GUA EP	01 02 58.1
ES	03 30.0
FEB 19	
EUR EP	01 04 33.5
FEB 19	
BMO IP	01 07 20.4
ES	07 28.1
FEB 19	
BMO EP	01 14 46.5
FEB 19	
H-01 15 35.2	
08.7S 123.6E	
h ABOUT 37KM	
BMO EP'	01 34 17.0
EUR EP'	01 34 21.5
FEB 19	
BRW EP	01 31 46.5

Date and Station	Phase (GCT) h m s
COL EP	01 32 08.0
BMO EP	01 35 09.1
FEB 19	
H-02 00 44.3	
15.4N 094.1W	
h ABOUT 59KM	
ALQ IP	02 05 40.0
TUC IP	02 05 42.2
GCA EP	02 06 19.5
BCN IP	02 06 29.0
FGU EP C	02 06 38.0
SLC EP	02 06 47.3
EUR IP	02 06 56.0
BOZ EP	02 07 21.5
BMO EP	02 07 34.9
COL IP	02 10 54.3
BRW EP	02 11 31.5
FEB 19	
BRW IP	02 02 59.3
I	03 15.2
I(S)	03 54.3
IL	04 02.4
COL EP	02 03 12.0
TUC E(P)	02 09 22.7
E	11 30.4
FEB 19	
BMO EP	02 10 04.8
FEB 19	
CED E(P)	02 42 29.6
IS	42 46.0
BCN E(P)	02 42 50.5
I	42 57.0
EL	43 34.5
FEB 19	
COL EP	02 47 07.0
FEB 19	
H-02 48 12.5	
21.5S 068.3W	
h ABOUT 95KM	
ALQ EP	02 58 56.0
EUR IP	02 59 47.4
BMO EP	03 00 11.7
FEB 19	
BRW IP	03 21 13.4
E	21 22.8
COL EP	03 21 32.0
BMO EP	03 24 30.6

Date and Station	Phase (GCT) h m s
EUR EP	03 24 58.4
FEB 19	
BMO E(P)	03 28 34.7
FEB 19	
BMO E(P)	03 31 56.9
FEB 19	
COL E(P)	03 50 09.3
FEB 19	
H-04 43 08.9	
09.8N 083.1W	
h ABOUT 33KM	
BHP EP	04 44 04.2
EL	44 43.0
BMO EP	04 51 26.7
FEB 19	
COL EP	04 51 40.0
FEB 19	
BRW E(P)	05 45 20.5
FEB 19	
BMO IP	05 48 06.1
IS	48 10.6
FEB 19	
GCA E(P)	06 23 07.7
E	23 15.6
FEB 19	
BOZ EP	06 25 05.0
E	25 39.5
FEB 19	
FGU E(P)	06 25 08.5
I	25 10.5
IL	25 45.5
BMO E(P)	06 25 42.0
FEB 19	
BRW E(P)	07 11 24.5
FEB 19	
BRW IP	08 54 47.8
E	55 10.2
COL EP	08 55 11.0
FEB 19	
BMO EP	09 34 26.9
E(S)	34 59.2
FEB 19	
H-09 42 59.3	
37.3N 070.5E	
h ABOUT 27KM	
COL IP	09 54 33.5
FEB 19	
BMO IP	10 14 25.8
IS	14 30.2
FEB 19	
H-10 22 31.0	
39.1N 021.3E	
h ABOUT 29KM	

Date and Station	Phase (GCT) h m s
COL EP	10 34 16.5
BMO EP	10 35 21.3
FEB 19	
COL EP	10 57 21.0
FEB 19	
COL IP	12 12 24.9
FEB 19	
H-12 50 43.3	
35.1N 070.8E	
h ABOUT 68KM	
BRW EP	13 01 39.3
I	01 49.4
COL IP	13 02 21.9
FEB 19	
COL IP	13 43 22.1
FEB 19	
H-14 19 21.0	
35.3N 138.3E	
h ABOUT 205KM	
BRW EP	14 27 49.3
COL EP	14 28 11.0
BMO IP	14 30 41.9
EUR IP	14 31 04.3
EsP	31 51.2
FEB 19	
BMO EP	15 53 36.3
FEB 19	
COL E(P)	16 09 44.5
BMO EP	16 12 16.6
FEB 19	
BMO EP	17 21 03.8
FEB 19	
BHP IP	18 29 12.0
FEB 19	
EUR IP	18 31 30.8
FEB 19	
BMO EP	19 10 32.8
FEB 19	
SJG IP	19 19 45.5
IS	19 50.6
FEB 19	
COL EP	19 40 58.0
FEB 19	
BMO EPN	19 57 51.3
FEB 19	
BOZ IP	20 03 31.5
IL	03 35.0
FEB 19	
BUT E(P)	20 03 51.0
IL	03 57.0

Date and Station	Phase (GCT) h m s
FEB 19	
EUR E(P)	20 33 20.6
FEB 19	
BMO E(P)	21 02 14.9
FEB 19	
COL EP	21 09 52.0
BMO E(P)	21 10 11.6
FEB 19	
EUR IP	22 01 17.4
FEB 19	
BMO EP	22 06 20.5
FEB 19	
COL EP	22 21 34.0
FEB 19	
BMO EP	22 29 32.9
FEB 19	
TUC E(P)	22 33 16.1
FEB 19	
ALQ IP	22 40 57.2
I	41 22.5
FEB 19	
H-22 48 50.9	
43.8N 147.2E	
h ABOUT 55KM	
BRW EP	22 56 06.5
COL EP	22 56 30.0
BMO EP	22 59 21.8
BOZ IP	22 59 39.9
EUR IP	22 59 48.2
CED EP	23 00 03.5
RCD E(P)	23 00 12.5
TUC E(P)	23 00 35.5
ALQ IP	23 00 39.8
FEB 19	
BMO EP	23 03 29.3
ES	03 45.4
FEB 19	
BMO EP	23 21 15.9
FEB 20	
BMO EP	00 06 51.6
FEB 20	
COL EP	00 09 46.0
FEB 20	
H-00 12 25.0	
41.9N 142.6E	
h ABOUT 73KM	
COL IP	00 20 31.3
BMO EP	00 23 18.1

Date and Station	Phase (GCT)
	h m s
EUR IP	00 23 44.2
E	24 02.9
FEB 20	
BMO EP	00 12 37.2
EUR IP	00 13 12.8
FEB 20	
BMO EPN	00 14 41.0
FEB 20	
BMO E(P)	00 32 46.4
FEB 20	
BHP IP	00 34 25.0
FEB 20	
BMO EP'	00 52 06.2
FEB 20	
BMO EP	01 17 16.6
COL EP	01 18 06.7
FEB 20	
BMO EP	01 59 26.4
E(S)	59 40.9
FEB 20	
H-02 08 39.7	
60.7N 152.2W	
h ABOUT 99KM	
COL EP	02 09 49.0
BRW IP D	02 11 12.4
E	14 42.9
E	14 59.9
BMO EP	02 14 04.8
EUR IP	02 14 48.7
ALQ IP	02 15 58.5
I▸P	16 22.5
IPCP	18 06.6
TUC EP	02 16 00.3
FEB 20	
BOZ EP	02 14 46.5
HHM E(P)	02 15 03.5
E	15 21.5
FEB 20	
EUR IP	02 17 42.6
FEB 20	
BMO EP	02 39 57.1
FEB 20	
COL EP	03 18 14.0
FEB 20	
COL E(P)	03 27 34.5
FEB 20	
BMO EP	03 55 16.0

Date and Station	Phase (GCT)
	h m s
FEB 20	
H-04 10 27.1	
6.9N 073.1W	
h ABOUT 146KM	
BHP EP	04 12 03.5
IS	13 20.0
ALQ EP	04 18 02.5
TUC EP	04 18 16.1
RCD E(P)	04 18 31.0
EUR IP	04 19 11.6
COL E(P)	04 22 07.0
FEB 20	
BMO EP	04 56 36.2
FEB 20	
BMO EP	05 11 28.9
ES	11 32.8
FEB 20	
COL EP	05 18 34.0
FEB 20	
H-05 58 12.5	
53.0N 159.8E	
h ABOUT 71KM	
BRW EP	06 03 43.0
I	04 00.5
COL EP	06 04 02.0
BMO EP	06 07 18.0
BOZ EP	06 07 36.8
EUR EP C	06 07 50.4
I	08 01.5
I	08 10.8
RCD IP D	06 08 14.5
TUC E(P)	06 08 44.7
ALQ IP	06 08 47.5
FEB 20	
H-06 11 54.5	
17.9S 178.5W	
h ABOUT 583KM	
BCN EP	06 23 09.0
E▸P	25 13.0
EUR EP	06 23 13.9
E	23 20.1
E▸P	25 18.4
TUC EP	06 23 16.2
BMO EP	06 23 23.1
COL IP	06 23 31.9
ALQ IP	06 23 37.0

Date and Station	Phase (GCT)
	h m s
FGU EP	06 23 39.0
E▸P	25 44.5
FEB 20	
BMO EP	06 35 44.3
E(S)	35 57.2
FEB 20	
FGU EP	07 30 10.0
E(S)	30 21.5
FEB 20	
H-08 17 29.8	
19.6S 069.9W	
h ABOUT 88KM	
BMO EP	08 29 16.3
FEB 20	
SJG IP	08 23 18.2
IL	23 50.7
FEB 20	
BMO EP	08 31 09.9
FEB 20	
H-08 27 57.8	
51.1N 179.5E	
h ABOUT 48KM	
COL EP	08 32 47.0
BMO EP	08 35 42.4
EUR IP	08 36 14.1
FEB 20	
H-10 03 16.6	
21.4S 066.6W	
h ABOUT 227KM	
BMO EP	10 15 05.4
FEB 20	
COL IP	10 28 15.6
FEB 20	
H-10 28 55.6	
15.3S 173.1E	
h ABOUT 33KM	
COL EP	10 41 28.0
EUR IP	10 41 31.8
TUC E(P)	10 41 39.5
FGU EP	10 41 59.0
ALQ IP	10 42 00.6
FEB 20	
H-10 51 20.2	
01.3S 080.5W	
h ABOUT 125KM	
ALQ EP	10 59 13.4
FEB 20	
COL EP	12 56 08.5
FEB 20	
BMO EP	13 39 07.9

Date and Station	Phase (GCT)
	h m s
COL IP	13 40 06.8
FEB 20	
BMO EP	14 05 48.0
FEB 20	
COL EP	15 07 27.0
FEB 20	
COL EP	15 08 13.0
FEB 20	
ALQ IP	15 18 18.5
FEB 20	
H-15 25 40.1	
09.8S 075.6W	
h ABOUT 21KM	
ALQ IP	15 34 59.6
TUC EP	15 35 02.5
RCD E(P)	15 35 42.0
EUR IP	15 36 00.2
SLD EP	15 36 09.5
BOZ IP	15 36 14.9
BMO E(P)	15 36 28.4
COL IP	15 38 46.1
E	38 53.0
FEB 20	
BMO EP	15 27 57.9
FEB 20	
BMO E(P)	15 34 25.5
FEB 20	
BMO EP	16 20 43.7
FEB 20	
BMO EP	16 51 16.7
FEB 20	
BMO EP	17 58 10.8
FEB 20	
COL IP	18 07 35.7
FEB 20	
H-18 15 50.5	
48.0N 155.2E	
h ABOUT 34KM	
BRW IP D	18 22 17.4
COL EP	18 22 35.0
BMO EP	18 25 36.8
BOZ EP	18 25 55.5
EUR EP	18 26 05.8
E▸P	26 17.8
E	30 24.0
BCN E(P)	18 26 24.0
RCD E(P)	18 26 31.0

Date and Station	Phase	Phase (GCT) h m s
ALQ	IP	18 27 02.4
FEB 20		
H-18 24 57.1		
17.4N 099.9W		
h ABOUT 98KM		
BCN	EP	18 29 53.0
	E	30 00.0
BMO	EP	18 31 06.4
COL	EP	18 34 34.0
FEB 20		
EUR	IP	18 33 56.2
FEB 20		
BMO	E(P)	18 40 06.0
FEB 20		
H-18 56 13.6		
18.1N 099.8W		
h ABOUT 89KM		
ALQ	E(P)	19 00 23.5
BCN	EP	19 01 03.5
	E	01 11.0
BMO	EP	19 02 16.6
FEB 20		
H-19 00 12.8		
17.9N 099.9W		
h ABOUT 117KM		
TUC	EP	19 04 09.7
	E	09 30.0
ALQ	IP	19 04 17.2
	I	05 02.2
BCN	EP	19 05 03.4
	E	05 10.1
EUR	IP	19 05 36.2
SLD	EP	19 05 43.0
BOZ	EP	19 06 08.0
BMO	EP	19 06 17.4
COL	EP	19 09 45.0
FEB 20		
BMO	EP	19 09 10.4
FEB 20		
BCN	EP	19 11 47.1
	E	12 41.0
COL	EP	19 16 29.0
FEB 20		
BMO	EP	19 15 47.8
FEB 20		
BMO	E(P)	19 19 49.4
FEB 20		
BMO	EP	19 35 26.0
	ES	35 42.4
FEB 20		
H-19 54 49.3		
22.3N 143.0E		
h ABOUT 266KM		
BRW	IP D	20 04 28.0
COL	IP	20 04 37.0
BMO	EP	20 06 36.6
EUR	IP	20 06 52.5
BMO	E(P)	20 07 33.6
FEB 20		
H-20 04 02.9		
25.9S 178.7W		
h ABOUT 294KM		
CED	EP	20 15 59.3
BCN	EP	20 16 12.7
TUC	IP C	20 16 16.7
EUR	IP	20 16 18.6
BMO	EP	20 16 29.6
ALQ	IP	20 16 36.5
COL	EP	20 16 44.0
BOZ	EP	20 16 47.0
FEB 20		
BMO	EP	21 24 09.8
FEB 20		
BMO	EP	21 37 37.8
	ES	37 40.8
FEB 20		
COL	EP	22 05 39.0
FEB 20		
BMO	EP	22 11 13.1
COL	EP	22 11 33.5
FEB 20		
EUR	EP	22 40 36.2
FEB 20		
COL	E(P)	22 57 08.2
FEB 20		
BMO	EPN	23 07 04.4
FEB 20		
BMO	EP	23 31 44.4
	ES	32 00.8
FEB 20		
BMO	EP	23 32 37.1
	ES	32 53.2
FEB 20		
BMO	EP	23 35 52.0
	ES	36 08.2
FEB 20		
BMO	EP	23 56 31.2
	ES	56 47.5
FEB 21		
H-00 22 29.5		
55.7S 026.9W		
h ABOUT 33KM		
SJG	EP	00 34 39.7
	E	40 41.8
	ES	44 42.0
TUC	EP'	00 41 05.2
BCN	EP'	00 41 14.8
	EPP	42 27.2
EUR	EP'	00 41 17.5
	EPP	42 53.1
	E	47 37.9
	EPKKP	51 26.4
	E	57 26.0
SLD	EP'	00 41 24.0
	EPP	43 07.0
BOZ	EP'	00 41 25.0
	E	47 25.0
BMO	EP'	00 41 27.8
	E	51 06.0
HHM	IP'C	00 41 29.3
COL	EP'D	00 42 11.5
	I	42 17.8
	I	43 38.8
BRW	IP'C	00 42 16.4
	I	42 27.0
	I	42 39.5
FEB 21		
H-00 28 26.2		
55.7S 026.7W		
h ABOUT 6KM		
BMO	EP'	00 47 29.2
HHM	EP'	00 47 31.0
BRW	EP'	00 48 16.0
	I	48 27.2
COL	IP'	00 48 18.1
FEB 21		
BMO	EP	00 34 51.1
FEB 21		
ALQ	EP	00 37 31.0
	I	41 55.0
FEB 21		
BMO	EP	00 39 40.4
FEB 21		
SJG	IP	00 49 53.8
	IS	50 15.7
FEB 21		
BMO	EP	01 15 42.3
FEB 21		
BMO	EP	01 20 12.9
COL	EP	01 24 58.0
FEB 21		
BMO	EP	01 24 12.6
FEB 21		
BMO	EP	01 42 52.9
FEB 21		
BMO	EP	01 49 47.2
EUR	EP	01 50 22.4
FEB 21		
BMO	E(P)	02 02 12.2
FEB 21		
ALQ	IP	02 14 58.9
FEB 21		
BMO	E(P)	02 53 42.4
FEB 21		
BMO	EP	03 30 03.0
FEB 21		
BMO	EP	03 34 51.8
FEB 21		
BMO	EP	03 53 01.8
FEB 21		
BMO	E(P)	04 12 12.2
FEB 21		
BMO	EP	04 21 27.1
FEB 21		
EUR	E(P)	04 38 53.2
BMO	EP	04 39 18.9
FEB 21		
BMO	E(P)	04 43 23.5
FEB 21		
BMO	EP	05 15 17.6
FEB 21		
BMO	EP	05 48 17.3
FEB 21		
BMO	EP	05 58 42.6
FEB 21		
COL	EP	06 33 35.0
FEB 21		
BMO	EP	07 05 56.3
FEB 21		
SJG	IP D	07 11 15.5
	IS	11 28.8
FEB 21		
FGU	E(P)	07 22 23.7
	E	22 34.0
	EL	23 08.0
FEB 21		
COL	EP	07 30 05.0

Date and Station	Phase (GCT)
	h m s
BMO E(P)	07 30 51.6
HHM E(P)	07 30 52.0
FEB 21	
BMO EP	08 10 21.3
FEB 21	
BMO EP	08 29 14.2
FEB 21	
HHM E(P)	08 41 06.0
FEB 21	
GUA EP	09 35 34.0
ES	39 26.0
FEB 21	
BMO EP	09 38 08.3
COL EP	09 43 03.2
FEB 21	
SJG IP	10 52 53.3
IS	53 13.2
FEB 21	
BMO EP	11 59 28.6
FEB 21	
BMO EP	12 17 34.4
FEB 21	
BMO E(P)	13 09 21.7
E(S)	09 30.0
FEB 21	
H-13 18 46.8	
26.3N 125.7E	
h ABOUT 100KM	
GUA EP	13 23 34.0
BRW IP	13 28 53.4
COL IP	13 29 17.6
HHM IP D	13 31 31.0
BMO EP	13 31 32.0
BUT IP	13 31 39.9
E	32 08.4
BOZ IP	13 31 44.5
EUR EP D	13 31 51.0
I	35 37.3
SLC E(P)	13 31 58.9
CED EP	13 32 01.2
FGU EP	13 32 03.8
FEB 21	
H-13 52 10.6	
24.0S 179.9E	
h ABOUT 516KM	
EUR E(P)	14 04 03.0
BMO E(P)	14 04 11.4

Date and Station	Phase (GCT)
	h m s
FEB 21	
BMO EP	14 03 05.1
FEB 21	
H-14 14 32.5	
55.6N 163.0E	
h ABOUT 57KM	
COL EP	14 19 55.0
BMO EP	14 23 17.7
BOZ EP	14 23 37.5
EUR IP	14 23 52.8
CED EP	14 24 14.7
TUC EP	14 24 49.0
ALQ IP	14 24 51.0
FEB 21	
BMO EP	15 09 46.6
FEB 21	
H-16 45 16.7	
00.1N 123.6E	
h ABOUT 191KM	
COL EP	16 57 52.0
BMO EP'	17 03 38.0
ALQ EP'	17 03 52.1
FEB 21	
BMO EP	17 00 03.7
FEB 21	
BMO EP	17 08 27.9
FEB 21	
H-17 17 12.4	
18.0S 167.7E	
h ABOUT 28KM	
COL EP	17 30 05.0
EUR IP	17 30 16.0
BMO EP	17 30 18.2
TUC E(P)	17 30 22.5
FEB 21	
BMO EP	17 20 34.7
FEB 21	
BMO EP	17 44 54.7
FEB 21	
EUR EP	17 52 26.3
FEB 21	
BMO EP	18 04 41.4
EUR IP	18 04 42.2
FEB 21	
EUR EP	18 24 43.0
FEB 21	
BMO EP	18 36 49.6

Date and Station	Phase (GCT)
	h m s
FEB 21	
BMO EP	19 02 50.5
EUR EP	19 02 51.0
FEB 21	
BMO EP	19 15 08.2
FEB 21	
EUR IP	20 32 09.1
COL IP	20 33 36.7
FEB 21	
H-20 33 06.3	
78.7N 004.7E	
h ABOUT 33KM	
COL E(P)	20 40 13.5
BMO EP	20 42 14.2
FEB 21	
BMO EP	20 36 48.5
ES	37 05.0
FEB 21	
BMO EPN	20 39 13.9
FEB 21	
BMO EP	20 43 21.8
ALQ IP	20 44 55.2
I	45 21.0
I	46 16.5
FEB 21	
BMO EP	21 02 54.5
FEB 21	
BMO EP	21 10 12.8
FEB 21	
ALQ IP	21 21 17.4
FEB 21	
COL IP	21 28 26.8
FEB 21	
EUR IP	21 48 14.0
FEB 21	
BMO EP	22 10 03.1
E(S)	10 28.4
FEB 21	
COL IP	22 25 19.0
FEB 21	
ALQ IP	22 27 03.0
FEB 21	
BMO EP	22 38 58.5
FEB 21	
EUR IP	22 44 47.2
FEB 21	
BMO E(P)	22 47 25.4
FEB 21	
HHM EP	23 01 23.0
BMO EP	23 01 41.8

Date and Station	Phase (GCT)
	h m s
FEB 21	
ALQ EP	23 07 34.8
FEB 21	
H-23 13 16.1	
55.7N 163.1E	
h ABOUT 33KM	
EUR IP	23 22 36.8
ALQ EP	23 23 37.0
FEB 21	
COL EP	23 20 30.0
FEB 21	
BMO EP	23 17 11.0
E(S)	17 32.9
FEB 21	
BMO E(P)	23 19 07.6
E(S)	19 37.9
FEB 21	
HHM E(P)	23 46 03.0
COL EP	23 48 02.0
FEB 22	
H-00 17 09.0	
60.5S 026.8W	
h ABOUT 33KM	
BMO EP'	00 36 13.2
COL EP'	00 37 04.0
FEB 22	
ALQ EP	00 40 45.0
FEB 22	
BMO EP	00 50 09.5
FEB 22	
COL EP	00 59 12.0
FEB 22	
BMO EP	01 13 20.7
FEB 22	
BMO IP	01 23 03.3
ES	23 06.5
FEB 22	
COL IP	01 23 32.1
FEB 22	
BMO E(P)	01 24 28.6
FEB 22	
H-01 36 16.5	
44.3N 149.5E	
h ABOUT 38KM	
BRW IP	01 43 27.0
E	43 48.3
COL EP	01 43 47.0
BMO EP	01 46 42.9
BOZ EP	01 46 56.0
EUR IP	01 47 06.0

Date and Station	Phase	(GCT) h m s
FEB 22		
BMO	EP	02 10 51.7
FEB 22		
COL	EP	02 11 43.0
TUC	E(P)	02 11 53.0
ALQ	EP	02 13 03.0
FEB 22		
EUR	E(P)	02 14 37.0
FEB 22		
H-02 38 46.2		
31.4N 130.0E		
h ABOUT 29KM		
COL	EP	02 48 42.0
HHM	EP	02 51 07.0
BMO	EP	02 51 08.3
EUR	IP	02 51 29.1
FEB 22		
BMO	EP	04 32 11.3
FEB 22		
H-04 36 03.9		
60.2N 152.9W		
h ABOUT 104KM		
COL	IP	04 37 21.5
BRW	IP	04 38 41.8
FEB 22		
BMO	EP	04 41 52.3
FEB 22		
BMO	E(P)	04 56 45.6
FEB 22		
COL	IP	04 59 58.1
FEB 22		
H-05 02 38.9		
5.4S 151.5E		
h ABOUT 44KM		
GUA	IP	05 07 12.0
	IS	10 58.0
KIP	EP	05 12 16.3
HON	IP	05 12 17.6
	IS	20 06.4
COL	EP C	05 14 58.0
	IPCP	15 03.6
	E	22 34.5
	ES	25 12.0
	E	25 33.1
	EPKKP	33 18.3
	EP'P'	41 35.1
BRW	EP D	05 15 03.8
	IPCP	15 08.3
	I	15 43.6
	EPP	18 30.6
SIT	EP	05 15 16.0
	E(S)	25 34.0
UKI	E(P)	05 15 34.8
SLD	EP C	05 15 40.5
	EPP	19 16.5
	ISKS	26 12.5
	IS	26 39.0
	E	27 52.0
	EPKKP	33 46.0
CED	IP C	05 15 54.7
BMO	EP	05 15 56.0
	E(PP)	05 19 44.7
	EPPP	21 36.0
	ESKS	26 34.0
	ES	27 08.0
	EPKKP	33 29.0
	E	40 32.4
EUR	IP C	05 16 00.8
	I	19 22.5
	IPP	19 57.0
	ESKS	26 40.0
	ES	27 38.0
	EPKKP	32 55.5
	EP'P'	41 18.0
BCN	IP C	05 16 04.8
	IPP	16 14.3
	EPP	19 58.7
	ESKS	26 45.5
	ES	27 21.5
HHM	IP C	05 16 07.0
	EPP	19 37.3
	ESKS	26 41.3
	EPKKP	32 50.3
	EP'P'	40 51.0
BUT	EP	05 16 11.4
	ESKS	26 49.4
	E	30 53.4
SLC	EP	05 16 13.8
BOZ	IP	05 16 15.0
	ESKS	26 56.0
	ES	27 42.0
GCA	EP	05 16 16.0
TUC	EP	05 16 19.4
	EPP	20 22.5
	ESKS	28 09.0
FGU	IP	05 16 22.9
	EPP	19 47.8
	ESKS	27 00.0
	ES	27 27.0
	EPKKP	33 01.0
ALQ	IP	05 16 35.4
	IPP	20 47.9
RCD	EP	05 16 42.0
	E	16 52.0
WSC	EP'	05 21 32.5
BHP	EP'	05 21 44.4
	EPP	23 53.6
SJG	IP'	05 21 55.0
	I	22 21.0
	EPP	25 03.5
FEB 22		
BRW	E(P)	05 49 43.5
COL	EP	05 50 06.0
FEB 22		
BMO	E(P)	05 52 58.2
BOZ	EP	05 53 16.4
FEB 22		
SJG	EP	06 01 48.0
	IL	02 40.0
FEB 22		
H-05 57 11.2		
5.5S 151.8E		
h ABOUT 78KM		
GUA	IP	06 01 43.0
COL	EP	06 09 28.0
BMO	EP	06 10 26.2
EUR	IP C	06 10 30.5
	I	10 41.7
	EPP	13 51.6
HHM	EP	06 10 37.0
BOZ	EP	06 10 45.0
FEB 22		
EUR	IP	05 57 22.0
FEB 22		
H-06 25 55.6		
05.6S 151.4E		
h ABOUT 48KM		
COL	IP	06 38 16.2
BMO	EP	06 39 13.1
EUR	IP	06 39 17.7
FEB 22		
CED	E(P)	07 33 46.3
	EL	34 25.7
EUR	E(P)	07 34 56.2
FEB 22		
BMO	E(P)	07 41 53.9
FEB 22		
H-07 48 09.5		
62.4N 147.2W		
h ABOUT 88KM		
COL	IP	07 48 49.1
	IS	49 24.0
BRW	EP	07 50 26.5
	I	50 41.3
HHM	EP	07 53 10.0
BMO	EP	07 53 24.0
EUR	E(P)	07 54 23.2
FEB 22		
H-09 16 24.3		
30.0S 179.3W		
h ABOUT 286KM		
TUC	EP	09 28 52.0
EUR	EP	09 28 55.6
BMO	EP	09 29 07.7
FEB 22		
COL	EP	09 20 36.0
BMO	E(P)	09 21 54.6
	E	23 36.9
FEB 22		
BMO	E(P)	10 18 30.4
FEB 22		
COL	IP	10 50 52.0
FEB 22		
EUR	EP	10 59 32.3
FEB 22		
COL	IP	11 02 11.9
FEB 22		
COL	IP	11 10 16.8
EUR	IP	11 11 17.2
FEB 22		
H-13 07 18.9		
24.2S 068.3W		
h ABOUT 33KM		
EUR	EP	13 19 13.0
BMO	EP	13 19 37.1
FEB 22		
COL	EP	13 44 51.0
FEB 22		
BMO	EP	14 43 26.4
FEB 22		
BRW	IP	15 18 45.6
COL	EP	15 19 06.0
FEB 22		
COL	EP	15 30 04.0
FEB 22		
BMO	E(P)	16 56 07.4
FEB 22		
BMO	EP	17 03 14.4
FEB 22		
BMO	EP	17 06 04.2
FEB 22		
H-17 24 09.7		
05.6S 151.5E		
h ABOUT 55KM		

Date and Station	Phase (GCT)
	h m s
BMO EP	17 37 26.4
EUR IP	17 37 31.2
FEB 22	
COL E(P)	17 44 43.3
FEB 22	
BMO EP	18 02 46.2
FEB 22	
BMO EP	18 12 21.6
FEB 22	
H-18 18 36.3	
5.6S 151.4E	
h ABOUT 55KM	
GUA IP	18 23 09.0
ES	27 04.0
COL IP	18 30 55.9
SLD EP	18 31 37.0
BMO EP	18 31 53.9
EUR IP C	18 31 57.5
I	32 13.3
E(PP)	35 51.5
BRW E(P)	18 32 00.7
BCN EP	18 32 01.0
HHM EP	18 32 04.0
BOZ EP	18 32 12.5
SJG EP'	18 38 02.0
FEB 22	
H-18 43 11.7	
5.5S 151.4E	
h ABOUT 58KM	
COL EP	18 55 31.0
BMO EP	18 56 28.7
EUR IP	18 56 32.8
FEB 22	
BMO EP	18 43 26.4
FGU E(P)	18 43 40.0
E	43 58.5
FEB 22	
EUR E(P)	18 46 42.1
FGU EP	18 47 00.3
FEB 22	
BMO EP	18 48 53.0
FEB 22	
COL EP	19 01 18.0
FEB 22	
H-19 26 52.8	
5.4S 151.3E	
h ABOUT 66KM	

Date and Station	Phase (GCT)
	h m s
COL EP	19 39 10.0
BMO EP	19 40 08.6
EUR EP	19 40 12.2
FEB 22	
ALQ IP	19 30 41.4
FEB 22	
BMO EP	19 37 01.8
FEB 22	
BMO E(P)	19 55 39.8
FEB 22	
COL EP	20 02 31.0
FEB 22	
ALQ IP	20 04 28.5
FEB 22	
BMO EP	20 06 51.2
FEB 22	
BMO E(P)	20 19 04.0
FEB 22	
BMO EP	20 43 43.8
FEB 22	
TUC E(P)	20 56 40.0
EL	37 29.9
BMO E(P)	20 58 44.4
FEB 22	
BMO EP	21 13 15.4
FEB 22	
COL IP	21 17 55.8
FEB 22	
BMO EP	21 34 15.0
FEB 22	
BMO EP	21 40 11.2
FEB 22	
EUR IP	21 48 42.2
FEB 22	
GCA E(P)	21 53 15.0
I	53 20.5
EL	53 48.2
ALQ IP	21 53 16.0
FEB 22	
BMO EPN	22 07 01.5
FEB 22	
BMO E(P)	22 10 38.8
FEB 22	
BMO EP	22 26 15.4
E(S)	26 53.6
FEB 22	
BMO E(P)	23 48 34.2
E(S)	48 58.3

Date and Station	Phase (GCT)
	h m s
FEB 23	
BMO E(P)	00 04 09.5
E(S)	04 40.0
FEB 23	
H-01 02 01.3	
09.7N 085.8W	
h ABOUT 35KM	
BMO EP	01 10 08.7
FEB 23	
COL EP	01 09 12.0
FEB 23	
H-01 14 15.5	
51.4N 178.0E	
h ABOUT 33KM	
COL EP	01 19 11.0
BRW EP	01 19 21.0
BMO EP	01 22 08.5
EUR IP C	01 22 41.0
I	22 52.4
EPCP	24 17.7
FEB 23	
COL EP	01 17 33.0
BMO E(P)	01 18 51.3
FEB 23	
RCD EP	01 58 33.1
E	59 00.0
E	02 00 07.0
FEB 23	
H-04 25 17.9	
21.9N 109.0W	
h ABOUT 033KM	
TUC E(P)	04 27 49.5
FGU EP	04 29 35.0
FEB 23	
RCD EP	06 18 22.0
FEB 23	
TUC E(P)	06 39 44.3
FEB 23	
CED E(P)	07 00 10.2
I	00 12.7
IL	00 37.4
SLD IP	07 00 28.7
IL	01 05.8
EUR EP	07 01 18.0
FEB 23	
COL EP	07 48 00.0
FEB 23	
COL EP	07 58 52.0
FEB 23	
COL IP	08 28 05.0

Date and Station	Phase (GCT)
	h m s
FEB 23	
TUC E(P)	08 57 02.8
E(S)	57 55.0
CED E(P)	08 57 22.5
I	57 32.6
IL	58 34.0
BCN E(P)	08 57 26.5
E	57 55.5
EUR EP	08 58 57.0
I	09 01 35.5
FEB 23	
ALQ EP	08 58 18.0
IS	09 00 20.6
FEB 23	
H-08 59 16.4	
53.6N 166.7W	
h ABOUT 33KM	
COL EP	09 02 45.0
BRW E(P)	09 03 31.0
EUR E(P)	09 06 23.0
TUC E(P)	09 07 40.0
FEB 23	
FGU EP	09 02 00.2
FEB 23	
TUC E(P)	09 48 09.5
FEB 23	
SJG IP	10 05 18.0
FEB 23	
BMO EP	10 06 28.0
FGU EP	10 06 58.0
FEB 23	
BMO EP	10 10 11.7
FEB 23	
RCD E(P)	11 04 50.0
BMO E(P)	11 05 16.2
FEB 23	
COL EP	11 59 05.6
FEB 23	
H-12 46 18.1	
48.2S 009.7W	
h ABOUT 33KM	
SJG E(P)	12 58 41.0
ALQ EP'	13 05 05.0
BMO EP'	13 05 14.5
FGU EP'	13 05 15.5
EPP	07 02.5
BOZ EP'	13 05 23.0
EPP	07 30.0
BMO EP'	13 05 28.7

Date and Station	Phase (GCT)
	h m s
COL EP'	13 06 09.0
BRW EP'	13 06 10.2
I	06 16.9
FEB 23	
EUR IP	13 40 49.2
BCN IP	13 41 19.0
I	41 27.2
IL	42 01.0
TUC E(P)	13 42 25.2
FEB 23	
COL EP	15 13 47.0
FEB 23	
H-15 30 06.4	
20.6S 069.3W	
h ABOUT 100KM	
BMO EP	15 41 58.5
FEB 23	
EUR IP	15 37 33.2
FEB 23	
COL EP	15 45 52.0
FEB 23	
H-16 31 58.1	
16.8S 172.5W	
h ABOUT 33KM	
BMO E(P)	16 44 02.3
COL IP	16 44 25.2
FEB 23	
ALQ IP	17 19 20.5
I	19 57.5
I	20 35.5
FEB 23	
BMO EP	17 37 25.4
FEB 23	
BMO EP	18 01 21.6
FEB 23	
H-18 10 21.9	
15.4S 072.7W	
h ABOUT 115KM	
ALQ E(P)	18 20 08.5
I	20 13.5
FGU EP	18 20 55.5
E*P	21 23.2
FEB 23	
BMO EP	18 25 23.0
FEB 23	
EUR IP	18 32 03.0
ALQ IP	18 34 05.5
I	34 40.5
FEB 23	
ALQ IP	18 51 26.5
I	52 12.6

Date and Station	Phase (GCT)
	h m s
FEB 23	
COL EP	19 18 44.0
FEB 23	
COL EP	19 33 53.0
FEB 23	
BMO EP	19 44 06.6
ES	44 32.6
FEB 23	
H-19 53 55.5	
05.4S 151.5E	
h ABOUT 64KM	
BMO EP	20 07 11.3
FEB 23	
COL EP	19 58 16.0
FEB 23	
BMO EP	19 58 41.8
ES	59 05.2
FEB 23	
ALQ IP	20 29 12.8
I	29 37.5
FEB 23	
EUR IP	20 50 59.6
FEB 23	
COL EP	20 58 55.0
FEB 23	
EUR IP	21 10 32.0
FEB 23	
COL EP	21 26 57.0
FEB 23	
BMO EP	21 30 45.4
FEB 23	
ALQ IP	21 50 33.4
I	50 54.5
I	51 12.4
EUR EP	21 50 36.5
FEB 23	
BMO EP	22 07 06.6
FEB 23	
HHM E(P)	22 45 38.0
BMO E(P)	22 45 59.2
FEB 23	
BMO EP	23 29 26.7
FEB 23	
RCD EP	23 50 07.0
E	50 32.5
FEB 23	
BMO E(P)	23 54 41.6
FEB 24	
BMO E(P)	00 01 41.4
E(S)	02 03.7

Date and Station	Phase (GCT)
	h m s
FEB 24	
H-00 16 40.9	
26.3N 091.5E	
h ABOUT 51KM	
COL IP	00 28 37.5
FEB 24	
COL IP	00 23 20.2
FEB 24	
BMO EP	00 24 20.7
FEB 24	
COL EP	00 26 14.0
FEB 24	
BMO E(P)	00 48 35.2
FEB 24	
COL EP	01 22 57.0
FEB 24	
RCD E(P)	02 25 42.0
FEB 24	
EUR IP	03 45 34.0
FEB 24	
RCD E(P)	03 53 40.0
FEB 24	
TUC E(P)	04 21 10.0
FEB 24	
BMO EP	04 37 13.6
FEB 24	
COL IP	04 54 12.7
BMO E(P)	04 55 21.8
FEB 24	
BMO EP	05 20 07.2
EUR IP	05 20 21.1
FEB 24	
H-05 35 38.3	
18.8S 069.3W	
h ABOUT 107KM	
BOZ E(P)	05 47 03.0
BMO EP	05 47 21.7
FEB 24	
COL EP	05 36 58.0
FEB 24	
BMO EP	05 37 50.8
FEB 24	
BRW IP	05 38 38.5
FEB 24	
COL IP	05 38 07.3
IS	38 48.0
HHM E(P)	05 43 12.0
BMO EP	05 43 27.9
EUR E(P)	05 44 14.6

Date and Station	Phase (GCT)
	h m s
RCD EP	05 44 23.5
ALQ IP	05 45 17.2
I	49 55.8
FEB 24	
H-05 40 03.8	
52.6N 172.4E	
h ABOUT 36KM	
BRW IP	05 45 09.1
COL IP	05 45 12.7
HHM IP	05 48 18.0
BMO EP	05 48 19.7
BOZ IP	05 48 41.3
EUR EP	05 48 51.0
CED EP	05 49 11.9
FGU EP	05 49 13.2
BCN EP	05 49 14.5
GCA EP	05 49 23.1
TUC EP	05 49 50.0
FEB 24	
BMO EP	05 47 50.8
FEB 24	
BMO EP	05 52 55.5
FEB 24	
SJG IP	05 59 49.8
IS	06 00 13.5
FEB 24	
BMO EP	05 53 48.0
FEB 24	
COL EP	06 02 12.0
E	12 39.5
FEB 24	
BMO EP	06 56 18.9
FEB 24	
COL EP	07 03 33.0
FEB 24	
COL EP	07 30 42.0
FEB 24	
COL IP	07 34 20.2
FEB 24	
BMO EP	07 52 00.3
COL EP	07 54 41.0
FEB 24	
BMO EP	07 55 40.6
FEB 24	
COL EP	07 59 34.0
FEB 24	
BMO EP	08 19 04.7

Date and Station	Phase (GCT)
	h m s
FEB 24	
H-08 24 49.1	
31.7N 115.5W	
h ABOUT 33KM	
CED EP	08 25 41.9
IL	26 29.0
TUC EP	08 25 53.0
EL	27 03.0
BCN EP	08 26 02.0
I	26 18.0
IL	27 20.5
GCA EP	08 26 24.5
EUR IP	08 26 51.4
ALQ IP	08 26 57.0
I	27 45.5
IL	29 23.5
BMO E(P)	08 28 12.2
FEB 24	
COL EP	08 43 03.0
FEB 24	
H-08 45 32.2	
5.5S 151.8E	
h ABOUT 64KM	
COL EP	08 57 50.0
BMO EP	08 58 48.0
EUR E(P)	08 58 52.2
FEB 24	
EUR E(P)	09 06 23.5
FEB 24	
BMO E(P)	09 30 55.9
FEB 24	
EUR IP	09 32 50.4
FEB 24	
BMO EP	10 01 10.6
FEB 24	
BMO EP	10 45 00.9
FEB 24	
BRW EP	10 50 54.4
FEB 24	
COL IP	11 06 57.2
FEB 24	
BMO E(P)	11 15 33.0
FEB 24	
COL E(P)	11 31 25.8
FEB 24	
BRW E(P)	11 36 22.8
COL E(P)	11 38 06.0
FEB 24	
BMO EP	11 51 13.1

Date and Station	Phase (GCT)
	h m s
FEB 24	
H-11 56 44.8	
26.2S 071.0E	
h ABOUT 33KM	
TUC EP'	12 16 54.7
FEB 24	
COL IP	12 10 31.5
FEB 24	
COL EP	12 10 39.0
FEB 24	
BOZ EP	12 49 32.0
FEB 24	
BMO EP	12 57 52.8
FEB 24	
BCN IP	12 58 05.7
IS	58 07.5
FEB 24	
BMO E(P)	13 22 43.1
FEB 24	
COL E(P)	13 39 03.6
BMO E(P)	13 41 32.6
FEB 24	
BMO EP	13 54 17.1
FEB 24	
COL EP	14 23 47.0
FEB 24	
COL EP	14 30 09.0
FEB 24	
BMO E(P)	14 56 43.1
FEB 24	
BMO EP	15 14 34.4
E	20 50.5
FEB 24	
COL EP	15 22 43.0
BMO EP	15 23 43.3
FEB 24	
H-15 55 07.0	
37.2N 116.5W	
h ABOUT 0KM	
BCN IP C	15 55 40.0
EUR IP	15 55 45.5
CED IP	15 55 57.3
SLD EP	15 56 07.2
IL	57 10.5
GCA IP	15 56 09.3
SLC EP	15 56 25.4
I	56 43.2
TUC IP	15 56 48.7

Date and Station	Phase (GCT)
	h m s
FGU IP C	15 56 48.8
I	57 09.1
IL	58 41.5
BMO EP	15 57 02.0
ALQ IP	15 57 11.4
BOZ EP	15 57 25.0
I	57 54.5
HHM IP C	15 57 52.0
EL	16 01 27.0
COL IP	16 01 47.5
FEB 24	
BMO E(P)	15 55 21.5
UKI E(P)	15 56 52.5
FEB 24	
BRW E(P)	16 06 20.2
FEB 24	
BHP IP	16 31 17.1
FEB 24	
EUR IP	16 32 45.0
FEB 24	
BMO EP	16 44 35.2
FEB 24	
BMO EP	16 48 21.5
FEB 24	
EUR EP	17 01 32.1
FEB 24	
COL EP	17 07 13.0
FEB 24	
EUR IP	17 20 03.0
FEB 24	
BMO EP	17 27 51.6
FEB 24	
H-17 34 46.1	
06.8N 073.1W	
h ABOUT 47KM	
BMO E(P)	17 44 10.8
FEB 24	
EUR IP	18 20 13.0
COL EP	18 30 35.0
FEB 24	
H-18 54 34.8	
51.8N 177.3W	
h ABOUT 65KM	
COL EP	18 59 05.0
BMO EP	19 02 00.9
HHM EP	19 02 02.0
EPP	03 39.0

Date and Station	Phase (GCT)
	h m s
FEB 24	
BRW EP	18 59 41.5
BMO E(P)	18 59 42.8
BOZ EP	19 01 41.0
FEB 24	
BCN E(P)	19 45 55.5
EL	46 20.0
EUR IP	19 46 01.1
FEB 24	
H-19 53 13.5	
60.0N 147.9W	
h ABOUT 16KM	
COL IP	19 54 28.3
I	55 52.0
IL	56 16.0
BRW EP	19 56 03.0
EL	59 16.0
E	20 00 51.6
HHM IP C	19 58 17.0
BMO EP	19 58 27.1
BOZ EP	19 58 46.0
I	58 48.2
EUR IP	19 59 12.1
FGU EP	19 59 26.5
BCN EP	19 59 43.0
CED EP	19 59 46.3
ALQ IP	20 00 21.5
TUC E(P)	20 00 24.0
FEB 24	
ALQ IP	19 55 03.6
FEB 24	
BMO EP	20 03 47.8
FEB 24	
H-20 08 56.8	
06.1S 147.5E	
h ABOUT 57KM	
GUA IP	20 13 26.0
ES	17 08.0
BRW EP	20 21 30.5
BMO EP	20 22 27.8
SJG EP'	20 28 29.0
FEB 24	
BMO EP	20 12 15.9
FEB 24	
ALQ IP	20 13 53.5
FEB 24	
ALQ IP	20 35 39.4

Date and Station	Phase (GCT)
	h m s
BMO E(P)	20 36 13.2
FEB 24	
BMO EP	20 39 04.6
FEB 24	
BMO EP	20 39 44.1
FEB 24	
BMO E(P)	20 47 12.2
FEB 24	
BMO EP	21 03 06.7
FEB 24	
H-21 21 28.7	
1.1N 028.9W	
h ABOUT 33KM	
EUR IP	21 34 12.8
BMO EP	21 34 16.7
FEB 24	
TUC (P)	21 45 19.4
EUR IP	21 45 19.5
FEB 24	
BOZ EP	22 04 53.0
FEB 24	
BMO EP	22 49 59.3
FEB 24	
BMO E(P)	23 07 01.6
FEB 24	
HHM EP	23 20 53.0
FEB 24	
BMO E(P)	23 27 38.1
FEB 24	
BMO EP	23 28 24.5
FEB 24	
BMO EP	23 39 02.2
FEB 24	
BMO EP	23 42 58.5
FEB 24	
EUR IP	23 50 57.8
FEB 24	
EUR EP	23 58 36.6
FEB 25	
BMO E(P)	00 12 34.3
FEB 25	
HHM E(P)	00 19 25.0
FEB 25	
BHP IP	00 31 34.7
I(S)	32 21.0
FEB 25	
BMO EP	00 51 21.0
ES	51 49.2
FEB 25	
NEW EP	02 16 29.0
ES	16 58.0
BMO EP	02 16 35.9
FEB 25	
H-02 44 22.0	
37.2S 095.3W	
h ABOUT 33KM	
TUC E(P)	02 55 35.7
ALQ EP	02 55 47.2
I	56 35.8
BMO EP	02 56 50.6
FEB 25	
H-02 45 10.8	
37.2S 095.3W	
h ABOUT 33KM	
TUC EP	02 56 24.0
BCN EP	02 56 51.0
GCA EP	02 56 52.4
E	57 52.5
EUR IP	02 57 11.5
FGU E(P)	02 57 11.6
RCD E(P)	02 57 25.0
BOZ EP	02 57 38.5
BMO E(P)	02 57 39.1
HHM E(P)	02 57 53.0
E	58 06.2
NEW IP	02 57 55.0
FEB 25	
BMO EP	03 19 10.9
FEB 25	
BMO EP	04 10 02.3
COL EP	04 13 17.0
FEB 25	
BMO EP	04 16 18.0
EUR EP	04 16 46.4
FEB 25	
H-04 50 47.6	
16.5S 174.0W	
h ABOUT 187KM	
BMO EP	05 02 36.7
FEB 25	
BMO EP	04 52 36.4
FEB 25	
COL EP	05 05 21.1
FEB 25	
COL EP	06 04 59.2
FEB 25	
BMO EP	06 05 42.5
EUR IP	06 05 46.2
FEB 25	
BMO EP	06 40 53.4
FEB 25	
BMO EP	06 45 15.5
FEB 25	
BMO EP	07 26 47.5
FEB 25	
TUC E(P)	07 49 03.5
FEB 25	
NEW EP	07 54 58.0
BMO EP	07 55 07.5
FEB 25	
BMO EP	10 03 45.6
FEB 25	
H-10 06 30.3	
06.9N 073.0W	
h ABOUT 148KM	
TUC E(P)	10 14 19.0
EUR IP	10 15 14.9
BMO EP	10 15 44.4
FEB 25	
BHP E(P)	10 37 16.5
E	38 15.1
FEB 25	
RCD E(P)	10 39 54.5
E	42 08.5
FEB 25	
NEW IP	11 18 25.8
IS	18 54.0
BMO EPG	11 18 32.3
FEB 25	
H-11 35 16.5	
18.8S 175.9W	
h ABOUT 291KM	
BMO EP	11 47 09.2
FEB 25	
TUC E(P)	12 34 32.0
FEB 25	
BMO EP	12 49 16.5
FEB 25	
H-13 06 06.1	
24.9S 179.7E	
h ABOUT 495KM	
TUC EP	13 18 02.0
EUR EP	13 18 02.5
BMO EP	13 18 12.6
FEB 25	
ALQ EP	13 29 43.0
FEB 25	
H-14 10 51.5	
05.5S 130.2E	
h ABOUT 31KM	
COL E(P)	14 24 02.7
FEB 25	
NEW EP	14 46 18.0
IS	46 47.0
BMO EP	14 46 24.5
FEB 25	
H-14 57 00.5	
44.7N 116.1W	
h ABOUT 33KM	
BMO EPN	14 57 15.5
BOZ EP	14 57 49.0
IL	58 40.0
NEW EP	14 57 57.0
I	58 08.0
ES	58 57.0
HHM E(P)	14 58 02.0
EL	59 07.0
EUR E(P)	14 58 19.0
IL	59 34.0
FEB 25	
NEW EP	15 09 56.0
ES	10 07.0
BMO EP	15 10 22.8
FEB 25	
BMO EPN	15 48 24.5
FEB 25	
BMO EPG	15 59 16.0
FEB 25	
BMO EP	16 05 29.8
ES	05 43.0
FEB 25	
BMO EPN	16 06 30.8
FEB 25	
BMO EP	16 44 16.4
FEB 25	
HHM EP	17 02 13.0
FEB 25	
BMO EP	18 18 04.0
FEB 25	
NEW EP	18 34 40.0
ES	35 09.0
BMO EP	18 34 46.7
FEB 25	
BMO EP	18 44 20.9

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	h m s
FEB 25	
EUR EP	19 02 33.0
FEB 25	
EUR E(P)	20 03 50.0
FEB 25	
BMO EP	20 22 43.1
FEB 25	
BMO EP	21 15 01.4
FEB 25	
BMO EP	21 21 20.5
FEB 25	
ALQ IP	21 23 06.6
I	23 46.0
FEB 25	
BMO IP	21 42 46.2
ES	42 49.4
FEB 25	
ALQ IP	21 52 02.6
I	52 38.5
FEB 25	
NEW IP	22 10 47.1
IS	11 06.0
FEB 25	
BMO EP	22 22 02.1
FEB 25	
ALQ EP	22 29 48.5
FEB 25	
H-22 49 55.8	
52.5N 172.0E	
h ABOUT 33KM	
COL IP	22 55 06.8
BMO EP	22 58 14.0
BOZ EP	22 58 36.0
EUR IP	22 58 46.1
FEB 25	
H-22 50 54.0	
15.3S 173.2W	
h ABOUT 93KM	
SLD EP	23 02 10.0
BCN EP	23 02 30.0
TUC E(P)	23 02 31.8
EUR EP D	23 02 33.2
I▸P	02 49.0
E(PP)	05 10.0
E	07 12.0
GCA EP	23 02 44.0
BMO EP	23 02 45.6
SLC E(P)	23 02 52.4
I	02 59.8
NEW EP	23 02 54.0
I	03 04.0
ALQ IP	23 02 57.6
FGU EP	23 03 00.5
COL IP C	23 03 05.0
IPCP	03 13.0
EPP	06 19.3
HHM EP	23 03 06.0
IPCP	03 13.0
BOZ EP	23 03 06.6
IPCP	03 14.0
BRW E(P)	23 03 33.8
FEB 25	
BMO EP	23 08 17.5
COL IP	23 08 36.5
FEB 25	
COL IP	23 10 52.4
FEB 25	
COL IP	23 12 50.9
FEB 25	
BMO EP	23 10 41.3
FEB 25	
BMO EP	23 13 11.9
FEB 25	
BMO EP	23 21 51.1
FEB 25	
H-23 22 10.8	
15.1S 172.9W	
h ABOUT 33KM	
BMO E(P)	23 34 17.1
COL IP	23 34 29.5
FEB 25	
EUR EP	23 41 12.0
BMO EP	23 42 08.3
FEB 25	
BMO EP	23 43 05.6
FEB 25	
H-23 46 09.5	
14.0S 173.5W	
h ABOUT 33KM	
BMO EP	23 58 05.4
COL IP	23 58 25.4
FEB 25	
BMO EP	23 49 54.4
FEB 26	
BMO EP	00 13 31.5
FEB 26	
EUR IP	00 24 46.4
FEB 26	
H-00 30 43.9	
06.3N 077.5W	
h ABOUT 34KM	
BHP IP	00 31 35.0
ALQ IP	00 38 10.0
E(S)	43 35.4
TUC EP	00 38 20.5
BOZ E(P)	00 38 30.5
FGU EP	00 38 56.3
EUR IP	00 39 20.0
BMO EP	00 39 48.5
FEB 26	
ALQ EP	00 31 15.0
FEB 26	
BMO EP	00 32 44.0
FEB 26	
H-00 33 45.9	
52.5N 173.5E	
h ABOUT 17KM	
BRW IP C	00 38 52.1
I	39 02.0
IPCP	42 40.2
E(S)	43 04.0
ESCP	46 14.5
COL EP C	00 38 53.0
I	39 06.0
ES	43 05.0
NEW IP	00 41 44.3
I	41 53.0
IPCP	43 36.0
HHM EP	00 41 57.0
I	42 08.0
EPCP	43 41.2
E	43 50.7
BMO EP	00 41 59.5
BOZ IP	00 42 21.5
I▸P	42 29.0
SLD EP	00 42 22.0
EUR IP D	00 42 31.8
I▸P	42 40.0
IPCP	43 56.5
ESCP	47 48.4
BCN EP	00 42 54.5
E▸P	43 02.7
FGU E(P)	00 43 01.5
EPCP	44 16.5
ESCP	48 15.0
RCD EP	00 43 04.5
E	43 13.0
GCA E(P)	00 43 06.0
TUC E(P)	00 43 29.1
FEB 26	
BMO EP	01 24 42.7
FEB 26	
BMO EP	01 29 24.8
FEB 26	
BMO EP	01 42 46.2
ES	42 49.1
FEB 26	
BMO EP	02 09 42.1
FEB 26	
BMO EP	02 18 07.7
FEB 26	
H-02 49 10.5	
21.4S 174.8W	
h ABOUT 134KM	
EUR EP	03 01 15.8
BMO EP	03 01 27.5
ALQ EP	03 01 35.0
COL EP	03 01 50.0
FEB 26	
BMO EP	03 13 33.8
FEB 26	
BMO EP	03 38 48.2
FEB 26	
TUC E(P)	03 57 52.0
EL	58 34.1
FEB 26	
TUC E(P)	04 06 06.7
EL	06 48.5
FEB 26	
SJG IP	04 17 26.0
IS	17 41.0
FEB 26	
BMO IP	04 28 32.3
ES	28 33.6
FEB 26	
BMO EP	04 44 32.1
FEB 26	
BRW EP	04 49 47.3
FEB 26	
BMO EP	04 51 43.0
EUR IP	04 51 56.0
FEB 26	
H-05 06 16.9	
01.6S 133.8E	
h ABOUT 71KM	
COL EP	05 18 54.0

Date and Station	Phase (GCT)
	h m s
FEB 26	
BMO EP	05 29 56.2
FEB 26	
H-05 34 27.4	
5.5S 151.8E	
h ABOUT 53KM	
COL IP	05 46 46.9
BMO EP	05 47 43.9
NEW EP	05 47 44.0
EUR IP	05 47 47.7
FEB 26	
BMO EP	05 43 51.3
FEB 26	
COL EP	05 55 35.5
BCN EP	06 01 40.0
FEB 26	
BMO EP	06 13 33.1
FEB 26	
BMO E(P)	06 46 07.1
FEB 26	
BHP IP	06 49 29.0
FEB 26	
H-06 50 22.7	
5.4S 151.6E	
h ABOUT 57KM	
COL IP	07 02 41.3
BMO EP	07 03 38.0
EUR IP	07 03 42.0
HHM EP	07 03 51.0
FEB 26	
BMO EP	07 10 11.9
FEB 26	
H-07 54 35.5	
15.5N 092.2W	
h ABOUT 152KM	
ALQ IP	07 59 30.6
TUC E(P)	07 59 33.6
E	59 59.2
SJG EP	07 59 47.2
GCA E(P)	08 00 10.5
E	01 17.0
BCN EP	08 00 20.5
E▸P	00 44.0
FGU EP	08 00 26.7
E▸P	00 52.4
RCD E(P)	08 00 46.0
EUR EP	08 00 47.0
E	01 36.8
BOZ EP	08 01 09.0
E▸P	01 33.5
BMO E(P)	08 01 24.5
EPCP	03 49.0
HHM E(P)	08 01 37.0
EPCP	03 54.0
NEW EP	08 01 44.0
IPCP	03 55.0
COL IP D	08 04 40.0
IPCP	05 20.1
BRW EP D	08 05 16.9
FEB 26	
RCD E(P)	08 14 48.0
E	16 22.5
BMO EP	08 15 29.1
EUR IP	08 15 43.8
FEB 26	
H-08 23 04.6	
23.3S 179.4E	
h ABOUT 577KM	
TUC EP	08 34 48.7
EUR EP	08 34 49.5
FEB 26	
BMO E(P)	08 25 42.8
FEB 26	
H-08 27 28.6	
14.7S 173.0W	
h ABOUT 33KM	
BMO EP	08 39 24.9
COL EP	08 39 45.0
FEB 26	
BMO E(P)	09 01 40.2
FEB 26	
BMO EP	09 15 35.5
FEB 26	
BMO E(P)	09 28 37.5
FEB 26	
BMO EP	10 04 00.2
FEB 26	
EUR EP	10 12 49.8
COL EP	10 13 29.0
FEB 26	
H-10 48 37.9	
14.6S 167.2E	
h ABOUT 164KM	
COL EP	11 01 00.0
EUR IP	11 01 17.2
BMO EP	11 01 20.3
FEB 26	
COL IP	10 57 06.2
FEB 26	
BMO EP	11 18 49.8
FEB 26	
H-11 21 56.9	
15.4S 173.4W	
h ABOUT 128KM	
BCN EP	11 33 26.5
TUC EP	11 33 34.3
EUR IP	11 33 35.0
GCA EP	11 33 44.1
BMO EP	11 33 45.9
NEW EP	11 33 54.0
ALQ IP	11 33 58.2
FGU EP	11 34 01.8
COL IP	11 34 05.6
BOZ EP	11 34 08.0
RCD E(P)	11 34 29.0
FEB 26	
NEW IP	12 09 41.5
BMO EP	12 09 50.9
EUR EP	12 10 08.1
FGU EP	12 10 21.5
FEB 26	
COL EP	12 33 07.8
BMO EP	12 34 55.3
FEB 26	
BMO EP	13 13 58.7
COL IP	13 14 12.3
FEB 26	
COL IP	13 18 03.0
FEB 26	
BMO EP	13 16 05.3
FEB 26	
H-13 34 43.1	
15.7S 173.0W	
h ABOUT 27KM	
BMO EP	13 46 44.4
COL IP	13 47 04.9
BOZ EP	13 47 05.5
FEB 26	
BMO EP	13 58 57.0
FEB 26	
BCN EP	15 00 53.5
FEB 26	
BMO E(P)	15 06 24.2
FEB 26	
RCD E(P)	15 28 30.0
E	29 19.2
FEB 26	
BMO EP	15 56 47.9
FEB 26	
BMO EP	16 07 01.0
FEB 26	
BMO EP	16 10 58.9
FEB 26	
COL EP	16 18 27.0
BMO EP	16 21 23.9
EUR EP	16 21 58.0
I	22 26.9
FEB 26	
BMO EP	16 49 32.5
FEB 26	
ALQ E(P)	17 01 15.0
FEB 26	
BMO E(P)	17 06 12.8
FEB 26	
BMO EP	17 07 52.2
FEB 26	
BMO EP	17 20 34.2
FEB 26	
BMO E(P)	17 21 34.6
FEB 26	
H-17 23 38.5	
52.6N 033.2W	
h ABOUT 33KM	
BOZ EP	17 32 28.0
COL IP	17 32 50.3
BMO EP	17 32 53.1
EUR EP	17 33 15.3
FEB 26	
EUR IP	17 30 21.5
FEB 26	
BMO E(P)	17 33 32.5
FEB 26	
BMO EP	17 38 52.8
FEB 26	
HHM EP	17 50 33.0
BMO E(P)	17 51 17.8
FEB 26	
EUR IP	17 53 47.7
FEB 26	
ALQ IP	18 07 37.0

Date and Station	Phase (GCT)
	h m s
FEB 26	
BMO E(P)	18 22 46.3
FEB 26	
BMO EP	18 55 26.8
FEB 26	
NEW IP	20 30 53.5
IS	31 14.0
FEB 26	
EUR IP	20 37 13.0
FEB 26	
H-20 50 37.3	
30.5N 050.8E	
h ABOUT 57KM	
COL EP	21 03 02.0
FEB 26	
H-21 01 20.9	
21.3S 070.8W	
h ABOUT 83KM	
BMO EP	21 13 15.5
FEB 26	
H-21 14 33.3	
18.3S 069.4W	
h ABOUT 130KM	
BMO EP	21 26 10.4
FEB 26	
BMO EPG	21 24 59.0
FEB 26	
BMO E(P)	21 25 04.3
FEB 26	
BMO EP	21 26 46.1
FEB 26	
BMO EP	21 52 27.0
FEB 26	
ALQ IP	21 59 54.4
FEB 26	
COL IP	22 05 11.2
FEB 26	
EUR IP	22 03 42.8
FEB 26	
EUR IP	22 16 34.0
FEB 26	
BMO E(P)	22 17 58.6
FEB 26	
BMO EPG	22 18 55.5
FEB 26	
BMO EP	22 29 30.7
FEB 26	
BMO EP	22 47 27.3

Date and Station	Phase (GCT)
	h m s
FEB 26	
KIP I	22 58 15.7
E	23 04 15.0
E	07 14.0
FEB 26	
ALQ IP	23 03 22.6
I	30 48.0
FEB 26	
HON E(P)	23 04 30.0
FEB 26	
BMO E(P)	23 17 47.7
FEB 26	
EUR IP	23 26 43.2
FEB 26	
EUR IP	23 28 11.8
FEB 26	
EUR IP	23 52 45.8
FEB 26	
SJG EP	24 00 10.3
IS	00 39.0
FEB 26	
ALQ IP	23 57 04.5
FEB 26	
COL EP	24 04 20.5
FEB 27	
BMO EP	00 08 20.7
FEB 27	
TUC E(P)	00 28 12.4
BCN E(P)	00 28 44.4
EL	29 40.0
FEB 27	
COL EP	00 30 15.0
E	31 47.0
FEB 27	
H-00 31 51.6	
60.8S 022.3W	
h ABOUT 33KM	
BMO EP'	00 50 57.0
FEB 27	
COL EP	00 52 04.0
FEB 27	
BMO EPG	01 08 25.4
FEB 27	
EUR E(P)	02 39 57.0
FEB 27	
H-02 49 00.0	
59.0S 025.9W	
h ABOUT 33KM	
EUR IP'	03 07 54.2
BMO EP'	03 08 01.8
NEW EP'	03 08 04.0

Date and Station	Phase (GCT)
	h m s
COL IP'	03 08 52.4
FEB 27	
EUR I(P)	03 17 46.2
FEB 27	
BMO E(P)	04 09 52.4
FEB 27	
BMO EP	04 17 33.2
COL EP	04 18 18.0
FEB 27	
H-05 39 38.6	
14.1N 091.2W	
h ABOUT 129KM	
TUC E(P)	05 44 57.0
EUR E(P)	05 46 08.5
COL EP	05 49 56.7
E▸P	50 33.7
FEB 27	
BMO EP	06 10 43.7
FEB 27	
NEW EP	06 24 46.0
FEB 27	
EUR IP	06 30 26.5
FEB 27	
ALQ E(P)	07 44 23.2
FEB 27	
BMO EP	07 45 15.5
FEB 27	
COL E(P)	09 05 22.6
FEB 27	
COL EP	09 13 06.0
FEB 27	
EUR IP	09 29 20.0
FEB 27	
COL EP	09 54 55.0
FEB 27	
BMO EP	10 04 33.9
FEB 27	
COL EP	10 45 17.5
FEB 27	
EUR EP	11 03 26.2
FEB 27	
EUR EP	11 18 13.1
FEB 27	
COL EP	11 30 26.1
FEB 27	
H-11 49 10.9	
14.3N 092.0W	
h ABOUT 33KM	
ALQ EP	11 54 28.0

Date and Station	Phase (GCT)
	h m s
TUC E(P)	11 54 33.5
COL EP	11 59 35.0
FEB 27	
TUC EP	11 52 47.6
FEB 27	
BMO EP	11 58 21.2
FEB 27	
BMO E(P)	13 15 02.6
FEB 27	
BMO IP	14 21 27.5
ES	21 30.7
FEB 27	
NEW EP	14 49 21.0
FEB 27	
BMO EP	15 10 38.4
FEB 27	
BMO EP	15 20 12.2
FEB 27	
TUC E(P)	15 35 03.6
FEB 27	
H-16 26 36.9	
30.7S 179.5E	
h ABOUT 497KM	
HHM E(P)	16 38 21.7
E	40 07.2
SLD E(P)	16 38 40.0
EUR IP C	16 38 52.9
E(▸P)	40 17.2
I	44 12.1
RCD E(P)	16 39 27.0
FEB 27	
H-16 30 17.6	
52.2N 175.1E	
h ABOUT 48KM	
COL IP	16 35 18.7
BRW IP C	16 35 19.3
NEW IP	16 38 07.1
IPP	40 02.0
BMO E(P)	16 38 27.0
BOZ EP	16 38 43.5
BCN E(P)	16 39 11.0
ALQ IP	16 39 58.0
FEB 27	
BMO EP	16 43 54.9
FEB 27	
BMO EP	17 18 33.3

Date and Station	Phase	(GCT)
		h m s
FEB 27		
H-17 55 16.1		
36.9N 106.9W		
h ABOUT 5KM		
ALQ	IP	17 55 51.2
	I	56 17.6
GCA	E(P)	17 56 17.2
	I	56 23.5
	EL	57 07.8
FEB 27		
H-18 07 51.5		
36.9N 107.0W		
h ABOUT 5KM		
ALQ	IP	18 08 27.0
	I	08 29.2
	IS	08 53.5
GCA	EP	18 08 51.2
	I	09 00.0
	IL	09 44.0
TUC	E(P)	18 09 27.0
	EL	10 42.0
BCN	E(P)	18 09 37.5
	E	09 53.1
	IL	11 13.0
EUR	(PN)	18 09 44.0
	E	49.8
	IL	11 47.9
RCD	EL	18 11 41.0
FEB 27		
BMO	EP	18 24 37.0
	E	34 24.6
FEB 27		
EUR	IP	18 27 26.6
FEB 27		
COL	EP	18 35 14.3
BRW	EP	18 35 23.5
FEB 27		
COL	EP	18 39 13.0
BRW	EP	18 39 42.6
FEB 27		
H-20 25 35.7		
5.8S 148.5E		
h ABOUT 119KM		
COL	EP C	20 37 55.0
	I▸P	38 25.0
BRW	EP	20 37 59.1
	E▸P	38 30.0
BMO	EP	20 38 54.4
EUR	E(P)	20 39 00.7
FEB 27		
H-20 43 00.3		
54.0N 164.0W		
h ABOUT 37KM		

Date and Station	Phase	(GCT)
		h m s
COL	EP	20 46 12.7
BRW	EP	20 47 06.5
NEW	IP	20 49 03.5
	E	49 22.0
	E	51 27.0
BMO	EP	20 49 17.6
HHM	E(P)	20 49 18.8
	E	51 08.0
BOZ	E(P)	20 49 43.0
EUR	IP D	20 49 54.0
	E	50 56.0
	E	54 01.0
	E	57 16.5
SLC	E(P)	20 50 01.6
BOZ	E(P)	20 50 40.5
	E	53 56.0
FEB 27		
H-20 44 59.2		
18.9N 102.6W		
h ABOUT 93KM		
TUC	EP	20 48 31.9
	E	48 43.2
ALQ	IP	20 48 47.5
	I	48 58.5
GCA	EP	20 49 23.5
	EL	55 24.0
CED	EP	20 49 28.8
BCN	IP	20 49 32.5
	EL	55 49.4
SLD	EP	20 50 10.0
BMO	EP	20 50 47.7
SJG	IP	20 51 40.5
COL	IP	20 54 20.6
	I(PCP)	55 22.5
BRW	EP	20 55 04.1
FEB 27		
BMO	EP	20 48 02.3
RCD	E(P)	20 49 52.0
FEB 27		
BMO	EP	20 53 56.8
NEW	IP	20 54 04.2
	E	54 19.0
FEB 27		
BMO	E(P)	20 54 42.2
FEB 27		
BMO	EP	20 55 36.2
FEB 27		
BMO	EP	20 55 55.4

Date and Station	Phase	(GCT)
		h m s
FEB 27		
EUR	IP	21 03 30.0
BMO	EP	21 04 24.2
FEB 27		
BMO	EP	21 48 52.6
FEB 27		
HHM	E(P)	22 05 30.0
BMO	EP	22 05 49.2
FEB 27		
NEW	IP	22 10 31.8
	IS	10 47.0
FEB 27		
COL	EP	22 19 49.0
BMO	EP	22 20 30.8
EUR	IP	22 22 16.0
FEB 27		
BMO	EP	22 31 00.7
FEB 27		
BMO	EP	22 37 59.6
FEB 27		
BMO	EP	22 57 28.9
FEB 27		
BMO	EP	23 28 53.6
FEB 27		
BMO	E(P)	23 46 56.3
FEB 27		
EUR	EP	23 57 24.8
FEB 28		
BMO	EP	00 11 52.3
FEB 28		
EUR	EP	00 27 39.7
	E	28 09.0
FEB 28		
BMO	EP	01 00 37.2
	ES	00 53.4
FEB 28		
H-02 02 13.5		
43.8N 139.6E		
h ABOUT 224KM		
COL	IP D	02 10 02.5
	I▸P	10 50.7
	E	12 58.3
BRW	IP D	02 09 33.2
NEW	IP	02 12 39.5
	I	13 06.0
HHM	IP C	02 12 49.0
BMO	EP	02 12 53.3

Date and Station	Phase	(GCT)
		h m s
BOZ	IP	02 13 08.9
	E	13 17.0
SLD	IP	02 13 10.7
	I▸P	14 03.9
EUR	IP C	02 13 19.5
	I	13 29.0
	I▸P	14 12.3
	E	15 19.5
SLC	EP	02 13 27.0
FGU	I(P)	02 13 34.3
CED	IP C	02 13 34.8
	E▸P	14 28.3
BCN	IP C	02 13 37.2
	I▸P	14 31.3
RCD	IP	02 13 38.5
	E	13 47.0
GCA	EP	02 13 42.0
TUC	IP C	02 14 04.0
	E▸P	14 58.4
	EPP	17 17.7
ALQ	IP	02 14 07.2
FEB 28		
BMO	EP	02 10 29.4
BRW	E(P)	02 15 24.1
FEB 28		
EUR	IP	02 41 58.5
FEB 28		
ALQ	EP	03 02 19.0
FEB 28		
NEW	EP	03 55 15.0
HHM	E(P)	03 55 24.0
BMO	EP	03 55 26.8
FEB 28		
BMO	E(P)	04 40 45.3
FEB 28		
BMO	EP	06 33 46.5
FEB 28		
NEW	EP	06 36 42.0
	I	42 00.0
FEB 28		
BMO	EP	06 42 59.9
FEB 28		
COL	E(P)	06 45 18.2
FEB 28		
BMO	EP	06 59 24.0
FEB 28		
H-07 39 52.4		
32.1N 130.3E		
h ABOUT 180KM		

Date and Station	Phase (GCT)
	h m s
BMO EP	07 51 52.8
EUR E(P)	07 52 13.5
FEB 28	
BMO EP	08 45 37.9
FEB 28	
BMO EP	08 54 25.4
FEB 28	
TUC (P)	10 49 03.9
BCN E(P)	10 50 01.5
EL	51 42.5
EUR E(P)	10 50 27.0
FEB 28	
BMO EP	11 09 46.2
FEB 28	
BMO EP	12 13 58.9
FEB 28	
BMO E(P)	12 33 16.6
FEB 28	
BMO EP	12 44 42.0
FEB 28	
BMO E(P)	13 23 43.0
FEB 28	
H-13 35 40.1	
29.3N 130.1E	
h ABOUT 37KM	
GUA EP	13 40 17.0
E(S)	44 11.0
COL EP	13 45 48.2
NEW IP	13 47 57.7
I	48 12.0
HHM IP D	13 48 08.3
BMO EP	13 48 08.7
SLD EP	13 48 19.0
BOZ EP	13 48 22.5
EUR IP D	13 48 28.9
I	48 43.0
I	48 59.2
EPP	52 05.0
BCN EP	13 48 39.8
FGU EP	13 48 42.5
TUC EP	13 49 04.5
ALQ IP	13 49 09.4
FEB 28	
BMO EP	13 36 58.5
FEB 28	
BRW E(P)	13 59 41.1
TUC (P)	14 03 41.7

Date and Station	Phase (GCT)
	h m s
FEB 28	
COL EP	14 51 11.0
BMO EP	14 54 17.4
EUR IP	14 55 02.9
FEB 28	
EUR IP	15 55 02.9
FEB 28	
BMO EP	16 00 05.1
FEB 28	
BMO EP	16 42 30.4
FEB 28	
EUR E(P)	17 44 18.8
ALQ IP	17 45 47.0
FEB 28	
BMO EP	18 04 12.4
FEB 28	
H-18 04 14.2	
51.8N 175.5E	
h ABOUT 33KM	
COL EP	18 09 16.0
BMO E(P)	18 12 19.9
EUR EP	18 12 49.2
FEB 28	
BMO EP	18 04 18.0
FEB 28	
BMO E(P)	18 05 05.4
FEB 28	
EUR E(P)	18 06 45.0
FEB 28	
COL EP	18 20 23.0
FEB 28	
FGU EP	18 20 37.0
BMO E(P)	18 22 55.6
E	23 29.8
FEB 28	
ALQ IP	18 29 38.6
I	30 28.6
FEB 28	
BMO EP	18 32 08.5
FEB 28	
H-18 41 21.5	
56.6N 152.9W	
h ABOUT 33KM	
COL E(P)	18 43 27.0
FEB 28	
BMO E(P)	18 41 23.2
EUR E(P)	18 41 54.6

Date and Station	Phase (GCT)
	h m s
FEB 28	
H-19 02 26.3	
09.2N 126.4E	
h ABOUT 58KM	
COL E(P)	19 14 31.0
FEB 28	
EUR IP	19 06 54.8
COL E(P)	19 07 04.0
FEB 28	
BMO EP	19 09 53.4
EUR EP	19 10 20.5
FEB 28	
EUR IP	19 12 49.2
FEB 28	
COL EP	19 49 21.0
FEB 28	
EUR E(P)	19 58 21.2
FEB 28	
ALQ EP	20 32 46.0
FEB 28	
COL IP	20 54 59.0
FEB 28	
EUR IP	20 58 21.2
FEB 28	
FGU EP	21 07 39.5
FEB 28	
EUR E(P)	21 28 53.0
FEB 28	
H-21 38 52.4	
26.0S 070.4W	
h ABOUT 67KM	
SJG EP D	21 46 53.0
I▸P	47 09.6
ALQ IP	21 49 56.0
I	50 15.6
TUC IP D	21 49 57.0
EPCP	50 22.2
BCN IP C	21 50 27.0
CED EP D	21 50 27.7
FGU IP C	21 50 33.5
I	50 51.9
SLC EP	21 50 38.8
E	50 56.2
EUR IP D	21 50 44.8
I	51 09.1
E	52 29.7
E(S)	58 10.2
EP'P'	22 17 49.0
SLD IP D	21 50 51.2

Date and Station	Phase (GCT)
	h m s
BOZ IP	21 50 59.5
I▸P	51 18.5
BMO EP	21 51 09.3
HHM IP D	21 51 16.0
I▸P	51 34.0
NEW IP	21 51 20.9
I▸P	51 40.0
GUA IP'	21 58 23.0
FEB 28	
ALQ IP	21 39 26.0
FEB 28	
ALQ IP	22 18 00.8
FEB 28	
BMO E(P)	22 22 36.0
FEB 28	
EUR IP	22 28 53.0
FEB 28	
EUR IP	22 50 44.9
FEB 28	
BMO EP	23 31 53.4
FEB 28	
BMO EP	23 37 18.2
FEB 28	
NEW IP	23 39 25.5
IS	39 51.0
FEB 28	
BMO EP	23 50 57.4
E(S)	51 22.6
NEW EP	23 50 58.0
ES	51 23.0
FEB 28	
BMO E(P)	23 51 08.5