USCGS
.40

SEISMOLOGICAL BULLETIN

February, 1960

MSI - 230

COAST & GEODETIC SURVEY
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FEB 27 1961
ACC. NO.

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U. S. DEPARTMENT OF COMMERCE

Frederick H. Mueller, Secretary

COAST AND GEODETIC SURVEY—WASHINGTON

H. Arnold Karo, Director

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National Oceanic and Atmospheric Administration

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March 4, 2011

1960

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

**Balboa Heights, C. Z. (BH)
The Panama Canal Co.
*Boulder City, Nev. (BC)
Bureau of Reclamation
*Bozeman, Mont. (BOZ)
Montana State College
*Butte, Mont. (BUT)
Montana School of Mines
*Chicago, Ill. (CHI)
University of Chicago and
U. S. Weather Bureau
College, Alaska (COL)
*Columbia, S. C. (COLU)
University of South Carolina
*Eureka, Nev. (EUR)
Eureka Corporation Limited
Guam, M. I. (GUAM)
Honolulu, T. H. (HONO)
*Hungry Horse, Mont. (HH)
Bureau of Reclamation
Kipapa, T. H. (KIP)
*Lincoln, Nebr. (LIN)
Nebraska Wesleyan University
**Philadelphia, Pa. (PHIL)
The Franklin Institute
**Rapid City, S. D. (RC)
South Dakota State School of Mines
*Salt Lake City, Utah (SLC)
University of Utah
San Juan, Puerto Rico (SJ)
Sitka, Alaska (SIT)
*Thule, Greenland (THULE)
U. S. Army Ionosphere Station
Tucson, Ariz. (TUC)
Tucson, Ariz. Telemeter (TUC-T)
Ukiah, Calif. (UK)
International Latitude Observatory
Washington, D. C. (WASH)

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

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the data from the horizontal components of the seismographs at all stations except College, Honolulu, and Tucson will not be published for earthquakes occurring outside the United States.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

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

One asterisk (*) following an origin time indicates probable error of one-tenth minute. Two asterisks (**) following an origin time indicates error of one-quarter minute. All origin times and location are determined from P data only. For Pasadena epicenters the time is given in one-tenth minute.

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

Date 1960	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Feb.	h m s	°	°	
1	02 08 37*	43 N.	132 W.	Pacific Ocean, off coast of Oregon.
1	02 41 37*	35 N.	140½ E.	Near east coast of Honshu, Japan. Felt at Tokyo.
1	11 59 39*	35½ N.	23 E.	Near west coast of Crete.
1	13 56 08*	50½ N.	160 E.	Off east coast of Kamchatka.
2	06 29 52*	33½ S.	179 W.	Kermadec Islands region.
2	08 10 45*	39 N.	140 E.	Near west coast of Honshu, Japan.
2	09 13 09*	28½ S.	71 W.	Chile. Felt at Vallenar and Copiapo. h about 150 km.
2	12 32 31*	66½ N.	31 E.	Karelia, U. S. S. R.
2	23 40 01*	2 N.	126 E.	Molucca Passage.
2	23 51 53*	33½ N.	104½ E.	Kansu Province, China.
3	02 20 55*	37 S.	179 E.	Off coast of North Island, New Zealand.
3	11 29 55*	24 N.	108½ W.	Gulf of California.
3	11 50 48*	5 S.	153 E.	New Britain region. Felt at Gavin, Rabaul, and Rangarere.
3	12 48 53*	43 N.	138½ E.	Off west coast of Hokkaido, Japan.
3	13 28 29*	7 S.	154½ E.	Solomon Islands. Depth slightly greater than normal.
3	14 28 39*	19 S.	173½ W.	Tonga Islands.
3	17 53 03*	19½ S.	169½ E.	New Hebrides Islands.
4	03 46 44*	4½ S.	153½ E.	New Ireland region. Felt. h about 150 km. Mag. 6 1/2 - 6 3/4
4	07 07 20*	28½ N.	52½ E.	Southern Iran.
4	09 27 23*	5 S.	154 E.	New Ireland region. Felt at Fead Island, Namatanai, and Rabaul. h about 100 km.
4	10 20 39*	35½ N.	78 E.	Northern India. h about 100 km.
4	11 01 28*	4½ S.	153½ E.	New Ireland region. Felt at Namatanai and Rabaul. h about 100 km.
4	16 50 26*	38½ N.	143 E.	Off east coast of Honshu, Japan. Felt at Tokyo.
4	20 38 20*	18½ S.	178 W.	Fiji Islands. h about 600 km.
4	20 57 55*	39½ N.	142½ E.	Near east coast of Honshu, Japan.
5	02 02 14*	37 S.	95½ W.	South Pacific Ocean.
5	05 39 46*	4½ S.	153½ E.	New Ireland region. Felt at Rabaul.
5	08 43 36*	32½ N.	131½ E.	Near coast of Kyushu, Japan.
5	22 57 51*	52 N.	169½ W.	Fox Islands, Aleutian Islands.
6	17 01 18*	31½ N.	91 E.	Tibet.
6	17 10 45*	6 S.	104 E.	Near coast of Sumatra. Felt in southern Sumatra.
7	03 22 16**			Near coast of Mexico.
7	04 24 50*	7½ N.	71½ W.	Venezuela.
7	10 00 34*	17 N.	145 E.	Mariana Islands.
7	10 07 50*	5 N.	123 E.	Celebes Sea. h about 600 km.
7	11 16 54*	15½ S.	173 W.	Samoa Islands region. Felt at Apia.
7	22 33 46*	6 S.	148½ E.	New Britain.
8	03 37 20*	58½ N.	152 W.	Kodiak Island, Alaska.

Date 1960	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Feb.	h m s	°	°	
8	04 05 30**			Solomon Islands.
8	09 19 45*	5 S.	155 E.	Solomon Islands. Felt at Rabaul. h about 100 km.
8	12 45 34*	58 S.	67 W.	Drake Passage. Mag. 6 3/4.
8	14 11 16**			Solomon Islands.
8	17 41 40*	3 S.	102½ E.	Sumatra.
8	18 54 23*	36½ N.	70½ E.	Afghanistan. h about 150 km.
8	19 06 16*	8½ S.	74½ W.	Peru. h about 200 km.
9	01 54 05*	6½ S.	129½ E.	Banda Sea.
9	02 59 42*	5 S.	155 E.	Solomon Islands.
9	10 09 23**			Sakhalin.
9	11 56 12*	4 S.	128 E.	Banda Sea.
9	16 34 45*	6 S.	147 E.	Near north coast of New Guinea. Felt on Lae.
9	23 55 49*	4 S.	128 E.	Ceram. Mag. 6 1/2 - 6 3/4. Slight damage in Ambon.
10	01 15 44*	3½ S.	128 E.	Ceram.
10	01 59 05*	3½ S.	128 E.	do.
10	06 04 35**			Gulf of California.
10	15 44 54*	4½ S.	154½ E.	Solomon Islands region. Felt at Rabaul. h about 100 km.
10	21 50 45*	3½ S.	151½ E.	Bismarck Sea. Felt at Rabaul.
10	22 52 54*	7 N.	73 W.	Colombia. h about 200 km.
10	23 19 55*	15½ S.	173 W.	Samoa Islands region.
11	03 59 24*	24 S.	180	South of Fiji Islands. h about 500 km.
11	04 27 22*	14 S.	170½ E.	New Hebrides region. h about 450 km.
11	08 28 58*	6 S.	155 E.	Solomon Islands. Felt at Rabaul. h about 100 km.
11	10 35 39**			Solomon Islands. Felt at Rabaul.
11	12 53 59*	34 S.	70½ W.	Chile. h about 100 km. Felt at Santiago.
11	20 56 08*	11½ S.	166½ E.	Santa Cruz Islands.
12	01 29 42*	4½ S.	153½ E.	New Ireland.
13	00 28 24*	19 N.	101½ W.	Mexico. h about 100 km.
13	08 55 30*	27½ N.	31½ W.	Canary Islands.
13	09 36 46*	52½ N.	169 W.	Fox Islands, Aleutian Islands.
13	15 41 04*	1½ N.	127½ E.	Halmahera.
13	17 13 22*	14½ N.	97½ W.	Off coast of Oaxaca, Mexico.
13	20 40 06*	17½ S.	70 W.	Peru. h about 150 km.
14	05 21 13**			La Rioja Province, Argentina.
14	12 51 15**			Andaman Islands.
14	12 53 08*	23½ S.	179 E.	South of Fiji Islands. h about 500 km.
14	15 39 43*	29 S.	177 W.	Kermadec Islands.
14	18 20 46*	6 S.	75½ W.	Northern Peru. h about 150 km.
14	18 50 27**			Solomon Islands region.

Date 1960	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Feb.	h m s	°	°	
14	19 28 59**			Indian Ocean, about 800 miles southeast of Mascarene Islands.
14	20 30 44*	5 S.	154½ E.	Solomon Islands.
14	21 04 36*	18½ N.	145½ E.	Mariana Islands. h about 200 km.
14	22 17 54*	52 N.	171½ W.	Fox Islands, Aleutian Islands.
15	05 16 45*	18 S.	177½ W.	Fiji Islands. h about 350 km.
15	07 36 08*	12 N.	87 W.	Near coast of Nicaragua.
15	22 18 27*	29½ S.	176½ W.	Kermadec Islands.
16	01 09 29*	29½ S.	176½ W.	Kermadec Islands.
16	05 00 14*	18½ N.	146 E.	Mariana Islands.
16	05 21 52*	32½ S.	179½ W.	Kermadec Islands region.
16	10 35 22*	6½ S.	154½ E.	Solomon Islands.
16	13 14 31*	22 N.	45½ W.	Atlantic Ocean.
16	15 06 14*	36 N.	141½ E.	Off east coast of Honshu, Japan.
17	00 01 28*	10½ S.	175 W.	Tonga Islands.
17	08 05 30*	37 N.	71½ E.	Hindu Kush. Felt in northern Pakistan. h about 250 km.
17	10 00 25*	28½ S.	177 W.	Kermadec Islands.
17	12 32 10*	30 S.	112½ W.	Easter Island region. Mag. 6 1/2.
17	16 27 40*	43½ N.	145½ E.	Near east coast of Hokkaido, Japan.
17	16 49 42*	5 S.	142½ E.	New Guinea.
17	16 52 35*	45 N.	111 W.	Hebgen Lake, Montana.
18	01 59 23*	35½ N.	78 E.	Hindu Kush. h about 150 km.
18	19 21 49*	52½ N.	159 E.	Near east coast of Kamchatka.
18	20 32 39*	29½ N.	97 E.	China, Burma, India border.
18	21 35 11*	52½ N.	160 E.	Near east coast of Kamchatka.
18	22 26 10*	52 N.	170 W.	Fox Islands, Aleutian Islands.
19	01 02 04*	14½ N.	98½ W.	El Salvador - Honduras border. Felt in southwestern El Salvador.
19	05 09 23*	60½ N.	151 W.	Kenai Peninsula. Felt at Anchorage.
19	10 36 46*	36 N.	70½ E.	Hindu Kush. Felt in Kashmir Valley, Rawalpindi, Pakistan. h about 200 km.
20	06 05 28*	17½ S.	177½ W.	Fiji Islands region. h about 200 km.
20	14 27 10*	52 N.	159 E.	Near east coast of Kamchatka.
20	20 02 13*	52½ N.	158 E.	Kamchatka.
21	00 46 56*	42 S.	173 E.	New Zealand. h about 60 km.
21	02 15 34*	14½ N.	92 W.	Mexico - Guatemala border. h about 150 km.
21	08 13 31*	36 N.	4½ E.	Northern Algeria. 47 killed, 21 injured and 500 homes destroyed at Beni - Ilman and Melouza.
21	09 29 15*	38 N.	42 E.	Turkey.
21	09 39 26*	20 S.	178½ W.	Fiji Islands. h about 600 km.
21	17 21 59*	52 N.	175 W.	Andreanof Islands, Aleutian Islands.
21	22 43 11*	2½ N.	128½ E.	Halmahera.

Date 1960	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Feb.	h m s	°	°	
21	23 25 43*	40½ N.	72 E.	Kirghiz S. S. R.
22	00 54 30*	20 S.	178½ W.	Fiji Islands. h about 600 km.
22	05 17 18*	71½ N.	2½ E.	Jan Mayen Island region.
22	05 28 19*	51½ N.	175 W.	Andreanof Islands, Aleutian Islands.
22	08 34 11*	18 S.	179½ W.	Fiji Islands. h about 600 km.
22	21 04 09*	39 N.	21 E.	Greece. Felt in northeastern Greece.
23	00 30 58*	39 N.	20½ E.	do.
23	02 09 42*	36 N.	70 E.	Afghanistan. h about 200 km.
23	07 34 30*	39 N.	20 E.	Greece, 25 houses destroyed and 37 damaged in the region of Preveza. Felt over an areaof 60,000 km^2.
23	07 47 51*	39 N.	20½ E.	Greece.
23	08 10 28*	23½ N.	121½ E.	Formosa.
23	09 23 37*	34½ N.	139½ E.	Near south coast of Honshu, Japan. h about 100 km.
23	11 31 04*	19 S.	178 W.	Fiji Islands. h about 500 km.
23	16 04 50*	6 S.	154½ E.	Solomon Islands. Felt at Londolovit and Rabaul. Mag. 6 - 6 1/4.
24	00 03 00*	21½ N.	142 E.	Mariana Islands region. h about 300 km.
24	08 41 00*	17½ S.	168 E.	New Hebrides Islands.
24	18 55 20*	38 N.	41 E.	Turkey.
24	21 37 04*	7½ S.	156 E.	Solomon Islands. Felt at Buin, Kieta, Numa, and Rabaul. Mag. 6 1/2 - 6 3/4.
25	12 45 44*	11 N.	124 E.	Cebu, Philippine Islands. Felt at Cebu City, Catbalogan, Boronoan.
25	20 56 05*	7 S.	154 E.	Solomon Islands. h about 300 km.
26	01 06 23*	2½ S.	128 E.	Ceram Sea.
26	02 08 31*	1 S.	138 E.	New Guinea.
26	06 32 36*	20 S.	174 W.	Tonga Islands.
26	15 14 06**			Central Alaska.
26	21 29 20*	17½ N.	93½ W.	Chiapas, Mexico. h about 150 km.
26	23 29 25*	51½ N.	178 W.	Andreanof Islands, Aleutian Islands. Mag. 6 - 6 1/4.
27	00 07 10*	51½ N.	178 W.	Andreanof Islands, Aleutian Islands.
27	08 10 03*	51½ N.	178 W.	do.
27	08 56 00*	30½ S.	179½ W.	Kermadec Islands.
27	09 05 25*	6½ S.	102½ E.	Off south coast of Sumatra.
27	13 57 56*	7 S.	156½ E.	Solomon Islands. h about 150 km.
27	14 23 29*	7 S.	156 E.	do.
27	14 56 22*	7 S.	156 E.	do.
27	23 05 49*	2 N.	123 E.	Celebes Sea.
28	07 26 37*	69½ N.	10 E.	Off north coast of Norway.
28	09 34 12*	44½ N.	147½ E.	Kurile Islands.
28	23 05 39*	3 S.	142 E.	New Guinea. Felt at Aitape and Lumi.
28	23 52 27*	3 S.	142½ E.	Near north coast of New Guinea.

Date 1960	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Feb.	h m s	°	°	
29	02 12 04*	7½ N.	80 W.	Near south coast of Panama. Felt at Balboa Heights.
29	05 22 53*	14 N.	120 E.	Near southwest coast of Luzon, P. I. Felt on Luzon.
29	08 34 30*	23½ N.	94½ E.	Western Burma.
29	23 40 12*	30 N.	9 W.	Morocco. 10,000 dead, 25,000 injured. Major property damage at Agadir. Mag. 6.4.

Date and Station		Phase	(GCT) h m s
Feb. 1			
BOZ		eP	02 12 21
BUT		eP	02 12 09
COL		iP	02 13 51
EUR		iP	02 11 45
HH		iP	02 12 01
RC		eP	02 13 28
SJ		eP	02 18 48
SIT		eP	02 12 07
THULE		eP	02 16 37
		ePP	18 13
TUC		iP	02 13 15
		eL	02 17 15
TUC-T		iP	02 13 16
		eL	17 15
Feb. 1			
COL		eP	02 50 42
EUR		iP	02 53 37
HON		e(P)	02 46 07
HH		iP	02 53 15
KIP		eP	02 45 50
RC		eP	02 54 01
		e	54 19
THULE		eP	02 52 28
TUC-T		eP	02 54 18
		e	54 37
Feb. 1			
COL		i(P)	07 52 20
Feb. 1			
EUR		eP	08 49 20
HH		e(P)	08 50 51
TUC-T		eP	08 47 24
		eL	49 53
Feb. 1			
THULE		eP	09 25 46
Feb. 1			
EUR		eP	10 28 24
HH		eP	10 28 13
Feb. 1			
BOZ		eP	12 12 39
BUT		eP	12 12 40
COL		iP	12 11 50
HH		iP	12 12 34
RC		eP	12 12 29
THULE		iP	12 09 23
Feb. 1			
COL		iP	14 02 23
		i	02 48
EUR		iP	14 06 03
HH		iP	14 05 28
RC		iP	14 06 28
SLC		eP	14 06 12
THULE		eP	14 04 59
		iP	05 02
		iPcP	05 48
TUC		iP	14 06 55
TUC-T		iP	14 06 55
		e	07 14
Feb. 2			
THULE		eP	04 17 33
Feb. 2			
COL		eP	06 43 45
EUR		iP	06 43 13
KIP		eP	06 39 50
THULE		e(P')	06 48 58
TUC		iP	06 43 06
		i	43 19
TUC-T		iP	06 43 06
		i	43 21
Feb. 2			
COL		iP	08 19 28
EUR		iP	08 22 46
RC		eP	08 22 53
THULE		eP	08 21 19
Feb. 2			
EUR		eP	09 25 09
RC		iP	09 24 58
		e	25 06
TUC-T		eP	09 24 19
		e	24 26
Feb. 2			
THULE		eP	09 26 26
Feb. 2			
EUR		eP	09 54 27
RC		eP	09 56 05
TUC-T		eP	09 56 10
Feb. 2			
EUR		eP	11 34 45
Feb. 2			
RC		e(P)	20 34 52
		e	36 18
Feb. 2			
COL		eP	23 52 55
Feb. 3			
COL		iP	00 02 49
THULE		eP	00 03 08
Feb. 3			
COL		e(P)	02 35 17
		ePP	39 23
KIP		eP	02 31 38
RC		eP'	02 39 47
		ePP	40 16
SJ		eP'	02 39 58
THULE		eP'	02 40 00
		iP'	40 10
		ePKS	43 25
TUC		eP	02 34 33
TUC-T		eP	02 34 38
Feb. 3			
BUT		eP	04 20 54
BOZ		eP	04 21 10
COL		eP	04 23 37
RC		eP	04 22 26
TUC		eP	04 22 24
TUC-T		iP	04 22 24
Feb. 3			
BC		iP	08 38 22
TUC		iP	08 38 27
		i	38 38
		e(S)	39 14
		eL	08 39 18
TUC-T		iP	08 38 28
		i	38 49
		iL	39 44
Feb. 3			
BC		eP	11 32 05
BOZ		eP	11 34 50
BUT		eP	11 34 54
COL		eP	11 38 37
HH		e(P)	11 35 19
RC		iP	11 34 37
		iL	42 43
SLC		eP	11 33 55
THULE		eP	11 39 41
TUC		iP	11 31 59
		eS	33 37
		iL	33 46
TUC-T		eP	11 31 58
		iP	32 01
		eL	33 49
Feb. 3			
COL		iP	12 03 11
GUAM		eP	11 55 27
Feb. 3			
COLU		eP	12 35 30
TUC-T		eP	12 41 38
Feb. 3			
COL		iP	12 57 15
RC		iP	13 00 50
THULE		iP	12 59 00
Feb. 3			
BUT		eP	13 18 14
TUC-T		eP	13 19 21
Feb. 3			
COL		iP	13 40 58
		ipP	41 13
Feb. 3			
TUC		e(P)	13 43 05
Feb. 3			
RC		eP	14 40 40
BOZ		eP	14 41 21
BUT		eP	14 41 17
COL		iP	14 41 22
		i	41 32
HH		e(P)	14 41 21
TUC		eP	14 40 43
TUC-T		iP	14 40 45
Feb. 3			
RC		e(P)	14 51 11
TUC-T		eP	14 50 27

Date and Station		Phase (GCT)
		h m s
Feb. 3		
COL	e(P)	15 28 20
RC	eP	15 27 24
TUC-T	iP	15 27 22
Feb. 3		
COL	eP	18 06 09
EUR	eP	18 06 14
Feb. 4		
COL	iP	00 48 03
EUR	eP	00 48 58
Feb. 4		
BH	eP'	04 05 55
BC	eP	03 59 50
	e	04 00 13
BOZ	eP	04 00 07
BUT	eP	04 00 14
COL	iP	03 58 48
	i	59 05
	eS	04 08 28
	eSS	14 12
	eL	20 18
	eP'P'	26 16
COLU	eP'	04 05 37
EUR	eP	03 59 51
	ipP	04 00 31
KIP	iP	03 56 00
	iPcP	56 48
	eT	04 54 08
HONO	eP	03 55 58
	epP	56 22
	eScP	04 01 05
	iS	03 32
	iL	06 02
HH	iP	03 59 55
	ipP	04 00 33
	ePP	04 04 13
	eSP	12 36
	iPKKP	16 50
	eP'P'	25 20
GUAM	iP	03 51 12
	ipP	51 27
	iPP	51 51
RC	eP	04 01 00
	iP	01 09
	eP'	05 28
	e(PKKP)	16 30
	iPKKP	17 01
	eP'P'	25 35
SLC	eP	04 00 18
	epP	01 00

Date and Station		Phase (GCT)
		h m s
SJ	eP'	04 05 57
	ePKS	10 03
	eSKKP	18 14
SIT	e(P)	03 59 03
	epP	59 44
THULE	eP	04 00 36
	ipP	01 21
	ePP	05 05
	ePKKP	16 41
	eP'P'	25 29
TUC	e(P)	04 00 24
	iP	00 43
	ePP	04 38
	ePKKP	17 20
	eP'P'	25 33
TUC-T	eP	04 00 24
	iPP	04 28
	iP'P'	25 33
Feb. 4.		
THULE	iP	04 17 15
Feb. 4		
BUT	eP	07 04 44
HH	iP	07 04 35
RC	iP	07 05 17
SLC	eP	07 04 58
THULE	i(P)	07 04 24
TUC-T	eP	07 05 19
Feb. 4		
COL	iP	07 20 04
THULE	iP	07 18 31
Feb. 4		
COL	iP	09 39 35
	ipP	40 08
	eS	49 40
	eL	10 01 03
GUAM	eP	09 32 04
EUR	eP	09 40 43
HH	e(P)	09 40 46
	epP	41 21
Feb. 4		
COL	iP	10 32 09
	ipP	32 34
THULE	iP	10 31 22
	ipP	31 47
Feb. 4		
COL	iP	11 13 37
	epP	14 00

Date and Station		Phase (GCT)
		h m s
Feb. 4		
EUR	iP	15 17 22
HH	iP	15 17 11
THULE	iP	15 16 59
TUC-T	eP	15 17 55
Feb. 4		
COL	eP	16 12 16
HH	eP	16 14 29
Feb. 4		
BC	eP	17 02 21
BUT	eP	17 01 59
COL	eP	16 59 01
	iS	17 05 52
	eSS	09 34
	eL	11 34
EUR	iP	17 02 06
GUAM	eP	16 56 07
HH	iP	17 01 41
	eP'P'	29 46
RC	iP	17 02 31
	i	02 38
SLC	eP	17 02 21
THULE	iP	17 00 58
	eP'P'	29 56
TUC	e(P)	17 02 54
TUC-T	eP	17 02 50
	i	02 55
Feb. 4		
HH	eP	17 15 56
Feb. 4		
BOZ	eP	20 50 13
COL	iP	20 50 03
	epP	52 10
EUR	iP	20 49 43
HH	iP	20 50 10
THULE	eP'	20 55 52
TUC-T	iP	20 49 43
	epP	51 39
Feb. 4		
BC	eP	21 09 47
BOZ	eP	21 09 26
BUT	eP	21 09 20
COL	eP	21 06 27

Date and Station		Phase (GCT)
		h m s
EUR	iP	21 09 31
HH	iP	21 09 06
RC	iP	21 09 57
THULE	iP	21 08 22
TUC-T	iP	21 10 15
Feb. 4		
COL	eP	22 23 53
Feb. 4		
HH	e(P)	23 04 10
Feb. 4		
HH	e(P)	23 54 04
Feb. 5		
EUR	iP	01 19 22
RC	eP	01 19 45
TUC-T	iP	01 19 34
Feb. 5		
BOZ	eP	01 24 43
BUT	eP	01 24 44
EUR	iP	01 24 16
HH	eP	01 25 05
RC	iP	01 24 30
TUC	iP	01 23 29
TUC-T	iP	01 23 29
Feb. 5.		
COL	eP	01 41 05
HH	eP	01 43 20
Feb. 5		
BC	eP	02 13 58
BOZ	eP	02 14 47
BUT	eP	02 14 49
EUR	iP	02 14 19
HH	iP	02 15 02
RC	iP	02 14 34
SLC	eP	02 14 20
SJ	iP	02 12 32
	i	12 38
TUC	eP	02 13 31
TUC-T	eP	02 13 31
	i	13 33

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Date and Station		Phase (GCT) h m s
Feb. 5		
COL	iP	05 52 06
EUR	iP	05 53 06
HH	eP	05 53 11
Feb. 5		
HH	eP	08 10 42
Feb. 5		
COL	e(P)	08 37 28
Feb. 5		
COL	eP	08 53 26
EUR	iP	08 56 13
HH	iP	08 55 51
	i	56 01
RC	eP	08 57 43
THULE	eP	08 54 53
TUC-T	eP	08 56 49
	e	57 01
Feb. 5		
HH	e(P)	12 22 15
Feb. 5		
BOZ	eP	13 40 42
Feb. 5		
COL	e(P)	20 07 45
EUR	eP	20 08 40
Feb. 5		
COL	eP	22 01 50
EUR	eP	22 05 17
HH	eP	22 04 45
	ePcP	07 18
TUC-T	eP	22 06 14
	e	06 23
Feb. 6		
COL	eP	01 32 18
EUR	eP	01 33 45
Feb. 6		
COL	eP	02 12 29
EUR	iP	02 11 55
HH	eP	02 12 28
TUC	eP	02 11 52
TUC-T	eP	02 11 53
Feb. 6		
EUR	eP	09 42 36

Date and Station		Phase (GCT) h m s
Feb. 6		
COL	eP	11 47 57
	e	48 23
Feb. 6		
COL	iP	17 12 54
HH	e(P)	17 14 55
THULE	eP	17 12 40
Feb. 6		
COL	e(P)	17 16 36
Feb. 6		
BC	ePP	17 33 18
BOZ	eP'	17 29 59
COL	e(P')	17 28 46
COLU	eP'	17 30 43
EUR	iP'	17 30 01
	iPP	33 20
HH	iP'	17 29 53
RC	ePP	17 33 33
	eSKP	33 59
TUC	e(P')	17 30 16
	ePP	33 44
TUC-T	eP'	17 30 05
	e	30 15
	iPP	33 44
	iSKP	34 08
Feb. 6		
EUR	iP	18 35 59
Feb. 6		
SLC	eP	23 26 06
Feb. 7		
COL	eP	02 51 45
Feb. 7		
EUR	eP	03 27 17
TUC	e(P)	03 25 46
	eL	29 55
TUC-T	eP	03 25 46
	eL	03 30 11
Feb. 7		
BUT	iP	03 54 51
	eL	55 28
Feb. 7		
EUR	eP	04 30 44
Feb. 7		
BH	eP	04 26 47
	eS	28 10
BC	eP	04 33 36

Date and Station		Phase (GCT) h m s
BOZ	eP	04 33 57
BUT	eP	04 34 02
COL	eP	04 36 49
EUR	iP	04 33 54
HH	eP	04 34 21
RC	iP	04 33 15
	i	33 18
SLC	eP	04 33 43
SJ	eP	04 27 52
	e	28 06
	eS	30 10
THULE	eP	04 36 02
TUC	iP	04 33 00
	i	33 23
TUC-T	iP	04 33 03
Feb. 7		
EUR	eP	04 53 44
RC	eP	04 53 04
	e	53 08
SJ	e(P)	04 47 49
Feb. 7		
COLU	eP	08 41 54
Feb. 7		
EUR	iP	09 03 13
RC	eP	09 04 54
Feb. 7		
BUT	eP	10 13 38
COL	eP	10 11 20
EUR	iP	10 13 41
Feb. 7		
BOZ	eP'	10 25 24
BC	eP'	10 25 28
COL	iP	10 19 32
	ipP	21 50
	eS	29 16
COLU	epP'	10 28 45
EUR	iP	10 21 27
	iP'	25 22
	iPP	26 06
	ipPP	28 01
	esPS	39 02
GUAM	iP	10 12 23
HONO	iP	10 18 58

Date and Station		Phase (GCT) h m s
KIP	iP	10 18 59
RC	iP'	10 25 33
	ePP	26 48
	ipP'	27 12
SJ	iP'	10 27 13
	epP'	29 24
TUC	eP'	10 25 36
	ePP	27 05
	epP'	28 14
TUC-T	iP'	10 25 36
	iPP	27 05
	ipP'	28 14
Feb. 7		
COL	e(P)	10 28 00
Feb. 7		
COL	e(P)	10 47 54
Feb. 7		
BC	eP	11 28 41
BOZ	eP	11 29 24
BUT	eP	11 29 18
COL	iP	11 29 20
EUR	iP	11 28 47
KIP	eP	11 24 31
RC	eP	11 29 59
SLC	eP	11 29 07
TUC	eP	11 28 47
TUC-T	iP	11 28 48
Feb. 7		
TUC	eP	13 14 19
TUC-T	iP	13 14 19
Feb. 7		
HONO	eP	16 10 00
	eS	10 32
	eL	10 38
KIP	eP	16 10 00
	e(S)	10 25
	eL	10 35
Feb. 7		
COL	eP	19 23 48
Feb. 7		
COL	eP	22 46 20
EUR	eP	22 47 24

Date and Station		Phase (GCT)
		h m s
Feb. 7		
COL	iP	22 56 00
	iL	56 40
Feb. 8		
EUR	eP	02 27 29
Feb. 8		
RC	eP	02 39 02
Feb. 8		
BUT	eP	03 43 01
COL	iP	03 39 02
	iS	40 15
	iL	40 33
EUR	eP	03 43 29
RC	eP	03 43 57
SJ	eP	03 48 47
THULE	eP	03 43 55
Feb. 8		
COL	eP	03 56 41
Feb. 8		
COL	eP	04 17 49
Feb. 8		
COL	iP	09 31 58
	ipP	32 25
EUR	eP	09 32 57
Feb. 8		
COL	eP	10 41 05
	e	42 12
EUR	eP	10 42 26
	i	44 02
Feb. 8		
BH	iP	12 56 35D
	iS	13 05 37
BC	e(P)	12 59 33
BOZ	e(P)	13 02 56
BUT	e(P)	13 02 08
COL	eP'	13 04 49
	i	04 59
COLU	eP	12 58 48C
	eS	13 09 09
EUR	eP	12 59 49D
	iP'	13 04 11
HI	ePP	13 05 05
RC	e(P)	13 00 07
	iP'	04 15
SLC	e(P)	13 03 09
THULE	eP'	13 04 52
	iP'	04 55
	ePP	07 16
	eSKP	08 57
	eSKKP	17 11
TUC	eP	12 59 12C
	ePP	13 03 14
	e(PS)	12 06
	ePPS	12 59
	eSS	17 36
	eSSS	21 51
	eL	27 16
Feb. 8		
COL	eP	14 23 35
Feb. 8		
COL	eP	14 37 45
Feb. 8		
COL	iP	19 05 52
	ipP	06 31
THULE	iP	19 04 48
	i	05 43
Feb. 8		
BC	eP	19 15 54
BOZ	eP	19 16 26
BUT	eP	19 16 31
COL	iP	19 18 59
	ipP	19 40
	ePP	22 36
COLU	eP	19 13 56
EUR	iP	19 16 15
	ipP	17 05
RC	iP	19 15 54
	epP	16 31
SJ	eP	19 11 49
	epP	12 30
THULE	iP	19 18 32
	ipP	19 10
	isP	19 28
TUC-T	iP	19 15 18
	i	15 52
TUC	iP	19 15 18
	i	15 42
Feb. 8		
EUR	iP	22 08 12
RC	eP	22 08 02
	epP	08 42
TUC-T	iP	22 07 25
	ipP	08 04
Feb. 9		
COL	eP	02 07 20
Feb. 9		
THULE	eP	03 10 39
	i	11 30
Feb. 9		
COL	iP	03 12 02
Feb. 9		
TUC	eP	06 03 14
TUC-T	eP	06 03 14
Feb. 9		
BOZ	eP	10 07 10
Feb. 9		
EUR	iP	11 05 31
RC	iP	11 05 50
Feb. 9		
BUT	eP	11 20 13
COL	iP	11 17 07
THULE	iP	11 19 01
TUC	iP	11 21 17
Feb. 9		
COL	e(P)	12 08 53
Feb. 9		
BOZ	eP'	12 14 57
COL	iP	12 09 20
	e(PP)	12 46
GUAM	eP	12 01 29
	iP	01 33
	eS	06 19
RC	iP'	12 15 07
	ePP	16 27
SJ	iP'	12 16 59
	ePP	20 36
Feb. 9		
COL	eP	16 47 23
	epP	47 46
SJ	iP'	16 54 28
Feb. 10		
BH	iP'	00 15 43
BC	eP'	00 14 31
BOZ	eP'	00 14 35
	ePKKP	25 17
BUT	eP	00 10 37
COL	iP	00 08 55
	ePP	12 32
	iSKS	19 12
	iSS	26 04
	eL	33 04
COLU	eP'	00 15 13
	e	15 20
	ePP	18 25
EUR	iP'	00 14 29
	i	15 13
GUAM	iP	00 01 09
	iPP	01 48
	eS	05 40
HONO	iP	00 07 45
	e(S)	18 00
	eL	26 06
HH	eP'	00 14 28
	ePP	15 05
	ePKKP	25 30
KIP	eP	00 07 45
	i	08 01
RC	iP'	00 14 44
	ePP	16 13
	ePKKP	25 01
SLC	eP'	00 14 35
SJ	iP'	00 15 54
	i	16 35
	ePP	20 22
THULE	eP	00 10 08
	e	13 12
	ePP	14 37
TUC	eP'	00 14 42
	iPP	16 04
	e	19 09
	eSP	26 20
	eL	47 48
TUC-T	iP'	00 14 42
	i	15 59
	iPP	16 04
WASH	iP'	00 15 18
	iPP	18 05
	iPKS	18 58
	i	21 03
	iPPS	30 22
	eL	01 01 06
Feb. 10		
EUR	iP	00 24 53
	i	25 22
Feb. 10		
COL	eP	01 28 49
Feb. 10		
COL	iP	01 43 12
HH	iP	01 43 21
TUC	eP	01 42 56
TUC-T	iP	01 42 57

Date and Station		Phase (GCT)
Feb. 10		h m s
COL	eP	02 12 13
	ePP	15 48
HH	e(P')	02 18 29
SJ	e(P')	02 19 55
Feb. 10		
BC	e(P)	06 08 45
EUR	iP	06 07 28
	i	11 00
HH	iP	06 09 17
RC	e(P)	06 08 49
	e	14 15
SLC	eP	06 07 44
	e	11 25
TUC	iP	06 05 43
	e	05 59
	e(S)	06 45
	eL	06 52
TUC-T	iP	06 05 44
	i	06 00
	iL	06 56
Feb. 10		
EUR	eP	12 59 10
Feb. 10		
TUC-T	eP	13 07 57
Feb. 10		
COL	iP	15 57 06
	epP	57 30
EUR	iP	15 58 06
Feb. 10		
GUAM	iP	18 50 52
	iS	51 05
Feb. 10		
RC	eP	19 37 38
	e	38 09
	e	38 22
Feb. 10		
EUR	iP	22 00 10
HH	i(P)	22 00 45
TUC-T	eP	21 59 27
Feb. 10		
COL	eP	22 03 03
HH	e(P)	22 04 15
Feb. 10		
BH	iP	22 54 30
	eS	55 47
COL	e(P)	23 04 31

Date and Station		Phase (GCT)
		h m s
SJ	eP	22 55 56
	iL	58 15
Feb. 10		
BC	eP	23 31 41
BOZ	eP	23 32 18
BUT	eP	23 32 16
COL	iP	23 32 18
	eS	42 40
	e	44 36
	eL	55 27
EUR	iP	23 31 46
HH	eP	23 32 16
TUC	eP	23 31 44
	eL	57 52
TUC-T	iP	23 31 45
Feb. 11		
EUR	eP	03 27 08
	i	27 21
Feb. 11		
BOZ	eP	04 00 57
Feb. 11		
COL	eP	04 11 47
	epP	13 37
EUR	iP	04 11 25
	epP	13 12
SLC	eP	04 11 41
TUC	iP	04 11 24
	ipP	13 14
TUC-T	iP	04 11 25
	ipP	13 15
Feb. 11		
COL	iP	04 39 10
	epP	40 50
	eScS	48 35
EUR	eP	04 39 22
HH	eP	04 39 41
TUC	iP	04 39 30
TUC-T	iP	04 39 30
Feb. 11		
COL	e(P)	06 03 55
Feb. 11		
COL	iP	08 41 13
	ipP	41 38
EUR	iP	08 42 10

Date and Station		Phase (GCT)
Feb. 11		h m s
COL	eP	10 47 57
EUR	eP	10 49 20
Feb. 11		
BC	eP	13 06 08
	epP	06 38
BOZ	eP	13 06 39
	epP	07 08
BUT	iP	13 06 43
	epP	07 13
COL	eP'	13 12 29
	ipP'	13 07
EUR	iP	13 06 25
	ipP	06 56
HH	iP	13 06 55
	ipP	07 24
RC	iP	13 06 18
	ipP	06 48
SLC	eP	13 06 20
	epP	06 50
SJ	eP	13 03 03
	epP	03 29
TUC	iP	13 05 40
	ipP	06 11
	esP	06 30
TUC-T	iP	13 05 40
	ipP	06 10
	epPP	08 33
WASH	iP	13 05 21
	ipP	05 51
Feb. 11		
BC	eP	21 09 02
BOZ	eP	21 09 26
BUT	eP	21 09 23
COL	iP	21 08 38
	e	09 15
EUR	iP	21 09 02
HH	eP	21 09 21
SLC	eP	21 09 18
TUC	eP	21 09 16
	i	09 40
	eL	37 54
TUC-T	iP	21 09 16
Feb. 11		
EUR	iP	01 13 35

Date and Station		Phase (GCT)
Feb. 12		h m s
COL	iP	01 42 01
	e	42 26
EUR	eP	01 42 58
	i	43 30
Feb. 12		
COL	eP	04 56 58
Feb. 12		
EUR	iP	05 43 07
TUC	eP	05 43 10
TUC-T	iP	05 43 10
Feb. 12		
COL	eP	07 02 22
	i	03 04
EUR	eP	07 02 33
	i	02 43
Feb. 12		
HH	i(P)	08 51 49
Feb. 12		
EUR	eP	09 55 29
HH	eP	09 55 01
Feb. 12		
EUR	eP	11 33 02
TUC	eP	11 31 27
TUC-T	eP	11 31 26
Feb. 12		
COL	iP	13 16 51
Feb. 12		
COL	eP	15 01 26
EUR	eP	15 04 59
Feb. 12		
HH	eP	16 30 56
Feb. 12		
HH	i(P)	21 09 46
Feb. 12		
BUT	eP	23 29 48
COL	iP	23 29 52
EUR	eP	23 29 18
HH	eP	23 29 53
TUC	eP	23 29 17
TUC-T	iP	23 29 17
Feb. 13		
BC	eP	00 32 59

Date and Station		Phase (GCT)
		h m s
BOZ	eP	00 34 08
BUT	eP	00 34 11
COL	iP	00 37 46
EUR	iP	00 33 32
	i	33 53
HH	iP	00 34 34
RC	iP	00 33 42
TUC	eP	00 32 03
	i	32 07
	eL	36 52
TUC-T	eP	00 32 03
	i	32 07
	eL	36 54
Feb. 13		
COL	eP	01 41 07
Feb. 13		
KIP	eP	02 36 10
Feb. 13		
COL	eP	08 07 38
EUR	eP	08 07 27
	i	10 18
HH	eP	08 06 58
THULE	eP	08 04 58
TUC	e(P)	08 07 21
TUC-T	eP	08 07 22
Feb. 13		
COL	eP	09 40 40
EUR	iP	09 44 09
	i	44 22
HH	eP	09 43 38
	e	46 14
RC	eP	09 44 50
	e	45 01
SJ	eP	09 49 16
TUC	eP	09 45 13
	e	45 24
TUC-T	eP	09 45 13
	e	45 46
Feb. 13		
COL	eP	10 59 11
EUR	eP	11 02 39
HH	eP	11 02 07

Date and Station		Phase (GCT)
Feb. 13		h m s
COL	iP	15 53 51
	e	54 34
	ePP	57 45
EUR	eP'	15 59 40
	iPP	16 00 43
GUAM	iP	15 46 01
	eS	49 47
HONO	eP	15 52 54
HH	e(P')	15 59 05
RC	e(P')	16 00 36
	ePP	01 42
SJ	eP'	16 01 32
Feb. 13		
BC	eP	17 18 35
COL	iP	17 23 34
HH	eP	17 20 28
RC	e(P)	17 19 34
	i	20 00
TUC	eP	17 18 11
	i	18 17
	eL	24 23
TUC-T	iP	17 18 11
	iL	24 22
Feb. 13		
BC	eP	20 50 55
	epP	51 37
BOZ	eP	20 51 25
BUT	eP	20 51 30
EUR	iP	20 51 15
	ipP	51 57
HH	iP	20 51 44
RC	iP	20 50 56
SJ	iP	20 46 50
	ipP	47 31
THULE	eP	20 53 08
TUC	eP	20 50 23
	epP	51 05
TUC-T	iP	20 50 23
	ipP	51 05
Feb. 13		
EUR	eP	23 10 48
Feb. 14		
EUR	eP	00 04 10

Date and Station		Phase (GCT)
		h m s
TUC-T	eP	00 05 40
Feb. 14		
HH	e(P)	01 39 10
RC	eP	01 35 09
Feb. 14		
BUT	eP	05 33 53
EUR	eP	05 33 39
HH	eP	05 34 07
SJ	eP	05 29 57
	i	30 29
TUC-T	eP	05 32 55
Feb. 14		
COL	eP	09 41 55
EUR	iP	09 45 22
RC	eP	09 46 00
SJ	iP	09 50 08
	e	50 19
TUC	eP	09 46 23
TUC-T	eP	09 46 22
Feb. 14		
COL	eP	13 04 21
EUR	iP	13 05 05
TUC	eP	13 05 06
TUC-T	iP	13 05 06
Feb. 14		
COL	eP	15 53 16
EUR	iP	15 52 42
THULE	eP'	15 58 42
TUC	eP	15 52 38
	e	52 52
TUC-T	eP	15 52 38
Feb. 14		
BUT	eP	18 30 49
COL	iP	18 33 23
EUR	iP	18 30 33
	ipP	31 03
RC	iP	18 30 13
SJ	eP	18 26 32
	iP	26 14
	epP	26 46

Date and Station		Phase (GCT)
		h m s
TUC	iP	18 29 35
	epP	30 05
TUC-T	iP	18 29 35
Feb. 14		
COL	iP	20 43 04
EUR	eP	20 44 00
	i	44 28
Feb. 14		
BOZ	eP	21 17 47
BUT	eP	21 16 53
COL	eP	21 14 50
	epP	15 32
EUR	iP	21 16 54
	ipP	17 40
GUAM	iP	21 05 52
	i	21 05 56
RC	eP	21 18 15
TUC-T	eP	21 18 08
	iP	18 13
Feb. 14		
BC	eP	22 25 53
BOZ	eP	22 25 24
BUT	eP	22 25 15
COL	eP	22 22 03
	i	22 10
EUR	iP	22 25 30
	ePP	27 15
	iPcP	27 36
	iS	31 21
KIP	eT	22 58 22
RC	iP	22 26 10
SJ	iP	22 30 30
TUC	iP	22 26 33
	e	26 47
TUC-T	iP	22 26 32
	e	26 47
	ePP	28 01
Feb. 15		
SJ	eP	02 28 56
Feb. 15		
EUR	eP	02 47 41
RC	eP	02 47 26

Date and Station		Phase	(GCT) h m s
TUC-T	eP		02 46 52
	e		47 17
	i		47 29
Feb. 15			
EUR	eP		03 09 17
Feb. 15			
EUR	iP		03 47 53
Feb. 15			
COL	iP		04 00 59
	iS		02 04
	iL		02 32
Feb. 15			
COL	eP		05 28 50
	epP		30 14
Feb. 15			
BOZ	eP		07 43 45
BUT	eP		07 43 49
COL	eP		07 47 06
COLU	eP		07 41 18
EUR	eP		07 43 29
RC	iP		07 43 07
SJ	eP		07 40 59
	e		41 17
THULE	eP		07 46 54
TUC	e(P)		07 42 22
	e		42 39
	eP'eP		45 25
	eL		54 35
TUC-T	eP		07 42 23
	i		42 30
	iP'eP		45 23
Feb. 15			
EUR	eP		08 43 44
SJ	iP		08 39 57
Feb. 15			
COL	eP		09 57 50
EUR	eP		10 01 14
Feb. 15			
EUR	i(P)		14 34 02
Feb. 15			
COL	eP		22 32 01
EUR	eP		22 31 27
KTP	eT		23 34 51
Feb. 16			
COL	iP		01 23 02
EUR	iP		01 22 29
TUC	eP		01 22 26
	e		22 43
TUC-T	eP		01 22 25
Feb. 16			
EUR	iP		03 17 22
RC	eP		03 17 06
TUC	eP		03 16 35
TUC-T	eP		03 16 35
Feb. 16			
EUR	iP		04 59 41
Feb. 16			
BOZ	eP		05 12 58
BUT	eP		05 13 49
COL	eP		05 10 46
EUR	iP		05 12 51
	i		13 42
GUAM	iP		05 01 39
	iS		02 40
	i		05 55
RC	iP		05 13 24
THULE	iP		05 12 44
TUC	iP		05 13 23
	e		13 40
TUC-T	iP		05 13 23
	i		13 40
Feb. 16			
EUR	iP		05 35 08
THULE	iP'		05 40 52
TUC	eP		05 35 57
TUC-T	iP		05 35 53
Feb. 16			
EUR	eP		08 45 02
TUC-T	eP		08 46 13
Feb. 16			
COL	eP		10 47 48
Feb. 16			
BOZ	eP		13 24 26
COL	eP		13 26 18
EUR	iP		13 24 54
HH	e(P)		13 24 40
RC	iP		13 23 45
SJ	iP		13 19 03
THULE	eP		13 24 13
TUC	iP		13 24 31
TUC-T	iP		13 24 30
	e		25 17
Feb. 16			
EUR	iP		13 48 17
Feb. 16			
COL	eP		15 15 10
HH	eP		15 17 43
THULE	eP		15 17 02
Feb. 17			
COL	eP		00 14 44
TUC-T	iP		00 13 45
	i		14 12
Feb. 17			
EUR	iP		05 13 01
Feb. 17			
COL	iP		08 16 42
Feb. 17			
COL	eP		09 17 50
EUR	eP		09 18 43
GUAM	iP		09 07 15
	iS		07 27
HH	iP		09 19 38
Feb. 17			
COL	e(P)		10 13 55
EUR	iP		10 13 22
TUC-T	eP		10 13 18
Feb. 17			
EUR	eP		11 29 03
TUC	eP		11 29 10
TUC-T	eP		11 29 10
Feb. 17			
HH	e(P)		11 50 20
Feb. 17			
BC	eP		12 43 00
BOZ	eP		12 43 58
BUT	eP		12 44 00
COL	iP		12 45 52
EUR	iP		12 43 22
	eP'P'		13 11 40
HH	iP		12 44 13
	ePP		47 12
RC	iP		12 42 52
SLC	eP		12 43 29
SJ	iP		12 42 54
TUC	iP		12 42 35
	eS		51 06
	iL		13 02 16
TUC-T	iP		12 42 35
UKIAH	eP		12 43 29
	e		43 41
Feb. 17			
BOZ	eP		16 38 42
COL	iP		16 35 32
EUR	iP		16 38 50
HH	iP		16 38 21
RC	iP		16 39 14
TUC	e(P)		16 39 36
TUC-T	iP		16 39 36
Feb. 17			
BOZ	eP		16 52 51
BUT	iP		16 53 06
	iS		53 22
	iL		54 01
EUR	eP		16 54 12
HH	iP		16 53 40
	iL		54 50
RC	eP		16 53 57
	i		54 14
	eL		55 27
SLC	eP		16 53 36
Feb. 17			
BOZ	eP		17 03 13
COL	iP		17 02 24
HH	eP		17 03 42
RC	eP		17 04 38
SJ	iP'		17 09 37
Feb. 17			
HH	eP		17 32 20
	iL		33 25

Date and Station		Phase (GCT)
		h m s
EUR	eP	17 32 56
Feb. 17		
EUR	iP	18 40 24
HH	iP	18 40 55
TUC-T	iP	18 39 37
Feb. 17		
EUR	iP	19 59 56
Feb. 17		
HH	iP	23 11 12
	i	14 19
Feb. 18		
BC	e	00 28 52
TUC	eP	00 25 31
	e	25 46
	eL	26 39
TUC-T	e(P)	00 25 30
	i	25 33
	iL	26 41
Feb. 18		
EUR	eP	01 45 07
HH	iP	01 44 33
	iL	45 39
RC	e(P)	01 44 49
	e	45 10
	eL	46 18
SLC	eP	01 44 29
TUC-T	eP	01 47 23
Feb. 18		
COL	iP	02 10 55
THULE	eP	02 09 58
Feb. 18		
COL	iP	05 51 35
EUR	eP	05 54 40
THULE	eP	05 50 47
Feb. 18		
COL	iP	07 17 16
EUR	eP	07 18 17
Feb. 18		
COL	iP	12 02 55
Feb. 18		
COL	eP	14 49 09
Feb. 18		
HH	e(P)	18 29 59
Feb. 18		
COL	eP	19 27 52

Date and Station		Phase (GCT)
		h m s
EUR	iP	19 31 38
	i	31 54
HH	eP	19 31 01
RC	iP	19 32 04
THULE	eP	19 30 28
TUC-T	eP	19 32 32
	e	32 50
Feb. 18		
COL	eP	20 44 13
Feb. 18		
BOZ	eP	21 44 45
COL	iP	21 41 10
	i	41 26
EUR	iP	21 44 55
HH	eP	21 44 18
RC	iP	21 45 21
	i	45 35
SLC	eP	21 45 04
THULE	iP	21 43 47
TUC	eP	21 45 56
TUC-T	eP	21 45 51
	e	48 53
Feb. 18		
COL	iP	22 30 11
EUR	iP	22 33 39
HH	iP	22 33 06
	i	35 52
RC	eP	22 34 33
THULE	iP	22 34 07
TUC-T	eP	22 33 44
Feb. 19		
TUC-T	iP	00 04 30
	eL	05 58
Feb. 19		
RC	eP	00 11 27
Feb. 19		
EUR	eP	01 08 58
HH	eP	01 09 42
	i	11 43
THULE	e(P)	01 12 36
TUC	eP	01 07 52
TUC-T	eP	01 07 50
	i	07 52

Date and Station		Phase (GCT)
		h m s
Feb. 19		
BOZ	eP	05 15 11
BUT	eP	05 15 03
COL	iP	05 10 32
	iS	11 26
	iL	11 40
EUR	iP	05 15 36
	i	15 53
HH	iP	05 14 41
	iS	18 21
RC	iP	05 15 55
SIT	eP	05 11 29
THULE	iP	05 15 36
TUC	iP	05 16 48
	e	17 06
TUC-T	iP	05 16 48
	i	17 07
Feb. 19		
EUR	iP	05 18 36
	i	18 49
Feb. 19		
COL	eP	09 47 26
EUR	iP	09 49 20
GUAM	iP	09 36 58
	iS	37 09
HH	iP	09 49 14
Feb. 19		
BC	eP	10 50 50
	epP	51 43
BOZ	eP	10 50 06
	epP	50 59
	esP	51 41
	ePP	54 51
	eSP	11 02 40
	eSS	08 03
BUT	eP	10 50 05
	epP	50 58
COL	iP	10 48 08
	ipP	48 57
	epPP	51 43
	iS	57 26
	i	58 34
	eSS	11 02 32
	eSSS	05 54
	eL	07 48
	eP'P'	15 05
	e	16 22
	eSKPP'	18 50
EUR	iP	10 50 34
	ePKKP	11 06 21

Date and Station		Phase (GCT)
		h m s
GUAM	eP	10 47 36
HH	iP	10 49 54C
	ipP	50 46
	e(PP)	53 39
	epPP	54 31
	eSP	11 02 03
	ePKKP	06 43
	eP'P'	14 55
RC	iP	10 50 13
	ipP	51 06
	ePKKP	11 07 28
	e	17 37
SLC	eP	10 50 29
	epP	51 22
SJ	e(P')	10 55 24
	e	55 49
	iPP	56 35
	ePKKP	11 05 54
SIT	iP	10 49 04
	ipP	49 54
THULE	iP	10 47 06C
	ipP	47 56
	isP	48 19
	iPP	49 33
	eS	55 12
	eScS	56 44
	eP'P'	11 15 47
	i	16 47
TUC	eP'	10 55 04
	epPP	56 23
	i	56 36
	e	11 05 57
	iPKKP	06 08
TUC-T	iP'	10 55 05
	ipPP	56 26
	i	11 05 57
	iPKKP	06 53
Feb. 19		
COL	eP	11 13 01
	e	13 58
Feb. 19		
HH	e(P)	11 24 28
Feb. 19		
EUR	eP	12 38 39
Feb. 19		
EUR	eP	15 54 17
Feb. 19		
EUR	eP	21 09 02
Feb. 20		
COL	eP	00 27 40
EUR	eP	00 27 04

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Date and Station		Phase	(GCT) h m s
Feb. 20			
COL	iP		06 17 45
EUR	iP		06 17 27
	i		17 47
GUAM	iP		06 13 56
HH	iP		06 17 54
	e		21 28
TUC	iP		06 17 29
Feb. 20			
EUR	eP		09 10 45
TUC	e(P)		09 09 27
	e		11 02
Feb. 20			
HH	eP		10 47 35
Feb. 20			
COL	eP		14 33 18
EUR	eP		14 37 00
HH	eP		14 36 33
RC	eP		14 37 36
THULE	eP		14 35 55
Feb. 20			
HH	eP		14 53 32
Feb. 20			
COL	eP		15 56 42
EUR	iP		15 59 36
HH	iP		15 59 13
Feb. 20			
TUC-T	eP		18 10 28
	i		10 47
	iL		11 39
Feb. 20			
EUR	eP		18 27 12
Feb. 20			
COL	eP		20 08 23
EUR	eP		20 12 02
HH	eP		20 11 35
THULE	eP		20 10 55
RC	e(P)		20 12 37
	e		12 48
Feb. 20			
EUR	eP		23 31 30
TUC-T	eP		23 30 17
	e		30 24

Date and Station		Phase	(GCT) h m s
Feb. 20			
COL	eP		23 42 00
Feb. 21			
BC	eP'		01 04 59
COL	eP'		01 05 49
HH	eP'		01 05 37
	ePKKP		16 33
RC	e(P')		01 05 35
	ePP		06 25
	ePKKP		16 21
	eSKKP		19 53
THULE	eP'		01 06 15
	ePP		09 06
	iPPP		09 40
Feb. 21			
BC	eP		02 21 30
BOZ	eP		02 22 19
	e		26 59
BUT	eP		02 22 25
COL	iP		02 25 49
	ipP		26 25
COLU	eP		02 20 20
EUR	iP		02 21 57
HH	iP		02 22 46
	ePcP		24 56
RC	eP		02 21 43
THULE	eP		02 25 51
TUC	eP		02 20 46
TUC-T	iP		02 20 45
Feb. 21			
EUR	eP		04 33 14
Feb. 21			
HH	e(P)		06 24 27
Feb. 21			
COL	eP		07 22 22
EUR	iP		07 26 39
Feb. 21			
BUT	eP		08 25 48
COL	eP		08 25 29
	i		32 48
COLU	eP		08 24 34
EUR	eP		08 26 02
HH	iP		08 25 43

Date and Station		Phase	(GCT) h m s
RC	iP		08 25 27
SLC	eP		08 26 04
SJ	eP		08 24 10
THULE	eP		08 22 39
TUC	e(P)		08 26 31
	i		26 34
TUC-T	eP		08 26 32
Feb. 21			
HH	iP		08 35 14
THULE	eP		08 30 28
Feb. 21			
COL	iP		09 41 10
HH	eP		09 42 23
THULE	eP		09 39 07
Feb. 21			
COL	iP		09 51 15
	epP		53 21
EUR	iP		09 50 54
GUAM	iP		09 47 25
HH	iP		09 51 21
TUC	iP		09 50 55
TUC-T	eP		09 50 55
Feb. 21			
THULE	eP		10 34 46
Feb. 21			
EUR	iP		13 15 05
TUC-T	eP		13 13 55
Feb. 21			
EUR	eP		17 01 12
TUC-T	eP		17 00 02
Feb. 21			
COL	eP		17 26 29
EUR	iP		17 29 54
HH	iP		17 29 25
	ePcP		31 38
RC	e(P)		17 30 35
THULE	eP		17 30 06
	ePP		31 55
TUC	eP		17 30 56
TUC-T	eP		17 30 56

Date and Station		Phase	(GCT) h m s
Feb. 21			
BOZ	eP		18 25 47
Feb. 21			
COL	eP		21 13 22
Feb. 21			
COL	eP		22 55 46
Feb. 21			
HH	iP		23 19 11
Feb. 21			
COL	eP		23 37 03
THULE	iP		23 35 58
Feb. 21			
TUC-T	eP		23 43 25
Feb. 22			
COL	iP		00 47 46
Feb. 22			
BUT	eP		01 06 25
COL	iP		01 06 19
	ipP		01 08 30
	iS		16 09
EUR	iP		01 05 58
GUAM	iP		01 02 30
	iScP		06 42
	iScS		11 20
HH	iP		01 06 26
TUC	eP		01 05 59
TUC-T	iP		01 06 00
	i		06 10
	epP		08 07
Feb. 22			
COL	eP		01 42 14
	e		42 49
EUR	iP		01 38 15
HH	eP		01 39 20
RC	iP		01 38 37
TUC	iP		01 37 03
TUC-T	iP		01 37 03
Feb. 22			
EUR	eP		03 34 42
TUC	eP		03 33 32
TUC-T	eP		03 33 32
Feb. 22			
RC	eP		04 34 53
	e		40 14

Date and Station		Phase (GCT)
		h m s
Feb. 22		
COL	eP	05 25 14
EUR	eP	05 27 31
HH	eP	05 26 26
THULE	eP	05 21 26
	iP	21 27
TUC-T	eP	05 28 12
Feb. 22		
EUR	iP	05 32 45
GUAM	i(P)	05 26 35
TUC	eP	05 32 41
TUC-T	eP	05 32 42
Feb. 22		
COL	eP	05 32 48
EUR	eP	05 36 12
HH	eP	05 35 43
	ePcP	38 10
Feb. 22		
THULE	eP	05 38 43
Feb. 22		
COL	e(P)	07 13 59
Feb. 22		
EUR	iP	08 34 56
HH	iP	08 34 45
RC	eP	08 35 29
THULE	eP	08 34 16
Feb. 22		
COL	iP	08 45 54
EUR	iP	08 45 35
HH	iP	08 46 01
TUC	iP	08 45 37
TUC-T	iP	08 45 37
Feb. 22		
EUR	eP	10 02 51
TUC	eP	10 01 30
	eL	07 13
TUC	eP	10 01 31
	e	01 35
	eL	07 16
Feb. 22		
EUR	eP	14 51 07
Feb. 22		
EUR	e(P)	16 44 44
Feb. 22		
EUR	eP	20 52 03
Feb. 22		
HH	i(P)	21 11 11
Feb. 22		
HH	e(P)	21 16 44
Feb. 22		
EUR	iP	21 35 15
	iS	35 36
	iL	35 40
Feb. 22		
BC	eP	22 58 42
	eL	22 59 52
TUC	e(P)	22 59 05
TUC-T	e(P)	22 58 56
	e	59 06
	eL	23 00 02
Feb. 23		
HH	eP	00 43 32
RC	e(P)	00 43 24
	e	43 35
THULE	eP	00 40 09
Feb. 23		
COL	iP	02 21 06
	ipP	02 21 55
HH	eP	02 22 52
	ipP	23 42
	ePP	26 43
	ePKKP	39 42
THULE	iP	02 20 04
	ipP	20 52
Feb. 23		
HH	eP	07 12 21
Feb. 23		
HH	e(P)	07 30 38
Feb. 23		
BOZ	eP	07 47 13
BUT	eP	07 47 13
COL	eP	07 46 23
EUR	eP	07 47 50
HH	eP	07 47 04
RC	iP	07 47 00
SJ	eP	07 46 26
THULE	eP	07 43 42
TUC-T	eP	07 48 04
Feb. 23		
COL	eP	07 59 48
EUR	eP	08 01 11
HH	eP	08 00 24
RC	eP	08 00 18
	e	00 26
THULE	eP	07 57 03
Feb. 23		
COL	iP	08 21 38
EUR	e(P)	08 24 13
	eP'	08 28 08
GUAM	iP	08 15 48
HH	eP	08 23 44
THULE	eP	08 22 37
Feb. 23		
HH	e(P)	08 43 56
Feb. 23		
HH	iP	09 24 25
Feb. 23		
COL	iP	09 32 42
EUR	eP	09 35 37
HH	iP	09 35 14
	epP	35 38
THULE	iP	09 34 30
TUC-T	eP	09 36 18
Feb. 23		
GUAM	iP	10 59 08
	S	11 00 53
Feb. 23		
EUR	iP	11 14 47
HH	iP	11 14 15
	i	16 51
RC	eP	11 15 26
Feb. 23		
BUT	eP	11 43 04
COL	iP	11 42 59
	ipP	44 50
EUR	iP	11 42 36
	epP	44 38
HH	iP	11 43 04
RC	eP	11 43 26
TUC	iP	11 42 37
TUC-T	iP	11 42 38
	epP	44 32
Feb. 23		
HH	i(P)	12 12 14
Feb. 23		
HH	eP	12 51 20
Feb. 23		
HH	eP	15 47 09
Feb. 23		
COL	eP	16 17 14
	iP	16 17 19
EUR	iP	16 18 09
GUAM	eP	16 09 49
HH	eP	16 18 18
THULE	e(P')	16 23 10
TUC-T	eP	16 18 30
Feb. 23		
SJ	iP	16 34 39
	i(S)	35 00
	eL	35 09
Feb. 23		
EUR	iP	16 53 40
Feb. 23		
EUR	eP	18 55 39
TUC-T	eP	18 55 16
	e	55 35
Feb. 23		
TUC-T	eP	19 29 03
Feb. 23		
EUR	eP	23 42 25
TUC-T	eP	23 41 05
Feb. 24		
COL	iP	00 12 53
EUR	iP	00 15 06
GUAM	iP	00 05 03
	i	09 38
HH	iP	00 14 55
	e	16 11
TUC-T	eP	00 15 40

Date and Station		Phase (GCT)
		h m s
Feb. 24		
COL	eP	02 12 16
	iL	02 16 25
EUR	eP	02 16 18
HH	eP	02 15 40
Feb. 24		
HH	eP	02 45 07
Feb. 24		
EUR	eP	05 25 24
Feb. 24		
EUR	eP	06 57 20
Feb. 24		
TUC-T	e(P)	08 24 12
	i	24 17
Feb. 24		
HH	e(P)	08 38 01
THULE	eP	08 33 49
	iS	35 01
	iL	35 42
Feb. 24		
HH	e(P)	08 43 28
	eL	46 20
Feb. 24		
BUT	eP	08 47 29
RC	e(P)	08 47 14
	e	48 12
Feb. 24		
COL	eP	08 54 04
EUR	eP	08 54 06
Feb. 24		
HH	e(P)	09 24 02
Feb. 24		
HH	iP	11 42 32
Feb. 24		
COL	iP	12 00 32
	iL	12 04 19
EUR	eP	12 04 29
HH	eP	12 03 52
RC	eP	12 05 06
TUC-T	eP	12 05 39
Feb. 24		
EUR	eP	13 14 01
Feb. 24		
EUR	eP	17 30 33
Feb. 24		
COL	eP	19 07 16
		h m s
HH	eP	19 08 30
THULE	eP	19 05 11
Feb. 24		
HH	iP	21 09 55
Feb. 24		
RC	eP	21 50 47C
	ePP	54 31
BUT	eP	21 50 35
COL	iP	21 49 31
	eS	21 59 42
	eP'P'	22 15 42
COLU	eP'	21 56 00
	ePP	57 25
EUR	iP	21 50 22
	ePKKP	22 07 31
	eP'P'	15 37
GUAM	iP	21 42 17
HONO	iP	21 46 27
	eS	21 54 06
	eL	58 36
HH	iP	21 50 31
	ePP	54 16
	iPKKP	22 07 25
	eP'P'	15 28
KIP	iP	21 46 29
RC	iP	21 51 06
	e	54 05
	iPP	55 19
SLC	eP	21 50 36
SJ	iP'	21 56 32
	iPP	59 18
SIT	eP	21 49 42
THULE	eP	21 51 21
	eP'	54 47
	ePP	21 55 52
TUC	eP	21 50 40
	ePP	54 21
	iPP	54 32
	ePKKP	22 03 20
	eL	19 48
TUC-T	iP	21 50 40
	e	54 11
	iPP	54 33
	iP'P'	22 15 38
UKIAH	iP	21 49 55
WASH	iP'	21 56 03
	eL	22 38 42
		h m s
Feb. 24		
COL	iP	23 21 34
EUR	iP	23 22 27
Feb. 24		
EUR	iP	23 54 46
TUC-T	eP	23 54 41
Feb. 25		
HH	e(P)	01 40 49
Feb. 25		
THULE	eP	05 37 42
Feb. 25		
EUR	eP	08 40 24
Feb. 25		
BH	eP	08 52 23
	eS	52 50
Feb. 25		
COL	iP	10 07 21
EUR	eP	10 10 46
HH	e(P)	10 10 17
	ePcP	11 55
RC	eP	10 11 14
Feb. 25		
EUR	e(P)	11 51 18
Feb. 25		
COL	eP	13 03 17
HH	eP	13 00 09
RC	eP	12 59 17
TUC	eP	12 57 33
	i	58 01
TUC-T	eP	12 57 34
	i	58 01
	e	13 12 33
Feb. 25		
BH	eP	15 16 50D
	eS	17 54
TUC-T	iP	15 23 03
Feb. 25		
BOZ	eP	20 52 44
Feb. 25		
COL	eP	21 03 03
EUR	eP	21 03 55
Feb. 25		
COL	eP	21 13 22
EUR	eP	21 16 28
		h m s
Feb. 26		
HH	e(P)	00 10 50
Feb. 26		
HH	iP	01 21 59
Feb. 26		
COL	eP	02 21 07
EUR	eP	02 22 38
	ePP	26 46
GUAM	eP	02 12 26
HH	eP	02 22 39
KIP	eP	02 19 31
SJ	eP'	02 28 28
THULE	e(P)	02 22 39
Feb. 26		
EUR	iP	03 27 01
	iPP	27 20
Feb. 26		
COL	iP	05 38 12
EUR	eP	05 37 16
HH	eP	05 37 24
Feb. 26		
EUR	e(P)	05 47 12
Feb. 26		
BOZ	e(P)	06 44 59
BUT	eP	06 45 53
COL	iP	06 45 24
EUR	iP	06 44 48
HH	iP	06 45 20
KIP	eP	06 40 45
RC	iP	06 45 42
SLC	eP	06 45 07
	e	45 22
	e	45 38
TUC	iP	06 44 47
	eL	07 12 26
TUC-T	iP	06 44 47
Feb. 26		
HH	e(P)	09 08 43
Feb. 26		
BOZ	eP	15 20 00
COL	iP	15 14 58
	iS	15 15 25
	iL	15 30

Date and Station		Phase (GCT)
		h m s
EUR	iP	15 20 24
	ipP	20 44
HH	iP	15 19 27
RC	eP	15 20 40
TUC-T	iP	15 21 36
Feb. 26		
COL	iP	21 28 29
EUR	iP	21 32 02
Feb. 26		
COL	iP	21 39 15
	ePcP	39 50
COLU	eP	21 33 57
EUR	eP	21 35 18
HH	eP	21 36 08
	epP	36 39
	ePcP	38 37
RC	eP	21 35 05
	iPP	35 52
THULE	iP	21 39 21
	e	39 40
TUC	e(P)	21 34 12
	ipP	34 32
TUC-T	eP	21 34 06
	ipP	34 31
Feb. 26		
BC	eP	23 38 09
	eS	45 08
BOZ	eP	23 37 30
	e	37 55
	e	38 24
	eS	44 00
BUT	eP	23 37 21
	eS	43 41
	eL	47 09
COL	e(P)	23 34 07
	iP	23 34 10
	iS	23 38 10
	iL	40 38
COLU	eP	23 40 28
EUR	iP	23 37 34
HONO	e(P)	23 37 10
	iS	41 32
	L	44 50
HH	iP	23 37 05
	iS	43 11
	eL	47 15

Date and Station		Phase (GCT)
		h m s
KIP	e(P)	23 36 08
	eT	00 11 30
RC	iP	23 38 12
	iS	45 18
SLC	eP	23 37 49
	e	38 03
SJ	iP	23 42 22
	ePP	45 42
SIT	eP	23 34 56
THULE	iP	23 37 42
	iPP	39 25
	ePPP	39 58
	eScP	43 15
TUC	iP	23 38 35
	ePP	40 36
	iS	45 56
	eL	54 27
TUC-T	iP	23 38 35
	i	38 50
UKIAH	eP	23 37 01
	ePcP	39 13
WASH	iP	23 40 21
	eL	00 10 52
Feb. 26		
EUR	eP	23 51 52
TUC-T	eP	23 51 54
Feb. 27		
COL	iP	00 11 54
COLU	eP	00 18 15
EUR	iP	00 15 20
HH	iP	00 14 56
	eS	20 56
SJ	eP	00 20 06
TUC	eP	00 16 54
TUC-T	eP	00 16 21
	e	16 26
Feb. 27		
TUC	e(P)	04 46 58
Feb. 27		
COL	eP	05 50 22
EUR	eP	05 53 52
Feb. 27		
BOZ	eP	08 19 10
COL	iP	08 14 47
	iS	08 18 50
	iL	21 02

Date and Station		Phase (GCT)
		h m s
COLU	eP	08 21 07
EUR	iP	08 18 12
HONO	e(P)	08 16 46
	i	17 00
HH	eP	08 17 46
KIP	eP	08 16 46
	i	17 09
	eT	52 05
RC	eP	08 18 51
	e	19 06
	eS	25 55
SLC	eP	08 18 30
SIT	eP	08 15 36
	e	15 50
SJ	eP	08 23 01
	e	23 14
THULE	eP	08 18 17
	iP	18 24
TUC	eP	08 19 13
	eL	36 20
TUC-T	eP	08 19 13
	i	19 16
Feb. 27		
COL	eP	09 09 31
EUR	iP	09 09 01
TUC	eP	09 08 57
	i	09 08
	eL	37 20
TUC-T	eP	09 08 57
	i	09 05
Feb. 27		
EUR	iP'	09 24 43
RC	eP'	09 24 51
Feb. 27		
COL	iP	10 08 42
	e	09 09
EUR	eP	10 07 47
Feb. 27		
EUR	eP	10 39 05
Feb. 27		
BH	iP	12 06 36
	iS	07 15
EUR	eP	12 14 15
RC	eP	12 13 55

Date and Station		Phase (GCT)
		h m s
SJ	eP	12 10 26
TUC-T	eP	12 13 09
Feb. 27		
COL	eP	13 57 44
EUR	eP	14 01 03
Feb. 27		
COL	eP	14 10 11
	ipP	10 54
EUR	eP	14 11 03
	ipP	11 44
Feb. 27		
COL	iP	14 35 41
	ipP	36 07
EUR	iP	14 36 31
Feb. 27		
COL	iP	15 08 36
	epP	09 03
EUR	eP	15 09 27
Feb. 27		
EUR	eP	15 23 07
Feb. 27		
TUC-T	iP	15 27 06
	iL	27 24
Feb. 27		
EUR	eP	15 35 39
TUC-T	eP	15 35 43
Feb. 27		
COL	eP	18 33 23
EUR	eP	18 34 22
Feb. 27		
COL	iP	19 22 32
Feb. 27		
COL	e(P)	20 07 16
	iP	20 07 32
	eS	08 36
	iL	08 41
EUR	eP	20 12 45
	i	13 02
TUC-T	eP	20 14 15
Feb. 27		
TUC-T	iP	22 11 19
	iL	11 36
Feb. 27		
COL	eP	23 18 43
Feb. 28		
EUR	eP	06 46 08

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Date and Station		Phase (GCT)
		h m s
Feb. 28		
EUR	eP	07 29 06
Feb. 28		
THULE	eP	07 31 31
Feb. 28		
TUC-T	eP	08 33 29
Feb. 28		
EUR	eP	08 48 25
Feb. 28		
EUR	eP	09 38 47
	eS	39 51
	eL	39 58
HH	i(P)	09 38 18
	iS	39 10
SLC	eP	09 38 08
Feb. 28		
COL	iP	09 41 55
EUR	iP	09 45 12
	i	45 24
THULE	iP	09 44 02
TUC	e(P)	09 46 01
	e	46 12
TUC-T	eP	09 46 04
	e	46 12
Feb. 28		
COL	eP	15 01 38
EUR	iP	15 04 02
	ipP	04 55
THULE	eP	15 03 53
TUC-T	iP	15 04 03
Feb. 28		
EUR	iP	15 17 20
TUC-T	eP	15 15 49
	e	15 55
Feb. 28		
COL	eP	22 26 39
Feb. 28		
COL	iP	23 18 15
	i	23 18 22
COLU	eP'	23 24 55
EUR	eP	23 19 39
GUAM	iP	23 09 35
KIP	e(P)	23 16 11
SJ	iP'	23 25 31
TUC-T	eP'	23 24 20
Feb. 29		
COL	eP	00 05 00
GUAM	eP	23 56 28
SJ	iP'	00 12 15
Feb. 29		
BUT	eP	00 18 54
	e	19 44
EUR	iP	00 18 55
	i	19 45
TUC-T	eP	00 19 27
	i	20 17
Feb. 29		
BH	iP	02 12 34D
	iS	12 57
COL	eP	02 23 46
COLU	eP	02 17 50
EUR	iP	02 20 27
SJ	eP	02 16 11
THULE	eP	02 23 17
TUC	e(P)	02 19 27
	e	19 30
TUC-T	eP	02 19 24
	e	19 30
Feb. 29		
BH	iP	02 23 47D
	iS	24 08
Feb. 29		
BH	iP	03 04 44C
	iS	05 05
Feb. 29		
COL	eP	04 14 30
	i	14 37
Feb. 29		
EUR	eP	05 33 09
Feb. 29		
COL	iP	05 34 41
	ipP	35 13
EUR	eP	05 36 53
	ePKIP	40 01
GUAM	iP	05 27 56
TUC	eP'	05 42 07
TUC-T	iP'	05 42 07
	e	42 16
Feb. 29		
COL	eP	05 56 22
	i	56 38
EUR	iP	05 59 47
	i	06 00 12
Feb. 29		
COL	eP	08 46 41
THULE	eP	08 46 40
Feb. 29		
EUR	iP	22 49 04
Feb. 29		
BOZ	eP	23 52 08
BUT	eP	23 52 13
COL	eP	23 52 26
	eS	00 02 25
	e	03 10
	e	07 47
	eL	13 28
COLU	eP	23 50 21
EUR	iP	23 52 41
	i	54 06
HH	eP	23 52 08
RC	eP	23 51 40
	ePP	54 33
THULE	eP	23 49 37
	iP	49 38
TUC	iP	23 52 44
	eL	00 22 15
TUC-T	iP	23 52 43
	i	52 46
	eIP	56 16
	e	56 40
WASH	eP	23 49 55

Date and Station		Phase (GCT)
		h m s

Date and Station	Phase (GCT)
	h m s
Local and Minor Earthquakes	
Feb.	
BOZ	
16	01.0
	16.1
17	17.5
	17.6
18	02.0
	10.2
19	00.5
	18.7
21	12.9
22	00.7
28	09.6
	10.4
Feb.	
BUT	
1	09.3
	14.1
2	00.1
	10.5
4	01.1
	03.7
5	13.7
	14.0
6	07.4
	20.0
7	02.5
	22.6
9	10.1
11	13.9
16	16.1
17	01.6
	12.4
	16.9
	17.1
18	01.7
21	22.0
22	05.2
	23.3
	23.4
23	04.7
24	12.8
	13.0
28	09.6
	10.5
	15.4
Feb.	
COL	
4	19.9
5	13.2
7	15.3
8	07.0
11	09.2
13	18.4
	22.2
15	00.1
16	04.8
	09.6
	17.5
17	21.6
20	03.1
21	15.8
22	21.3
24	18.0

Date and Station	Phase (GCT)
	h m s
COL	
25	10.2
26	04.2
	13.7
	15.3
Feb.	
EUR	
6	13.8
12	13.1
13	16.3
Feb.	
RC	
28	03.9
	09.6
Feb.	
SLC	
7	20.5
13	15.6
Feb.	
SJ	
1	19.7
4	01.1
	07.9
6	10.9
8	15.6
	18.6
9	16.0
	16.5
11	01.5
13	12.0
	12.4
	13.4
14	14.4
15	09.2
16	01.8
17	03.3
	16.3
18	10.0
	18.3
20	20.3
	20.5
21	06.4
	08.5
22	07.9
	23.6
23	07.0
	16.0
24	01.0
29	11.6
	23.6
Feb.	
SIT	
5	16.8
17	14.7
26	15.3
Feb.	
TUC	
4	11.2
6	04.1
9	14.1

Date and Station	Phase (GCT)
	h m s
TUC	
11	05.2
12	13.1
13	22.0
14	14.0
17	07.2
	08.1
18	01.7
	09.2
19	00.1
	02.4
20	18.2
21	17.2
22	11.0
23	08.0
24	13.2
26	11.5
29	08.7
Feb.	
WHIAH	
4	08.8
15	19.1
	19.3
27	19.4
29	03.9

Date and Station	Phase (GCT)
	h m s