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COAST & GEODETIC SURVEY
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U. S. DEPARTMENT OF COMMERCE

Lewis L. Strauss, Secretary

COAST AND GEODETIC SURVEY—WASHINGTON

H. Arnold Karo, Director

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National Oceanic and Atmospheric Administration

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1959

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the data from the horizontal components of the seismographs at all stations except College, Honolulu, and Tucson will not be published for earthquakes occurring outside the United States.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 1959	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Feb.	h m s	°	°	
1	03 13 32*	36½ N.	71½ E.	Hindu Kush. h about 300 km.
1	04 16 12*	7 S.	12½ W.	Ascension Island region.
1	05 29 31*	8½ S.	158½ E.	Solomon Islands.
1	06 30 20*	54 N.	165 W.	Fox Islands, Aleutian Islands.
1	08 39 18*	17½ S.	178 W.	Fiji Islands.
2	03 56 12*	6½ S.	126 E.	Banda Sea. h about 150 km.
2	19 20 37*	35 N.	24 E.	Crete. Felt at Chania and Rethymne.
3	05 45 16*	60 N.	151 W.	Kenai Peninsula, Alaska.
3	23 23 10*	39½ S.	175 E.	New Zealand. h about 100 km.
4	00 06 25*	51 N.	177½ W.	Andreanof Islands, Aleutian Islands.
4	04 56 46*	10½ N.	125½ E.	Off north coast of Mindanao, Philippine Islands.
4	08 35 15*	22 S.	179 W.	Fiji Islands region.
4	20 19 40*	59½ N.	138 W.	Southeastern Alaska-Canada border.
5	01 04 50*	57 N.	157 W.	Alaska Peninsula. h about 100 km.
5	10 05 42*	37 N.	141½ E.	Near east coast of Honshu, Japan.
6	07 19 27*	43½ N.	144½ E.	Near northeast coast of Hokkaido, Japan.
6	08 08 00**			Off coast of Oaxaca, Mexico.
6	14 33 02*	51 N.	175½ W.	Andreanof Islands, Aleutian Islands. h about 60 km. Mag. 6.
7	09 36 51*	4 S.	81½ W.	Near coast of northern Peru. Felt strongly at Guayaquil. Mag. 7¼ - 7½.
7	10 11 39*	16 N.	146 E.	Mariana Islands.
7	10 52 59*	13 N.	45 W.	Atlantic Ocean.
7	16 45 35*	6½ S.	113 E.	Near north coast of Java. h about 600 km.
7	20 08 17*	38 N.	21 E.	Near west coast of Greece. Felt at Acarnanie, Aetolie, Elide and the offshore islands.
8	01 02 26*	49 N.	28½ W.	North Atlantic Ocean. Mag. 6¼ - 6½.
8	05 46 15*	23 S.	180	South of Fiji Islands. h about 600 km.
8	15 54 06*	32 S.	176½ W.	Kermadec Islands. h about 100 km.
9	04 42 33*	50½ N.	177½ W.	Andreanof Islands, Aleutian Islands.
9	21 13 18*	5 S.	154 E.	Solomon Islands region. h about 100 km.
10	18 03 50*	39½ N.	119 W.	Nevada. Mag. 4 - 4¼ (Berk).
11	01 41 20**			Near coast of Oaxaca, Mexico.
11	03 43 38*	9 N.	127 E.	Near east coast of Mindanao, Philippine Islands.
11	12 49 08*	12 S.	166½ E.	Santa Cruz Islands.
11	13 52 13*	16 N.	97 W.	Near coast of Oaxaca, Mexico. Mag. 6.
11	19 57 05*	4 S.	82½ W.	Off coast of Peru.
11	21 36 46*	15 S.	173½ W.	Samoa Islands region.

Date 1959	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Feb.	h m s	°	°	
12	09 15 58*	50½ N.	177 W.	Andreanof Islands, Aleutian Islands.
12	17 03 10*	22 S.	173 E.	Loyalty Islands region.
12	17 56 40*	7½ N.	126 E.	Mindanao, Philippine Islands.
13	01 44 47**			Tonga-Kermadec Islands region.
13	15 09 05*	20 S.	177½ W.	Fiji Islands region. h about 400 km.
14	04 36 10*	7½ S.	122 E.	Flores Sea.
14	22 10 43*	28 N.	96 E.	India-Burma foreshock.
14	22 25 50*	28 N.	97 E.	India-Burma border.
15	03 59 25*	59½ S.	25 W.	Sandwich Islands. Mag. 6½ - 6 3/4.
15	04 02 22*	44½ N.	83½ E.	Sinkiang Province, China.
15	04 42 35*	59½ S.	26 W.	Sandwich Islands. Mag. 6 3/4.
15	23 26 17*	1½ S.	81½ W.	Near coast of Ecuador.
16	00 39 32*	1 S.	81½ W.	do.
16	07 54 28*	25 S.	180	South of Fiji Islands. h about 500 km.
16	12 16 27*	2 N.	80 W.	Off coast of Ecuador.
16	17 54 12**			Honduras-Nicaragua border.
17	02 51 56*	1 S.	80½ W.	Near coast of Ecuador.
17	11 21 15*	15 S.	168½ E.	New Hebrides Islands.
17	11 49 59*	15 N.	142½ E.	Mariana Islands region.
17	12 03 05*	51½ N.	171 W.	Fox Islands, Aleutian Islands. Mag. 6 - 6¼.
17	12 49 20*	32½ N.	140½ E.	South of Honshu, Japan.
17	15 50 29*	56 N.	158½ W.	Alaska Peninsula.
17	20 11 50*	65½ N.	126 W.	Northwestern Canada.
18	01 57 21*	24 S.	179½ W.	South of Fiji Islands. h about 500 km.
18	12 05 22*	42 N.	142½ E.	Near south coast of Hokkaido, Japan.
18	17 29 07*	14 N.	144 E.	Mariana Islands. h about 250 km.
18	23 37 21*	49½ N.	129½ W.	Off coast of Vancouver, British Columbia.
20	04 12 54*	30½ S.	71 W.	Central Chile. h about 100 km. Mag. 6¼ - 6½.
20	12 01 57*	18 S.	178½ W.	Fiji Islands. h about 600 km.
20	18 16 22*	15½ N.	91 W.	Guatemala. Felt. h about 150 km. Mag. 6½.
21	08 27 15*	14 N.	120½ E.	Luzon Island, Philippine Islands. Felt at Manila.
22	03 30 38*	28½ N.	91½ E.	Southeastern Tibet.
22	03 35 43*	42½ N.	142½ E.	Near south coast of Hokkaido, Japan.
22	10 26 06*	5½ S.	131 E.	Banda Sea.
22	23 56 01*	44½ N.	149 E.	Kurile Islands.
23	01 58 38*	5½ S.	150 E.	New Britain. Felt at Kandrian and Walindi.
23	07 49 21*	16 N.	46 W.	Atlantic Ocean.

Date 1959	Origin Time G. C. T.	Lat.		Long.		Region, Focal Depth, and Remarks
Feb.	h m s	°		°		
23	10 31 14*	52½	N.	159	E.	Kamchatka. h about 100 km.
23	11 53 28*	45	N.	149	E.	Kurile Islands.
23	16 04 48*	50	N.	157	E.	Kurile Islands. Depth slightly greater than normal.
23	20 31 00*	16	S.	67	E.	Indian Ocean.
23	22 20 58*	28½	N.	177	W.	Kermadec Islands region.
24	00 48 03*	44½	N.	149	E.	Kurile Islands.
24	11 10 36*	44	N.	149½	E.	do.
24	12 45 41*	11	N.	122½	E.	Panay Island, Philippine Islands. Felt at Iloilo and Roxas on Panay, also at Cebu and Cuyo Island h about 100 km.
24	16 12 40*	11½	S.	112	E.	South of Java.
25	10 02 43*	19	S.	177	W.	Fiji Islands region. h about 500 km.
25	11 19 07*	28½	N.	139	E.	South of Honshu, Japan. h about 550 km.
25	20 08 09*	2	S.	129	E.	Ceram Sea. h about 200 km.
25	23 40 55**					Macquarie Island region.
26	01 42 31*	25½	N.	125	E.	Ryukyu Islands.
26	04 41 00*	5½	S.	147	E.	Near northeast coast of New Guinea.
26	07 00 13*	72	N.	29½	W.	Near east coast of Greenland.
27	15 20 27*	22½	S.	175	W.	Tonga Islands region.
27	18 47 05*	7	S.	126	E.	Banda Sea. h about 600 km.
27	20 56 30*	27½	N.	129	E.	Ryukyu Islands.
27	22 19 52*	38	N.	112½	W.	Southwestern Utah.
28	01 32 22*	53	N.	168½	W.	Fox Islands, Aleutian Islands.
28	03 53 51*	3	S.	129½	E.	Ceram Island region.
28	05 59 58*	24½	S.	179½	E.	South of Fiji Islands.
28	06 50 40*	16½	S.	177	W.	Fiji Islands region.
28	11 44 05**					About 500 miles west of Macquarie Island.
28	13 25 18**					About 350 miles south of Fiji Islands.

Date and Station		Phase	(GCT)
			h m s
Feb. 1			
COL	iP	03	24 47
	e		25 29
	ipP		25 52
	iPP		28 12
	i		30 20
EUR	eP	03	27 14
	e		29 48
	eP'		30 59
	iPP		31 27
	ePKKP		42 59
HH	iP	03	26 32
	e(pP)		27 21
	e(P')		30 10
RC	eP'	03	30 58
THULE	iP	03	23 45
	iPP		26 08
TUC-T	eP'	03	31 42
	e		32 25
Feb. 1			
THULE	eP	04	29 35
Feb. 1			
GUAM	eP	05	32 00
	i(S)		32 22
Feb. 1			
COL	iP	05	41 59
	i		42 10
EUR	iP	05	42 43
Feb. 1			
COL	eP	06	33 42
	i		33 47
	i		34 25
EUR	iP	06	37 22
HH	iP	06	36 47
RC	eP	06	38 01
TUC-T	eP	06	38 38
Feb. 1			
TUC-T	eP	07	45 16
Feb. 1			
COL	iP	08	51 56
EUR	iP	08	51 43
	i		52 04
GUAM	eP	08	48 04
HH	iP	08	52 05
TUC	iP	08	51 40
TUC-T	iP	08	51 41
Feb. 1			
HH	e(P)	09	15 26

Date and Station		Phase	(GCT)
			h m s
Feb. 1			
EUR	eP	10	13 20
TUC	eP	10	12 11
TUC-T	iP	10	12 11
Feb. 1			
EUR	e(P)	13	15 03
Feb. 1			
HH	e(P)	13	26 11
Feb. 1			
EUR	eP	19	51 17
Feb. 1			
EUR	eP	19	56 55
Feb. 1			
EUR	eP	23	43 16
RC	eP	23	42 07
Feb. 2			
EUR	e(P)	01	04 09
	eP		04 11
TUC-T	eP	01	03 22
Feb. 2			
COL	eP	03	33 15
EUR	eP	03	32 47
TUC	eP	03	32 43
TUC-T	iP	03	32 44
Feb. 2			
EUR	eP	04	11 06
Feb. 2			
COL	eP	04	09 19
	epP		09 59
EUR	iP'	04	14 42
	ipP'		15 47
GUAM	eP	04	01 49
HH	iP'	04	14 39
RC	eP'	04	14 55
TUC	iP'	04	14 53
TUC-T	iP'	04	14 53
	iPP		16 19
Feb. 2			
TUC-T	eP	05	18 13
Feb. 2			
BH	eP	08	28 45
	iS		29 15
Feb. 2			
TUC	e(P)	10	17 50

Date and Station		Phase	(GCT)
			h m s
Feb. 2			
EUR	eP	14	28 16
	i		28 33
	e(S)		29 21
	eL		29 30
Feb. 2			
COL	eP	15	23 50
EUR	eP	15	27 08
Feb. 2			
GUAM	iP	15	25 55
	iS		26 11
Feb. 2			
COL	eP	17	06 31
Feb. 2			
COL	eP	19	32 53
	i		33 13
HH	iP	19	33 37
THULE	eP	19	30 25
Feb. 2			
COL	iP	19	54 54
EUR	eP	19	58 52
HH	e(P)	19	58 07
Feb. 2			
HH	eP	21	49 37
Feb. 2			
HH	e(P)	22	18 52
Feb. 2			
EUR	eP	22	53 22
HH	eP	22	53 53
Feb. 3			
GUAM	iP	01	47 44
	iS		48 14
	eL		48 18
Feb. 3			
COL	iP	02	52 15
	i		52 24
Feb. 3			
COL	iP	03	16 25
Feb. 3			
COL	iP	05	46 38
	iS		47 38
	iL		47 48
EUR	eP	05	51 25
	i		51 43
HH	eP	05	50 32
THULE	eP	05	51 32
TUC	eP	05	52 37

Date and Station		Phase	(GCT)
			h m s
TUC-T	iP	05	52 37
Feb. 3			
EUR	e(P)	08	26 05
Feb. 3			
COL	eP	08	40 12
HH	e(P)	08	35 49
TUC-T	eP	08	39 47
Feb. 3			
COL	iP	08	49 39
Feb. 3			
COL	iP	10	45 38
EUR	eP	10	48 42
HH	iP	10	48 04
THULE	iP	10	45 38
Feb. 3			
COL	iP	14	30 08
EUR	eP	14	33 26
	i		33 41
HH	e(P)	14	32 59
Feb. 3			
COL	eP	18	44 21
EUR	iP	18	47 00
HH	iP	18	46 40
THULE	iP	18	46 03
Feb. 3			
HH	e(P)	19	28 20
Feb. 3			
EUR	iP	20	07 34
Feb. 3			
EUR	eP	21	38 31
Feb. 3			
COL	iP	22	59 11
	i		59 18
HH	iP	22	58 22
Feb. 3			
EUR	eP	23	08 21
Feb. 3			
EUR	eP	23	52 31
HH	e(P)	23	54 50
Feb. 4			
BC	e(P)	00	14 59
BOZ	eP	00	14 31

Date and Station		Phase (GCT)
		h m s
BUT	eP	00 14 36
COL	eP	00 11 09
	eS	15 11
	eL	18 33
EUR	iP	00 14 35
	i	14 58
HH	iP	00 14 05
	i	14 24
	iPcP	16 16
RC	eP	00 15 14
	e	15 33
SLC	eP	00 14 03
THULE	eP	00 14 46
	iPcP	16 29
TUC	e(P)	00 15 36
TUC-T	e(P)	00 15 36
	i	15 45
Feb. 4		
COL	eP	01 36 29
EUR	e(P)	01 39 57
HH	eP	01 39 24
Feb. 4		
EUR	eP	02 34 21
Feb. 4		
COL	iP	05 08 53
THULE	eP	05 09 49
	ePP	13 38
Feb. 4		
COL	iP	05 45 16
	iS	45 51
	iL	46 04
Feb. 4		
EUR	eP	07 04 57
Feb. 4		
COL	iP	08 00 35
EUR	iP	08 04 02
	i	04 29
HH	e(P)	08 03 30
TUC	eP	08 04 51
Feb. 4		
COL	iP	08 48 18
EUR	eP	08 48 04
Feb. 4		
COL	eP	13 52 54
EUR	eP	13 52 04

Date and Station		Phase (GCT)
Feb. 4		h m s
BC	eP	15 21 33
	eS	22 04
	eL	22 21
EUR	iP	15 21 44
	i	21 54
	eS	22 39
	eL	22 43
Feb. 4		
THULE	eP	16 03 15
Feb. 4		
EUR	eP	17 24 15
Feb. 4		
COL	eP	20 21 23
	i	21 41
EUR	eP	20 25 03
HH	eP	20 23 54
	eL	28 43
SIT	eP	20 20 35
	iS	21 17
	iL	21 18
Feb. 4		
COL	eP	22 13 48
EUR	eP	22 14 14
	e	14 44
Feb. 4		
EUR	eP	22 25 09
Feb. 5		
COL	iP	00 31 10
EUR	eP	00 34 28
Feb. 5		
BC	eP	01 11 39
	ipP	12 02
BOZ	eP	01 10 56
BUT	eP	01 10 47
	epP	11 12
COL	iP	01 06 56
	eS	08 30
	iL	09 03
EUR	iP	01 11 11
	ipP	11 34
	i	12 21
	iPcP	14 04
	i	14 27
	iScP	17 32
HH	iP	01 10 27
	ipP	10 50
	i	11 10
KIP	eP	01 11 45
	iPP	13 11

Date and Station		Phase (GCT)
		h m s
RC	iP	01 11 42
	ePcP	13 40
SIT	iP	01 07 36
	e(S)	09 35
	iL	09 40
THULE	eP	01 11 35
	ePP	12 39
	ePcP	14 06
TUC	eP	01 12 22
	ipP	12 44
	e(PcP)	14 42
Feb. 5		
COL	iP	01 16 38
EUR	iP	01 17 32
HH	iP	01 17 16
THULE	iP	01 17 41
Feb. 5		
EUR	eP	02 36 49
TUC	eP	02 35 04
	i	35 15
	iS	36 14
	eL	36 16
	iL	36 19
Feb. 5		
EUR	eP	03 59 00
HH	e(P)	04 00 06
TUC	eP	03 57 23
Feb. 5		
HH	i(P)	04 17 16
Feb. 5		
BC	eP	10 17 48
BUT	eP	10 17 20
COL	iP	10 14 34
EUR	iP	10 17 31
	i	17 42
HH	iP	10 17 07
RC	e(P)	10 17 55
	e	18 06
SLC	eP	10 17 41
	e	17 51
THULE	iP	10 16 25
TUC	eP	10 18 13
	e	18 23
Feb. 5		
EUR	eP	10 40 23

Date and Station		Phase (GCT)
Feb. 5		h m s
COL	eP	10 49 40
HH	eP	10 51 48
Feb. 5		
EUR	eP	11 37 29
	i	38 43
Feb. 5		
COL	iP	16 02 07
EUR	eP	16 05 33
Feb. 5		
TUC	eP	16 24 56
	e	25 10
Feb. 5		
EUR	eP	22 23 10
	i	23 44
Feb. 5		
COL	e(P)	22 53 18
Feb. 6		
HH	e(P)	01 13 20
Feb. 6		
COL	eP	02 24 30
EUR	eP	02 27 51
Feb. 6		
EUR	eP	03 19 08
Feb. 6		
EUR	iP	04 55 21
GUAM	iP	04 43 04
HH	iP	04 55 14
Feb. 6		
COL	eP	05 28 52
Feb. 6		
COL	e(P)	06 12 10
Feb. 6		
COL	iP	07 21 57
EUR	eP	07 25 29
Feb. 6		
BC	e(P)	07 31 02
COL	iP	07 27 26
EUR	iP	07 30 46
HH	iP	07 30 16
RC	eP	07 31 06
TUC	eP	07 31 32
TUC-T	eP	07 31 31

Date and Station		Phase	(GCT)
Feb. 6			h m s
BC	eP		08 14 00
BUT	eP		08 14 58
COL	iP		08 18 25
	i		19 08
COLU	eP		08 13 11
	e		13 18
EUR	iP		08 14 28
HH	iP		08 15 19
RC	eP		08 14 18
THULE	iP		08 18 38
TUC	iP		08 13 14
	eL		20 22
TUC-T	iP		08 13 14
	eL		20 13
Feb. 6			
COL	iP		09 19 46
	i		20 04
EUR	eP		09 19 17
TUC	eP		09 19 16
TUC-T	eP		09 19 17
Feb. 6			
EUR	eP		12 40 30
Feb. 6			
BC	eP		14 41 22
	epP		41 37
	e		41 52
BOZ	eP		14 40 55
	e		41 23
BUT	eP		14 40 46
	ipP		40 58
COL	iP		14 37 31
	eS		41 06
	eL		42 52
COLU	eP		14 43 55
EUR	iP		14 40 58
	ipP		41 14
	iScP		46 36
	eP'P'		15 12 24
HONO	eP		14 39 40
	ipP		39 54
	eS		45 06
	eL		48 10
	eT		15 14 36
	iT		15 03
HH	iP		14 40 29
	ipP		40 41
	iPcP		42 39

Date and Station		Phase	(GCT)
			h m s
HH	eS		14 46 22
	iPcS		46 36
	eScS		50 36
RC	iP		14 41 34
	eScP		46 54
SLC	eP		14 41 14
	epP		41 28
	e		41 44
SJ	iP		14 45 49
	epP		46 06
SIT	iP		14 38 21
	ipP		38 34
THULE	iP		14 41 10
	ipP		41 26
	ePcP		42 40
	iPP		42 54
	epPP		43 06
	ePPP		43 41
	eScP		46 43
	ePcS		46 58
TUC	iP		14 42 02
	ipP		42 17
	eL		57 12
TUC-T	iP		14 42 01
	ipP		42 16
	ePcP		43 34
UK	eP		14 40 33
WASH	eP		14 43 03
	i		43 46
	eL		15 09 54
Feb. 6			
COL	iP		16 12 53
Feb. 6			
EUR	eP		18 33 36
Feb. 6			
BC	eP		20 38 26
COL	eP		20 42 25
EUR	iP		20 38 56
	i		39 01
	i		40 39
HH	iP		20 39 57
RC	eP		20 39 16
TUC	e(P)		20 38 09
TUC-T	eP		20 37 50
	e		38 05
	e		39 15
Feb. 6			
BH	eP		21 14 16
	iS		17 50

Date and Station		Phase	(GCT)
Feb. 6			h m s
EUR	iP		22 32 01
Feb. 6			
BH	iP		23 29 26
	iS		30 31
Feb. 6			
COL	iP		23 39 58
EUR	eP		23 36 38
HH	eP		23 37 17
Feb. 7			
TUC	e(P)		03 41 19
TUC-T	eP		03 41 19
	e		41 32
Feb. 7			
EUR	eP		07 12 22
Feb. 7			
BH	iP		09 40 02C
	iS		42 19
BC	eP		09 45 51C
	e		46 10
	eS		53 10
	eL		58 20
BOZ	eP		09 46 31C
	ePcP		47 42
BUT	eP		09 46 37
	ePP		49 08
	e(S)		54 16
COL	iP		09 49 20C
	ePP		52 24
	e(PPP)		54 56
	iS		59 40
	iPPS		10 00 43
	iSS		05 18
	iPKKP		07 35
	eL		15 38
	eP'P'		15 43
COLU	eP		09 44 08C
	eS		49 56
EUR	iP		09 46 14C
	eP'P'		10 16 16
GUAM	iP'		09 56 09
HONO	eP		09 48 58C
	i		49 12
	iS		58 48
	iPPS		10 00 00
	i		03 08
	eL		10 06
HH	iP		09 46 54C
	iPP		49 02
	eS		55 05
	e		10 09 40
	eP'P'		16 24
	iP'P'		16 43

Date and Station		Phase	(GCT)
			h m s
RC	iP		09 46 00C
	ePP		48 24
	iS		53 20
	e(SCS)		56 26
	eL		57 16
SLC	iP		09 46 06C
	i		46 34
	iPcP		47 12
	iS		53 33
	eSS		57 13
	eL		10 01 01
SJ	iP		09 42 34C
	eS		47 21
	eL		50 08
SIT	iP		09 48 35C
	ePP		51 28
	eS		58 13
	eL		10 17 41
TUC	iP		09 45 12C
	iPcP		47 01
	eS		51 50
	iScS		55 21
	eL		10 00 10
UK	iP		09 46 45D
	e(S)		54 37
	eL		10 01 33
	iP'P'		16 43
WASH	iP		09 44 50D
	iPcP		46 45
	eL		54 21
Feb. 7			
EUR	eP		10 23 39
	iP		23 47
Feb. 7			
BC	eP		10 24 33
BOZ	eP		10 24 21
BUT	iP		10 24 25
COL	iP		10 22 27
EUR	iP		10 24 31
GUAM	iP		10 12 35
HONO	iP		10 21 02
HH	iP		10 24 17
RC	iP		10 24 57
SLC	eP		10 24 36
TUC	iP		10 24 53
	ePP		28 30
TUC-T	iP		10 24 53
UK	eP		10 23 57

Date and Station		Phase (GCT)
Feb. 7		h m s
EUR	eP	10 27 41
Feb. 7		
BC	eP	11 03 51
BOZ	eP	11 03 37
BUT	eP	11 03 44
COL	iP	11 05 29
EUR	eP	11 03 57
HH	eP	11 03 50
RC	iP	11 02 58
SLC	eP	11 03 37
SJ	eP	10 57 48
TUC	eP	11 03 28
	i	03 30
	e	03 44
TUC-T	eP	11 03 28
	iP	03 30
	ePP	06 04
Feb. 7		
EUR	eP	12 12 27
Feb. 7		
EUR	eP	15 02 01
TUC-T	eP	15 00 50
	e	01 16
	e	03 28
Feb. 7		
EUR	eP	16 10 30
TUC-T	iP	16 09 08
	i	09 50
Feb. 7		
COL	e(P')	17 02 32
EUR	iP'	17 03 34
	iPKKP	13 16
HH	iP'	17 03 26
	ePP	05 36
RC	ePP	17 06 15
TUC-T	ePP	17 06 18
Feb. 7		
COL	eP	20 15 25
Feb. 7		
COL	e(P)	20 20 18
HH	iP	20 20 58
THULE	eP	20 17 39

Date and Station		Phase (GCT)
Feb. 7		h m s
HH	iP	20 41 44
Feb. 7		
BUT	eP	21 39 50
EUR	iP	21 39 13
HH	iP	21 39 59
TUC	eP	21 38 35
TUC-T	iP	21 38 36
	e	39 08
	e	39 25
Feb. 7		
RC	eP	21 54 49
Feb. 8		
COL	e(P)	00 06 51
	i	07 04
Feb. 8		
BC	eP	01 12 47
	e	12 52
BOZ	eP	01 11 55
BUT	eP	01 11 53
	ePP	13 58
COL	iP	01 12 15
	eS	20 20
	eL	28 12
	eP' P'	42 09
COLU	eP	01 10 15
	e(S)	16 40
EUR	iP	01 12 35
	i	12 43
	iPcP	13 22
	ePP	14 57
	eP' P'	41 32
	iP' P'	42 03
HH	iP	01 11 47
	e	24 13
RC	iP	01 11 29
	ePP	13 18
SJ	eP	01 10 18
THULE	eP	01 08 50
TUC	iP	01 12 47
	e	14 16
	eL	33 34
TUC-T	iP	01 12 45
	eP' P'	41 56
	iP' P'	42 06
UK	eP	01 13 12
	ePP	15 22
WASH	iP	01 09 29

Date and Station		Phase (GCT)
		h m s
WASH	iPP	01 10 47
	eL	19 08
Feb. 8		
EUR	eP	05 27 03
Feb. 8		
EUR	eP	05 56 46
	epP	58 51
HH	eP	05 56 25
Feb. 8		
COL	iP	05 58 21
	ipP	06 00 28
EUR	eP	05 58 00
	epP	06 00 04
	eP' P'	24 00
GUAM	eP	05 54 24
HONO	eP	05 54 15
HH	eP	05 58 27
	e	06 01 59
THULE	eP'	06 05 18
TUC	iP	05 58 00
TUC-T	eP	05 58 00
	iP	58 02
	ipP	06 00 09
Feb. 8		
EUR	eP	07 05 12
Feb. 8		
EUR	iP	08 29 54
	i	30 03
	eS	30 44
	eL	30 48
Feb. 8		
EUR	eP	08 52 40
Feb. 8		
COL	e(P)	11 38 07
Feb. 8		
COL	iP	12 35 53
EUR	eP	12 35 28
HH	eP	12 35 58
TUC-T	eP	12 35 28
Feb. 8		
COL	iP	12 41 54
HH	eP	12 41 59
Feb. 8		
COL	iP	13 16 16
EUR	iP	13 16 42

Date and Station		Phase (GCT)
		h m s
HH	iP	13 11 01
Feb. 8		
COL	iP	14 09 34
	iS	10 05
	iL	10 21
HH	eP	14 13 54
Feb. 8		
EUR	eP	15 07 46
Feb. 8		
EUR	eP	15 34 01
HH	eP	15 35 26
RC	eP	15 34 48
TUC	e(P)	15 32 09
	e	34 47
Feb. 8		
COL	iP	16 07 39
	epP	08 00
EUR	iP	16 07 03
	ePP	11 42
RC	e(P')	16 12 09
	e	12 27
TUC	iP	16 06 57
TUC-T	iP	16 06 58
	epP	07 20
Feb. 8		
COL	eP	17 01 09
	i	01 23
EUR	iP	17 04 48
	ipP	05 04
HH	eP	17 04 14
	i	04 30
RC	eP	17 05 29
TUC	iP	17 05 58
TUC-T	eP	17 05 58
Feb. 8		
BOZ	eP	18 01 19
EUR	iP	18 00 48
	i	00 55
	eS	01 26
	iL	01 32
HH	eP	18 01 51
	eL	03 44
RC	e(L)	18 04 04
SLC	iP	18 00 18
	i	00 32

Date and Station		Phase	(GCT) h m s
SLC		iS	18 00 37
		iL	01 08
TUC		eP	18 02 50
Feb. 8			
EUR		eP	19 39 20
HH		eP	19 38 47
Feb. 8			
COL		iP	20 42 08
Feb. 8			
HH		iP	20 50 19
SJ		eP	20 43 48
		eL	45 29
Feb. 8			
THULE		eP	23 41 30
Feb. 9			
COL		iP	01 17 24
		iS	17 58
		iL	18 08
Feb. 9			
EUR		eP	04 19 28
HH		eP	04 18 41
Feb. 9			
BC		eP	04 51 04
BOZ		eP	04 50 40
BUT		eP	04 50 34
COL		iP	04 47 27
		eS	51 23
		eL	52 15
COLU		eP	04 53 38
EUR		iP	04 50 43
HONO		eP	04 49 07
		e(S)	54 22
		eL	56 16
HH		iP	04 50 14
		i	50 37
		ePcP	52 18
RC		eP	04 51 22
		e	51 39
		ePP	53 28
SLC		eP	04 50 57
THULE		iP	04 51 00
TUC		iP	04 51 42
		i	52 09
UK		eP	04 50 26
		eL	05 08 32
Feb. 9			
EUR		iP	05 05 22
Feb. 9			
EUR		eP	05 45 40
HH		i(P)	05 46 09
Feb. 9			
RC		eP	09 38 39
Feb. 9			
SIT		eP	09 48 12
		i	48 30
Feb. 9			
EUR		iP	10 04 50
HH		eP	10 05 35
Feb. 9			
EUR		eP	11 02 04
Feb. 9			
EUR		iP	11 07 28
Feb. 9			
EUR		eP	11 59 02
Feb. 9			
COL		iP	15 25 59
HH		eP	15 25 12
Feb. 9			
EUR		e(P)	18 18 26
Feb. 9			
COL		iP	19 42 52
EUR		iP	19 46 30
Feb. 9			
COL		eP	20 47 52
EUR		eP	20 51 19
HH		eP	20 50 49
		e	52 57
Feb. 9			
BC		eP	21 26 36
		epP	27 03
		ePP	30 23
BOZ		e(P)	21 27 13
COL		iP	21 25 32
		ipP	25 52
EUR		iP	21 26 32
		ipP	27 00
		ePKKP	43 40
		epPKKP	44 10
GUAM		eP	21 17 56
		ipP	18 13
		isP	18 28
		iPP	18 41
GUAM		iS	21 21 32
		isS	22 28
HONO		eP	21 22 43
HH		eP	21 26 39
		epP	27 07
		ePP	30 12
		ePKKP	43 34
RC		eP'	21 31 54
		ePKKP	43 13
SIT		e(P)	21 26 13
Feb. 10			
COL		eP	04 05 34
		i	05 50
EUR		eP	04 08 19
HH		eP	04 08 31
		e	11 03
RC		eP	04 09 54
TUC		e(P)	04 10 06
Feb. 10			
BUT		eP	11 35 34
EUR		eP	11 36 43
HH		eP	11 35 43
		eS	36 39
		eL	36 53
Feb. 10			
EUR		eP	13 02 22
HH		eP	13 02 14
Feb. 10			
BC		eP	18 05 08
		eS	05 41
		eL	06 02
BUT		e(P)	18 05 58
		i	06 09
		eS	07 14
		eL	07 40
EUR		iP	18 04 22
HH		e(P)	18 06 25
		eL	08 42
TUC		eP	18 06 40
		e	08 47
Feb. 10			
BC		eP	18 27 03
		e	27 57
EUR		iP	18 26 09
Feb. 10			
COL		i(P)	18 44 45
Feb. 10			
TUC		eP	19 08 36
Feb. 10			
HH		e(P)	20 36 46
Feb. 10			
COL		eP	23 40 32
Feb. 11			
COL		eP	01 24 42
Feb. 11			
COL		eP	01 51 28
EUR		iP	01 47 21
HH		eP	01 48 17
		e	48 28
TUC		eP	01 46 01
		eL	52 03
TUC-T		iP	01 46 01
		i	46 10
		eL	52 12
Feb. 11			
BC		eP	02 48 05
		e	48 57
EUR		iP	02 47 13
HH		eP	02 51 39
TUC		eP	02 49 39
		e	51 48
TUC-T		eP	02 49 39
		e	51 40
Feb. 11			
COL		eP	03 55 48
GUAM		eP	03 47 51
HH		e(P')	04 01 35
THULE		iP	03 56 57
		ePP	04 00 40
TUC		ePP	04 02 59
TUC-T		ePP	04 02 55
		e	07 09
Feb. 11			
COL		e(P)	03 59 58
		i	04 00 06
Feb. 11			
HH		eP	08 48 49
Feb. 11			
GUAM		iP	09 25 54
		iS	26 07
		iL	26 17
HH		eP	09 38 11

Date and Station		Phase (GCT)
		h m s
Feb. 11		
COL	eP	11 01 21
Feb. 11		
COL	iP	13 01 41
Feb. 11		
BC	iP	13 57 46
	e	57 53
	eL	14 05 47
BOZ	eP	13 58 44
BUT	eP	13 58 50
	e	14 02 00
COL	iP	14 02 19
	iPcP	03 06
	eL	22 47
COLU	eP	13 57 12
EUR	iP	13 58 14
HH	iP	13 59 11
	i	59 19
	ePcP	14 01 16
	i	01 42
RC	eP	13 58 28
SLC	eP	13 58 08
	e	58 40
THULE	iP	14 02 40
TUC	eP	13 56 54
	iPP	57 14
	eS	14 00 28
	i	00 46
	eL	02 30
TUC-T	iP	13 56 55
	iL	14 02 44
Feb. 11		
HH	eP	14 30 03
Feb. 11		
EUR	eP	16 15 41
Feb. 11		
THULE	iP	17 11 10
Feb. 11		
TUC-T	eP	17 41 45
Feb. 11		
COL	iP	18 14 15
Feb. 11		
COL	eP	20 09 38
EUR	eP	20 06 27
HH	iP	20 07 08
	i	07 17
SJ	iP	20 02 54
	ePP	03 38

Date and Station		Phase (GCT)
		h m s
THULE	eP	20 09 23
TUC	eP	20 05 24
TUC-T	iP	20 05 24
	e	05 34
Feb. 11		
BOZ	eP	21 49 14
BUT	eP	21 49 09
COL	iP	21 49 09
	i	49 22
EUR	iP	21 48 38
HH	iP	21 49 11
TUC	eP	21 48 38
TUC-T	iP	21 48 39
Feb. 12		
EUR	iP	00 13 35
COL	eP	00 14 04
TUC	eP	00 13 31
TUC-T	eP	00 13 30
Feb. 12		
EUR	eP	06 03 12
Feb. 12		
RC	e(P)	08 17 17
Feb. 12		
HH	e(P)	09 06 56
EUR	e(P)	09 07 28
	i	07 39
COL	eP	09 04 02
Feb. 12		
COL	eP	09 20 47
HH	iP	09 23 36
EUR	iP	09 24 03
	i	24 33
	iPcP	25 48
THULE	eP	09 24 20
TUC	iP	09 25 03
	ePcP	26 17
TUC-T	iP	09 25 03
Feb. 12		
BC	eP	17 16 18
COL	iP	17 16 23
	i	16 50
EUR	iP	17 16 21

Date and Station		Phase (GCT)
		h m s
TUC	eP	17 16 25
TUC-T	iP	17 16 25
Feb. 12		
COL	iP	18 09 00
	i	09 15
HH	eP	18 10 44
Feb. 12		
THULE	iP	20 52 05
	e(S)	52 26
	eL	52 45
Feb. 12		
HH	i(P)	21 11 26
Feb. 12		
EUR	e(P)	21 32 51
	e	33 06
COL	eP	21 33 25
TUC-T	eP	21 32 52
	i	33 12
Feb. 12		
EUR	eP	23 48 11
Feb. 13		
EUR	iP	00 41 54
HH	e(P)	00 41 14
RC	eP	00 43 34
	i	43 37
TUC	eP	00 43 35
TUC-T	iP	00 43 36
Feb. 13		
COL	eP	01 58 02
	e	59 47
EUR	iP	01 57 35
HH	eP	01 58 03
TUC	iP	01 57 35
	i	58 07
TUC-T	iP	01 57 35
Feb. 13		
EUR	eP	02 18 28
	i	18 47
HH	eP	02 18 20
Feb. 13		
EUR	iP	02 21 41
TUC-T	eP	02 22 07
Feb. 13		
EUR	eP	03 43 27

Date and Station		Phase (GCT)
		h m s
Feb. 13		
EUR	eP	06 20 46
Feb. 13		
EUR	eP	07 18 26
Feb. 13		
EUR	i(P)	12 00 45
	iP	00 47
Feb. 13		
COL	eP	13 25 09
	e	27 04
Feb. 13		
COL	iP	15 21 14
	ipP	23 02
EUR	iP	15 20 51
HH	iP	15 21 19
TUC-T	iP	15 20 51
Feb. 13		
COL	eP	15 43 43
EUR	iP	15 47 15
	e	47 55
Feb. 13		
TUC-T	iP	19 46 37
	e	47 45
Feb. 13		
COL	eP	19 58 46
Feb. 13		
COL	eP	21 07 06
Feb. 13		
COL	eP	21 32 30
Feb. 13		
HH	eP	21 53 49
Feb. 13		
HH	eP	22 10 35
Feb. 13		
EUR	eP	23 03 43
Feb. 14		
TUC	eP	00 00 04
	e	00 20
Feb. 14		
COL	eP	04 49 47
COLU	eP'	04 55 56
EUR	eP'	04 55 05
HH	eP'	04 55 03
RC	eP'	04 55 20
	ePP	57 13
TUC	eP'	04 55 17

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Date and Station	Phase	Phase (GCT) h m s
TUC-T	eP'	04 55 17
WASH	iP'	04 55 51
Feb. 14		
EUR	e(P)	05 08 21
Feb. 14		
COL	eP	07 42 29
EUR	iP	07 43 03
Feb. 14		
TUC-T	eP	09 21 08
Feb. 14		
COL	iP	10 04 17
EUR	eP	10 03 54
TUC	iP	10 03 56
TUC-T	iP	10 03 57
Feb. 14		
COL	eP	20 39 15
	iS	40 02
	iL	40 08
Feb. 14		
COL	iP	22 22 28
THULE	iP	22 22 31
Feb. 14		
COL	iP	22 37 34
EUR	eP'	22 44 17
	i	44 32
HH	iP	22 39 35
	ePP	43 35
RC	ePP	22 44 30
THULE	iP	22 37 37
TUC	e(P')	22 44 33
TUC-T	eP'	22 44 33
Feb. 14		
COL	eP	23 00 11
Feb. 15		
TUC	eP	02 31 27
TUC-T	eP	02 31 27
Feb. 15		
GUAM	iP	02 45 30
	eS	45 43
	iL	45 47
Feb. 15		
BOZ	eP	04 15 25
BUT	eP	04 15 21
COL	iP	04 13 00
EUR	iP	04 15 48
HH	iP	04 45 09
RC	eP	04 15 25
SLC	e(P)	14 15 48
THULE	eP	04 12(13)
Feb. 15		
BH	e(PP)	04 14 53
	eS	21 24
BOZ	eP'	04 18 29
COL	eP'	04 19 10
	iP'	19 24
	ePKS	24 13
	eSKKS	29 12
	e	38 20
	eS	42 35
	eL	59 16
EUR	iP'	04 18 22
	iPP	20 06
	ePKKP	28 08
HH	iP'	04 18 34
	iPKS	21 54
RC	eP'	04 18 28
SLC	eP'	04 18 22
SJ	eP'	04 19 07
	eL	05 02 08
TUC	eP'	04 18 10
	ePP	19 12
	ePS	28 44
	eL	40 44
TUC-T	iP'	04 18 03
	e	20 07
	ePKKP	28 48
	e	29 17
Feb. 15		
BOZ	eP'	05 01 39C
BUT	eP'	05 01 40D
	e(PP)	03 0[illegible]
COL	eP'	05 02 22
	iP'	02 32
	i	02 44
	e	04 26
COLU	eP'	05 01 19C
EUR	iP'	05 01 33C
	iPP	03 25D
	ePKKP	11 29
	eSKKP	14 42
HH	iP	05 01 44C
	iPKS	05 04
RC	eP'	05 01 28C
	ePKS	05 05
SLC	eP'	05 01 34C
TUC	iP'	05 01 17D
	ePP	02 16
TUC-T	iP'	05 01 18D
	ePP	02 17
	e	02 47
	ePKKP	12 08
	e	12 31
Feb. 15		
EUR	eP	05 19 08
HH	iP	05 19 37
TUC	iP	05 18 19
	eL	43 31
TUC-T	iP	05 18 19
Feb. 15		
COL	iP	06 00 00
HH	iP	06 00 56
Feb. 15		
COL	eP	07 40 09
HH	iP	07 39 22
Feb. 15		
HH	i(P)	08 40 41
Feb. 15		
GUAM	iP	08 44 09
	iS	44 15
Feb. 15		
RC	e(P)	09 15 08
Feb. 15		
COL	eP	15 14 23
Feb. 15		
HH	e(P)	16 26 24
Feb. 15		
HH	e(P)	18 05 46
Feb. 15		
COL	eP	23 38 36
HH	eP	23 36 06
SJ	iP	23 31 38
THULE	iP	23 38 17
TUC	eP	23 34 25
TUC-T	iP	23 34 25
Feb. 16		
BH	iP	00 42 06
	iS	44 02
BC	eP	00 48 23
BOZ	eP	00 49 36
BUT	eP	00 49 05
	ePP	51 15
COL	iP	00 51 52
	ePP	55 07
	eS	01 02 01
	eSS	07 23
	eL	21 01
COLU	eP	00 46 28
EUR	iP	00 48 44
HH	iP	00 49 23
RC	iP	00 48 26
	e(PP)	51 00
SJ	iP	00 44 55
THULE	eP	00 51 33
TUC	iP	00 47 41
	ePP	49 29
	e(S)	54 18
	eL	58 03
TUC-T	iP	00 47 41
	ePP	49 35
Feb. 16		
HH	eP	01 03 45
SJ	iP	00 59 16
THULE	iP	01 05 55
TUC	eP	01 02 03
TUC-T	eP	01 02 04
Feb. 16		
THULE	eP	01 14 34
Feb. 16		
HH	eP	01 24 42
SJ	eP	01 20 15
TUC-T	e(P)	01 23 05
Feb. 16		
SLC	eP	05 48 34
Feb. 16		
COL	iP	08 06 50
	epP	08 43
GUAM	iP	08 02 49
	iPP	04 55

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Date and Station		Phase (GCT)
		h m s
HH	eP	08 06 56
THULE	eP'	08 12 21
TUC	iP	08 06 26
	ipP	08 19
TUC-T	iP	08 06 27
	ipP	08 20
Feb. 16		
COL	eP	08 17 13
Feb. 16		
COL	iP	10 56 07
HH	eP	10 58 26
Feb. 16		
BC	e(P)	12 25 04
COL	eP	12 28 35
HH	eP	12 26 02
RC	eP	12 25 03
SJ	eP	12 21 20
TUC	eP	12 24 24
TUC-T	iP	12 24 23
Feb. 16		
HH	e(P)	13 45 52
Feb. 16		
BH	eP	17 58 12
	e	18 00 34
BOZ	eP	18 02 13
COL	iP	18 04 59
COLU	eP	17 59 10
EUR	eP	18 01 24
HH	eP	18 02 01
RC	eP	18 00 59
SJ	e(P)	17 59 11
THULE	eP	18 04 49
TUC	eP	18 00 19
TUC-T	eP	18 00 16
	iP	00 17
	e	02 18
Feb. 16		
EUR	iP	23 51 53
TUC	iP	23 53 00

Date and Station		Phase (GCT)
		h m s
TUC-T	iP	23 52 59
	e	53 20
Feb. 17		
COL	eP	03 04 16
EUR	eP	03 01 07
HH	eP	03 01 56
SJ	iP	02 57 15
THULE	eP	03 03 54
TUC	eP	03 00 06
	e	00 14
TUC-T	eP	03 00 05
Feb. 17		
TUC	eP	07 50 57
TUC-T	eP	07 50 55
Feb. 17		
COL	eP	11 34 01
EUR	iP	11 34 15
HH	i(P')	11 39 18
TUC	eP	11 34 23
	e	34 30
TUC-T	eP	11 34 23
Feb. 17		
COL	eP	12 01 03
EUR	iP	12 02 59
	e	03 25
GUAM	iP	11 50 40
HH	iP	12 02 51
TUC	eP	12 03 28
	e	06 53
TUC-T	eP	12 03 28
	e	03 54
	e	06 53
Feb. 17		
EUR	eP	12 06 55
	e(S)	07 56
	eL	08 10
SLC	eP	12 06 38
Feb. 17		
BC	iP	12 11 04
	e	11 17
BOZ	eP	12 10 38
	e	10 58
BUT	eP	12 10 28
	ePeP	12 35

Date and Station		Phase (GCT)
		h m s
COL	iP	12 07 18
	eS	10 25
	eL	10 57
COLU	eP	12 13 42
EUR	iP	12 10 40
	i	10 57
GUAM	iP	12 12 11
HONO	eP	12 09 28
HH	iP	12 10 11
	iPeP	12 34
RC	iP	12 11 22
	ePP	13 11
SLC	iP	12 10 55
	e	11 42
	e	13 36
SJ	iP	12 15 41
SIT	eP	12 08 03
	e	08 28
	iS	12 17
	eL	18 23
THULE	eP	12 11 11
	iP	11 12
	eS	17 39
TUC	iP	12 11 43
	iPP	13 34
	e(S)	19 27
	eL	27 22
TUC-T	iP	12 11 43
	i	12 33
	iPP	13 36
	e(S)	20 02
	eL	28 07
WASH	iP	12 13 35
	i	13 59
Feb. 17		
EUR	e(P)	12 14 06
Feb. 17		
COL	eP	12 42 02
EUR	eP	12 42 02
SJ	eP	12 35 41
Feb. 17		
BUT	iP	13 01 17
COL	iP	12 58 42
EUR	iP	13 01 25
	i	01 45
GUAM	iP	12 53 31
	i	53 52
	iS	56 55

Date and Station		Phase (GCT)
		h m s
HH	iP	13 01 05
	i	01 26
RC	iP	13 01 51
THULE	iP	13 00 32
	i	00 52
	i	01 03
	i	01 18
TUC	eP	13 02 04
	e	02 35
TUC-T	iP	13 02 04
Feb. 17		
EUR	eP	13 32 18
THULE	e(P)	13 37 34
Feb. 17		
COL	iP	14 03 16
	i(S)	03 40
	iL	03 51
HH	iP	14 07 35
Feb. 17		
COL	iP	15 53 00
	eL	55 32
EUR	iP	15 57 03
	i	57 25
HH	iP	15 56 22
	e	56 44
RC	eP	15 57 37
THULE	iP	15 57 35
TUC-T	eP	15 58 12
	e	58 28
Feb. 17		
COL	iP	20 14 04
	i(s)	15 58
	iL	16 49
EUR	eP	20 17 35
HH	eP	20 16 05
	e(s)	19 09
	eL	20 34
THULE	eP	20 16 33
	i	17 18
	iS	20 11
Feb. 17		
COL	iP	22 08 57
Feb. 17		
COL	eP	22 43 23
Feb. 18		
EUR	iP	00 45 33

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Date and Station		Phase	(GCT) h m s
HH		iP	00 46 02
RC		eP	00 45 20
		e	46 01
TUC		iP	00 44 45
		e	45 25
TUC-T		iP	00 44 45
		e	45 14
Feb. 18			
GUAM		iP	01 55 12
		iS	55 32
		iL	55 36
Feb. 18			
COL		eP	02 09 41
		epP	11 24
EUR		iP	02 09 17
		ipP	10 59
GUAM		iP	02 05 42
HH		e(P)	02 12 08
TUC		iP	02 09 17
		ipP	11 05
TUC-T		eP	02 09 18
		epP	11 01
		ipP	11 05
Feb. 18			
COL		iP	02 53 34
Feb. 18			
COL		eP	06 08 47
EUR		iP	06 12 03
HH		eP	06 11 35
TUC		eP	06 13 03
TUC-T		eP	06 13 03
Feb. 19			
COL		iP	07 46 08
		i	46 20
Feb. 18			
HH		e(P)	10 35 49
Feb. 18			
COL		iP	10 48 29
		i(S)	49 12
		iL	49 45
Feb. 18			
BC		e(P)	12 17 07
COL		iP	12 13 34
EUR		iP	12 16 50
HH		iP	12 16 22
		i	16 36

Date and Station		Phase	(GCT) h m s
RC		eP	12 17 13
THULE		eP	12 15 30
TUC		eP	12 17 36
TUC-T		eP	12 17 36
		e	17 55
Feb. 18			
COL		i(P)	12 59 53
		e	13 00 41
Feb. 18			
EUR		iP	17 41 37
GUAM		iP	17 29 43
		iS	30 14
		iL	30 20
HH		iP	17 41 33
		e	43 18
RC		eP	17 42 13
THULE		eP	17 41 37
TUC-T		eP	17 42 08
Feb. 18			
SLC		eP	22 59 42
Feb. 18			
COL		iP	23 41 39
EUR		iP	23 40 40
HH		iP	23 39 50
		eL	42 18
TUC		eP	23 42 23
TUC-T		eP	23 42 20
Feb. 19			
BC		eP	00 54 42
Feb. 19			
TUC		eP	01 18 04
TUC-T		eP	01 18 05
Feb. 19			
EUR		eP	04 06 48
TUC		iP	04 04 56
		i	05 13
		eL	06 10
TUC-T		eP	04 04 57
		e	05 19
		eL	06 14
Feb. 19			
EUR		e(P)	06 35 41
Feb. 19			
EUR		eP	07 20 03

Date and Station		Phase	(GCT) h m s
RC		eP	07 20 31
Feb. 19			
EUR		eP	09 57 04
HH		e(P)	09 58 15
Feb. 19			
HH		eP	10 13 20
Feb. 19			
EUR		iP	10 47 09
Feb. 19			
COL		eP	12 43 08
EUR		iP	12 46 35
HH		eP	12 46 06
RC		eP	12 47 16
TUC		iP	12 47 36
TUC-T		eP	12 47 36
Feb. 19			
GUAM		iP	15 17 04
		iS	17 20
Feb. 19			
COL		e(P)	16 28 47
Feb. 19			
EUR		eP	17 18 15
Feb. 19			
COL		eP	19 10 54
EUR		eP	19 14 09
Feb. 19			
TUC-T		eP	20 35 04
Feb. 19			
COL		iP	21 14 14
		e(S)	15 11
		eL	15 33
EUR		eP	21 19 05
		i	19 25
HH		iP	21 18 16
		i	18 33
		e	22 13
SIT		eP	21 15 09
		eL	16 49
THULE		eP	21 19 12
		e	20 23
TUC-T		eP	21 20 39
Feb. 19			
EUR		eP	21 30 32
Feb. 19			
COL		eP	23 30 23

Date and Station		Phase	(GCT) h m s
EUR		iP	23 33 53
TUC		eP	23 34 53
TUC-T		eP	23 34 53
Feb. 19			
RC		iP	23 41 43
		e	42 13
Feb. 20			
BOZ		eP	00 55 59
		e	56 34
BUT		eP	00 56 03
COL		eP	00 59 40
EUR		eP	00 55 17
		i	55 34
		e	57 09
HH		iP	00 56 19
		i	57 37
SLC		eP	00 55 16
TUC		iP	00 53 41
TUC-T		iP	00 53 40
		e	56 23
		e	57 44
Feb. 20			
COL		e(P)	01 41 57
Feb. 20			
EUR		eP	01 54 07
HH		eP	01 54 09
RC		eP	01 52 59
SJ		iP	01 46 46
		iS	47 31
		eL	47 33
TUC		eP	01 53 30
TUC-T		iP	01 53 29
Feb. 20			
COL		iP	03 06 04
Feb. 20			
EUR		eP	03 25 43
COL		eP	03 22 29
Feb. 20			
EUR		eP	03 52 29
Feb. 20			
BC		eP	04 24 48
BOZ		eP	04 25 21
BUT		iP	04 25 26

Date and Station		Phase (GCT)
		h m s
COL	eP	04 27 26
	eP'	31 23
	ePP	32 05
EUR	iP	04 25 07
HH	iP	04 25 37
	ipP	26 09
	iPKKP	44 15
RC	iP	04 24 59
	epP	24 23
SLC	eP	04 25 02
SJ	iP	04 21 36
	ePP	23 33
THULE	eP	04 27 12
	eP'	31 14
	ePP	31 33
TUC	eP	04 24 20
TUC-T	iP	04 24 20
	i	24 34
Feb. 20		
EUR	eP	04 37 12
	ipP	37 29
HH	eP	04 36 44
RC	eP	04 37 54
TUC-T	e(P)	04 38 17
Feb. 20		
GUAM	iP	05 01 17
Feb. 20		
COL	iP	06 08 51
EUR	iP	06 07 58
HH	eP	06 08 38
RC	e(P)	06 09 22
Feb. 20		
COL	eP	10 55 47
Feb. 20		
HH	e(P)	11 14 55
Feb. 20		
BC	e	11 21 32
COL	iP	11 17 39
EUR	iP	11 21 08
	epP	23 07
HH	eP	11 20 36
RC	e(P)	11 22 04
	e	22 13
TUC-T	eP	11 22 10

Date and Station		Phase (GCT)
Feb. 20		h m s
HH	iP	11 22 56
	i	23 27
Feb. 20		
COL	eP	11 52 57
EUR	eP	11 56 28
Feb. 20		
COL	iP	12 13 41
	epP	15 43
EUR	eP	12 13 23
TUC	eP	12 13 25
	epP	15 27
TUC-T	eP	12 13 26
	epP	15 27
Feb. 20		
BH	eP	18 19 20
	eS	21 56
BC	eP	18 22 20
	epP	22 53
	eL	32 44
BOZ	eP	18 22 54
	epP	23 16
	esP	23 36
BUT	eP	18 23 10
	ePP	24 34
COL	iP	18 26 36
	ipP	27 16
COLU	eP	18 20 53
	eS	24 30
	eL	26 52
EUR	iP	18 22 47
	ipP	23 07
HH	iP	18 23 31
	iPP	24 59
	eL	32 36
RC	iP	18 22 28
	epP	23 01
	isP	23 17
	eL	30 03
SLC	eP	18 22 33
	e	23 28
SJ	eP	18 21 28
	iPcP	25 12
THULE	iP	18 26 34
TUC	iP	18 21 37
	ipP	22 08
	e(S)	26 26
	eL	26 51
TUC-T	iP	18 21 37
	e	24 49

Date and Station		Phase (GCT)
		h m s
TUC-T	eL	18 30 03
WASH	iP	18 21 36
	iPP	22 31
	e	24 07
	e(S)	26 27
UK	iP	18 23 24
Feb. 20		
EUR	eP	19 41 23
TUC	eP	19 40 14
TUC-T	eP	19 40 14
	e	40 32
Feb. 20		
SJ	e(P)	21 09 13
Feb. 20		
COL	iP	23 02 25
EUR	iP	23 05 54
HH	eP	23 05 26
Feb. 20		
HH	iP	23 07 42
Feb. 21		
COL	iP	03 43 57
Feb. 21		
EUR	iP	04 16 41
HH	iP	04 16 22
RC	iP	04 16 30
	i	16 36
Feb. 21		
THULE	e(P)	06 33 14
	e	33 28
Feb. 21		
THULE	eP	07 33 56
Feb. 21		
COL	eP	08 39 16
GUAM	eP	08 32 29
THULE	eP	08 40 11
Feb. 21		
THULE	e(P)	13 17 15
Feb. 21		
EUR	e(P)	14 53 58
Feb. 21		
BC	eP	15 03 48
EUR	eP	15 04 38
TUC	eP	15 03 22
	i	03 36

Date and Station		Phase (GCT)
		h m s
TUC-T	eP	15 03 17
	e	03 27
	eL	04 10
Feb. 21		
THULE	eP	18 28 56
	e	30 07
Feb. 21		
COL	eP	20 19 13
EUR	eP	20 22 23
Feb. 22		
EUR	iP	01 18 36
Feb. 22		
EUR	eP	01 35 05
Feb. 22		
HH	eP	01 43 15
	e	43 28
	e(S)	44 42
	eL	44 51
Feb. 22		
EUR	eP	03 22 03
Feb. 22		
COL	eP	03 42 27
HH	eP	03 44 26
THULE	eP	03 42 17
Feb. 22		
EUR	iP	03 47 13
HH	iP	03 46 44
RC	eP	03 47 34
Feb. 22		
BC	eP	05 32 31
	e	33 23
TUC	eP	05 32 58
	i	33 08
	iL	34 25
TUC-T	e(P)	05 33 06
	eL	34 27
Feb. 22		
EUR	iP	06 51 18
Feb. 22		
COL	iP	09 05 39
Feb. 22		
COL	iP	10 39 14
	ePP	43 05
EUR	eP	10 40 54
	eP'	44 43
	iPP	45 26
	ePKKP	55 37

Date and Station		Phase	(GCT)
			h m s
GUAM		iP	10 31 24
		iPP	31 57
		iS	35 24
HH		eP	10 44 40
RC		eP	10 44 57
SJ		eP'	10 46 45
		iPP	47 28
TUC-T		eP	10 44 54
Feb. 22			
COL		eP	12 02 42
EUR		iP	12 05 30
HH		iP	12 05 08
Feb. 22			
TUC		eP	20 04 07
Feb. 22			
BC		e(P)	21 00 18
COL		iP	20 56 22
Feb. 22			
EUR		e(P)	22 17 52
Feb. 22			
COL		eP	23 01 44
		i	02 03
EUR		e(P)	23 01 59
Feb. 23			
COL		eP	00 03 39
EUR		eP	00 06 58
HH		e(P)	00 06 33
THULE		eP	00 05 48
		e	06 10
Feb. 23			
COL		iP	02 11 09
EUR		eP	02 12 15
GUAM		iP	02 03 17
		i	03 35
		iS	06 28
		iL	07 20
HH		eP	02 12 20
Feb. 23			
EUR		eP	02 28 56
		i	29 09
		i	29 24
HH		eP	02 28 49
Feb. 23			
THULE		eP	07 46 51
		e	46 53

Date and Station		Phase	(GCT)
			h m s
Feb. 23			
COL		iP	08 01 39
EUR		eP	08 00 06
HH		eP	07 59 58
RC		eP	07 58 03
THULE		eP	07 59 44
		e	59 53
TUC		eP	07 59 41
		e	59 47
Feb. 23			
THULE		e(P)	09 11 29
		e	12 14
Feb. 23			
BC		eP	10 41 18
		epP	41 46
BUT		eP	10 40 37
COL		iP	10 37 11
		iPP	38 16
		eS	41 53
EUR		iP	10 40 56
		ipP	41 23
		iPP	43 06
HH		iP	10 40 20
		i	41 31
		e(ScP)	45 16
RC		iP	10 41 19
		epP	41 46
		iPcP	42 00
SLC		eP	10 41 06
THULE		iP	10 39 40
		iScP	44 55
		eS	46 23
TUC		iP	10 41 50
		epP	42 18
		ePP	44 17
TUC-T		iP	10 41 51
		epP	42 18
Feb. 23			
THULE		eP	11 53 32
		eS	55 29
		eL	55 48
Feb. 23			
COL		iP	12 01 00
		i	01 16
EUR		eP	12 04 22
HH		e(P)	12 03 54
THULE		eP	12 03 14

Date and Station		Phase	(GCT)
			h m s
Feb. 23			
BOZ		eP	16 14 42
COL		iP	16 11 14
		ipP	11 28
		eL	19 17
EUR		eP	16 14 51
		ipP	15 02
HH		eP	16 14 19
		ipP	14 30
RC		eP	16 15 18
		ipP	15 29
THULE		iP	16 13 46
TUC		eP	16 15 49
TUC-T		eP	16 15 48
		i(pP)	15 55
Feb. 23			
EUR		eP	18 46 04
TUC-T		iP	18 46 07
Feb. 23			
HH		e(P)	19 20 32
Feb. 23			
TUC-T		eP	19 25 55
Feb. 23			
EUR		eP	19 30 30
Feb. 23			
COL		eP	20 04 07
EUR		eP'	20 03 49
HH		e(P)	20 04 16
Feb. 23			
EUR		eP'	21 51 09
		e	51 31
HH		eP'	20 50 47
		iP'	50 53
RC		eP'	20 50 59
		e	51 12
Feb. 23			
BC		eP	22 33 50
COL		eP	22 34 28
EUR		iP	22 33 57
		i	34 16
GUAM		eP	22 30 38
HH		e(P)	22 34 23
THULE		eP'	22 39 54
TUC-T		iP	22 33 53
		i	34 12

Date and Station		Phase	(GCT)
			h m s
Feb. 23			
HH		eP	22 51 21
Feb. 24			
COL		eP	00 55 38
EUR		eP	00 59 00
		i	59 15
HH		eP	00 58 37
THULE		eP	00 57 52
Feb. 24			
COL		eP	02 09 07
Feb. 24			
EUR		eP	05 28 08
TUC		eP	05 27 06
Feb. 24			
COL		eP	07 58 30
EUR		eP	07 57 01
THULE		eP	07 44 59
		e(S)	45 31
Feb. 24			
TUC		eP	09 33 48
TUC-T		eP	09 33 46
Feb. 24			
EUR		eP	09 48 42
HH		eP	09 39 20
		eL	40 22
Feb. 24			
COL		e(P)	11 17 44
HH		eP	11 16 55
THULE		iP	11 17 13
Feb. 24			
BC		eP	11 21 50
		e	22 06
COL		iP	11 18 12
EUR		iP	11 21 31
		i	21 46
HH		iP	11 21 03
RC		eP	11 21 57
THULE		iP	11 20 22
TUC		eP	11 22 20
TUC-T		iP	11 22 20
		e	22 33
Feb. 24			
EUR		eP	11 40 04

Date and Station		Phase (GCT)
		h m s
Feb. 24		
COL	e(P)	11 50 58
EUR	eP	11 50 03
HH	iP	11 50 13
	e	53 33
THULE	eP	11 50 30
Feb. 24		
COL	eP	12 57 46
	ipP	58 07
EUR	eP	12 59 53
GUAM	iP	12 50 31
THULE	eP	12 58 47
Feb. 24		
EUR	eP	13 03 00
Feb. 24		
TUC-T	eP	13 40 14
	iP	40 19
Feb. 24		
EUR	eP	13 53 22
Feb. 24		
EUR	eP'	16 31 04
HH	iP'	16 30 57
Feb. 24		
COL	eP	17 47 39
	i	47 55
	iS	48 53
	iL	49 06
EUR	eP	17 49 59
HH	e(P)	17 49 28
Feb. 24		
HH	iP	17 51 56
Feb. 24		
COL	iP	19 42 44
Feb. 24		
HH	e(P)	21 32 19
Feb. 25		
HH	e(P)	02 43 17
THULE	eP	02 47 53
	e	49 48
Feb. 25		
HH	e(P)	03 14 16
TUC	e(P)	03 13 45
TUC-T	eP	03 13 46
Feb. 25		
EUR	e(P)	04 15 26
	e	15 32

Date and Station		Phase (GCT)
		h m s
EUR	eS	04 16 15
	eL	16 27
UK	eP	04 15 04
	eL	15 45
Feb. 25		
TUC-T	e(P)	05 32 06
Feb. 25		
HH	eP	05 49 31
Feb. 25		
COL	eP	10 01 22
Feb. 25		
HH	eP	10 11 51
	iL	12 24
Feb. 25		
BOZ	eP	10 14 48
COL	iP	10 14 38
	epP	16 37
EUR	iP	10 14 17
GUAM	iP	10 10 53
HH	eP	10 14 45
RC	eP	10 15 08
THULE	eP'	10 20 22
TUC	iP	10 14 18
	epP	16 15
TUC-T	iP	10 14 19
	epP	16 16
Feb. 25		
COL	e(P)	10 24 36
Feb. 25		
BOZ	eP	11 30 39
BUT	eP	11 30 33
	epP	32 25
COL	iP	11 28 08
	i	28 26
	epP	29 54
EUR	iP	11 30 40
	epP	32 40
HH	iP	11 30 23
	epP	32 14
RC	eP	11 31 05
	epP	32 59
THULE	iP	11 29 49
	epP	31 40
TUC	eP	11 31 16

Date and Station		Phase (GCT)
		h m s
Feb. 25		
COL	eP	13 16 19
EUR	eP	13 19 53
Feb. 25		
THULE	eP	13 42 39
Feb. 25		
EUR	eP	14 02 09
Feb. 25		
COL	eP	16 25 19
Feb. 25		
COL	eP	16 41 37
	e	41 45
	i	41 58
Feb. 25		
HH	eP	18 36 33
Feb. 25		
COL	eP	20 20 48
	epP	21 44
	ePP	24 24
EUR	eP	20 22 48
	eP'	26 46
	ePKKP	37 35
GUAM	iP	20 12 51
HH	eP	20 22 18
	eP'	26 30
THULE	eP	20 22 02
	eP'	26 02
Feb. 25		
HH	iP	20 59 36
Feb. 25		
COL	eP'	23 59 54
HH	iP'	23 59 53
THULE	eP'	00 00 43
Feb. 26		
COL	iP	01 53 23
EUR	iP	01 55 53
	e	56 25
HH	iP	01 55 34
Feb. 26		
EUR	eP	01 59 21
Feb. 26		
RC	eP	03 04 36
	e	04 52
	e	05 12
EUR	eP	03 05 21
	i	05 26
	eS	06 45
	eL	07 06

Date and Station		Phase (GCT)
		h m s
TUC	e(P)	03 04 27
	i	04 30
	e	04 43
	eL	05 47
TUC-T	e(P)	03 04 26
	i	04 31
	eL	05 50
Feb. 26		
COL	iP	04 03 08
EUR	eP	04 06 30
HH	iP	04 06 01
TUC	iP	04 07 32
TUC-T	iP	04 07 32
Feb. 26		
COL	eP	04 11 23
EUR	eP	04 14 52
Feb. 26		
COL	iP	04 53 37
	i	54 07
EUR	eP	04 54 43
GUAM	iP	04 45 34
Feb. 26		
COL	iP	07 07 27
EUR	eP	07 09 23
HH	eP	07 08 20
RC	eP	07 08 18
THULE	eP	07 02 57
	iP	02 58
	i	03 19
	iS	05 07
	iL	05 25
TUC	eP	07 10 03
Feb. 26		
COL	e(P)	07 34 42
EUR	eP	07 31 40
HH	eP	07 30 40
	e	33 52
Feb. 26		
HH	e(P)	07 37 42
Feb. 26		
COL	iP	10 44 46
EUR	eP	10 48 05
	ipP	48 20

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Date and Station		Phase	(GCT)
Feb. 26			h m s
BH	iP		12 55 37
	iS		56 34
FUR	eP		13 03 18
SJ	eP		12 58 20
	e		58 48
TUC	eP		13 02 20
TUC-T	eP		13 02 19
Feb. 26			
COL	eP		14 30 08
Feb. 26			
EUR	eP		17 12 56
Feb. 26			
COL	iP		21 16 47
EUR	eP		21 16 17
TUC-T	eP		21 16 18
Feb. 26			
COL	eP		21 26 04
FUR	eP		21 29 58
Feb. 26			
COL	eP		21 59 00
Feb. 26			
HH	i(P)		22 28 11
Feb. 27			
FUR	eP		00 44 54
	i		45 31
Feb. 27			
EUR	eP		02 59 55
HH	iP		02 59 47
Feb. 27			
THULE	eP		04 00 32
Feb. 27			
RC	e(P)		04 33 44
Feb. 27			
COL	eP		06 19 21
EUR	eP		06 16 19
HH	eP		06 16 29
Feb. 27			
EUR	eP		07 26 36
HH	eP		07 26 24
Feb. 27			
TUC	eP		10 08 12
TUC-T	eP		10 08 13
	e		08 34

Date and Station		Phase	(GCT)
Feb. 27			h m s
THULE	eP		11 10 50
	eL		12 51
Feb. 27			
COL	iP		15 33 30
	i		33 40
EUR	iP		15 32 56
HH	eP		15 33 26
RC	eP		15 33 48
	e		34 08
TUC-T	iP		15 32 54
Feb. 27			
BH	iP		16 11 03
	iS		11 32
Feb. 27			
COL	eP		18 59 28
EUR	eP'		19 04 50
GUAM	iP		18 52 11
	i		53 17
	iS		56 16
HH	iP'		19 04 47
	i		05 20
TUC-T	eP'		19 05 02
Feb. 27			
EUR	e(P)		19 23 23
HH	eP		19 24 09
Feb. 27			
THULE	eP		20 08 31
Feb. 27			
HH	i(P)		20 58 39
Feb. 27			
RC	eP		21 09 49
	e		10 01
BOZ	eP		21 09 30
	e		09 45
BUT	eP		21 09 26
COL	iP		21 06 59
	i		07 18
	eS		15 43
	iS		15 52
	eL		28 17
EUR	iP		21 09 36
	i		09 50
GUAM	iP		21 01 14
	iS		05 06
HH	iP		21 09 16
	i		09 30

Date and Station		Phase	(GCT)
			h m s
HH	ePP		21 12 38
	ePKKP		27 14
RC	eP		21 09 53
SIT	eP		21 07 50
THULE	iP		21 08 17
TUC	iP		21 10 13
	e		10 26
	ePP		14 10
TUC-T	iP		21 10 12
	e		10 27
	ePP		14 10
UK	eP		21 09 13
	e		09 27
Feb. 27			
EUR	e(P)		21 13 09
Feb. 27			
COL	eP		21 36 11
GUAM	iP		21 31 58
Feb. 27			
THULE	iP		21 50 51
Feb. 27			
BC	iP		22 20 37
	e		20 40
EUR	iP		22 20 43
	iL		21 38
HH	eP		22 22 31
	eL		25 27
RC	eP		22 22 06
	e		22 28
	eL		24 40
SLC	eP		22 20 43
	eL		21 26
TUC	eP		22 21 19
	i		21 33
	iL		22 49
TUC-T	e(P)		22 21 23
	i		21 34
	iL		22 53
Feb. 27			
BH	iP		23 30 25
	iS		31 42
Feb. 28			
COL	eP		00 28 19
Feb. 28			
BC	e(P)		01 40 08
BOZ	eP		01 39 37

Date and Station		Phase	(GCT)
			h m s
COL	iP		01 36 11
	e(S)		39 57
	eL		41 01
EUR	iP		01 39 42
	i		39 56
	e(PcP)		42 14
HH	iP		01 39 10
	iPcP		41 47
RC	eP		01 40 34
THULE	iP		01 40 13
TUC	eP		01 40 47
	ePP		42 33
TUC-T	eP		01 40 47
	ePPP		43 17
Feb. 28			
COL	eP		04 06 52
Feb. 28			
EUR	eP		05 07 50
	e		08 07
HH	eP		05 07 39
Feb. 28			
COL	eP		05 38 32
Feb. 28			
COL	eP		06 11 55
Feb. 28			
COL	iP		06 13 14
EUR	eP		06 12 51
HH	eP		06 13 22
TUC	eP		06 12 54
TUC-T	iP		06 12 55
Feb. 28			
COL	eP		06 19 29
	e		21 36
TUC-T	e(P)		06 19 09
Feb. 28			
BC	eP		07 02 45
COL	iP		07 03 14
EUR	eP		07 02 51
HH	eP		07 03 20
TUC	eP		07 02 52
TUC-T	iP		07 02 52
Feb. 28			
COL	eP		11 34 14

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Date and Station	Phase	(GCT)
Feb. 28		h m s
COL	eP'	12 03 19
EUR	eP'	12 03 10
THULE	eP'	12 03 57
	e	04 32
Feb. 28		
COL	iP	13 07 52
Feb. 28		
COL	eP	13 38 34
EUR	eP	13 38 15
TUC	iP	13 38 15
TUC-T	iP	13 38 16
	e(PP)	41 28
Feb. 28		
COL	e(P)	15 03 10
Feb. 28		
BH	iP	17 08 49
	eS	19 33
HH	i(P)	17 17 54
	i	18 31
Feb. 28		
EUR	eP	17 35 40
Feb. 28		
BC	eP	18 01 57
Feb. 28		
RC	e(P)	18 54 32
Feb. 28		
EUR	eP	20 19 43
HH	e(P)	20 21 49
Feb. 28		
COL	eP	22 34 47

Date and Station	Phase (GCT)
	h m s

Date and Station	Phase (GCT)
	h m s
Local and Minor Earthquakes	
Feb.	
BUT	
1	03.2
8	18.0
17	22.8
22	01.7
25	10.2
Feb.	
COL	
3	21.8
4	03.1
	15.4
5	00.8
7	23.4
8	07.7
9	21.4
10	08.7
11	15.9
13	12.6
	14.3
14	06.5
15	13.7
16	12.1
18	00.6
	17.6
24	17.3
25	08.3
	21.4
Feb.	
EUR	
2	14.8
3	03.2
26	11.7
Feb.	
KIP	
2	22.0
Feb.	
HONO	
20	06.0
	23.8
21	22.8
22	22.6
23	00.5
26	10.2
27	01.2
	02.1
Feb.	
RC	
22	01.7
Feb.	
SJ	
2	10.5
13	15.2
19	07.5
21	19.1
23	03.3
27	14.0

Date and Station	Phase (GCT)
	h m s
Feb.	
SIT	
26	07.5
Feb.	
TUC	
1	06.6
	10.0
5	02.7
6	12.0
	13.7
8	21.9
10	12.3
	22.6
11	14.0
12	07.7
13	00.0
14	09.2
16	06.8
18	06.0
19	08.7
	11.1
	12.3
21	14.3
	14.4
	14.5
	14.6
	14.7
	14.8
	15.7
22	08.1
23	12.1
24	03.2
25	04.6
26	03.4
	04.5
	12.7
	13.3
27	03.7
	04.4
28	07.2
	10.2
Feb.	
UK	
5	07.0
12	17.8
17	13.5
18	22.9
21	05.0
23	20.6