USCGS
48

SEISMOLOGICAL BULLETIN

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March, 1960

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U. S. DEPARTMENT OF COMMERCE

Luther H. Hodges, 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the data from the horizontal components of the seismographs at all stations except College, Honolulu, and Tucson will not be published for earthquakes occurring outside the United States.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
March	h m s	°		°		
1	03 26 41*	18½	S.	178	W.	Fiji Islands. h about 600 km.
1	08 07 30*	22	S.	171	E.	Loyalty Is. region.
1	19 59 33*	22	S.	175	W.	Tonga Islands.
1	21 54 50*	4	S.	127½	E.	Boeroe, Ceram Islands region.
2	00 10 26*	19	N.	101½	W.	Michoacan, Mexico. Felt at Mexico City.
2	04 34 46*	17	N.	93	W.	Chiapas, Mexico.
2	21 56 25*	52	N.	30	W.	North Atlantic Ocean.
3	01 02 20*	7	S.	156	E.	Solomon Islands.
3	01 42 46*	11	N.	62½	W.	Near coast of Venezuela. Felt at Trinidad. h about 100 km.
3	04 59 20*	64½	N.	150	W.	Central Alaska. Felt at College and Fairbanks.
3	14 11 21*	10	S.	122½	E.	Sawoe Sea.
3	14 15 02*	40½	N.	78½	E	Sinkiang Province, China.
3	15 39 56*	41	S.	74	W.	Southern Chile, Felt on Chiloe Island. h about 100 km.
3	19 17 34*	13½	S.	178	W.	South of Fiji Islands.
4	01 13 20*	51	N.	175½	W.	Andreanof Islands, Aleutian Islands.
4	02 15 56*	50½	N.	177	W.	Andreanof Islands, Aleutian Islands.
4	03 53 00*	31	N.	129	E.	Near south coast of Kyushu, Japan. h about 100 km. Mag. 6½.
4	11 55 12*	42	N.	141½	E.	Hokkaido, Japan.
4	16 25 25*	72	N.	1½	W.	Jan Mayen Islands region.
4	21 05 45*	7½	N.	94	E.	Nicobar Islands.
5	11 25 00*	29	N.	81	E.	Nepal.
5	13 49 16*	1	N.	129	E.	Halmahera Island. Mag. 6 3/4.
5	15 49 53*	1	N.	129	E.	Halmahera aftershock.
5	20 51 29**					Kermadec Islands. h about 200 km.
5	23 50 38*	29	N.	81	E.	Nepal
6	02 22 06*	1	N.	129	E.	Halmahera aftershock.
6	04 11 54*	24	N.	108	W.	Gulf of California. Mag. 5 - 5¼ (Berk).
6	07 56 28*	44½	N.	149	E.	Kurile Islands.
6	22 26 49*	6½	N.	73	W.	Colombia. h about 200 km.
7	00 51 40*	34½	N.	55	E.	Iran.
7	02 08 04*	5½	S.	101	E.	Off coast of Sumatra.
7	05 13 10*	1½	N.	125½	E.	Celebes.
7	06 12 07*	52	N.	153	E.	Sea of Okhotsk. h about 400 km.
7	09 38 09*	10	S.	160½	E.	Solomon Islands.
7	11 34 23*	23½	N.	123½	E.	Ryukyu Islands.
7	15 47 50*	24½	N.	125	E.	do.
7	23 02 41*	8½	S.	106	E.	Near south coast of Java. h about 100 km.
8	11 51 10*	65	S.	179½	E.	Antarctic Ocean.
8	14 13 45*	44½	N.	111	W.	Hebgen Lake, Montana.

Date 1960	Origin Time G. C. T.	Lat.		Long.		Region, Focal Depth, and Remarks
March	h m s	°		°		
8	16 33 38*	16½	S.	168½	E.	New Hebrides Islands. Felt at Port-Vila. h about 250 km. Mag. 7-7¼.
8	19 28 19*	24	S.	180		South of Fiji Islands. h about 550 km.
9	01 05 42*	5½	S.	148½	E.	New Britain. h about 150 km.
9	19 43 53*	7	S.	156½	E.	Solomon Islands.
9	23 54 20*	16	S.	72	W.	Southern Peru. 1 killed, several injured at Arequipa. h about 150 km.
10	00 40 34*	61	S.	155	E.	About 400 miles northwest of Balleny Islands. h about 100 km.
10	00 24 20*	64	N.	149	W.	Central Alaska. Felt at College and Fairbanks.
10	05 00 23*	31½	S.	179½	E.	Kermadec Islands region. h about 500 km.
10	09 10 47*	7½	N.	126	E.	Mindanao, P. I.
10	09 44 57*	10	S.	161	E.	Solomon Islands.
10	13 44 25*	15	S.	174	W.	Samoa Islands region. Felt at Apia.
10	14 32 39*	47	N.	152	E.	Kurile Islands. h about 100 km.
10	18 55 55*	14½	N.	91½	W.	Guatemala. h about 100 km.
11	04 42 50*	18	N.	69	W.	Eastern Dominican Republic. h about 100 km.
11	11 26 20*	17½	S.	178½	W.	Fiji Islands. h about 600 km.
11	13 11 10*	18½	N.	145	E.	Mariana Islands. h about 200 km.
12	01 30 15*	29½	S.	178	W.	Kermadec Islands.
12	02 14 56*	4	S.	152½	E.	Near coast of New Britain. Felt at Rabaul. h about 150 km.
12	11 54 00*	42	N.	21	E.	Southern Yugoslavia. 1 killed, several injured at Dobi Dol and Tetova.
12	12 47 40**					South Carolina. Felt at Charleston, S. C. and Augusta, Ga.
12	13 47 52*	36½	S.	71	W.	Chile - Argentina border. h about 150 km.
12	20 30 39*	6	S.	152	E.	New Britain. Mag. 6½.
13	02 23 37*	42	N.	143	E.	Near south coast of Hokkaido, Japan.
13	11 46 56*	17	N.	98½	W.	Guerrero, Mexico. h about 150 km.
13	23 53 32*	7½	N.	77	W.	Panama - Colombia border. Felt at Balboa Heights. h about 60 km. Mag. 6-6¼.
14	00 40 43*	7½	N.	77	W.	Panama - Colombia aftershock. h about 60 km.
14	00 52 57*	42½	N.	143	E.	Hokkaido, Japan.
14	10 54 05*	51	N.	180		Aleutian Islands.
14	19 01 35*	41½	N.	142	E.	Near coast of northern Honshu, Japan.
14	19 17 27*	44½	N.	129½	W.	Off coast of Oregon.
14	20 14 33*	29	N.	49½	E.	Persian Gulf.
14	20 57 03*	44½	N.	129½	W.	Off coast of Oregon.
15	03 50 19**					Kermadec Islands region.
15	09 00 55*	2	N.	127½	E.	Molucca Passage.
15	09 20 56*	51	N.	174½	W.	Andreanof Islands, Aleutian Islands
15	10 08 58*	20	S.	174	W.	Tonga Islands.
15	19 31 50*	20½	S.	179	W.	Fiji Islands region. h about 600 km.
15	20 02 33*	47	S.	10	W.	South Atlantic Ocean, 600 miles south of Tristan Da Cunha.

Date 1960	Origin Time G. C. T.	Lat.		Long.		Region, Focal Depth, and Remarks
March	h m s	°		°		
15	22 31 42*	18½	S.	145½	E.	Mariana Islands. h about 150 km.
16	00 33 05*	59½	S.	26	W.	Sandwich Islands.
16	17 39 16*	15½	S.	173	W.	Samoa Islands region.
17	20 13 58*	51	N.	180		Andreanof Islands, Aleutian Islands.
18	01 14 53*	15	N.	90	W.	Guatemala. h about 150 km.
18	10 35 31*	10½	S.	163	E.	Solomon Islands.
18	12 16 51*	4½	S.	152	E.	New Britain. h about 150 km.
18	14 09 15**					Bolivia-Peru border. h about 150 km.
19	09 20 51*	2½	N.	127	E.	Molucca Passage.
19	19 15 37*	3	S.	138	E.	New Guinea.
20	07 25 59*	½	N.	99½	E.	Near coast of Sumatra.
20	13 36 54*	40	N.	143½	E.	Off northeast coast of Honshu, Japan. h about 60 km.
20	13 44 25**					Near east coast of Honshu, Japan.
20	17 07 30*	40	N.	143½	E.	Off northeast coast of Honshu, Japan. Felt on northern Honshu and southern Hokkaido. 5 ft. seismic sea wave at Miyako. h about 60 km. Mag. 7.
20	21 36 38*	40	N.	143	E.	Near east coast of Honshu, Japan.
20	23 28 28*	17	N.	46½	W.	North Atlantic Ocean.
21	00 34 50*	39½	N.	143	E.	Near east coast of Honshu, Japan. Mag. 6½.
21	01 49 42*	16	S.	173	W.	Tonga Islands region.
21	03 45 50*	35	N.	97½	E.	Burma.
21	04 43 22*	40	N.	142½	E.	Near east coast of Honshu, Japan.
21	05 54 16*	40	N.	143½	E.	do.
21	06 51 29*	40	N.	143½	E.	do.
21	08 19 55**					Loyalty Islands region.
21	08 22 00*	39½	N.	144	E.	Near coast of Honshu, Japan.
21	09 18 22*	40	N.	143	E.	do.
21	11 40 15*	16½	S.	172½	W.	Samoa Islands region.
21	16 37 46*	4½	S.	154	E.	New Ireland region.
21	19 49 00*	21	S.	71	W.	Near north coast of Chile. h about 60 km.
21	22 56 58*	39½	N.	143½	E.	Near east coast of Honshu, Japan.
21	23 21 43*	39½	N.	143	E.	do.
22	00 51 52*	39½	N.	143	E.	do.
22	01 48 24*	16	N.	97½	W.	Near coast of Oaxaca, Mexico.
22	02 31 17*	61½	S.	154	E.	About 400 miles northwest of Balleny Islands.
22	13 19 55*	20½	N.	104	W.	Jalisco, Mexico. h about 150 km. Mag. 5 1/2 - 5 3/4 (Berk).
22	13 48 43*	60½	S.	153	E.	Northwest of Balleny Islands.
22	19 55 45*	57½	S.	26	W.	Sandwich Islands. h about 100 km.
22	20 24 45*	13½	N.	44½	W.	North Atlantic Ocean.
22	21 12 42**					Near coast of western Java. h about 150 km.

Date 1960	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth and Remarks
March	h m s	°	°	
23	00 23 22*	39½ N.	143 E.	Near east coast of Honshu, Japan. Mag. 6 1/2 - 6 3/4.
23	01 07 15*	39½ N.	152½ E.	Near east coast of Honshu, Japan.
23	01 32 18*	39 S.	174½ E.	Near west coast of North Island, New Zealand. h about 550 km.
23	01 33 36**			New Britain region. Felt.
23	01 51 37*	39½ N.	143 E.	Near east coast of Honshu, Japan.
23	02 09 17*	40 N.	142½ E.	Near east coast of Honshu, Japan. h about 60 km.
23	03 15 13*	44½ N.	111 W.	Hebgen Lake, Montana.
23	06 38 39*	39 N.	143 E.	Near east coast of Honshu, Japan. h about 100 km.
23	07 50 50*	39½ N.	143 E.	Near east coast of Honshu, Japan. h about 60 km.
23	08 46 44*	40 N.	142½ E.	Near east coast of Honshu, Japan.
23	10 29 01*	39½ N.	143 E.	Near east coast of Honshu, Japan. h about 100 km.
23	11 51 00*	39½ N.	143 E.	Near east coast of Honshu, Japan.
23	14 07 00**			Jalisco, Mexico.
23	16 01 13*	39 N.	144 E.	Near east coast of Honshu, Japan. h about 100 km.
23	20 03 47*	32½ N.	103½ E.	Szechwan Province, China.
23	21 34 19*	39½ N.	143½ E.	Near east coast of Honshu, Japan.
23	22 22 36*	39½ N.	143 E.	Near east coast of Honshu, Japan. Mag. 6.
23	22 51 41*	40 N.	143 E.	Near east coast of Honshu, Japan.
23	23 08 49*	46½ N.	8 E.	Switzerland. Minor damage at Brigue and Sierre. Felt in France and Italy.
23	23 26 15*	39 N.	143 E.	Near east coast of Honshu, Japan.
24	02 57 01*	50 N.	175½ W.	Andreanof Islands, Aleutian Islands.
24	05 54 28*	47 N.	152½ E.	Kurile Islands.
24	09 56 00*	50½ N.	173 W.	Andreanof Islands, Aleutian Islands.
24	09 58 45*	40 N.	144 E.	Near east coast of Honshu, Japan.
24	12 21 30*	40 N.	143½ E.	do.
24	20 02 44*	40 N.	142½ E.	do.
24	20 54 01*	6½ S.	156 E.	Solomon Islands. h about 200 km.
25	02 28 56*	19 S.	177½ W.	Fiji Islands. h about 400 km.
26	08 44 33*	7 N.	73 W.	Colombia. h about 200 km.
27	03 48 27*	13½ S.	166 E.	New Hebrides Islands. Mag. 6¼ (Berk).
27	07 26 58*	21½ N.	108½ W.	Off coast of Mexico. Mag. 5 (Berk).
27	08 57 53*	13½ S.	166½ E.	New Hebrides Islands. Mag. 6½ (Berk).
27	12 23 10*	14 S.	165½ E.	New Hebrides Islands. h about 150 km.
27	17 24 41*	30½ S.	178 W.	Kermadec Islands.
27	19 35 25*	13 S.	166 E.	New Hebrides Islands.
27	20 15 45*	19 N.	105 W.	Near coast of Jalisco, Mexico. Mag. 6-6¼.
27	21 18 30*	19 N.	105 W.	Near coast of Jalisco, Mexico.
27	23 28 25*	38½ S.	175 E.	Near coast of North Island, New Zealand. h about 250 km.
28	00 13 38*	7½ N.	82 W.	Off south coast of Panama. Felt at Balboa Heights and on Coiba Island.

Date 1960	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth and Remarks
March	h m s	°	°	
28	06 35 58*	13½ S.	166 E.	New Hebrides Islands.
28	06 39 32*	13½ S.	166 E.	New Hebrides Islands.
28	06 42 44*	13½ S.	166 E.	do.
28	07 55 59*	13½ S.	166 E.	do.
28	12 37 50*	23 S.	176 W.	Tonga Islands region.
28	20 48 45*	58 N.	32½ W.	North Atlantic Ocean.
29	00 10 45*	33½ S.	177½ W.	Kermadec Islands region.
29	06 30 54*	17 S.	167 E.	New Hebrides Islands. Felt. Mag. 6 3/4.
29	07 30 33*	0	98 E.	Off coast of Sumatra.
29	14 25 26*	17 S.	167½ E.	New Hebrides Islands.
29	16 00 05*	13½ N.	121 E.	Luzon, Philippine Island. Felt at Calapan, Cavite and Manila.
29	22 10 20*	6 S.	147 E.	Near east coast of New Guinea. Felt.
30	06 58 36*	51 N.	178½ W.	Andreanof Islands, Aleutian Islands.
30	09 38 08*	17 S.	167½ E.	New Hebrides Islands. Felt on Mallicolo.
30	10 49 47*	13½ S.	166 E.	New Hebrides Islands. Mag. 6 (Berk).
30	12 58 57*	69 N.	17 W.	Off east coast of Greenland.
30	14 11 40*	3½ S.	102 E.	Near coast of Sumatra.
30	15 19 30*	22½ S.	174 E.	Loyalty Islands region.
31	00 39 59*	18½ N.	146 E.	Mariana Islands. h about 250 km.
31	01 48 39*	19½ N.	104 W.	Near coast of Jalisco, Mexico. h about 150 km.
31	03 02 03*	39½ N.	143 E.	Off northeast coast of Honshu, Japan.
31	03 29 45*	5½ S.	143½ E.	New Guinea.
31	06 13 35*	40 N.	143½ E.	Off northeast coast of Honshu, Japan.
31	11 41 45*	49 N.	129½ W.	Off coast of Vancouver Island.
31	15 04 36**			Pacific Ocean, about 900 miles southwest of Galapagos Islands.
31	15 48 13*	39½ N.	143 E.	Off northeast coast of Honshu, Japan.
31	17 29 40*	40 N.	143 E.	do.
31	19 56 14*	26 N.	110 W.	Gulf of California. Mag. 5 1/2 - 5 3/4 (Berk).
31	20 17 45*	26½ N.	110½ W.	Gulf of California.
31	21 32 44*	41½ N.	142 E.	Near north coast of Honshu, Japan.
31	22 07 10*	26½ N.	110½ W.	Gulf of California.

Date and Station		Phase	(GCT) h m s
Mar. 1			
COL	iP		03 38 25
	epP		40 26
EUR	iP		03 38 06
	epP		40 07
TUC	iP		03 38 08
TUC-T	iP		03 38 09
Mar. 1			
EUR	eP		07 25 38
TUC-T	eP		07 24 15
Mar. 1			
COL	eP		08 20 44
EUR	eP		08 20 42
TUC-T	eP		08 20 49
Mar. 1			
EUR	iP		15 03 04
Mar. 1			
COL	e(P)		15 31 54
Mar. 1			
EUR	iP		16 55 24
Mar. 1			
COL	iP		20 12 30
EUR	iP		20 11 57
HH	eP		20 12 28
TUC-T	eP		20 11 56
	e		12 09
Mar. 1			
EUR	eP		21 00 35
Mar. 1			
COL	e(P)		22 08 00
Mar. 2			
BOZ	eP		00 16 21
BUT	eP		00 16 27
COL	eP		00 20 01
	i		20 11
	iPcP		20 59
	eS		00 28 03
	eL		37 43
COLU	eP		00 15 39
EUR	iP		00 15 45
HH	eP		00 16 48
RC	eP		00 15 58
	eL		24 10
SLC	eP		00 15 41
	eL		23 28
SJ	e(P)		00 17 11
	eP		17 20
THULE	eP		00 20 35
Mar. 2			
TUC	eP		00 44 19
	iL		49 25
TUC-T	iP		00 44 20
	i		45 26
	iL		49 22
Mar. 2			
COL	eP		04 44 58
EUR	iP		04 40 59
HH	eP		04 41 48
RC	eP		04 41 14
	e		41 26
TUC	iP		04 39 44
TUC-T	iP		04 39 44
Mar. 2			
HH	e(P)		05 15 43
Mar. 2			
EUR	eP		06 50 31
RC	eP		06 49 19
TUC	eP		06 50 08
	e		50 14
TUC-T	iP		06 50 07
	i		50 13
Mar. 2			
COL	iP		07 18 06
	i		18 44
EUR	eP		07 18 24
Mar. 2			
EUR	eP		07 43 35
RC	eP		07 42 24
TUC-T	eP		07 43 14
Mar. 2			
HH	e(P)		09 00 05
	e		02 45
Mar. 2			
EUR	eP		11 01 04
Mar. 2			
SJ	iP		12 24 17
	iS		24 34
	iL		24 36
Mar. 2			
HH	e(P)		13 36 01
Mar. 2			
TUC-T	eP		21 51 21
Mar. 2			
COL	eP		22 05 54
EUR	iP		22 06 19
HH	iP		22 05 28
THULE	eP		22 02 23
TUC-T	eP		22 06 33
	e		06 50
Mar. 3			
COL	eP		01 14 46
EUR	iP		01 15 38
	i		16 14
Mar. 3			
BOZ	eP		01 51 05
EUR	iP		01 52 13
HH	iP		01 52 24
SJ	eP		01 44 49
	iP		44 52
	iS		46 15
THULE	eP		01 53 02
	ipP		53 24
TUC-T	iP		01 51 29
	epP		51 52
TUC	eP		01 51 29
Mar. 3			
EUR	eP		02 51 06
Mar. 3			
COL	iP		04 59 34
EUR	eP		05 05 48
HH	iP		05 04 44
	eL		11 50
THULE	eP		05 04 58
TUC-T	eP		05 07 07
Mar. 3			
BUT	eP		05 13 50
Mar. 3			
EUR	iP		10 36 03
Mar. 3			
COL	eP		11 47 02
TUC	e(P)		11 54 28
	e		54 37
TUC-T	eP		11 54 30
	e		54 35
Mar. 3			
COL	eP		14 26 10
HH	eP		14 28 08
RC	eP		14 28 37
THULE	eP		14 25 20
Mar. 3			
EUR	eP		15 52 38
TUC-T	eP		15 52 01
	e		52 54
Mar. 3			
GUAM	iP		15 54 24
	iS		54 45
Mar. 3			
EUR	eP		18 04 25
Mar. 3			
COL	eP		18 30 44
Mar. 3			
HH	e(P)		18 55 52
Mar. 3			
EUR	iP		19 30 21
TUC-T	iP		19 30 21
Mar. 3			
TUC-T	eP		21 57 38
Mar. 3			
EUR	eP		22 25 52
Mar. 3			
GUAM	iP		23 05 41
	eS		05 52
Mar. 3			
EUR	eP		23 38 57
HH	eP		23 39 08
Mar. 3			
BH	iP		23 59 52
Mar. 4			
EUR	eP		01 00 03
RC	eP		00 58 52
Mar. 4			
COL	iP		01 17 51
EUR	iP		01 17 32
	ipP		18 01
RC	eP		01 17 16

B-4297-4.

Date and Station		Phase (GCT) h m s
TUC-T	eP	01 16 44
	e	17 12
Mar. 4		
BC	eP	01 21 45
HH	iP	01 20 50
	e	26 21
EUR	iP	01 21 22
	ipP	21 52
RC	eP	01 21 57
Mar. 4		
EUR	eP	01 27 36
Mar. 4		
BC	eP	02 24 26
BOZ	eP	02 24 01
BUT	eP	02 23 49
COL	iP	02 20 43
	eS	24 45
	eL	25 37
COLU	eP	02 27 00
EUR	iP	02 24 02
	i	24 28
HH	iP	02 23 35
	iPcP	25 41
RC	iP	02 24 43
SLC	eP	02 24 18
SJ	iP	02 28 55
	e	29 30
SIT	iP	02 21 28
THULE	iP	02 24 20
	i	24 31
	iPcP	25 [illegible]
	iPP	26 16
TUC	iP	02 25 04
TUC-T	iP	02 25 04
Mar. 4		
BC	eP	04 05 53
BOZ	eP	04 05 36
	epP	06 09
BUT	iP	04 05 29
COL	iP	04 02 56
	eS	10 47
	i	11 48
	eL	18 04
	eP'P'	32 16

Date and Station		Phase (GCT) h m s
EUR	iP	04 05 39
	ipP	06 14
GUAM	iP	03 57 53
	iS	04 01 49
HONO	eP	04 03 31
	eS	12 04
	eSS	16 48
	eL	19 22
HH	iP	04 05 18
	ipP	05 51
	ePP	08 15
	iPKKP	23 44
KIP	eP	04 03 31
RC	iP	04 05 58
	i	06 06
SLC	eP	04 05 48
SJ	iP'	04 12 03
SIT	iP	04 03 48
THULE	iP	04 04 20
	ePP	07 02
	eS	13 27
	eP'P'	32 00
TUC	iP	04 06 17
	epP	06 48
	ePP	10 34
	e(S)	16 40
TUC-T	iP	04 06 17
Mar. 4		
EUR	iP	06 53 30
TUC-T	eP	06 52 24
	e	52 30
Mar. 4		
EUR	iP	06 58 55
	i	59 52
HH	iP	06 58 40
Mar. 4		
EUR	eP	10 13 03
Mar. 4		
COL	iP	12 03 29
EUR	eP	12 06 41
HH	eP	12 06 13
	i	06 32
RC	eP	12 07 21
	e(PP)	09 52
THULE	eP	12 05 20
	iP	05 22
	e	06 34

Date and Station		Phase (GCT) h m s
Mar. 4		
HH	iP	12 07 43
	iL	08 42
Mar. 4		
COL	eP	16 33 18
EUR	iP	16 35 34
HH	eP	16 34 29
THULE	iP	16 29 31
TUC-T	eP	16 36 13
Mar. 4		
COL	eP	21 19 11
EUR	iP'	21 24 52
HH	eP'	21 24 35
SJ	eP'	21 25 36
THULE	eP	21 19 14
	ePP	23 04
Mar. 5		
EUR	eP	00 24 11
HH	eP	00 23 46
	iL	25 02
RC	e(P)	00 24 02
	eL	25 13
TUC-T	eP	00 28 56
Mar. 5		
SJ	eP	07 58 25
	e	08 00 43
Mar. 5		
EUR	eP	10 23 54
Mar. 5		
THULE	eP	10 44 00
	eS	44 56
Mar. 5		
HH	eP	10 54 43
	eL	57 57
RC	eP	10 58 57
	e	59 11
Mar. 5		
HH	e(P)	11 34 18
Mar. 5		
COL	iP	11 37 07
	iPP	40 02
EUR	iP'	11 43 38
	i(PP)	44 06
HH	eP'	11 42 53
THULE	iP	11 36 32

Date and Station		Phase (GCT) h m s
TUC	eP'	11 43 53
TUC-T	eP'	11 43 54
Mar. 5		
BH	eP'	14 09 08
BC	eP'	14 07 56C
BOZ	eP'	14 07 30
BUT	eP'	14 07 08
COL	iP	14 02 04C
	iS	12 40
	i	16 10
	e	22 00
EUR	eP	14 03 46
	i	03 54
	ePKKP	19 00
GUAM	iP	13 53 57D
	eS	57 44
	eL	58 42
HONO	eP	14 00 59C
	i	01 16
	eS	10 28
	eL	19 16
HH	eP	14 03 44C
	ePP	08 09
	ePKKP	19 09
KIP	eP	14 00 57
	i	01 16
RC	eP'	14 08 04C
	e	09 21
SLC	eP'	14 07 35
SJ	eP'	14 09 16
	iPP	13 26
	e	13 47
THULE	eP	14 03 13C
	e	06 24
	ePP	07 28
	ePKKP	19 14
TUC	eP'	14 08 04D
	ePP	09 02
	iPP	09 27
	ePKKP	18 57
	e	19 16
	e	31 24
	eL	40 27
TUC-T	eP'	14 08 06D
	iP'	08 09
	ePKKP	18 44
	i	18 52
Mar. 5		
BH	eP	14 10 52
	iS	11 25

Date and Station		Phase (GCT)
		h m s
Mar. 5		
COL	eP	14 46 59
Mar. 5		
COL	eP	16 02 45
SJ	eP'	16 10 28
Mar. 5		
BC	eP'	21 10 00
EUR	eP	21 04 21
TUC-T	eP	21 04 17
	e	04 27
	iPPP	10 02
Mar. 5		
EUR	eP	21 21 59
Mar. 5		
EUR	iP	22 07 42
Mar. 6		
COL	eP	00 02 43
	e	03 02
THULE	iP	00 02 06
Mar. 6		
COL	eP	02 34 55
	ePP	37 53
GUAM	iP	02 26 48
HH	eP'	02 41 02
SJ	eP'	02 42 09
	e	42 35
	i	42 48
	ePP	46 07
Mar. 6		
BC	eP	04 15 08
	eS	17 27
	eL	19 12
BOZ	eP	04 16 50
	eIP	17 18
BUT	eP	04 16 54
	eL	24 01
COL	eP	04 20 37
	eL	36 20
COLU	eP	04 17 36
	eS	22 12
	eL	26 20
EUR	iP	04 15 54
HH	iP	04 17 18
	eL	26 44
RC	iP	04 16 38
	eS	20 48
	eL	23 17

Date and Station		Phase (GCT)
		h m s
SLC	eP	04 15 57
	eL	20 53
SJ	iP	04 19 28
THULE	eP	04 21 40
TUC	eP	04 14 03
	iP	14 06
	iL	16 28
TUC-T	eP	04 14 04
	iP	14 06
	iL	16 29
UKIAH	eP	04 16 30
Mar. 6		
EUR	eP	06 31 25
Mar. 6		
COL	eP	07 01 06
EUR	iP	07 04 36
Mar. 6		
COL	eP	08 04 08
EUR	iP	08 07 23
HH	eP	08 06 56
Mar. 6		
EUR	eP	09 42 16
HH	e(P)	09 42 10
Mar. 6		
TUC-T	eP	09 51 32
	i	51 40
Mar. 6		
HH	eP	10 18 26
SJ	eP	10 14 08
Mar. 6		
COL	eP	11 43 29
EUR	iP	11 46 58
TUC-T	eP	11 49 42
Mar. 6		
HH	eP	17 38 38
Mar. 6		
HH	iP	19 22 22
Mar. 6		
EUR	eP	20 50 25
Mar. 6		
EUR	iP	22 35 31
	epP	36 23
RC	eP	22 34 53

Date and Station		Phase (GCT)
		h m s
SJ	eP	22 29 55
	eS	32 08
TUC	eP	22 34 37
TUC-T	iP	22 34 37
Mar. 7		
EUR	eP	00 24 05
	i	24 35
TUC	eP	00 24 50
TUC-T	eP	00 24 46
	iP	24 50
Mar. 7		
COL	eP	00 35 17
EUR	eP	00 38 44
	i	38 56
Mar. 7		
HH	e(P)	00 45 10
Mar. 7		
COL	eP	01 03 48
THULE	eP	01 02 12
Mar. 7		
COLU	eP'	02 28 05
EUR	iP'	02 27 27
	iPP	30 49
HH	eP'	02 27 16
Mar. 7		
GUAM	iP	03 02 58
	iS	03 22
Mar. 7		
GUAM	iP	03 54 48
	iS	55 13
Mar. 7		
EUR	iP	04 07 17
Mar. 7		
BOZ	eP'	05 31 44
BUT	eP'	05 31 45
COL	iP	05 25 58
	ePP	29 26
COLU	eP'	05 32 25
	e(PP)	35 16
EUR	iP	05 27 46
	i	28 18
	i	30 49
	iP'	31 20
	e	35 52
	iPKKP	42 46
GUAM	eP	05 18 11
	ePP	18 39
	eS	22 10

Date and Station		Phase (GCT)
		h m s
HMO	iP	05 25 07
HH	eP	05 27 38
	iP'	31 41
	ePP	32 06
	ePKKP	42 48
KIP	eP	05 25 08
RC	iP'	05 31 57
	iPP	33 08
	ePKKP	42 25
SJ	eP'	05 33 08
	iPP'	33 39
SIT	eP	05 26 30
THULE	iP	05 27 03
TUC	eP'	05 31 59
	ePP	34 09
	ePKKP	42 28
TUC-T	iP'	05 31 59
	ePKKP	42 24
	iPKKP	42 28
Mar. 7		
COL	iP	06 18 07
EUR	iP	06 21 45
	ipP	23 10
HH	iP	06 21 10
	iPcP	22 04
RC	iP	06 22 05
	e(pP)	23 31
	epP	23 40
THULE	iP	06 20 19
TUC	eP	06 22 37
	epP	24 05
Mar. 7		
HH	iP	06 25 22
Mar. 7		
COL	iP	09 50 42
EUR	iP	09 51 19
HH	eP	09 51 32
Mar. 7		
COL	eP	09 53 30
EUR	iP	09 54 05
HONO	eT	10 39 57
Mar. 7		
HH	iP	10 18 14
Mar. 7		
COL	eP	11 45 29

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Date and Station		Phase (GCT)
		h m s
HH	eP	11 47 36
Mar. 7		
HONO	e(S)	13 26 08
	eL	26 30
KIP	eP	13 25 12
	e	25 48
	e(S)	26 07
	eL	26 15
Mar. 7		
HH	e(P)	13 41 07
Mar. 7		
HH	e(P)	14 08 17
Mar. 7		
COL	eP	15 58 44
EUR	eP	16 01 24
HH	eP	16 00 50
	i	01 05
Mar. 7		
HH	iP	21 24 25
THULE	iP	21 23 57
Mar. 7		
EUR	eP	22 41 28
	eS	42 13
	eL	42 16
Mar. 7		
HH	eP	23 21 42
Mar. 8		
TUC-T	eP	00 15 08
Mar. 8		
SLC	eP	01 23 07
Mar. 8		
EUR	eP	04 12 28
TUC	eP	04 12 27
TUC-T	iP	04 12 28
Mar. 8		
BOZ	eP	04 41 43
Mar. 8		
HH	eP	04 53 49
Mar. 8		
COL	e(P)	07 52 39
	e	53 26
Mar. 8		
EUR	e(P)	09 11 24
	eL	12 47
HH	iP	09 10 37
	iL	11 39

Date and Station		Phase (GCT)
		h m s
Mar. 8		
COL	eP'	12 10 27
EUR	eP'	12 10 00
HH	iP'	12 10 09
THULE	eP'	12 11 04
Mar. 8		
COL	eP	12 55 28
Mar. 8		
EUR	eP	13 12 38
Mar. 8		
BOZ	iP	14 14 02
	eS	14 16
	eL	14 26
BUT	iP	14 14 09
	eL	15 05
EUR	eP	14 15 20
	eS	16 25
	eL	16 30
HH	iP	14 14 45
	iL	15 46
RC	e(P)	14 15 13
	e	15 39
	eL	16 40
SLC	eP	14 14 48
Mar. 8		
EUR	iP	15 16 32
Mar. 8		
BC	iP	16 46 12
	e(SKS)	56 24
	eS	56 46
BOZ	iP	16 46 42D
	e(pP)	47 37
	eP'	50 18
	eP'P'	17 10 42
BUT	iP	16 46 34D
	epP	47 35
	eS	57 23
	eSP	59 11
	eP'P'	17 10 50
COL	iP	16 46 03C
	i(PP)	16 49 07
	iS	56 07
	isS	58 00
	i	58 30
	eSS	17 02 38
	iPKKP	03 46
	eL	11 26
	iP'P'	11 31
	iP'P'	11 44
	eP'P'P'	32 00

Date and Station		Phase (GCT)
		h m s
COLU	e(P)	16 48 15
	eP'	51 55
	iPKKP	17 02 25
	ipPKKP	03 18
	iSKKP	06 22
	eP'P'	10 06
EUR	iP	16 46 12D
	iP'P'	17 11 45
	iP'P'P'	31 50
GUAM	iP	16 40 39D
	ipP	41 27
	iPP	42 15
	iS	46 14
	isS	47 23
	iL	49 26
HONO	iP	16 42 12
	eS	49 05
	isS	50 40
	iL	54 00
HH	iP	16 46 33D
	epP	47 24
	iPP	50 18
	eSKS	56 49
	e	58 39
	iPKKP	17 03 25
	iP'P'	11 40
	eP'P'P'	31 55
KIP	iP	16 42 14
	P'P'	17 12 53
RC	iP	16 47 01D
	iPP	51 05
	ePKKP	17 03 15
	i	03 42
	eSKKP	07 31
	eP'P'	11 19
SLC	iP	16 46 27D
	epP	47 15
	ePP	50 10
	epPP	51 10
	eSKS	56 40
	eS	57 13
	ePKKP	17 03 32
SJ	eP'	16 51 35
	iP'	52 18
	i	54 20
	ePPP	55 06
	eSKKP	17 04 45
	iSKKP	04 54
SIT	iP	16 45 59C
	epP	47 03
	ePP	49 33

Date and Station		Phase (GCT)
		h m s
THULE	iP	16 47 59D
	iP'	51 49
	i	52 23
	iPP	52 41
	i	53 14
	iPKKP	17 02 33
	iSKKP	06 34
	eP'P'	10 14
	i	11 01
TUC	iP	16 46 21
	ipP	47 22
	esP	47 46
	iPP	49 58
	iS	56 30
	ipS	57 06
	iPPS	58 48
	eSS	17 03 11
	eL	11 18
	iP'P'	11 46
UKIAH	iP	16 45 48D
	ipP	46 53
	iPP	49 05
	eS	55 44
	ePKKP	17 03 58
	iP'P'	12 04
WASH	iP'	16 52 01
	esP'	53 15
	iPP	53 23
	esPP	54 16
	ePPP	56 00
	epS	17 01 35
	iSP	02 16
Mar. 8		
EUR	iP	19 40 12
Mar. 8		
EUR	iP	22 18 22
Mar. 9		
COL	iP	01 18 04
Mar. 9		
COL	eP	02 00 03
Mar. 9		
EUR	eP	05 02 58
Mar. 9		
EUR	e(P)	06 00 09
Mar. 9		
COL	eP	08 20 58
Mar. 9		
RC	eP	08 47 22
Mar. 9		
EUR	eP	09 05 37
Mar. 9		
COL	eP	11 01 35

Date and Station		Phase (GCT)
		h m s
Mar. 9		
EUR	iP	11 13 39
Mar. 9		
COL	eP	11 32 53
Mar. 9		
COL	e(P)	12 38 12
EUR	eP	12 41 46
	i	42 04
Mar. 9		
COL	eP	19 56 19
EUR	eP	19 57 09
Mar. 10		
BC	eP	00 05 01
BOZ	eP	00 05 33
	e(pP)	06 04
BUT	eP	00 05 26
	epP	06 13
COL	iP	00 07 52
	i(pP)	08 21
	iPP	11 49
COLU	eP	00 03 15
	eS	10 20
EUR	iP	00 05 19
	ipP	05 53
GUAM	eP'	00 13 47
	iP'	13 50
	i	14 26
HH	iP	00 05 53
RC	iP	00 05 04
	epP	05 53
	eP'P'	34 03
SLC	eP	00 05 11
SJ	iP	00 01 05
	epP	01 33
	esP	02 17
	iPP	02 33
	ePcP	03 27
THULE	eP	00 07 25
	iP	07 27
	epP	07 54
	ePP	11 14
TUC	iP	00 04 27
	eS	13 20
	eL	20 26
TUC-T	iP	00 04 27
	ipP	04 57
	iP'P'	31 57
UKIAH	eP	00 05 44
WASH	eP	00 03 48
	iP	03 50
	esP	04 12
	e(S)	11 32
Mar. 10		
COL	iP	00 24 38
EUR	iP	00 30 45
SIT	eP	00 26 46
	eL	29 50
THULE	eP	00 30 08
TUC	eP	00 32 01
Mar. 10		
BOZ	e(P)	00 39 22
BUT	e(P)	00 38 42
EUR	eP	00 40 21
RC	e(P)	00 39 22
	e	40 06
	e	40 56
Mar. 10		
THULE	eP	01 01 01
Mar. 10		
COL	iP	01 29 25
	iS	29 37
Mar. 10		
COL	eP	02 09 56
EUR	eP	02 09 26
TUC	eP	02 11 02
TUC-T	eP	02 11 01
Mar. 10		
COL	eP	02 41 35
EUR	eP	02 41 45
Mar. 10		
EUR	iP	05 12 45
TUC	eP	05 12 42
TUC-T	iP	05 12 42
Mar. 10		
THULE	eP	07 28 36
	eS	29 03
Mar. 10		
COL	iP	09 23 09
Mar. 10		
BC	eP	09 58 06
COL	iP	09 57 29
EUR	iP	09 58 05
HONO	eT	10 46 21
TUC	eP	09 58 21
	eL	10 29 07
TUC-T	eP	09 58 19
	e	58 21
Mar. 10		
EUR	iP	10 10 41
Mar. 10		
COL	eP	10 46 27
EUR	iP	10 47 03
Mar. 10		
EUR	eP	13 06 30
Mar. 10		
BC	eP	13 56 11
BOZ	eP	13 56 50
	e	57 34
BUT	iP	13 56 47
COL	iP	13 56 47
	i	56 58
	iS	14 06 58
	e(SS)	19 00
	eL	23 08
EUR	iP	13 56 16
HONO	eP	13 51 57
	eT	14 31 29
HH	iP	13 56 48
KIP	iP	13 51 58
RC	iP	13 57 11
SLC	iP	13 56 34
	e	56 47
TUC	iP	13 56 17
	eL	14 19 38
TUC-T	iP	13 56 18
UKIAH	iP	13 55 48
Mar. 10		
EUR	iP	14 36 33
Mar. 10		
BC	eP	14 43 25
	epP	43 47
BOZ	eP	14 42 57
	epP	43 20
BUT	eP	14 42 50
	e(pP)	43 07
COL	iP	14 39 39
	ipP	40 00
EUR	iP	14 43 05
	ipP	43 28
HONO	eP	14 41 06
KIP	iP	14 41 11
RC	iP	14 43 31
	ipP	43 54
	eL	15 11 49
SLC	eP	14 43 15
	epP	43 38
THULE	iP	14 41 56
	epP	42 21
	eS	49 22
TUC	iP	14 43 55
	ipP	44 18
TUC-T	iP	14 43 56
	ipP	44 19
UKIAH	eP	14 42 37
Mar. 10		
EUR	eP	15 09 37
Mar. 10		
EUR	eP	18 33 34
	i	34 08
Mar. 10		
BC	eP	19 01 56
COL	e(P)	19 06 23
EUR	iP	19 02 23
	iPP	03 28
RC	eP	19 02 10
	esPP	03 32
THULE	eP	19 06 17
TUC	iP	19 01 10
	eS	05 54
	eL	09 36
TUC-T	iP	19 01 11
	eL	09 18
Mar. 10		
EUR	iP	19 21 05
Mar. 10		
COL	iP	19 58 09
Mar. 10		
EUR	eP	23 26 52
Mar. 10		
EUR	e(P)	23 48 58

Date and Station		Phase (GCT) h m s
UKIAH	eP	23 47 43
	i	47 48
	e(S)	48 13
	eL	48 24
Mar. 11		
EUR	eP	01 50 19
TUC-T	eP	01 50 18
Mar. 11		
EUR	iP	01 59 21
Mar. 11		
TUC	eP	03 29 31
Mar. 11		
COL	iP	04 53 49
EUR	iP	04 51 09
	ipP	51 31
RC	eP	04 50 10
	epP	50 34
SJ	iP	04 43 28
	iS	43 55
	iL	43 57
Mar. 11		
COL	iP	05 39 28
Mar. 11		
COL	iP	06 10 39
	iS	10 43
Mar. 11		
EUR	iP	10 17 48
	i	18 23
Mar. 11		
COL	iP	11 38 01
EUR	iP	11 37 41
RC	eP	11 35 34
	e(PP)	38 32
TUC	iP	11 37 43
TUC-T	iP	11 37 44
Mar. 11		
COL	eP	12 04 41
Mar. 11		
EUR	iP	13 23 29
	ipP	24 22
GUAM	iP	13 12 32
	eS	13 34
RC	eP	13 24 01
	epP	24 55
THULE	iP	13 23 18
TUC	eP	13 24 01

Date and Station		Phase (GCT) h m s
TUC-T	eP	13 24 01
	epP	24 54
Mar. 11		
EUR	eP	19 22 01
Mar. 11		
EUR	iP	22 48 51
Mar. 12		
GUAM	iP	00 22 45
	iS	22 58
Mar. 12		
EUR	eP	01 43 17
TUC-T	eP	01 43 14
Mar. 12		
COL	iP	02 27 05
	ipP	27 47
EUR	iP	02 28 09
	i(pP)	29 07
GUAM	iP	02 19 19
	iS	22 52
Mar. 12		
THULE	eP	03 01 44
Mar. 12		
COL	i(P)	03 36 41
Mar. 12		
COL	eP	04 32 09
Mar. 12		
COL	iP	05 07 55
Mar. 12		
EUR	eP	06 03 13
TUC	eP	06 03 17
TUC-T	iP	06 03 18
Mar. 12		
COL	eP	06 53 27
EUR	eP	06 56 54
Mar. 12		
EUR	iP	10 50 57
Mar. 12		
BC	eP	12 07 16
BOZ	eP	12 06 28
BUT	eP	12 06 29
COL	iP	12 05 33
COLU	eP	12 05 50
EUR	iP	12 07 02
	ePKKP	24 31

Date and Station		Phase (GCT) h m s
RC	iP	12 06 17
	e	06 28
THULE	iP	12 02 53
TUC	iP	12 07 21
TUC-T	iP	12 07 20
	e	08 25
Mar. 12		
COLU	eP	12 48 05
EUR	eP	12 53 09
	e	54 46
RC	e(P)	12 52 27
	eP	52 29
Mar. 12		
BC	eP	14 00 06
EUR	iP	14 00 22
	ipP	01 03
RC	iP	14 00 17
SLC	eP	14 00 19
SJ	e(P)	13 57 08
TUC	iP	13 59 40
	epP	14 00 20
TUC-T	iP	13 59 40
	ipP	14 00 20
Mar. 12		
TUC-T	e(P)	14 20 42
Mar. 12		
COL	iP	15 53 17
	iS	16 01 07
	e	03 00
Mar. 12		
EUR	eP	18 24 45
Mar. 12		
COL	iP	19 53 31
	i	53 45
EUR	iP	19 57 03
	i	57 17
Mar. 12		
BC	iP	20 44 12
	iPP	48 02
BOZ	eP	20 44 26
BUT	eP	20 44 19
	ePP	48 19
COL	iP	20 43 09
	iS	53 28
	iPS	54 12
	eSS	59 16
	eL	21 08 20

Date and Station		Phase (GCT) h m s
EUR	iP	20 44 08
	i	44 29
	iPKKP	21 01 03
	eP'P'	21 09 05
GUAM	iP	20 35 29
	iS	39 19
HONO	e(P)	20 40 22
	eS	48 08
	eL	55 10
HH	iP	20 44 16
KIP	eP	20 40 25
RC	eP	20 44 51
	ePP	49 08
SLC	eP	20 44 23
SJ	eP'	20 50 08
	e	50 15
	ePP	54 05
SIT	eP	20 43 24
THULE	eP	20 44 53
	e(P')	47 59
	ePP	49 08
	ePKKP	21 00 20
TUC	iP	20 44 28
	ePP	48 25
	iPP	48 26
	ePS	57 27
	e(PKKP)	21 01 22
	eL	15 30
TUC-T	iP	20 44 29
	iPP	48 27
	ePPP	50 35
	ePKKP	21 00 57
	e	01 23
	iP'P'	09 12
UKIAH	eP	20 43 45
Mar. 13		
COL	eP	00 33 14
EUR	eP	00 34 14
Mar. 13		
COL	iP	02 15 33
EUR	iP	02 16 33
Mar. 13		
COL	eP	02 31 41
EUR	iP	02 34 52
RC	eP	02 35 23
THULE	eP	02 33 37

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Date and Station		Phase (GCT) h m s
Mar. 13		
EUR	eP	05 27 49
	e	28 58
TUC-T	eP	05 27 46
	e	28 04
Mar. 13		
EUR	e(P)	08 00 37
TUC	eP	07 59 11
TUC-T	eP	07 59 11
	e	59 18
Mar. 13		
EUR	eP	09 20 12
SJ	eP	09 16 40
Mar. 13		
BC	eP	11 52 03
BUT	eP	11 53 09
COL	iP	11 56 39
EUR	iP	11 52 30
RC	eP	11 52 46
SLC	eP	11 52 26
TUC	eP	11 51 12
	e	51 18
	eL	57 12
TUC-T	eP	11 51 10
	iP	51 12
	eL	57 04
	iL	57 12
Mar. 13		
EUR	eP	13 42 08
Mar. 13		
COL	iP	18 13 34
EUR	iP	18 14 34
Mar. 13		
EUR	iP	19 06 05
Mar. 13		
COL	iP	19 45 55
	iS	46 49
	iL	46 55
Mar. 13		
EUR	iP	21 13 20
Mar. 13		
EUR	eP	21 29 26
Mar. 13		
EUR	eP	22 02 43
Mar. 13		
BH	iP	23 54 12
	iS	54 48

Date and Station		Phase (GCT) h m s
BC	eP	00 01 43
BOZ	eP	00 02 09
BUT	eP	00 02 17
COL	iP	00 05 11
	ePP	07 56
COLU	eP	23 59 11
EUR	iP	00 02 03
	i	02 48
HH	eP	00 02 35
RC	eP	00 01 27
	i	01 32
	ePP	03 18
SLC	eP	00 01 49
	ePP	03 29
SJ	iP	23 59 05
	ipP	59 16
	iPcP	00 00 06
THULE	iP	00 04 36
TUC	iP	00 01 04
	ePP	02 40
TUC-T	eP	00 01 03
	iP	01 04
	ePP	02 49
Mar. 14		
BH	iP	00 41 23
	iS	41 59
COL	eP	00 52 21
EUR	eP	00 49 14
	ePP	51 14
RC	iP	00 48 38
	ePP	50 25
SJ	eP	00 44 18
	ipP	44 30
	ePcP	47 05
THULE	eP	00 51 46
TUC	eP	00 48 14
	i	48 19
TUC-T	eP	00 48 13
	i	48 18
Mar. 14		
COL	iP	01 01 06
	i	01 20
EUR	iP	01 04 22
	e	06 15
RC	eP	01 04 45

Date and Station		Phase (GCT) h m s
THULE	iP	01 03 02
TUC	e(P)	01 05 22
TUC-T	eP	01 05 07
Mar. 14		
SJ	eP	04 28 06
	iP	28 11
	iS	29 13
Mar. 14		
COL	eP	08 10 46
Mar. 14		
COL	eP	08 15 36
Mar. 14		
COL	eP	09 05 48
Mar. 14		
COL	iP	09 41 58
Mar. 14		
COL	iP	10 20 01
Mar. 14		
COL	eP	10 41 11
Mar. 14		
COL	eP	10 58 59
EUR	eP	11 02 25
TUC	eP	11 03 24
TUC-T	eP	11 03 24
Mar. 14		
COL	iP	11 14 07
Mar. 14		
TUC	e(P)	11 50 17
TUC-T	eP	11 50 02
	e	50 15
Mar. 14		
EUR	eP	13 05 34
Mar. 14		
COL	eP	19 09 58
	i	10 13
EUR	eP	19 13 08
RC	e(P)	19 13 36
	e	13 51
THULE	eP	19 11 50
Mar. 14		
BC	eP	19 20 44
BOZ	eP	19 20 37
BUT	eP	19 20 20

Date and Station		Phase (GCT) h m s
COL	eP	19 22 36
EUR	eP	19 20 11
HH	eP	19 20 17
RC	iP	19 21 49
THULE	eP	19 24 56
TUC-T	iP	19 20 51
	iL	24 12
UKIAH	e(P)	19 19 10
	eL	21 52
Mar. 14		
COL	iP	19 37 56
Mar. 14		
BC	eP	21 00 27
	e	01 02
BOZ	eP	21 00 12
BUT	eP	21 00 08
COL	e(P)	21 02 13
	eP	02 16
EUR	eP	20 59 47
HH	eP	20 59 51
RC	iP	21 01 26
	e(S)	05 12
THULE	eP	21 04 46
TUC-T	eP	21 01 26
	iP	01 31
UKIAH	eP	20 58 44
	eL	21 00 52
Mar. 14		
COL	iP	22 13 44
Mar. 14		
RC	eP	22 44 36
Mar. 14		
COL	eP	23 19 32
Mar. 15		
THULE	eP	01 02 11
Mar. 15		
EUR	eP	04 03 12
TUC	eP	04 03 09
	e	03 26
TUC-T	eP	04 03 09
	e	03 27
Mar. 15		
COL	iP	06 48 31

Date and Station		Phase (GCT) h m s
TUC	eP	06 49 07
TUC-T	iP	06 49 08
Mar. 15 COL	eP	07 19 26
Mar. 15 COL	iP	08 42 40
	e	44 12
	eL	44 46
Mar. 15 COL	eP	09 13 39
TUC	e(P)	09 16 52
Mar. 15 BC	eP	09 29 12
BOZ	eP	09 28 47
BUT	eP	09 28 37
COL	eP	09 25 30
	iP	09 25 33
	i	29 10
	iS	29 25
COLU	eP	09 31 50
EUR	iP	09 28 49
	i	29 13
	iPP	30 34
	iPcP	30 45
	e	34 33
	i	34 56
GUAM	iP	09 29 47
HONO	eP	09 27 26
HH	iP	09 28 22
	e	28 43
	iPcP	30 35
KIP	eP	09 27 26
RC	iP	09 29 31
	e(ScP)	35 17
SLC	eP	09 29 04
SJ	iP	09 33 45
SIT	eP	09 26 13
	e	26 30
THULE	eP	09 29 13
	iPP	30 54
TUC	iP	09 29 51
TUC-T	iP	09 29 51
UKIAH	eP	09 28 14

Date and Station		Phase (GCT) h m s
Mar. 15 BC	eP	10 21 05
COL	iP	10 21 46
EUR	iP	10 21 11
KIP	eP	10 17 12
TUC	iP	10 21 10
TUC-T	iP	10 21 11
	e	22 05
Mar. 15 COL	iP	11 41 45
Mar. 15 COL	eP	13 06 14
Mar. 15 COL	iP	13 11 07
Mar. 15 COL	iP	14 34 35
Mar. 15 EUR	eP	16 08 06
Mar. 15 COL	eP	16 20 03
Mar. 15 EUR	eP	17 01 41
Mar. 15 COL	iP	18 13 44
Mar. 15 COL	iP	18 53 29
	iL	54 27
Mar. 15 COL	iP	19 43 44
EUR	iP	19 43 23
Mar. 15 COL	eP'	20 22 28
	i	23 49
Mar. 15 COL	eP	22 42 01
EUR	iP	22 44 04
	ipP	44 42
GUAM	iP	22 32 53
	iS	33 46
HH	eP	22 43 56
	epP	44 34
THULE	iP	22 43 56
Mar. 15 COL	iP	23 56 16
	i	56 25
	iS	57 07
	iL	57 15

Date and Station		Phase (GCT) h m s
Mar. 16 COL	eP	00 22 36
Mar. 16 COL	eP'	00 53 01
	i	53 14
HH	iP'	00 52 12
SJ	eP	00 45 35
THULE	eP'	00 52 30
	e	52 42
Mar. 16 EUR	iP	06 37 02
TUC	eP	06 35 21
TUC-T	iP	06 35 22
Mar. 16 BC	eP	08 22 49
Mar. 16 COL	eP	13 50 19
Mar. 16 BC	eP	17 51 12
BOZ	eP	17 51 44
COL	iP	17 51 41
	iS	18 01 56
	e(PS)	03 08
EUR	iP	17 51 09
HONO	eP	17 46 53
	eL	55 57
	e	18 02 15
HH	iP	17 51 41
KIP	eP	17 46 52
SLC	eP	17 51 26
THULE	eP'	17 58 15
TUC	eP	17 51 08
	i	51 08
	e	52 22
	eL	18 13 53
Mar. 16 COL	iP	19 15 39
Mar. 16 EUR	eP	19 29 36
Mar. 16 COL	eP	21 06 21
	e	11 03
EUR	iP	21 10 01
	i	10 17

Date and Station		Phase (GCT) h m s
Mar. 16 EUR	iP	21 54 13
Mar. 16 TUC-T	eP	22 44 36
Mar. 16 COL	eP	22 54 46
Mar. 17 COL	iP	01 15 51
EUR	iP	01 19 32
Mar. 17 EUR	eP	04 47 23
Mar. 17 EUR	iP	08 24 55
HH	eP	08 25 57
TUC	eP	08 23 44
	e	23 52
TUC-T	eP	08 23 45
Mar. 17 GUAM	iP	11 13 56
	iS	14 09
Mar. 17 COL	iP	11 45 53
EUR	iP	11 45 22
HH	iP	11 45 55
SLC	eP	11 45 41
TUC	eP	11 45 22
	e	45 55
TUC-T	iP	11 45 23
Mar. 17 COL	iP	12 24 34
Mar. 17 COL	eP	13 40 27
Mar. 17 EUR	iP	15 12 21
Mar. 17 COL	iP	16 02 03
Mar. 17 EUR	iP	16 15 42
COL	eP	16 12 12
Mar. 17 EUR	iP	16 40 20
Mar. 17 EUR	iP	19 00 43

Date and Station		Phase	(GCT) h m s
Mar. 17			
COL		iP	20 18 51
EUR		iP	20 22 19
THULE		eP	20 22 20
HH		iP	20 21 48
		eScP	27 36
TUC-T		iP	20 23 19
Mar. 17			
HH		i(P)	20 57 20
SJ		eP	21 00 18
Mar. 17			
COL		iP	22 00 36
Mar. 17			
EUR		eP	22 09 37
Mar. 17			
HH		eP	23 54 55
THULE		iP	23 51 41
Mar. 18			
BUT		eP	01 21 48
COL		eP	01 25 07
		epP	25 42
COLU		eP	01 19 31
EUR		iP	01 21 23
		ipP	22 00
HH		iP	01 22 08
		epP	22 43
		ePP	23 43
		iPcP	24 13
		iScP	27 46
SLC		eP	01 21 05
THULE		iP	01 25 06
		epP	25 47
TUC-T		eP	01 20 13
		ipP	20 49
TUC		eP	01 20 13
		ipP	20 50
Mar. 18			
EUR		eP	02 33 52
TUC		eP	02 32 43
Mar. 18			
EUR		iP	06 31 48
HH		eP	06 31 43
TUC-T		eP	06 31 20
Mar. 18			
EUR		iP	06 48 43

Date and Station		Phase	(GCT) h m s
Mar. 18			
HH		eP	09 57 47
		eL	58 50
Mar. 18			
BC		eP	10 48 33
COL		iP	10 48 01
EUR		iP	10 48 32
Mar. 18			
COL		eP	11 25 32
Mar. 18			
HH		e(P)	11 41 13
Mar. 18			
COL		iP	12 29 00
		iPcP	29 18
EUR		eP	12 29 58
		iPcP	30 21
		ipP	30 36
GUAM		eP	12 21 28
Mar. 18			
EUR		iP	14 20 26
		epP	21 07
HH		iP	14 20 55
Mar. 18			
COL		iP	14 57 41
		i	58 16
Mar. 18			
EUR		eP	15 22 16
Mar. 18			
BC		eP	22 06 23
EUR		iP	22 06 59
TUC-T		iP	22 06 25
Mar. 18			
EUR		iP	22 37 35
Mar. 19			
EUR		eP	00 03 50
Mar. 19			
HH		eP	00 35 33
Mar. 19			
COL		iP	01 34 35
EUR		iP	01 38 04
TUC		eP	01 39 04
TUC-T		eP	01 39 04
Mar. 19			
COL		eP	02 01 14
Mar. 19			
COL		e(P)	09 33 42

Date and Station		Phase	(GCT) h m s
Mar. 19			
HH		e(P)	11 14 22
Mar. 19			
COL		eP	11 39 40
Mar. 19			
COL		eP	12 59 38
Mar. 19			
EUR		iP	14 21 42
		i	22 20
HH		eP	14 22 07
RC		eP	14 21 24
SJ		iP	14 17 27
TUC		eP	14 20 58
TUC-T		iP	14 20 58
Mar. 19			
COL		iP	14 28 50
EUR		eP	14 32 17
Mar. 19			
COL		iP	15 05 28
Mar. 19			
COL		iP	15 08 23
Mar. 19			
EUR		iP	15 20 19
HH		iP	15 20 09
		e	21 07
Mar. 19			
COL		iP	16 57 58
Mar. 19			
COL		iP	17 08 11
Mar. 19			
SIT		eP	17 16 54
		i	17 10
Mar. 19			
COL		iP	19 28 20
		eS	38 40
		e	43 13
		eL	51 22
COLU		eP'	19 35 13
EUR		iP	19 29 46
		i	30 28
		ePP	34 01
		ePKKP	45 36
GUAM		eP	19 19 51
		eS	23 14
		eL	26 58
HH		eP	19 29 44

Date and Station		Phase	(GCT) h m s
KIP		eP	19 26 34
		e	27 15
SJ		iP'	19 35 35
		e	37 15
Mar. 19			
COL		eP	21 40 23
Mar. 20			
EUR		iP	00 16 20
Mar. 20			
HH		eP	01 43 12
Mar. 20			
EUR		iP'	07 45 12
		i(SKP)	48 52
HH		iP'	07 44 59
RC		eP'	07 45 15
		e(SKP)	48 41
Mar. 20			
COL		eP	10 53 45
Mar. 20			
EUR		iP	11 06 35
		i	07 00
TUC		eP	11 05 24
		e	05 48
TUC-T		eP	11 05 24
		i	05 47
Mar. 20			
EUR		eP	12 38 32
GUAM		iP	12 26 00
		iS	26 19
Mar. 20			
EUR		eP	13 29 21
GUAM		iP	13 16 49
		iS	17 11
Mar. 20			
EUR		iP	13 44 49
GUAM		iP	13 32 17
		iS	32 36
Mar. 20			
BC		eP	13 48 39
BOZ		eP	13 48 22
		e(pP)	48 44
BUT		eP	13 48 15
COL		eP	13 45 15
		eS	51 58
		eSS	55 34
		eL	59 12

Date and Station		Phase (GCT) h m s
EUR	iP	13 48 23
HH	iP	13 47 57
	epP	48 12
RC	eP	13 48 48
SLC	eP	13 48 35
THULE	iP	13 47 13
TUC	eP	13 49 09
	iP	49 13
	esP	49 41
TUC-T	eP	13 49 08
	iP	49 12
Mar. 20		
COL	eP	13 53 01
	i	53 10
EUR	iP	13 56 08
HH	eP	13 55 42
THULE	iP	13 54 59
Mar. 20		
EUR	iP	14 11 36
GUAM	eP	13 58 20
	iS	59 23
Mar. 20		
BC	eP	17 19 18C
	epP	19 40
	e	20 42
	eS	29 05
	eP'P'	46 38
BOZ	eP	17 18 56D
	e(pP)	19 07
BUT	eP	17 18 48D
	eS	28 02
	eL	35 58
COL	iP	17 15 53D
	e	16 53
	ipPP	18 10
	iPPP	18 58
	iS	22 48
	iL	26 20
	eP'P'	46 52
	e	47 19
COLU	eP	17 21 00
	e	22 55
	e	23 52
	eS	31 38
EUR	iP	17 19 00D
	eL	38 54
GUAM	eP	17 13 08
	eS	17 46
	iPcS	19 48

Date and Station		Phase (GCT) h m s
HONO	eP	17 16 46C
	iPP	18 48
	eS	24 30
	e(L)	31 36
HH	iP	17 18 35C
	iS	27 38
	eP'P'	46 45
KIP	iP	17 16 48C
SLC	eP	17 19 11C
	ePcP	19 20
	e(sP)	19 53
	eS	28 49
	eL	38 05
SJ	eP'	17 26 35C
	e	26 46
	ePP	27 28
	eL	18 17 44
THULE	iP	17 17 51C
	eS	26 28
	eL	38 00
	eP'P'	47 01
TUC	iP	17 19 46D
	iPcP	19 58
	ePP	23 06
	iS	29 54
	ipS	30 12
	eL	39 06
	e(P'P')	46 21
	eP'P'	46 43
UKIAH	eP	17 18 37D
	i	18 45
	eS	27 46
	eL	34 59
	iL	40 12
	eP'P'	46 47
WASH	e(P)	17 20 33C
	iP	20 52
Mar. 20		
BH	i(P)	17 56 28
Mar. 20		
COL	iP	18 43 17
EUR	eP	18 42 40
Mar. 20		
GUAM	iP	18 44 43
	iS	45 06
Mar. 20		
EUR	eP	18 46 18
Mar. 20		
COL	eP	20 26 41
EUR	eP	20 29 33
HH	e(P)	20 29 12

Date and Station		Phase (GCT) h m s
THULE	eP	20 28 27
Mar. 20		
BC	eP	21 48 25
COL	eP	21 45 03
	i	45 13
EUR	eP	21 48 10
HH	eP	21 47 44
RC	eP	21 48 41
THULE	eP	21 47 00
Mar. 20		
COL	eP	22 37 09
Mar. 20		
COL	iP	22 44 24
Mar. 20		
EUR	iP	23 11 18
Mar. 20		
BC	eP	23 38 59
BUT	eP	23 38 48
EUR	iP	23 39 03
HH	eP	23 38 55
RC	iP	23 38 00
SLC	eP	23 38 40
SJ	eP	23 32 52
THULE	eP	23 38 45
TUC	eP	23 38 36
TUC-T	iP	23 38 36
	i	38 43
UKIAH	eP	23 39 41
Mar. 21		
EUR	eP	00 02 45
Mar. 21		
EUR	iP	00 14 12
HH	eP	00 15 30
Mar. 21		
HH	iP	00 20 17
Mar. 21		
RC	eP	00 46 40
BUT	eP	00 46 13
COL	iP	00 43 18
	iS	50 02
	eScS	53 07
	eL	55 46

Date and Station		Phase (GCT) h m s
EUR	iP	00 46 24
	i	46 36
HONO	e(P)	00 45 46
	iS	51 54
	eL	59 20
HH	iP	00 45 58
RC	eP	00 46 48
SLC	eP	00 46 35
THULE	eP	00 45 15
	i	46 07
TUC	e(P)	00 47 10
	i	47 13
TUC-T	eP	00 47 07
	i	47 10
UKIAH	eP	00 46 02
	i	46 09
Mar. 21		
BC	eP	02 01 30
BUT	eP	02 02 09
COL	iP	02 02 11
EUR	iP	02 01 36
HH	iP	02 02 09
TUC	eP	02 01 36
TUC-T	iP	02 01 37
Mar. 21		
COL	e(P)	03 58 04
THULE	iP	03 57 59
Mar. 21		
COL	eP	04 51 46
EUR	eP	04 54 53
HH	iP	04 54 26
THULE	eP	04 53 51
Mar. 21		
COL	e(P)	05 08 38
EUR	iP	05 11 40
HH	eP	05 11 12
Mar. 21		
COL	e(P)	06 02 43
	i	02 57
EUR	iP	06 05 48
HH	eP	06 05 23

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

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Date and Station		Phase (GCT) h m s
TUC	iP	01 53 05
	eS	56 49
	iL	59 01
TUC-T	iP	01 53 05
	i	53 48
	iL	59 01
Mar. 22		
BOZ	eP'	02 50 39
COL	eP'	02 50 43
	e(PKS)	54 35
	eL	03 32 50
EUR	iP'	02 50 18
HH	eP'	02 50 34
KIP	eP	02 44 19
	e	44 35
RC	eP'	02 50 51
TUC-T	eP'	02 50 12
	e	50 26
Mar. 22		
SJ	eP	08 14 41
Mar. 22		
COL	eP	09 21 41
Mar. 22		
COL	eP	10 31 21
	i	31 36
EUR	eP	10 34 15
	e	34 33
HH	e(P)	10 33 58
	iP	34 13
RC	eP	10 34 59
	e	35 04
TUC-T	eP	10 35 22
Mar. 22		
COL	iP	12 37 26
Mar. 22		
COL	eP	13 13 52
Mar. 22		
BOZ	eP	13 25 23
COL	iP	13 29 02
	iPeP	30 07
	eL	48 18
EUR	iP	13 24 38
HH	eP	13 25 49
RC	eP	13 25 06
	eL	33 01
	iL	36 10

Date and Station		Phase (GCT) h m s
SLC	eP	13 24 41
SJ	eP	13 26 48
THULE	eP	13 29 50
TUC	iP	13 23 04
	i	23 10
	eL	27 14
TUC-T	iP	13 23 04
	i	24 09
	eL	27 39
UKIAH	iP	13 25 10
Mar. 22		
COL	eP	14 11 47
	e	13 09
Mar. 22		
EUR	eP	14 26 24
Mar. 22		
UKIAH	e(P)	18 32 39
Mar. 22		
COL	eP	20 03 57
EUR	iP	20 07 16
HH	iP	20 06 46
Mar. 22		
COL	iP'	20 15 35
EUR	iP'	20 14 36
HH	iP'	20 14 46
	ePP	18 02
RC	eP'	20 14 30
SJ	eP	20 08 05
	e	14 48
TUC-T	eP'	20 14 21
Mar. 22		
COL	eP	20 37 18
EUR	eP	20 35 45
HH	eP	20 35 39
RC	eP	20 34 46
THULE	eP	20 35 27
TUC-T	eP	20 35 17
Mar. 22		
HH	i(P)	20 41 16
Mar. 22		
EUR	iP'	21 31 41
	i	32 12

Date and Station		Phase (GCT) h m s
HH	iP'	21 31 34
TUC-T	eP'	21 31 57
Mar. 23		
BOZ	eP	00 34 50
	e	35 12
BUT	eP	00 34 44
	e(S)	44 10
	eL	52 06
COL	iP	00 31 51
	iS	38 40
COLU	eP	00 37 04
EUR	iP	00 34 55
GUAM	eP	00 29 02
	iS	33 35
	eL	36 00
HONO	eP	00 32 42
	eS	40 18
	eSS	44 04
	eL	45 20
HH	iP	00 34 30
	eS	43 41
	eP'P'	01 02 43
KIP	eP	00 32 39
RC	eP	00 35 20
	i	35 31
	eS	45 13
	eL	58 23
SLC	eP	00 35 04
	eS	44 52
	eL	56 12
SIT	eP	00 32 50
	e	33 05
THULE	iP	00 33 45
	eL	56 50
TUC	eP	00 35 42
	i	35 50
	eS	45 47
	e	49 26
	eL	54 24
TUC-T	iP	00 35 41
	eS	45 56
	e(P'P')	01 01 27
UKIAH	eP	00 34 34
	i	34 38
WASH	eP	00 36 50
	e	39 46
Mar. 23		
GUAM	iP	00 40 09
	iS	40 29

Date and Station		Phase (GCT) h m s
Mar. 23		
EUR	eP	00 57 38
TUC	eP	00 56 07
TUC-T	eP	00 56 03
	i	56 08
Mar. 23		
TUC	eP	01 09 07
Mar. 23		
BOZ	eP	01 18 44
BUT	eP	01 18 34
COL	iP	01 15 44
EUR	iP	01 18 49
GUAM	eP	01 12 53
	eS	17 33
HH	iP	01 18 23
	eS	27 30
KIP	iP	01 16 33
RC	iP	01 19 14
SLC	eP	01 18 59
THULE	iP	01 17 40
TUC	eP	01 19 33
TUC-T	iP	01 19 33
UKIAH	eP	01 18 24
Mar. 23		
COL	e(P)	01 34 43
HH	eP	01 37 20
Mar. 23		
GUAM	eP	01 38 15
HH	eP	01 48 45
KIP	eP	01 42 04
Mar. 23		
COL	e(P)	01 46 00
EUR	iP	01 45 20
Mar. 23		
EUR	eP	01 47 02
Mar. 23		
COL	eP	01 51 13
HH	iP	01 56 48
Mar. 23		
COL	eP	02 00 06
EUR	iP	02 03 11

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Date and Station		Phase	(GCT) h m s
HH	iP		02 02 46
RC	eP		02 03 37
	e		03 46
SLC	eP		02 03 20
THULE	eP		02 02 03
TUC	eP		02 03 56
TUC-T	eP		02 03 55
	e		04 11
Mar. 23			
COL	eP		02 17 39
EUR	iP		02 20 43
HH	iP		02 20 17
RC	eP		02 21 07
	e		21 12
THULE	eP		02 19 33
TUC	eP		02 21 31
TUC-T	eP		02 21 32
Mar. 23			
BOZ	eP		03 15 31
	eL		16 27
BUT	iP		03 15 42
	iS		16 06
	iL		16 44
EUR	eP		03 16 48
	e(S)		17 52
	eL		17 57
HH	iP		03 16 17
	iL		17 23
RC	eP		03 16 59
SLC	eP		03 16 13
	eL		17 16
TUC	e(P)		03 19 02
Mar. 23			
EUR	eP		05 16 59
HH	eP		05 16 34
Mar. 23			
EUR	eP		05 28 33
Mar. 23			
COL	eP		06 47 07
EUR	eP		06 50 12
HH	eP		06 49 46
Mar. 23			
HH	e(P)		07 30 56
Mar. 23			
HH	iP		07 44 50
Mar. 23			
COL	eP		07 59 12
EUR	eP		08 02 18
HH	iP		08 01 52
RC	e(P)		08 02 48
	e		02 53
Mar. 23			
BOZ	eP		08 58 11
BUT	eP		08 58 02
COL	iP		08 55 10
EUR	iP		08 58 17
HH	iP		08 57 50
RC	eP		08 58 41
SLC	eP		08 58 26
THULE	iP		08 57 06
TUC	eP		08 59 01
	e		59 07
TUC-T	eP		08 59 01
	i		59 06
Mar. 23			
BOZ	eP		10 40 21
BUT	eP		10 40 12
COL	eP		10 37 22
EUR	eP		10 40 26
GUAM	eP		10 34 53
HH	iP		10 39 59
RC	eP		10 40 51
THULE	eP		10 39 17
TUC	e(P)		10 41 18
TUC-T	eP		10 41 09
Mar. 23			
BOZ	eP		12 02 31
BUT	eP		12 02 29
COL	eP		11 59 28
EUR	eP		12 02 33
GUAM	eP		11 56 57
HH	iP		12 02 08
RC	eP		12 03 02
SLC	eP		12 02 48
THULE	eP		12 01 25
TUC	eP		12 03 17
TUC-T	e(P)		12 03 27
Mar. 23			
BOZ	eP		14 12 40
BUT	eP		14 12 41
EUR	iP		14 11 53
HH	eP		14 13 04
RC	eP		14 12 22
SLC	eP		14 11 54
TUC	eP		14 10 17
	i		10 21
	eL		15 27
TUC-T	iP		14 10 18
	eL		15 23
Mar. 23			
COL	iP		14 43 19
Mar. 23			
BOZ	eP		16 12 40
COL	eP		16 09 33
EUR	eP		16 12 39
HH	iP		16 12 14
RC	eP		16 13 11
	e		14 19
THULE	eP		16 11 31
Mar. 23			
COL	eP		17 01 12
HH	e(P)		17 03 56
Mar. 23			
COL	iP		20 14 48
HH	iP		20 17 00
THULE	eP		20 15 05
Mar. 23			
BOZ	eP		21 45 46
COL	iP		21 42 47
EUR	iP		21 45 53
HH	iP		21 45 28
RC	eP		21 46 17
	e		46 26
THULE	eP		21 44 44
	i		44 54
TUC-T	eP		21 46 36
Mar. 23			
BOZ	eP		22 34 06
BUT	eP		22 34 02
COL	eP		22 31 05
	iS		37 54
	eSS		40 56
	eL		44 28
EUR	iP		22 34 10
GUAM	eP		22 28 10
	eS		32 37
HONO	eP		22 31 54
	eS		39 25
	eL		46 28
HH	eP		22 33 47
KIP	eP		22 31 56
RC	iP		22 34 39
SLC	eP		22 34 24
THULE	eP		22 33 02
	i		33 14
	i(PcP)		33 53
TUC	e(P)		22 35 03
TUC-T	eP		22 34 57
	e		35 08
Mar. 23			
COLU	eP		22 57 50
Mar. 23			
COL	eP		23 00 08
EUR	eP		23 03 14
HH	eP		23 02 50
THULE	eP		23 02 05
Mar. 23			
THULE	eP		23 16 46
Mar. 23			
COL	eP		23 34 46
EUR	eP		23 37 51
HH	eP		23 37 27

Date and Station		Phase (GCT)
		h m s
THULE	eP	23 36 42
Mar. 24		
BOZ	eP	03 04 59
COL	iP	03 01 45
	i	01 55
EUR	iP	03 05 01
HH	iP	03 04 34
SLC	eP	03 05 16
SJ	eP	03 09 53
TUC	iP	03 06 02
TUC-T	iP	03 06 02
Mar. 24		
HH	e(P)	03 31 16
Mar. 24		
BOZ	eP	06 04 53
	e	05 11
BUT	eP	06 04 45
COL	iP	06 01 35
	i	01 52
EUR	iP	06 05 01
	i	05 22
HH	iP	06 04 31
SLC	eP	06 05 11
THULE	eP	06 03 54
	e	04 07
	ePcP	05 04
	ePP	06 01
	eS	11 16
TUC	iP	06 05 50
	e	06 08
	e	06 45
	ePP	08 29
TUC-T	iP	06 05 50
	e	06 07
	e	07 03
	iPP	08 29
Mar. 24		
EUR	eP	08 56 12
Mar. 24		
COL	iP	10 00 28
EUR	iP	10 03 45
HH	iP	10 03 18
	iPcP	05 36
SLC	eP	10 04 00

Date and Station		Phase (GCT)
		h m s
TUC	iP	10 04 47
TUC-T	iP	10 04 46
	iPcP	06 11
Mar. 24		
COL	e(P)	10 04 01
EUR	iP	10 05 46
Mar. 24		
BOZ	eP	10 10 06
BUT	eP	10 10 02
COL	iP	10 07 08
EUR	iP	10 10 14
GUAM	eP	10 04 45
HH	iP	10 09 49
SLC	eP	10 10 24
THULE	e(P)	10 08 44
	iP	09 08
TUC	eP	10 08 26
	e	11 08
TUC-T	eP	10 08 26
	e	11 08
Mar. 24		
COL	iP	12 29 55
EUR	eP	12 32 59
HH	e(P)	12 32 35
Mar. 24		
COL	iP	14 15 37
EUR	iP	14 12 02
	i	14 16
HH	eP	14 12 43
	i	14 32
TUC	eP	14 10 58
TUC-T	eP	14 10 57
	e	11 05
Mar. 24		
COL	iP	14 44 58
Mar. 24		
HH	iP	16 30 54
Mar. 24		
COL	eP	20 11 11
EUR	eP	20 14 18
HH	eP	20 13 51

Date and Station		Phase (GCT)
		h m s
THULE	eP	20 13 07
Mar. 24		
COL	iP	21 06 06
	i	06 40
EUR	iP	21 06 56
Mar. 24		
EUR	eP	21 36 33
Mar. 24		
TUC-T	eP	22 47 34
Mar. 25		
BUT	eP	02 41 04
COL	iP	02 41 00
	ipP	42 35
EUR	iP	02 40 37
GUAM	iP	02 37 12
HH	iP	02 41 05
SLC	eP	02 40 54
TUC	iP	02 40 38
UKIAH	eP	02 40 12
Mar. 25		
COL	iP	04 28 50
Mar. 25		
EUR	eP	08 07 44
TUC	eP	08 07 14
TUC-T	eP	08 07 14
Mar. 25		
EUR	eP	09 15 55
Mar. 25		
EUR	eP	10 04 45
TUC-T	eP	10 04 55
Mar. 25		
COL	eP	11 12 18
EUR	eP	11 15 23
HH	e(P)	11 15 03
TUC	e(P)	11 16 19
TUC-T	eP	11 16 18
Mar. 25		
COL	eP	11 24 42
EUR	eP	11 27 46
THULE	eP	11 26 39

Date and Station		Phase (GCT)
		h m s
Mar. 25		
COL	eP	11 53 22
Mar. 25		
EUR	eP	15 26 22
Mar. 25		
COL	eP	17 49 32
	i	49 44
Mar. 25		
EUR	eP	22 52 28
TUC	eP	22 54 49
Mar. 26		
EUR	eP	04 48 52
Mar. 26		
COL	eP	08 56 12
EUR	iP	08 53 16
SJ	eP	08 47 35
TUC	eP	08 52 21
TUC-T	eP	08 52 20
Mar. 26		
EUR	iP	09 22 24
Mar. 26		
HH	iP	12 02 08
Mar. 26		
COL	iP	14 27 35
EUR	eP	14 28 03
Mar. 26		
COL	iP	15 14 28
Mar. 26		
COL	eP	15 43 38
Mar. 26		
COL	iP	16 02 24
Mar. 26		
COL	iP	16 14 43
Mar. 26		
TUC	eP	16 33 26
TUC-T	eP	16 33 25
Mar. 26		
COL	iP	18 44 00
EUR	eP	18 43 25
TUC-T	eP	18 43 24
Mar. 26		
EUR	iP	21 24 10

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

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

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

Date and Station		Phase (GCT)
		h m s
Mar. 29		
EUR	eP	04 02 44
	eS	03 23
	iL	03 27
TUC	e(P)	04 07 04
	e	07 15
TUC-T	eP	04 06 20
UKIAH	eP	04 02 54
	eL	03 47
Mar. 29		
COL	eP	05 15 36
Mar. 29		
EUR	eP	05 24 01
	i	24 20
HH	e(P)	05 23 59
Mar. 29		
COL	iP	06 08 23
EUR	iP	06 08 44
Mar. 29		
COL	iP	06 23 33
Mar. 29		
COL	eP	06 37 39
Mar. 29		
BOZ	eP	06 44 30C
BUT	eP	06 44 28
	e	48 13
COL	eP	06 43 48C
	iS	54 23
	eSS	07 00 24
	eL	06 07
	eP'P'	09 36
COLU	eP'	06 49 45
EUR	iP	06 44 02D
GUAM	iP	06 38 17D
	eS	44 03
	eL	45 44
HONO	iP	06 40 07D
	iS	47 00
	eL	54 16
	eT	07 33 13
HH	eP	06 44 31C
	iPP	48 31
	eSKS	55 05
	ePKKP	07 01 25
	eP'P'	09 39
KIP	eP	06 40 04D
SLC	eP	06 44 23C
SJ	iP'	06 50 08
	iPKS	53 32

Date and Station		Phase (GCT)
		h m s
THULE	eP	06 45 54
	iP'	49 44
	ePP	50 30
	e	51 47
	ePKKP	07 00 24
TUC	iP	06 44 10C
	i	44 18
	ePP	48 02
	e	48 32
	eS	55 18
	e(P'P')	07 09 42
	e	10 16
	iL	13 42
TUC-T	iP	06 44 10 C
	i	44 16
	e	07 01 26
	eP'P'	09 41
UKIAH	iP	06 43 41C
WASH	iP'	06 49 55
	ePP	51 19
	eP'P'	07 10 54
Mar. 29		
EUR	eP	07 09 41
Mar. 29		
COL	eP'	07 48 27
COLU	eP'	07 50 18
EUR	eP'	07 49 48
HH	iP'	07 49 37
TUC-T	eP'	07 50 07
	ePKS	53 35
Mar. 29		
COL	iP	08 56 51
Mar. 29		
COL	iP	11 38 41
EUR	eP	11 39 03
Mar. 29		
COL	e(P)	14 38 22
EUR	iP	14 43 17
Mar. 29		
BH	iP	16 01 50
	iS	02 25
Mar. 29		
COL	iP	16 12 08
Mar. 29		
COL	iP	20 42 57
Mar. 29		
EUR	iP	21 14 39
HH	iP	21 15 41

Date and Station		Phase (GCT)
		h m s
TUC	e(P)	21 13 34
	eL	18 13
TUC-T	eP	21 13 11
	e	14 02
	iL	18 09
Mar. 29		
COL	eP	22 22 59
EUR	eP	22 24 05
HH	e(P)	22 24 26
SJ	iP'	22 30 01
Mar. 30		
COL	iP	00 27 50
EUR	eP	00 28 11
Mar. 30		
COL	eP	00 43 11
EUR	iP	00 46 16
HH	eP	00 45 51
Mar. 30		
EUR	iP	02 19 36
Mar. 30		
EUR	eP	02 53 54
HH	eP	02 53 28
Mar. 30		
COL	iP	06 47 28
Mar. 30		
COL	iP	06 56 31
	iS	57 23
	iL	57 35
Mar. 30		
COL	eP	07 03 22
	eS	07 17
COLU	eP	07 09 42
EUR	iP	07 06 49
HH	iP	07 06 19
	ePcP	08 23
RC	iP	07 07 26
THULE	eP	07 08 35
TUC	iP	07 07 49
TUC-T	eP	07 07 50
	e	08 03
Mar. 30		
COL	eP	09 51 03
EUR	iP	09 51 16

Date and Station		Phase (GCT)
		h m s
SJ	eP'	09 57 21
	e	57 31
Mar. 30		
TUC	eP	09 53 53
TUC-T	eP	09 53 54
Mar. 30		
BOZ	eP	11 03 15
BUT	eP	11 03 07
COL	iP	11 02 28
	iPP	05 55
	eS	13 00
	eL	32 26
EUR	iP	11 02 48
HH	iP	11 03 07
RC	eP	11 03 36
SLC	eP	11 03 03
SJ	eP'	11 09 01
TUC	eP	11 02 59
	i	03 07
	eL	31 28
TUC-T	iP	11 02 59
	i	03 08
Mar. 30		
COL	iP	11 11 35
Mar. 30		
COL	eP	11 15 43
Mar. 30		
HH	e(P)	11 41 39
Mar. 30		
EUR	eP	12 21 56
Mar. 30		
COL	eP	12 50 43
EUR	eP	12 53 34
HH	eP	12 53 10
RC	eP	12 54 01
Mar. 30		
COL	iP	13 06 51
HH	eP	13 07 40
THULE	eP	13 02 45
	eS	07 48
TUC-T	e(P)	13 09 17
	e	09 22

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

Date and Station		Phase (GCT)	Date and Station	Phase (GCT)	Date and Station	Phase (GCT)	Date and Station	Phase (GCT)
		h m s		h m s		h m s		h m s
KIP	eP	20 04 24						
RC	eP	19 59 39						
	i	59 48						
	eL	20 06 21						
SLC	eP	19 59 50						
	eS	20 04 03						
	eL	05 23						
SJ	iP	20 04 03						
	e	09 34						
	iS	09 41						
THULE	eP	20 05 45						
	iPcP	06 45						
	i(PP)	08 04						
TUC	iP	19 57 48						
	iS	59 24						
	iL	59 30						
TUC-T	iP	19 57 48						
UKIAH	eP	20 01 18						
	i	01 21						
	eL	06 20						
Mar. 31								
HH	iP	20 06 49						
Mar. 31								
BOZ	eP	20 22 15						
COL	eP	20 26 04						
HH	eP	20 22 44						
SJ	eP	20 25 34						
	e	25 42						
TUC	eP	20 19 08						
Mar. 31								
COL	iP	21 41 01						
EUR	iP	21 44 12						
HH	eP	21 43 45						
RC	eP	21 44 36						
THULE	iP	21 42 54						
Mar. 31								
BOZ	eP	22 11 37						
EUR	iP	22 10 32						
HH	eP	22 12 06						
TUC	eP	22 08 38						
	e	09 04						
	eL	10 28						
Mar. 31								
HONO	eP	23 23 41						
KIP	eP	23 23 45						

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Date and Station	Phase (GCT)	Date and Station	Phase (GCT)	Date and Station	Phase (GCT)	Date and Station	Phase (GCT)
	h m s		h m s		h m s		h m s
Local and Minor Earthquakes		SJ					
		13	14.0				
			19.8				
Mar.		14	01.1				
BUT			13.4				
3	09.1	19	21.3				
4	12.1	21	09.7				
	12.3	23	07.9				
	12.9	24	23.0				
5	00.4	25	21.7				
6	23.8	27	05.9				
7	00.8		20.9				
8	09.2		21.0				
14	01.9		21.4				
	03.5	31	00.9				
16	06.5						
17	08.1	Mar.					
21	13.7	SIT					
		27	08.2				
Mar.		29	00.3				
COL							
1	12.6	Mar.					
4	21.8	TUC					
7	21.8	2	02.8				
8	04.3	3	14.0				
11	02.2	7	04.8				
13	04.5		06.3				
14	06.8		06.8				
15	06.6	10	08.6				
	18.2	13	06.6				
18	07.4	16	23.2				
	11.8	19	00.8				
	18.4		08.6				
19	05.4	24	02.8				
21	00.1	26	07.3				
25	02.0	27	00.8				
29	12.2		17.1				
	18.9	30	10.1				
Mar.							
EUR							
2	15.3						
5	11.6						
6	03.1						
8	04.7						
12	09.0						
14	10.4						
16	03.8						
17	19.7						
18	04.5						
19	16.0						
22	07.1						
25	16.0						
29	06.0						
31	11.0						
Mar.							
KIP							
24	03.8						
Mar.							
SJ							
2							
	03.2						
	05.7						
	16.5						
3	02.2						
7	01.1						
8	04.8						
	17.0						