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March, 1956

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U. S. DEPARTMENT OF COMMERCE

Sinclair Weeks, 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

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
**Burlington, Vt. (BUR)
University of Vermont
*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
Honolulu, T. H. (HONO)
*Hungry Horse, Mont. (HH)
Bureau of Reclamation
*Lincoln, Nebr. (LIN)
Nebraska Wesleyan University
**Philadelphia, Pa. (PHIL)
The Franklin Institute
**Rapid City, S. Dak. (RC)
South Dakota State School of Mines
*Salt Lake City, Utah (SLC)
University of Utah
San Juan, Puerto Rico (SJ)
Sitka, Alaska (SIT)
Tucson, Ariz. (TUC)
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.
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 locations 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 and Burlington, which may be obtained on loan by addressing the Seismograph Station Director: - Meteorological and Hydrographic Office, Panama Canal Company, Balboa Heights, Canal Zone; University of Vermont, Burlington, Vermont.

Date 1956	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Mar.	h m s	° ′	° ′	
1	02 52 54**			Lower California aftershock. Mag. 5.
1	06 26 40**			Northern Kurile Islands.
1	12 47 56**			Southern Iran.
1	14 01 56*	52 N.	159 E.	Near southeast coast of Kamchatka.
1	14 26 44*	52 N.	159 E.	Do.
1	23 11 50*	9-1/2 N.	85-1/2 W.	Off coast of Costa Rica.
2	11 56 20*	63-1/2 N.	149-1/2 W.	Alaska. Felt at College, McKinley Park and Talkeetna.
2	14 49 18*	45-1/2 N.	149-1/2 E.	Kurile Islands. h about 100 km.
3	00 05 25*	15 S.	173-1/2 W.	Samoa Islands region. Mag. 6-3/4.
3	10 13 44*	23-1/2 N.	94-1/2 E.	Burma-India border aftershock. h about 60 km.
3	18 23 11**			Lower California aftershock. Felt. Mag. 5-1/4.
4	03 18 10*	83-1/2 N.	112 E.	North Polar region.
4	16 16 54*	52-1/2 N.	158-1/2 E.	Near southeast coast of Kamchatka.
5	03 42 25*	52 N.	159-1/2 E.	Do.
5	07 12 13*	37 N.	77 E.	Southern Sinkiang Province, China.
5	23 29 41*	44-1/2 N.	144 E.	Near north coast of Hokkaido, Japan. Felt. Mag. 6-1/2 - 6-3/4.
5	23-42-53**			Sinkiang Province, China.
6	01 53 43**			About 150 miles off south coast of Honshu, Japan. h about 150 km.
6	08 55 28*	28 N.	52-1/2 E.	Southern Iran.
6	09 09 40**			Iran aftershock.
6	13 40 02**			About 100 miles off southeast coast of Kamchatka.
6	20 53 12**			Iran aftershock.
7	21 51 48*	9-1/2 N.	85 W.	Near coast of Costa Rica.
8	07 26 28**			Northern Nevada. Mag. 4-3/4 (Berk.)
8	11 05 26*	53-1/2 N.	168-1/2 W.	Fox Islands, Aleutian Islands.
9	00 32 32**			Lower California aftershock. Mag. 5.
9	04 25 00*	31-1/2 N.	115-1/2 W.	Do.
9	07 48 30**			About 100 miles off east coast of Trinidad. Felt.
9	11 37 56**			Banda Sea.
9	15 33 26**			Southern Iran.
9	16 44 50**			Iran aftershock.
9	17 31 07*	1 N.	80 W.	Near coast of Ecuador.
10	03 42 10*	17-1/2 S.	173 W.	Tonga Islands.
10	05 56 06*	40-1/2 N.	125 W.	Near coast of Northern California. Felt at Ferndale. Mag. 4 - 4-1/2 (Berk.)
10	14 12 51**			Lower California aftershock. Mag. 5 - 5-1/4.
10	16 26 33*	5 N.	126 E.	Near south coast of Mindanao, Philippine Islands.
10	19 33 40*	22-1/2 S.	176 W.	Tonga Islands. h about 200 km.

Date 1956	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Mar.	h m s	° ′	° ′	
10	21 37 01*	1/2 N.	125-1/2 E.	Molucca Passage.
12	02 15 57*	11 S.	76-1/2 W.	Central Peru.
12	11 22 51*	10 N.	122 E.	Near Panay Island, Philippine Islands. Felt at Iloilo.
12	19 50 37*	15 S.	175 W.	Samoa Islands region.
13	01 40 29**			Dominican Republic.
13	09 26 13*	36 N.	142 E.	Near east coast of Honshu, Japan.
13	13 13 10*	7 N.	82 W.	Off south coast of Panama. Felt at El Salvador and Canal Zone. Mag. 7.
13	19 22 15*	54 N.	169 E.	Komandorski Islands region.
13	23 31 50*	4 S.	153 E.	New Ireland.
14	05 29 33*	31-1/2 N.	116 W.	Lower California aftershock. Mag. 5.
14	11 00 38**			Andaman Islands.
14	15 38 38*	37 S.	178 E.	Off coast of North Island, New Zealand.
14	15 43 20**			New Zealand aftershock.
14	16 39 43**			East Pakistan. Felt at Bogra.
15	15 28 33*	7-1/2 N.	82-1/2 W.	South of Panama.
15	15 44 55*	7-1/2 N.	82-1/2 W.	Do.
15	20 16 30*	20 S.	69-1/2 W.	Northern Chile.
16	14 12 11*	23 S.	176 W.	Tonga Islands region.
16	18 21 25*	42 N.	141-1/2 E.	Near south coast of Hokkaido, Japan.
16	19 02 40**			Tonga Islands region.
16	19 32 43*	34 N.	36 E.	Lebanon foreshock.
16	19 43 28*	34 N.	36 E.	Lebanon. Many killed in Chouf and surrounding villages. Extensive property damage.
16	20 29 33*	34-1/2 N.	116-1/2 W.	Southern California. Felt. Mag. 4-3/4.
16	23 34 56*	34-1/2 N.	116-1/2 W.	Southern California. Felt. Mag. 4-1/2.
17	11 42 31*	40 N.	141 E.	Northern Honshu, Japan. Felt. h about 150 km.
17	15 41 18*	43 N.	145 E.	Near east coast of Hokkaido, Japan.
17	16 40 55**			Northern Kurile Islands.
17	19 54 56*	10 S.	154 E.	Solomon Sea foreshock.
17	23 41 42*	10 S.	154 E.	Solomon Sea.
18	08 17 57*	6 N.	93 E.	Nicobar Islands.
19	15 09 24*	40 N.	120 W.	California-Nevada border. Mag. 4-1/4 (Berk.)
19	17 35 57*	6 S.	150 E.	New Britain.
20	02 23 29*	43 N.	143 E.	Hokkaido, Japan.
20	04 15 00*	51-1/2 N.	159-1/2 E.	Off southeast coast of Kamchatka.
20	09 41 36*	5 S.	152-1/2 E.	Near coast of New Britain. h about 60 km.
20	10 23 39*	19-1/2 N.	120 E.	Off northwest coast of Luzon, Philippine Islands.
20	11 26 54**			Southern Kurile Islands.

Date 1954	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Mar.	h m s	° ′	° ′	
20	17 12 15*	19 S.	178-1/2 W.	Fiji Islands. h about 500 km.
21	04 54 46*	41 N.	48-1/2 E.	Azerbaijan S.S.R.
21	07 43 50*	20 N.	64-1/2 W.	Northeast of Puerto Rico.
22	06 33 55*	3-1/2 S.	79 W.	Ecuador. Felt at Guayaquil. h about 100 km. Mag. 6-3/4 - 7.
23	04 03 08*	20 N.	64-1/2 W.	Northeast of Puerto Rico.
23	05 10 48*	5 S.	151 E.	New Britain.
23	05 50 08**			Southeastern Tibet.
23	14 56 52**			Tonga Islands.
23	20 00 44*	6 S.	155 E.	Solomon Islands.
23	21 23 25*	35 N.	119-1/2 W.	Southern California. Felt at Taft and Bakersfield. Mag. 4-1/4 - 4-1/2.
24	21 08 25**			Tonga Islands region. Felt at Apia.
25	05 44 20**			Near coast of Guatemala and El Salvador.
25	23 27 31*	52 N.	159 E.	Near southeast coast of Kamchatka.
26	00 01 55*	18 S.	178-1/2 W.	Fiji Islands. h about 350 km.
26	03 20 45*	52 N.	159 E.	Near southeast coast of Kamchatka.
26	03 24 35*	52 N.	159 E.	Kamchatka aftershock.
26	03 59 02*	20 N.	64-1/2 W.	Northeast of Puerto Rico.
26	03 59 25*	52 N.	159 E.	Near southeast coast of Kamchatka.
26	05 21 20*	24-1/2 S.	68 W.	Northern Chile-Argentina border. h about 150 km.
26	08 17 24*	61-1/2 N.	151 W.	Southern Alaska. Felt at Anchorage.
26	17 02 12**			Near southeast coast of Kamchatka.
27	16 51 38**			Banda Sea.
28	03 21 24**			Andreanof Islands, Aleutian Islands.
28	08 14 05*	22 S.	175 W.	Tonga Islands. h about 60 km.
28	11 39 13**			Greece.
28	22 05 18*	30 N.	137 E.	Off south coast of Honshu, Japan. h about 500 km.
30	07 16 10**			Near Yellowstone National Park, Wyoming. Felt.
30	17 50 45**			Central Alaska. Felt at College.
30	18 43 45*	40 N.	144 E.	Off coast of Northern Honshu, Japan.
30	22 15 31*	22 S.	176 W.	Tonga Islands region.
31	01 34 00*	20 N.	64 W.	Northeast of Puerto Rico.
31	07 31 12**			Near coast of northern Chile. Felt at Antofagasta.
31	08 19 30*	3-1/2 N.	78-1/2 W.	Near coast of Colombia. Felt in Narino District. h about 100 km.

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

Date and Station		Phase (GCT)
		h m s
BOZ	iP	14 59 50
	ipP	15 00 16
BUT	iP	14 59 44
	ipP	15 00 09
COL	iP	14 56 35
COLU	eP	15 02 04
EUR	iP	14 59 57
	ipP	15 00 21
HH	iP	14 59 29
	ipP	59 53
SLC	iP	15 00 08
	ipP	00 34
TUC	iP	15 00 46
	epP	01 07
	e	02 44
Mar. 2		
EUR	eP	19 29 03
Mar. 2		
COL	iP	19 52 26
	e	52 53
	i	54 02
	i	54 43
EUR	eP	19 54 20
TUC	e(P)	19 52 07
Mar. 2		
EUR	eP	20 02 18
Mar. 2		
EUR	eP	22 18 38
	i	18 55
Mar. 2		
COL	e(P)	22 31 09
Mar. 2		
EUR	eP	22 48 28
Mar. 3		
BC	iP	00 17 13D
	i	17 16
	e	23 27
BOZ	eP	00 17 54D
	iPP	21 07
	eS	28 12
	ePPS	29 28
	e	30 29
	eSS	33 38
	eL	43 26
BUT	eP	00 17 50
	i	18 27
	i	19 10
	i	20 19
	iPP	21 00
	iS	28 04
	iPPS	29 04

Date and Station		Phase (GCT)
		h m s
BUT	eSS	00 34 21
	eL	41 14
COL	iP	00 17 48D
	i	18 01
	e	18 06
	ePP	20 55
	iS	28 01
	e	32 02
	eSS	33 12
	e(SSS)	35 53
	eL	36 50
COLU	e(S)	00 30 00
	e(PS)	30 55
	ePPS	31 10
	e	34 08
	e	37 47
	eL	51 42
EUR	iP	00 17 19D
	i	18 37
	i	19 04
HONO	iP	00 13 02C
	eS	19 04
	eL	22 16
T_L = 20 sec.	$A_{max.}$=2.5mm	
HH	iP	00 17 51C
	i	18 18
	iPP	21 01
	eP'P'	44 24
RC	eP	00 18 18
	eS	28 44
	eL	46 26
SLC	eP	00 17 38C
	iP	17 39
	i	18 00
	eS	27 42
	iPS	28 23
	e	29 59
	eL	41 03
TUC	iP	00 17 19D
	eS	27 09
	iL	39 54
Mar. 3		
EUR	iP	01 01 42
Mar. 3		
EUR	iP	02 20 38
Mar. 3		
HH	i(P)	05 08 34
Mar. 3		
BC	e(P)	06 25 14
	e	25 22
	eL	26 08
EUR	eP	06 25 34
	iP	25 38
	i	25 55
	iS	26 56

Date and Station		Phase (GCT)
		h m s
EUR	iL	06 27 08
Mar. 3		
BC	iP	06 35 15
	eL	36 32
BOZ	e(P)	06 37 43
EUR	iP	06 36 04
	e(S)	37 30
	iL	38 30
HH	eP	06 38 06
SLC	eP	06 36 33
	eL	39 41
TUC	eP	06 35 09
	i	35 28
	e(S)	35 56
	iL	36 42
Mar. 3		
HH	e(P)	09 39 10
	e	39 20
Mar. 3		
COL	iP	10 25 47
EUR	eP'	10 32 16
HH	eP	10 27 46
	ePP	32 03
TUC	eP'	10 32 32
Mar. 3		
HH	e(P)	10 43 30
Mar. 3		
EUR	iP	10 58 27
	i	58 39
Mar. 3		
HH	iP	16 46 29
	iS	46 38
Mar. 3		
BC	iP	18 24 25
	e	24 41
	i	24 44
	iL	25 43
BOZ	e(P)	18 26 56
COL	e(P)	18 30 56
EUR	iP	18 25 13
	i	25 45
	i(S)	26 23
	iL	27 37
HH	eP	18 27 18
	eL	30 42
SLC	e(P)	18 25 52
	eL	29 00
TUC	iP	18 24 19

Date and Station		Phase (GCT)
		h m s
TUC	i	18 24 33
	e(S)	25 09
	iL	25 40
Mar. 3		
EUR	eP	19 13 01
Mar. 3		
BC	eP	19 35 05
	iL	37 30
EUR	iP	19 35 54
Mar. 3		
COL	iP	19 56 10
Mar. 3		
EUR	iP	20 18 41
Mar. 3		
BC	eP	20 28 14
	eL	30 37
EUR	eP	20 29 03
	eL	31 22
TUC	eP	20 28 06
	e	28 24
	iL	29 08
Mar. 3		
BC	e(P)	22 16 38
	e	19 56
BOZ	eP	22 18 30
EUR	eP	22 17 32
	i	17 45
	i	18 06
	e	18 44
	e	22 15
HH	e(P)	22 19 01
TUC	e(P)	22 17 18
	i	17 23
Mar. 4		
EUR	iP	00 18 37
Mar. 4		
BOZ	e(P)	03 27 08
	e	27 20
BUT	eP	03 26 59
	i	27 05
COL	iP	03 23 55
EUR	iP	03 27 44
	i(PcP)	28 02
HH	eP	03 26 37
	e(PPP)	28 48
TUC	e(P)	03 28 36

Date and Station		Phase	Phase (GCT) h m s
Mar. 4			
EUR	eP		03 40 21
HH	e(P)		03 39 09
Mar. 4			
EUR	iP		05 29 42
TUC	e(P)		05 30 04
Mar. 4			
EUR	eP		06 34 31
TUC	e(P)		06 34 00
Mar. 4			
COL	iP		07 17 28
Mar. 4			
COL	eP		08 44 08
Mar. 4			
EUR	iP		15 29 53
Mar. 4			
BC	iP		16 27 08
	e		27 35
BOZ	eP		16 26 36
COL	iP		16 23 00
EUR	iP		16 26 46
HH	eP		16 26 10
	e		26 33
SLC	eP		16 26 57
TUC	eP		16 27 41
Mar. 4			
HH	eP		20 01 34
Mar. 4			
COL	eP		22 22 55
	i		23 37
Mar. 4			
HH	e(P)		23 30 07
Mar. 5			
BC	eP		01 59 22
	eL		02 00 01
	i		00 10
Mar. 5			
BC	iP		02 16 21
	eL		16 58
Mar. 5			
HH	e(P)		02 37 40
Mar. 5			
BC	eP		02 44 58
COL	eP		02 40 24
	e		40 30
EUR	eP		02 45 41
HH	e(P)		02 47 10
TUC	e(P)		02 44 14
	e		45 07
Mar. 5			
BC	e(P)		03 52 43
	e		52 50
BOZ	eP		03 52 12
COL	eP		03 48 31
	i		48 56
	iPP		49 30
EUR	iP		03 52 15
	i		52 37
HH	eP		03 51 45
TUC	e(P)		03 53 17
	e		53 32
Mar. 5			
COL	eP		07 23 41
	i		23 51
	iPcP		24 07
HH	eP		07 25 45
	ePP		29 39
Mar. 5			
EUR	iP		10 09 18
Mar. 5			
HH	e(P)		10 51 48
Mar. 5			
COL	eP		13 23 40
	i		23 56
EUR	iP		13 27 15
HH	eP		13 26 37
	e		26 53
Mar. 5			
EUR	iP		13 51 25
Mar. 5			
HH	e(P)		14 25 49
Mar. 5			
HH	iP		17 55 58
	i		56 26
Mar. 5			
EUR	iP		19 48 30
HH	e(P)		19 49 32
Mar. 5			
COL	eP		20 36 36
Mar. 5			
EUR	iP		21 34 23
Mar. 5			
COL	iP		23 05 02
	epP		05 52
Mar. 5			
BC	iP		23 41 15
	i		41 16
	e		43 58
BOZ	iP		23 40 48
	eP'P'		00 09 02
COL	iP		23 37 32
	ipP		37 58
	iPP		39 02
	e		40 35
	eS		43 48
	e		44 51
	iScS		47 33
	eL		50 36
COLU	i(P)		23 42 54
EUR	iP		23 40 56
HH	iP		23 40 27
	e(PP)		43 20
	e		00 08 32
	iP'P'		09 06
SLC	eP		23 41 06
	eL		00 11 26
TUC	iP		23 41 43
WASH	i(P)		23 42 43
	e		43 20
	e		44 26
	ePP		46 05
	e(S)		53 27
Mar. 5			
BC	eP		23 50 38
	eL		51 55
EUR	iP		23 51 25
TUC	e(P)		23 50 45
	e		50 50
	iL		52 08
Mar. 5			
TUC	eP		23 53 41
	i		53 56
	iL		54 52
Mar. 5			
COL	iP		23 54 01
HH	e(P)		23 55 58
Mar. 6			
BUT	eP		00 40 41
Mar. 6			
HH	eP		01 09 42
Mar. 6			
COL	iP		01 31 06
Mar. 6			
COL	eP		02 02 43
EUR	iP		02 05 30
HH	eP		02 05 10
Mar. 6			
COLU	eP		02 32 10
HH	e(P)		02 34 14
Mar. 6			
BUT	eP		03 05 23
Mar. 6			
EUR	iP		03 32 51
Mar. 6			
COL	iP		04 03 43
HH	i(P)		04 08 23
Mar. 6			
EUR	e(P)		06 52 58
	i		53 57
Mar. 6			
COL	iP		09 08 11
Mar. 6			
COL	iP		09 20 07
EUR	ePP		09 25 04
Mar. 6			
COL	iP		09 22 23
Mar. 6			
COL	iP		09 26 09
	ipP		27 15
Mar. 6			
COL	eP		13 46 11
EUR	eP		13 49 53
Mar. 6			
TUC	eP		14 05 21
Mar. 6			
COL	iP		21 05 54
Mar. 6			
EUR	iP		21 22 51
Mar. 7			
HH	e(P)		04 20 23
Mar. 7			
EUR	iP		04 50 57
Mar. 7			
COL	iP		06 40 19

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Date and Station		Phase (GCT)
		h m s
Mar. 7		
COL	iP	07 12 12
	iS	13 10
Mar. 7		
HH	iP	10 05 44
	iS	06 04
	iL	06 07
Mar. 7		
COL	iP	12 48 04
EUR	iP	12 51 54
HH	e(P)	12 51 17
	e	52 32
Mar. 7		
BC	eP	13 37 34
	e	37 50
	eL	38 41
EUR	iP	13 38 21
	i	38 43
	iL	40 30
Mar. 7		
COL	iP	14 17 12
TUC	e(P)	14 17 23
Mar. 7		
BC	eP	15 30 35
	e	30 58
	eL	31 54
EUR	iP	15 31 14
	i	32 08
	i	32 19
	iL	33 41
HH	e(P)	15 33 26
SLC	eP	15 31 55
	eL	34 43
TUC	iP	15 30 26
	i	30 45
	iL	31 44
Mar. 7		
BC	eP	17 56 19
	eL	57 13
EUR	iP	17 55 17
	iL	56 21
HH	e(P)	17 59 41
Mar. 7		
BC	eP	18 29 40
	e	29 57
Mar. 7		
COL	iP	18 56 38
	i	57 25
	i	57 45
EUR	iP	19 02 04
HH	iP	19 01 05
	i	01 09
Mar. 7		
BH	iP	21 53 08
COLU	eP	21 57 12
	e	57 30
EUR	eP	21 59 13
	i	59 36
HH	e(P)	22 00 13
Mar. 7		
BC	e(P)	23 37 24
	e	37 49
	i	39 29
EUR	eP	23 40 23
Mar. 8		
HH	e(P)	03 02 05
Mar. 8		
BC	eP	07 27 25
	e	27 38
	eL	28 27
BOZ	e(P)	07 29 03
	eL	31 05
BUT	e(P)	07 28 59
	eL	30 35
EUR	iP	07 26 52
HH	eP	07 28 48
	eL	31 24
SLC	eP	07 27 49
	i	28 00
	iL	29 03
UK	iP	07 27 34
	e(S)	28 31
	eL	28 41
Mar. 8		
COL	iP	08 19 21
EUR	iP	08 19 32
	epP	20 02
Mar. 8		
COL	iP	08 24 28
Mar. 8		
COL	iP	08 29 23
	i	31 37
HH	e(P)	08 28 46
Mar. 8		
COL	iP	08 34 20
Mar. 8		
COL	iP	09 10 09
Mar. 8		
COL	iP	09 12 11
Mar. 8		
COL	iP	09 26 41
Mar. 8		
BC	eP	11 13 17
BOZ	eP	11 12 34
COL	iP	11 09 06
	i	13 37
EUR	iP	11 12 41
	i	12 55
	iPcP	14 23
HH	iP	11 12 07
	i	12 20
	ePcP	14 50
	e	15 09
TUC	e(P)	11 13 48
	e	14 02
UK	eP	11 12 22
Mar. 8		
COL	iP	14 49 20
Mar. 8		
SJ	i(P)	15 11 48
Mar. 8		
EUR	iP	22 53 17
HH	iP	22 53 00
Mar. 8		
HH	i(P)	23 30 36
Mar. 9		
BC	iP	00 33 48
	e	34 07
	eL	34 58
BOZ	eP	00 36 16
EUR	iP	00 34 37
HH	eP	00 36 37
SLC	eP	00 35 06
	eL	37 52
TUC	e(P)	00 33 46
	e	33 52
	iL	35 08
Mar. 9		
HH	eP	02 17 02
SJ	iP	02 12 12
Mar. 9		
COL	iP	03 15 18
Mar. 9		
BC	eP	04 26 12
	iL	27 34
BOZ	eP	04 28 39
EUR	iP	04 27 01
	i	27 42
	i	28 04
	iL	29 33
HH	eP	04 29 03
SLC	e(P)	04 27 27
	eL	30 26
TUC	eP	04 26 04
	i	26 24
	i	26 35
	iL	27 20
Mar. 9		
EUR	eP	07 58 24
HH	iP	07 58 33
SJ	eP	07 50 57
	eS	52 17
Mar. 9		
HH	e(P)	09 42 51
Mar. 9		
COL	iP	11 51 12
EUR	iP	11 56 37
HH	eP	11 56 34
TUC	eP	11 56 48
Mar. 9		
COL	iP	15 46 02
Mar. 9		
COL	iP	15 55 08
Mar. 9		
COL	iP	16 57 35
Mar. 9		
COL	eP	17 40 24
Mar. 9		
BC	eP	17 39 51
	e	47 46
COL	iP	17 43 19
BOZ	eP	17 40 25
COLU	eP	17 37 47
EUR	iP	17 40 11

Date and Station		Phase	(GCT) h m s
HH		iP	17 40 47
		iPcP	42 00
		i	42 32
SLC		eP	17 40 02
SJ		iP	17 36 08
		iPP	36 34
Mar. 9			
COL		iP	17 46 25
EUR		iP	17 46 47
		e	47 43
HH		iP	17 47 04
Mar. 9			
HH		e(P)	20 04 49
Mar. 9			
COL		iP	20 22 41
Mar. 9			
HH		e(P)	21 18 22
SLC		eP	22 15 02
Mar. 9			
COL		iP	22 50 29
Mar. 10			
EUR		eP	02 13 55
TUC		eP	02 12 40
		e	13 05
Mar. 10			
TUC		eP	02 35 55
		e	36 06
Mar. 10			
COL		iP	03 41 27
Mar. 10			
BC		eP	03 54 06
BOZ		eP	03 54 47
BUT		eP	03 54 39
COL		iP	03 54 44
EUR		iP	03 54 11
HH		eP	03 54 44
		e	55 11
TUC		eP	03 54 10
Mar. 10			
EUR		iP	04 40 25
HH		eP	04 39 46
Mar. 10			
EUR		iP	05 03 03

Date and Station		Phase	(GCT) h m s
Mar. 10			
BC		eP	05 58 18
		e	59 17
BOZ		eP	05 58 55
		e	59 24
BUT		eP	05 58 43
		eL	06 01 03
EUR		iP	05 57 50
		iL	59 26
HH		iP	05 58 52
		e(S)	06 01 06
		eL	01 46
SLC		eP	05 58 35
TUC		e(P)	05 59 36
UK		iP	05 56 39
		e(S)	57 12
		iL	57 25
Mar. 10			
EUR		iP	06 04 56
Mar. 10			
EUR		iP	07 26 02
Mar. 10			
COL		eP	09 43 55
HH		eP	09 45 24
Mar. 10			
COL		iP	12 07 29
Mar. 10			
BC		e(P)	14 09 13
		e	09 19
		eL	10 16
EUR		iP	14 08 30
HH		eP	14 12 53
		i	13 12
SLC		e(P)	14 09 30
		e	09 48
		eL	10 43
TUC		e(P)	14 10 58
UK		eP	14 09 09
		e	09 12
Mar. 10			
BC		iP	14 14 06
		e	14 23
		eL	15 19
BOZ		eP	14 16 33
EUR		iP	14 14 54
		iS	16 34
		iL	17 17

Date and Station		Phase	(GCT) h m s
HH		eP	14 16 55
		e	17 29
SLC		eP	14 15 20
		eL	18 18
TUC		eP	14 14 00
Mar. 10			
COL		eP	14 27 33
Mar. 10			
BC		eP	15 08 16
		eL	09 57
BOZ		eP	15 10 37
		e	10 42
COL		eP	15 14 36
EUR		eP	15 09 06
		i	12 04
HH		eP	15 11 08
SLC		eP	15 09 32
		e(S)	11 28
		eL	12 27
TUC		eP	15 07 48
		e	07 59
		i	08 44
Mar. 10			
COL		eP	16 39 04
Mar. 10			
COL		eP	17 19 17
Mar. 10			
EUR		eP	19 25 19
		e	26 09
		eL	27 47
TUC		eP	19 23 54
		i	24 08
		eL	25 12
Mar. 10			
COL		iP	19 41 40
		ipP	42 05
EUR		iP	19 42 17
		ipP	42 40
Mar. 10			
BC		eP	19 45 41
BOZ		iP	19 46 20
BUT		eP	19 46 17
COL		iP	19 46 20
EUR		iP	19 45 47
HH		eP	19 46 19
		ePP	50 09

Date and Station		Phase	(GCT) h m s
SLC		eP'	19 46 04
TUC		iP	19 45 45
		ipP	46 20
		esP	47 06
		eL	20 12 10
UK		eP	19 45 24
Mar. 10			
BC		eP	20 22 34
EUR		eP	20 22 22
Mar. 10			
BC		eP'	21 55 50
BOZ		eP'	21 55 47
		eSKS	22 04 52
COL		iP	21 49 55
		i	50 01
		i	50 25
COLU		eP'	21 56 31
		e	56 52
		ePP	59 17
EUR		eP'	21 55 45
HONO		eP	21 49 04
HH		e(P)	21 51 43
		eP'	55 45
		ePP	56 11
		eP'P'	22 05 25
SLC		e(P')	21 55 51
		ePP	56 40
SJ		iP'	21 57 07
		i	57 27
		i	57 40
TUC		eP'	21 55 58
		e	56 18
		ePP	57 10
WASH		iP'	21 56 29
		i	56 54
		e	57 19
		e(PKS)	59 53
Mar. 10			
BC		eP	22 02 28
EUR		eP	22 03 21
SLC		e(P)	22 03 52
		eL	06 34
TUC		e(P)	22 01 57
		e	02 11
		i	02 54
		iL	03 38
Mar. 10			
BOZ		e(P)	23 15 46

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Date and Station		Phase (GCT)
		h m s
TUC	e(P)	23 30 11
Mar. 10		
HH	e(P)	23 59 49
Mar. 11		
BH	iP	00 56 24
	eS	57 06
Mar. 11		
EUR	iP	02 11 35
Mar. 11		
EUR	eP	07 50 29
Mar. 11		
COL	iP	15 17 07
EUR	iP	15 20 07
HH	e(P)	15 19 18
	i	19 56
Mar. 11		
COL	eP	15 24 35
EUR	iP	15 27 50
Mar. 11		
HH	eP	16 42 29
Mar. 11		
HH	e(P)	18 04 35
Mar. 11		
COL	iP	20 17 12
Mar. 11		
HH	e(P)	21 32 09
Mar. 11		
HH	i(P)	22 41 40
Mar. 12		
COL	iP	00 12 06
Mar. 12		
EUR	uP	01 26 20
	iP	27 27
Mar. 12		
EUR	iP	01 38 30
Mar. 12		
HH	e(P)	01 50 21
	e	50 36
Mar. 12		
BOZ	eP	02 26 38
EUR	iP	02 26 24
HH	eP	02 27 00
SJ	eP	02 22 16
	i	23 11
TUC	eP	02 25 28

Date and Station		Phase (GCT)
		h m s
Mar. 12		
COL	iP	05 02 09
HH	e(P)	05 02 16
Mar. 12		
EUR	iP	05 16 48
Mar. 12		
COL	iP	06 22 54
HH	i(P)	06 20 25
Mar. 12		
COL	eP	11 35 08
Mar. 12		
EUR	iP	11 57 48
Mar. 12		
EUR	iP	14 34 07
Mar. 12		
EUR	iP	16 07 24
Mar. 12		
HH	e(P)	17 30 11
Mar. 12		
HH	e(P)	18 45 10
Mar. 12		
BC	eP	20 02 28
BOZ	iP	20 03 08
BUT	eP	20 03 03
COL	iP	20 03 01
EUR	iP	20 02 33
HH	iP	20 03 04
SLC	eP	20 02 52
TUC	eP	20 02 35
UK	eP	20 02 07
Mar. 12		
HH	i(P)	22 52 28
Mar. 12		
HH	e(P)	23 16 09
Mar. 13		
BC	e(P)	01 48 31
	e	48 33
BUT	eP	01 48 33
COL	iP	01 51 30
COLU	eP	01 44 32
	eS	47 32
	eL	48 42
EUR	iP	01 48 45

Date and Station		Phase (GCT)
		h m s
HH	eP	01 48 52
	i	48 55
SLC	eP	01 48 22
SJ	eP	01 41 39
	iS	42 27
	iL	42 44
Mar. 13		
COL	eP	05 40 41
EUR	eP	05 44 20
Mar. 13		
EUR	iP	08 59 46
Mar. 13		
BC	e(P)	09 38 37
BOZ	eP	09 38 06
BUT	eP	09 37 57
COL	iP	09 35 09
	i	35 20
EUR	iP	09 38 07
	i	38 26
HH	eP	09 37 43
Mar. 13		
BH	iP	13 14 04
	i(S)	14 11
BC	eP	13 21 00C
	iP	21 01D
	i	21 08
	eS	27 22
	eScS	31 12
BOZ	eP	13 21 33
	i	21 39
	eS	28 15
	iS	28 18
	eScS	31 35
	eL	34 31
BUT	eP	13 21 41
	iP	21 47
	i	22 02
	iPP	23 26
	i	23 40
	i	24 07
	iS	28 31
	i	28 51
	iScS	31 42
	eL	33 14
CHI	eP	13 20 03
	ePP	21 18
	eS	25 24
	eL	27 10
COL	eP	13 24 44D
	iP	24 50D
	iPcP	25 07

Date and Station		Phase (GCT)
		h m s
COL	ePP	13 27 19
	ePPP	28 43
	eS	34 15
	eScS	34 44
	e(SS)	38 38
	eL	42 08
COLU	iP	13 18 56D
	eS	23 21
	iS	23 30
	iL	25 00
EUR	iP	13 21 22C
	i	21 29C
HONO	eP	13 24 59
HH	iP	13 22 00D
	i	22 06
	i	22 24
	iPcP	23 24
	ePP	24 12
	e	28 12
	eS	29 06
	e	29 44
	eScS	31 54
RC	eP	13 21 04
	ePP	22 44
	eS	27 06
	eL	30 32
SLC	eP	13 21 10C
	i	21 16
	ePP	22 51
	eS	27 33
	eSS	30 33
	eL	30 51
SJ	iP	13 17 35D
	i	17 44
	iS	21 18
	iL	22 44
SIT	iS	13 32 31
	eL	40 02
TUC	iP	13 20 19D
	i	20 25
	iPP	21 48
	iS	26 05
	eL	30 40
UK	iP	13 22 06C
	e	22 24
WASH	iP	13 19 43C
	i(PP)	21 13
	ePcP	22 25
	iS	25 21
	iL	26 37
Mar. 13		
COL	eP	14 25 16
	i	25 24
	e(S)	26 30
	iL	26 48

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

Date and Station		Phase (GCT)
		h m s
HH	e(P)	10 37 23
TUC	eP	10 34 24
	e	34 41
	eL	35 40
Mar. 16		
BC	eP	10 53 54
	i	54 17
	eL	55 07
EUR	iP	10 54 39
	iL	56 46
HH	e(P)	10 56 44
TUC	eP	10 53 49
	e	54 06
	e(S)	54 38
	eL	54 56
Mar. 16		
HH	e(P)	13 05 37
Mar. 16		
EUR	iP	13 53 42
	e	55 01
HH	iP	13 53 39
Mar. 16		
BC	eP	14 24 40
	e	24 49
COL	iP	14 25 16
EUR	iP	14 24 44
HH	e(P)	14 25 15
TUC	eP	14 24 42
	e	24 55
Mar. 16		
BC	eP	14 35 44
	iL	36 22
Mar. 16		
BC	eP	16 30 36
	e	30 54
	eL	31 44
HH	e(P)	16 36 30
TUC	e(P)	16 30 46
	e(S)	31 34
	eL	31 58
Mar. 16		
EUR	iP	17 19 01
Mar. 16		
COL	iP	18 29 43
EUR	eP	18 32 55
HH	e(P)	18 32 47

Date and Station		Phase (GCT)
		h m s
Mar. 16		
BC	eP	19 15 08
	e	16 00
COL	iP	19 15 42
EUR	iP	19 15 12
HH	e(P)	19 15 40
TUC	eP	19 15 10
Mar. 16		
BUT	eP	19 46 21
COL	iP	19 45 00
EUR	iP	19 45 14
	i	45 30
HH	iP	19 45 59
Mar. 16		
BOZ	eP	19 56 57
COL	iP	19 55 50
HH	iP	19 56 47
	e	59 32
Mar. 16		
BC	iP	20 30 12
BOZ	eP	20 32 34
	eL	36 16
BUT	iP	20 32 30
EUR	iP	20 30 54
HH	eP	20 32 58
	eL	37 18
SLC	eP	20 31 28
	i	31 57
	i(S)	33 36
	iL	33 43
TUC	e(P)	20 30 52
	e	31 16
	eL	32 16
UK	eP	20 31 34
	eL	33 12
Mar. 16		
BC	eP	20 34 22
	eL	35 39
Mar. 16		
BC	eP	20 36 52
	eL	37 30
Mar. 16		
BC	eP	23 28 38
COL	iP	23 24 17
EUR	iP	23 28 15

Date and Station		Phase (GCT)
		h m s
Mar. 16		
BC	iP	23 35 35
	iL	36 11
BOZ	eP	23 37 58
	e	39 41
EUR	iP	23 36 18
HH	eP	23 38 22
	eL	42 49
SLC	eP	23 36 52
	e	37 21
	iL	39 06
TUC	eP	23 36 16
	eL	37 30
UK	e(P)	23 37 14
	e	38 30
	eL	38 56
Mar. 16		
BC	iP	23 41 19
	eL	41 55
Mar. 17		
BC	eP	00 35 30
	eL	36 53
TUC	eP	00 35 23
	e	35 39
	eL	36 25
Mar. 17		
BC	eP	00 40 52
	eL	41 28
Mar. 17		
BC	eP	01 28 34
	i	28 56
	eL	29 24
TUC	eP	01 28 26
	e	28 46
	eL	29 26
Mar. 17		
HH	e(P)	03 15 08
Mar. 17		
HH	e(P)	05 19 36
Mar. 17		
COL	iP	07 58 42
Mar. 17		
EUR	iP	08 04 39
Mar. 17		
BC	iP	11 54 14
	ipP	54 38
BOZ	iP	11 53 49
	epP	54 14
	e	54 24

Date and Station		Phase (GCT)
		h m s
BUT	iP	11 53 44
	ipP	54 08
COL	iP	11 50 50
	i	51 00
EUR	iP	11 53 56
HH	iP	11 53 29
	ipP	53 53
	isP	54 04
SLC	iP	11 54 05
	i(pP)	54 41
TUC	eP	11 54 39
	ipP	55 05
UK	eP	11 53 31
	epP	54 07
Mar. 17		
HH	e(P)	12 24 53
Mar. 17		
BC	iP	15 52 48
	e	53 01
COL	iP	15 49 14
EUR	iP	15 52 29
HH	iP	15 52 01
	e	52 13
TUC	eP	15 53 17
Mar. 17		
COL	iP	16 47 30
EUR	iP	16 51 06
	i	51 19
HH	eP	16 50 33
TUC	eP	16 51 58
Mar. 17		
SJ	i(P)	18 43 09
Mar. 17		
COL	iP	20 07 39
	i	07 45
EUR	iP	20 08 29
	i	08 35
	ePP	12 20
HH	eP	20 08 49
	eP'	12 22
	ePP	12 49
Mar. 17		
BC	eP	20 22 57
	eL	24 15
Mar. 17		
COL	iP	23 54 25

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Date and Station		Phase	(GCT) h m s
EUR	iP		23 55 15
	i		55 21
	ePP		59 11
HH	eP		23 55 26
	ePP		59 16
Mar. 18			
BC	eP		02 42 55
	eL		43 30
HH	eP		02 50 54
Mar. 18			
EUR	eP		03 51 20
Mar. 18			
HH	e(P)		05 27 05
Mar. 18			
BC	eP'		08 37 09
	ePKS		40 31
BOZ	eP'		08 36 57
	ePP		38 28
COL	e(P)		08 31 35
EUR	iP'		08 37 02
HH	eP'		08 36 51
	ePP		38 15
SJ	eP'		08 37 42
TUC	e(P')		08 37 19
	ePKS		40 51
	e		41 29
Mar. 18			
EUR	iP		10 18 50
	i		19 12
	i		19 32
	i		19 53
HH	e(P)		10 20 04
	e		21 20
	e		22 58
Mar. 18			
EUR	iP		10 23 11
	i		23 32
	i		23 56
	i		24 38
TUC	e		10 24 18
	e		28 41
Mar. 18			
COL	e(P)		14 12 06
	e		12 28
Mar. 18			
EUR	iP		15 16 20
Mar. 18			
BC	iP'		17 18 27
COL	iP'		17 18 07
EUR	iP'		17 18 25
	i		21 52
HH	iP'		17 18 44
SLC	eP'		17 18 42
TUC	iP'		17 18 36
Mar. 18			
EUR	iP		17 31 12
Mar. 18			
EUR	eP		21 47 28
Mar. 18			
HH	i(P)		22 47 21
Mar. 19			
TUC	eP		00 15 50
	e		16 05
	eL		17 03
	iL		17 11
Mar. 19			
HH	e(P)		01 49 08
	e		49 29
Mar. 19			
SIT	iP		02 19 24
	e		19 46
	iS		20 38
	i		20 52
	iL		21 22
Mar. 19			
EUR	eP		06 04 20
Mar. 19			
EUR	eP		07 40 32
HH	eP		07 39 47
Mar. 19			
COL	iP		09 51 22
Mar. 19			
EUR	i(P)		10 08 37
Mar. 19			
EUR	iP		11 39 40
	iS		40 02
	iL		40 09
Mar. 19			
BC	eP		13 37 33
BOZ	iP		13 38 32
COL	eP		13 41 39
	i		42 02
EUR	iP		13 38 01
	i		38 16
HH	iP		13 38 57
SLC	iP		13 37 59
TUC	eP		13 36 50
Mar. 19			
BC	eP		15 10 48
	e		11 13
	eL		12 19
BOZ	e		15 12 15
	iL		13 55
EUR	iP		15 10 09
	i		10 13
	iS		10 49
	iL		11 05
HH	e		15 13 19
	eL		14 14
SLC	e(P)		15 11 17
	e		12 21
	eL		12 42
UK	e(P)		15 10 12
	e		10 23
	i		10 34
	iL		10 42
Mar. 19			
EUR	iP		17 39 19
Mar. 19			
BC	eP		17 49 35
	e		49 53
COL	iP		17 48 28
	i		48 56
	i		49 26
EUR	iP		17 49 32
	i		49 39
HH	eP		17 49 38
	e		50 27
	ePP		53 30
	eSKS		18 00 54
	iPKKP		06 12
	iP'P'		14 24
SJ	eP'		17 55 29
	i		55 34
	ipP'		55 47
Mar. 19			
EUR	iP		18 06 16
	i		06 28
Mar. 19			
BOZ	e		18 14 20
	e		14 30
Mar. 19			
COL	iP		18 24 48
	i		24 57
	iS		25 36
	iL		25 44
Mar. 19			
EUR	iP		23 48 54
	i		49 27
Mar. 20			
COL	iP		02 31 34
EUR	eP		02 34 48
HH	iP		02 34 22
Mar. 20			
TUC	eP		04 12 31
Mar. 20			
BC	eP		04 24 40
	e		24 53
BOZ	e(P)		04 24 34
	e		24 43
COL	eP		04 21 04
	i		21 16
EUR	iP		04 24 48
	i		25 36
HH	eP		04 24 15
	e		25 47
SLC	eP		04 24 57
TUC	eP		04 25 45
Mar. 20			
TUC	eP		04 38 53
Mar. 20			
BOZ	eP		05 07 28
COL	eP		05 09 15
EUR	eP		05 07 54
HH	eP		05 07 40
SJ	eP		05 02 19
TUC	e(P)		05 07 34
	e		10 19
Mar. 20			
BOZ	eP		05 10 13
COL	iP		05 12 02
EUR	iP		05 10 38
HH	eP		05 10 24
Mar. 20			
BC	eP		05 36 04
	e		36 11
	e		37.02
BOZ	iP		05 36 07
	e		36 28
COL	iP		05 37 55
EUR	iP		05 41 32

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Date and Station		Phase (GCT)
		h m s
HH	eP	05 36 20
SLC	e(P)	05 36 12
SJ	eP	05 30 59
TUC	eP	05 36 14
Mar. 20		
BC	eP	09 55 03
	epP	55 16
BOZ	eP	09 55 17
COL	iP	09 53 57
	ipP	54 26
EUR	iP	09 54 57
	ipP	55 10
HH	eP	09 55 06
	epP	55 20
SJ	e(P')	10 00 57
	i	01 06
Mar. 20		
EUR	eP	10 12 36
Mar. 20		
COL	iP	10 35 14
EUR	eP	10 37 34
HH	eP	10 37 15
Mar. 20		
BC	eP	11 38 47
BOZ	e(P)	11 37 54
COL	iP	11 34 41
	i	34 53
	e	35 34
EUR	iP	11 37 57
HH	eP	11 37 31
	e	37 50
Mar. 20		
BC	iP	12 43 02
BOZ	eP	12 43 25
COL	iP	12 46 26
EUR	iP	12 42 56
HH	iP	12 43 50
	i	45 00
SLC	iP	12 42 54
TUC	eP	12 41 50
	i	41 51
	e	42 16
UK	e(P)	12 43 25

Date and Station		Phase (GCT)
		h m s
Mar. 20		
BC	eP	13 12 28
EUR	iP	13 12 59
HH	e(P)	13 14 10
TUC	eP	13 11 34
Mar. 20		
COL	iP	16 30 52
HH	eP	16 32 18
Mar. 20		
BOZ	eP	17 24 20
COL	iP	17 24 10
	i	24 29
	e	26 02
EUR	iP	17 23 47
HH	iP	17 24 16
Mar. 20		
COL	e(P)	17 30 08
Mar. 20		
BC	eP	20 32 23
Mar. 20		
HH	e(P)	22 18 05
Mar. 20		
HH	e(P)	22 37 15
Mar. 21		
COL	iP	01 10 51
Mar. 21		
HH	e(P)	03 31 08
Mar. 21		
BOZ	eP	05 08 01
COL	iP	05 06 24
COLU	eP	05 08 00
EUR	iP	05 08 30
HH	iP	05 07 48
Mar. 21		
HH	e(P)	05 19 11
Mar. 21		
TUC	eP	05 38 03
	e	39 37
Mar. 21		
TUC	eP	06 38 02
	e	38 21
	eL	39 09
Mar. 21		
BC	e(P)	07 52 25

Date and Station		Phase (GCT)
		h m s
COL	eP	07 55 01
COLU	eP	07 48 31
	e	48 40
	e(S)	52 15
EUR	eP	07 52 33
HH	iP	07 52 38
SLC	e(P)	07 52 10
SJ	iP	07 44 22
	iS	44 45
	iL	44 52
Mar. 21		
EUR	iP	09 56 56
HH	eP	09 55 59
Mar. 21		
EUR	iP	11 07 03
Mar. 21		
EUR	iP	12 30 04
Mar. 21		
COL	iP	15 27 57
HH	e(P)	15 30 32
Mar. 21		
EUR	iP	15 59 51
Mar. 21		
COL	e(P)	16 54 00
Mar. 21		
COL	eP	18 07 33
HH	iP	18 07 17
Mar. 21		
COL	iP	18 27 15
Mar. 21		
HH	eP	18 57 41
Mar. 21		
COL	iP	19 54 46
EUR	eP	19 54 11
Mar. 21		
COL	eP	22 16 04
Mar. 21		
EUR	eP	23 12 12
	i	12 45
Mar. 21		
HH	i(P)	23 28 29
Mar. 21		
SJ	iP	23 49 26
	i(S)	49 51
	iL	50 01

Date and Station		Phase (GCT)
		h m s
Mar. 22		
COL	iP	05 13 49
EUR	iP	05 15 54
HH	iP	05 15 45
Mar. 22		
BC	iP	06 42 59D
	i	43 00C
	ipP	43 21
	isP	43 33
	ePP	45 04
	iPP	45 13
	e	47 31
	eS	50 17
	eP'P'	07 13 27
	iP'P'	13 34
BOZ	iP	06 43 33C
	i	43 35D
	ipP	43 58
	iS	51 21
	i(sS)	52 09
	eP'P'	07 13 18
	e	13 35
BUT	eP	06 43 39
	iP	43 40D
	ipP	44 02
	i	44 22
	iPcP	44 47
	iPP	45 49
	ipPP	46 25
	ipPPP	47 42
	iScP	48 20
	eS	51 31
	iS	51 33
	isS	52 14
	eScS	53 21
	iSS	55 36
	eL	58 02
CHI	iP	06 42 06
	ipP	42 26
	ePP	44 00
	epPP	44 26
	ePPP	44 54
	eS	48 44
	esS	49 33
	eScS	51 56
	eL	52 57
COL	iP	06 46 20D
	ipP	46 43
	isP	46 52
	i	47 09
	e	47 29
	e	48 20
	iPP	49 38
	epPP	50 07
	e	52 20
	eS	56 29
	esS	57 10
	eSS	07 01 42
	eL	13 04

Date and Station		Phase	(GCT)
			h m s
COLU	eP		06 41 02D
	iP		41 03
	ipP		41 24
	i		41 37
	iPP		42 49
	eFcF		43 25
	eS		46 39
	eL		49 34
EUR	iP		06 43 19D
	ipP		43 52
	eP'P'		07 13 24
	iP'P'		14 06
HH	iP		06 43 56D
	ipP		44 20
	isP		44 36
	i(PP)		46 35
	eS		52 04
	esS		52 41
	e		54 33
	e		07 06 21
	eP'P'		13 09
PHIL	iP		06 41 55N,W
	e		42 12
	ePP		43 38
	ipPP		44 14
	iS		48 11
	isS		48 52
	eSS		51 35
	eL		52 07
RC	iP		06 43 01C
	ipP		43 25
	e		43 57
	ePP		45 03
	ePPP		46 25
	e		48 11
	iS		50 21
	e		50 57
	eL		51 41
SLC	iP		06 43 09C
	ipP		43 31
	isS		43 43
	ePPP		46 28
	eS		50 31
	esS		51 25
	eSS		54 22
	eL		07 00 05
	e		13 10
SJ	iP		06 39 15C
	ipP		39 39
	i		40 12
	i		41 13
	iS		43 30
	eL		45 56
TUC	iP		06 42 19D
	epP		42 48
	e		43 52
	e		44 40
	eS		49 08
	eSS		52 52
	eL		57 02
UK	iP		06 43 52C
	e(P'P')		07 14 01
WASH	iP		06 41 44D
	ipP		42 04
	i		44 02
	iS		48 02
Mar. 22			
EUR	eP		07 19 39
Mar. 22			
EUR	eP		12 25 35
Mar. 22			
EUR	iP		13 13 19
Mar. 22			
COL	iP		16 04 17
EUR	eP		15 58 49
Mar. 22			
COL	iP		18 55 34
Mar. 22			
EUR	eP		21 37 44
Mar. 22			
HH	e(P)		22 06 34
Mar. 22			
HH	iP		23 48 43
Mar. 23			
COL	eP		04 03 03
Mar. 23			
COL	eP		04 14 19
COLU	eP		04 07 50
	e		11 25
EUR	eP		04 11 52
HH	eP		04 11 [illegible]
SJ	iP		04 03 41
	i		03 58
	iS		04 04
	iL		04 09
TUC	eP		04 11 15
Mar. 23			
BOZ	eP		04 40 09
EUR	iP		04 40 21
HH	e(P)		04 39 43
	e		41 04
SLC	eP		04 40 31
Mar. 23			
EUR	eP		04 58 09
HH	eP		04 58 59
	e		59 18
Mar. 23			
BC	iP		05 24 19
	e		28 06
BOZ	eP		05 24 32
COL	iP		05 23 14
COLU	iP		05 29 49
EUR	iP		05 24 14
HH	iP		05 24 21
	i		24 35
SLC	eP		05 24 28
SJ	eP		05 30 14
	i		30 22
TUC	eP		05 24 38
Mar. 23			
COL	eP		05 51 47
Mar. 23			
COL	iP		06 01 53
	ipP		02 11
Mar. 23			
COL	eP		07 14 53
HH	e(P)		07 18 03
Mar. 23			
EUR	eP		07 31 40
Mar. 23			
COL	eP		08 42 14
Mar. 23			
COL	eP		12 30 14
Mar. 23			
COL	e(P)		12 34 19
EUR	iP		12 34 10
Mar. 23			
HH	e(P)		13 45 03
	i		45 30
Mar. 23			
COL	iP		14 36 25
Mar. 23			
BC	eP		15 08 47
	e		08 57
BOZ	eP		15 09 27
COL	iP		15 09 28
EUR	iP		15 09 52
HH	eP		15 09 26
SLC	eP		15 09 11
Mar. 23			
EUR	iP		15 26 20
	ipP		26 37
Mar. 23			
COL	iP		16 42 10
Mar. 23			
BC	iP		18 34 07
	e		34 37
	e		34 49
BOZ	e(P)		18 35 41
EUR	iP		18 34 47
SLC	eP		18 34 50
TUC	eP		18 33 09
	e		33 25
Mar. 23			
COL	iP		19 17 31
HH	e(P)		19 18 24
Mar. 23			
BC	eP		20 14 05
	iP		14 06
	e		14 21
COL	iP		20 13 07
	i		13 34
EUR	iP		20 14 02
HH	eP		20 14 10
SJ	i(P')		20 20 12
Mar. 23			
BC	eP		21 24 25
	e		24 34
	i		24 45
	eL		25 15
	iL		25 24
BOZ	eP		21 26 32
EUR	iP		21 24 45
	i		24 49
	iS		25 09
	iL		25 26
HH	iP		21 26 50
SLC	e(P)		21 25 38
	e		26 04
	e(S)		27 27
	eL		27 48
TUC	e(P)		21 25 47
	e		26 10
	eL		27 32
UK	e		21 25 11
	eL		26 13

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Date and Station		Phase (GCT) h m s
Mar. 23		
COL	eP	22 19 07
Mar. 23		
BC	eP	22 26 15
	e	26 41
EUR	iP	22 26 20
	i	26 36
TUC	eP	22 26 16
	e	26 28
Mar. 23		
SJ	iP	23 37 36
	i(S)	38 14
	iL	38 20
Mar. 24		
HH	eP	01 28 14
Mar. 24		
EUR	iP	02 10 30
Mar. 24		
BOZ	e(P)	03 40 21
Mar. 24		
BOZ	eP	04 29 15
BUT	iP	04 29 30
HH	e(P)	04 30 15
	i(S)	31 14
	eL	31 23
Mar. 24		
BOZ	eP	04 33 36
BUT	eP	04 33 52
HH	e(P)	04 34 32
	e(S)	35 35
	eL	35 47
Mar. 24		
BUT	e(P)	05 51 44
Mar. 24		
BOZ	eP	06 18 07
BUT	iP	06 18 23
HH	eP	06 19 07
	i(S)	20 07
	iL	20 20
Mar. 24		
BOZ	eP	06 43 51
BUT	iP	06 44 08
HH	e(P)	06 44 48
	e(S)	45 52
	eL	46 05

Date and Station		Phase (GCT) h m s
Mar. 24		
BOZ	eP	06 49 38
Mar. 24		
BOZ	eP	07 03 27
Mar. 24		
BOZ	eP	07 25 14
	i	25 15
	i(S)	25 33
	iL	25 50
BUT	iP	07 25 31
EUR	eP	07 26 34
HH	e(P)	07 26 07
	i	26 16
	i(S)	27 15
	iL	27 25
SLC	eP	07 26 04
TUC	e(P)	07 31 10
Mar. 24		
BOZ	eP	07 52 43
	i	52 50
BUT	iP	07 52 59
COL	iP	07 55 29
HH	e(P)	07 53 43
TUC	e(P)	07 54 54
Mar. 24		
BOZ	e(P)	09 18 07
Mar. 24		
BC	e(P)	11 43 26
BOZ	e(P)	11 43 55
COL	iP	11 43 54
EUR	iP	11 43 21
HH	eP	11 43 52
SLC	eP	11 43 39
TUC	eP	11 43 20
Mar. 24		
BOZ	eP	11 44 59
BUT	iP	11 45 15
HH	e(P)	11 46 00
Mar. 24		
BC	eP	12 23 51
COL	iP	12 19 30
EUR	iP	12 23 28

Date and Station		Phase (GCT) h m s
HH	e(P)	12 22 47
SLC	eP	12 23 37
Mar. 24		
EUR	iP	16 30 47
Mar. 24		
COL	iP	19 08 53
Mar. 24		
HH	eP	20 41 27
Mar. 24		
COL	eP	20 59 11
Mar. 24		
BC	iP	21 20 18
	i	20 28
	e	20 51
BOZ	iP	21 20 58
	e	21 34
	e	24 15
COL	iP	21 20 56
	i	21 05
EUR	iP	21 20 24
HH	iP	21 20 56
	e	24 24
SLC	iP	21 20 43
TUC	iP	21 20 24
Mar. 24		
HH	i(P)	23 32 31
Mar. 25		
BC	eP	03 33 08
	e	33 27
	iL	34 17
Mar. 25		
BC	eP	05 50 42
	i	50 44
	ePcP	53 37
BOZ	eP	05 51 28
COL	iP	05 54 56
	iPcP	55 32
COLU	eP	05 49 20
EUR	iP	05 51 09
HH	eP	05 51 56
	iPcP	54 02
SLC	iP	05 50 59
TUC	eP	05 49 59
	e	51 38
	eL	56 05

Date and Station		Phase (GCT) h m s
Mar. 25		
COL	eP	06 55 46
EUR	iP	06 59 44
Mar. 25		
EUR	eP	07 18 47
	e	19 15
HH	eP	07 18 36
	i	19 05
Mar. 25		
EUR	iP	07 26 12
HH	e(P)	07 27 32
Mar. 25		
COL	iP	08 01 24
HH	eP	08 04 12
Mar. 25		
EUR	iP	08 43 47
Mar. 25		
COL	iP	19 03 59
EUR	iP	19 04 28
Mar. 25		
EUR	iP	19 47 03
Mar. 25		
BC	eP	23 37 45
	i	37 53
BOZ	eP	23 37 20
	ePcP	38 06
COL	iP	23 33 38
	eS	38 32
	eL	39 30
EUR	iP	23 37 22
	i	37 31
HH	eP	23 36 50
	ePP	39 09
SLC	eP	23 37 33
	i	37 40
TUC	e(P)	23 38 17
	e	38 23
	i	38 34
	e	41 45
Mar. 26		
COL	eP	00 11 16
Mar. 26		
BC	iP	00 13 36
BOZ	eP	00 14 12
BUT	iP	00 14 07

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Date and Station		Phase	(GCT) h m s
COL		iP	00 14 02
EUR		iP	00 13 40
HH		eP	00 14 08
SLC		eP	00 13 56
TUC		eP	00 13 40
Mar. 26			
BC		e(P)	03 31 05
COL		iP	03 26 53
EUR		i(P)	03 30 44
HH		eP	03 30 12
TUC		e(P)	03 31 20
Mar. 26			
COL		eP	03 30 42
EUR		eP	03 34 25
		i	34 32
HH		e(P)	03 34 08
Mar. 26			
COLU		eP	04 03 49
EUR		eP	04 07 44
HH		e(P)	04 07 51
SJ		iP	03 59 33
		iS	59 57
		iL	04 00 09
Mar. 26			
BC		e(P)	04 09 40
		i	09 53
		iPcP	10 04
BOZ		eP	04 09 15
		e	09 25
		e(PcP)	10 25
BUT		eP	04 09 04
COL		iP	04 05 33
		i	05 44
		i	05 54
		eS	10 25
		eL	11 09
EUR		eP	04 09 14
		i	09 25
HH		eP	04 08 49
SLC		eP	04 09 33
TUC		eP	04 10 15
Mar. 26			
COL		eP	04 27 48

Date and Station		Phase	(GCT) h m s
Mar. 26			
BC		eP	05 32 48
		epP	33 21
BOZ		iP	05 33 18
BUT		iP	05 33 22
COLU		iP	05 31 10
EUR		iP	05 33 06
		ipP	33 40
HH		iP	05 33 34
		i	33 44
		ipP	34 07
		ePP	36 56
SLC		iP	05 32 59
		epP	33 31
SJ		iP	05 29 01
		i	29 12
		iPcP	30 44
		iScP	34 34
		eL	38 25
TUC		iP	05 32 18
		ePcP	32 37
		epP	32 50
Mar. 26			
BOZ		eP	08 23 16
Mar. 26			
BUT		e(P)	08 23 10
COL		iP	08 18 22
		iS	18 41
		iL	18 53
EUR		eP	08 23 42
		i	26 40
		i	26 54
HH		iP	08 22 44
		e	22 53
		iPP	23 06
Mar. 26			
COL		eP	09 20 06
Mar. 26			
COL		eP	16 56 24
Mar. 26			
COL		eP	17 08 20
EUR		e(P)	17 12 04
		i	12 12
		i	12 21
		iPcP	12 44
Mar. 26			
COL		eP	20 19 30
Mar. 26			
HH		i(P)	20 35 24

Date and Station		Phase	(GCT) h m s
Mar. 26			
BH		eP	21 48 49
		eS	49 35
EUR		iP	21 53 30
HH		eP	21 56 35
Mar. 26			
BOZ		eP	23 03 41
COL		eP	23 02 46
Mar. 27			
EUR		iP	02 32 15
Mar. 27			
EUR		iP	05 14 03
Mar. 27			
EUR		iP	08 01 30
Mar. 27			
COL		eP	09 14 32
EUR		eP	09 18 18
Mar. 27			
COLU		e(P)	11 02 14
EUR		eP	11 06 08
SJ		iP	10 57 57
		iS	58 21
		iL	58 30
Mar. 27			
BC		eP	11 08 00
BOZ		e(P)	11 08 40
COL		eP	11 08 35
		i	08 49
EUR		iP	11 09 32
HH		iP	11 08 36
Mar. 27			
BC		eP	12 23 08
BOZ		eP	12 24 12
EUR		iP	12 23 37
HH		iP	12 24 37
		i	24 50
SLC		e(P)	12 23 36
TUC		eP	12 22 23
Mar. 27			
EUR		eP	13 13 28
Mar. 27			
HH		e(P)	15 38 02

Date and Station		Phase	(GCT) h m s
Mar. 27			
COL		eP	19 38 55
Mar. 27			
BH		iP	20 15 26
		iS	15 57
BOZ		e(P)	20 23 23
COL		eP	20 26 24
EUR		iP	20 23 17
HH		eP	20 23 47
Mar. 27			
HH		i(P)	20 56 55
Mar. 27			
COL		eP	22 27 07
		i	27 17
		i	27 58
HH		iP	22 30 30
Mar. 27			
HH		eP	23 03 34
Mar. 28			
BC		eP	03 30 20
		i	30 24
COL		eP	03 26 33
		i	26 36
		i	26 49
		iPP	27 04
EUR		iP	03 29 57
HH		iP	03 29 28
		i	29 49
TUC		eP	03 30 55
Mar. 28			
BC		eP	08 26 17
		e	26 32
COL		iP	08 26 58
EUR		iP	08 26 26
		i(PcP)	26 39
HH		eP	08 26 56
SLC		e(P)	08 26 42
		e	26 55
TUC		e(P)	08 26 23
		e	26 35
Mar. 28			
COL		iP	11 23 34
Mar. 28			
BOZ		eP	11 51 53
COL		eP	11 50 59

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Date and Station		Phase (GCT)
		h m s
HH	iP	11 51 45
Mar. 28		
SJ	iP	15 56 05
	iS	56 18
	iL	56 28
Mar. 28		
HH	e(P)	19 20 20
Mar. 28		
BC	eP	22 17 09
	epP	19 03
BOZ	eP	22 16 52
COL	iP	22 14 19
	epP	16 02
	e	16 20
EUR	iP	22 16 55
	ipP	18 48
HH	iP	22 16 36
	e	17 30
	epP	18 27
Mar. 28		
BC	eP	23 56 38
	i	56 47
Mar. 29		
COL	eP	00 07 31
EUR	eP	00 07 58
Mar. 29		
COL	iP	02 09 21
EUR	iP	02 09 55
Mar. 29		
COL	iP	03 34 19
EUR	eP	03 34 32
Mar. 29		
HH	e(P)	04 16 44
Mar. 29		
COL	iP	05 00 02
Mar. 29		
COL	iP	05 53 42
	i	53 44
	iS	54 27
	iL	54 40
HH	eP	05 57 49
	e	58 08
Mar. 29		
BC	eP	11 22 11
EUR	eP	11 22 27
HH	eP	11 22 59

Date and Station		Phase (GCT)
		h m s
Mar. 29		
SJ	iP	11 41 52
	e(S)	42 05
	eL	42 10
Mar. 29		
COL	eP	13 53 08
Mar. 29		
HH	eP	15 54 59
Mar. 29		
COL	eP	22 04 56
Mar. 29		
COL	iP	23 42 27
Mar. 29		
COL	iP	23 46 53
Mar. 29		
COL	iP	23 52 55
HH	e(P)	23 54 43
Mar. 30		
HH	e(P)	00 15 47
Mar. 30		
BOZ	eP	02 45 02
BUT	eP	02 45 00
EUR	iP	02 45 21
HH	iP	02 44 47
Mar. 30		
BUT	iP	02 49 56
EUR	eP	02 49 47
HH	eP	02 49 13
Mar. 30		
COL	e(P)	05 20 39
	iP	20 51
HH	e(P)	05 20 07
	e	22 57
Mar. 30		
EUR	eP	05 35 40
Mar. 30		
BC	eP	06 07 03
	i	07 04
BOZ	eP	06 07 53
COL	iP	06 11 25
COLU	eP	06 06 10
EUR	iP	06 07 31
HH	iP	06 08 21
SLC	eP	06 07 21

Date and Station		Phase (GCT)
		h m s
TUC	eP	06 06 18
	i	06 20
Mar. 30		
BC	eP	06 21 06
BOZ	eP	06 20 29
COL	iP	06 16 51
EUR	iP	06 20 43
	iPcP	21 46
HH	eP	06 20 08
	ePcP	21 06
	i	21 26
SLC	eP	06 20 53
Mar. 30		
BOZ	e(P)	07 01 08
	iL	01 37
BUT	iP	07 01 53
	iS	02 19
HH	e(P)	07 02 37
	eL	03 06
Mar. 30		
BOZ	eP	07 13 01
BUT	iP	07 13 17
	iS	13 43
HH	e(P)	07 13 58
Mar. 30		
TUC	eP	07 18 41
	i	18 53
	e	19 04
	eL	45 40
Mar. 30		
BC	eP	07 18 31
	eL	21 14
BOZ	iP	07 16 33
	i	16 45
	iS	16 48
	iL	16 58
BUT	iP	07 16 47
	eS	17 12
	iS	17 18
	iL	17 19
COL	iP	07 22 14
EUR	e(P)	07 17 54
	i	18 04
HH	iP	07 17 21
	i	17 29
	i(S)	18 07
	iL	18 31
RC	e(P)	07 17 43
	eL	19 53

Date and Station		Phase (GCT)
		h m s
SLC	eP	07 17 17
	i	17 27
	eS	18 21
	iS	18 24
	eL	18 43
TUC	e(S)	07 21 30
	eL	22 10
Mar. 30		
BUT	iP	07 50 31
	iS	50 58
HH	e(P)	07 51 13
Mar. 30		
EUR	eP	08 08 51
TUC	e(P)	08 08 45
	e	08 51
Mar. 30		
COL	eP	09 20 53
Mar. 30		
COL	iP	09 22 18
Mar. 30		
COL	iP	09 28 06
Mar. 30		
BOZ	eP	10 06 48
BUT	iP	10 07 05
	iS	07 32
HH	e(P)	10 07 37
	e	07 44
	eL	08 41
Mar. 30		
BC	eP	12 25 55
	e	26 01
	e	26 19
COL	iP	12 21 42
EUR	eP	12 25 23
	i	25 33
	i	25 41
HH	e(P)	12 25 06
	e	25 28
SLC	e(P)	12 25 37
Mar. 30		
BH	eP	15 12 45
	eS	13 09
Mar. 30		
BC	e(P)	17 58 15
BOZ	eP	17 57 05
	eL	18 06 16
COL	iP	17 51 26
	iS	52 00

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Date and Station		Phase	(GCT) h m s
EUR	iP		17 57 30
HH	iP		17 56 29
	eL		18 03 48
Mar. 30			
BC	eP		18 55 26
BOZ	eP		18 55 05
COL	iP		18 52 04
	i		52 17
	ipP		52 20
	i		52 31
EUR	iP		18 55 10
HH	iP		18 54 45
TUC	eP		18 55 56
Mar. 30			
BC	iP		22 27 50
BOZ	eP		22 28 30
BUT	iP		22 28 28
COL	iP		22 28 30
EUR	iP		22 27 57
HH	iP		22 28 27
SLC	iP		22 28 14
TUC	iP		22 27 54
	i		28 18
Mar. 30			
EUR	eP		23 33 47
	iS		36 17
	eL		36 37
TUC	eP		23 32 49
	eL		34 09
Mar. 31			
HH	e(P)		01 23 37
Mar. 31			
COL	iP		01 45 13
EUR	eP		01 42 11
HH	e(P)		01 42 46
	e		42 52
SLC	eP		01 42 24
SJ	iP		01 34 37
	iS		34 59
	iL		35 06
TUC	eP		01 42 08
Mar. 31			
HH	e(P)		02 18 25

Date and Station		Phase	(GCT) h m s
Mar. 31			
COL	eP		02 56 01
Mar. 31			
COL	eP		03 22 31
Mar. 31			
COL	iP		05 16 04
Mar. 31			
EUR	iP		06 01 23
	i		02 36
Mar. 31			
HH	e(P)		06 44 55
Mar. 31			
BC	iP		07 28 13
	i		28 35
	e		28 58
EUR	iP		07 29 03
HH	e(P)		07 31 05
TUC	eP		07 28 05
	e		28 21
	e		28 40
	eL		29 18
Mar. 31			
BC	eP		07 42 36
	e		42 48
BOZ	eP		07 43 09
BUT	eP		07 43 13
EUR	iP		07 42 55
HH	iP		07 43 26
	e		44 24
SLC	e(P)		07 42 20
SJ	eP		07 38 50
TUC	iP		07 42 06
Mar. 31			
EUR	eP		08 14 28
Mar. 31			
BC	iP		08 27 53
	i		28 15
BOZ	eP		08 28 26
	i		28 48
BUT	eP		08 28 35
COL	iP		08 31 20
	epP		31 43
EUR	iP		08 28 14
	ipP		28 37
HH	iP		08 28 50
	epP		29 09

Date and Station		Phase	(GCT) h m s
SLC	iP		08 28 03
	ipP		28 25
	iPcP		29 26
SJ	iP		08 23 52
	i		24 11
	eS		27 35
	eL		28 13
TUC	iP		08 27 15
Mar. 31			
BC	eP		11 08 29
	e		08 41
	i		08 48
COL	eP		11 04 21
	i		04 28
	eS		07 06
	eL		07 29
EUR	iP		11 08 03
HH	e(P)		11 07 37
TUC	eP		11 09 10
	e		09 29
Mar. 31			
COL	eP		11 22 29
	epP		23 09
	e		23 38
Mar. 31			
COL	iP		11 54 17
	i		54 26
	iS		54 45
	iL		54 56
EUR	eP		11 59 49
	e		12 00 44
HH	eP		11 58 54
	i		59 00
	i		59 38
Mar. 31			
COL	eP		12 30 10
Mar. 31			
EUR	eP		14 19 25
HH	eP		14 18 40
Mar. 31			
HH	e(P)		17 05 48
Mar. 31			
COL	iP		17 38 41
EUR	iP		17 39 28
HH	eP		17 39 41
Mar. 31			
COL	iP		21 57 36
Mar. 31			
HH	eP		23 46 20

Date and Station	Phase	(GCT) h m s

Local and Minor Earthquakes		Local and Minor Earthquakes		Local and Minor Earthquakes		Local and Minor Earthquakes	
day	hour	day	hour	day	hour	day	hour
COL		EUR		SJ		TUC	
Mar.		Mar.		Mar.		Mar.	
2	05.7	11	15.1	26	04.2	24	04.6
	12.4	12	17.5		05.2		22.2
	13.7	13	01.3		07.3		23.8
	14.0	14	08.5		12.1	25	03.6
	16.2	15	19.5		16.7		06.3
3	00.3	16	09.3		22.3		08.1
	11.8		13.8		23.2		10.6
4	00.8		16.5	27	08.3		14.7
	20.5		23.7		09.0		22.3
	21.8	17	19.3		09.8	26	00.4
5	01.3	18	00.5	28	13.6	27	03.2
	10.0		02.7	30	00.7		07.5
	21.4	19	10.2		03.4		08.6
6	05.6		11.7	31	01.8		09.0
	09.9		15.2		03.1		13.0
	18.9		16.6			28	04.8
7	07.2		22.1	TUC			06.5
9	21.3	20	03.7	Mar.			13.8
10	10.6		06.8	2	02.6	30	05.8
	14.4		17.2		14.9		06.2
15	04.1		18.2	3	18.0		06.2
	10.6	21	16.5		19.6		18.7
	11.9	22	00.1	4	01.0	31	06.0
	18.6		23.5	5	08.1		08.2
16	03.9	24	15.3	6	00.2		09.7
17	00.8	25	03.3	7	13.6		21.5
	23.1	29	04.2	10	01.5		23.9
18	19.1	30	04.6		17.0		
	19.5				19.5	UK	
19	18.4	SLC			20.7	Mar.	
20	03.6	Mar.		11	01.3	10	06.2
	06.0	11	22.3		01.9	12	17.6
21	09.9	15	22.6		08.5	16	21.7
	13.7		22.9		09.5	18	10.3
	14.3	16	21.8	12	01.6		10.4
22	12.0	17	01.2		23.6		
23	11.7	18	22.1	14	02.5		
	13.4	19	20.6		07.4		
24	01.4	20	22.4		08.5		
	07.8		23.1		13.3		
	22.6	21	05.6	15	05.3		
24	09.9		22.0		05.9		
	17.5	28	00.3		07.5		
25	05.9				11.0		
	06.0	SJ			13.4		
26	09.9	Mar.			16.8		
27	14.8	4	15.6	16	05.7		
30	04.7	7	08.6		05.8		
		8	07.2		08.1		
EUR			09.9		10.0		
Mar.			14.4		17.3		
1	20.0		15.3	17	15.2		
	21.3		21.4		19.1		
4	04.5	11	15.3		23.2		
5	05.4	15	13.9	18	00.4		
6	10.0		18.1		02.7		
7	12.6	16	01.9	20	04.9		
8	08.1		03.9		08.7		
	13.6		04.0		13.9		
	22.6	19	06.6	21	05.9		
9	01.3	20	14.8		12.5		
	08.9		14.9	22	03.0		
	20.8	21	17.3		09.3		
10	13.3		22.3	23	10.8		
	19.6	22	06.2		10.9		
11	07.1	23	04.4		23.5		
	13.5	24	05.4	24	00.3		

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