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August, 1959

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U. S. DEPARTMENT OF COMMERCE

Frederick H. Mueller, Secretary

COAST AND GEODETIC SURVEY—WASHINGTON

H. Arnold Karo, Director

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National Oceanic and Atmospheric Administration

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1959

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

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

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

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the data from the horizontal components of the seismographs at all stations except College, Honolulu, and Tucson will not be published for earthquakes occurring outside the United States.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

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

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

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

Date 1959	Origin Time G. C. T.	Lat.		Long.		Region, Focal Depth, and Remarks
Aug.	h m s	°		°		
1	10 01 30*	27½	S.	65	W.	Tucuman Province, Argentina. h about 200 km.
1	10 16 04*	15½	S.	174½	W.	Samoa Islands region. Felt at Apia.
2	11 57 56*	6½	S.	154½	E.	Solomon Islands.
2	20 11 07*	42	S.	83	W.	Off coast of southern Chile.
2	20 29 55**					About 150 miles north of Puerto Rico.
2	22 16 44*	39½	N.	118	W.	Western Nevada.
2	23 45 19*	49½	N.	129½	W.	Off coast of Vancouver, British Columbia.
3	06 08 30*	33	N.	79½	W.	South Carolina. Felt in South Carolina and Georgia.
3	15 36 37**					Indian Ocean, near 46½ S., 98 E.
3	16 09 54**					do.
4	03 00 33*	27	S.	68½	W.	Chile-Argentina border.
4	07 36 59*	37½	N.	118½	W.	Central California. Felt at Bishop and Fresno. Mag. 5-1/2.
4	08 02 17*	20½	S.	178	W.	Fiji Islands region. h about 600 km.
5	05 16 39*	12½	N.	125	E.	Samar, Philippine Islands. Felt.
5	13 48 42*	5½	N.	125½	E.	Near south coast of Mindanao, Philippine Islands. Felt at General Santos and Davao.
5	19 52 54*	14	N.	142	E.	Mariana Islands.
6	03 44 37*	48	N.	120	W.	Washington State. Minor damage at Chelan and Wenatchee.
6	04 36 12*	48	N.	120	W.	Washington aftershock.
7	10 43 32*	56	N.	154	W.	Kodiak Island region. Mag. 5-3/4.
7	19 10 59*	10½	S.	162½	E.	Solomon Islands.
7	21 45 26*	56½	N.	154	W.	Kodiak Island. Mag. 5 (Berk).
8	00 47 38*	55	N.	162½	E.	Near east coast of Kamchatka. Mag. 6-1/2.
8	01 50 27**					Northwestern Colombia.
8	02 54 53*	14	S.	76	W.	Near coast of Peru.
8	23 56 05*	6	S.	155	E.	Solomon Islands. Felt at Karoola and Rabaul. h about 100 km.
9	02 34 43*	2	N.	128	E.	Halmahera.
9	09 09 53*	17	N.	146	E.	Mariana Islands.
9	20 29 28*	10	S.	161	E.	Solomon Islands. h about 100 km.
9	23 40 03*	8½	S.	159	E.	do.
10	00 36 35*	55½	S.	146	E.	Indian Ocean, south of Australia.
10	00 36 41*	35½	N.	27½	E.	Near east coast of Crete.
10	23 07 27*	35	N.	111	E.	Shansi Province, China.
11	08 09 02*	19½	N.	65	W.	Northeast of Puerto Rico.
11	15 24 30*	44½	N.	148½	E.	Kurile Islands.
11	21 49 42*	11	S.	163	E.	Solomon Islands region.
12	00 33 38*	12	N.	86	W.	Nicaragua. h about 100 km.
12	00 35 36*	12	N.	86	W.	do.

Date 1959	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Aug.	h m s	°	°	
12	02 00 52*	3 S.	80½ W.	Near coast of Ecuador.
12	04 05 20*	15 S.	28 E.	Northern Rhodesia.
12	09 58 22*	16½ S.	177½ W.	Fiji Islands region. Mag. 6-1/2.
13	00 33 09*	40 N.	49 E.	Azerbaijan S.S.R.
13	15 30 42*	51½ N.	176 W.	Aleutian Islands.
13	19 06 59*	43½ N.	126½ W.	Off coast of Oregon.
14	04 39 07*	0	125½ E.	Molucca Passage.
14	09 41 07**			Santa Cruz Islands.
15	08 57 04*	23 N.	121 E.	Formosa. 16 killed, many injured and extensive property damage. Mag. 6-3/4 - 7.
15	18 28 57*	8 S.	79½ W.	Near coast of Peru.
15	18 41 56*	55 N.	162½ E.	Near east coast of Kamchatka.
15	21 29 42*	17½ S.	177 W.	Fiji Islands.
15	22 56 15*	10 N.	85½ W.	Costa Rica. h about 200 km.
16	00 51 40*	21 S.	169 E.	Loyalty Islands region. Mag. 6 (Berk).
16	01 21 05*	22 N.	121 E.	Formosa. Felt.
16	09 53 52*	18 S.	178 W.	Fiji Islands. h about 350 km.
16	11 07 41*	5 S.	152 E.	New Britain.
16	17 49 50*	3½ S.	144 E.	Near north coast of New Guinea.
16	18 41 59*	37½ N.	22 E.	Greece. Damage at Diavolitsion, Kalliroi, Katsaro, and Zacharo. Felt throughout southern Greece.
17	01 33 11*	41 N.	20 E.	Albania.
17	04 29 00*	41 N.	20 E.	do.
17	21 24 40*	7½ S.	156 E.	Solomon Islands. Mag. 7-1/4.
18	00 30 00*	0	123 E.	Northern Celebes. h about 200 km.
18	00 34 03*	22½ N.	122 E.	Near east coast of Formosa. h about 200 km.
18	05 13 30*	42 N.	127 W.	Off coast of Oregon.
18	05 38 39*	22½ S.	172 E.	Loyalty Islands region.
18	06 37 15.0	44 55N.	111 05W.	Hebgen Lake, Montana. Many killed and injured. Major property damage. Mag. 7.1.
18	07 54 32*	45 N.	111 W.	Hebgen Lake aftershock. Felt.
18	07 56 18*	45 N.	110½ W.	Hebgen Lake aftershock. Felt. Mag. 6-1/2 (Berk).
18	08 41 50	44.8 N.	110.7 W.	Hebgen Lake aftershock. Felt. Mag. 6 (Berk).
18	11 03 52	44.8 N.	111.1 W.	Hebgen Lake aftershock. Felt. Mag. 5-1/2 - 5-3/4 (Berk).
18	15 26 06.5	44 53N.	110 44W.	Hebgen Lake aftershock. Mag. 6-1/2.
18	21 13 09*	11 S.	162½ E.	Solomon Islands. h about 200 km.
18	22 04 01*	41 N.	20 E.	Albania.
19	04 04 03.0	44 54N.	111 38W.	Hebgen Lake aftershock. Mag. 6 (Berk).
19	07 08 28*	21½ N.	121 E.	South of Formosa.

Date 1959	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Aug.	h m s	°	°	
19	19 06 29	45.0 N.	111.4 W.	Hebgen Lake aftershock.
19	19 43 47.5	45 N.	110½ W.	do.
19	21 45 57*	45 N.	111½ W.	do.
20	01 59 06*	10½ S.	161 E.	Solomon Islands.
20	07 18 34*	7 S.	85 W.	Off coast of Peru.
20	08 54 59**			New Britain. Felt at Rabaul and Garit.
20	10 59 11*	45 N.	111 W.	Hebgen Lake aftershock.
20	12 20 08*	29 S.	78 E.	Indian Ocean.
20	19 11 27*	45 N.	111 W.	Hebgen Lake aftershock. Felt.
21	07 13 19*	38½ N.	104 E.	Kansu Province, China
21	08 03 15*	50½ S.	139½ E.	Indian Ocean, south of Australia. Mag. 5-3/4 - 6.
21	09 37 49*	50½ S.	140 E.	Indian Ocean, south of Australia.
22	21 28 02*	17½ S.	69½ W.	Peru-Chile border. h about 150 km.
23	22 21 30*	35½ N.	3 W.	Mediterranean Sea, north of Spanish Morocco. Felt at Melilla.
24	12 29 20*	53 N.	159½ E.	Kamchatka.
24	15 41 40*	10½ S.	161½ E.	Solomon Islands foreshock.
24	16 40 04*	10½ S.	161½ E.	do.
24	21 30 46*	10½ S.	161 E.	Solomon Islands. Mag. 7.
24	23 32 23*	10½ S.	161½ E.	Solomon Islands aftershock.
24	23 41 34*	10½ S.	161½ E.	do.
25	12 24 18**			Northern Chile.
25	13 40 06*	6½ S.	155 E.	Solomon Islands.
25	17 51 49*	27½ S.	71 W.	Northern Chile.
26	02 29 37*	5 S.	152 E.	New Britain. h about 150 km.
26	04 53 00*	5½ S.	153½ E.	New Britain region.
26	08 25 30*	18 N.	94½ W.	Vera Cruz, Mexico. 14 killed, many injured and extensive damage throughout Tehuantepec Isthmus. Mag. 6-3/4.
26	10 27 41*	51 N.	132 W.	Queen Charlotte Islands region.
26	13 01 26*	50½ N.	130½ W.	do.
27	05 05 44*	5 S.	150½ E.	New Britain region. h about 300 km.
27	07 50 28*	0	122 E.	Northern Celebes. h about 200 km.
27	13 36 50*	45 S.	80½ W.	Off coast of southern Chile.
27	23 53 10*	25 N.	96 E.	Northern Burma.
28	01 56 56*	48 N.	155 E.	Kurile Islands.
28	02 37 00*	9 S.	158 E.	Solomon Islands. h about 150 km.
28	12 07 44*	63½ N.	149 W.	Central Alaska. Felt at College and Fairbanks.
28	15 52 10*	17 S.	167 E.	New Hebrides Islands.

Date 1959	Origin Time G. C. T.	Lat.	Long.	Region, Focal Depth, and Remarks
Aug.	h m s	°	°	
29	03 21 07**			Solomon Islands region.
29	10 52 27**			do.
29	17 03 10*	52 N.	106½ E.	Lake Baikal, U.S.S.R. Mag. 6-1/2 - 6-3/4.
29	21 20 27*	17 S.	168 E.	New Hebrides Islands.
30	02 53 08*	8 S.	156½ E.	Solomon Islands.
30	03 24 54*	35½ N.	3 W.	Mediterranean Sea, north of Spanish Morocco. Felt at Melilla.
30	13 44 07*	63 N.	150 W.	Central Alaska.
30	18 48 34*	23 S.	171½ E.	Loyalty Islands region.
30	21 45 07*	36½ S.	78½ E.	Indian Ocean.
30	22 57 00*	37 N.	68½ E.	Afghanistan-Tadzhik border.
30	23 36 42*	53 N.	106 E.	Lake Baikal aftershock.
31	09 05 56*	52½ N.	171 W.	Fox Islands, Aleutian Islands.
31	20 33 52*	17 S.	167½ E.	New Hebrides Islands.

Date and Station		Phase (GCT)
		h m s
Aug. 1		
EUR	eP	01 03 01
SJ	e(P)	00 59 25
Aug. 1		
HH	eP	02 03 25
Aug. 1		
EUR	eP	02 29 28
Aug. 1		
GUAM	iP	03 56 48
	iS	57 00
Aug. 1		
EUR	eP	04 23 22
HH	eP	04 24 06
SJ	eP	04 19 39
	e	19 47
Aug. 1		
EUR	eP	05 50 03
Aug. 1		
EUR	eP	07 40 16
Aug. 1		
EUR	eP	08 35 58
Aug. 1		
EUR	iP	10 13 32
	ipP	14 15
HH	iP	10 14 00
RC	eP	10 13 20
SJ	eP	10 09 38
	i	11 30
TUC	eP	10 12 47
	iP	12 49
	epP	13 29
Aug. 1		
COL	iP	10 28 29
EUR	eP	10 27 57
BOZ	eP	10 28 33
TUC	eP	10 27 58
Aug. 1		
COL	i(P)	10 29 04
EUR	eP	10 28 36
Aug. 1		
COL	iP	13 11 13
EUR	eP	13 14 39

Date and Station		Phase (GCT)
		h m s
Aug. 1		
SJ	iP	13 23 40
	iS	24 03
Aug. 1		
EUR	eP	15 02 55
Aug. 1		
HH	e(P)	15 28 43
Aug. 1		
COL	eP	15 51 30
EUR	eP	15 48 52
HH	eP	15 49 02
SJ	iP	15 41 00
	iS	41 23
Aug. 1		
SJ	iP	17 06 01
Aug. 1		
COL	iP	17 48 19
EUR	iP	17 52 05
HH	e(P)	17 59 31
Aug. 1		
HH	e(P)	19 42 44
Aug. 1		
SJ	iP	20 34 21
Aug. 1		
COL	eP	23 25 07
EUR	iP	23 28 57
Aug. 2		
HH	eP	07 34 49
RC	e(P)	07 36 47
Aug. 2		
EUR	eP	08 47 20
TUC	e(P)	08 46 08
Aug. 2		
SJ	eP	09 16 05
	e	16 47
	e	18 05
Aug. 2		
COL	iP	12 10 23
EUR	iP	12 11 18
	i	11 30
Aug. 2		
COL	e(P)	13 14 50

Date and Station		Phase (GCT)
		h m s
Aug. 2		
COL	iP	15 11 42
EUR	iP	15 12 18
Aug. 2		
COL	e(P)	19 13 30
Aug. 2		
BOZ	e(P)	19 57 25
Aug. 2		
EUR	eP	20 12 44
Aug. 2		
BUT	eP	20 24 16
EUR	iP	20 23 53
	ePKKP	40 09
HH	eP	20 24 28
	e	28 13
RC	iP	20 23 57
SLC	e(P)	20 23 52
TUC	iP	20 23 09
Aug. 2		
BUT	eP	20 38 18
COL	eP	20 41 00
COLU	eP	20 34 23
	e	37 32
EUR	eP	20 38 22
HH	eP	20 38 32
SJ	iP	20 30 30
	iS	30 54
TUC	eP	20 37 39
Aug. 2		
EUR	iP	21 36 13
RC	eP	21 36 05
Aug. 2		
BC	eP	22 17 54
BUT	eP	22 19 05
EUR	iP	22 17 11
HH	eP	22 19 37
	iL	21 38
SLC	e(P)	22 18 09
	i	18 25

Date and Station		Phase (GCT)
		h m s
TUC	e(P)	22 19 38
	eL	21 44
UK	eP	22 18 55
Aug. 2		
BOZ	e(P)	23 48 28
BUT	eP	23 48 11
COL	eP	23 49 35
	e(S)	53 16
	eL	54 30
EUR	iP	23 48 39
HH	eP	23 47 48
	eL	50 11
RC	iP	23 49 40
SLC	eP	23 49 02
TUC	eP	23 50 18
Aug. 3		
EUR	eP	01 48 01
Aug. 3		
SJ	iP	01 52 37
	iS	52 48
Aug. 3		
EUR	eP	03 31 25
Aug. 3		
COLU	iP	06 08 58
EUR	iP	06 14 41
HH	e(P)	06 14 44
	eL	24 08
RC	eP	06 13 21
	eL	19 34
TUC	eP	06 14 11
Aug. 3		
BC	iP	15 27 32
EUR	eP	15 28 09
	i	28 32
	eS	29 12
	eL	29 28
Aug. 3		
EUR	eP'	15 56 10
Aug. 3		
EUR	eP'	16 29 57

Date and Station		Phase	(GCT) h m s
Aug. 3			
EUR	eP		17 55 38
Aug. 3			
EUR	e(P)		18 40 00
Aug. 3			
HH	e(P)		20 49 29
Aug. 3			
EUR	eP		22 32 37
Aug. 4			
SJ	eP		01 45 22
Aug. 4			
BUT	eP		03 13 00
COLU	eP		03 10 58
EUR	iP		03 12 42
GUAM	eP'		03 20 13
HH	eP		03 13 13
RC	iP		03 12 32
	i		12 41
SJ	eP		03 08 58
TUC	iP		03 11 54
Aug. 4			
COL	e(P)		03 21 27
Aug. 4			
BC	eP		05 14 33
EUR	iP		05 13 45
	iS		14 18
	iL		14 23
HH	eP		05 18 13
SLC	eP		05 15 00
TUC	e(P)		05 16 15
	iL		18 27
UK	eP		05 15 40
Aug. 4			
GUAM	eP		06 23 54
Aug. 4			
BC	eP		06 31 48
COL	e(P)		06 35 30
EUR	iP		06 31 47
	eS		32 21
	eL		32 26
Aug. 4			
BC	eP		07 37 52
BOZ	eP		07 39 31
BUT	eP		07 39 25
COL	e(P)		07 43 46
EUR	iP		07 37 45
	i		37 49
HH	iP		07 39 49
	eL		42 56
RC	eP		07 40 17
SLC	e(P)		07 38 57
	eS		40 16
	eL		41 05
TUC	eP		07 38 59
	e		39 31
	eS		40 28
	eL		40 42
	iL		41 20
UK	eP		07 38 03
	iP		38 06
	iL		39 10
Aug. 4			
EUR	i(P)		07 41 29
	iS		41 59
	iL		42 04
Aug. 4			
BOZ	eP		08 14 19
BUT	eP		08 14 14
COL	iP		08 14 10
	ipP		16 17
	eSKS		23 46
	eS		24 09
EUR	iP		08 13 49
	ipP		15 58
GUAM	iP		08 10 19
	iScP		14 33
HH	iP		08 14 17
	iPKKP		31 48
SLC	eP		08 14 05
TUC	iP		08 13 49
	epP		15 54
	ePKKP		32 05
Aug. 4			
EUR	e(P)		10 09 37
Aug. 4			
EUR	eP		10 23 53
Aug. 4			
COL	iP		13 30 34
Aug. 4			
EUR	eP		15 31 50
Aug. 4			
BC	eP		18 26 05
EUR	eP		18 26 54
	eS		28 03
	eL		28 14
HH	eP		18 29 03
TUC	e(P)		18 26 35
	i		26 52
	eL		27 44
Aug. 4			
BC	eP		19 13 36
EUR	eP		19 13 24
	eS		14 04
	eL		14 14
Aug. 4			
COL	iP		21 29 12
Aug. 4			
HH	e(P)		23 55 31
	eL		56 54
Aug. 5			
EUR	eP		03 01 52
	eS		02 56
	eL		03 01
Aug. 5			
COL	iP		05 28 39
EUR	eP		05 30 44
GUAM	eP		05 21 08
	eT		40 23
HH	eP'		05 34 34
Aug. 5			
EUR	e(P)		05 46 48
SJ	eP		05 36 28
TUC	eP		05 46 12
Aug. 5			
EUR	eP		06 32 15
Aug. 5			
COL	iP		10 23 48
	i		24 09
EUR	iP		10 24 21
	ipP		24 37
Aug. 5			
COL	e(P)		10 38 38
EUR	eP		10 41 17
HH	eP		10 40 56
Aug. 5			
EUR	iP		10 57 14
TUC	eP		10 57 08
TUC-T	eP		10 57 09
	e		57 25
Aug. 5			
COL	iP		12 04 01
HH	e(P)		12 05 17
Aug. 5			
TUC-T	eP		13 15 40
Aug. 5			
COL	iP		14 01 13
	i		01 35
GUAM	eP		13 53 19
	i		53 23
	eT		14 13 08
SJ	eP'		14 08 57
Aug. 5			
GUAM	iP		15 55 30
	iS		55 45
Aug. 5			
COL	iP		17 27 34
EUR	iP		17 32 33
Aug. 5			
SJ	eP		17 48 44
	eL		50 11
Aug. 5			
TUC-T	eP		18 07 04
	i		07 08
Aug. 5			
COL	eP		20 04 03
EUR	iP		20 05 57
GUAM	iP		19 53 39
	iS		53 52
HH	iP		20 05 51
TUC-T	iP		20 06 26
Aug. 5			
GUAM	iP		21 25 12
	iS		25 26
Aug. 6			
EUR	iP		02 44 18

Date and Station		Phase (GCT)
		h m s
TUC-T	eP	02 44 31
Aug. 6		
EUR	eP	03 30 10
RC	eP	03 30 42
TUC-T	eP	03 29 22
Aug. 6		
BC	eP	03 47 36
	eL	51 05
BOZ	iP	03 46 13
	e(S)	47 48
	eL	48 34
BUT	iP	03 45 55
	eS	46 53
	eL	47 32
COL	iP	03 49 42
	eL	56 50
EUR	iP	03 46 47
	i	47 16
	eS	48 15
	eL	48 25
HH	iP	03 45 39
	i	45 52
	iS	46 28
	iL	46 44
RC	eP	03 47 31
SLC	iP	03 46 52
	eL	49 37
TUC	iP	03 48 38
	eL	53 48
TUC-T	iP	03 48 36
	e(S)	52 13
	eL	53 39
Aug. 6		
COL	iP	04 01 07
COLU	eP	04 01 45
EUR	eP	04 02 09
GUAM	iP	03 53 21
Aug. 6		
EUR	iP	04 23 36
Aug. 6		
BOZ	e(P)	04 39 03
COL	eP	04 41 17
EUR	iP	04 38 23

Date and Station		Phase (GCT)
		h m s
HH	iP	04 37 14
	e(S)	38 00
	iL	38 20
RC	eP	04 39 03
	eL	42 38
TUC	eP	04 40 14
TUC-T	eP	04 40 11
Aug. 6		
HH	i(P)	05 05 42
Aug. 6		
EUR	eP	06 46 04
HH	i(P)	06 45 41
Aug. 6		
HH	e(P)	07 08 43
Aug. 6		
EUR	iP	07 45 01
SJ	iP	07 40 34
	e	40 57
TUC-T	eP	07 43 38
Aug. 6		
TUC-T	eP	10 18 46
Aug. 6		
EUR	eP	11 29 33
TUC-T	eP	11 28 45
Aug. 6		
HH	e(P)	11 53 25
Aug. 6		
HH	e(P)	12 12 06
Aug. 6		
EUR	eP	12 34 15
Aug. 6		
EUR	eP	15 41 29
Aug. 6		
COL	iP	16 10 14
Aug. 6		
HH	e(P)	22 20 29
	eL	21 25
Aug. 6		
EUR	e(P)	22 29 41
Aug. 6		
HH	eP	23 01 25
Aug. 7		
EUR	e(P)	00 18 18

Date and Station		Phase (GCT)
		h m s
TUC-T	e(P)	00 16 32
	e	16 50
	eL	17 53
Aug. 7		
EUR	eP	01 52 18
Aug. 7		
EUR	eP	03 26 12
Aug. 7		
EUR	eP	05 34 25
Aug. 7		
COL	eP	09 07 54
Aug. 7		
BC	eP	10 50 11
BOZ	eP	10 49 29
BUT	eP	10 49 19
	e(S)	53 55
	eL	58 21
COL	iP	10 45 43
	iS	47 37
	iL	47 53
COLU	eP	10 52 50
EUR	iP	10 49 42
	i	50 36
HH	iP	10 48 59
	ePcP	52 31
RC	eP	10 50 16
SLC	eP	10 49 54
SIT	eP	10 46 17
	e	46 47
	eL	50 46
THULE	eP	10 50 28
TUC	iP	10 50 53
	eL	59 39
	iL	11 02 30
TUC-T	iP	10 50 53
	iPP	52 20
	ePcP	52 52
UK	eP	10 49 13
	e(S)	54 16
WASH	eP	10 52 52
Aug. 7		
EUR	eP	10 54 43
	e	56 23
HH	iP	10 54 01

Date and Station		Phase (GCT)
		h m s
RC	iP	10 55 16
TUC	iP	10 55 54
	i	56 09
TUC-T	iP	10 55 54
	e	56 54
Aug. 7		
EUR	eP	11 01 26
HH	e(P)	11 01 12
RC	e(P)	11 00 43
Aug. 7		
EUR	eP	11 27 53
Aug. 7		
TUC	e(P)	11 32 41
	e	32 57
	iL	34 10
TUC-T	eP	11 32 38
	e	32 56
	iL	34 07
Aug. 7		
COL	eP	12 31 17
EUR	eP	12 30 46
TUC-T	eP	12 30 44
Aug. 7		
COL	iP	12 53 01
Aug. 7		
COL	eP	13 48 25
Aug. 7		
COL	e(P)	15 36 37
	i	36 49
EUR	eP	15 39 10
GUAM	eP	15 30 27
HH	eP	15 39 05
RC	eP	15 39 50
Aug. 7		
COL	eP	15 42 49
Aug. 7		
BC	eP	19 24 07
COL	iP	19 23 31
EUR	iP	19 24 06
GUAM	iP	19 17 09
HH	eP	19 24 20

Date and Station		Phase (GCT)
		h m s
TUC-T	eP	19 24 19
Aug. 7		
BC	eP	21 52 06
BOZ	eP	21 51 23
BUT	eP	21 51 13
COL	iP	21 47 38
	iS	49 31
	iL	50 05
COLU	eP	21 54 45
EUR	iP	21 51 36
HH	iP	21 50 53
	iPcP	54 23
	eS	55 50
	i(ScP)	58 05
	eL	58 15
RC	iP	21 52 10
SLC	eP	21 51 55
SJ	e(P)	21 56 18
	e	57 05
SIT	e(P)	21 47 49
	e	48 02
	e	49 38
	eL	52 20
THULE	iP	21 52 20
TUC	iP	21 52 47
	i	52 55
	eIP	54 16
	eL	22 04 11
TUC-T	iP	21 52 47
	i	52 55
	ePP	54 14
	e(S)	58 39
UK	eP	21 51 06
WASH	eP	21 54 33
	eL	22 13 38
Aug. 7		
EUR	eP	21 58 19
Aug. 7		
EUR	eP	22 23 35
Aug. 7		
TUC	eP	22 55 57
Aug. 7		
EUR	eP	23 59 46
Aug. 8		
BC	eP	00 57 28

Date and Station		Phase (GCT)
		h m s
BOZ	eP	00 56 53
BUT	eP	00 56 41
COL	iP	00 53 12
	ePP	54 00
	iS	57 39
	eL	58 53
COLU	eP	00 59 26
EUR	iP	00 57 06
	i	57 20
	eP'P'	01 27 30
GUAM	eP	00 55 50
HONO	e(P)	00 55 48
	i	56 12
	eS	01 02 32
	eL	05 46
HH	iP	00 56 27
	i	56 39
	iPcP	58 02
KIP	eP	00 55 52
	i	56 06
RC	iP	00 57 29
SLC	eP	00 57 15
SJ	eP	01 01 07
	e	01 19
SIT	iP	00 54 21
THULE	eP	00 56 06
TUC	iP	00 58 02
	eL	01 17 18
	eP'P'	27 14
TUC-T	iP	00 58 02
	i	58 10
	iP'P'	01 27 14
UK	eP	00 56 37
	e	56 45
WASH	iP	00 59 10
Aug. 8		
COL	eP	01 37 43
Aug. 8		
BH	eP	01 51 18
EUR	eP	01 59 10
RC	e(P)	01 58 39
TUC-T	eP	01 58 09
Aug. 8		
COL	eP	03 08 19

Date and Station		Phase (GCT)
		h m s
HH	eP	03 06 16
	e	06 35
RC	eP	03 05 24
SJ	e(P)	03 02 47
TUC	eP	03 04 46
	e	05 02
TUC-T	iP	03 04 36
	e	05 13
Aug. 8		
EUR	eP	03 55 36
Aug. 8		
EUR	e(P)	05 15 02
Aug. 8		
TUC-T	eP	07 03 26
Aug. 8		
EUR	eP	07 19 34
Aug. 8		
EUR	eP	09 02 06
Aug. 8		
EUR	iP	11 13 20
HH	eP	11 13 06
Aug. 8		
EUR	iP	12 22 54
	epP	23 25
TUC	eP	12 23 49
TUC-T	eP	12 23 48
Aug. 8		
GUAM	iP	13 33 43
	iS	34 24
Aug. 8		
COL	iP	13 55 29
Aug. 8		
COL	iP	16 00 01
Aug. 8		
HH	e(P)	16 08 26
Aug. 8		
TUC-T	eP	20 23 19
Aug. 8		
COL	eP	22 31 27
Aug. 9		
COL	eP	00 08 20
	ipP	08 47
	i	09 13
GUAM	iP	00 00 52
	i(S)	04 56

Date and Station		Phase (GCT)
		h m s
Aug. 9		
COL	iP	00 31 12
Aug. 9		
COL	eP	02 47 23
GUAM	iP	02 39 31
	i	39 53
	iS	43 12
Aug. 9		
BC	eP	05 08 06
HH	eP	05 09(41)
TUC	e(P)	05 08 13
	e	08 20
TUC-T	eP	05 08 11
	e	08 16
RC	eP	06 07 00
	e	07 47
Aug. 9		
HH	eP	06 21(40)
Aug. 9		
HH	e(P)	06 44(27)
Aug. 9		
SJ	eP	08 46 42
Aug. 9		
COL	eP	09 20 33
GUAM	iP	09 11 03
	iS	11 49
HH	eP	09 22(22)
RC	e(P)	09 23 07
	e	23 25
TUC-T	eP	09 23 02
Aug. 9		
COL	eP	09 40 10
	i	40 22
	i	41 17
	iL	41 56
Aug. 9		
COL	eP	10 58 48
Aug. 9		
HH	eP	12 29(48)
Aug. 9		
COL	eP	12 46 33
Aug. 9		
BC	iP	14 29 19
	eS	29 44
	eL	29 59

Date and Station		Phase (GCT) h m s
TUC	e(P)	14 29 23
	e	29 44
	iL	30 40
TUC-T	eP	14 29 22
	e	29 45
	iL	30 42
Aug. 9 TUC-T	eP	15 09 41
Aug. 9 COL	iP	15 33 56
HH	eP	15 35(46)
RC	eP	15 37 41
TUC-T	eP	15 38 04
Aug. 9 TUC	eP	18 53 58
TUC-T	eP	18 53 58
Aug. 9 COL	e(P)	19 16 44
Aug. 9 RC	e(P)	19 33 33
Aug. 9 BC	eP	20 42 31
BOZ	eP	20 42 52
BUT	eP	20 42 45
COL	iP	20 41 52
	i	42 14
	eS	52 16
	e(P'P')	21 08 32
HONO	e(P)	20 38 25
	eS	45 48
	eL	52 18
HH	eP	20 42(40)
TUC	eP	20 42 42
	eL	21 10 48
TUC-T	iP	20 42 43
	i	42 52
	ePP	46 28
Aug. 9 GUAM	iP	22 17 17
	iS	17 33
RC	eP	22 30 13
Aug. 9 COL	eP	22 33 26
	i	33 36
Aug. 9 EUR	eP	23 45 35
Aug. 9 COL	iP	23 52 26
EUR	iP	23 53 10
	i	53 26
Aug. 10 COL	eP'	00 55 46
	ePP	57 50
GUAM	eP	00 44 39
HH	eP'	00 55(45)
	ePP	59(08)
Aug. 10 HH	iP	00 49(43)
Aug. 10 COL	iP	01 02 50
	iL	04 45
Aug. 10 TUC-T	e(P)	01 55 31
	e	55 36
Aug. 10 HH	eP	03 59 45
Aug. 10 COL	eP	04 42 14
TUC	iP	04 42 27
TUC-T	iP	04 42 27
Aug. 10 TUC-T	e(P)	05 50 10
	e	50 13
Aug. 10 COL	e(P)	08 36 33
Aug. 10 COL	iP	15 46 39
Aug. 10 HH	eP	18 06 57
Aug. 10 BOZ	eP	21 48 36
COL	eP	21 45 14
HH	eP	21 48 06
TUC-T	iP	21 49 43
Aug. 10 COL	iP	23 17 58
GUAM	iP	23 16 47
HH	eP	23 20 18
Aug. 11 BUT	e(P)	00 49 46
HH	iP	00 49 34
TUC-T	eP	00 50 32
Aug. 11 COL	e(P)	02 38 55
Aug. 11 TUC	e(P)	07 43 55
	i	44 03
	eL	44 53
TUC-T	eP	07 43 53
	e	44 03
	iL	44 57
Aug. 11 COL	eP	08 20 15
COLU	eP	08 13 45
	e(S)	17 14
EUR	eP	08 17 46
HH	eP	08 17 52
RC	eP	08 16 44
SJ	iP	08 09 30
	i(S)	09 55
	iL	09 56
TUC	eP	08 17 06
TUC-T	e(P)	08 17 11
	e	17 17
Aug. 11 TUC	eP	10 51 48
	i	51 58
	iL	52 40
TUC-T	eP	10 51 50
	i	52 02
	iL	52 51
Aug. 11 EUR	eP	11 57 41
Aug. 11 HH	e(P)	12 37 57
Aug. 11 HH	i(P)	13 21 19
Aug. 11 COL	eP	13 49 11
HH	eP	13 43 05
Aug. 11 COL	eP	14 19 55
Aug. 11 COL	eP	14 27 42
Aug. 11 BOZ	eP	15 35 20
COL	iP	15 32 06
	i	32 17
HH	iP	15 34 57
RC	eP	15 35 52
SIT	eP	15 33 12
Aug. 11 COL	eP	16 32 12
Aug. 11 COL	eP	16 57 43
Aug. 11 COL	e(P)	18 22 39
Aug. 11 HH	e(P)	20 50 54
Aug. 11 COL	iP	22 02 16
EUR	iP	22 02 46
	i	02 54
	iPP	06 18
GUAM	eP	21 54 01
HONO	e(P)	21 58 44
	eS	22 05 58
	eL	10 12
HH	eP	22 03 02
	ePP	06 10
TUC-T	eP	22 02 58
Aug. 11 HH	eP	23 40 30
Aug. 12 BH	iP	00 35 21
	iS	39 44
BOZ	eP	00 41 09
COL	iP	00 44 27
	epP	44 40
	i	44 54
COLU	eP	00 38 39
EUR	iP	00 40 54
HH	iP	00 41 35
SJ	e(P)	00 38 10
	e	38 17

Date and Station		Phase (GCT) h m s
TUC	eP	00 39 48
	epP	40 07
	eL	52 39
TUC-T	eP	00 39 47
	epP	40 07
	eS	44 40
WASH	eP	00 39 29
	e(S)	45 22
	eL	50 26
Aug. 12		
BUT	eP	00 43 13
COL	iP	00 46 25
COLU	eP	00 40 37
EUR	iP	00 42 52
HH	iP	00 43 22
	i	45 18
SJ	e(P)	00 40 23
TUC-T	iP	00 41 46
WASH	eP	00 41 27
Aug. 12		
COL	iP	01 39 44
EUR	eP	01 41 50
HH	eP	01 40 47
TUC	eP	01 42 25
TUC-T	eP	01 42 25
Aug. 12		
BH	iP	02 03 42
BOZ	eP	02 10 32
BUT	eP	02 10 51
COL	eP	02 13 20
	e	13 32
COLU	eP	02 08 03
EUR	iP	02 10 17
	i	10 36
	i	13 26
HH	eP	02 10 55
	i	11 10
RC	eP	02 10 00
SJ	iP	02 06 23
TUC	eP	02 09 15
	i	09 28

Date and Station		Phase (GCT) h m s
TUC-T	eP	02 09 15
	i	09 17
WASH	eP	02 08 45
Aug. 12		
EUR	eP	03 22 32
Aug. 12		
COL	eP'	04 24 29
EUR	eP'	04 24 43
	i	24 47
HH	iP'	04 24 39
RC	eP'	04 24 29
TUC	eP'	04 24 43
TUC-T	eP'	04 24 35
	e	24 44
Aug. 12		
COL	e(P)	04 32 11
Aug. 12		
EUR	eP	05 01 19
Aug. 12		
COL	iP	09 05 20
EUR	eP	09 07 52
HH	iP	09 07 32
TUC-T	eP	09 08 22
	e	08 35
Aug. 12		
EUR	eP	09 33 35
Aug. 12		
BC	eP	10 10 32
BOZ	eP	10 11 08
BUT	eP	10 11 03
COL	iP	10 10 54
	e	11 31
	i	12 41
	e	13 19
	eS	21 25
	eSS	27 01
	eL	33 20
COLU	e(P')	10 16 42
EUR	iP	10 10 33
GUAM	eP	10 05 04
HONO	iP	10 06 18
	i	09 22
	eS	12 44
	eL	15 26

Date and Station		Phase (GCT) h m s
HH	iP	10 11 05
	eP'P'	37 20
RC	eP	10 11 28
SLC	eP	10 10 53
SIT	eP	10 10 48
	eL	36 50
TUC	eP	10 10 34
	i	10 38
	eS	20 50
	eL	31 49
	eP'P'	37 33
TUC-T	eP	10 10 35
	iP'P'	37 31
UK	iP	10 10 08
	eL	34 27
WASH	e(P')	10 15 32
	eL	51 01
Aug. 12		
EUR	eP	10 47 03
TUC	e(P)	10 45 49
TUC-T	eP	10 45 49
Aug. 12		
COL	iP	11 03 24
TUC	eP	11 03 13
Aug. 12		
COL	eP	16 27 18
Aug. 12		
EUR	eP	17 30 30
Aug. 12		
COLU	e(P)	18 07 24
	eL	08 24
Aug. 12		
RC	e(P)	18 14 16
Aug. 12		
COL	eP	19 09 33
Aug. 12		
COL	e(P)	21 28 41
Aug. 12		
COL	iP	23 37 40
Aug. 13		
BOZ	eP	00 46 25
COL	iP	00 44 51
	i	44 59
EUR	iP	00 46 51

Date and Station		Phase (GCT) h m s
HH	iP	00 46 14
RC	eP	00 46 23
SIT	eP	00 45 39
	e	45 47
Aug. 13		
COL	iP	00 48 50
EUR	iP	00 52 38
	i	52 57
	i	53 35
HH	iP	00 53 17
RC	iP	00 53 03
Aug. 13		
RC	eP	04 58 00
Aug. 13		
COL	eP	09 47 35
Aug. 13		
COL	eP	12 29 40
Aug. 13		
BOZ	eP	15 38 38
COL	iP	15 35 15
	eS	38 56
	e	39 02
	eL	39 21
EUR	eP	15 38 39
	iP	38 49
HH	eP	15 38 09
	e(PP)	40 19
RC	eP	15 39 26
TUC-T	eP	15 39 49
Aug. 13		
BH	iP	15 52 28
	iS	53 13
Aug. 13		
EUR	eP	16 00 11
HH	eP	16 00 44
RC	eP	15 59 40
TUC-T	iP	15 59 10
Aug. 13		
EUR	eP	19 07 46
Aug. 13		
BOZ	eP	19 09 47
BUT	eP	19 09 29

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

Date and Station		Phase	(GCT) h m s
Aug. 15			
COL		iP	17 13 58
SJ		eP	17 21 13
Aug. 15			
COL		e(P)	18 41 47
EUR		iP	18 38 51
		i	39 09
HH		iP	18 39 29
SJ		e(P)	18 35 02
		i	35 18
TUC		eP	18 37 55
TUC-T		iP	18 37 55
		e	39 45
Aug. 15			
BC		eP	18 51 47
COL		iP	18 47 30
		i	50 56
		e(S)	52 00
		eL	54 46
EUR		iP	18 51 23
		iPcP	52 28
HH		eP	18 50 45
		iPcP	52 22
RC		eP	18 51 45
SLC		eP	18 51 32
TUC		eP	18 52 23
TUC-T		eP	18 52 23
Aug. 15			
EUR		eP	19 00 33
HH		e(P)	18 59 47
Aug. 15			
EUR		eP	19 11 28
HH		iP	19 10 57
Aug. 15			
EUR		e(P)	20 07 44
		eP	07 54
		eS	09 21
		eL	09 46
TUC		iP	20 06 08
		i	06 15
		i(S)	06 29
		iL	06 30
TUC-T		iP	20 06 08
		iL	06 31

Date and Station		Phase	(GCT) h m s
Aug. 15			
COL		iP	21 42 18
EUR		iP	21 42 00
		i	42 20
TUC		eP	21 42 05
TUC-T		iP	21 42 06
Aug. 15			
COL		iP	23 07 09
COLU		eP	23 01 20
EUR		iP	23 03 35
		ipP	04 16
HH		iP	23 04 16
RC		eP	23 03 10
		e	03 53
SJ		iP	23 01 09
		e	01 24
TUC		eP	23 02 32
TUC-T		iP	23 02 31
		e	02 38
		e	03 13
Aug. 16			
COL		iP	00 11 40
EUR		iP	00 15 06
		ipP	15 22
HH		eP	00 14 32
RC		eP	00 15 43
TUC		eP	00 16 10
TUC-T		eP	00 16 09
Aug. 16			
COL		iP	00 18 07
Aug. 16			
COL		iP	00 56 31
		e(S)	57 04
		eL	57 07
Aug. 16			
EUR		eP	00 59 38
Aug. 16			
EUR		eP	01 01 50
Aug. 16			
BC		eP	01 04 54
COL		eP	01 04 50
		eS	14 51
		e	15 56
		eSS	20 15
		eL	34 08

Date and Station		Phase	(GCT) h m s
EUR		iP	01 04 53
GUAM		eP	00 59 35
HONO		eP	01 01 00
		iS	07 44
		i	09 00
		eL	14 46
TUC		eP	01 05 02
		ePPS	17 23
		eL	32 29
TUC-T		eP	01 05 03
		iP	05 04
Aug. 16			
COL		eP	01 32 22
EUR		eP	01 34 48
GUAM		eP	01 26 23
		eS	30 37
		eT	50 55
HH		eP	01 34 27
Aug. 16			
COL		eP	02 48 41
		i	48 50
EUR		iP	02 52 11
HH		e(P)	02 51 40
TUC		eP	02 53 14
TUC-T		eP	02 53 14
Aug. 16			
EUR		eP	03 37 03
Aug. 16			
EUR		eP	08 00 43
Aug. 16			
TUC-T		e(P)	08 15 10
Aug. 16			
BC		eP	10 05 13
		epP	06 35
BCZ		eP	10 05 52
BUT		eP	10 05 45
		epP	07 09
COL		iP	10 05 40
		ipP	07 04
		e(S)	15 38
EUR		iP	10 05 17
		ipP	06 40
GUAM		eP	10 01 53
HH		iP	10 05 45
		epP	07 09
		iPP	09 13

Date and Station		Phase	(GCT) h m s
RC		iP	10 06 07
TUC		iP	10 05 21
		epP	06 44
TUC-T		iP	10 05 22
		ipP	06 44
Aug. 16			
EUR		eP	10 59 05
Aug. 16			
COL		e(P)	11 20 01
EUR		eP	11 21 06
GUAM		eP	11 12 12
		i	12 27
Aug. 16			
COL		eP	11 23 22
Aug. 16			
EUR		eP	12 27 11
Aug. 16			
COL		eP	13 31 20
Aug. 16			
EUR		eP	16 49 21
		i	49 34
		e(S)	50 16
		eL	50 26
Aug. 16			
RC		eP	17 40 37
Aug. 16			
RC		eP	17 42 37
Aug. 16			
COL		eP	18 02 23
EUR		eP	18 05 29
HH		iP	18 05 11
SJ		eP'	18 09 44
Aug. 16			
COL		e(P)	18 54 08
EUR		eP	18 55 22
HH		eP	18 54 43
Aug. 16			
EUR		eP	20 13 28
HH		eP	20 14 30
TUC		e(P)	20 12 17
TUC-T		eP	20 12 18
		e	15 08

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Date and Station		Phase (GCT)
		h m s
Aug. 16		
EUR	eP	20 56 11
Aug. 17		
TUC-T	e(P)	00 50 30
	e	50 37
	eL	51 33
Aug. 17		
HH	eP	01 14 25
Aug. 17		
COL	eP	01 13 51
	i	14 27
EUR	eP	01 13 55
GUAM	iP	01 07 54
	eT	32 42
HH	e(P)	01 16 02
TUC	e(P)	01 13 56
	e	14 04
TUC-T	eP	01 13 55
	e	14 08
Aug. 17		
BOZ	eP	01 45 57
BUT	eP	01 45 45
COL	iP	01 44 52
EUR	iP	01 46 18
HH	iP	01 45 38
RC	eP	01 45 32
	e	45 37
SJ	eP	01 45 01
	e	45 20
THULE	iP	01 42 14
TUC	eP	01 46 37
TUC-T	iP	01 46 36
Aug. 17		
BC	eP	01 53 11
TUC	iP	01 51 50
	iS	52 34
	iL	52 36
TUC-T	e(P)	01 51 42
	i	51 51
	iL	52 40
Aug. 17		
COLU	eP	02 45 00
Aug. 17		
GUAM	iP	03 22 14
	iS	22 31

Date and Station		Phase (GCT)
		h m s
Aug. 17		
EUR	eP	04 25 37
TUC-T	eP	04 24 35
	e	25 45
Aug. 17		
GUAM	iP	04 32 39
Aug. 17		
BUT	e(P)	04 41 33
COL	eP	04 40 40
EUR	e(P)	04 42 01
HH	eP	04 41 24
Aug. 17		
COL	e(P)	05 01 57
EUR	iP	05 05 26
HH	iP	05 04 55
	i	07 23
RC	eP	05 06 05
TUC	eP	05 06 30
TUC-T	eP	05 06 31
Aug. 17		
SJ	iP	05 52 00
	iS	52 09
	iL	52 10
Aug. 17		
EUR	iP	06 40 33
HH	eP	06 41 20
RC	eP	06 40 59
TUC	eP	06 39 47
TUC-T	iP	06 39 48
Aug. 17		
GUAM	eP	08 03 21
Aug. 17		
COL	eP	08 36 31
EUR	i(P')	08 42 51
GUAM	iP	08 30 33
HH	eP	08 38 38
Aug. 17		
TUC	e(P)	09 29 16
TUC-T	eP	09 29 16
Aug. 17		
EUR	eP	11 07 41

Date and Station		Phase (GCT)
		h m s
HH	eP	11 07 25
RC	eP	11 08 10
Aug. 17		
EUR	eP	11 49 53
Aug. 17		
EUR	iP	12 34 40
RC	eP	12 34 25
SJ	iP	12 30 29
TUC	eP	12 33 55
TUC-T	eP	12 33 55
Aug. 17		
BH	iP	13 13 16
	iS	14 22
BC	eP	13 20 05
EUR	iP	13 20 27
HH	eP	13 21 05
SJ	iP	13 16 50
TUC	eP	13 19 24
TUC-T	eP	13 19 24
Aug. 17		
COL	iP	15 31 31
Aug. 17		
COL	iP	17 04 34
EUR	iP	17 08 18
Aug. 17		
COL	iP	19 28 29
COLU	e(P)	19 27 25
Aug. 17		
GUAM	eP	20 21 55
	iS	22 52
Aug. 17		
EUR	eP	20 40 34
Aug. 17		
EUR	eP	21 16 41
GUAM	iP	21 06 34
Aug. 17		
BH	eP'	21 25 32D
	iSKS	32 37
BC	eP	21 18 02D
BOZ	eP	21 18 38C

Date and Station		Phase (GCT)
		h m s
BUT	eP	21 18 16C
COL	iP	21 17 09C
	e(PP)	21 07
	iS	27 32
	i	28 07
	eSS	33 08
	eSSS	36 59
	eL	39 41
	eP'P'	43 22
COLU	eP'	21 23 42C
	ePP	25 10
EUR	eP	21 17 58D
	i	18 43
	ePKKP	34 08
	e	39 41
	eP'P'	43 12
GUAM	eP	21 10 00(C)
	eT	39 34
HONO	eP	21 14 07D
	iS	21 42
	eL	25 20
	eT	22 07 40
	iT	09 17
HH	iP	21 18 12D
	e	21 17
	ePP	22 06
	ePS	30 32
	ePKKP	34 39
	i	35 10
	eP'P'	43 14
	eL	45 38
KIP	eP	21 14 06D
RC	iP	21 18 46
	ePP	23 01
	ePKKP	35 08
	eP'P'	43 07
	eL	52 49
SLC	eP	21 18 18D
SJ	eP'	21 24 11D
	ePP	26 54
SIT	eP	21 17 22C
	i	17 25
THULE	eP	21 19 06D
TUC	eP	21 18 19D
	iP'	22 11
	i	31 01
	eL	40 15
	eP'P'	43 22
TUC-T	iP	21 18 19D
	i	20 41
	iP	22 11

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

Date and Station		Phase (GCT)
		h m s
Aug. 18		
BC	eP	09 05 02
COL	eP	09 08 40
RC	i(P)	09 04 27
TUC	eP	09 06 19
	eL	09 25
Aug. 18		
BC	eP	09 16 39
COL	iP	09 20 27
RC	eP	09 16 06
Aug. 18		
TUC	eP	09 17 30
	e	18 11
	eL	20 55
TUC-T	eP	09 17 28
	e	18 09
	eL	20 49
Aug. 18		
COLU	eP	09 27 20
Aug. 18		
RC	eP	09 46 06
	eL	47 27
SLC	eP	09 43 41
Aug. 18		
COL	eP	09 50 33
TUC	eP	09 51 27
Aug. 18		
SLC	eP	10 04 57
Aug. 18		
COL	iP	10 17 46
RC	eP	10 18 05
	e	19 03
Aug. 18		
COL	iP	10 22 05
Aug. 18		
COL	iP	10 30 44
Aug. 18		
RC	eP	10 26 34
	eL	27 36
Aug. 18		
BC	eP	10 43 57
COL	eP	10 47 31
	i	47 41
COLU	eP	10 54 48
RC	eP	10 43 00
	eL	44 36

Date and Station		Phase (GCT)
		h m s
TUC	eP	10 45 26
	eL	47 36
Aug. 18		
BC	iP	10 46 05
COL	iP	10 49 45
Aug. 18		
COL	iP	11 09 06
Aug. 18		
BC	iP	11 06 08
	e	06 38
COL	iP	11 09 47
COLU	eP	11 09 17
	e(S)	13 52
	eL	16 50
HH	eP	11 04 54
	iL	06 01
RC	iP	11 05 20
SIT	eP	11 08 24
	eL	14 21
TUC	eP	11 06 55
	i	07 19
	eL	10 26
TUC-T	eP	11 06 52
	i	07 51
	iL	10 26
UK	eP	11 07 29
	eL	09 37
Aug. 18		
BC	eP	12 15 08
COL	iP	12 16 06
RC	eP	12 12 04
	eL	13 23
TUC	e(P)	12 13 37
	eL	17 53
Aug. 18		
COL	eP	12 30 35
Aug. 18		
COL	iP	12 44 09
Aug. 18		
RC	eP	13 21 25
	eL	23.06
TUC	e(P)	13 23 56
Aug. 18		
EUR	eP	14 17 10
Aug. 18		
SLC	eP	14 25 41
	iP	27 13

Date and Station		Phase (GCT)
		h m s
Aug. 18		
BC	eP	14 42 32
COL	iP	14 46 11
EUR	eP	14 41 58
RC	eP	14 43 14
	eL	44 51
Aug. 18		
COL	eP	14 47 50
Aug. 18		
BUT	eP	15 23 04
	iP	24 12
COL	iP	15 29 21
TUC	eP	15 27 22
Aug. 18		
BH	iP	15 34 22C
	iS	41 02
BC	iP	15 28 26
COL	iP	15 32 06D
COLU	eP	15 31 36
GUAM	iP	15 39 10
HONO	eP	15 34 29
	eS	41 14
	eL	44 40
HH	iP	15 27 13D
KIP	eP	15 34 26
RC	e(P)	15 27 30
	iP	27 33
SLC	iP	15 27 12
SJ	iP	15 34 28
	e	35 34
	eP	36 08
	e	44 10
SIT	iP	15 30 39
	eS	34 56
	eL	36 10
THULE	eP	15 33 14
TUC	iP	15 29 12
TUC-T	eP	15 29 07
	iP	29 13
UK	iP	15 28 46
	eL	31 25
WASH	iP	15 31 41C
Aug. 18		
KIP	eP	15 44 06

Date and Station		Phase (GCT)
		h m s
Aug. 18		
BC	eP	16 13 43
COL	iP	16 19 04
EUR	eP	16 13 02
Aug. 18		
BC	eP	16 15 23
COL	iP	16 22 48
Aug. 18		
BC	eP	16 24 24
HH	e(P)	16 23 12
	iL	24 17
RC	eP	16 23 52
	eL	24 59
COL	iP	16 28 05
Aug. 18		
COL	iP	16 32 27
HH	e(P)	16 27 44
	eL	28 38
Aug. 18		
BC	eP	17 06 24
COL	iP	17 10 03
RC	eP	17 05 57
	eL	07 02
SLC	eP	17 05 08
Aug. 18		
COL	eP	17 27 33
SLC	eP	17 29 03
Aug. 18		
COL	eP	17 33 54
Aug. 18		
COL	iP	17 58 15
RC	eP	17 53 46
	eL	55 15
Aug. 18		
RC	eP	20 01 47
SLC	eP	20 01 34
Aug. 18		
BOZ	iP	20 09 39
HH	eP	20 10 28
	iL	11 31
RC	eP	20 11 07
	eL	12 20

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Date and Station		Phase	(GCT) h m s
SLC		eP	20 10 27
Aug. 18			
COL		iP	20 15 23
TUC		e(P)	20 16 02
Aug. 18			
COL		eP	20 19 45
HH		eP	20 14 51
		eS	15 38
		eL	15 54
Aug. 18			
WASH		eP	20 22 43
Aug. 18			
BOZ		iP	21 23 07
Aug. 18			
COL		eP	21 25 22
GUAM		eP	21 19 00
RC		eP	21 36 46
		eL	38 09
SLC		eP	21 36 08
Aug. 18			
TUC		iP	21 40 19
		i	40 41
TUC-T		iP	21 40 17
		i	40 36
Aug. 18			
COL		iP	21 41 02
SLC		eP	21 45 26
Aug. 18			
COL		iP	21 57 26
		eL	22 07 03
HH		eP	21 52 32
		e(S)	53 22
		eL	53 32
RC		eP	21 53 13
		eL	54 17
TUC		eP	21 53 56
WASH		e(L)	22 04 49
Aug. 18			
COL		iP	22 15 41
Aug. 18			
RC		eP	23 29 22
		eL	30 25
SLC		eP	23 28 48

Date and Station		Phase	(GCT) h m s
Aug. 18			
TUC		eP	23 34 07
Aug. 18			
BOZ		iP	23 46 46
SLC		eP	23 47 28
Aug. 19			
BOZ		iP	00 36 54
EUR		eP	00 38 24
RC		eP	00 38 13
		eL	09 31
BOZ		eP	02 28 51
EUR		eP	02 30 12
HH		iP	02 29 33
		iL	30 36
Aug. 19			
COL		eP	03 41 19
Aug. 19			
EUR		eP	03 14 50
HH		iP	03 14 04
		iL	15 06
Aug. 19			
BC		iP	04 06 18
BUT		iP	04 04 10
COL		iP	04 10 00
		eS	14 35
		iS	14 50
		iL	15 19
COLU		eP	04 09 36
EUR		eP	04 05 34
HH		iP	04 05 04
		iL	06 04
RC		iP	04 05 35
SLC		iP	04 05 05
SJ		eP	04 12 29
SIT		eP	04 08 32
		eL	14 05
TUC		iP	04 07 06
		eS	10 04
		eL	10 26
TUC-T		iP	04 07 08
		iL	10 36
WASH		iP	04 09 41
		iS	14 20
		eL	15 58

Date and Station		Phase	(GCT) h m s
Aug. 19			
HH		iP	05 35 06
		iL	36 10
SLC		eP	05 35 12
Aug. 19			
BC		eP	05 50 19
HH		iP	05 49 56
		iL	50 16
RC		eP	05 51 19
		i	51 49
		eL	53 11
Aug. 19			
COL		i(P)	06 04 15
COLU		e(P)	06 02 00
		e	03 24
Aug. 19			
HH		iP	06 52 10
		iL	53 11
Aug. 19			
HH		iP	06 55 45
		iL	56 48
Aug. 19			
COL		iP	07 19 44
GUAM		eP	07 13 39
Aug. 19			
BOZ		iP	07 12 48
HH		iP	07 13 27
		iL	14 29
Aug. 19			
COL		iP	08 12 29
		i	12 48
Aug. 19			
TUC		eP	08 32 25
Aug. 19			
BOZ		iP	09 04 10
HH		eP	09 04 56
		iL	05 58
HH		iP	09 08 22
		iL	08 24
RC		e(P)	09 09 04
		eL	10 14
SLC		eP	09 04 55
Aug. 19			
BC		eP	09 28 55
BOZ		iP	09 28 10

Date and Station		Phase	(GCT) h m s
HH		iP	09 28 53
		iL	29 55
SLC		eP	09 28 47
Aug. 19			
BC		eP	11 05 51
		e	08 15
BOZ		iP	11 03 54
HH		iP	11 04 37
		i	04 47
		iL	05 38
RC		eP	11 05 23
		eL	06 42
SLC		eP	11 04 37
TUC		eP	11 06 39
		e	07 25
		e	10 19
TUC-T		e(P)	11 06 51
		e	07 26
Aug. 19			
HH		iP	11 21 24
		iL	22 26
Aug. 19			
HH		iP	11 26 12
		iL	27 19
Aug. 19			
COL		iP	12 14 22
		i	14 33
Aug. 19			
EUR		e(P)	13 49 13
HH		iP	13 48 31
		iL	49 34
Aug. 19			
EUR		eP	14 32 00
Aug. 19			
COL		iP	14 33 32
EUR		iP	14 36 31
GUAM		eP	14 29 54
Aug. 19			
COL		e(P)	14 53 47
		e	54 39
EUR		e(P)	16 02 06
Aug. 19			
BH		iP	17 03 40D
		iS	04 07
COL		iP	17 25 25

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Date and Station		Phase (GCT)
		h m s
EUR	eP	17 23 59
TUC-T	eP	17 24 50
	e	25 09
Aug. 19		
EUR	eP	17 29 39
Aug. 19		
EUR	e(P)	18 12 15
Aug. 19		
EUR	e(P)	19 00 29
Aug. 19		
BC	eP	19 08 57
COL	iP	19 12 25
	eL	21 44
COLU	eP	19 19 43
EUR	eP	19 08 04
HH	iP	19 07 27
	iL	08 29
RC	eP	19 08 02
	i	08 21
	eL	09 26
SLC	eP	19 07 32
TUC	e(P)	19 09 39
	eP	09 44
	eL	13 15
TUC-T	eP	19 09 36
	e	10 18
	eL	13 06
Aug. 19		
BC	eP	19 46 07
COL	iP	19 49 47
COLU	eP	19 49 17
EUR	e(P)	19 45 29
HH	iP	19 44 52
	iL	45 55
RC	eP	19 45 14
	i	45 34
	eL	46 25
SLC	eP	19 44 52
TUC	e(P)	19 47 06
	eL	50 13
TUC-T	eP	19 46 52
	e	47 44
	eL	50 18

Date and Station		Phase (GCT)
		h m s
Aug. 19		
EUR	eP	20 11 04
Aug. 19		
EUR	eP	20 15 31
Aug. 19		
EUR	eP	21 46 04
Aug. 19		
BOZ	iP	21 46 22
COL	iP	21 51 56
EUR	eP	21 47 35
HH	iP	21 46 59
	iL	48 01
RC	iP	21 47 30
	eL	48 51
SLC	eP	21 47 03
TUC	e(P)	21 48 44
	e	49 54
	eL	52 46
TUC-T	eP	21 48 44
	e	49 52
	eL	52 45
Aug. 19		
COL	iP	21 58 02
COLU	eP	21 59 24
Aug. 19		
BOZ	iP	22 07 13
EUR	eP	22 08 34
HH	iP	22 07 56
	iL	08 57
SLC	eP	22 08 07
Aug. 19		
EUR	eP	22 13 37
HH	iP	22 13 02
	iL	14 02
Aug. 19		
COL	eP	22 36 56
Aug. 19		
EUR	eP	23 48 04
Aug. 20		
BOZ	iP	00 40 39
EUR	eP	00 42 03
Aug. 20		
COL	iP	02 11 40

Date and Station		Phase (GCT)
		h m s
EUR	iP	02 12 14
TUC-T	eP	02 12 28
Aug. 20		
EUR	eP	02 29 02
HH	iP	02 28 19
	iL	29 24
Aug. 20		
EUR	eP	03 25 32
Aug. 20		
EUR	iP	03 50 35
	i	52 16
HH	eP	03 51 34
TUC	eP	03 52 17
TUC-T	eP	03 52 13
UK	iP	03 49 22
	i	49 26
	eL	50 03
Aug. 20		
UK	eP	04 06 45
	eL	09 31
Aug. 20		
HH	iP	04 21 26
	iL	22 31
Aug. 20		
COL	eP	07 17 15
EUR	eP	07 12 58
HH	iP	07 12 20
	eL	13 24
Aug. 20		
BH	iP	07 22 29C
	iS	25 49
BC	eP	07 27 40
COL	iP	07 31 12
COLU	eP	07 26 19
EUR	iP	07 28 03
HH	i(P)	07 28 48
RC	iP	07 27 55
	e	31 48
SJ	iP	07 24 57
	i	25 03
TUC-T	iP	07 27 01
	ePcP	28 38
	ePP	28 52

Date and Station		Phase (GCT)
		h m s
TUC	iP	07 27 02
	i	27 12
	eL	41 47
WASH	iP	07 27 06
	ePP	28 59
Aug. 20		
BOZ	iP	08 37 30
EUR	eP	08 38 47
HH	iP	08 38 09
	iL	38 10
Aug. 20		
COL	eP	09 07 24
EUR	eP	09 08 25
GUAM	eP	08 59 27
Aug. 20		
EUR	eP	09 45 08
Aug. 20		
HH	iP	10 19 20
	iL	20 25
Aug. 20		
BC	eP	11 01 26
	e	04 07
COL	eP	11 05 08
COLU	e(P)	11 12 46
EUR	eP	11 00 48
HH	iP	11 00 14
	iL	01 18
RC	eP	11 00 33
	e	00 51
	eL	01 45
SLC	eP	11 00 13
TUC	e(P)	11 03 05
	e	06 11
Aug. 20		
HH	iP	12 01 54
	iL	02 57
Aug. 20		
COL	e(P)	12 36 02
HH	eP'	12 41 25
TUC	eP'	12 41 47
Aug. 20		
COL	eP	13 06 02

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

Date and Station		Phase (GCT)
		h m s
HH	iP	11 32 24
	iL	33 28
Aug. 21		
BOZ	iP	11 37 03
	eL	38 39
HH	iP	11 37 44
	iL	38 48
Aug. 21		
EUR	eP	12 23 00
Aug. 21		
BOZ	iP	13 08 05
	iL	08 41
COL	iP	13 13 41
EUR	eP	13 09 24
HH	iP	13 08 46
	iL	09 42
RC	eP	13 09 12
	e	09 33
	eL	10 41
SLC	eP	13 08 47
TUC	e(P)	13 11 08
	e	11 39
	eL	14 18
TUC-T	e(P)	13 11 13
	e	11 38
	eL	14 17
Aug. 21		
BOZ	iP	13 13 22
	iL	14 39
COL	iP	13 19 01
EUR	eP	13 14 36
Aug. 21		
EUR	eP	13 59 18
Aug. 21		
BOZ	iP	14 51 47
	iL	52 59
EUR	eP	14 53 06
HH	iP	14 52 27
	iL	53 33
Aug. 21		
EUR	eP	15 00 28
Aug. 21		
BC	eP	15 34 51
BOZ	iP	15 32 58
	iL	34 58

Date and Station		Phase (GCT)
		h m s
BUT	iP	15 33 07
COL	iP	15 38 36
EUR	iP	15 34 13
HH	iP	15 33 42
	iL	33 52
RC	eP	15 34 05
	i	34 19
SLC	eP	15 33 37
TUC	eP	15 36 27
	eL	39 08
TUC-T	eP	15 36 23
Aug. 21		
BOZ	iP	16 22 53
	iL	24 27
COL	e(P)	16 28 30
EUR	eP	16 24 11
HH	iP	16 23 34
	eL	24 34
Aug. 21		
EUR	eP	16 53 07
TUC-T	eP	16 53 04
	e	53 15
Aug. 21		
SJ	eP	17 09 07
	iS	09 20
	iL	09 21
Aug. 21		
SJ	e(P)	17 43 17
	e	44 35
Aug. 21		
BOZ	iP	17 53 58
	iL	55 19
EUR	eP	17 55 19
HH	eP	17 54 44
	eL	55 52
Aug. 21		
EUR	eP	18 18 17
Aug. 21		
EUR	eP	18 50 24
Aug. 21		
BOZ	iP	19 54 05
	iL	55 36
EUR	eP	19 55 19

Date and Station		Phase (GCT)
		h m s
HH	iP	19 54 45
	iL	55 46
Aug. 21		
EUR	iP	21 03 05
	i	03 31
Aug. 22		
EUR	iP	02 12 48
TUC	e(P)	02 12 05
TUC-T	eP	02 12 03
Aug. 22		
COL	e(P)	03 22 03
Aug. 22		
BOZ	iP	05 48 08
	iL	49 16
EUR	eP	05 49 28
HH	iP	05 48 55
	iL	49 59
SLC	iP	05 48 39
Aug. 22		
BC	eP	06 08 52
BOZ	iP	06 07 00
	iL	08 18
COL	eP	06 12 38
EUR	eP	06 08 12
HH	iP	06 07 45
	iL	08 51
SLC	iP	06 07 18
Aug. 22		
BOZ	iP	06 57 24
	iL	58 43
BUT	iP	06 57 37
COL	eP	07 03 07
EUR	iP	06 58 49
HH	iP	06 58 12
	iL	59 16
SLC	iP	06 57 57
TUC-T	e(P)	07 01 08
Aug. 22		
EUR	eP	08 10 25
Aug. 22		
BOZ	iP	08 34 23
	iL	35 50

Date and Station		Phase (GCT)
		h m s
BUT	iP	08 34 33
COL	eP	08 40 03
EUR	eP	08 35 40
HH	iP	08 35 08
	iL	36 14
SLC	iP	08 34 51
Aug. 22		
BC	eP	08 59 49
	eL	09 02 01
BOZ	iP	08 57 54
	iL	59 38
COL	eP	09 03 35
EUR	iP	08 59 11
HH	iP	08 58 40
	iL	59 46
SLC	eP	08 58 16
TUC	e(P)	09 01 28
	eL	04 17
TUC-T	eP	09 00 45
	e	01 27
	eL	04 07
Aug. 22		
EUR	eP	09 43 21
TUC	eP	09 43 20
TUC-T	eP	09 43 20
Aug. 22		
EUR	eP	10 09 24
Aug. 22		
TUC-T	eP	10 30 40
Aug. 22		
BOZ	iP	10 30 39
	iL	31 44
COL	e(P)	10 34 00
EUR	iP	10 31 32
	i	32 16
HH	iP	10 31 29
	iL	32 33
Aug. 22		
BC	eP	10 42 59
	eL	45 35
BOZ	iP	10 41 04
	eL	42 24

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Date and Station		Phase (GCT)
		h m s
COL	eP	10 46 45
EUR	eP	10 42 21
HH	iP	10 41 48
	iL	42 53
SLC	eP	10 41 26
TUC	e(P)	10 44 34
	eL	47 14
TUC-T	e(P)	10 44 33
	eL	47 12
Aug. 22		
EUR	eP	11 16 49
Aug. 22		
BOZ	iP	13 42 58
	iL	43 05
EUR	eP	13 44 22
HH	iP	13 43 44
	iL	44 49
SLC	eP	13 43 36
Aug. 22		
EUR	eP	14 45 33
Aug. 22		
EUR	eP	15 10 55
Aug. 22		
BOZ	iP	15 27 01
	iL	28 32
BUT	iP	15 27 11
EUR	e(P)	15 28 24
	i	28 36
HH	iP	15 27 47
	iL	28 50
SLC	eP	15 27 44
Aug. 22		
TUC	eP	15 33 25
Aug. 22		
TUC-T	eP	16 18 14
	e	18 19
Aug. 22		
BUT	iP	17 15 50
Aug. 22		
BOZ	iP	17 21 41
	iL	22 43
HH	iP	17 21 27
	iL	22 30

Date and Station		Phase (GCT)
		h m s
Aug. 22		
BOZ	iP	17 40 36
	iL	41 30
HH	iP	17 41 22
	iL	42 24
Aug. 22		
BOZ	iP	18 33 29
	iL	34 40
HH	iP	18 34 16
	iL	35 20
SLC	eP	18 34 12
Aug. 22		
BOZ	iP	18 57 05
	iL	58 32
EUR	eP	18 58 22
HH	iP	18 57 49
	iL	58 54
Aug. 22		
BOZ	iP	19 08 19
	iL	09 24
EUR	e(P)	19 09 49
HH	iP	19 09 16
	iL	10 27
Aug. 22		
TUC-T	eP	19 26 15
Aug. 22		
BOZ	iP	19 26 10
	iL	27 47
EUR	eP	19 27 35
HH	iP	19 26 53
	iL	27 53
RC	eP	19 27 46
	eL	29 00
SLC	iP	19 26 53
TUC-T	e(P)	19 29 49
	eL	32 36
Aug. 22		
BOZ	iP	20 16 38
	iL	17 53
Aug. 22		
BC	eP	20 31 45
TUC-T	eP	20 31 52
Aug. 22		
BC	iP	21 38 53

Date and Station		Phase (GCT)
		h m s
COL	eP	21 41 38
	i	41 46
EUR	iP	21 39 12
	i	39 21
	isP	40 18
	iPP	42 17
HH	iP	21 39 42
RC	iP	21 38 54
SJ	eP	21 34 51
TUC	iP	21 38 20
TUC-T	iP	21 38 20
	ipP	38 56
Aug. 22		
BOZ	iP	22 35 41
	iL	36 41
HH	iP	22 36 29
	iL	37 29
BOZ	iP	23 45 48
	iL	46 41
Aug. 23		
COL	eP	00 00 42
	i	00 59
Aug. 23		
SLC	eP	01 58 22
TUC	eP	02 00 40
	e	03 10
TUC-T	eP	02 00 40
	e	02 56
Aug. 23		
EUR	eP	02 57 12
Aug. 23		
COL	iP	03 14 17
TUC-T	eP	03 13 52
Aug. 23		
COL	eP	03 31 19
EUR	eP	03 37 54
TUC-T	eP	03 39 13
Aug. 23		
BOZ	iP	04 59 27
	iL	05 00 19
EUR	eP	05 00 47
HH	iP	05 00 14
	iL	01 21

Date and Station		Phase (GCT)
		h m s
Aug. 23		
COL	eP	06 53 35
Aug. 23		
BC	eP	08 18 38
BOZ	eP	08 16 05
	i	16 45
	eL	18 35
SLC	e(P)	08 16 58
	i	17 36
	iL	18 37
TUC	e(P)	08 20 12
	eL	23 08
TUC-T	e(P)	08 19 40
	e	22 22
	eL	22 52
Aug. 23		
BOZ	iP	08 29 20
	iL	30 30
EUR	e(P)	08 30 41
HH	iP	08 30 07
	iL	31 09
Aug. 23		
SJ	iP	10 42 31
	iS	42 47
	iL	42 48
Aug. 23		
EUR	eP	11 09 13
	iL	09 54
Aug. 23		
SJ	iP	13 56 06
	iS	56 39
	iL	56 41
TUC	eP	14 03 37
TUC-T	eP	14 03 35
Aug. 23		
BOZ	iP	14 37 48
	iL	39 02
EUR	e(P)	14 39 05
HH	iP	14 38 36
	iL	39 38
SLC	eP	14 38 33
Aug. 23		
BOZ	iP	14 44 55
	iL	46 07
EUR	e(P)	14 46 12

Date and Station		Phase (GCT)
		h m s
HH	iP	14 45 35
	iL	46 36
SLC	eP	14 45 48
Aug. 23		
COL	iP	15 28 43
Aug. 23		
BC	iP	16 02 46
EUR	iP	16 03 23
TUC	e(P)	16 03 36
	eL	05 21
TUC-T	eP	16 03 28
	e	04 00
	eL	05 09
Aug. 23		
BOZ	iP	16 52 43
	eL	53 31
HH	iP	16 53 31
	iL	54 36
Aug. 23		
BOZ	iP	17 20 29
	iL	21 34
EUR	eP	17 21 55
HH	iP	17 21 11
	iL	22 13
SLC	eP	17 21 28
Aug. 23		
TUC-T	e(P)	18 04 57
Aug. 23		
BOZ	iP	18 58 40
	iL	59 39
EUR	eP	18 59 59
HH	eP	18 59 27
	iL	19 00 30
SLC	eP	18 59 25
Aug. 23		
COL	eP	19 31 49
Aug. 23		
COL	iP	20 28 17
	i	28 30
EUR	eP	20 27 42
TUC	eP	20 27 42
TUC-T	iP	20 27 41
	e	27 52
Aug. 23		
BOZ	iP	21 10 22
	iL	11 41

Date and Station		Phase (GCT)
		h m s
EUR	eP	21 11 45
HH	iP	21 11 09
	iL	12 16
RC	eP	21 11 53
Aug. 23		
COL	eP	21 59 47
Aug. 23		
BOZ	eP	22 33 21
BUT	eP	22 33 23
COL	eP	22 33 19
COLU	eP	22 31 55
EUR	iP	22 33 56
HH	iP	22 33 19
RC	iP	22 32 57
SJ	iP	22 31 23
TUC	iP	22 34 05
TUC-T	iP	22 34 04
Aug. 23		
BOZ	iP	22 40 07
	iL	41 40
BUT	eP	22 40 19
EUR	eP	22 41 26
HH	iP	22 40 54
	iL	41 59
RC	eP	22 41 22
	i	41 41
	eL	42 45
SLC	eP	22 40 54
TUC	eP	22 43 44
	eL	46 28
TUC-T	e(P)	22 43 41
	eI	46 23
Aug. 23		
SLC	eP	22 48 39
Aug. 24		
EUR	eP	01 31 59
Aug. 24		
COL	eP	04 02 55
EUR	iP	04 03 31
Aug. 24		
BOZ	iP	05 59 54
	iL	06 01 13

Date and Station		Phase (GCT)
		h m s
BUT	iP	05 59 29
	iS	06 00 07
	iL	00 27
EUR	eP	06 01 14
HH	iP	06 00 43
	iL	01 48
RC	eP	06 01 09
	e	01 24
	eL	02 39
SLC	eP	06 00 19
TUC	e(P)	06 03 30
	eL	06 25
TUC-T	e(P)	06 03 09
	e	03 40
	eL	06 10
Aug. 24		
BOZ	iP	07 43 44
	e	45 29
Aug. 24		
HH	iP	08 04 27
	iL	05 34
Aug. 24		
COL	eP	08 25 21
Aug. 24		
BOZ	iP	08 27 57
	eL	29 06
EUR	e(P)	08 29 14
HH	iP	08 28 42
	iL	29 50
SLC	eP	08 28 23
Aug. 24		
EUR	eP	09 36 22
Aug. 24		
EUR	eP	10 08 02
Aug. 24		
EUR	iP	10 22 42
Aug. 24		
COL	eP	10 35 35
Aug. 24		
EUR	eP	11 58 30
Aug. 24		
RC	eP	12 27 51
Aug. 24		
COL	iP	12 35 17
	i	35 35
EUR	iP	12 39 04

Date and Station		Phase (GCT)
		h m s
HH	eP	12 38 28
RC	iP	12 39 28
	e	39 39
TUC	e(P)	12 39 59
	e	40 10
TUC-T	eP	12 39 59
Aug. 24		
TUC	eP	12 48 27
	e	48 35
TUC-T	eP	12 48 27
	i	48 36
Aug. 24		
COL	iP	12 53 06
Aug. 24		
EUR	eP	13 43 48
Aug. 24		
EUR	eP	13 52 15
Aug. 24		
COL	eP	14 01 32
EUR	iP	14 02 04
Aug. 24		
COL	iP	14 11 51
EUR	iP	14 15 36
	i	15 58
Aug. 24		
BOZ	iP	15 08 21
	iL	09 36
EUR	iP	15 09 38
	i	09 46
	e(S)	10 43
	iL	10 56
HH	iP	15 09 01
	iL	10 02
RC	eP	15 09 35
	i	10 00
	eL	11 21
SLC	eP	15 08 41
Aug. 24		
COL	iP	15 54 13
	eS	16 04 38
	e(SS)	09 48
	eL	24 45
EUR	iP	15 54 49
HONO	eP	15 50 48
HH	eP	15 55 03

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Date and Station	Phase (GCT)
	h m s
KIP eP	15 50 46
iP	
UK eP	15 54 22
Aug. 24	
COL iP	16 05 11
EUR iP	16 05 48
Aug. 24	
COL eP	16 52 37
EUR iP	16 53 12
TUC-T eP	16 53 26
Aug. 24	
BOZ iP	17 55 18
Aug. 24	
EUR eP	19 04 29
i	04 34
eL	05 54
Aug. 24	
EUR eP	19 12 45
Aug. 24	
COL iP	21 03 20
Aug. 24	
SJ eP	21 28 10
eL	28 49
Aug. 24	
BOZ iP	21 38 36
iL	39 50
BUT iP	21 38 45
EUR eP	21 39 58
i	40 06
eS	41 07
eL	41 22
HH iP	21 39 21
iL	40 22
Aug. 24	
BH ePP	21 51 19C
iSP	22 01 07
BOZ eP	21 44 28C
COL iP	21 43 18C
iS	53 53
eSS	58 48
ePKKP	22 01 42
eSSS	02 34
eL	05 48
COLU eP'	21 49 40C
eSKS	56 40
eSP	22 00 50
EUR iP	21 43 54C
iPP	47 36

Date and Station	Phase (GCT)
	h m s
GUAM e(P)	21 36 50
	37 04
HONO e(P)	21 39 43
iP	39 48
i	39 54
i	43 14
iS	47 22
i	51 00
eL	53 20
eT	22 33 32
iT	34 02
HH iP	21 44 13
ePP	48 11
eSKS	54 55
eS	55 37
eSP	56 47
eP'P'	22 09 28
eL	11 12
KIP eP	21 39 53
RC eP	21 44 44C
ePP	49 05
SLC eP	21 44 13
eS	55 01
ePPS	56 53
eSS	22 01 17
eSSS	04 53
eL	13 45
SJ iP'	21 50 13D
SIT eP	21 43 27
e	43 40
TUC eP	21 44 09D
e	45 13
iPP	48 02
eSKS	54 32
iS	55 32
iSP	56 44
eL	22 13 18
TUC-T eP	21 44 07D
ePP	48 12
eS	55 33
eSP	56 45
ePKKP	22 01 13
eL	14 24
UK iP	21 43 32C
e	44 20
e(S)	55 04
eL	22 11 14
WASH ePP	21 51 14
e	52 22
eSKKS	57 58
eSP	22 01 35
e(P'P')	09 53
Aug. 24	
EUR eP	21 52 28

Date and Station	Phase (GCT)
	h m s
Aug. 24	
COL eP	22 28 04
EUR eP	22 28 40
i	28 58
Aug. 24	
EUR eP	23 07 22
Aug. 24	
EUR eP	23 16 40
Aug. 24	
COL eP	23 37 17
EUR iP	23 37 54
Aug. 24	
EUR eP	23 42 03
Aug. 24	
BC iP	23 45 32
COL eP	23 44 57
EUR iP	23 45 32
TUC-T eP	23 45 45
Aug. 24	
BC eP	23 54 45
COL eP	23 54 09
EUR iP	23 54 44
TUC-T eP	23 54 59
Aug. 25	
BOZ eP	00 46 57
iP	47 23
EUR eP	00 48 42
e(S)	49 58
eL	50 16
RC e(P)	00 48 48
e	48 54
eL	49 51
Aug. 25	
SJ e(P)	00 50 07
e	50 13
e	53 52
Aug. 25	
EUR eP	01 03 45
Aug. 25	
EUR eP	01 17 53
Aug. 25	
EUR eP	02 16 04
Aug. 25	
COL eP	02 39 08

Date and Station	Phase (GCT)
	h m s
EUR eP	02 46 49
Aug. 25	
EUR eP	03 50 54
TUC-T eP	03 50 08
Aug. 25	
EUR eP	04 02 26
Aug. 25	
RC eP	04 12 51
Aug. 25	
BOZ eP	05 29 49
i	30 01
eL	30 36
HH iP	05 30 38
iL	31 42
Aug. 25	
EUR eP	05 47 33
Aug. 25	
COL eP	06 14 30
EUR iP	06 15 06
TUC-T e(P)	06 15 19
e	15 34
Aug. 25	
BOZ eP	06 21 05
i	21 41
eL	22 39
EUR eP	06 23 09
eL	24 37
HH eP	06 22 04
i	22 38
iL	23 30
RC eP	06 23 19
Aug. 25	
EUR eP	06 54 06
TUC e(P)	06 53 24
TUC-T eP	06 53 18
e	53 24
Aug. 25	
COL e(P)	07 18 57
Aug. 25	
COL iP	07 57 43
Aug. 25	
BOZ eP	08 12 45
eL	13 45
HH iP	08 13 34
iL	14 34

Date and Station		Phase (GCT)
		h m s
Aug. 25		
COL	iP	09 03 41
EUR	eP	09 09 33
TUC-T	eP	09 03 09
Aug. 25		
RC	eP	09 09 24
	e	09 43
TUC	eP	09 08 45
	e	08 52
TUC-T	eP	09 08 44
	i	08 53
Aug. 25		
TUC	eP	09 37 19
TUC-T	iP	09 37 19
Aug. 25		
BOZ	eP	09 55 45
	eL	56 58
HH	iP	09 56 42
	iL	57 48
Aug. 25		
COL	iP	11 56 15
	i	57 44
EUR	iP	11 55 53
TUC	iP	11 55 53
TUC-T	iP	11 55 54
Aug. 25		
COL	eP	12 09 25
Aug. 25		
BC	iP	12 36 07
	i	36 17
EUR	iP	12 36 26
HH	eP	12 36 58
	i	37 07
RC	iP	12 35 17
	i	35 26
SJ	eP	12 32 41
TUC	eP	12 35 38
TUC-T	iP	12 35 39
Aug. 25		
BOZ	iP	12 59 35
	iL	13 00 38
EUR	eP	13 00 58
BC	iP	13 53 42

Date and Station		Phase (GCT)
		h m s
COL	iP	13 52 30
	i	52 44
	i	53 14
EUR	iP	13 53 24
	i	53 39
	i	53 57
HH	eP	13 53 47
Aug. 25		
TUC-T	e(P)	14 39 02
	e	39 08
Aug. 25		
EUR	eP	16 33 34
Aug. 25		
EUR	iP	17 00 38
RC	eP	17 00 29
TUC-T	eP	16 59 49
	i	59 59
Aug. 25		
BOZ	iP	18 02 52
	iL	04 03
BUT	iP	18 03 07
HH	iP	18 03 40
	iL	04 43
RC	eP	18 03 43
	e	03 55
	eL	05 39
BC	eP	18 03 33
	e	03 45
EUR	iP	18 03 53
TUC-T	eP	19 03 04
Aug. 25		
EUR	eP	18 05 56
Aug. 25		
EUR	iP	19 50 23
Aug. 25		
EUR	iP	20 12 36
Aug. 25		
EUR	iP	20 23 49
Aug. 25		
BOZ	iP	21 08 07
	iL	09 16
HH	iP	21 08 53
	iL	09 55
Aug. 25		
COL	i(P)	22 46 29
	iP	46 37
	iS	47 40
	iL	47 51

Date and Station		Phase (GCT)
		h m s
Aug. 25		
BOZ	iP	23 12 33
	iL	13 38
EUR	eP	23 14 08
HH	iP	23 13 21
	iL	14 25
Aug. 26		
EUR	eP	00 34 06
Aug. 26		
BOZ	iP	00 40 06
	iL	41 40
EUR	eP	00 41 29
HH	iP	00 40 54
	iL	42 02
Aug. 26		
EUR	eP	01 14 00
Aug. 26		
EUR	iP	02 00 27
Aug. 26		
BOZ	iP	02 03 07
	iL	04 12
BUT	iP	02 03 19
EUR	eP	02 04 29
Aug. 26		
EUR	eP	02 32 44
Aug. 26		
COL	iP	02 41 46
	epP	42 25
EUR	iP	02 42 48
Aug. 26		
RC	eP	03 08 23
Aug. 26		
RC	eP	03 25 25
	eL	26 35
Aug. 26		
EUR	eP	04 03 42
Aug. 26		
COL	iP	05 05 23
EUR	eP	05 06 22
Aug. 26		
BC	iP	05 33 26
	i	33 33
	iS	34 03
EUR	iP	05 34 13
	i	34 31
	e(S)	35 27
	iL	35 42

Date and Station		Phase (GCT)
		h m s
TUC	eP	05 34 08
	e	34 17
	e	34 28
	e(S)	35 30
	eL	35 32
TUC-T	eP	05 34 06
	i	34 09
	i	34 28
	iL	35 34
Aug. 26		
COL	eP	05 49 01
Aug. 26		
EUR	eP	06 26 35
Aug. 26		
BH	iP	08 29 33C
	iS	32 54
BC	iP	08 31 02C
	i	34 47
	eL	36 52
BOZ	iP	08 31 50C
	iPP	33 05
	i	36 02
	eL	39 37
BUT	iP	08 31 57C
COL	iP	08 35 29C
	e	36 34
	eS	43 43
	eScS	45 38
	eL	56 14
	eP'P'	09 05 03
COLU	eP	08 30 05D
EUR	iP	08 31 28C
HONO	eP	08 35 36C
	eS	43 48
	eSS	47 56
	eL	50 40
HH	iP	08 32 18C
	iPP	33 30
	ePcP	34 49
	eS	38 08
	eL	40 11
	iP'P'	09 05 17
KIP	iP	08 35 38C
RC	iP	08 31 15C
	eS	36 22
	eL	39 33
	e(P'P')	09 03 54
	e	04 06
SLC	iP	08 31 18C
	eS	36 16
	eL	42 20

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

Date and Station		Phase (GCT)
		h m s
TUC	eP	08 06 19
TUC-T	iP	08 06 19
Aug. 27		
BOZ	iP	08 31 14
	iL	32 16
HH	iP	08 32 03
	iL	33 05
Aug. 27		
BOZ	iP	08 37 47
	iL	38 37
EUR	eP	08 39 06
HH	iP	08 38 35
	iL	39 40
SLC	eP	08 38 31
Aug. 27		
BC	eP	08 49 43
EUR	eP	08 48 57
TUC	eP	08 47 46
TUC-T	iP	08 47 46
	i	47 53
Aug. 27		
EUR	eP	09 15 36
Aug. 27		
BC	eP	09 37 00
Aug. 27		
BC	iP	09 51 47
COL	iP	09 56 15
	i	57 06
COLU	eP	09 50 51
EUR	iP	09 52 14
TUC	iP	09 50 58
TUC-T	iP	09 50 58
	e	57 08
Aug. 27		
COLU	eP	09 54 07
Aug. 27		
EUR	iP	10 19 02
Aug. 27		
BC	eP	10 38 01
	i	39 06
Aug. 27		
BC	iP	12 01 58
	e	04 47

Date and Station		Phase (GCT)
		h m s
BOZ	iP	11 59 56
	iL	12 01 11
BUT	iP	12 00 09
EUR	eP	12 01 19
HH	iP	12 00 44
	iL	01 46
RC	eP	12 01 11
	e	01 26
	eL	02 31
SLC	eP	12 00 45
TUC-T	e(P)	12 02 32
	e	03 36
	eL	06 18
Aug. 27		
EUR	eP	12 26 43
Aug. 27		
BC	eP	13 36 59
COL	eP	13 36 35
	eL	41 30
EUR	eP	13 36 17
HH	e(P)	13 38 13
RC	eP	13 37 09
TUC	eP	13 37 53
TUC-T	eP	13 37 53
Aug. 27		
BC	iP	13 49 40
EUR	eP	13 49 57
TUC	eP	13 49 17
	e	49 34
TUC-T	eP	13 49 16
	i	49 23
Aug. 27		
COL	iP	14 58 49
	i	59 31
EUR	iP	15 02 22
	ipP	03 06
Aug. 27		
KIP	e(P)	17 17 26
Aug. 27		
SJ	e(P)	20 58 34
	e	21 00 23
Aug. 27		
BOZ	iP	22 39 47
	iL	40 57

Date and Station		Phase (GCT)
		h m s
EUR	iP	22 41 00
HH	iP	22 40 33
	iL	41 42
RC	eP	23 35 27
	e	35 38
	eL	36 45
Aug. 27		
BOZ	iP	23 34 13
	iL	35 43
BUT	iP	23 34 24
EUR	iP	23 35 08
HH	iP	23 34 59
	iL	36 05
SLC	eP	23 35 07
	e	36 04
Aug. 27		
BOZ	iP	23 55 28
	iL	56 28
EUR	e(P)	23 57 02
HH	iP	23 56 13
	iL	57 14
Aug. 28		
BOZ	iP	00 00 53
	iL	01 41
HH	iP	00 01 40
	iL	02 45
Aug. 28		
COL	eP	00 05 10
BOZ	iP	01 43 48
	iL	45 01
EUR	eP	01 45 05
HH	iP	01 44 30
	iL	45 31
Aug. 28		
BC	iP	01 53 57
	iP'	53 44
	iS'	54 30
EUR	iP	01 53 17
TUC	e(P)	01 55 20
	e	55 32
	eL	57 21
UK	eP	01 54 09
	e	54 52
Aug. 28		
BC	iP	02 07 29
	i	07 47

Date and Station		Phase (GCT)
		h m s
BOZ	eP	02 07 11
COL	iP	02 03 45
COLU	eP	02 09 32
EUR	iP	02 07 17
HH	iP	02 06 47
RC	iP	02 07 44
	i	07 48
TUC	eP	02 08 09
Aug. 28		
COL	iP	02 49 20
EUR	iP	02 50 05
GUAM	iP	02 42 25
Aug. 28		
EUR	eP	04 31 31
Aug. 28		
EUR	eP	06 02 22
Aug. 28		
BOZ	iP	04 31 11
	iL	32 21
HH	iP	04 31 59
	iL	33 01
TUC	eP	04 31 39
Aug. 28		
COL	eP	05 59 18
Aug. 28		
COL	iP	07 32 18
EUR	iP	07 29 30
RC	eP	07 29 10
TUC	e(P)	07 28 34
Aug. 28		
COL	iP	07 34 51
Aug. 28		
COL	e(P)	08 00 46
COLU	eP	07 54 45
EUR	eP	07 58 20
SJ	eP	07 50 53
	e	51 02
	i	52 25
Aug. 28		
COL	i(P)	09 21 18
Aug. 28		
EUR	eP	09 45 39

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

Date and Station		Phase (GCT)
		h m s
WASH	iP	17 16 06
	iPP	19 40
	eS	26 57
	eL	44 52
Aug. 29		
EUR	eP	21 16 37
Aug. 29		
BC	iP	21 33 35
COL	eP	21 33 24
EUR	eP	21 33 35
Aug. 29		
BOZ	iP	22 05 02
	iL	06 14
HH	iP	22 05 52
	iL	06 57
Aug. 30		
EUR	eP	00 19 27
Aug. 30		
EUR	eP	00 48 54
Aug. 30		
EUR	iP	01 43 15
HH	iP	01 42 52
Aug. 30		
COL	eP	03 05 44
EUR	eP	03 06 24
Aug. 30		
COL	eP	03 10 38
HH	e(P)	03 09 17
	eL	12 25
RC	e(P)	03 11 10
TUC	eP	03 11 48
Aug. 30		
BC	eP	03 37 37
COL	eP	03 36 44
COLU	eP	03 35 19
EUR	eP	03 37 21
HH	eP	03 36 43
RC	eP	03 36 23
SJ	eP	03 34 47
TUC	iP	03 37 30
	i	37 44
TUC-T	iP	03 37 29
	i	37 43

Date and Station		Phase (GCT)
Aug. 30		h m s
TUC	eP	04 01 13
Aug. 30		
COL	iP	04 17 07
Aug. 30		
COLU	eP	05 06 17
EUR	iP	05 05 38
Aug. 30		
EUR	eP	07 46 09
Aug. 30		
BOZ	eP	07 44 46
	iS	45 36
	iL	46 15
EUR	eP	07 46 58
RC	eP	07 47 10
	eL	47 23
SIC	eP	07 46 25
Aug. 30		
BOZ	iP	08 58 24
	iL	59 25
EUR	eP	08 59 49
HH	iP	08 59 12
	iL	09 00 12
RC	eP	08 59 58
	eL	09 01 07
Aug. 30		
BC	iP	09 18 56
Aug. 30		
BOZ	iP	09 34 37
	iL	35 33
BUT	eP	09 34 50
RC	eP	09 36 04
Aug. 30		
EUR	eP	11 10 14
TUC	eP	11 09 19
Aug. 30		
BC	iP	11 35 22
COL	iP	11 35 56
EUR	iP	11 35 27
TUC	iP	11 35 26
TUC-T	iP	11 35 26
Aug. 30		
BOZ	iP	13 02 38
	iL	03 44

Date and Station		Phase (GCT)
		h m s
HH	iP	13 03 19
	iL	04 20
Aug. 30		
BC	iP	13 13 28
EUR	iP	13 14 08
TUC	iP	13 12 30
TUC-T	iP	13 12 31
Aug. 30		
BC	iP	13 51 00
COL	iP	13 44 40
	iS	45 02
	iL	45 06
EUR	iP	13 50 29
HH	iP	13 49 29
RC	eP	13 50 41
TUC	eP	13 51 41
TUC-T	eP	13 51 41
Aug. 30		
EUR	eP	13 53 54
HH	e(P)	13 56 43
	e	57 37
Aug. 30		
EUR	iP	14 45 21
Aug. 30		
COL	iP	14 48 17
EUR	iP	14 51 42
Aug. 30		
COL	eP	16 27 01
EUR	eP	16 26 26
GUAM	iP	16 18 17
	iS	18 29
HH	e(P)	16 25 47
	e	28 31
RC	eP	16 27 25
TUC	eP	16 28 06
TUC-T	eP	16 28 05
Aug. 30		
COL	e(P)	16 34 12
EUR	iP	16 34 25
Aug. 30		
TUC	e(P)	16 55 25
	e	55 39

Date and Station		Phase (GCT)
		h m s
TUC-T	e(P)	16 55 20
	e	55 29
Aug. 30		
GUAM	iP	17 13 17
	iS	13 25
Aug. 30		
COL	iP	19 01 53
EUR	eP	19 01 52
TUC-T	e(P)	19 01 55
Aug. 30		
COL	e(P)	19 46 38
Aug. 30		
EUR	eP	21 15 55
Aug. 30		
COL	eP'	22 04 49
	e	06 10
EUR	eP'	22 05 22
	i	06 27
	i	07 57
HH	eP'	22 06 20
	e	07 44
	ePP	10 11
RC	eP'	22 05 26
	e	06 53
	ePP	10 42
SJ	eP'	22 04 43
	e	06 28
TUC	eP'	22 05 25
	e	07 01
TUC-T	eP'	22 05 24
	iP'	05 27
WASH	eP'	22 05 31
Aug. 30		
COL	iP	23 08 43
Aug. 30		
BC	eP	23 49 19
COL	iP	23 45 35
	i	46 10
EUR	eP	23 48 59
HH	iP	23 48 17
RC	eP	23 48 54
TUC	eP	23 49 41
TUC-T	iP	23 49 41

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

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Date and Station	Phase (GCT)
	h m s
Local and Minor Earthquakes	
Aug.	
COL	
1	12.8
	13.2
	23.4
2	01.6
	15.5
3	02.6
	05.8
4	15.3
	21.1
6	01.8
7	05.3
11	00.6
12	06.7
16	20.3
	23.2
17	02.8
18	19.6
	19.7
	23.2
19	04.3
20	07.8
22	05.2
23	11.4
	13.8
24	17.4
26	14.1
27	02.7
31	18.8
Aug.	
EUR	
5	01.0
	23.3
6	02.6
10	08.9
23	08.3
25	02.9
	10.6
	13.4
28	19.3
29	04.3
	11.2
31	12.7
Aug.	
HONO	
5	03.3
Aug.	
KIP	
5	03.3
Aug.	
RC	
18	12.1
	13.0
	14.6
	14.7
	17.0
	17.4
	17.5
	18.1

Date and Station	Phase (GCT)
	h m s
RC	
18	20.8
	21.3
	21.4
	21.6
	23.4
	23.8
19	00.0
	00.8
	01.0
	02.5
	03.2
	06.2
	06.6
	06.9
	07.2
	07.4
	08.0
	09.1
	09.5
	11.3
	11.4
	13.1
	13.7
	13.8
	14.5
	16.4
	16.9
	17.4
	17.9
	18.2
	18.5
	19.0
	22.1
	23.1
20	00.7
	01.7
	02.5
	03.6
	04.4
	05.4
	05.6
	06.1
	07.2
	07.3
	08.6
	09.7
	10.6
	14.4
	15.1
	19.0
	20.8
	21.2
	22.1
	22.5
	23.0
	23.8
	00.0
	01.8
	02.1
	02.4
	05.5
	08.2
	09.1
	09.2
	09.5
	10.7

Date and Station	Phase (GCT)
	h m s
RC	
20	11.0
	11.5
	11.6
	14.9
	16.4
	17.9
	19.2
	19.5
	19.9
	23.9
22	05.8
	06.1
	07.0
	08.2
	08.6
	10.7
	13.7
	15.5
	17.4
	18.6
	19.2
	19.5
	20.3
	22.6
	23.8
23	01.9
	02.0
	08.3
	08.5
	11.0
	12.4
	14.6
	15.8
	16.9
	17.4
	19.0
24	00.8
	07.6
	08.5
	15.5
	19.1
	21.7
	23.1
26	00.5
	00.7
	01.6
	02.1
27	08.5
	08.6
	23.7
28	01.7
	04.5
	09.8
Aug.	
SJ	
1	13.2
	21.6
	22.4
2	15.2
3	06.2
5	08.7
9	08.5
10	01.9
	19.8
11	08.9
	10.9

Date and Station	Phase (GCT)
	h m s
SJ	
11	15.5
12	02.9
15	09.0
	09.8
	14.9
16	08.2
18	06.5
25	09.9
	10.5
	12.0
26	14.3
27	06.1
	07.3
Aug.	
SIT	
9	09.7
21	00.0
Aug.	
TUC	
1	10.3
2	11.1
4	06.6
	08.1
7	00.3
8	02.4
	07.3
9	05.2
10	10.5
13	03.7
14	08.1
	21.5
15	23.5
16	02.6
	04.1
	06.4
	13.9
	16.1
	16.8
	21.7
	22.7
17	00.8
	03.6
	11.9
19	09.3
20	03.2
21	10.7
	11.4
	14.2
	14.3
22	07.1
	12.0
26	05.3
	05.9
	07.2
	12.1
27	04.9
	09.6
	10.6
Aug.	
UK	
3	17.4
8	16.1
	23.3

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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
Aug.							
UK							
21	10.9						
23	19.1						
26	07.1						
	19.8						