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U. S. COAST & GEODETIC SURVEY
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SEISMOLOGICAL BULLETIN

February, 1955

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U. S. DEPARTMENT OF COMMERCE

Sinclair Weeks, Secretary

COAST AND GEODETIC SURVEY—WASHINGTON

R. F. A. Studds, 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
*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
Honolulu, T. H. (HONO)
*Hungry Horse, Mont. (HHI)
Bureau of Reclamation
*Lincoln, Nebr. (LIN)
Nebraska Wesleyan University
**Logan, Utah (LOG)
Utah State Agricultural College
*Montezuma, Chile (MONT)
Smithsonian Institution
Nelson, Nev. (NEL)
**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 U. S. Coast and Geodetic Survey.
**Indicates a station operating on an independent basis.
Other stations are observatories of the U. S. 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 indicate 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 U. S. Coast and Geodetic Survey, except those from Balboa Heights, Burlington, and Logan 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; Utah State Agricultural College, Logan, Utah.

Date 1955	Origin Time G. C. T.	Lat.		Long.		Region, Focal Depth, and Remarks
Feb.	h m s	° '		° '		
1	19 16 02*	42	N.	142½	E.	Off south coast of Hokkaido, Japan.
1	20 19 45*	25	N.	142	E.	Volcano Islands.
2	07 22 32*	22	S.	176	W.	Tonga Islands. Felt at Nukualoa. h about 100 km.
2	22 11 18*	44	N.	128½	W.	Oregon foreshock.
3	03 10 16*	44½	N.	128	W.	Do.
3	09 07 52**					Do.
3	12 22 41*	44	N.	128½	W.	Do.
3	12 34 52**					Do.
3	12 41 24*	44	N.	128½	W.	About 200 miles off coast of Oregon. Mag. 5.3.
4	07 21 49*	17	S.	67	E.	Mascarene Islands region.
4	09 04 39*	70	N.	15	W.	Jan Mayen Island region.
5	05 42 14*	47	N.	154	E.	Kurile Islands.
5	09 17 00**					Do.
5	14 09 05**					Off coast of Kamchatka.
5	20 41 51*	46½	N.	153	E.	Kurile Islands.
5	21 46 32*	47	N.	153	E.	Do.
6	00 55 32*	71	N.	13½	W.	Jan Mayen Island foreshock.
6	02 27 53*	71	N.	13½	W.	Jan Mayen Island region.
6	04 34 55**					Near south coast of Sumatra.
6	10 05 45**					Sandwich Islands region.
6	10 45 30**					South Pacific Ocean, about 750 miles off coast of Chile.
6	14 51 53**					Western Sinkiang province, China.
6	18 17 05*	50½	N.	180		Andreanof Islands, Aleutian Islands.
6	21 04 43*	16½	S.	179	W.	Fiji Islands. h about 550 km.
6	22 35 48**					100 miles off southeast coast of Kamchatka.
7	00 10 58*	44	N.	146½	E.	Southern Kurile Islands.
7	13 49 00**					Near Cape Mendocino, California.
7	16 50 42*	3½	S.	81	W.	Near coast of northern Peru.
7	17 46 15**					Sonora, Mexico.
7	19 56 40*	34½	N.	141	E.	Near coast of Honshu, Japan.
8	04 12 10*	20	S.	62½	W.	Southern Bolivia. h about 600 km. Mag. 5-3/4.
8	05 49 00*	1/2	S.	92	W.	Galapagos Islands.
8	14 19 03**					About 250 miles west of Easter Island.

Date 1955	Origin Time G. C. T.	Lat.		Long.		Region, Focal Depth, and Remarks
Feb.	h m s	° '		° '		
8	15 43 07**					Near south coast of Honshu, Japan.
8	19 36 32**					Off coast of Alaska Peninsula.
9	10 35 24*	33	N.	83	E.	Tibet.
10	00 03 21*	50	N.	156	E.	Northern Kurile Islands. h about 60 km.
10	04 06 12*	11½	S.	77½	W.	Near coast of Peru. Minor damage near Lima. Slightly deeper than normal.
10	09 36 41**					Tonga Islands.
11	02 57 00*	17	N.	95	W.	Oaxaca, Mexico. h about 100 km.
11	04 30 30**					Kermadec Islands region.
11	12 06 03**					Northern Chile. h about 100 km.
11	16 12 33*	39½	N.	118	W.	Near Fallon, Nevada. Mag 4.7 (Berk).
12	00 59 45**					Pakistan foreshock. Felt at Quetta.
12	04 27 22**					About 350 miles south of Fiji Islands. h about 600 km.
12	19 03 08*	21	S.	171	E.	New Hebrides Islands region. h about 100 km.
13	17 16 55*	56	N.	160½	E.	Central Kamchatka. h about 200 km.
14	15 27 48*	54	N.	169	E.	Komandorski Islands region.
14	16 53 09*	2	N.	126½	E.	Molucca Passage. Mag. 6-1/4.
14	19 27 04*	3	N.	126½	E.	Molucca Passage.
15	06 20 18*	13½	S.	166½	E.	New Hebrides Islands. h about 60 km.
15	06 21 22*	14	S.	166½	E.	New Hebrides Islands. h about 60 km.
15	10 15 00**					Hindu Kush.
15	18 41 53**					New Hebrides Islands. h about 60 km.
16	11 29 54*	7	S.	130	E.	Banda Sea. h about 150 km.
17	08 48 34*	4	S.	79	W.	Ecuador.
17	19 30 42*	38½	N.	13½	E.	Near north coast of Sicily.
17	19 57 00**					About 100 miles off south coast of Puerto Rico.
18	08 06 41*	19	N.	68	W.	Off northeast coast of Dominican Republic. h about 100 km.
18	22 48 33*	30½	N.	67	E.	Pakistan. Many killed and moderate property damage in Quetta area.
19	03 44 28*	20½	S.	65	W.	Bolivia. h about 250 km.
19	10 33 00**					Central Ecuador.
19	15 21 40*	12	N.	125	E.	Samar, Philippine Islands. Felt.
20	00 52 20*	15½	N.	121	E.	Luzon, Philippine Islands.
20	12 17 21*	52½	N.	178½	E.	Rat Islands, Aleutian Islands. h about 100 km.
20	20 14 46*	5	S.	152	E.	New Britain.
21	18 43 48*	49	N.	153	E.	Kurile Islands.

Date 1955	Origin Time G. C. T.	Lat.		Long.		Region, Focal Depth, and Remarks
Feb.	h m s	° ′		° ′		
21	19 46 40**					Near east coast of Greece. Several casualties and moderate property damage at Volos.
21	23 14 45*	40½	N.	24	W.	Azores Islands.
22	14 48 26*	25½	N.	122½	E.	Off northeast coast of Formosa.
23	04 57 11*	20	S.	175½	W.	Tonga Islands. h about 250 km.
23	08 36 22*	23	S.	179	E.	Fiji Islands region. h about 600 km.
23	11 41 02*	18	S.	178	W.	Fiji Islands. h about 600 km.
23	18 31 45*	34	S.	54½	E.	Indian Ocean.
23	20 01 30*	32	N.	141	E.	South of Honshu, Japan.
23	23 13 30*	28	N.	85½	E.	Nepal.
24	09 15 06*	44½	N.	148½	E.	Kurile Islands. h about 60 km.
24	12 15 24**					Southern Kurile Islands.
24	15 15 19**					Nepal.
26	00 31 14*	0		102	E.	Sumatra.
26	02 52 04*	54	N.	163½	W.	Near south coast of Unimak Island.
27	10 32 28**					Northern Kurile Islands.
27	16 36 59*	7½	N.	42½	W.	Atlantic Ocean.
27	19 20 38**					Off south coast of Honshu, Japan.
27	20 43 24*	27½	S.	176	W.	Kermadec Islands region. Felt at Raoul Island, Tolaga Bay, and Wellington, New Zealand. Mag. 8.
28	00 16 44*	27½	S.	176	W.	Kermadec Islands aftershock.
28	00 58 39*	52	N.	174	W.	Andreanof Islands, Aleutian Islands.
28	03 02 11**					Kermadec Islands region.
28	05 09 47**					Near southeast coast of Kamchatka.
28	20 42 31*	11	S.	66½	E.	Indian Ocean.

Correction: January Bulletin 1955 - January 11, 00 35 58* 20 S., 79½ W. Northern Chile. Felt at Antofagasta should read Longitude 69½ W.

Date and Station		Phase	(GCT) h m s
Feb. 1			
HH		eP	00 10 51
Feb. 1			
HH		i(P)	00 51 59
Feb. 1			
TUC		eP	03 22 17
Feb. 1			
HH		e(P)	05 15 56
NEL		eP	05 14 00
TUC		eP	05 13 01
Feb. 1			
BC		eP	07 40 22
COL		iP	07 44 11
HH		eP	07 41 21
NEL		eP	07 40 15
Feb. 1			
COL		eP	09 16 09
Feb. 1			
COL		eP	10 11 55
Feb. 1			
COL		eP	10 23 14
Feb. 1			
HH		e(P)	11 53 00
Feb. 1			
NEL		eP	12 10 49
Feb. 1			
COL		eP	12 36 44
Feb. 1			
HH		e(P)	12 53 58
		eL	55 33
Feb. 1			
BUT		e(P)	13 19 10
COL		iP	13 22 22
HH		e(P)	13 24 23
		i	24 37
Feb. 1			
BOZ		eP	14 16 43
HH		eP	14 17 05
NEL		iP	14 15 11
SLC		e(P)	14 15 56
TUC		eP	14 14 14
		eS	16 52
		eL	18 00
Feb. 1			
COL		eP	14 48 17
Feb. 1			
COL		iP	15 04 33
Feb. 1			
COL		eP	15 30 09
Feb. 1			
TUC		e(P)	15 49 18
		eL	53 05
Feb. 1			
COL		eP	16 15 53
Feb. 1			
COL		iP	18 26 31
Feb. 1			
COL		iP	18 44 58
		i	46 06
Feb. 1			
BC		iP	19 27 50.3
		i	28 02.3
		i	28 36.8
BOZ		eP	19 27 25
		i	27 41
BUT		eP	19 27 19
COL		iP	19 24 19
		i	24 34
		i	24 57
		eS	30 45
		eL	34 10
HH		iP	19 27 04.5
		eP'P'	55 19
		e	55 41
LOG		eP	19 27 40
MONT		eP'	19 35 50
NEL		iP	19 27 51.1
SLC		eP	19 27 41
TUC		eP	19 28 21
		e(S)	38 10
		eL	53 55
Feb. 1			
BC		iP	20 32 22.3
COL		eP	20 29 52
HH		iP	20 31 57
		i	32 24
MONT		eP'	20 39 34
NEL		iP	20 32 22.6
Feb. 1			
HH		i(P)	20 54 47
		e	55 25
Feb. 2			
HH		eP	03 21 03
Feb. 2			
TUC		e(P)	04 50 24
Feb. 2			
HH		eP	06 25 50
Feb. 2			
BC		iP	07 34 46.2
BOZ		iP	07 35 25
		e	36 34
BUT		iP	07 35 21
		ePP	38 50
COL		iP	07 35 23
HH		iP	07 35 22
		e	38 54
LOG		eP	07 35 11
		ePP	38 36
MONT		eP	07 35 54
NEL		iP	07 34 45.0
SLC		eP	07 35 09
TUC		iP	07 34 50
		eL	59 50
Feb. 2			
HH		e(P)	07 49 39
Feb. 2			
COL		iP	10 21 13
HH		e(P)	10 17 36
Feb. 2			
COL		iP	10 26 39
HH		iP	10 30 45
		i	30 58
Feb. 2			
COL		eP	12 20 13
Feb. 2			
BOZ		eP	14 51 45
HH		e(P)	14 51 24
		e	51 32
		e	52 01
MONT		iP	14 46 11
		i	47 16
TUC		eP	14 50 24
Feb. 2			
BC		iP	15 40 49.8
BUT		iP	15 39 37
COL		iP	15 37 47
HH		eP	15 39 21
TUC		eP	15 41 09
Feb. 2			
HH		e(P)	16 50 45
Feb. 2			
HH		eP	17 55 45
Feb. 2			
HH		e(P)	19 06 43
Feb. 2			
COL		iP	21 53 44
Feb. 2			
HH		e(P)	22 09 39
Feb. 2			
BC		eP	22 14 32
BUT		eP	22 14 11
COL		eP	22 14 34
		i	16 32
HH		eP	22 13 57
		eL	17 00
LOG		eP	22 14 23
NEL		iP	22 14 31.9
Feb. 2			
COL		iP	23 13 08
Feb. 3			
COL		eP	01 45 20
Feb. 3			
HH		e(P)	02 00 03
Feb. 3			
NEL		eP	03 07 56
Feb. 3			
BC		eP	03 13 26
		i	14 18.5
		i(S)	15 36.5
BOZ		e(P)	03 13 16
		e	14 10
		eL	16 45
BUT		e(P)	03 13 02
COL		eP	03 15 25
		iPP	16 22
		e(S)	19 07
		iL	20 20
HH		eP	03 12 50
		i	13 29
		e	13 52
		eS	14 48

Date and Station		Phase (GCT)
		h m s
HH	e	03 15 34
	eL	16 07
NEL	iP	03 13 26.2
	i	14 21.0
	i	15 23.0
	i	18 28.0
LOG	eP	03 13 12
	e	14 15
	eL	19 36
RC	i(P)	03 14 27
SLC	e(P)	03 13 34
	e	14 25
TUC	eP	03 14 27
	e(S)	17 51
	eL	20 05
Feb. 3		
HH	e(P)	03 30 15
NEL	eP	03 30 55
Feb. 3		
HH	e(P)	04 56 40
Feb. 3		
BOZ	eP	06 32 03
HH	eP	06 31 57
Feb. 3		
HH	eP	07 22 17
Feb. 3		
BC	eP	09 11 03
BOZ	eP	09 10 54
	eL	15 21
BUT	eP	09 10 44
COL	eP	09 13 04
	ePcP	16 48
HH	eP	09 10 33
	eL	13 27
LOG	eP	09 10 59
NEL	eP	09 11 05
	i	11 16.7
RC	eP	09 12 12
TUC	eP	09 12 06
Feb. 3		
BC	eP	12 25 54
BOZ	eP	12 25 49
	i	26 09
	eL	29 09
BUT	eP	12 25 35

Date and Station		Phase (GCT)
		h m s
HH	eP	12 25 20
	e	25 23
	e(S)	27 26
	eL	28 13
NEL	iP	12 25 55.1
LOG	e(P)	12 25 47
	eL	30 11
RC	eP	12 27 01
SLC	eP	12 25 56
TUC	eP	12 26 56
	i	27 04
Feb. 3		
BC	eP	12 38 07
	i	38 18.6
BOZ	eP	12 37 56
COL	iP	12 40 04
	e	43 49
	e	43 54
HH	eP	12 37 30
	eL	40 02
NEL	eP	12 38 05
	iP	38 11.1
LOG	eP	12 37 59
RC	eP	12 39 08
TUC	eP	12 39 09
Feb. 3		
BC	eP	12 44 35
	i	44 52.6
	i	46 09.3
	eL	48 35
BOZ	eP	12 44 25
	i	44 47
	eL	47 07
BUT	eP	12 44 10
	i	44 16
	eL	46 50
COL	iP	12 46 38
	i(S)	50 28
	eL	51 02
HH	iP	12 44 04
	eL	46 27
LOG	eP	12 44 28
	eL	47 36
NEL	iP	12 44 38.1
	i	46 27.9
PHIL	e	12 48 (44)
	eS	55 (12)
	eL	57 (21)

Date and Station		Phase (GCT)
		h m s
RC	iP	12 45 41
	i	47 10
	eS	49 10
	eL	50 19
SLC	eP	12 44 28
	i	44 33
	e(S)	46 43
	eL	46 52
SJ	iP	12 51 24
TUC	iP	12 45 39
	iL	49 15
UK	e	12 43 05
	eL	44 00
WASH	eP	12 48 48
	ePP	50 15
	eL	13 05 25
Feb. 3		
BC	eP	13 54 58
NEL	eP	13 54 53
Feb. 3		
HH	eP	16 22 53
Feb. 3		
BOZ	e(P)	18 32 28
	eS	35 09
COL	iP	18 37 40
HH	e(P)	18 33 08
	eL	35 27
LOG	e(P)	18 32 12
	eL	33 20
NEL	eP	18 31 36
	i	31 51
SLC	e(P)	18 31 52
	e	32 07
	eL	33 11
TUC	eP	18 35 08
Feb. 3		
HH	e(P)	21 00 34
Feb. 3		
COL	iP	21 25 23
Feb. 4		
COL	iP	03 47 24
Feb. 4		
COL	eP	05 20 21
HH	e(P)	05 23 14
	e	23 30
NEL	eP	05 24 19
	e	25 05

Date and Station		Phase (GCT)
		h m s
Feb. 4		
BC	eP'	07 41 54
	i	42 37.1
	i	46 21.5
BOZ	iP'	07 41 41
	iPP	45 30
BUT	eP'	07 41 38
	i	[illegible]
	ePP	[illegible]
	ePKS	46 05
COL	eP'	07 40 54
	ePP	42 44
COLU	eP'	07 41 32
	iP'	41 34
HH	eP'	07 41 27
	iP'	41 37
	iPP	45 11
LOG	eP'	07 41 48
MONT	eP'	07 40 49
	ePP	42 15
NEL	iP'	07 41 54.5
	i	42 38.0
	ePP	46 24
RC	eP'	07 41 49
SLC	eP'	07 41 48
	i	42 16
	ePP	45 52
TUC	eP'	07 41 58
	e	43 00
	ePP	46 38
	iPP	46 41
	eL	08 46 00
WASH	eP'	07 41 25
Feb. 4		
NEL	iP	07 46 24.5
Feb. 4		
COL	eP	09 12 28
HH	eP	09 13 24
TUC	eP	09 15 01
Feb. 4		
COL	iP	10 11 38
Feb. 4		
HH	eP	10 34 20
Feb. 4		
BC	iP	13 34 54.4
HH	iP	13 35 45
MONT	iP	13 25 42

8.42974.

Date and Station		Phase	(GCT)
			h m s
MONT	i	13	25 55
	i		26 20
	iL		26 50
NEL	iP	13	34 53.8
	e		35 39
Feb. 4 BC	eP	14	03 45
BOZ	eP	14	04 10
BUT	eP	14	04 17
HH	e(P)	14	04 36
NEL	iP	14	03 42.6
SJ	eP	13	59 02
TUC	eP	14	03 06
Feb. 4 COL	iP	14	29 42
Feb. 4 NEL	eP	15	30 02
Feb. 4 HH	e(P)	17	21 45
	e		21 53
SJ	iP	17	17 28
Feb. 4 COL	eP	18	59 43
Feb. 4 COL	eP	19	10 41
Feb. 4 BOZ	eP	19	25 18
Feb. 4 NEL	eP	21	21 52
Feb. 5 BC	eP	05	53 16
BOZ	eP	05	52 35
COL	iP	05	49 15
HH	eP	05	52 11
NEL	eP	05	53 15
	e		53 50
Feb. 5 NEL	eP	06	11 41
Feb. 5 BC	eP	09	25 58
COL	iP	09	24 25
NEL	eP	09	25 40
			h m s
Feb. 5 BC	eP	09	28 24
HH	iP	09	27 19
NEL	eP	09	28 21
Feb. 5 COL	eP	11	12 44
Feb. 5 COL	eP	11	58 24
Feb. 5 TUC	eP	12	15 49
	i(S)		16 38
	i		17 02
	iL		17 32
Feb. 5 BC	iP	14	18 12.1
BOZ	eP	14	17 39
BUT	e(P)	14	17 31
COL	iP	14	14 03
HH	iP	14	17 14
	i		18 35
NEL	iP	14	18 13.4
SLC	iP	14	18 00
TUC	iP	14	18 45
Feb. 5 HH	i(P)	15	15 48
Feb. 5 NEL	iP	15	23 59.4
Feb. 5 COL	eP	15	37 58
Feb. 5 COL	eP	16	06 28
HH	eP	16	08 45
Feb. 5 NEL	eP	16	33 59
Feb. 5 HH	i(P)	17	14 25
Feb. 5 HH	e(P)	17	36 36
Feb. 5 HH	eP	18	40 02
	e		42 28
Feb. 5 COL	iP	18	53 21
Feb. 5 COL	iP	18	59 40
			h m s
Feb. 5 BC	iP	20	52 42.6
BOZ	iP	20	52 17
BUT	eP	20	52 10
	i		52 25
COL	iP	20	48 58
	iS		54 41
	eL		56 33
COLU	eS	21	04 52
	eL		23 15
HH	iP	20	51 55
	e	21	19 23
MONT	e(P)	21	01 20
NEL	iP	20	52 43.8
	i		52 47.7
TUC	eP	20	53 13
	eS	21	02 36
	eL		16 32
Feb. 5 BC	iP	21	57 21.0
BOZ	eP	21	57 05
COL	eP	21	53 37
	i		53 50
HH	eP	21	56 34
NEL	iP	21	57 23.5
	i		57 31.9
TUC	eP	21	58 04
Feb. 5 COL	eP	21	58 39
Feb. 6 HH	eP	00	11 38
Feb. 6 HH	iP	00	21 35
Feb. 6 NEL	eP	00	26 36
Feb. 6 BC	eP	01	05 43
BOZ	e(P)	01	04 30
BUT	e(P)	01	04 30
COL	eP	01	03 16
HH	eP	01	04 15
NEL	iP	01	05 43.4
TUC	eP	01	05 56
			h m s
Feb. 6 NEL	eP	01	51 54
	e		52 01
TUC	eP	01	52 02
Feb. 6 BC	iP	02	38 00.8
BOZ	iP	02	36 49
	i		37 01
	i		38 10
BUT	iP	02	36 49
	i		37 02
	i		37 12
	ePP		38 43
CHI	eP	02	36 18
	ePP		38 12
	eS		43 03
	eSS		46 20
	eL		49 59
COL	iP	02	35 37
	i		35 42
	iPP		37 15
	iS		41 55
	iScS		45 25
	eL		47 28
COLU	iP	02	36 54
	iS		44 16
	eScS		47 08
	eL		50 00
HH	iP	02	36 36
	ePP		38 27
NEL	iP	02	38 01.3
RC	e(P)	02	36 41
	ePP		38 34
	eL		51 23
SLC	eP	02	37 23
	eS		44 59
	eSS		48 59
	eL		50 29
TUC	iP	02	38 15
	ePPP		41 56
	eS		46 47
	eSS		50 30
	eL		57 43
WASH	i(P)	02	36 37
	i		38 05
Feb. 6 HH	e(P)	02	51 07
Feb. 6 BC	eP	03	07 18
NEL	eP	03	07 17

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Date and Station		Phase (GCT)
		h m s
Feb. 6		
HH	eP	04 53 56
	i	54 04
MONT	eP	04 54 53
NEL	eP	04 54 06
	e	54 20
	e	57 40
Feb. 6		
BC	eP	05 53 50
COL	iP	05 58 04
NEL	iP	05 53 48.2
Feb. 6		
COL	eP	06 09 36
HH	e(P)	06 09 44
Feb. 6		
HH	eP	07 15 05
Feb. 6		
SJ	iP	10 18 17
Feb. 6		
BC	iP'	10 24 39.4
BOZ	iP'	10 24 50
BUT	eP'	10 24 51
	iP'	24 52
	e(PP)	27 30
COL	iP'	10 25 33
	i	25 43
	i	25 57
	i	28 56
	iPP	29 05
HH	e(P)	10 24 36
	iP'	24 56
	iPP	27 54
	e	28 19
MONT	iP	10 14 28
	i	15 57
	iPP	16 21
	i	18 55
NEL	iP'	10 24 39.2
TUC	iP'	10 24 30
Feb. 6		
BUT	e(P)	10 32 56
NEL	eP	10 34 47
Feb. 6		
NEL	eP	10 37 47
	e	38 41
Feb. 6		
TUC	eP	10 42 18

Date and Station		Phase (GCT)
		h m s
TUC	e	10 43 09
	eL	43 49
Feb. 6		
BOZ	eP	10 58 22
BUT	eP	10 58 25
HH	e(P)	10 58 36
MONT	iP	10 50 51
NEL	iP	10 57 37.9
	i	57 50.4
TUC	iP	10 57 14
Feb. 6		
NEL	eP	11 30 20
Feb. 6		
COL	iP	13 07 45
HH	eP	13 06 57
Feb. 6		
TUC	eP	13 51 33
	i	51 48
	i(S)	52 14
	i	52 31
	iL	53 02
Feb. 6		
HH	e(P)	14 15 36
Feb. 6		
COL	iP	15 03 05
Feb. 6		
BC	iP	18 25 46.2
BOZ	eP	18 25 22
COL	eP	18 22 03
HH	iP	18 24 57
	ePP	26 36
	ePKKP	43 22
NEL	iP	18 25 48.4
TUC	iP	18 26 24
Feb. 6		
COL	iP	19 53 58
Feb. 6		
HH	iP	21 16 34
NEL	iP	21 16 01
TUC	iP	21 16 09
Feb. 6		
HH	e(P)	22 25 15
Feb. 6		
BC	iP	22 45 57.4

Date and Station		Phase (GCT)
		h m s
HH	iP	22 45 03
NEL	iP	22 45 58.4
TUC	eP	22 46 30
Feb. 6		
SLC	eP	23 21 46
Feb. 7		
BC	eP	00 22 35
COL	iP	00 18 46
	i	19 02
NEL	eP	00 22 45
Feb. 7		
HH	e(P)	02 03 12
Feb. 7		
HH	e(P)	02 33 52
	e	35 53
Feb. 7		
COL	eP	03 31 51
Feb. 7		
BH	iP	04 26 47
	iS	26 56
Feb. 7		
BC	iP	05 41 06.8
BUT	eP	05 41 37
COL	iP	05 41 21
HH	e(P)	05 41 36
NEL	iP	05 41 05.8
TUC	eP	05 41 15
Feb. 7		
COL	iP	08 30 33
	i	30 51
Feb. 7		
COL	iP	09 24 29
Feb. 7		
COL	iP	13 25 42
Feb. 7		
BC	eP	13 51 22
	eL	54 01
BOZ	e(P)	13 51 43
BUT	e(P)	13 50 52
HH	iP	13 51 39
	eL	55 04
NEL	iP	13 51 16.8
	iL	54 09.8

Date and Station		Phase (GCT)
		h m s
SLC	eP	13 51 24
	eL	54 21
TUC	e(P)	13 52 29
Feb. 7		
COL	iP	14 39 17
	iS	39 44
HH	iP	14 43 56
Feb. 7		
COL	iP	14 47 37
Feb. 7		
COL	eP	17 03 11
HH	eP	17 00 45
MONT	iP	16 55 42
NEL	iP	16 59 44.4
SJ	eP	16 56 21
TUC	eP	16 59 25
Feb. 7		
BC	eP	17 48 18
	i	50 03.2
	iS	50 26.2
HH	iP	17 50 46
NEL	eP	17 48 06
	i	50 17.6
SLC	eP	17 49 11
	e	52 49
TUC	eP	17 47 10
	i	47 28
	iS	48 05
	i	48 23
	iL	49 00
Feb. 7		
BC	iP	20 03 54.9
BUT	eP	20 08 30
COL	iP	20 05 48
HH	iP	20 08 18
MONT	eP'	20 16 36
NEL	iP	20 08 55.7
SLC	eP	20 08 50
Feb. 7		
COL	iP	21 16 24
Feb. 7		
COL	iP	22 41 56

Date and Station		Phase	(GCT) h m s
Feb. 8			
HH		eP	00 02 30
Feb. 8			
COL		eP	02 42 08
Feb. 8			
COL		eP	04 11 24
Feb. 8			
BC		iP	04 22 55.6
		eS	31 38
BOZ		iP	04 23 20
		ipP	25 26
BUT		iP	04 23 25
		epP	25 30
COL		eP	04 27 43
HH		iP	04 23 36
		epP	25 43
		eS	32 53
		e	34 03
		esS	35 51
MONT		iP	04 14 01
		i	15 00
		iL	15 19
NEL		iP	04 22 54.4
		ipP	24 57.4
SLC		iP	04 23 04
SJ		eP	04 23 50
TUC		iP	04 22 26
WASH		eP	04 21 27
Feb. 8			
COL		iP	05 03 33
Feb. 8			
COL		iP	05 22 00
Feb. 8			
BC		iP	05 56 58.2
COL		iP	06 00 53
HH		iP	05 58 16
MONT		iP	05 55 24
NEL		iP	05 56 56.4
SLC		iP	05 57 20
TUC		iP	05 56 16
		i	56 24
Feb. 8			
COL		iP	06 12 10
Feb. 8			
COL		eP	06 41 46
COL		i	06 42 07
Feb. 8			
BC		iP	08 16 26.3
BUT		e(P)	08 16 12
HH		iP	08 16 03
NEL		iP	08 16 27.3
Feb. 8			
HH		eP	11 57 26
Feb. 8			
HH		eP	12 04 48
Feb. 8			
BUT		e(P)	13 45 47
HH		iP	13 44 03
		e	47 33
SLC		e(P)	13 44 59
Feb. 8			
BC		iP	14 29 33.4
BOZ		iP	14 31 35
COL		iP	14 32 31
HH		iP	14 30 50
		ePP	33 42
		e	34 03
MONT		e(P)	14 26 46
		e	27 04
NEL		iP	14 29 31.0
SLC		eP	14 30 03
		iP	30 05
TUC		eP	14 29 06
Feb. 8			
COL		iP	15 52 19
HH		e(P)	15 54 48
NEL		iP	15 55 23.9
		e	56 14
Feb. 8			
MONT		e(P)	16 03 01
Feb. 8			
COL		iP	16 44 40
		i	45 21
HH		iP	16 37 20
Feb. 8			
BC		eP	17 03 41
NEL		eP	17 03 42
Feb. 8			
COL		iP	18 07 38
Feb. 8			
COL		eP	18 10 27
Feb. 8			
COL		eP	18 15 27
Feb. 8			
BC		iP	19 43 18.9
COL		eP	19 39 05
		eL	42 20
HH		eP	19 42 14
		e	45 32
NEL		iP	19 43 20.4
Feb. 8			
HH		e(P)	22 10 57
Feb. 8			
COL		eP	23 45 03
Feb. 9			
MONT		eP	01 57 12
Feb. 9			
NEL		eP	02 58 54
Feb. 9			
BH		eP	07 50 51
		eS	51 33
Feb. 9			
COL		iP	08 38 53
Feb. 9			
HH		iP	10 19 15
		e	20 28
Feb. 9			
COL		iP	10 47 08
		i	49 32
HH		eP	10 49 04
		e	49 27
		ePP	52 44
MONT		eP'	10 55 21
		i	55 28
		i	57 51
Feb. 9			
BC		eP	13 57 17
NEL		eP	13 57 19
		epP	58 34
Feb. 9			
COL		iP	16 05 04
Feb. 9			
NEL		eP	19 15 21
		e	15 37
Feb. 9			
NEL		eP	19 56 54
Feb. 9			
COL		eP	20 10 18
		i	10 41
		i	12 01
Feb. 9			
NEL		eP	20 39 20
Feb. 9			
HH		e(P)	21 30 33
Feb. 9			
NEL		eP	22 46 25
Feb. 9			
BC		iP	22 49 30.2
		i	49 37.7
COL		eP	22 45 03
		e	47 44
		iL	48 11
HH		eP	22 48 19
		i	48 39
NEL		iP	22 49 31.7
		i	49 39.4
Feb. 10			
HH		e(P)	00 03 01
Feb. 10			
BC		iP	00 13 44.6
		ipP	13 59.1
BOZ		iP	00 13 15
		ipP	13 29
BUT		iP	00 13 09
		ipP	13 24
COL		iP	00 09 49
		ipP	10 01
		i	10 35
		e	15 23
		e	17 27
HH		iP	00 12 51
		ipP	13 07
		ePP	14 58
		e	21 02
		eP'P'	42 51
NEL		iP	00 13 45.9
		ipP	14 00.6
		isP	14 25.0
		iPP	16 04.1
		ipPP	16 17.6
SLC		iP	00 13 35
		ipP	13 51
TUC		eP	00 14 17
		iP	14 18
		ipP	14 34

Date and Station		Phase (GCT)
		h m s
TUC	eP'P'	00 42 31
WASH	iP	00 15 26
	e	18 26
Feb. 10		
COL	eP	01 42 38
Feb. 10		
COL	iP	04 09 19
HH	eP	04 12 12
Feb. 10		
BC	iP	04 16 15.8
	i	16 28.6
BOZ	eP	04 16 52
BUT	iP	04 16 59
COL	iP	04 19 23
HH	iP	04 17 14
	i	17 27
	e	18 52
MONT	eP	04 09 30
	i	09 44
	i(S)	11 59
	iL	12 40
NEL	iP	04 16 14.4
	i	16 27.4
SJ	iP	04 12 40
TUC	iP	04 15 41
	i	15 54
	o	16 12
Feb. 10		
HH	e(P)	06 17 54
Feb. 10		
BC	iP	09 48 55.9
	i	49 06.7
COL	iP	09 49 36
	i	52 00
HH	eP	09 49 34
	e	51 55
MONT	e(P)	09 50 11
NEL	iP	09 48 54.8
	e	51 20
SLC	eP	09 49 19
	e	52 41
TUC	eP	09 49 01
	e	51 26
	eL	10 15 50
Feb. 10		
COL	eP	09 59 41

Date and Station		Phase (GCT)
		h m s
Feb. 10		
HH	e(P)	12 23 15
Feb. 10		
BC	eP	12 36 22
MONT	eP	12 31 13
NEL	iP	12 36 20.9
Feb. 10		
COL	eP	13 27 42
Feb. 10		
HH	e(P)	13 41 14
Feb. 10		
MONT	iP	14 14 05
Feb. 10		
HH	e(P)	14 14 54
Feb. 10		
BOZ	eP	17 28 07
BUT	eP	17 29 25
	e	30 08
HH	eP	17 28 38
Feb. 10		
COL	iP	18 10 00
HH	iP	18 15 57
Feb. 11		
NEL	e(P)	01 02 06
Feb. 11		
BUT	eP	02 45 12
Feb. 11		
COL	eP	03 01 45
HH	eP	03 01 46
Feb. 11		
BC	iP	03 02 27.7
	i	02 47.7
	i	02 59.2
BOZ	eP	03 03 19
BUT	eP	03 03 30
COL	eP	03 06 55
	i	07 18
HH	eP	03 03 47
MONT	iP	03 05 23
	i	05 29
NEL	iP	03 02 26.0
	i	02 49.1
TUC	eP	03 01 40
	i	02 12

Date and Station		Phase (GCT)
		h m s
TUC	e(S)	03 05 38
	eL	07 47
Feb. 11		
BC	iP	04 43 30.4
COL	eP	04 44 06
NEL	iP	04 43 29.5
Feb. 11		
BUT	eP	05 57 19
COL	iP	06 02 45
Feb. 11		
COL	eP	10 44 02
Feb. 11		
COL	eP	11 13 55
TUC	eP	11 13 33
Feb. 11		
BC	iP	12 17 09.4
	ipP	17 35.6
BOZ	eP	12 17 39
BUT	eP	12 17 44
HH	iP	12 17 58
	ipP	18 25
MONT	iP	12 06 50
NEL	iP	12 17 07.7
	ipP	17 34.0
	i	17 46.6
TUC	eP	12 16 37
Feb. 11		
COL	eP	13 53 09
Feb. 11		
HH	e(P)	15 46 08
Feb. 11		
BC	eP	16 13 43
	iS	14 43.6
BOZ	eP	16 14 50
	eS	16 46
	eL	16 58
BUT	eP	16 14 28
	i	15 02
	e(S)	16 36
	eL	16 48
HH	eP	16 14 53
	eL	17 26
LOG	eP	16 13 55
	i	14 19
	e(S)	15 10
	iL	15 27

Date and Station		Phase (GCT)
		h m s
NEL	eP	16 13 43
	i	13 56.0
SLC	eP	16 14 09
	eS	15 08
	eL	15 20
TUC	e(P)	16 14 59
	e	15 24
	eS	16 32
	iL	17 32
Feb. 11		
COL	eP	18 19 48
Feb. 11		
COL	eP	19 15 09
HH	eP	19 18 19
	i	19 30
Feb. 11		
BC	iP	19 45 18.8
HH	eP	19 47 46
NEL	iP	19 45 18.2
Feb. 11		
HH	iP	20 19 52
	iS	19 54
Feb. 11		
BC	iP	21 58 54.1
MONT	e	21 49 42
	i	50 49
	eL	52 17
NEL	iP	21 58 52.7
Feb. 11		
HH	e(P)	22 33 00
Feb. 11		
HH	i(P)	23 34 46
Feb. 12		
BC	iP	00 14 49.5
BUT	eP	00 15 26
HH	iP	00 15 38
	i	15 57
MONT	iP	00 04 44
	i	05 01
	iL	06 36
NEL	iP	00 14 48.2
TUC	eP	00 14 21
	e	14 39
Feb. 12		
COL	eP	01 27 04

Date and Station		Phase	(GCT) h m s
Feb. 12			
COL		eP	01 47 42
Feb. 12			
COL		iP	01 57 08
HH		eP	01 59 27
NEL		eP	02 00 12
Feb. 12			
COL		iP	03 03 05
		e	03 23
Feb. 12			
COL		iP	04 05 48
HH		iP	04 05 05
		eL	08 24
NEL		iP	04 06 50.3
Feb. 12			
BC		iP	04 39 06.9
COL		eP	04 39 34
		epP	41 34
HH		eP	04 39 37
NEL		iP	04 39 05.1
SLC		eP	04 39 28
TUC		iP	04 39 11
Feb. 12			
HH		e(P)	05 00 56
Feb. 12			
COL		eP	06 10 18
Feb. 12			
COL		eP	06 20 45
Feb. 12			
BC		iP	06 29 53.1
BUT		eP	06 29 43
HH		iP	06 29 35
MONT		eP	06 36 52
NEL		iP	06 29 53.9
TUC		eP	06 30 14
Feb. 12			
HH		iP	06 58 25
Feb. 12			
COL		eP	09 20 56
HH		eP	09 20 14
Feb. 12			
BC		eP	10 05 11
NEL		eP	10 05 02
TUC		eP	10 05 06
Feb. 12			
COL		iP	10 46 45
Feb. 12			
BOZ		eP	11 32 38
BUT		eP	11 32 33
HH		e(P)	11 32 24
		eL	35 09
Feb. 12			
HH		e(P)	12 03 16
		eL	05 17
Feb. 12			
COL		iP	14 40 16
Feb. 12			
MONT		eP	14 48 35
Feb. 12			
COL		iP	18 26 45
HH		iP	18 28 52
Feb. 12			
BC		iP	19 16 01.7
COL		iP	19 15 07
		ipP	15 34
NEL		iP	19 16 00.9
		ipP	16 39.9
		e	20 03
Feb. 12			
HH		i(P)	19 33 13
Feb. 12			
HH		e(P)	22 42 22
		eL	43 03
Feb. 12			
COL		iP	23 38 40
Feb. 13			
BC		eP	00 23 51
		i	23 56.7
NEL		eP	00 23 53
		i	23 58.8
		i(S)	24 31.7
Feb. 13			
HH		e(P)	02 38 49
Feb. 13			
TUC		eP	04 25 14
Feb. 13			
BC		eP	04 41 09
NEL		eP	04 41 09
Feb. 13			
HH		eP	07 43 11
		e	43 21
NEL		eP	07 43 40
Feb. 13			
COL		eP	08 16 55
NEL		i(P)	08 16 44.0
Feb. 13			
COL		eP	08 40 26
Feb. 13			
COL		iP	09 08 40
NEL		eP	09 07 52
		e	08 17
Feb. 13			
BC		eP	10 29 36
COL		eP	10 25 18
NEL		eP	10 29 28
Feb. 13			
NEL		eP	10 38 31
Feb. 13			
BC		eP	11 27 42
NEL		iP	11 27 38.5
		i	29 04.9
Feb. 13			
COL		iP	12 14 43
Feb. 13			
COL		eP	15 57 20
Feb. 13			
COL		iP	16 03 48
Feb. 13			
HH		e(P)	17 12 08
Feb. 13			
BC		iP	17 26 35.1
		ipP	27 13.1
		e(ScP)	31 09
		iP'P'	56 21.7
BOZ		iP	17 25 58
		e	27 45
BUT		eP	17 25 49
		i	25 55
		epP	26 23
		iPP	27 41
		epPP	28 42
		e	29 21
		iScP	30 41
COL		iP	17 22 15
COLU		iP	17 28 27
HH		iP	17 25 33
		ipP	26 09
		iPcP	26 53
		iPP	27 34
		iScP	30 32
		e(ScS)	35 09
		e(P'P')	55 53
MONT		eP'	17 35 50
		epP'	36 32
		iSKP	36 57
NEL		iP	17 26 38.3
		ipP	27 14.6
		iScP	31 10.2
		eP'P'	56 18
SLC		iP	17 26 21C
		ipP	26 58
TUC		iP	17 27 09
		i	27 18
		ipP	27 47
		i	27 54
Feb. 13			
COL		iP	17 55 01
Feb. 13			
COL		iP	18 10 48
Feb. 13			
HH		e(P)	18 18 21
		e	19 45
Feb. 13			
HH		e(P)	18 29 35
Feb. 13			
BC		eP	19 46 33
COL		e(P)	19 45 22
		e	46 07
HH		eP	19 46 51
NEL		eP	19 46 29
Feb. 13			
COL		iP	19 50 54
TUC		eP	19 50 33
Feb. 13			
BC		eP	19 55 29
COL		iP	19 56 11
HH		eP	19 56 10
MONT		e(P)	19 56 44
NEL		iP	19 55 30.9
		i	55 53.3
		i	56 18.1
TUC		e(P)	19 55 33
		eL	20 24 32

Date and Station		Phase (GCT)
		h m s
Feb. 13		
HH	eP	20 49 04
Feb. 13		
HH	eP	21 20 01
Feb. 13		
HH	e(P)	22 43 32
Feb. 14		
MONT	eP	00 59 15
NEL	iP	00 52 36.3
Feb. 14		
HH	e(P)	05 37 39
Feb. 14		
MONT	eP	07 59 26
Feb. 14		
BC	iP	08 19 23.2
BUT	eP	08 19 08
HH	eP	08 19 00
NEL	iP	08 19 23.5
Feb. 14		
COL	eP	10 29 28
Feb. 14		
COL	eP	11 06 35
Feb. 14		
BH	iP	12 38 57
	iS	39 17
Feb. 14		
MONT	iP	13 11 18
	i(S)	11 45
	iL	11 56
NEL	iP	13 22 15.8
Feb. 14		
BC	eP	13 50 30
BOZ	eP	13 51 18
HH	eP	13 51 35
	e	54 15
MONT	iP	13 44 48
NEL	iP	13 50 28.3
	i	50 33.5
TUC	eP	13 50 03
Feb. 14		
HH	e(P)	14 32 41
Feb. 14		
BC	eP	15 37 16
BOZ	eP	15 36 36
COL	iP	15 33 06
HH	eP	15 36 17
NEL	eP	15 37 17
TUC	eP	15 37 46
Feb. 14		
COL	iP	16 05 51
NEL	eP	16 09 49
Feb. 14		
HH	e(P)	16 34 05
Feb. 14		
BC	iP'	17 11 54.7
	ePKKP	23 07
BUT	e(P')	17 11 12
COL	eP	17 05 52
	iPP	09 04
	i	09 27
COLU	eP'	17 12 35
	ePKS	16 10
HH	eP	17 07 32
	e	10 51
	eP'	11 18
	ePKKP	23 00
MONT	eP'	17 13 16
	ePP	17 18
NEL	iP'	17 11 54.4
	iPP	12 50.1
	iPKKP	23 02.6
SJ	eP'	17 13 32
WASH	eP'	17 12 37
	e	12 45
Feb. 14		
HH	iP	18 25 47
NEL	eP	18 25 00
Feb. 14		
BH	iP	19 21 50
	iS	22 18
BC	iP	19 26 09.3
NEL	iP	19 26 02.3
Feb. 14		
HH	e(P)	19 35 53
Feb. 14		
COL	iP	19 39 44
MONT	eP'	19 47 07
	ePP	51 14
NEL	eP'	19 45 45
	ePKKP	56 43
Feb. 14		
COL	eP	20 01 01
Feb. 14		
HH	e(P)	23 14 07
Feb. 15		
BC	eP	06 33 11
	ipP	33 33.7
BOZ	e(P)	06 34 14
	e	34 48
BUT	e(P)	06 34 08
COL	eP	06 32 52
	iP	32 54
	ipP	33 08
COLU	e	06 43 39
	e(PS)	50 53
	eSS	57 05
	eL	07 13 26
HH	e(P)	06 33 30
	e(PKKP)	51 43
	eP'P'	59 57
NEL	eP	06 33 10
	ipP	33 29.0
SLC	e(P)	06 34 36
	e(PPS)	46 56
	eL	07 04 48
TUC	eP	06 33 22
	e	33 27
Feb. 15		
BC	iP	06 34 20.6
COL	eP	06 33 59
	ipP	34 17
NEL	iP	06 34 20.1
Feb. 15		
COL	eP	06 44 25
Feb. 15		
COL	iP	07 05 03
	i	05 23
Feb. 15		
COL	iP	08 44 08
Feb. 15		
BOZ	eP	09 49 46
Feb. 15		
BC	eP	11 09 17
NEL	eP	11 09 20
	e	10 05
Feb. 15		
BC	iP	11 43 49.8
BUT	e(P)	11 42 27
HH	e(P)	11 42 10
NEL	eP	11 43 34
	i	43 41.9
Feb. 15		
NEL	eP	14 08 03
Feb. 15		
COL	iP	16 45 24
Feb. 15		
BOZ	eP	17 11 41
HH	i(P)	17 13 58
Feb. 15		
BC	iP	18 54 47.2
	ipP	55 02.0
COL	iP	18 54 27
	ipP	54 49
HH	eP	18 55 06
	ePP	58 56
	ePKKP	19 12 09
	e	12 41
	eP'P'	20 24
NEL	iP	18 54 46.2
	ipP	55 01.4
SLC	e(P)	18 55 10
TUC	eP	18 54 57
	e(PP)	58 20
	eL	19 23 43
Feb. 15		
BUT	e(P)	20 06 24
HH	e(P)	20 06 40
	eL	07 40
LOG	eP	20 04 30
	i	04 37
	eL	05 00
Feb. 15		
HH	e(P)	21 00 29
	eL	03 04
LOG	eP	20 59 55
	i	21 00 03
	eL	00 26
Feb. 16		
HH	e(P)	00 32 54
Feb. 16		
HH	e(P)	00 49 46
	eL	51 48
LOG	e	00 48 34
	e	49 23

Date and Station		Phase (GCT) h m s
Feb. 16		
HH	eP	04 37 18
Feb. 16		
COL	iP	05 26 39
Feb. 16		
COL	eP	05 31 10
Feb. 16		
MONT	eP	05 50 15
	e	54 05
Feb. 16		
COL	eP	07 10 33
Feb. 16		
BC	eP	10 03 37
COL	iP	10 03 12
NEL	e(P)	10 03 34
Feb. 16		
BC	iP'	11 48 20.2
	iPP	49 19.3
	ePKKP	59 03
	iPKKP	59 08
BOZ	eP'	11 48 24
	iPP	49 19
	i	51 44
BUT	e(P')	11 47 44
	ePKKP	59 04
COL	iP	11 42 54
	iPKKP	12 00 04
	i	00 42
COLU	eP'	11 49 07
	e	50 06
	ePP	52 09
	iPP	52 34
HONO	iP	11 41 32
	ipP	42 14
HH	eP	11 44 24
	ipP	44 57
	iP'	48 18
	ePP	48 55
	iPP	49 06
	iPKKP	59 08
	eP'P'	12 07 34
LOG	eP'	11 48 27
	ePP	49 28
MONT	iP'	11 49 22
	ipP'	49 54
	i	50 03
	iPP	52 47
NEL	eP	11 44 38
	i	47 57.4
	iP'	48 24.6
	iPKKP	59 02.2
SLC	eP'	11 48 27
	ePKKP	58 57
SJ	iP'	11 49 43
	ipP'	50 25
TUC	eP'	11 48 32
	e	48 47
Feb. 16		
BC	i(P)	11 51 45.3
NEL	i(P)	11 51 45.2
Feb. 16		
HH	eP	13 04 42
MONT	eP	12 54 25
NEL	iP	13 03 57.1
	i	04 02.1
Feb. 16		
COL	e(P)	15 53 05
	i	53 39
Feb. 16		
NEL	iP	17 26 22.6
	i	27 31.2
Feb. 16		
COL	iP	17 44 30
Feb. 16		
COL	eP	17 51 22
Feb. 16		
COL	eP	19 51 51
	i	52 11
NEL	eP	19 47 45
Feb. 16		
COL	eP	22 15 33
Feb. 16		
COL	iP	22 16 53
NEL	eP	22 18 27
Feb. 17		
NEL	eP	00 31 17
Feb. 17		
HH	e(P)	01 02 43
	i	02 53
MONT	eP	00 55 49
Feb. 17		
COL	eP	01 15 22
Feb. 17		
COL	iP	02 51 49
	ipP	52 44
Feb. 17		
BC	iP	03 41 58.2
COL	iP	03 38 21
HH	iP	03 41 11
NEL	eP	03 41 59
	e	42 51
TUC	eP	03 42 28
Feb. 17		
BH	eP	08 17 12
	eS	17 17
Feb. 17		
COL	iP	08 18 24
HH	iP	08 17 59
Feb. 17		
BC	eP	08 57 48
BOZ	e(P)	08 58 23
COL	iP	09 01 13
HH	iP	08 58 48
MONT	iP	08 53 20
	e	53 45
NEL	iP	08 57 47.8
	i	58 13.9
SLC	eP	08 58 01
SJ	eP	08 54 09
TUC	eP	08 57 10
Feb. 17		
HH	i(P)	09 13 04
Feb. 17		
HH	e(P)	10 20 08
Feb. 17		
HH	iP	10 57 45
Feb. 17		
BC	eP	11 16 13
HH	e(P)	11 15 19
NEL	eP	11 16 14
Feb. 17		
NEL	e(P)	14 07 53
Feb. 17		
HH	e(P)	14 14 04
Feb. 17		
HH	e(P)	14 25 27
MONT	eP	14 24 39
NEL	eP	14 28 35
Feb. 17		
COL	iP	14 50 06
Feb. 17		
COL	eP	19 42 25
HH	iP	19 43 00
SJ	i(P)	19 42 03
Feb. 17		
HH	eP	20 05 54
	e	06 06
NEL	eP	20 05 36
SJ	iP	19 57 29
Feb. 18		
COL	iP	03 35 08
Feb. 18		
COL	eP	04 29 28
Feb. 18		
COL	eP	07 00 32
Feb. 18		
BH	eP	08 10 11
BC	iP	08 14 48.5
	eS	21 24
BOZ	iP	08 14 46
BUT	iP	08 14 55
	ipP	15 10
COL	iP	08 17 38
COLU	eP	08 10 55
	iP	11 00
	ipP	11 10
	i	11 25
	iS	14 02
	iL	14 26
HH	iP	08 15 09
	ePP	16 52
	iP'P'	47 33
MONT	iP	08 14 22
	ipP	14 43
NEL	iP	08 14 48.1
	ipP	15 02.2
	isP	15 16.0
PHIL	eP	08 11 31
	eS	15 21
	eL	16 28
SLC	eP	08 14 37
	ipP	14 52
	e(S)	21 02
	eL	24 34
SJ	iP	08 07 11

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Date and Station		Phase (GCT)
		h m s
TUC	iP	08 14 16
	i	14 53
	ePP	15 49
	eS	20 20
	eL	30 35
WASH	eP	08 11 22
	eS	15 18
Feb. 18		
BOZ	e(P)	10 43 18
Feb. 18		
COL	eP	15 57 25
HH	iP	15 54 31
	i	56 27
Feb. 18		
COL	iP	16 57 07
Feb. 18		
NEL	i(P)	17 18 37.4
Feb.18		
BC	iP	20 00 29.1
COL	iP	19 55 44
NEL	iP	20 00 31.0
Feb.18		
COL	eP	21 19 01
Feb. 18		
NEL	iP	22 18 47.0
Feb. 18		
COL	iP	22 44 50
Feb. 18		
HH	e(P)	23 01 58
Feb. 18		
COL	iP	23 00 53
HH	e(P)	23 02 35
	eP'	06 25
MONT	eP'	23 08 04
	ePP	11 02
Feb.18		
COL	iP	23 15 28
Feb. 19		
COL	iP	00 30 43
HH	eP	00 33 51
	i	33 54
Feb. 19		
HH	eP	02 20 06
Feb. 19		
NEL	eP	02 26 58
Feb. 19		
BC	iP	03 55 39.3
BOZ	iP	03 56 05
	epP	57 08
BUT	iP	03 56 11
	ipP	57 15
HH	iP	03 56 24
	ipP	57 12
	e	57 31
MONT	iP	03 45 42
	i(S)	46 29
	iL	46 39
NEL	iP	03 55 38.1
	i	55 53
	ipP	56 43
SLC	iP	03 55 49
	epP	56 52
SJ	iP	03 51 33
	ipP	52 29
TUC	iP	03 55 08
	e	55 25
	epP	55 54
	isP	56 14
Feb. 19		
COL	iP	04 33 40
Feb. 19		
NEL	iP	06 13 28.1
Feb. 19		
BC	eP	07 32 53
COLU	iP	07 31 38
MONT	iP	07 34 06
NEL	iP	07 32 53.4
Feb. 19		
HH	e(P)	07 59 55
Feb. 19		
COL	iP	10 45 31
HH	eP	10 43 05
	e	43 26
	ePcP	43 36
MONT	eP	10 38 09
NEL	iP	10 42 07.3
	i	42 20.4
SJ	eP	10 38 10
Feb. 19		
BC	iP	12 49 31.3
BOZ	eP	12 49 00
	e	51 40
COL	eP	12 45 36
HH	iP	12 48 34
	i	48 43
	i	51 33
	e	55 42
NEL	eP	12 49 26
	e	51 53
Feb. 19		
HH	iP	13 36 27
Feb. 19		
BC	eP'	15 40 18
COL	iP	15 33 38
	i	33 54
HH	eP	15 35 30
	e	38 49
	ePP	39 29
NEL	i(P')	15 40 17.6
	i	40 32.5
SJ	e(P')	15 41 27
Feb. 19		
HH	e(P)	17 34 02
Feb. 19		
HH	e(P)	17 41 22
Feb. 19		
SLC	eP	19 51 02
	eS	51 59
	eL	52 09
Feb. 19		
COL	eP	20 04 53
HH	e(P)	20 08 26
NEL	e(P)	20 10 06
	i	10 50.0
Feb. 19		
COL	eP	21 23 27
Feb. 19		
HH	e(P)	23 24 45
Feb. 19		
BC	eP	23 50 35
	i	51 38.7
	i	51 41.4
	iS	52 33.0
BOZ	e(P)	23 51 30
	e	52 38
	e	53 57
	eS	54 50
	eL	55 30
BUT	e(P)	23 51 38
	e	52 48
	eS	53 39
	eL	53 50
COL	iP	23 56 43
HH	e(P)	23 52 25
	e	53 21
	iL	55 26
NEL	eP	23 50 38
	iP	50 52.2
	iS	51 45.4
TUC	eP	23 52 20
	i	53 07
	i	53 15
	e(S)	54 20
	iL	55 18
Feb. 20		
HH	e(P)	00 28 47
Feb. 20		
COL	iP	01 04 13
HH	eP	01 06 09
Feb. 20		
NEL	iP	01 24 25.4
	i	24 37.3
SLC	e	01 33 17
Feb. 20		
NEL	eP	04 59 06
Feb. 20		
HH	e(P)	05 52 43
	e	53 11
Feb. 20		
NEL	eP	10 57 21
Feb. 20		
NEL	eP	11 13 10
Feb. 20		
BC	iP	12 26 00.8
BOZ	eP	12 25 28
COL	iP	12 22 03
HH	iP	12 25 06
	ePP	26 56
NEL	iP	12 26 01.6
	ipP	26 22.0
SJ	eP	12 30 14
TUC	eP	12 26 37
	epP	27 03
Feb. 20		
BC	iP	16 21 14.7
COL	eP	16 26 14
	e	26 42
	ipP	27 12

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HH		eP	16 23 01
NEL		iP	16 21 26.0
SJ		eP	16 20 15
TUC		eP	16 20 32
		i	20 59
		e	25 32
Feb. 20			
HH		eP	17 40 31
Feb. 20			
COL		eP	17 55 17
Feb. 20			
COL		iP	18 43 48
Feb. 20			
BC		eP	19 33 11
		i	33 18.0
		i	34 09.3
BUT		eP	19 36 09
HH		eP	19 37 11
NEL		eP	19 33 13
		iP	33 19.8
		i(S)	34 16.6
SLC		e(P)	19 33 45
Feb. 20			
BC		iP	20 28 14.2
COL		iP	20 27 09
HH		eP	20 28 17
		iP	28 18
NEL		iP	20 28 14.4
Feb. 20			
COL		iP	20 33 03
HH		e(P)	20 39 39
		i	39 44
Feb. 20			
HH		e(P)	21 11 24
Feb. 20			
BC		iP	22 44 04.9
COL		iP	22 43 21
HH		e(P)	22 44 14
		e	44 38
NEL		iP	22 44 04.9
TUC		eP	22 44 15
Feb. 20			
HH		e(P)	23 00 52
Feb. 21			
COL		iP	00 03 06
Feb. 21			
HH		eP	00 34 54
Feb. 21			
COL		eP	03 34 55
TUC		eP	03 34 32
Feb. 21			
COL		iP	07 40 45
		i	41 21
Feb. 21			
COL		eP	10 41 09
Feb. 21			
BC		iP	13 01 56.7
COL		iP	12 57 56
NEL		eP	13 01 58
TUC		eP	13 02 29
		e	02 43
Feb. 21			
BUT		eP	13 36 21
Feb. 21			
COL		iP	14 18 14
Feb. 21			
BC		eP	14 41 16
BOZ		eP	14 40 56
HH		e(P)	14 40 37
		e	41 08
NEL		eP	14 41 11
TUC		eP	14 40 55
Feb. 21			
HH		iP	15 33 44
Feb. 21			
COL		eP	16 42 58
Feb. 21			
BC		iP	18 54 33.1
COL		iP	18 50 43
HH		iP	18 53 42
		ePP	56 00
NEL		iP	18 54 33.5
Feb. 21			
COL		eP	19 58 33
HH		e(P)	19 59 21
Feb. 21			
BUT		eP	22 59 07
Feb. 21			
BC		eP	23 25 26
		i	25 30.5
		ePPP	29 12
BOZ		eP	23 24 36
COL		iP	23 25 22
HH		iP	23 24 39
		e	28 25
NEL		eP	23 25 24
		i	25 30.9
		ePPP	29 07
PHIL		e	23 27 10
		eL	32 12
SLC		eP	23 24 56
TUC		eP	23 25 22
		e(PcP)	26 17
		eL	50 25
Feb. 22			
BUT		eP	00 41 23
Feb. 22			
BC		eP	02 14 30
BOZ		eP	03 15 10
COL		eP	03 18 41
HH		e(P)	03 15 39
NEL		eP	03 14 22
		i	14 27.2
TUC		e(P)	03 13 41
Feb. 22			
MONT		eP	05 01 25
NEL		eP	05 11 33
		e	12 34
Feb. 22			
BUT		e(P)	05 43 32
HH		e(P)	05 42 05
		e	44 11
		eL	44 26
SLC		eP	05 40 58
		e	41 07
Feb. 22			
MONT		e(P)	06 24 00
Feb. 22			
HH		e(P)	08 08 42
MONT		iP	08 07 01
		i(S)	07 15
		iL	07 31
Feb. 22			
HH		e(P)	08 19 20
Feb. 22			
HH		iP	09 55 47
Feb. 22			
HH		e(P)	10 08 35
Feb. 22			
COL		eP	13 59 00
Feb. 22			
COL		iP	14 59 22
HH		iP	15 01 32
Feb. 22			
HH		e(P)	15 20 17
Feb. 22			
BC		eP	15 49 42
		i	49 55.7
COL		eP	15 45 52
HH		iP	15 48 47
NEL		eP	15 49 43
Feb. 22			
HH		iP	16 58 09
Feb. 22			
HH		iP	17 37 55
Feb. 22			
COL		eP	19 22 10
		i	22 24
		i(S)	23 07
Feb. 22			
BOZ		eP	22 48 33
Feb. 23			
BUT		eP	02 41 16
COL		iP	02 44 39
		i	45 17
NEL		iP	02 40 19.2
		i	40 28.4
TUC		eP	02 39 35
		e	39 36
		e(S)	44 38
		eL	49 22
Feb. 23			
NEL		eP	04 45 47
Feb. 23			
BC		iP	05 08 58.9
		ipP	09 51.0
BOZ		eP	05 09 37
		ipP	10 33
		iPP	13 03

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Date and Station		Phase	(GCT)
			h m s
BUT	iP		05 09 33
	ipP		10 27
COL	iP		05 09 33
	ipP		10 25
HH	iP		05 09 34
	ePP		13 01
	i(PKKP)		27 26
LOG	eP		05 09 25
	epP		10 18
MONT	eP		05 10 24
	epP		11 16
	ePP		14 08
NEL	iP		05 08 58.2
	ipP		09 50.3
SLC	iP		05 09 22
TUC	iP		05 09 04
	ipP		09 54
Feb. 23			
NEL	eP		06 48 25
	i		48 52
Feb. 23			
BC	iP		08 48 04.6
COL	iP		08 48 28
	ipP		50 40
HH	e(P)		08 48 36
NEL	iP		08 48 03.8
SLC	eP		08 48 26
TUC	eP		08 48 10
Feb. 23			
HH	eP		09 08 07
Feb. 23			
BC	iP		11 52 20.2
	ipP		54 30.2
BOZ	iP		11 52 55
	epP		55 04
	iPP		56 31
BUT	iP		11 52 51
	ipP		54 58
	ePP		56 23
COL	iP		11 52 45
	ipP		54 51
	eSKS		12 02 14
HH	iP		11 52 52
	eSKS		12 02 26
	iPKKP		10 40
LOG	eP		11 52 45
	epP		54 51
	ePP		56 10

Date and Station		Phase	(GCT)
			h m s
NEL	iP		11 52 29.3
	ipP		54 30
	e		55 14
SLC	eP		11 52 42
	epP		54 51
TUC	iP		11 52 27
	epP		54 33
	eSKS		12 01 56
Feb. 23			
COL	eP		12 02 14
NEL	e(P)		12 01 49
Feb. 23			
MONT	i(P)		12 10 07
Feb. 23			
TUC	eP		14 16 10
	e		16 21
Feb. 23			
COL	iP		14 19 16
HH	eP		14 23 21
Feb. 23			
TUC	eP		14 47 20
	eL		55 15
Feb. 23			
COL	iP		16 49 18
Feb. 23			
BC	eP'		18 52 00
	ePP		57 21
BOZ	e(P')		18 51 10
	e		51 34
BUT	eP'		18 51 48
	ePP		56 19
COL	iP'		18 51 24
	ePP		55 04
COLU	eP'		18 51 24
HH	eP'		18 51 48
	iP'		52 39
NEL	iP'		18 51 59.7
	ePP		57 21.4
TUC	eP'		18 51 42
WASH	e(SKS)		18 58 34
Feb. 23			
BC	iP		20 13 50.5
BOZ	eP		20 13 36
COL	iP		20 10 55

Date and Station		Phase	(GCT)
			h m s
HH	iP		20 13 18
MONT	eP'		20 21 26
NEL	iP		20 13 51.8
SLC	eP		20 13 48
TUC	e(P)		20 14 17
Feb. 23			
COL	iP		21 08 30
Feb. 23			
SLC	eP		23 09 52
Feb. 23			
COL	iP		23 25 35
Feb. 23			
COL	eP		23 44 18
Feb. 23			
COL	eP		23 49 48
	i		49 55
HH	eP		23 53 25
Feb. 24			
COL	iP		01 45 07
Feb. 24			
HH	iP		02 00 06
NEL	eP		02 00 40
Feb. 24			
COL	iP		03 08 23
Feb. 24			
COL	eP		05 55 45
Feb. 24			
COL	eP		06 33 40
Feb. 24			
BC	iP		09 26 17
	ipP		26 29.8
BOZ	eP		09 25 51
COL	iP		09 22 39
HH	iP		09 25 30
	ipP		25 46
MONT	eP'		09 33 32
NEL	eP		09 26 18
	ipP		26 35.1
TUC	eP		09 26 47
	ipP		27 02
Feb. 24			
TUC	eP		09 49 48

Date and Station		Phase	(GCT)
			h m s
Feb. 24			
HH	eP		10 02 17
	e(S)		03 30
	iL		03 58
Feb. 24			
HH	e(P)		11 01 22
Feb. 24			
COL	e(P)		11 59 16
Feb. 24			
BC	eP		12 26 41
BOZ	eP		12 26 26
COL	iP		12 23 03
HH	iP		12 25 54
	i		26 10
NEL	eP		12 26 52.1
TUC	e(P)		12 27 11
	e		27 24
Feb. 24			
COL	eP		15 12 31
Feb. 24			
COL	iP		15 27 25
Feb. 24			
COL	eP		15 45 10
Feb. 24			
COL	eP		15 57 22
Feb. 24			
NEL	eP		18 10 00
Feb. 25			
NEL	eP		00 06 18
Feb. 25			
HH	eP		00 54 36
NEL	eP		00 54 05
Feb. 25			
COL	eP		02 35 29
Feb. 25			
BC	eP		03 07 07
COL	iP		03 04 57
NEL	iP		03 07 03.3
	i		09 03.5
Feb. 25			
HH	e(P)		05 37 31
	e		37 44
	iL		38 35
Feb. 25			
COL	eP		06 01 50

Date and Station		Phase	(GCT)
			h m s
HH	iP		06 03 41
	e		05 05
Feb. 25			
BC	eP		06 39 11
COL	iP		06 35 19
NEL	eP		06 39 12
Feb. 25			
COL	eP		07 10 11
	e		10 35
Feb. 25			
COL	eP		07 35 52
Feb. 25			
BC	e(P)		07 53 37
COL	eP		07 46 48
NEL	e(P)		07 53 36
Feb. 25			
HH	iP		08 06 55
	i		07 03
Feb. 25			
COL	iP		09 33 09
	i		34 05
Feb. 25			
SLC	eP		10 56 55
Feb. 25			
COL	iP		11 20 22
NEL	eP		11 21 59
Feb. 25			
HH	e(P)		12 51 04
Feb. 25			
COL	eP		13 56 30
Feb. 25			
COL	iP		14 36 38
Feb. 25			
HH	e(P)		21 08 52
Feb. 25			
BC	iP		21 17 13.2
NEL	eP		21 17 53
Feb. 25			
HH	eP		23 33 57
	eS		34 07
Feb. 26			
BC	eP'		00 50 27
	iPP		53 30.6
COL	eP		00 45 01
COLU	iP'		00 50 55
	ePP		54 11
HH	eP'		00 50 10
	ePP		51 56
LOG	eP'		00 50 22
	ePP		52 21
	ePKS		53 22
NEL	iP'		00 50 15.9
	i		50 26
	iPP		51 16.1
SJ	iP'		00 51 48
TUC	eP'		00 50 37
	i(PP)		53 48
Feb. 26			
NEL	eP		01 55 37
SLC	eP		01 50 23
Feb. 26			
BC	eP		02 59 29
	i		59 43.8
COL	eP		02 55 21
	e(S)		58 27
	eL		59 01
HH	eP		02 58 28
LOG	e(P)		02 59 20
NEL	eP		02 59 30
TUC	eP		03 00 10
	eL		17 00
Feb. 26			
COL	eP		03 03 42
Feb. 26			
BOZ	eP		04 50 17
	e		52 18
Feb. 26			
COL	eP		05 37 58
Feb. 26			
COL	iP		06 42 10
Feb. 26			
BUT	eP		08 25 31
Feb. 26			
BUT	eP		09 47 16
Feb. 26			
HH	e(P)		10 01 57
Feb. 26			
BUT	e		10 50 33
COL	eP		10 42 31
HH	iP		10 44 46
NEL	eP		10 45 17
Feb. 26			
COL	iP		12 04 06
NEL	e(P)		12 05 03
Feb. 26			
COL	iP		14 56 20
NEL	eP		14 56 49
	e		57 21
Feb. 26			
SLC	eP		15 13 01
Feb. 26			
COL	iP		15 50 16
Feb. 26			
COL	iP		16 17 08
Feb. 26			
COL	iP		17 09 44
Feb. 26			
BH	eP		17 19 34
	eS		20 09
Feb. 26			
BC	eP		17 42 15
	i		42 30.4
	iS		43 31.8
HH	eP		17 43 43
	e		45 01
LOG	e(P)		17 42 37
	eL		43 56
Feb. 26			
COL	iP		18 02 01
HH	eP		18 01 32
Feb. 26			
BC	eP		18 27 01
COL	eP		18 31 21
HH	i(P)		18 28 23
NEL	iP		18 27 01.4
	i		27 15.6
Feb. 26			
SLC	eP		20 29 00
Feb. 26			
COL	eP		19 30 22
Feb. 27			
BC	eP		07 33 38
	i		33 54.7
	iS		34 42.7
NEL	eP		07 33 41.0
	i		33 56.6
	i(S)		34 49.3
Feb. 27			
COL	iP		07 55 15
HH	iP		07 55 55
Feb. 27			
COL	iP		08 36 47
HH	eP		08 37 27
Feb. 27			
COL	iP		09 58 39
Feb. 27			
HH	e(P)		10 06 55
Feb. 27			
BC	iP		10 42 53.2
BOZ	eP		10 42 23
COL	iP		10 38 53
	i		39 04
HH	eP		10 42 04
NEL	iP		10 42 54.9
	i		43 06.0
TUC	eP		10 43 25
	e		43 33
Feb. 27			
BUT	eP		15 04 13
Feb. 27			
COL	iP		15 25 10
Feb. 27			
BC	iP		16 48 24.3
	i		48 40.3
BOZ	iP		16 48 12
BUT	iP		16 48 21
COL	iP		16 50 00
HH	e(P)		16 48 28
NEL	iP		16 48 23.9
TUC	iP		16 48 01
Feb. 27			
BUT	eP		16 54 45
Feb. 27			
BC	iP		19 33 05.8
BUT	iP		19 32 43
COL	iP		19 30 05
HH	iP		19 32 30
NEL	iP		19 33 07.0

Date and Station		Phase (GCT) h m s
Feb. 27		
NEL	eP	19 59 52
Feb. 27		
COL	iP	20 46 03
Feb. 27		
BC	iP	20 56 05.2C
	i	21 06 39.5
BOZ	iP	20 56 44C
	i	57 08
	i	58 35
	ePP	21 00 38
	i	01 26
	e	06 31
	eSKS	07 03
	iS	07 47
	iPS	08 15
	iPPS	09 17
	i	10 08
	iSS	14 18
	iSSS	17 42
	eL	21 18
BUT	eP	20 56 41D
	iP	56 42
	i	56 53
	iPP	21 00 25
	i	00 48
	i	02 42
	iSKS	07 19
	iS	07 26
	iPS	08 10
	iPPS	09 14
	iSS	14 15
	i	14 36
	eSSS	18 16
	eL	22 03
CHI	eP	20 57 46
	eP'	21 01 12
	ePP	02 11
	e	06 44
	eSKS	08 27
	eS	09 20
	ePS	11 23
	ePPS	12 20
	e	13 10
	eSS	17 06
	eSSS	21 23
	eL	27 38
COL	iP	20 56 46C
	i	21 00 27
	iS	07 28
	iPPS	09 20
	iL	12 06
COLU	eP	20 57 54
	i(P')	21 01 23
	iPP	02 25C
	eSKS	08 03
	iSKS	08 33
	iPS	11 21
	iPPS	13 13
	i	20 25
	iSSS	21 15
	iL	28 13

Date and Station		Phase (GCT) h m s
HONO	iP	20 52 36
	i	52 48
	iPP	54 25
	iS	59 38
	i	21 00 12
	i	01 38
	i(ScS)	02 44
	iSS	03 24
	iL	04 10

T_P = 2 sec. A = 2.5mm.
T_S = 12 sec. A = 13mm.
T_L = 14 sec. $A_{max.}$=21mm.

Date and Station		Phase (GCT) h m s
HH	eP	20 56 42C
	iP	56 43
	iPP	21 00 31
	eS	07 29
	e(PPS)	09 46
	iPKKP	13 48
	iP'P'	22 01
	e(P'P'P')	42 24
LIN	eP	20 57 16
	ePP	21 00 23
	e	08 00
	eL	15 10
LOG	eP	20 56 31C
	iP	56 32
	ePP	21 00 19
	eSKS	07 09
	ePS	08 03
	ePKKP	13 46
	eP'P'	22 07
	eP'P'P'	43 14
NEL	iP	20 56 04.5C
	i(PPP)	21 06 45.1
	i	07 19.2
	eP'P'	22 19
RC	eP	20 57 02
	ePP	21 01 14
	iS	08 37
	iPPS	10 38
	eSS	15 10
SLC	eP	20 56 29C
	iP	56 30
	ePP	21 00 16
	iPPP	02 12
	i	04 12
	e(SKS)	06 30
	iS	07 13
	iPS	07 50
	iPPS	09 00
	iSS	13 38
	iSSS	17 08
	iL	20 16
SIT	eP	20 56 31
	eS	21 07 13
	eL	20 07
SJ	eP	20 58 10
	iP'	21 02 08C
	ePP	03 11
	e	06 34

Date and Station		Phase (GCT) h m s
SJ	eSKS	21 09 00
	e	10 25
	e(S)	11 18
	ePKKP	12 40
	iPKKP	12 50
	ePS	12 50
	e	17 13
	eSS	18 10
	eL	29 52
TUC	iP	20 56 07C
	ePP	59 25
	ePPP	21 01 30
	e	03 05
	i	05 24
	eS	06 52
	iScS	07 04
	ePPS	08 10
	eSS	12 24
	iPKKP	14 05
	eSSS	16 06
	eL	18 46
	iP'P'	22 17
UK	eP	20 55 52
	eS	21 06 20
	iS	06 22
	eSS	12 33
	eL	17 50
WASH	eP'	21 02 07
Feb. 27		
COL	eP	21 42 22
Feb. 27		
COL	iP	22 51 48
HH	e(P)	22 52 38
Feb. 27		
BUT	eP	23 25 08
Feb. 28		
BC	eP	00 29 26
BUT	eP	00 31 33
COL	eP	00 30 09
NEL	iP	00 29 26.3
Feb. 28		
BC	eP	01 07 07
	e	07 13
BOZ	iP	01 06 27
	i	06 42
BUT	eP	01 06 18
COL	eP	01 03 04
HH	eP	01 06 00
	e	06 18
	ePcP	08 22
NEL	eP	01 06 41

Date and Station		Phase (GCT) h m s
NEL	i	01 07 05.7
	i	07 12.5
Feb. 28		
BC	eP	01 18 07
BOZ	iP	01 18 55
BUT	eP	01 18 58
NEL	iP	01 18 04.9
TUC	e(P)	01 17 39
Feb. 28		
BUT	eP	03 15 35
COL	eP	03 15 32
	e	16 07
NEL	eP	03 14 59
	i	15 07.8
TUC	eP	03 15 01
	e	15 09
	i	15 19
Feb. 28		
BC	iP	05 18 55.9
COL	iP	05 15 47
	i	15 58
HH	e(P)	05 18 57
	ePcP	20 11
NEL	iP	05 19 58.0
	iPcP	20 43.9
Feb. 28		
BUT	eP	05 40 33
Feb. 28		
HH	i(P)	06 17 29
Feb. 28		
HH	e(P)	07 22 07
Feb. 28		
SLC	eP	08 54 03
Feb. 28		
BC	eP	09 23 19
	e	23 48
NEL	iP	09 23 17.5
	i	23 33.1
Feb. 28		
HH	eP	12 03 52
Feb. 28		
BC	iP	12 28 49.1
BUT	eP	12 29 14
NEL	iP	12 28 38.7

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Date and Station		Phase (GCT)
		h m s
TUC	eP	12 28 40
Feb. 28		
BOZ	eP	13 50 44
Feb. 28		
COL	eP	15 26 43
Feb. 28		
BUT	eP	19 17 44
Feb. 28		
BC	eP'	21 02 30
	i	02 55.0
	ePP	06 31
BOZ	iP'	21 02 14
	ePP	05 23
BUT	iP'	21 02 12
	i	02 49
COL	eP'	21 01 24
HH	e(P')	21 02 06
	e	05 13
MONT	eP'	21 01 30
NEL	iP'	21 02 30.1
	i	02 57.3
	iPP	06 33.3
SLC	eP'	21 02 27
	ePP	06 09
TUC	eP'	21 02 32
	e	03 10
	ePP	06 50
	eSKKKS	13 40
	eL	22 09 50
Feb. 28		
BC	eP	21 24 59
MONT	iP	21 16 23
	i(S)	17 30
	iL	17 41
NEL	iP	21 24 57.5
Feb. 28		
NEL	eP	23 43 59
Feb. 28		
BC	eP	23 59 21
NEL	iP	23 59 17

Date and Station		Phase (GCT)
		h m s
ADDENDA		
Feb. 26		
MONT	eP'	00 51 07
MONT	iP	18 21 46
Feb. 27		
MONT	eP	10 00 06
MONT	eP	16 44 34
	e	46 42
MONT	iP'	19 40 53
MONT	iP	20 56 41C
	iP'	21 00 14
	iPP	00 36
	eS	08 13
	ePS	08 55
	ePKKP	13 50
	iP'P'	22 04
	eP'P'P'	43 02
Feb. 28		
MONT	eP	01 12 14
MONT	iP	08 16 47

Date and Station		Phase (GCT)
		h m s

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	hours	day	hours	day	hours	hours
BOZ		MONT		TUC		
Feb.		Feb.		Feb.		
18	10.7	3	00.5	11	19.8	
			22.6	12	05.0	
BUT		7	06.4		11.5	
Feb.		8	01.0		18.4	
2	07.8		08.4		19.3	
3	20.1	9	03.9	13	00.4	
5	01.3		20.5		02.6	
7	23.6		22.6		03.9	
12	05.0	10	00.4		10.5	
	05.0		06.6		11.4	
	05.0		18.6		19.3	
	22.7	11	07.6	14	07.6	
15	00.7		11.9		09.7	
	21.4		14.2		10.9	
16	21.5	12	15.7		17.3	
18	00.1		21.5	15	02.0	
	00.2	13	10.5		11.9	
20	00.1	14	18.3		12.2	
26	23.5	15	16.3	16	00.8	
		16	08.2		12.0	
COL		17	01.9	17	01.7	
Feb.		19	11.0		19.1	
3	13.4	20	02.2	18	01.1	
	16.6		08.7		15.5	
5	03.7	23	10.4		20.6	
	17.1	24	23.8	19	07.5	
	23.2		23.9		10.7	
7	23.2	25	04.1		12.9	
	23.6		20.8	20	15.2	
8	16.6	26	01.3		16.9	
	19.7				19.6	
	21.7	SJ		22	03.2	
9	08.6	Feb.			05.7	
	13.7	3	16.5		14.4	
11	19.3	8	04.1	23	06.4	
	20.6	9	21.3		08.5	
12	06.7	17	14.2		11.1	
13	02.1	18	08.4	24	07.9	
	02.6		12.3		13.9	
	03.7	19	04.1	25	06.1	
	05.5	23	18.5		09.5	
	11.3	24	17.7		18.9	
	23.8		21.3	26	21.4	
14	00.5	25	08.2		21.5	
	12.9				23.7	
	21.3	TUC		27	01.9	
15	17.0	Feb.			07.6	
17	01.8	1	07.7		11.5	
	10.9		08.0	28	02.1	
18	16.9	3	01.0		03.6	
20	16.8		06.5		19.4	
27	18.9	4	05.4			
28	04.2	5	09.4			
	22.3	6	04.7			
			06.1			
HONO			10.5			
Feb.			11.0			
1	01.9	7	02.6			
11	21.0		07.9			
12	22.7		08.3			
18	21.6	9	11.2			
			12.9			
MONT		10	13.4			
Feb.			17.5			
2	08.7	11	04.7			
	17.7		09.9			

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