USCGS
.40A

SEISMOLOGICAL BULLETIN

SOUTH POLE - BYRD SUPPLEMENT

JANUARY - MARCH, 1961

MSI - 241A

COAST & GEODETIC SURVEY

MAR 22 1966

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COAST AND GEODETIC SURVEY--WASHINGTON

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March 4, 2011

SEISMOLOGICAL BULLETIN
SOUTH POLE-BYRD SUPPLEMENT

January-March, 1961

The instrumental results tabulated in this supplement are from the following seismographic stations.

Station	Latitude	Longitude	Foundation	Elevation	Instruments	Components	To (Sec.)	Tg (Sec.)	Time Scale
South Pole (SPA) In Charge: Terry Hardiman	90°S.	0°	1995 meters of ice	2800 meters	Benioff Paper	Z	1.6	0.5	60mm/min.
					Wilson-Lamison (120°E. 60°W.) Horizontal Film.		5.6	0.48	15mm/min.
Byrd (BYR) In Charge: Leroy Pankratz	80°01'S.	119°31'W.	2570 meters of ice	1515 meters	Benioff	Z	1.2	0.5	60mm/min.
					Wilson-Lamison with G. E. Galvo.	N	6.2	3.5	30mm/min.
					Wilson-Lamison with G. E. Galvo.	E	7.2	3.5	30mm/min.

These stations were first established by the Coast and Geodetic Survey for the IGY to provide additional control for locating teleseismic epicenters in regions inadequately covered by previously existing stations and to provide data for studies in regional seismicity, crustal structure and other pertinent earth science problems.

Date and Station		Phase (GCT) h m s
Jan. 1		
SPA	eP	08 07 12.9
	e	08 08.0
Jan. 1		
SPA	eP	08 46 18.4
Jan. 1		
SPA	e(P)	09 58 24.2
Jan. 1		
BYR	eP	13 20 40.0
SPA	iP	13 20 56.3
	ipP	21 16.3
Jan. 1		
BYR	e(P)	13 23 59.2
	e	24 14.6
SPA	eP	13 24 36.3
	i	24 47.0
Jan. 1		
BYR	iP	16 48 20.8
SPA	iP	16 48 51.4
	e(PcP)	49 02.3
	ipP	50 48.9
Jan. 1		
BYR	E(P)	17 16 25.7
Jan. 1		
SPA	e(P)	17 22 55.1
Jan. 1		
BYR	e(P)	18 03 43.0
Jan. 1		
BYR	iP	19 41 12.9
	ePP	42 53.5
	eS	47 53.6
Jan. 1		
BYR	eP	19 54 07.5
	e	55 04.9
SPA	e(P)	19 54 06.0
Jan. 1		
BYR	eP	20 17 03.8
SPA	eP	20 16 06.3
Jan. 1		
BYR	eP	20 30 34.9
	ePcP	32 12.9
SPA	iP	20 29 53.8
	iPcP	31 54.9
Jan. 1		
BYR	e(P)	21 00 09.6
Jan. 1		
SPA	e(P)	21 32 29.7
Jan. 1		
BYR	eP	21 57 21.4
Jan. 1		
BYR	e(P)	22 20 44.9
SPA	eP	22 21 21.7
Jan. 2		
SPA	eP	00 19 27.0
Jan. 2		
SPA	eP	02 04 55.2
Jan. 2		
SPA	eP	02 32 07.4
Jan. 2		
SPA	eP	03 25 26.2
Jan. 2		
BYR	e(P)	07 53 52.2
Jan. 2		
BYR	e(P)	08 08 17.6
Jan. 2		
BYR	iP	10 23 24.5
SPA	iP	10 23 40.4
	epP	24 15.3
	eS	32 58.0
Jan. 2		
BYR	e(P)	10 35 23.2
Jan. 2		
SPA	e(P)	13 02 24.7
Jan. 2		
SPA	eP	13 39 25.5
Jan. 2		
BYR	e(P)	15 32 46.9
SPA	e(P)	15 34 15.5
Jan. 2		
BYR	e(P')	16 40 42.0
	e	40 57.1
	e	41 12.1
SPA	iP'	16 40 53.0
Jan. 2		
SPA	e(P)	18 54 17.2
Jan. 2		
BYR	eP	21 04 23.6
SPA	iP	21 04 22.1
Jan. 2		
BYR	e(P)	22 10 04.9
Jan. 2		
BYR	iP	23 19 12.3
SPA	iP	23 19 21.2
Jan. 3		
BYR	e(P)	00 25 28.9
Jan. 3		
BYR	e(P)	00 48 15.1
Jan. 3		
BYR	e(P)	00 53 50.3
Jan. 3		
BYR	e(P')	02 49 47.0
	eSKP	53 40.0
Jan. 3		
BYR	iP	05 49 18.0
Jan. 3		
BYR	e(P)	08 28 01.0
Jan. 3		
BYR	e(P)	11 15 54.7
Jan. 3		
BYR	eP	11 53 22.0
	e	54 15.8
SPA	iP	11 52 02.6
Jan. 3		
SPA	e(P)	12 19 28.9
Jan. 3		
SPA	e(P)	13 43 46.0
Jan. 3		
SPA	eP	14 01 48.3
Jan. 3		
BYR	eP	14 15 26.7
	e	15 54.6
SPA	eP	14 16 04.2
Jan. 3		
BYR	iP	15 01 37.5
SPA	eP	15 02 17.4
Jan. 3		
BYR	e(P)	16 29 51.1
Jan. 3		
BYR	e(P)	17 47 24.4
SPA	e(P)	17 48 03.0
Jan. 3		
BYR	iP	17 52 11.4
	ePcP	52 38.2
	e	52 47.3
SPA	iP	17 52 50.2
	iPcP	53 16.7
	i	53 28.8
Jan. 3		
SPA	iP	18 15 15.5
	ipP	15 40.5
Jan. 3		
BYR	e(P)	18 18 18.7
SPA	e(P)	18 19 23.8
Jan. 3		
BYR	e(P)	18 26 15.4
SPA	eP	18 27 07.2
Jan. 3		
BYR	iP	19 17 57.9
Jan. 3		
BYR	iP	19 39 40.1
SPA	iP	19 39 19.8
Jan. 3		
SPA	iP	19 49 42.6
Jan. 3		
BYR	e(P)	20 03 53.3
Jan. 3		
BYR	iP	20 18 09.1
SPA	iP	20 17 42.3
Jan. 3		
BYR	iP	20 53 09.3
Jan. 3		
BYR	e(P)	20 36 34.3
Jan. 3		
BYR	eP	22 11 45.7
Jan. 3		
BYR	e(P)	22 38 18.5
Jan. 3		
BYR	e(P)	23 28 17.0
Jan. 4		
SPA	eP	01 43 04.2
Jan. 4		
BYR	eP	02 37 35.3
Jan. 4		
BYR	e(P)	06 15 52.4
Jan. 4		
SPA	eP	08 06 20.4
Jan. 4		
BYR	iP	11 42 45.6
SPA	iP	11 42 18.6
Jan. 4		
BYR	e(P)	12 18 09.9
Jan. 4		
BYR	eP	13 35 39.0
Jan. 4		
BYR	eP	14 51 42.2
Jan. 4		
BYR	e(P)	15 38 01.7

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Date and Station		Phase	(GCT)
			h m s
Jan. 4 BYR	e(P)		17 13 52.2
Jan. 4 BYR	e(P)		17 32 18.9
Jan. 4 SPA	eP		17 39 10.3
Jan. 4 BYR	e(P)		17 44 50.3
Jan. 4 SPA	eP		18 03 21.2
Jan. 4 SPA	eP		18 24 33.7
Jan. 4 BYR	e(P)		18 27 45.3
	e		28 15.5
Jan. 4 BYR	e(P)		18 46 08.8
Jan. 4 BYR	e(P)		18 52 14.1
Jan. 4 BYR	iP		19 28 55.7
SPA	e(P)		19 29 40.4
Jan. 4 BYR	e(P)		22 28 12.2
Jan. 5 SPA	eP		00 38 36.0
Jan. 5 SPA	eP		02 02 08.4
Jan. 5 BYR	e(P)		03 12 13.7
	e		13 47.5
Jan. 5 BYR	e(P)		03 33 48.2
	e		34 02.1
Jan. 5 BYR	e(P)		03 34 47.5
	e		35 10.4
Jan. 5 BYR	e(P)		05 26 44.1
Jan. 5 BYR	eP		06 05 38.1
Jan. 5 BYR	eP		11 06 29.6
	i		06 38.3
	e		06 48.6
SPA	eP		11 07 22.6
	i		07 30.8
	i		07 39.9
Jan. 5 BYR	e(P)		14 03 13.3
Jan. 5 BYR	eP'		14 25 34.7
	i		25 43.5
	i		26 01.0
	eSKP		29 12.8
SPA	eP'		14 25 51.1
Jan. 5 BYR	eP'		15 28 45.3
	i		28 56.3
	e		29 03.7
	e		29 22.0
SPA	eP'		15 28 47.1
Jan. 5 BYR	eP		15 47 15.7
	e		48 04.8
Jan. 5 BYR	iP		16 06 34.7
	ipP		07 09.9
SPA	iP		16 06 28.1
	i		06 40.1
	i		07 17.6
	i		10 29.9
	eS		16 38.3
	e		24 03.2
Jan. 5 SPA	e(P)		16 32 10.1
Jan. 5 SPA	e(P)		16 46 08.6
Jan. 5 BYR	e(P)		17 46 41.0
Jan. 5 BYR	iP		18 08 33.7
SPA	iP		18 08 54.2
	e		13 34.2
	e		15 16.7
Jan. 5 BYR	iP		18 25 19.4
	eS		34 08.1
Jan. 5 BYR	e(P)		18 53 48.7
	e		57 07.0
Jan. 5 BYR	e(P)		19 09 43.5
Jan. 5 BYR	e(P)		23 49 09.8
SPA	eP		23 48 53.8
Jan. 6 BYR	eP		00 06 30.8
SPA	eP		00 07 05.8
	i		07 16.8
	i		08 08.4
Jan. 6 BYR	eP		00 15 18.2
SPA	eP		00 15 47.1
Jan. 6 SPA	e(P)		00 36 55.9
Jan. 6 BYR	eP		01 05 02.5
SPA	iP		01 05 21.7
Jan. 6 BYR	e(P)		01 27 42.2
SPA	eP		01 28 01.2
Jan. 6 BYR	eP'		01 39 45.7
SPA	eP'		01 39 44.5
Jan. 6 SPA	eP		04 08 43.0
Jan. 6 BYR	eP		05 08 07.0
SPA	eP		05 07 41.7
Jan. 6 SPA	eP'		05 34 53.3
Jan. 6 BYR	eP'		06 40 44.3
	e		40 52.5
	eSKP		44 21.4
SPA	iP'		06 41 01.3
	eSKP		44 38.1
Jan. 6 BYR	eP'		07 25 08.3
	i		25 18.3
	eSKP		28 48.1
SPA	iP		07 25 16.6
	e		25 23.3
	i		25 29.7
Jan. 6 SPA	eP		07 37 09.1
Jan. 6 SPA	eP		10 25 25.1
Jan. 6 SPA	e(P)		12 24 30.3
Jan. 6 SPA	eP		12 45 13.8
Jan. 6 BYR	e(P)		12 57 40.8
	e		57 53.6
Jan. 6 SPA	eP		15 27 41.1
Jan. 6 BYR	e(P)		18 25 14.7
Jan. 6 BYR	e(P)		19 01 51.7
SPA	e(P)		19 02 56.2
	e		03 04.9
Jan. 7 SPA	iP		01 03 12.0
Jan. 7 BYR	e(P)		01 17 17.8
Jan. 7 SPA	eP		03 58 06.6
	i		58 23.0
Jan. 7 SPA	eP		04 32 29.4
Jan. 7 BYR	e(P)		05 17 00.3
Jan. 7 BYR	eP		09 25 52.1
Jan. 7 BYR	eP'		10 50 02.3
	eSKP		53 23.6
SPA	iP'		10 49 46.9
Jan. 7 BYR	e(P)		11 09 02.7
Jan. 7 BYR	eP		11 39 36.3
	epP		41 26.6
SPA	iP		11 40 06.0
	epP		41 57.6
Jan. 7 SPA	eP		12 01 37.6
Jan. 7 BYR	e(P)		13 13 40.7
SPA	eP		13 11 30.0
Jan. 7 BYR	e(P)		14 36 15.9
SPA	e(P)		14 36 01.8
Jan. 7 SPA	eP		15 17 58.3

Date and Station		Phase (GCT)
Jan. 7		h m s
SPA	iP	15 32 31.3
Jan. 7		
SPA	iP'	16 11 47.8
Jan. 7		
SPA	eP	17 55 08.1
Jan. 7		
SPA	eP	17 58 35.8
Jan. 7		
BYR	iP	18 23 44.2
	i	23 47.5
	i	23 52.5
	eS	29 37.1
SPA	iP	18 23 27.3
	i	23 41.2
	iPcP	25 49.9
	eS	28 40.0
	iScP	29 51.8
	e(ScS)	33 47.7
Jan. 7		
SPA	e(P)	18 54 49.1
Jan. 7		
BYR	e(P)	20 00 20.2
Jan. 7		
SPA	eP	21 18 28.1
Jan. 7		
BYR	e(P)	22 14 06.5
SPA	eP	22 14 46.0
Jan. 7		
BYR	e(P)	23 56 27.6
SPA	e(P)	23 57 03.9
Jan. 8		
BYR	eP	00 47 22.9
SPA	iP	00 46 25.6
Jan. 8		
BYR	e(P)	01 24 45.5
Jan. 8		
BYR	eP	03 09 59.2
	e	13 06.0
SPA	e(P)	03 09 41.7
Jan. 8		
BYR	e(P)	04 49 59.0
Jan. 8		
BYR	eP	05 32 32.0
	ePcP	32 52.1
	ipP	33 02.3
SPA	eP	05 33 13.7

Date and Station		Phase (GCT)
Jan. 8		h m s
BYR	e(P)	07 39 37.9
	e	39 52.4
	ePP	42 13.6
SPA	eP	07 40 12.1
	i	40 21.8
	iPP	42 35.2
Jan. 8		
BYR	eP	08 40 56.5
SPA	eP	08 41 38.5
Jan. 8		
BYR	eP	10 10 22.1
SPA	e(P)	10 10 53.7
Jan. 8		
SPA	eP	12 50 39.0
Jan. 8		
BYR	iP	14 56 44.8
	i	58 30.9
SPA	iP	14 56 06.0
	i	56 10.9
	i	56 25.1
	i	58 16.4
Jan. 8		
SPA	iP	16 34 16.0
Jan. 8		
SPA	eP	19 26 53.5
Jan. 8		
SPA	e(P)	20 27 38.2
Jan. 8		
BYR	e(P)	20 37 21.4
SPA	iP	20 37 28.3
Jan. 8		
SPA	iP	21 08 33.3
Jan. 8		
SPA	e(P)	21 53 21.6
Jan. 8		
SPA	eP	22 36 16.5
Jan. 8		
BYR	e(P)	23 17 22.7
Jan. 9		
SPA	eP	00 12 07.9
Jan. 9		
BYR	e(P)	01 09 04.6
SPA	eP	01 09 53.1
Jan. 9		
BYR	e(P')	03 28 31.0
Jan. 9		
SPA	e(P)	04 28 34.9

Date and Station		Phase (GCT)
Jan. 9		h m s
BYR	eP	04 36 21.7
Jan. 9		
BYR	e(P)	08 04 09.9
	e	04 19.6
Jan. 9		
SPA	iP	09 24 16.5
	i	24 30.2
	i	24 40.0
Jan. 9		
BYR	e(P)	10 23 51.2
	e	23 59.2
Jan. 9		
SPA	eP	10 53 35.7
Jan. 9		
SPA	eP	12 42 47.2
Jan. 9		
SPA	e(P)	17 56 58.6
Jan. 9		
BYR	e(P')	19 40 32.7
Jan. 9		
SPA	e(P)	20 31 14.0
Jan. 9		
BYR	e(P)	20 59 08.1
	e	59 12.2
Jan. 9		
BYR	eP	21 34 34.0
SPA	e(P)	21 35 43.6
Jan. 9		
SPA	e(P)	21 44 29.8
Jan. 9		
BYR	e(P')	22 35 50.5
Jan. 10		
BYR	e(P)	00 31 34.5
Jan. 10		
BYR	e(P)	00 49 50.0
	e	51 29.5
	e	52 16.2
Jan. 10		
BYR	eP	01 52 57.4
SPA	iP	01 53 52.2
Jan. 10		
BYR	e(P')	02 39 52.7
Jan. 10		
BYR	e(P)	03 31 35.6
Jan. 10		
SPA	eP	07 42 50.9
Jan. 10		
BYR	e(P)	07 57 30.2

Date and Station		Phase (GCT)
Jan. 10		h m s
SPA	eP	08 49 14.9
Jan. 10		
BYR	eP	08 59 58.4
SPA	eP	09 01 26.6
Jan. 10		
BYR	iP	09 25 35.7
SPA	iP	09 25 17.8
	ipP	25 57.1
Jan. 10		
BYR	e(P)	11 32 06.2
SPA	iP	11 32 11.3
Jan. 10		
BYR	e(P')	14 41 27.2
	e	41 30.6
	i	41 42.6
	iSKP	44 45.3
	e	53 29.3
SPA	iP'	14 41 36.7
Jan. 10		
SPA	eP	16 02 09.4
Jan. 10		
SPA	e(P)	16 25 31.5
Jan. 10		
BYR	e(P)	21 26 28.2
SPA	eP	21 27 24.5
Jan. 11		
BYR	e(P)	01 15 12.3
	e	15 19.0
	e	21 44.1
SPA	iP	01 15 33.3
Jan. 11		
SPA	eP	01 45 51.4
Jan. 11		
BYR	e(P)	04 29 27.6
	e	29 34.8
SPA	e(P)	04 30 01.2
Jan. 11		
SPA	eP	11 27 20.8
Jan. 11		
BYR	e(P')	12 19 02.9
	eSKP	22 38.2
SPA	eP'	12 19 16.4
	i	19 19.2
	i	19 30.1
	i	20 39.3
	e	30 43.2

Date and Station		Phase	Phase (GCT) h m s
Jan. 11			
SPA		e(P)	14 12 08.4
Jan. 11			
BYR		eP	16 38 44.7
SPA		iP	16 38 46.4
Jan. 11			
BYR		e(P)	17 19 19.7
Jan. 11			
BYR		e(P)	17 37 25.9
Jan. 11			
SPA		e(P)	18 25 03.2
Jan. 11			
BYR		e(P)	18 49 22.9
Jan. 11			
BYR		e(P)	19 29 44.2
Jan. 11			
BYR		iP	19 38 58.8
		ipP	39 30.0
		i(sP)	39 42.1
SPA		iP	19 39 37.2
		ipP	40 09.5
		isP	40 23.0
Jan. 11			
BYR		e(P)	20 05 00.6
SPA		eP	20 05 56.4
Jan. 11			
BYR		eP	21 44 19.1
		ePP	45 56.8
SPA		iP	21 44 25.1
		i	44 41.3
		i	44 56.1
Jan. 12			
BYR		e(P)	01 08 19.1
		e	08 22.7
Jan. 12			
BYR		e(P)	03 45 50.6
		e	46 02.4
SPA		e(P)	03 46 16.9
Jan. 12			
BYR		e(P)	03 52 52.0
SPA		eP	03 53 11.9
Jan. 12			
BYR		eP	05 26 57.4
SPA		eP	05 27 16.5
Jan. 12			
BYR		e(P')	14 32 53.3
SPA		iP'	14 33 11.0
Jan. 12			
BYR		e(P)	15 59 05.2
Jan. 12			
BYR		e(P)	16 25 02.0
Jan. 12			
BYR		eP	19 16 48.2
Jan. 13			
BYR		e(P)	05 21 44.1
Jan. 13			
BYR		eP	07 44 31.4
SPA		eP	07 44 14.6
Jan. 13			
BYR		e(P)	08 05 17.1
Jan. 13			
BYR		eP	10 37 53.2
Jan. 13			
BYR		e(P)	13 41 26.4
SPA		iP	13 42 04.6
Jan. 13			
SPA		eP	15 19 25.8
Jan. 13			
SPA		iP	19 11 41.8
		i	12 06.7
Jan. 13			
SPA		e(P)	19 12 26.1
		i	13 19.3
Jan. 13			
BYR		eP	19 27 54.1
		iPP	29 55.9
SPA		eP	19 26 45.0
		ipP	27 06.9
Jan. 13			
BYR		e(P)	20 26 32.2
Jan. 14			
BYR		eP	00 42 09.0
Jan. 14			
BYR		e(P')	02 45 41.3
		eSKP	49 21.5
SPA		e(P')	02 45 59.6
Jan. 14			
SPA		iP	03 42 15.3
		i	42 46.0
Jan. 14			
BYR		eP	05 45 09.6
SPA		iP	05 45 06.8
Jan. 14			
BYR		e(P)	07 44 32.1
Jan. 14			
SPA		eP	08 34 43.9
Jan. 14			
BYR		iP	08 54 08.7
SPA		eP	08 53 51.8
Jan. 14			
SPA		iP	09 29 59.9
Jan. 14			
SPA		eP	09 57 00.8
Jan. 14			
BYR		e(P)	11 45 35.6
Jan. 14			
BYR		eP	14 00 02.4
Jan. 14			
BYR		e(P)	14 40 53.7
Jan. 14			
BYR		eP	16 30 07.6
SPA		eP	16 30 40.3
Jan. 14			
BYR		e(P')	16 58 04.2
		eSKP	17 01 38.9
SPA		iP'	16 58 24.4
Jan. 14			
BYR		e(P)	23 29 53.9
Jan. 14			
BYR		e(P)	23 40 01.4
SPA		eP	23 40 38.3
Jan. 15			
BYR		e(P)	00 16 24.9
Jan. 15			
BYR		e(P)	00 43 18.4
Jan. 15			
BYR		eP	01 10 20.2
		e	10 37.9
SPA		eP	01 09 56.8
		ePP	11 20.6
Jan. 15			
SPA		iP	01 17 20.3
Jan. 15			
BYR		e(P)	03 34 45.4
Jan. 15			
BYR		e(P')	04 24 35.7
Jan. 15			
BYR		e(P)	04 41 33.4
Jan. 15			
BYR		eP	08 29 10.1
		i	29 20.1
Jan. 15			
SPA		iP	08 34 55.3
		i	35 06.2
Jan. 15			
BYR		eP	10 20 47.9
Jan. 15			
SPA		eP	12 02 10.8
Jan. 15			
BYR		e(P)	12 07 15.9
Jan. 15			
BYR		eP'	12 12 07.9
Jan. 15			
BYR		eP	14 39 01.0
Jan. 15			
SPA		iP	16 45 39.3
		i	46 07.0
Jan. 15			
BYR		iP	16 55 19.0
SPA		iP	16 55 39.5
Jan. 15			
SPA		eP	17 13 40.0
Jan. 15			
BYR		e(P)	17 23 40.5
Jan. 15			
BYR		e(P)	19 26 23.8
Jan. 15			
SPA		iP	19 49 51.1
Jan. 15			
BYR		iP	20 00 04.9
		i	01 35.5
Jan. 15			
BYR		iP	20 46 25.0
		epP	48 25.1
Jan. 15			
BYR		e(P)	22 28 12.0
Jan. 15			
BYR		e(P)	22 40 13.0
Jan. 15			
BYR		e(P)	22 55 06.8
Jan. 15			
BYR		e(P)	23 50 11.3
Jan. 15			
BYR		e(P)	23 55 03.5
		e	55 13.5
Jan. 16			
SPA		e(P)	00 37 23.3
Jan. 16			
BYR		e(P)	04 12 21.5

Date and Station		Phase (GCT) h m s
Jan. 16		
BYR	e(P)	04 26 03.6
Jan. 16		
BYR	e(P')	07 39 01.5
	e	39 12.4
	e	41 06.6
SPA	iP'	07 39 12.0
	iPP	40 52.1
	eSKKP	52 20.3
Jan. 16		
BYR	e(P)	08 14 58.5
Jan. 16		
BYR	eP'	09 07 09.7
SPA	eP'	09 07 08.5
Jan. 16		
BYR	e(P)	10 33 11.0
Jan. 16		
BYR	e(P')	11 38 37.1
SPA	eP'	11 38 36.1
	i	38 48.5
Jan. 16		
BYR	e(P')	11 59 58.2
Jan. 16		
BYR	eP'	12 31 28.5
SPA	eP'	12 31 28.2
	ipP'	31 51.6
	iPP	33 24.5
	eSKKP	44 54.9
Jan. 16		
BYR	e(P')	13 28 10.3
Jan. 16		
BYR	eP'	14 22 58.5
SPA	eP'	14 22 56.5
Jan. 16		
BYR	e(P')	15 03 06.8
Jan. 16		
BYR	eP'	16 00 13.1
SPA	e(P')	16 00 12.8
Jan. 16		
BYR	e(P)	16 40 56.7
Jan. 16		
BYR	e(P)	17 48 56.8
Jan. 16		
BYR	e(P)	23 30 14.1
Jan. 17		
BYR	e(P')	00 48 30.5

Date and Station		Phase (GCT) h m s
Jan. 17		
BYR	eP	01 44 48.0
SPA	iP	01 45 54.7
Jan. 17		
BYR	eP	02 31 22.5
Jan. 17		
BYR	eP	04 17 56.0
SPA	iP	04 18 05.3
Jan. 17		
BYR	eP	05 56 37.2
Jan. 17		
BYR	e(P)	06 08 55.0
Jan. 17		
BYR	eP'	07 00 33.6
Jan. 17		
BYR	e(P)	08 32 28.8
	e	32 55.0
SPA	eP	08 32 36.0
Jan. 17		
BYR	e(P)	09 44 10.9
Jan. 17		
BYR	e(P)	12 04 54.1
Jan. 17		
BYR	e(P)	13 39 54.7
Jan. 17		
BYR	e(P)	14 39 14.7
Jan. 17		
BYR	eP	15 58 30.0
SPA	eP	15 58 10.6
Jan. 17		
BYR	eP	18 01 54.9
	e	04 21.2
SPA	eP	18 02 00.9
Jan. 17		
BYR	e(P)	18 12 36.9
Jan. 17		
BYR	e(P)	18 26 27.9
Jan. 17		
BYR	eP	21 24 05.2
Jan. 17		
BYR	e(P)	22 33 19.2
	e	33 28.2
Jan. 17		
BYR	e(P)	23 16 10.5
SPA	eP	23 16 31.1

Date and Station		Phase (GCT) h m s
Jan. 17		
BYR	eP	23 24 09.0
SPA	eP	23 25 16.9
Jan. 18		
SPA	e(P)	00 18 06.8
Jan. 18		
BYR	eP	04 31 56.9
Jan. 18		
BYR	eP	05 04 30.0
Jan. 18		
BYR	e(P)	05 09 05.8
Jan. 18		
BYR	e(P)	05 33 08.1
Jan. 18		
BYR	e(P)	06 32 26.8
Jan. 18		
BYR	e(P)	07 46 46.8
Jan. 18		
BYR	eP	09 17 19.3
SPA	iP	09 17 34.8
Jan. 18		
BYR	e(P)	12 44 23.9
Jan. 18		
BYR	eP	12 49 38.6
Jan. 18		
BYR	e(P)	12 54 23.9
Jan. 18		
BYR	e(P)	14 07 24.2
SPA	eP	14 08 00.3
	e	08 21.4
Jan. 18		
BYR	e(P)	15 19 55.7
	e	20 03.7
	epP	20 17.5
SPA	eP	15 20 31.1
Jan. 18		
BYR	e(P)	17 01 12.8
	e	01 20.9
Jan. 18		
BYR	e(P)	17 10 08.4
Jan. 18		
BYR	e(P)	18 06 52.5
	e	07 00.7
SPA	eP	18 07 16.5
Jan. 18		
BYR	eP'	20 14 27.7

Date and Station		Phase (GCT) h m s
SPA	eP'	20 14 53.2
	e	15 13.3
Jan. 18		
BYR	eP	20 55 16.4
Jan. 18		
BYR	e(P)	21 00 44.7
SPA	eP	21 01 20.2
Jan. 18		
BYR	eP	23 57 37.4
Jan. 19		
BYR	eP	00 43 25.4
SPA	eP	00 42 55.7
Jan. 19		
BYR	eP	01 01 10.6
SPA	eP	01 00 56.6
Jan. 19		
BYR	eP	01 50 04.6
Jan. 19		
BYR	e(P)	03 07 18.9
Jan. 19		
BYR	e(P)	03 50 20.2
Jan. 19		
BYR	eP	04 32 44.0
	i	32 46.0
SPA	e(P)	04 33 01.9
Jan. 19		
BYR	e(P)	06 02 20.6
Jan. 19		
BYR	e(P)	09 49 48.4
	e	49 51.1
Jan. 19		
BYR	eP	11 00 14.1
	e	00 51.0
	e	01 09.0
SPA	iP	11 00 53.2
Jan. 19		
SPA	eP	13 05 15.3
Jan. 19		
SPA	eP	14 23 30.7
Jan. 19		
BYR	e(P)	14 56 26.7
Jan. 19		
BYR	eP'	17 14 30.2
	i	41 40.1
	eSKP	44 52.9

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Date and Station		Phase (GCT)
		h m s
SPA	eP'	17 41 35.3
	i	41 42.2
Jan. 19		
BYR	e(P)	18 08 04.9
	e	08 33.9
Jan. 19		
SPA	e(P)	21 13 58.0
Jan. 20		
SPA	eP'	01 36.3
	e	21 03.3
Jan. 20		
SPA	eP	01 47 34.5
Jan. 20		
BYR	eP	02 37 08.5
Jan. 20		
BYR	e(P)	03 31 58.3
Jan. 20		
BYR	e(P)	03 51 45.6
	e	52 13.3
Jan. 20		
BYR	eP	07 48 19.0
SPA	eP	07 48 35.5
Jan. 20		
SPA	eP	08 30 07.7
Jan. 20		
BYR	e(P')	09 09 56.4
SPA	e(P')	09 10 17.8
Jan. 20		
BYR	eP	12 53 39.5
	e	54 09.1
SPA	eP	12 53 22.4
Jan. 20		
BYR	e(P)	14 31 50.2
SPA	iP	14 31 17.3
Jan. 20		
BYR	eP	17 09 35.2
SPA	iP	17 10 12.4
Jan. 20		
BYR	e(P')	17 28 28.4
	e	28 36.1
SPA	eP'	17 28 54.0
	i	28 59.7
	i	29 14.4
	i	29 38.1
	e	32 47.9
Jan. 20		
BYR	e(P)	18 53 57.2

Date and Station		Phase (GCT)
		h m s
SPA	eP	18 54 15.6
Jan. 20		
BYR	e(P)	19 47 50.4
SPA	eP	19 48 10.4
Jan. 20		
SPA	eP	20 03 05.9
Jan. 20		
SPA	eP	20 46 06.7
Jan. 20		
SPA	eP	21 57 07.0
Jan. 20		
BYR	e(P)	22 06 09.6
Jan. 20		
BYR	eP'	22 53 49.6
Jan. 20		
BYR	e(P)	22 59 17.4
Jan. 21		
BYR	eP	00 29 30.3
SPA	eP	00 29 49.0
Jan. 21		
SPA	eP	03 11 19.0
Jan. 21		
BYR	e(P)	07 16 13.4
Jan. 21		
SPA	iP'	13 39 03.2
Jan. 21		
BYR	eP	15 00 54.9
Jan. 21		
SPA	eP	15 15 36.3
Jan. 21		
BYR	eP	15 50 42.1
SPA	e(P)	15 48 18.0
	e	50 22.9
Jan. 21		
BYR	iP	17 53 13.4
Jan. 21		
SPA	iP	18 07 59.7
	i	08 22.2
Jan. 22		
BYR	e(P)	00 34 42.9
	e	35 34.2
Jan. 22		
BYR	e(P)	01 55 58.5
Jan. 22		
BYR	e(P)	03 12 25.8

Date and Station		Phase (GCT)
		h m s
Jan. 22		
BYR	eP	03 35 47.2
	i	35 49.0
Jan. 22		
BYR	e(P')	03 43 29.9
Jan. 22		
BYR	e(P)	03 51 51.3
	e	53 45.1
Jan. 22		
BYR	e(P)	04 28 15.3
Jan. 22		
BYR	eP	04 31 04.2
Jan. 22		
BYR	eP	06 28 15.9
SPA	iP	06 28 33.3
Jan. 22		
BYR	eP	07 26 02.1
SPA	eP	07 26 18.7
Jan. 22		
BYR	e(P)	08 01 58.1
SPA	eP	08 02 16.2
Jan. 22		
SPA	e(P)	09 41 41.0
Jan. 22		
BYR	e(P)	10 45 11.1
Jan. 22		
BYR	e(P)	11 53 12.7
Jan. 22		
BYR	e(P)	12 56 30.2
SPA	eP	12 57 10.0
	i	57 21.1
Jan. 22		
BYR	eP	13 52 17.2
SPA	iP	13 52 35.4
Jan. 22		
SPA	iP	14 52 42.9
Jan. 22		
BYR	iP	16 19 11.7
SPA	iP	16 19 52.7
	ipP	20 09.9
	isP	20 16.0
Jan. 22		
SPA	e(P)	17 04 08.9
Jan. 22		
SPA	iP	17 14 23.1
Jan. 22		
Byr	eP	18 09 25.2

Date and Station		Phase (GCT)
		h m s
SPA	iP	18 08 19.5
	i	08 33.1
Jan. 22		
BYR	e(P)	18 42 41.0
SPA	e(P)	18 42 53.1
Jan. 22		
SPA	eP	18 48 42.2
Jan. 22		
BYR	eP	19 16 34.7
SPA	iP	19 16 52.9
Jan. 22		
SPA	e(P)	19 25 30.5
Jan. 22		
BYR	e(P)	21 27 43.1
SPA	iP	21 28 00.7
Jan. 23		
BYR	iP	04 20 28.1
	e	20 55.3
SPA	iP	04 21 11.0
	e	21 39.0
	i	21 54.0
Jan 23		
SPA	e(P)	04 38 21.4
Jan. 23		
BYR	e(P)	05 07 25.9
	e	07 35.6
SPA	eP'	05 07 36.7
Jan. 23		
SPA	eP	07 29 11.8
Jan. 23		
BYR	eP	09 19 25.6
SPA	eP	09 20 03.7
Jan. 23		
BYR	eP	10 51 45.6
SPA	iP	10 51 39.3
Jan. 23		
BYR	eP	10 56 39.6
SPA	eP	10 57 12.7
Jan. 23		
BYR	eP	13 50 24.7
SPA	iP	13 51 15.9
Jan. 23		
SPA	iP	14 44 15.9

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Date and Station		Phase (GCT) h m s
Jan. 23		
BYR	e(P)	15 46 54.6
Jan. 23		
BYR	e(P)	19 03 29.9
Jan. 23		
BYR	eP	20 17 00.0
Jan. 23		
BYR	e(P)	20 27 48.5
SPA	e(P)	20 26 52.5
Jan. 23		
BYR	e(P)	21 57 52.0
Jan. 23		
BYR	e(P)	22 03 49.0
	e	04 13.2
Jan. 23		
SPA	eP	22 51 25.3
Jan. 23		
BYR	e(P)	04 45 08.8
Jan. 24		
BYR	e(P)	05 14 39.6
Jan. 24		
BYR	iP	07 36 07.7
	iPcP	36 40.5
SPA	iP	07 36 24.6
	iPcP	36 57.3
	ipP	37 11.8
	e(ScS)	45 48.5
Jan. 24		
BYR	e(P)	08 03 35.3
	e	03 53.1
Jan. 24		
BYR	eP	08 08 41.4
SPA	iP	08 08 34.5
Jan. 24		
SPA	eP	13 45 08.0
Jan. 24		
BYR	eP	13 48 49.7
	e	50 14.8
Jan. 24		
BYR	e(P)	14 04 37.9
Jan. 24		
SPA	e(P)	15 49 07.2
Jan. 24		
BYR	e(P)	22 20 19.3
Jan. 24		
BYR	iP	22 46 15.5
	e	46 45.7
Jan. 24		
BYR	eP	23 25 43.9
Jan. 24		
BYR	e(P)	23 32 19.3
Jan. 24		
BYR	eP	23 55 09.3
	ePcP	55 39.5
Jan. 25		
BYR	eP	01 07 09.5
SPA	iP	01 07 33.9
Jan. 25		
BYR	e(P)	03 30 02.7
Jan. 25		
BYR	e(P)	03 59 08.9
Jan. 25		
BYR	e(P)	04 37 08.3
Jan. 25		
BYR	e(P)	04 39 07.5
Jan. 25		
BYR	iP	05 32 59.3
	e	37 29.7
SPA	iP	05 33 14.7
Jan. 25		
BYR	e(P)	06 10 47.0
Jan. 25		
BYR	eP	06 18 18.9
SPA	eP	06 18 34.7
Jan. 25		
BYR	e(P)	07 23 40.1
SPA	eP	07 24 02.7
Jan. 25		
BYR	e(P)	07 33 30.4
Jan. 25		
BYR	e(P)	07 39 06.6
Jan. 25		
BYR	e(P)	07 42 48.9
	e	42 57.7
SPA	e(P)	07 43 16.4
Jan. 25		
BYR	e(P)	09 26 11.5
Jan. 25		
BYR	e(P)	10 32 53.0
Jan. 25		
BYR	e(P)	12 17 01.0
	ePP	19 40.8
SPA	eP	12 17 17.2
Jan. 25		
BYR	eP	12 59 37.9
Jan. 25		
BYR	e(P)	16 56 28.6
SPA	eP	16 57 01.9
Jan. 25		
BYR	e(P)	17 34 00.1
	e(PP)	37 51.1
SPA	iP	17 33 37.1
Jan. 25		
BYR	eP	18 36 08.1
	e	36 24.0
	e	36 52.4
SPA	eP	18 36 45.6
Jan. 25		
BYR	e(P)	18 56 10.9
	e	57 17.1
Jan. 25		
BYR	eP	19 17 10.9
SPA	iP	19 17 43.9
	i	17 49.9
Jan. 25		
BYR	e(P')	19 23 28.3
	e	23 38.7
SPA	eP'	19 23 34.1
	i	23 44.0
Jan. 25		
BYR	e(P)	20 06 08.7
Jan. 25		
BYR	e(P)	20 14 43.5
Jan. 25		
BYR	e(P)	20 56 31.4
Jan. 25		
SPA	eP	23 03 05.8
Jan. 26		
SPA	e(P)	00 59 08.8
Jan. 26		
BYR	e(P)	02 05 35.9
Jan. 26		
BYR	e(P)	06 12 51.6
	e	13 14.7
Jan. 26		
BYR	eP	06 13 44.6
SPA	eP	06 14 06.2
Jan. 26		
BYR	eP	07 44 02.1
SPA	iP	07 43 55.8
Jan. 26		
SPA	eP	08 10 10.1
Jan. 26		
BYR	e(P)	10 15 51.1
Jan. 26		
BYR	eP	10 38 37.1
SPA	iP	10 38 52.4
Jan. 26		
BYR	e(P)	11 12 09.5
Jan. 26		
SPA	e(P)	12 00 16.2
Jan. 26		
BYR	eP	12 53 19.0
SPA	e(P)	12 52 59.6
	e	53 07.3
Jan. 26		
BYR	iP	13 23 01.7
SPA	iP	13 23 21.1
	iPcP	23 51.5
Jan. 26		
BYR	eP	13 45 14.8
Jan. 26		
BYR	e(P)	15 47 07.9
Jan. 26		
SPA	eP	15 51 58.0
Jan. 26		
BYR	eP	16 08 58.5
Jan 26		
BYR	eP	16 23 58.2
SPA	iP	16 24 18.5
	i	24 25.1
Jan. 26		
BYR	e(P)	16 37 35.5
Jan. 26		
SPA	eP	16 51 29.3
	i	51 36.0
Jan. 26		
BYR	e(P)	16 54 05.0
Jan. 26		
SPA	eP	17 09 42.1
Jan. 26		
BYR	e(P)	17 56 53.6
	e	57 00.1
SPA	eP	17 57 42.5
Jan. 26		
BYR	iP	18 59 40.2

Date and Station		Phase (GCT)
		h m s
SPA	iP	18 59 59.9
Jan. 26		
BYR	e(P)	20 40 49.3
SPA	iP	20 05 18.3
Jan. 26		
SPA	eP	20 47 33.9
Jan. 26		
BYR	eP	21 31 32.3
SPA	iP	21 31 58.5
Jan. 26		
BYR	e(P)	21 46 20.2
	e	46 32.5
Jan. 27		
BYR	eP	00 09 47.9
SPA	eP	00 10 03.3
Jan. 27		
BYR	iP	01 04 39.6
SPA	iP	01 04 43.9
	i	05 03.2
Jan. 27		
SPA	eP	01 37 30.3
Jan. 27		
BYR	eP	02 14 02.9
SPA	eP	02 13 16.5
Jan. 27		
BYR	e(P)	03 22 07.4
Jan. 27		
SPA	e(P)	04 47 51.4
Jan. 27		
BYR	eP	06 47 53.2
SPA	iP	06 46 48.9
Jan. 27		
BYR	e(P)	09 41 51.3
Jan. 27		
BYR	e(P)	14 07 40.6
SPA	eP	14 07 41.6
Jan. 27		
BYR	eP	14 20 22.1
SPA	eP	14 21 12.8
Jan. 27		
BYR	e(P)	14 31 29.4
SPA	e(P)	14 31 21.8
Jan. 27		
BYR	eP	14 57 35.8

Date and Station		Phase (GCT)
		h m s
Jan. 27		
BYR	iP	15 16 35.8
	i	21 27.8
SPA	iP	15 16 51.8
Jan. 27		
BYR	eP	20 26 12.7
Jan. 28		
BYR	e(P)	01 43 16.2
Jan. 28		
BYR	e(P)	02 10 06.4
SPA	eP	02 10 56.6
Jan. 28		
BYR	eP	03 35 46.7
	i	35 48.4
	iPcP	36 02.2
SPA	eP	03 36 28.2
	iPcP	36 44.1
Jan. 28		
BYR	e(P)	04 03 53.0
Jan. 28		
BYR	iP	05 23 10.8
SPA	iP	05 23 31.0
	i	23 55.1
	i	24 02.9
Jan. 28		
SPA	eP	08 31 48.0
Jan. 28		
BYR	e(P)	08 41 55.4
Jan. 28		
BYR	eP	09 38 33.4
Jan. 28		
BYR	e(P)	09 52 32.7
Jan. 28		
BYR	eP	10 01 41.9
Jan. 28		
BYR	e(P)	11 26 34.2
SPA	eP	11 26 54.3
Jan. 28		
BYR	e(P)	11 38 03.6
Jan. 28		
BYR	eP	11 48 56.8
Jan. 28		
BYR	iP	14 13 07.9
SPA	iP	14 14 28.9
Jan. 28		
BYR	iP	14 33 33.8

Date and Station		Phase (GCT)
		h m s
Jan. 28		
BYR	eP	14 46 21.3
SPA	eP	14 46 36.9
Jan. 28		
BYR	eP	15 05 45.4
SPA	eP	15 06 00.4
Jan. 28		
BYR	eP	17 45 06.1
SPA	eP	17 45 25.8
Jan. 28		
BYR	e(P)	18 05 12.1
SPA	eP	18 06 01.7
Jan. 28		
BYR	e(P)	18 31 03.2
Jan. 28		
BYR	e(P)	18 34 18.7
	e	36 27.8
Jan. 28		
BYR	e(P)	19 07 24.4
Jan. 28		
BYR	e(P)	19 17 20.1
SPA	eP	19 17 05.1
Jan. 28		
BYR	iP	19 53 45.4
SPA	iP	19 54 05.8
Jan. 28		
BYR	e(P)	20 00 15.9
Jan. 28		
BYR	e(P)	20 22 20.6
SPA	e(P)	20 22 12.6
Jan. 29		
BYR	eP	00 31 25.7
SPA	iP	00 31 08.9
Jan. 29		
BYR	iP	01 01 57.7
Jan. 29		
BYR	e(P)	03 14 42.1
	e	14 50.9
SPA	eP	03 13 42.9
Jan. 29		
BYR	eP	03 28 29.9
SPA	e(P)	03 28 51.4
Jan. 29		
BYR	e(P)	03 39 19.4

Date and Station		Phase (GCT)
		h m s
Jan. 29		
BYR	e(P)	13 15 52.1
Jan. 29		
BYR	e(P')	13 43 07.4
	eSKP	46 37.7
Jan. 29		
SPA	e(P)	15 33 22.9
Jan. 29		
SPA	e(P)	19 06 33.7
Jan. 29		
SPA	eP	19 31 49.9
Jan. 29		
BYR	eP	20 34 55.9
SPA	eP	20 35 45.9
Jan. 29		
BYR	eP	20 43 54.7
	e	46 16.6
	ePP	46 31.5
SPA	iP	20 44 25.7
Jan. 30		
SPA	eP	00 18 05.6
Jan. 30		
BYR	e(P)	00 55 08.4
SPA	eP	00 55 45.8
Jan. 30		
SPA	eP	02 17 05.4
Jan. 30		
SPA	e(P)	05 48 33.2
Jan. 30		
BYR	e(P)	08 47 58.4
Jan. 30		
BYR	e(P)	09 52 24.1
Jan. 30		
SPA	eP	11 26 45.3
Jan. 30		
BYR	e(P)	11 32 07.2
SPA	eP	11 31 51.0
Jan. 30		
BYR	iP'	12 32 16.3
SPA	eP'	12 32 27.3
Jan. 31		
BYR	e(P)	00 46 05.7
Jan. 31		
BYR	e(P')	01 07 51.2
	eSKP	10 42.7
	e(SKKP)	20 04.8

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Date and Station		Phase (GCT)
		h m s
SPA	iP'	01 08 15.0
	i	08 24.8
	iSKP	11 27.2
Jan. 31		
SPA	eP	01 37 32.7
Jan. 31		
SPA	eP	06 08 09.4
Jan. 31		
BYR	eP	06 24 07.3
SPA	e(P)	06 24 13.9
Jan. 31		
BYR	e(P)	07 56 18.4
SPA	eP	07 56 40.4
Jan. 31		
SPA	eP	11 14 49.9
Jan. 31		
SPA	iP	13 34 08.2
Jan. 31		
BYR	iP	14 09 53.8
SPA	iP	14 10 11.2
Jan. 31		
BYR	eP	18 47 09.7
	e	55 03.8
SPA	iP	18 47 56.3
Feb. 1		
SPA	iP	00 41 27.2
Feb. 1		
SPA	eP	01 45 52.6
Feb. 1		
BYR	e(P)	04 42 04.0
SPA	iP	04 42 42.5
Feb. 1		
BYR	e(P)	05 23 36.9
Feb. 1		
SPA	eP	06 29 38.9
Feb. 1		
BYR	eP	06 38 47.2
SPA	iP	06 39 09.4
Feb. 1		
BYR	e(P)	07 58 24.1
SPA	eP	07 59 10.2
Feb. 1		
BYR	e(P)	08 48 04.5

Date and Station		Phase (GCT)
		h m s
Feb. 1		
SPA	eP	11 46 44.4
Feb. 1		
BYR	e(P)	15 00 17.6
Feb. 1		
BYR	eP	15 53 51.8
SPA	eP	15 53 43.5
Feb. 1		
BYR	e(P)	18 58 09.6
Feb. 1		
BYR	eP	20 19 14.6
SPA	iP	20 19 44.5
Feb. 2		
BYR	e(P)	02 11 00.6
Feb. 2		
BYR	e(P)	02 27 39.7
Feb. 2		
BYR	e(P)	05 00 33.2
Feb. 2		
BYR	eP	05 35 01.9
SPA	eP	05 34 09.6
Feb. 2		
BYR	e(P)	05 55 01.4
Feb. 2		
BYR	eP	06 53 57.8
Feb. 2		
BYR	e(P)	07 12 12.9
Feb. 2		
BYR	eP	08 12 29.7
SPA	eP	08 12 44.7
Feb. 2		
BYR	eP	08 27 18.1
SPA	eP	08 28 10.5
Feb. 2		
BYR	e(P)	09 54 17.3
Feb. 2		
SPA	iP	10 02 01.2
Feb. 2		
BYR	e(P)	11 27 26.4
	ePP	31 41.8
	e	43 12.9
SPA	eP	11 27 24.8
	ePP	31 29.1
Feb. 2		
BYR	eP	13 21 13.0

Date and Station		Phase (GCT)
		h m s
Feb. 2		
SPA	eP	14 34 30.9
Feb. 2		
BYR	eP	16 12 01.8
SPA	iP	16 12 38.8
Feb. 2		
BYR	e(P)	16 34 37.3
SPA	eP	16 35 23.5
Feb. 2		
SPA	eP	21 03 30.3
Feb. 3		
BYR	e(P)	02 39 47.5
Feb. 3		
BYR	eP	06 56 58.4
	e	57 24.6
SPA	iP	06 57 40.8
	i	58 07.0
Feb. 3		
BYR	e(P)	07 33 58.6
SPA	eP	07 33 45.5
Feb. 3		
BYR	e(P)	09 44 54.0
SPA	e(P)	09 45 51.7
Feb. 3		
SPA	eP	11 08 49.5
Feb. 3		
BYR	eP	11 11 58.9
SPA	iP	11 12 36.0
	i	12 44.9
	eS	21 15.7
Feb. 3		
SPA	eP	11 58 20.6
Feb. 3		
BYR	eP	12 09 22.8
SPA	iP	12 10 10.0
	i	10 13.2
Feb. 3		
BYR	iP	12 41 46.0
	iPcP	42 50.3
SPA	iP	12 42 13.9
	iPcP	43 19.2
Feb. 3		
BYR	iP'	13 50 42.7
SPA	eP'	13 50 40.3
Feb. 3		
BYR	eP	14 16 05.1

Date and Station		Phase (GCT)
		h m s
SPA	iP	14 16 52.7
Feb. 3		
BYR	iP	14 35 38.2
	e(S)	42 44.3
SPA	iP	14 36 17.2
	i	36 49.0
	iS	44 48.0
Feb. 3		
SPA	eP	15 24 13.8
Feb. 3		
SPA	eP	16 55 09.4
Feb. 3		
SPA	eP	20 10 14.1
Feb. 3		
SPA	iP	22 10 25.0
Feb. 4		
SPA	eP	00 45 09.0
Feb. 4		
SPA	eP	01 12 06.7
Feb. 4		
SPA	iP	01 24 05.2
	i	24 33.4
Feb. 4		
SPA	eP	01 44 41.0
Feb. 4		
SPA	eP	01 51 41.0
	e	55 11.8
Feb. 4		
SPA	eP	02 28 06.5
Feb. 4		
SPA	eP	03 06 40.5
Feb. 4		
SPA	eP	03 21 38.0
Feb. 4		
SPA	eP	04 09 55.4
Feb. 4		
SPA	iP	04 16 47.6
Feb. 4		
SPA	eP	06 12 11.6
Feb. 4		
SPA	eP	06 35 51.4
Feb. 4		
SPA	eP	07 11 30.1
Feb. 4		
SPA	iP'	09 10 13.3
	i	10 50.0

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Date and Station		Phase	Phase (GCT)
			h m s
Feb. 4			
SPA		eP	09 21 27.5
Feb. 4			
SPA		eP	09 53 09.2
Feb. 4			
SPA		eP	10 36 43.9
Feb. 4			
SPA		eP	11 00 53.9
Feb. 4			
SPA		eP	12 27 56.0
Feb. 4			
SPA		eP	13 08 39.2
Feb. 4			
SPA		iP	15 26 25.0
		i	26 44.7
Feb. 4			
SPA		iP	15 34 14.3
		i	34 22.9
Feb. 4			
SPA		eP	16 04 16.2
Feb. 4			
SPA		e(P)	17 42 43.8
Feb. 4			
BYR		e(P')	19 28 02.1
SPA		e(P')	19 27 52.0
Feb. 4			
SPA		eP	19 38 41.8
Feb. 4			
BYR		eP	19 48 00.4
		e	53 21.9
SPA		iP	19 47 42.1
Feb. 4			
SPA		e(P)	20 12 10.0
Feb. 4			
SPA		eP	20 53 38.3
Feb. 4			
SPA		eP	21 18 51.5
Feb. 4			
SPA		e(P)	22 31 32.3
Feb. 4			
BYR		e(P)	22 53 30.6
Feb. 5			
BYR		e(P)	00 18 10.8
		e	21 30.3
Feb. 5			
SPA		eP	00 21 33.9
Feb. 5			
SPA		eP	02 02 34.1
Feb. 5			
SPA		eP	03 48 39.1
Feb. 5			
SPA		eP	04 47 44.4
Feb. 5			
BYR		e(P)	06 28 40.8
SPA		eP	06 27 56.0
Feb. 5			
BYR		e(P)	07 34 01.6
Feb. 5			
BYR		iP	07 49 52.3
SPA		iP	07 50 23.9
		ipP	52 23.1
Feb. 5			
SPA		eP	08 43 17.8
Feb. 5			
SPA		eP	11 11 44.1
Feb. 5			
BYR		e(P)	11 19 07.5
SPA		iP	11 18 37.5
Feb. 5			
BYR		eP	12 04 50.8
SPA		iP	12 05 39.0
Feb. 5			
BYR		e(P)	12 56 20.0
SPA		eP	12 56 54.9
Feb. 5			
BYR		e(P)	13 02 41.2
SPA		eP	13 01 53.3
		e	02 54.0
Feb. 5			
BYR		eP	15 51 30.7
SPA		eP	15 52 10.0
Feb. 5			
SPA		eP	16 08 41.6
Feb. 5			
BYR		e(P)	17 58 01.2
		e	58 05.7
SPA		eP	17 56 50.3
Feb. 5			
BYR		eP	18 01 08.7
SPA		iP	17 59 59.1
Feb. 5			
SPA		eP	18 12 39.9
Feb. 5			
BYR		eP	18 20 07.6
Feb. 5			
BYR		e(P)	19 20 53.4
Feb. 5			
SPA		eP	19 28 18.3
Feb. 5			
SPA		iP	19 36 11.9
Feb. 5			
BYR		eP	20 49 10.1
Feb. 5			
BYR		e(P)	22 52 39.3
SPA		e(P)	22 51 05.2
Feb. 5			
BYR		eP	23 03 41.3
SPA		iP	23 02 33.2
Feb. 6			
BYR		e(P)	00 10 24.6
Feb. 6			
SPA		iP	00 25 56.2
Feb. 6			
BYR		iP	01 10 37.1
SPA		iP	01 09 50.1
Feb. 6			
BYR		e(P)	03 53 15.2
Feb. 6			
BYR		e(P)	06 38 22.6
SPA		eP	06 38 56.9
Feb. 6			
BYR		eP	08 49 06.6
Feb. 6			
BYR		iP	10 40 31.4
		i	41 00.6
		eS	48 57.8
SPA		eP	10 41 09.8
Feb. 6			
BYR		e(P)	11 09 09.1
		e	09 52.3
Feb. 6			
SPA		eP	11 12 18.6
Feb. 6			
BYR		iP	11 31 02.3
SPA		iP	11 32 30.4
Feb. 6			
BYR		eP'	12 31 38.3
		eSKP	35 10.1
SPA		eP'	12 31 47.0
Feb. 6			
SPA		eP	12 43 28.2
Feb. 6			
SPA		iP	15 11 20.3
Feb. 6			
BYR		e(P)	16 42 21.9
SPA		eP	16 42 45.3
Feb. 6			
BYR		e(P')	18 34 29.1
		i	34 38.6
		ESKP	38 03.6
SPA		eP'	18 34 39.5
		i	34 54.8
		e(PP)	37 31.3
		e	38 02.1
Feb. 6			
BYR		e(P)	18 46 19.1
Feb. 6			
SPA		iP	19 41 24.5
Feb. 6			
SPA		e(P)	19 51 20.5
Feb. 6			
BYR		iP	19 56 21.4
Feb. 6			
BYR		eP	20 06 40.9
Feb. 6			
BYR		eP	20 23 40.4
		e	28 50.8
SPA		iP	20 23 50.0
Feb. 6			
BYR		eP	21 36 10.5
Feb. 6			
BYR		iP	21 57 33.0
		iS	22 07 46.6
		e	14 22.2
SPA		iP	21 57 37.4
		i	58 19.8
		eS	22 07 52.8
		ePKKP	15 53.3
Feb. 6			
BYR		iP	22 09 57.1
SPA		eP	22 10 01.8
Feb. 6			
BYR		e(P)	22 23 41.6
SPA		eP	22 23 23.3
		e	27 20.1
Feb. 6			
BYR		e(P)	22 28 22.2

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Date and Station		Phase (GCT)
		h m s
Feb. 6		
BYR	e(P)	22 44 15.2
SPA	e(P)	22 44 14.6
Feb. 7		
SPA	eP	01 04 53.8
Feb. 7		
BYR	eP	01 55 24.6
SPA	iP	01 55 40.1
	iPP	58 36.8
Feb. 7		
BYR	e(P)	02 19 48.9
SPA	eP	02 20 12.3
Feb. 7		
BYR	eP	03 09 34.1
SPA	iP	03 09 49.6
Feb. 7		
BYR	eP	04 11 32.3
SPA	iP	04 11 47.5
Feb. 7		
BYR	e(P)	04 38 05.4
	e	39 18.2
Feb. 7		
BYR	eP	05 24 50.0
SPA	e(P)	05 24 28.7
Feb. 7		
BYR	e(P)	05 38 17.9
SPA	eP	05 38 33.5
Feb. 7		
BYR	eP	06 13 55.4
SPA	eP	06 14 09.4
Feb. 7		
BYR	eP	06 29 54.7
SPA	eP	06 30 10.2
	i	30 20.5
Feb. 7		
SPA	eP	12 15 25.3
Feb. 7		
SPA	e(P)	12 35 11.8
Feb. 7		
BYR	eP	14 33 29.7
SPA	iP	14 34 16.6
Feb. 7		
BYR	eP	14 56 05.7
Feb. 7		
BYR	eP	15 03 28.4
SPA	iP	15 04 15.6
Feb. 7		
SPA	eP	15 58 49.6
Feb. 7		
SPA	eP	19 16 30.1
Feb. 7		
BYR	eP'	21 20 53.0
SPA	eP'	21 20 52.5
Feb. 7		
BYR	eP'	23 46 31.2
SPA	eP'	23 46 38.5
	eSKP	50 16.3
Feb. 8		
BYR	iP	02 47 50.5
SPA	iP	02 48 07.5
	i	48 14.1
Feb. 8		
BYR	eP	03 15 34.0
SPA	eP	03 14 25.4
Feb. 8		
SPA	eP	03 32 52.5
Feb. 8		
BYR	eP	04 43 56.5
Feb. 8		
BYR	iP	06 22 51.1
Feb. 8		
BYR	iP	08 14 44.2
	ipP	16 56.0
SPA	iP	08 15 19.6
	iPcP	15 38.2
	ipP	17 29.4
	eS	24 29.6
Feb. 8		
BYR	e(P)	08 41 56.4
SPA	iP	08 42 06.4
Feb. 8		
BYR	eP	09 58 33.0
SPA	iP	09 58 18.9
	i	58 32.4
Feb. 8		
BYR	eP	12 10 33.9
SPA	iP	12 11 09.4
Feb. 8		
BYR	eP	17 07 12.2
SPA	iP	17 07 43.4
Feb. 8		
BYR	iP	18 00 34.4
SPA	iP	18 01 05.4
	i	01 12.7
	ipP	02 55.9
	eS	09 32.1
Feb. 8		
SPA	eP	18 28 53.6
	e	31 47.2
Feb. 8		
BYR	eP	19 38 25.0
SPA	eP	19 38 22.9
Feb. 8		
BYR	e(P)	20 46 54.5
Feb. 8		
SPA	iP	20 51 04.5
Feb. 8		
BYR	eP	21 32 56.3
SPA	iP	21 33 31.3
Feb. 8		
BYR	e(P)	21 47 33.5
SPA	e(P)	21 48 25.3
Feb. 8		
SPA	eP	22 59 45.2
Feb. 9		
BYR	eP	00 11 32.8
SPA	iP	00 11 36.4
	i	11 46.9
Feb. 9		
BYR	iP	02 17 57.9
	i	18 15.2
	i	18 35.6
	ePcP	18 54.0
	i	19 19.0
	eScP	22 59.2
	eS	25 51.6
SPA	iP	02 18 32.9
	i	18 58.5
	i	19 47.0
	i	23 50.0
	i	24.50.3
	eS	26 59.0
Feb. 9		
SPA	iP	02 38 06.2
Feb. 9		
BYR	e(P)	02 46 51.8
	e	47 36.1
SPA	eP	02 47 25.8
Feb. 9		
BYR	e(P)	03 20 47.6
Feb. 9		
SPA	eP	04 40 06.0
Feb. 9		
SPA	eP	06 12 08.0
Feb. 9		
SPA	eP	06 51 37.3
Feb. 9		
BYR	e(P)	07 36 30.7
Feb. 9		
SPA	e(P)	08 56 05.0
Feb. 9		
BYR	eP	09 15 50.3
SPA	iP	09 16 04.8
Feb. 9		
SPA	eP	11 59 16.3
Feb. 9		
BYR	eP	13 22 59.6
SPA	eP	13 23 48.6
Feb. 9		
SPA	e(P)	14 26 25.8
Feb. 9		
SPA	eP	14 53 26.0
Feb. 9		
SPA	e(P)	17 05 33.0
Feb. 9		
BYR	eP	20 34 00.9
Feb. 9		
SPA	eP	20 48 26.3
Feb. 9		
BYR	e(P)	22 38 46.4
SPA	iP	22 39 16.0
Feb. 9		
BYR	eP	22 45 14.4
Feb. 10		
BYR	e(P)	00 47 04.3
SPA	iP	00 47 36.8
Feb. 10		
SPA	e(P)	01 18 07.3
Feb. 7		
BYR	e(P)	01 35 05.1

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Date and Station		Phase	(GCT)
			h m s
Feb. 10			
SPA		eP	01 51 00.8
Feb. 10			
SPA		e(P)	04 05 07.2
Feb. 10			
BYR		eP	05 03 36.6
Feb. 10			
BYR		eP	07 17 40.8
Feb. 10			
BYR		eP	07 31 40.6
SPA		eP	07 32 31.3
Feb. 10			
SPA		eP	08 00 36.3
Feb. 10			
BYR		e(P)	09 00 29.5
Feb. 10			
BYR		e(P)	09 31 58.6
Feb. 10			
BYR		e(P)	11 21 18.1
Feb. 10			
SPA		eP	12 08 16.5
Feb. 10			
BYR		eP	13 32 21.9
SPA		eP	13 32 05.2
Feb. 10			
BYR		eP	14 34 59.4
SPA		iP	14 35 44.4
Feb. 10			
BYR		e(P)	16 17 56.1
SPA		eP	16 16 51.2
Feb. 10			
SPA		e(P)	17 11 39.1
Feb. 10			
BYR		eP	18 23 19.0
SPA		eP	18 24 14.4
Feb. 11			
BYR		e(P)	00 35 22.9
Feb. 11			
BYR		iP	01 13 21.9
SPA		iP	01 13 57.7
Feb. 11			
BYR		e(P)	01 40 19.7
Feb. 11			
SPA		e(P)	04 13 33.3
Feb. 11			
BYR		iP	06 29 10.5
SPA		eP	06 29 00.1
Feb. 11			
BYR		eP'	06 30 33.1
		e	33 26.4
SPA		iP'	06 30 30.8
Feb. 11			
BYR		e(P)	06 40 45.6
Feb. 11			
BYR		e(P)	06 46 37.3
Feb. 11			
BYR		e(P)	08 55 37.1
SPA		eP	08 57 41.1
Feb. 11			
BYR		eP	09 44 47.0
		e	45 18.3
SPA		iP	09 45 26.0
Feb. 11			
SPA		iP	11 02 56.7
Feb. 11			
BYR		iP	11 37 58.2
		iPcP	38 51.2
SPA		iP	11 38 35.7
Feb. 11			
SPA		eP	12 37 03.6
Feb. 11			
SPA		eP	14 23 53.6
Feb. 11			
SPA		eP	14 43 07.4
Feb. 11			
BYR		iP	16 56 40.0
SPA		iP	16 57 13.6
		i	57 23.5
		ipP	58 08.7
Feb. 11			
BYR		e(P)	17 25 14.3
Feb. 11			
BYR		eP	20 27 52.9
Feb. 11			
BYR		iP	21 10 48.4
		iPcP	11 45.2
SPA		iP	21 11 23.5
		i	11 39.0
		i	14 51.5
		iS	19 48.0
Feb. 11			
BYR		e(P)	21 30 32.7
		e	33 30.6
SPA		eP	21 30 08.2
Feb. 11			
BYR		e(P)	21 39 22.6
		e	40 24.1
SPA		iP	21 40 07.3
		i	40 24.5
Feb. 11			
BYR		e(P)	22 12 40.4
		e	13 38.1
SPA		iP	22 13 15.7
Feb. 11			
BYR		iP	22 53 57.9
SPA		iP	22 54 36.0
Feb. 12			
SPA		eP	00 55 55.7
Feb. 12			
BYR		iP	01 27 33.5
SPA		iP	01 28 48.2
Feb. 12			
SPA		eP	03 07 04.9
Feb. 12			
SPA		iP	03 14 11.7
Feb. 12			
BYR		eP	06 15 50.7
SPA		eP	06 16 06.4
Feb. 12			
BYR		eP	06 31 54.6
SPA		e(P)	06 32 22.6
		i	32 26.2
Feb. 12			
BYR		e(P)	07 33 15.1
Feb. 12			
SPA		eP	10 50 31.2
Feb. 12			
SPA		eP	11 18 36.8
Feb. 12			
SPA		eP	11 37 46.7
Feb. 12			
BYR		e(P)	11 42 55.7
SPA		e(P)	11 43 27.4
Feb. 12			
BYR		iP	12 20 04.5
		epP	21 06.7
SPA		iP	12 20 37.7
Feb. 12			
BYR		iP	13 07 51.9
		i	08 01.9
		epP	09 58.2
SPA		iP	13 08 11.8
		eS	17 12.0
Feb. 12			
SPA		e(P)	14 14 13.9
Feb. 12			
BYR		eP	15 34 09.3
SPA		eP	15 33 51.0
Feb. 12			
SPA		eP	16 54 18.5
Feb. 12			
SPA		eP	20 29 26.9
Feb. 12			
BYR		e(P')	22 12 45.3
		i	13 11.9
		e(SKP)	15 41.0
		e(PKS)	16 24.2
SPA		e(P')	22 12 44.7
		i	12 58.5
		iSKP	15 21.8
		e	25 05.7
Feb. 12			
BYR		eP	22 56 47.0
SPA		eP	22 57 04.0
Feb. 12			
BYR		e(P)	23 10 46.2
Feb. 12			
SPA		eP	23 13 43.0
Feb. 12			
BYR		e(P')	23 45 43.0
		i	45 49.8
		eSKP	49 16.0
SPA		eP'	23 45 49.9
		i	46 02.6
		eSKP	48 33.7
		eSKKP	58 10.0
Feb. 13			
BYR		eP	00 47 10.8
		e	47 20.5
Feb. 13			
BYR		eP'	00 51 10.6
Feb. 13			
SPA		iP	01 25 03.9

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Date and Station		Phase (GCT)
		h m s
Feb. 13		
BYR	e(P')	02 49 20.0
	e	50 31.0
Feb. 13		
BYR	e(P)	03 10 05.2
Feb. 13		
BYR	eP	04 04 42.6
Feb. 13		
BYR	e(P)	04 43 14.8
Feb. 13		
BYR	e(P')	05 02 36.6
Feb. 13		
SPA	eP	05 57 07.0
	i	57 11.8
Feb. 13		
BYR	eP	06 56 32.9
Feb. 13		
SPA	eP	09 04 29.7
Feb. 13		
BYR	eP'	09 26 13.3
Feb. 13		
BYR	eP	13 58 20.6
SPA	iP	13 58 24.8
Feb. 13		
SPA	eP	14 10 33.7
Feb. 13		
BYR	e(P)	14 44 17.7
Feb. 13		
BYR	iP	16 30 06.9
SPA	eP	16 29 46.5
Feb. 13		
SPA	e(P)	16 39 44.5
Feb. 13		
BYR	eP'	16 46 36.0
	i	46 50.9
	ePP	49 16.9
SPA	iP'	16 46 39.6
	iPP	49 17.5
Feb. 13		
BYR	e(P)	16 56 15.0
	e	58 29.9
Feb. 13		
BYR	eP'	18 09 28.0
	e	09 41.7
	e(PKS)	13 39.0
Feb. 13		
SPA	eP	19 50 35.1
Feb. 13		
BYR	eP	21 39 53.8

Date and Station		Phase (GCT)
		h m s
Feb. 13		
BYR	eP'	22 56 26.8
	e	56 41.2
Feb. 13		
BYR	e(P)	23 15 31.2
Feb. 14		
BYR	eP'	03 10 21.3
	eSKP	13 46.6
Feb. 14		
BYR	e(P)	03 34 41.6
Feb. 14		
BYR	iP'	03 41 18.8
	eSKP	44 41.3
SPA	eP'	03 41 18.4
	ePP	43 48.0
Feb. 14		
BYR	e(P)	03 54 08.8
Feb. 14		
BYR	eP	04 05 57.2
Feb. 14		
BYR	e(P)	04 08 56.6
Feb. 14		
BYR	iP	05 52 09.0
SPA	iP	05 53 01.2
Feb. 14		
BYR	e(P)	07 06 30.0
Feb. 14		
BYR	e(P)	07 27 37.1
Feb. 14		
BYR	e(P)	09 05 40.6
Feb. 14		
BYR	eP	10 13 58.5
SPA	iP	10 14 15.1
Feb. 14		
BYR	eP	11 08 27.6
Feb. 14		
SPA	eP	11 12 29.7
Feb. 14		
BYR	eP	16 02 01.1
SPA	eP	16 02 37.7
Feb. 14		
BYR	e(P)	16 55 18.6
Feb. 14		
SPA	e(P)	17 38 40.3
Feb. 14		
BYR	e(P)	20 29 50.4
	e	32 15.1

Date and Station		Phase (GCT)
		h m s
SPA	e(P)	22 48 53.1
Feb. 15		
BYR	eP	01 21 27.9
	e	21 46.4
SPA	eP	01 22 06.9
Feb. 15		
BYR	e(P)	01 46 00.1
Feb. 15		
SPA	iP	01 50 12.6
Feb. 15		
BYR	eP	02 19 54.0
SPA	iP	02 20 15.3
Feb. 15		
BYR	eP	06 37 00.2
SPA	eP	06 37 34.3
Feb. 15		
BYR	e(P')	11 04 15.9
	i	04 29.2
	ipP	04 41.3
SPA	eP'	11 04 17.8
	i	04 31.4
	ipP'	04 42.0
	ePP	07 04.0
Feb. 15		
BYR	e(P')	11 47 58.6
SPA	eP'	11 47 41.4
Feb. 15		
BYR	e(P)	12 15 54.9
	e	17 02.9
SPA	eP	12 15 54.5
Feb. 15		
BYR	eP	15 11 41.7
Feb. 15		
BYR	eP	16 41 52.8
SPA	iP	16 42 22.9
Feb. 15		
BYR	e(P)	18 03 42.7
	e	03 48.5
SPA	eP	18 04 04.9
Feb. 15		
SPA	eP	19 28 41.9
Feb. 15		
BYR	e(P)	20 57 19.7
Feb. 15		
BYR	eP	21 45 42.6

Date and Station		Phase (GCT)
		h m s
Feb. 16		
BYR	eP	00 39 16.3
SPA	iP	00 39 47.5
Feb. 16		
BYR	e(P)	00 52 39.4
Feb. 16		
BYR	e(P)	01 57 10.1
Feb. 16		
SPA	eP	02 45 56.3
Feb. 16		
BYR	e(P)	03 35 15.1
SPA	eP	03 36 13.4
Feb. 16		
SPA	e(P)	05 29 25.9
Feb. 16		
BYR	eP'	09 13 31.0
SPA	eP'	09 13 27.2
Feb. 16		
BYR	e(P)	13 36 08.2
	e	40 04.9
SPA	iP	13 36 32.3
	e	40 35.2
Feb. 16		
BYR	eP	14 12 22.9
SPA	iP	14 12 27.5
Feb. 16		
BYR	iP'	14 14 16.0
	e(SKP)	17 14.0
SPA	eP'	14 14 06.3
Feb. 16		
BYR	e(P')	15 13 38.5
Feb. 16		
BYR	eP	15 44 06.1
SPA	iP	15 44 22.6
Feb. 16		
BYR	e(P)	16 05 41.1
Feb. 16		
BYR	eP	16 22 06.2
SPA	iP	16 21 32.2
Feb. 16		
BYR	e(P)	17 31 36.6
SPA	e(P)	17 32 17.3
Feb. 16		
BYR	e(P)	18 45 48.5

Date and Station		Phase	Phase (GCT) h m s
Feb. 16			
BYR		eP	20 40 06.5
Feb. 16			
BYR		e(P)	23 49 22.7
		e	54 59.7
Feb. 17			
BYR		eP	00 33 13.0
SPA		eP	00 33 50.4
Feb. 17			
BYR		e(P)	00 50 16.0
Feb. 17			
BYR		e(P)	02 44 59.9
Feb. 17			
BYR		eP	06 24 33.0
Feb. 17			
BYR		e(P)	12 51 47.3
SPA		eP	12 50 38.2
		i	51 45.2
Feb. 17			
BYR		e(P)	13 50 49.1
Feb. 17			
SPA		eP	13 58 26.9
Feb. 17			
BYR		e(P)	15 50 56.8
Feb. 17			
BYR		iP	19 07 33.1
Feb. 17			
BYR		eP	20 01 13.9
Feb. 18			
SPA		e(P)	05 50 00.2
Feb. 18			
SPA		iP	12 16 36.6
		i	16 45.8
		i	16 53.5
Feb. 18			
SPA		eP	16 52 24.2
Feb. 18			
SPA		iP	17 15 00.3
		e	17 03.9
Feb. 18			
SPA		eP	18 46 00.0
Feb. 18			
SPA		eP	20 13 47.2
Feb. 19			
BYR		iP	03 29 45.2
Feb. 19			
BYR		e(P)	07 21 53.3
Feb. 19			
SPA		eP	07 45 01.1
		i	47 50.5
Feb. 19			
SPA		eP	10 31 56.0
		e	32 06.3
Feb. 19			
SPA		eP	11 11 21.1
Feb. 19			
SPA		eP	12 00 51.7
		e	05 13.3
Feb. 19			
SPA		iP	12 15 22.6
Feb. 19			
BYR		iP	12 45 38.9
Feb. 19			
SPA		iP	12 57 21.9
		i	57 27.1
Feb. 19			
SPA		eP	16 35 09.4
Feb. 19			
BYR		eP	22 12 08.1
Feb. 20			
SPA		eP	00 36 16.5
Feb. 20			
BYR		e(P)	03 28 14.3
Feb. 20			
SPA		eP	08 13 55.8
Feb. 20			
BYR		e(P)	09 22 27.4
SPA		e(P)	09 22 48.2
Feb. 20			
BYR		e(P)	09 41 37.4
Feb. 20			
SPA		e(P)	10 09 32.7
Feb. 20			
BYR		eP	13 16 08.1
SPA		eP	13 16 52.7
Feb. 20			
SPA		iP	13 24 46.7
		i	24 53.7
Feb. 20			
BYR		iP	14 29 54.5
		i	30 04.7
SPA		iP	14 29 56.5
		i	30 06.5
		ipP	30 15.9
Feb. 20			
BYR		eP	18 27 45.3
Feb. 20			
BYR		iP	18 34 46.1
		ipP	35 12.4
		isP	35 25.4
Feb. 20			
BYR		e(P)	19 04 38.9
SPA		eP	19 04 54.8
		i	05 15.5
Feb. 20			
BYR		eP	22 39 09.4
SPA		iP	22 39 47.1
		i	39 55.3
Feb. 20			
BYR		eP	23 16 39.0
SPA		iP	23 16 27.5
Feb. 21			
BYR		eP	01 15 38.0
Feb. 21			
BYR		eP	04 02 32.8
Feb. 21			
BYR		eP	05 14 29.9
Feb. 21			
BYR		eP	08 06 22.2
Feb. 21			
BYR		eP	16 37 46.3
Feb. 21			
BYR		e(P)	19 19 40.9
SPA		e(P)	19 18 39.9
Feb. 21			
SPA		e(P)	21 16 58.7
Feb. 21			
BYR		eP	23 34 42.9
Feb. 21			
SPA		eP	23 41 18.4
Feb. 21			
SPA		iP	23 50 02.7
Feb. 22			
SPA		eP	05 03 26.7
Feb. 22			
SPA		e(P)	08 29 16.8
Feb. 22			
SPA		e(P)	14 51 34.2
Feb. 22			
SPA		e(P)	15 55 51.1
Feb. 22			
BYR		eP	17 45 35.1
Feb. 22			
BYR		eP	17 54 52.5
Feb. 22			
BYR		eP	18 44 47.6
Feb. 22			
BYR		eP	20 14 41.6
Feb. 22			
BYR		iP	22 03 13.0
		i	03 28.7
Feb. 23			
BYR		eP	02 58 49.1
Feb. 23			
BYR		e(P)	03 12 55.3
		i	13 57.6
SPA		e(P)	03 12 43.1
Feb. 23			
SPA		e(P)	04 14 34.9
Feb. 23			
BYR		eP	04 27 54.2
Feb. 23			
BYR		eP'	04 35 24.6
SPA		eP'	04 35 22.1
Feb. 23			
BYR		e(P)	05 02 53.6
Feb. 23			
BYR		iP	06 44 17.4
Feb. 23			
BYR		eP	08 16 35.8
Feb. 24			
BYR		eP	01 39 39.9
Feb. 24			
SPA		iP	01 54 48.5
Feb. 24			
BYR		e(P')	03 22 58.4
Feb. 24			
SPA		iP	03 31 33.0
Feb. 24			
BYR		eP	03 33 12.8
Feb. 24			
SPA		eP	04 35 54.1
Feb. 24			
BYR		iP	08 26 47.2
		epP	27 14.9
		esP	27 28.2
SPA		eP	08 27 25.2
Feb. 24			
SPA		e(P)	10 58 45.8

Date and Station		Phase (GCT)
		h m s
Feb. 24		
BYR	e(P)	15 47 30.5
Feb. 24		
BYR	e(P)	20 08 29.9
SPA	e(P)	20 08 20.0
Feb. 24		
BYR	e(P)	22 03 09.6
	e	03 29.2
	e	07 38.2
Feb. 24		
BYR	eP	22 15 20.7
SPA	e(P)	22 14 58.7
Feb. 25		
BYR	e(P)	01 03 36.3
Feb. 25		
BYR	eP	01 30 26.1
SPA	e(P)	01 30 43.0
Feb. 25		
BYR	eP	03 40 33.4
Feb. 25		
BYR	eP	05 05 01.3
SPA	iP	05 05 31.0
	epP	07 33.3
Feb. 25		
BYR	e(P)	05 33 14.7
	e	33 38.0
SPA	e(P)	05 34 37.9
Feb. 25		
BYR	eP	08 34 00.5
SPA	iP	08 34 30.8
	epP	36 26.1
Feb. 25		
BYR	eP	11 35 57.8
Feb. 25		
SPA	iP	14 03 17.1
Feb. 25		
BYR	eP	15 13 06.8
	i	13 11.9
SPA	eP	15 13 39.5
	i	13 44.3
	e	14 59.3
Feb. 25		
BYR	eP	15 33 51.6
Feb. 25		
BYR	e(P)	15 42 00.1
Feb. 25		
SPA	e(P)	19 02 11.5

Date and Station		Phase (GCT)
		h m s
Feb. 26		
SPA	e(P)	01 54 46.2
Feb. 26		
BYR	e(P)	02 17 41.4
Feb. 26		
BYR	eP	03 06 12.4
SPA	eP	03 06 09.9
Feb. 26		
BYR	e(P)	03 23 07.6
	e	23 14.4
Feb. 26		
BYR	eP	05 20 09.4
	e	30 13.8
SPA	eP	05 19 49.4
Feb. 26		
BYR	eP	05 57 22.6
SPA	iP	05 58 36.0
	i	59 01.8
Feb. 26		
SPA	eP	06 28 35.0
Feb. 26		
SPA	eP	07 43 41.9
Feb. 26		
BYR	eP	11 29 53.2
Feb. 26		
BYR	eP'	18 29 44.3
	i	29 46.5
	ipP'	30 02.5
	iPP	31 33.7
SPA	iP'	18 29 29.7
	ipP'	30 04.5
	iPP	31 17.7
Feb. 26		
BYR	e(P)	21 17 18.1
	e	19 46.5
SPA	e(P)	21 17 40.5
Feb. 26		
BYR	e(P)	21 30 37.1
Feb. 27		
BYR	iP	01 21 32.8
	e	21 51.7
SPA	eP	01 21 04.3
Feb. 27		
BYR	e(P)	01 38 58.3
Feb. 27		
BYR	e(P)	03 08 42.6
	e	09 03.8
Feb. 27		
BYR	eP	03 42 08.5

Date and Station		Phase (GCT)
		h m s
Feb. 27		
BYR	e(P)	05 53 42.2
Feb. 27		
BYR	e(P)	06 49 31.2
Feb. 27		
BYR	iP	10 38 59.7
SPA	iP	10 38 50.2
	i	38 58.7
Feb. 27		
BYR	e(P)	11 40 21.6
	i	40 29.4
SPA	iP	11 40 21.3
Feb. 27		
BYR	e(P)	12 08 13.0
	e	08 46.5
SPA	eP	12 08 20.3
Feb. 27		
BYR	eP	14 52 51.2
Feb. 27		
BYR	eP	15 58 20.4
Feb. 27		
BYR	e(P)	17 02 11.9
SPA	e(P)	17 01 03.7
Feb. 27		
BYR	e(P)	23 09 25.9
Feb. 28		
BYR	e(P)	08 41 40.1
Feb. 28		
BYR	e(P)	09 43 21.3
Feb. 28		
BYR	eP	12 32 25.4
Feb. 28		
BYR	eP'	12 52 45.0
	e	52 51.2
	e	53 07.6
Feb. 28		
BYR	e(P)	13 04 16.4
Feb. 28		
BYR	eP	15 21 32.1
Feb. 28		
BYR	e(P)	16 05 57.3
Feb. 28		
BYR	eP	17 03 03.3
Feb. 28		
BYR	eP	17 20 56.9
Feb. 28		
BYR	e(P)	18 07 15.3

Date and Station		Phase (GCT)
		h m s
Feb. 28		
BYR	e(P)	18 14 19.9
Feb. 28		
BYR	eP	20 06 21.2
Feb. 28		
BYR	eP	21 13 15.6
Feb. 28		
BYR	iP	21 28 23.4
	ipP	28 56.7
Mar. 1		
BYR	e(P)	01 34 39.4
Mar. 1		
BYR	e(P)	01 40 56.1
Mar. 1		
BYR	iP	03 33 10.1
	e	33 44.9
	epP	34 07.9
Mar. 1		
BYR	e(P)	03 50 11.0
Mar. 1		
BYR	iP	06 51 41.5
Mar. 1		
BYR	e(P)	08 23 11.4
Mar. 1		
BYR	e(P)	13 14 36.0
Mar. 1		
BYR	iP	13 26 33.8
	ePcP	26 48.2
Mar. 1		
BYR	e(P)	14 00 19.0
Mar. 1		
BYR	e(P)	14 18 13.4
	e	18 42.2
Mar. 1		
BYR	eP	14 43 05.0
Mar. 1		
BYR	iP	19 40 31.3
Mar. 1		
BYR	eP	23 30 17.9
Mar. 1		
BYR	eP	23 54 05.6
Mar. 2		
BYR	eP	00 11 36.3
Mar. 2		
BYR	iP	01 00 22.2
Mar. 2		
BYR	iP	01 32 32.1
	e	38 03.3
Mar. 2		
BYR	e(P)	03 54 05.0

Date and Station		Phase	(GCT) h m s
Mar. 2			
BYR		eP	09 31 12.1
Mar. 2			
BYR		eP	13 42 15.0
Mar. 2			
BYR		eP	15 30 42.9
Mar. 2			
BYR		eP	17 51 41.4
Mar. 2			
BYR		eP	19 32 45.6
Mar. 2			
BYR		e(P)	19 38 07.4
Mar. 2			
BYR		iP	20 52 08.4
Mar. 3			
BYR		eP	01 01 11.0
Mar. 3			
BYR		e(P)	02 37 02.2
Mar. 3			
BYR		e(P)	03 23 07.3
Mar. 3			
BYR		eP	03 30 13.3
Mar. 3			
BYR		eP	03 51 24.7
		e	51 50.6
Mar. 3			
BYR		e(P')	05 35 07.7
Mar. 3			
BYR		iP	06 36 11.3
Mar. 3			
BYR		eP	08 26 43.5
Mar. 3			
BYR		e(P)	09 17 39.2
Mar. 3			
BYR		eP	09 58 51.3
Mar. 3			
BYR		eP	12 49 21.6
Mar. 3			
BYR		e(P)	15 50 45.3
Mar. 3			
BYR		e(P)	15 17 40.6
Mar. 3			
BYR		e(P)	15 24 46.7
Mar. 3			
BYR		e(P)	15 37 08.3
Mar. 3			
BYR		eP	20 14 30.4
Mar. 3			
BYR		e(P)	20 24 40.9
		e	24 51.9
Mar. 3			
BYR		eP	20 28 53.9
Mar. 3			
BYR		iP	22 58 40.1
Mar. 4			
BYR		eP	00 03 22.8
Mar. 4			
BYR		eP	01 11 01.6
Mar. 4			
BYR		e(P)	02 00 16.5
Mar. 4			
BYR		e(P)	02 35 23.7
Mar. 4			
BYR		eP	02 37 56.2
Mar. 4			
SPA		eP	20 49 06.1
Mar. 4			
BYR		iP	10 29 59.0
		ipP	30 28.4
SPA		iP	10 30 37.8
Mar. 4			
BYR		eP	11 28 37.8
Mar. 4			
BYR		e(P)	12 06 31.1
Mar. 4			
BYR		e(P)	17 35 04.6
Mar. 4			
BYR		eP	18 50 30.2
Mar. 4			
BYR		iP	20 33 58.3
SPA		eP	20 33 37.3
Mar. 4			
BYR		e(P)	21 22 24.0
Mar. 4			
BYR		eP'	22 45 06.9
Mar. 5			
BYR		iP	01 38 16.1
		iPcP	38 33.4
SPA		iP	01 38 26.1
		iPcP	38 41.1
Mar. 5			
BYR		eP	02 14 51.8
Mar. 5			
BYR		e(P)	06 25 20.4
Mar. 5			
SPA		e(P)	08 57 24.2
		e	57 34.4
Mar. 5			
BYR		eP	10 49 50.0
SPA		iP	10 50 18.9
Mar. 5			
BYR		eP	15 40 02.6
Mar. 5			
BYR		eP	19 55 03.8
SPA		eP	19 54 30.9
Mar. 5			
BYR		eP	21 36 26.4
		ePcP	36 43.2
SPA		iP	21 36 59.8
		i	37 43.4
Mar. 6			
BYR		e(P)	05 44 46.3
SPA		eP	05 45 02.5
Mar. 6			
BYR		e(P)	09 48 55.0
Mar. 7			
SPA		eP	06 51 16.9
		i	51 23.8
Mar. 7			
SPA		eP	09 44 07.4
Mar. 7			
SPA		iP	10 20 56.0
		i	21 55.5
		i	24 19.1
		eS	28 47.1
Mar. 7			
SPA		eP	19 17 10.8
		i	17 43.1
Mar. 7			
SPA		e(P)	19 37 18.3
Mar. 7			
SPA		eP	19 58 58.0
Mar. 7			
SPA		eP	23 24 32.1
Mar. 8			
BYR		eP	02 06 16.1
Mar. 8			
BYR		iP	03 39 47.1
		i	40 27.8
SPA		iP	03 39 38.7
		i	40 10.3
Mar. 8			
BYR		eP	05 38 05.0
SPA		eP	05 38 39.3
		e	38 46.0
Mar. 8			
SPA		e(P)	07 31 06.5
Mar. 8			
SPA		eP	08 14 05.3
Mar. 8			
BYR		eP	08 38 33.6
Mar. 8			
BYR		e(P)	11 37 22.8
Mar. 8			
BYR		e(P)	12 51 42.9
Mar. 8			
SPA		iP	13 01 18.3
Mar. 8			
BYR		eP	15 04 26.4
		e	04 46.4
Mar. 8			
BYR		e(P)	17 05 55.4
SPA		eP	17 07 17.8
Mar. 8			
BYR		e(P)	18 32 38.4
Mar. 8			
BYR		e(P)	19 24 27.5
Mar. 8			
BYR		e(P)	19 58 33.0
SPA		eP	19 58 17.1
Mar. 8			
BYR		eP	21 01 05.3
Mar. 8			
BYR		e(P')	23 20 49.2
Mar. 8			
BYR		e(P)	23 51 03.5
Mar. 9			
BYR		iP	03 03 28.7
Mar. 9			
SPA		eP'	04 17 44.0
Mar. 9			
SPA		eP	10 12 37.0
Mar. 9			
SPA		eP	22 50 55.7
Mar. 10			
BYR		iP	03 07 59.5
		e	11 36.5
SPA		iP	03 08 05.7

Date and Station	Phase	(GCT)
		h m s
Mar. 10		
BYR	eP	10 10 45.1
Mar. 10		
BYR	e(P)	14 04 53.4
Mar. 10		
BYR	iP	15 41 40.6
SPA	eP	15 42 18.5
Mar. 10		
BYR	e(P)	20 00 49.2
	e	00 58.4
SPA	eP	20 01 38.0
Mar. 10		
BYR	eP	23 25 30.5
Mar. 10		
SPA	iP	23 48 06.5
Mar. 11		
BYR	eP	01 13 27.0
SPA	eP	01 14 04.1
Mar. 11		
BYR	e(P')	01 46 13.8
Mar. 11		
BYR	eP'	01 50 47.9
	e	50 55.8
	i	51 11.5
	iSKP	54 24.9
SPA	e(P')	01 50 48.5
	e	51 02.7
Mar. 11		
BYR	e(P')	07 38 08.6
Mar. 11		
BYR	eP	08 31 27.3
Mar. 11		
BYR	eP	08 53 39.3
Mar. 11		
BYR	e(P)	09 07 14.3
Mar. 11		
BYR	e(P)	13 12 43.5
Mar. 11		
BYR	e(P)	15 09 43.5
Mar. 11		
BYR	eP	15 54 07.4
Mar. 11		
BYR	eP	17 06 34.9
SPA	eP	17 06 38.9
Mar. 11		
BYR	eP	21 17 56.2
Mar. 12		
BYR	iP	01 33 38.8
SPA	eP	01 34 22.7
Mar. 12		
BYR	e(P)	02 15 58.7
Mar. 12		
BYR	eP	03 03 25.5
Mar. 12		
BYR	e(P)	03 22 31.8
Mar. 12		
BYR	iP	04 15 23.8
Mar. 12		
BYR	e(P)	05 41 41.5
Mar. 12		
BYR	eP	06 13 02.6
Mar. 12		
BYR	eP	06 56 37.8
Mar. 12		
BYR	eP	07 35 19.9
Mar. 12		
SPA	eP	08 48 22.9
Mar. 12		
BYR	eP	14 18 15.8
Mar. 12		
BYR	iP	15 51 53.8
SPA	eP	15 52 38.4
Mar. 12		
BYR	e(P)	16 06 35.2
Mar. 12		
BYR	eP	19 05 29.4
Mar. 12		
BYR	eP	22 59 48.5
Mar. 12		
BYR	iP	23 31 14.8
SPA	iP	23 31 52.0
Mar. 12		
BYR	eP	23 45 45.5
SPA	e(P)	23 45 14.3
Mar. 13		
BYR	eP	04 49 48.1
Mar. 13		
BYR	e(P)	05 03 44.9
Mar. 13		
BYR	e(P)	06 04 51.2
Mar. 13		
BYR	eP	07 31 15.0
Mar. 13		
BYR	e(P)	07 52 51.0
SPA	eP	07 53 22.5
Mar. 13		
BYR	eP	08 17 18.5
Mar. 13		
BYR	eP	09 18 01.6
	e	18 31.7
Mar. 13		
BYR	e(P)	09 25 58.4
SPA	eP	09 26 32.7
Mar. 13		
BYR	e(P)	10 19 26.7
SPA	eP	10 19 23.5
Mar. 13		
BYR	eP	13 06 37.4
Mar. 13		
BYR	eP	15 13 11.8
Mar. 13		
BYR	e(P)	16 32 45.2
Mar. 13		
BYR	e(P)	17 57 24.7
Mar. 13		
BYR	eP'	19 36 31.0
SPA	eP'	19 36 14.8
Mar. 13		
BYR	e(P)	20 42 08.3
	i	42 14.0
	i	42 33.3
	eScP	48 15.3
SPA	iP	20 41 59.0
	e	42 08.4
	iPP	42 58.6
	ePcP	44 32.7
	eScP	48 10.0
Mar. 13		
BYR	e(P)	21 14 05.6
Mar. 13		
BYR	eP	21 26 19.3
Mar. 14		
BYR	eP	01 22 51.8
SPA	eP	01 22 44.7
Mar. 14		
BYR	eP'	01 24 02.6
	eSKP	27 47.1
SPA	eP'	01 23 36.7
Mar. 14		
BYR	eP	04 28 49.8
Mar. 14		
BYR	iP	07 26 09.0
SPA	eP	07 25 53.6
Mar. 14		
BYR	e(P)	10 35 22.5
Mar. 14		
BYR	eP	11 49 34.7
Mar. 14		
BYR	e(P')	12 18 27.5
	e	18 35.5
Mar. 14		
BYR	eP	13 56 40.8
SPA	eP	13 56 25.1
Mar. 14		
BYR	eP	14 00 11.3
SPA	eP	14 00 33.2
Mar. 14		
BYR	eP	15 37 04.8
Mar. 15		
BYR	iP	00 52 03.9
SPA	iP	00 52 58.4
Mar. 15		
BYR	eP	01 10 29.7
SPA	eP	01 10 31.1
Mar. 15		
BYR	eP	01 36 17.7
Mar. 15		
BYR	e(P)	02 28 47.4
SPA	eP	02 30 52.1
	e	31 31.0
Mar. 15		
BYR	iP	10 27 38.2
	e(S)	37 48.7
SPA	iP	10 27 39.5
	i	28 08.2
Mar. 15		
SPA	e(P)	11 43 04.7
Mar. 15		
BYR	iP	13 13 31.1
	e	18 42.6
SPA	iP	13 13 33.0
Mar. 15		
BYR	eP	16 24 34.1
Mar. 15		
BYR	eP'	16 35 57.8

Date and Station	Phase	Phase (GCT) h m s
Mar. 15		
BYR	eP	18 40 00.8
Mar. 15		
BYR	e(P)	23 21 08.1
Mar. 16		
BYR	e(P)	04 09 34.9
Mar. 16		
BYR	iP	04 40 02.2
	epP	41 43.6
SPA	iP	04 40 32.4
Mar. 16		
BYR	e(P')	05 17 16.1
	eSKP	20 50.9
SPA	e(P')	05 17 32.1
Mar. 16		
BYR	eP	07 28 35.1
Mar. 16		
BYR	eP	08 03 23.2
SPA	e(P)	08 03 59.6
Mar. 16		
BYR	e(P)	09 40 20.9
Mar. 16		
BYR	eP	09 52 54.9
Mar. 16		
BYR	iP	11 32 25.9
SPA	eP	11 32 07.5
	epP	32 28.8
Mar. 16		
SPA	eP'	11 42 19.5
Mar. 16		
BYR	iP	13 58 15.5
	ePP	14 01 38.6
	eS	08 43.0
	ePKKP	16 14.5
SPA	iP	13 57 50.8
	i	58 07.4
	i	59 10.9
	i(S)	14 08 03.4
Mar. 16		
BYR	e(P)	14 54 02.5
Mar. 16		
BYR	e(P')	15 46 14.3
	e	46 24.9
	eSKP	49 45.6
Mar. 16		
BYR	e(P')	17 17 18.0
Mar. 16		
BYR	eP	18 31 55.9
Mar. 15		
BYR	iP	18 33 55.2
	ePP	37 27.0
SPA	iP	18 33 30.8
Mar. 16		
BYR	e(P)	18 54 24.2
Mar. 16		
BYR	eP	19 25 37.4
Mar. 16		
BYR	e(P)	20 15 32.1
SPA	eP	20 16 00.6
Mar. 16		
BYR	eP	20 26 45.7
Mar. 16		
BYR	e(P)	22 27 59.1
SPA	e(P)	22 26 58.8
Mar. 16		
BYR	eP	22 43 30.1
SPA	eP	22 44 05.8
Mar. 16		
BYR	e(P)	22 59 27.3
Mar. 16		
BYR	eP	23 04 59.9
Mar. 16		
BYR	eP	23 22 58.1
SPA	eP	23 23 34.9
Mar. 16		
BYR	eP	23 29 51.3
SPA	e(P)	23 31 14.1
Mar. 16		
BYR	eP	23 42 38.1
Mar. 17		
BYR	eP	02 03 30.4
Mar. 17		
BYR	eP	03 49 21.7
	ePcP	49 49.8
Mar. 17		
BYR	iP	05 03 46.2
SPA	eP	05 03 21.0
Mar. 17		
BYR	e(P)	05 16 18.2
Mar. 17		
BYR	e(P)	06 08 55.5
Mar. 17		
BYR	iP	06 22 26.0
SPA	eP	06 22 01.1
Mar. 17		
BYR	eP	06 44 05.4
Mar. 17		
BYR	e(P)	10 17 40.6
	e	17 46.3
Mar. 17		
BYR	eP	10 25 58.0
SPA	eP	10 26 49.0
Mar. 17		
BYR	e(P)	11 05 24.2
Mar. 17		
BYR	e(P)	11 30 11.8
Mar. 17		
BYR	eP	12 34 02.4
Mar. 17		
BYR	e(P)	14 07 43.9
Mar. 17		
BYR	eP	14 16 55.9
SPA	eP	14 17 32.0
	i	17 47.0
Mar. 17		
BYR	e(P)	14 46 20.7
Mar. 17		
BYR	e(P)	16 05 13.0
Mar. 17		
BYR	e(P)	16 27 08.9
SPA	eP	16 27 47.2
Mar. 17		
BYR	eP	17 29 06.0
	e	29 32.0
Mar. 17		
BYR	eP	20 20 48.1
SPA	iP	20 21 23.2
Mar. 17		
BYR	eP	20 50 00.3
Mar. 17		
BYR	eP	22 31 05.9
SPA	e(P)	22 31 41.4
Mar. 17		
BYR	eP	22 43 08.9
Mar. 17		
BYR	eP	22 59 14.1
Mar. 17		
BYR	eP	23 50 30.4
Mar. 18		
BYR	e(P)	00 44 14.4
Mar. 18		
BYR	e(P)	02 01 51.6
SPA	e(P)	02 02 27.5
Mar. 18		
BYR	iP	02 21 22.1
SPA	iP	02 20 58.1
Mar. 18		
BYR	eP	04 29 02.2
Mar. 18		
BYR	eP	04 45 35.6
Mar. 18		
SPA	e(P)	05 15 18.3
	e	15 58.3
Mar. 18		
BYR	e(P)	06 26 24.2
Mar. 18		
BYR	e(P)	08 00 13.5
SPA	eP	08 00 39.6
Mar. 18		
BYR	eP	08 11 11.6
Mar. 18		
BYR	eP	08 36 57.9
SPA	eP	08 37 39.2
	i	37 46.6
Mar. 18		
BYR	e(P)	09 06 21.1
Mar. 18		
BYR	iP	09 49 47.6
	e(S)	56 51.3
SPA	iP	09 50 36.4
	epP	51 56.9
Mar. 18		
BYR	eP	10 34 48.6
Mar. 18		
SPA	eP	11 49 18.9
Mar. 18		
BYR	eP	13 27 09.2
Mar. 18		
SPA	e(P)	13 29 28.9
Mar. 18		
BYR	eP	14 04 49.3
SPA	eP	14 05 35.1

Date and Station		Phase (GCT)
Mar. 18		h m s
BYR	iP	15 02 26.2
	i	02 27.9
	iS	08 33.3
SPA	iP	15 02 37.1
	i	03 05.7
	i	03 29.4
	iPP	04 10.4
Mar. 18		
BYR	eP	18 28 52.2
SPA	eP	18 27 08.9
Mar. 18		
BYR	iP	18 38 49.6
SPA	iP	18 39 15.6
	i	39 34.6
Mar. 18		
BYR	e(P)	18 44 12.1
Mar. 18		
BYR	eP	19 18 34.0
SPA	e(P)	19 19 17.4
Mar. 18		
BYR	eP	22 12 15.2
Mar. 18		
BYR	e(P)	23 23 39.7
SPA	eP	23 24 20.4
Mar. 18		
BYR	eP	23 35 12.4
Mar. 18		
BYR	e(P)	23 54 54.2
Mar. 19		
BYR	e(P)	00 01 12.5
SPA	e(P)	00 00 51.2
Mar. 19		
SPA	eP	00 29 13.5
Mar. 19		
BYR	iP	01 16 14.0
Mar. 19		
BYR	e(P)	02 32 43.3
	e	33 21.5
Mar. 19		
BYR	iP	05 12 14.7
SPA	iP	05 11 39.1
	ipP	12 06.5
Mar. 19		
BYR	e(P)	05 29 38.3
Mar. 19		
BYR	eP	05 44 35.6

Date and Station		Phase (GCT)
Mar. 19		h m s
BYR	eP	07 24 40.5
	i	26 16.4
SPA	eP	07 25 16.6
	i	26 32.9
Mar. 19		
SPA	eP	07 33 32.1
Mar. 19		
BYR	eP	07 54 09.6
Mar. 19		
BYR	eP	08 04 57.3
SPA	eP	08 04 38.1
Mar. 19		
BYR	e(P)	08 21 44.0
Mar. 19		
BYR	eP'	09 37 48.0
Mar. 19		
BYR	e(P)	10 01 21.7
Mar. 19		
BYR	eP	10 21 38.2
SPA	eP	10 22 29.3
Mar. 19		
SPA	iP	12 17 24.6
	i	17 32.6
Mar. 19		
BYR	iP	12 32 08.1
Mar. 19		
BYR	eP	13 00 03.0
SPA	iP	12 59 38.4
Mar. 19		
BYR	eP	13 36 51.0
SPA	iP	13 37 19.6
Mar. 19		
BYR	e(P)	17 17 07.3
Mar. 19		
SPA	eP	17 36 57.7
Mar. 19		
BYR	e(P)	17 41 29.8
Mar. 19		
BYR	eP	18 11 21.4
Mar. 19		
BYR	e(P)	19 24 53.8
Mar. 19		
BYR	eP	20 09 33.2
Mar. 19		
BYR	eP	20 44 07.6

Date and Station		Phase (GCT)
		h m s
SPA	eP	20 44 43.7
	e	49 43.0
Mar. 19		
BYR	eP	21 29 35.8
Mar. 19		
BYR	eP	23 21 07.8
Mar. 20		
BYR	iP	00 38 38.8
Mar. 20		
BYR	e(P)	03 22 27.1
Mar. 20		
BYR	e(P')	03 49 28.4
	e	49 37.8
SPA	eP'	03 49 21.9
Mar. 20		
BYR	e(P)	04 07 59.9
	e	08 06.3
Mar. 20		
BYR	eP	04 33 33.8
Mar. 20		
BYR	e(P)	06 16 09.3
SPA	eP	06 16 35.7
Mar. 20		
BYR	eP	06 29 28.1
SPA	eP	06 30 08.6
Mar. 20		
BYR	e(P)	07 42 34.2
SPA	e(P)	07 42 30.4
Mar. 20		
BYR	eP	09 07 32.7
SPA	eP	09 07 15.7
Mar. 20		
BYR	e(P)	11 07 43.3
Mar. 20		
BYR	iP	11 19 11.6
SPA	eP	11 19 41.5
Mar. 20		
BYR	eP'	11 57 10.2
	eSKP	12 00 11.4
SPA	eP'	11 57 22.6
Mar. 20		
BYR	e(P)	12 09 36.5
Mar. 20		
BYR	iP	12 24 15.7

Date and Station		Phase (GCT)
Mar. 20		h m s
BYR	e(P')	14 19 44.7
	ESKP	23 06.0
SPA	eP'	14 19 26.1
Mar. 20		
BYR	iP	16 03 46.4
	i	03 47.6
	ipP	04 34.7
	eScS	12 23.0
SPA	iP	16 04 19.4
	iPcP	04 31.2
	ipP	05 10.9
	iScS	13 21.4
Mar. 20		
BYR	eP	16 32 06.1
	i	32 22.9
SPA	e(P)	16 31 36.7
Mar. 20		
BYR	eP	23 52 48.7
SPA	eP	23 53 23.0
	i	53 26.3
Mar. 21		
SPA	eP	04 00 29.5
Mar. 21		
BYR	eP	04 44 13.3
	e	44 40.8
	e(PcP)	44 53.7
Mar. 21		
SPA	eP	05 42 55.2
Mar. 21		
SPA	eP	05 55 49.5
Mar. 21		
BYR	eP	06 02 21.7
Mar. 21		
SPA	eP	06 15 39.8
Mar. 21		
BYR	e(P)	06 33 21.5
	e	35 03.7
Mar. 21		
BYR	e(P)	07 35 07.3
Mar. 21		
BYR	e(P)	07 48 34.9
Mar. 21		
BYR	e(P)	08 59 04.5
Mar. 21		
SPA	iP	09 12 39.6
	e	14 40.8
Mar. 21		
BYR	eP	09 32 09.0

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Date and Station		Phase	(GCT) h m s
Mar. 21			
SPA		eP	09 36 40.8
Mar. 21			
BYR		eP	09 56 06.0
Mar. 21			
SPA		iP	10 43 20.3
Mar. 21			
SPA		eP	10 50 47.8
Mar. 21			
BYR		e(P)	11 04 30.7
Mar. 21			
BYR		eP	11 11 55.3
Mar. 21			
BYR		eP	14 36 22.1
SPA		e(P)	14 38 32.4
Mar. 21			
SPA		eP	16 02 17.8
Mar. 21			
BYR		eP	16 23 18.8
Mar. 21			
BYR		eP	19 25 11.2
Mar. 21			
SPA		iP	19 45 43.4
Mar. 21			
BYR		eP	20 05 20.9
Mar. 21			
BYR		eP	22 52 12.1
Mar. 22			
BYR		eP	04 26 09.3
SPA		eP	04 26 18.5
Mar. 22			
BYR		eP	04 35 03.2
Mar. 22			
BYR		eP	04 46 40.3
Mar. 22			
BYR		eP	06 44 22.7
SPA		e(P)	06 44 46.4
Mar. 22			
BYR		eP	13 26 41.7
Mar. 22			
BYR		eP	14 04 56.8
Mar. 22			
SPA		eP	14 22 28.9
Mar. 22			
BYR		eP	14 32 46.2
Mar. 22			
BYR		eP	17 53 35.7
SPA		eP	17 53 34.9
Mar. 22			
BYR		eP	18 09 57.0
Mar. 22			
BYR		eP	19 54 55.2
		e	55 02.6
Mar. 22			
BYR		e(P)	21 22 52.4
Mar. 22			
BYR		iP	21 29 51.7
SPA		iP	21 30 45.5
Mar. 22			
BYR		eP	21 38 08.1
		epP	39 55.7
SPA		iP	21 38 37.5
		epP	40 27.6
Mar. 22			
BYR		eP	22 15 23.2
Mar. 22			
BYR		eP	23 02 54.6
Mar. 23			
BYR		iP	02 00 51.3
SPA		iP	02 00 27.3
Mar. 23			
BYR		eP	04 46 22.3
SPA		eP	04 45 47.4
Mar. 23			
SPA		eP	05 49 04.0
Mar. 23			
BYR		eP	06 30 44.7
SPA		eP	06 31 07.4
Mar. 23			
BYR		eP	13 05 43.8
SPA		eP	13 05 48.0
Mar. 23			
BYR		iP	21 08 47.3
SPA		iP	21 08 51.1
Mar. 23			
BYR		eP	21 54 13.0
SPA		e(P)	21 53 52.6
Mar. 23			
BYR		eP	23 34 52.1
		e	36 24.9
Mar. 24			
BYR		eP	00 10 22.9
Mar. 24			
BYR		eP	00 19 44.8
Mar. 24			
BYR		iP	02 24 38.1
SPA		eP	02 25 16.5
Mar. 24			
BYR		eP	05 29 57.9
SPA		eP	05 30 15.0
Mar. 24			
SPA		eP	08 12 22.6
Mar. 24			
BYR		e(P)	10 39 51.1
Mar. 24			
BYR		eP	11 49 57.5
Mar. 24			
BYR		eP	14 52 15.5
Mar. 24			
BYR		e(P)	22 31 20.5
Mar. 24			
BYR		iP'	23 16 11.0
SPA		iP'	23 16 09.1
		i	16 17.3
		ePP	18 04.3
Mar. 24			
SPA		e(P)	23 29 10.2
Mar. 24			
BYR		iP	23 50 03.5
SPA		iP	23 49 57.5
		i	50 05.2
Mar. 25			
BYR		e(P)	00 15 18.0
Mar. 25			
BYR		iP	02 22 11.2
		epP	22 40.3
		esP	22 51.6
SPA		iP	02 22 49.8
		epP	23 17.3
		esP	23 31.4
Mar. 25			
BYR		eP	06 43 18.1
Mar. 25			
BYR		eP	08 15 51.7
Mar. 25			
SPA		eP	08 59 00.3
Mar. 25			
BYR		e(P)	11 53 26.0
Mar. 25			
SPA		e(P)	12 05 25.3
Mar. 25			
BYR		e(P)	13 26 08.6
Mar. 25			
BYR		eP	14 25 34.1
Mar. 25			
BYR		e(P)	17 16 41.0
Mar. 25			
BYR		eP	19 41 46.0
Mar. 25			
BYR		eP	21 08 57.8
SPA		iP	21 07 47.5
Mar. 25			
BYR		e(P)	21 37 02.5
Mar. 25			
BYR		e(P)	23 14 48.5
Mar. 25			
BYR		e(P)	23 30 42.5
Mar. 26			
SPA		e(P)	01 59 47.7
		e	59 59.6
Mar. 26			
SPA		eP	14 42 41.1
		eSKS	53 11.9
Mar. 26			
SPA		iP	20 30 01.0
Mar. 26			
SPA		eP	20 41 50.4
Mar. 26			
SPA		eP	22 18 48.1
Mar. 27			
SPA		eP	02 32 59.6
Mar. 27			
BYR		eP	04 35 40.8
SPA		eP	04 35 26.4
Mar. 27			
BYR		eP	06 17 31.9
SPA		eP	06 17 47.8
Mar. 27			
BYR		eP	06 51 30.3
SPA		eP	06 51 35.5
Mar. 27			
BYR		eP	07 38 36.2

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Date and Station		Phase (GCT)
		h m s
SPA	eP	07 37 25.1
Mar. 27		
BYR	eP	13 15 13.1
SPA	eP	13 16 06.2
Mar. 27		
BYR	e(P)	15 22 06.3
Mar. 27		
SPA	e(P)	15 55 35.9
	e	55 41.2
Mar. 27		
BYR	eP	16 38 38.5
	e	41 18.2
Mar. 27		
BYR	eP	18 10 10.0
Mar. 27		
BYR	eP	21 10 36.1
Mar. 28		
BYR	eP	04 45 59.5
Mar. 28		
BYR	eP	06 32 22.5
	e	32 51.5
Mar. 28		
BYR	iP	09 49 12.4
	i	49 22.6
	i	49 47.4
	iSKS	59 31.5
SPA	iP	09 48 51.0
	i	49 22.3
	i	49 41.1
	i	52 43.1
	iSKS	59 07.1
	iP'P'	10 14 27.3
Mar. 28		
BYR	eP	10 42 59.2
Mar. 28		
BYR	eP	11 38 49.2
Mar. 28		
BYR	eP'	12 48 18.1
	i	48 28.2
	iSKP	51 54.3
SPA	iP'	12 48 34.6
	iSKP	52 12.0
Mar. 28		
SPA	eP	13 00 35.0
Mar. 28		
BYR	eP	13 26 15.5
Mar. 28		
SPA	eP	13 55 23.7
Mar. 28		
BYR	e(P')	14 18 04.3
	eSKP	21 43.3

Date and Station		Phase (GCT)
		h m s
SPA	e(P')	14 18 23.3
	e	18 31.3
Mar. 28		
BYR	e(P)	14 42 14.7
Mar. 28		
BYR	eP	15 36 51.3
Mar. 28		
BYR	eP	16 30 08.5
Mar. 28		
BYR	eP	19 58 25.7
Mar. 28		
BYR	eP	20 30 58.2
Mar. 28		
BYR	eP	20 38 49.8
Mar. 28		
BYR	iP	21 07 16.6
SPA	iP	21 06 53.0
Mar. 28		
BYR	iP	21 12 07.9
	ipP	12 36.6
SPA	iP	21 12 48.3
	ipP	13 17.0
	isP	13 32.8
	eS	21 28.3
Mar. 28		
BYR	e(P)	21 40 34.6
	e	41 02.4
SPA	eP	21 41 07.3
Mar. 28		
BYR	eP	22 00 57.1
Mar. 29		
BYR	eP	00 33 53.4
Mar. 29		
BYR	eP	03 39 54.0
Mar. 29		
BYR	eP'	07 02 33.4
SPA	eP'	07 02 31.0
	eSKS	09 31.7
Mar. 29		
BYR	iP	09 48 17.3
	e	48 43.9
Mar. 29		
BYR	eP	12 34 55.8
Mar. 29		
BYR	e(P')	18 29 13.6
Mar. 29		
BYR	eP	20 18 11.8

Date and Station		Phase (GCT)
		h m s
Mar. 29		
SPA	eP	22 39 17.6
Mar. 30		
BYR	iP	01 35 27.3
SPA	iP	01 35 06.3
Mar. 30		
BYR	eP	02 15 34.0
Mar. 30		
SPA	e(P)	05 01 38.8
Mar. 30		
BYR	eP	07 05 48.0
Mar. 30		
BYR	eP	07 33 27.1
SPA	eP	07 32 15.0
Mar. 30		
BYR	e(P)	08 10 26.5
Mar. 30		
SPA	iP	09 01 28.5
Mar. 30		
BYR	e(P)	14 13 33.5
Mar. 30		
BYR	e(P)	15 31 09.7
	e	35 27.2
SPA	eP	15 30 09.5
Mar. 30		
BYR	eP	15 41 42.0
	e	45 09.0
SPA	eP	15 42 07.0
Mar. 31		
BYR	eP	04 26 58.4
Mar. 31		
BYR	eP'	05 39 05.6
Mar. 31		
SPA	eP	09 20 46.4
Mar. 31		
BYR	eP	09 44 34.7
SPA	eP	09 44 19.3
Mar. 31		
BYR	e(P)	10 48 06.5
Mar. 31		
BYR	eP'	11 21 50.8
Mar. 31		
BYR	eP	12 20 12.9
	e	20 54.0
Mar. 31		
BYR	eP	13 44 37.0

Date and Station		Phase (GCT)
		h m s
SPA	e(P)	13 45 42.8
Mar. 31		
BYR	e(P)	14 05 58.1
Mar. 31		
BYR	e(P)	14 57 24.1
Mar. 31		
BYR	e(P)	15 26 30.1
Mar. 31		
BYR	eP	17 49 23.1
Mar. 31		
BYR	e(P)	19 04 57.2
BYR	eP	21 07 10.0
SPA	eP	21 07 46.1
Mar. 31		
BYR	eP	22 17 44.4
SPA	e(P)	22 17 54.6
Mar. 31		
BYR	eP	23 28 29.4
SPA	eP	23 29 04.9

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