



AAVSO BULLETIN 81

Predicted Times of Maxima and Minima for Long-Period Variables, January 2018 -- February 2019

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In the table below, the following fields are given:

- Name: name of variable star
- Links:
 - L - to the AAVSO Light Curve Generator
 - X - to the International Variable Star Index (VSX)
 - T - to the AAVSO table of published maxima/minima of long period variables
- R.A. and Dec.: coordinates in J2000.0
- Period: in days
- Range: mean visual magnitude range based on data in the AAVSO International Database
- N: number of observations in the AAVSO International Database during calendar year 2017 (January to December)

The number in a given month indicates the date of extremum; MAX indicates Maximum and min indicates minimum. If chosen by the user, the highlight colors indicate the intervals when the star will be brighter than visual magnitude 11.0, between 11.0 and 13.5, and fainter than magnitude 13.5. Note that some stars are always brighter than 11.0 or 13.5.

Note: for the stars R CEN and R NOR, please see table on the AAVSO Bulletin 81 for 2018 webpage: <http://www.aavso.org/aavso-bulletin-81-2018>.

Color key: m_{vis} brighter than 11.0 13.5 > m_{vis} > 11.0 m_{vis} fainter than 13.5

NAME	LINKS	R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
Z PEG	L X T	00:00:06.55	+25:53:11.2	334.8	<8.4-13.2>	108	fading	fading	fading	fading	fading	min(7)	rising	rising	rising	rising	MAX(28)	fading	fading	fading
W CET	L X T	00:02:07.39	-14:40:33	351.31	<7.6-14.4>	39	rising	rising	rising	MAX(11)	fading	fading	fading	fading	min(28)	rising	rising	rising	rising	rising
Y CAS	L X T	00:03:21.44	+55:40:51.9	413.48	<9.8-14.5>	56	rising	rising	MAX(28)	fading	fading	fading	fading	fading	fading	fading	min(22)	rising	rising	rising
SV AND	L X T	00:04:20.07	+40:06:35.7	316.21	<8.7-13.7>	33	min(13)	rising	rising	rising	rising	MAX(5)	fading	fading	fading	fading	min(25)	rising	rising	rising
V SCL	L X T	00:08:37.33	-39:13:05	296.1	<9.9-14.6>	22	rising	MAX(6)	fading	fading	fading	fading	min(5)	rising	rising	rising	MAX(29)	fading	fading	fading
SS CAS	L X T	00:09:36.53	+51:34:00.9	140.57	<9.8-13.1>	110	rising	MAX(12)	fading	fading	min(4)	rising	MAX(3)	fading	min(21)	rising	MAX(20)	fading	fading	min(9)
S SCL	L X T	00:15:22.27	-32:02:43	362.57	<6.7-12.9>	75	MAX(4)	fading	fading	fading	fading	fading	min(23)	rising	rising	rising	rising	rising	rising	MAX(2)
X AND	L X T	00:16:09.53	+47:00:45.2	346.18	<9.0-14.8>	67	fading	min(25)	rising	rising	rising	MAX(23)	fading	fading	fading	fading	fading	fading	fading	min(6)
T AND	L X T	00:22:23.15	+26:59:45.8	280.76	<8.5-13.8>	86	fading	fading	fading	fading	min(18)	rising	rising	rising	MAX(21)	fading	fading	fading	fading	min(23)
S TUC	L X T	00:23:07.68	-61:40:17	240.71	<9.3-14.5>	29	fading	fading	fading	fading	min(4)	rising	rising	MAX(11)	fading	fading	fading	min(30)	rising	rising
T CAS	L X T	00:23:14.27	+55:47:33.2	444.83	<7.9-11.9>	500	rising	rising	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	fading	min(9)	rising
R AND	L X T	00:24:01.94	+38:34:37.3	409.33	<6.9-14.3>	325	fading	min(17)	rising	rising	rising	rising	MAX(25)	fading	fading	fading	fading	fading	fading	fading
S CET	L X T	00:24:03.55	-09:19:40.6	320.45	<8.2-14.2>	42	min(27)	rising	rising	rising	rising	MAX(26)	fading	fading	fading	fading	fading	min(14)	rising	rising
T SCL	L X T	00:29:12.13	-37:54:30.7	202.42	<9.2-13.0>	67	MAX(2)	fading	fading	min(18)	rising	rising	MAX(23)	fading	fading	fading	min(7)	rising	rising	MAX(11)
T PHE	L X T	00:30:26.21	-46:24:33.3	281.79	<9.4-14.2>	31	fading	fading	fading	min(9)	rising	rising	MAX(23)	fading	fading	fading	fading	fading	min(16)	rising

RR CEP	L	X	T	02:43:15.46	+81:08:09.5	384.18	<10.2-14.7>	60	rising	rising	MAX(30)	fading	fading	fading	fading	fading	fading	fading	min(13)	rising	rising	rising	
T ARI	L	X	T	02:48:19.74	+17:30:33.8	317	<8.3-10.9>	160	min(28)	rising	rising	rising	rising	rising	MAX(2)	fading	fading	fading	fading	min(11)	rising	rising	
R HOR	L	X	T	02:53:52.76	-49:53:22.7	407.6	<6.0-13.0>	70	fading	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	rising	MAX(9)	fading	fading	
T HOR	L	X	T	03:00:52.12	-50:38:31.8	217.6	<8.2-13.2>	49	fading	fading	min(8)	rising	rising	MAX(13)	fading	fading	fading	min(11)	rising	rising	MAX(16)	fading	
U ARI	L	X	T	03:11:03.04	+14:48:00.2	371.13	<8.1-14.6>	86	MAX(4)	fading	fading	fading	fading	fading	fading	min(13)	rising	rising	rising	rising	MAX(10)	fading	
X CET	L	X	T	03:19:26.07	-01:03:56.1	177.14	<8.8-12.3>	39	fading	min(16)	rising	rising	MAX(10)	fading	fading	min(12)	rising	rising	MAX(3)	fading	fading	min(5)	
Y PER	L	X	T	03:27:42.38	+44:10:36.5	248.6	<8.4-10.3>	225	rising	rising	MAX(7)	fading	fading	fading	min(14)	rising	rising	rising	MAX(10)	fading	fading	fading	
R PER	L	X	T	03:30:03.11	+35:40:16.6	209.89	<8.7-14.0>	72	rising	rising	MAX(1)	fading	fading	min(16)	rising	rising	MAX(27)	fading	fading	fading	min(12)	rising	
U ERI	L	X	T	03:50:29.15	-24:57:22.8	274.91	<9.4-14.8>	55	rising	rising	rising	MAX(18)	fading	fading	fading	fading	min(7)	rising	rising	rising	MAX(18)	fading	
T ERI	L	X	T	03:55:13.9	-24:01:56.6	252.29	<8.0-12.8>	76	min(12)	rising	rising	rising	MAX(4)	fading	fading	fading	min(21)	rising	rising	rising	MAX(12)	fading	
W ERI	L	X	T	04:11:31.02	-25:08:02.2	376.63	<8.6-13.8>	55	fading	fading	min(23)	rising	rising	rising	rising	MAX(19)	fading	fading	fading	fading	fading	fading	
W TAU	L	X	T	04:27:57.19	+16:02:36.2	264.6	<9.9-11.4>	140	min(30)	rising	rising	rising	rising	rising	MAX(12)	fading	fading	fading	min(21)	rising	rising	rising	
R TAU	L	X	T	04:28:18	+10:09:44.7	320.9	<8.6-14.2>	33	rising	rising	MAX(30)	fading	fading	fading	fading	fading	fading	min(8)	rising	rising	rising	MAX(14)	
S TAU	L	X	T	04:29:11.75	+09:56:43.5	374.5	<10.2-15.3>	38	fading	fading	fading	min(10)	rising	rising	rising	rising	MAX(18)	fading	fading	fading	fading	fading	
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	
R RET	L	X	T	04:33:32.83	-63:01:45	278.46	<7.6-13.3>	43	rising	MAX(5)	fading	fading	fading	fading	min(4)	rising	rising	rising	MAX(11)	fading	fading	fading	
RX TAU	L	X	T	04:38:14.56	+08:20:09.2	331.8	<9.6-14.0>	52	fading	min(27)	rising	rising	rising	rising	rising	MAX(1)	fading	fading	fading	fading	fading	min(25)	rising
T CAM	L	X	T	04:40:08.87	+66:08:48.5	373.2	<8.0-13.8>	102	fading	fading	fading	fading	min(24)	rising	rising	rising	rising	rising	rising	MAX(9)	fading	fading	fading
R CAE	L	X	T	04:40:30.09	-38:14:07	390.95	<7.9-13.1>	50	fading	fading	min(25)	rising	rising	rising	rising	rising	MAX(8)	fading	fading	fading	fading	fading	
X CAM	L	X	T	04:45:42.19	+75:06:03.4	143.56	<8.1-12.6>	283	rising	MAX(12)	fading	fading	min(1)	rising	MAX(5)	fading	min(21)	rising	MAX(26)	fading	fading	min(12)	
V TAU	L	X	T	04:52:02.29	+17:32:16.8	168.7	<9.2-13.7>	77	fading	fading	min(4)	rising	MAX(24)	fading	fading	min(19)	rising	rising	MAX(8)	fading	fading	min(4)	
R ORI	L	X	T	04:59:00.55	+08:07:49.6	377.1	<9.6-13.1>	52	rising	MAX(2)	fading	fading	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	MAX(14)	
R LEP	L	X	T	04:59:36.34	-14:48:22.5	427.07	<6.8-9.6>	267	rising	rising	rising	rising	rising	rising	MAX(24)	fading	fading	fading	fading	fading	fading	min(5)	
T LEP	L	X	T	05:04:50.83	-21:54:16.4	368.13	<8.3-12.9>	81	rising	MAX(17)	fading	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	rising	MAX(20)	
V ORI	L	X	T	05:06:03.43	+04:06:08.7	263.7	<9.4-14.1>	55	MAX(3)	fading	fading	fading	min(19)	rising	rising	rising	MAX(24)	fading	fading	fading	fading	min(6)	
S PIC	L	X	T	05:10:57.25	-48:30:25.4	428	<8.1-13.8>	37	rising	rising	MAX(9)	fading	fading	fading	fading	fading	fading	fading	fading	fading	min(8)	rising	rising
T PIC	L	X	T	05:15:05.86	-46:55:04.7	200.58	<8.4-13.9>	42	rising	rising	MAX(28)	fading	fading	fading	min(8)	rising	rising	MAX(14)	fading	fading	min(24)	rising	
R AUR	L	X	T	05:17:17.69	+53:35:10.1	457.51	<7.7-13.3>	252	rising	rising	MAX(19)	fading	fading	fading	fading	fading	fading	min(30)	rising	rising	rising	rising	
T COL	L	X	T	05:19:17.32	-33:42:29	225.84	<7.5-11.9>	95	fading	min(15)	rising	rising	MAX(21)	fading	fading	fading	min(29)	rising	rising	rising	MAX(2)	fading	
R OCT	L	X	T	05:26:06.18	-86:23:17.8	405.39	<7.9-12.4>	27	rising	rising	rising	MAX(4)	fading	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	
W AUR	L	X	T	05:26:54.56	+36:54:11.1	274.27	<9.2-14.6>	21	rising	rising	MAX(16)	fading	fading	fading	fading	min(8)	rising	rising	rising	MAX(16)	fading	fading	
S ORI	L	X	T	05:29:00.89	-04:41:32.7	414.3	<8.4-12.9>	125	min(16)	rising	rising	rising	rising	rising	rising	MAX(12)	fading	fading	fading	fading	fading	fading	
RU AUR	L	X	T	05:40:07.93	+37:38:10.6	466.47	<9.6-14.5>	54	fading	fading	fading	fading	fading	fading	fading	min(8)	rising	rising	rising	rising	rising	MAX(17)	
S CAM	L	X	T	05:41:02.48	+68:47:54.9	327.26	<8.1-11.0>	113	fading	fading	fading	fading	min(19)	rising	rising	rising	rising	rising	MAX(4)	fading	fading	fading	

U AUR	L	X	T	05:42:09.06	+32:02:23.3	408.09	<8.5-14.0>	48	rising	rising	rising	MAX(11)	fading	fading	fading	fading	fading	fading	min(15)	rising	rising			
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB		
S COL	L	X	T	05:46:56.3	-31:41:28.3	325.85	<9.3-13.8>	48	MAX(21)	fading	fading	fading	fading	fading	min(22)	rising	rising	rising	rising	MAX(13)	fading	fading		
R COL	L	X	T	05:50:32.98	-29:11:54.8	327.62	<8.9-14.3>	63	fading	fading	fading	fading	fading	min(3)	rising	rising	rising	MAX(15)	fading	fading	fading	fading		
Z TAU	L	X	T	05:52:24.85	+15:47:43.8	453	<9.8-13.9>	37	fading	fading	fading	fading	min(22)	rising	rising	rising	rising	MAX(31)	fading	fading	fading	fading		
RU TAU	L	X	T	05:52:36.79	+15:58:14.4	582	<10.4-15.1>	45	rising	rising	rising	rising	rising	rising	rising	rising	MAX(7)	fading	fading	fading	fading	fading		
U ORI	L	X	T	05:55:49.16	+20:10:30.6	368.3	<6.3-12.0>	456	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	fading	min(27)	rising	rising	rising		
V CAM	L	X	T	06:02:32.28	+74:30:27.2	522.45	<9.9-15.4>	107	fading	fading	fading	fading	fading	fading	fading	min(11)	rising	rising	rising	rising	rising	MAX(19)	fading	
X AUR	L	X	T	06:12:13.38	+50:13:40.4	163.79	<8.6-12.7>	204	MAX(18)	fading	fading	min(6)	rising	rising	rising	MAX(1)	fading	min(17)	rising	rising	MAX(12)	fading	min(27)	
V MON	L	X	T	06:22:43.57	-02:11:43.5	340.5	<7.0-13.1>	53	rising	rising	rising	rising	rising	rising	MAX(8)	fading	fading	fading	fading	min(28)	rising	rising	rising	
V AUR	L	X	T	06:24:02.33	+47:42:23.9	353	<9.2-12.1>	43	rising	rising	rising	rising	rising	MAX(28)	fading	fading	fading	fading	fading	min(12)	rising	rising		
U LYN	L	X	T	06:40:46.45	+59:52:01.8	433.6	<9.5-14.4>	42	rising	rising	MAX(4)	fading	fading	fading	fading	fading	fading	fading	min(10)	rising	rising	rising		
S LYN	L	X	T	06:44:34.1	+57:54:39.8	296.34	<9.6-14.3>	73	fading	fading	fading	min(1)	rising	rising	rising	rising	MAX(13)	fading	fading	fading	fading	min(23)	rising	
X GEM	L	X	T	06:47:07.05	+30:16:34.2	264.16	<8.2-13.2>	87	fading	min(7)	rising	rising	rising	rising	MAX(16)	fading	fading	fading	min(29)	rising	rising	rising	rising	
Y MON	L	X	T	06:56:52.14	+11:14:32.3	227.9	<9.1-13.9>	56	fading	min(16)	rising	rising	rising	rising	MAX(5)	fading	fading	fading	min(2)	rising	rising	MAX(19)	fading	
X MON	L	X	T	06:57:11.81	-09:03:52	155.8	<7.4-9.1>	221	fading	min(11)	rising	MAX(23)	fading	fading	min(17)	rising	rising	MAX(26)	fading	fading	min(20)	rising	MAX(28)	
R LYN	L	X	T	07:01:18	+55:19:49.8	378.75	<7.9-13.8>	106	fading	fading	fading	min(3)	rising	rising	rising	rising	rising	MAX(9)	fading	fading	fading	fading	fading	
R VOL	L	X	T	07:05:36.19	-73:00:51.9	453.6	<10.8-13.7>	1	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	rising	rising	rising	rising	MAX(23)	fading	fading
V CMI	L	X	T	07:06:58.84	+08:52:36.8	366.1	<8.7-14.9>	98	MAX(22)	fading	fading	fading	fading	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(23)	fading
R GEM	L	X	T	07:07:21.27	+22:42:12.7	369.91	<7.1-13.5>	371	rising	MAX(24)	fading	fading	fading	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	rising	
R CMI	L	X	T	07:08:42.6	+10:01:26.5	337.78	<8.0-11.0>	134	rising	rising	rising	MAX(8)	fading	fading	fading	fading	fading	min(29)	rising	rising	rising	rising	rising	
RR MON	L	X	T	07:17:31.49	+01:05:41.9	394.7	<9.4-15.0>	9	fading	fading	fading	fading	fading	min(13)	rising	rising	rising	rising	rising	MAX(15)	fading	fading	fading	
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB		
V GEM	L	X	T	07:23:09.35	+13:06:04.7	274.8	<8.5-14.2>	99	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(23)	fading	fading	fading	fading	min(16)	
S VOL	L	X	T	07:29:45.58	-73:22:44	394.8	<8.6-13.6>	1	fading	fading	fading	fading	fading	min(21)	rising	rising	rising	rising	rising	rising	rising	MAX(19)	fading	
Z PUP	L	X	T	07:32:38.05	-20:39:29.3	508.6	<8.1-14.5>	54	fading	fading	fading	fading	fading	fading	min(21)	rising	rising	rising	rising	rising	rising	rising	MAX(5)	
S CMI	L	X	T	07:32:43.07	+08:19:05.1	332.94	<7.5-12.6>	195	rising	rising	MAX(28)	fading	fading	fading	fading	fading	min(13)	rising	rising	rising	rising	rising	MAX(24)	
T CMI	L	X	T	07:34:00.46	+11:44:07.1	328.3	<10.5-14.0>	29	fading	fading	min(9)	rising	rising	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	min(1)	
U CMI	L	X	T	07:41:20.03	+08:22:49.1	413.88	<8.8-13.0>	91	fading	min(7)	rising	rising	rising	rising	rising	rising	rising	MAX(1)	fading	fading	fading	fading	fading	
S GEM	L	X	T	07:43:02.56	+23:26:58.2	293.23	<9.0-14.2>	66	rising	rising	MAX(27)	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	rising	MAX(14)	fading	
W PUP	L	X	T	07:45:57.36	-42:11:44	119.7	<8.4-12.4>	53	rising	rising	MAX(3)	fading	min(10)	rising	rising	MAX(3)	fading	min(7)	MAX(30)	fading	fading	min(5)	MAX(28)	fading
T GEM	L	X	T	07:49:18.13	+23:44:03.8	287.79	<8.7-14.0>	40	rising	rising	rising	rising	rising	MAX(1)	fading	fading	fading	fading	min(21)	rising	rising	rising	rising	MAX(13)

U PUP	L	X	T	08:00:50.49	-12:50:29.1	318.44	<9.8-11.4>	38	MAX(11)	fading	fading	fading	fading	fading	min(22)	rising	rising	rising	MAX(25)	fading	fading	fading
R CNC	L	X	T	08:16:33.82	+11:43:34.5	361.6	<6.8-11.2>	126	fading	min(4)	rising	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	min(31)	rising
V CNC	L	X	T	08:21:42.85	+17:17:06.7	272.13	<7.9-12.8>	80	rising	MAX(28)	fading	fading	fading	fading	min(31)	rising	rising	rising	MAX(27)	fading	fading	fading
R CHA	L	X	T	08:21:46.47	-76:21:18.2	334.58	<8.5-13.6>	47	fading	fading	fading	min(7)	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	fading
U CNC	L	X	T	08:35:46.28	+18:53:44.6	304.78	<9.9-14.6>	51	fading	fading	fading	fading	min(4)	rising	rising	MAX(30)	fading	fading	fading	fading	fading	fading
X UMA	L	X	T	08:40:49.49	+50:08:11.7	249.04	<9.7-14.4>	55	rising	MAX(2)	fading	fading	fading	min(22)	rising	rising	rising	MAX(9)	fading	fading	fading	min(26)
S HYA	L	X	T	08:53:33.95	+03:04:06.4	256.63	<7.8-12.7>	87	MAX(9)	fading	fading	fading	min(13)	rising	rising	rising	MAX(23)	fading	fading	fading	min(24)	rising
T HYA	L	X	T	08:55:39.83	-09:08:29.2	289.2	<7.8-12.6>	88	fading	fading	fading	min(29)	rising	rising	rising	rising	MAX(20)	fading	fading	fading	fading	min(12)
S PYX	L	X	T	09:05:04.6	-25:05:19.7	206.1	<9.0-13.9>	68	rising	rising	rising	MAX(7)	fading	fading	min(14)	rising	rising	MAX(30)	fading	fading	fading	min(5)
W CNC	L	X	T	09:09:52.61	+25:14:53.8	393.22	<8.2-14.1>	51	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading
RW CAR	L	X	T	09:19:36.09	-68:45:28.1	318.62	<9.3-15.0>	14	fading	fading	fading	min(20)	rising	rising	rising	rising	MAX(17)	fading	fading	fading	fading	fading
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
Y VEL	L	X	T	09:29:01.42	-52:10:54	449.9	<9.5-13.8>	24	rising	rising	MAX(16)	fading	fading	fading	fading	fading	fading	fading	fading	min(9)	rising	rising
R CAR	L	X	T	09:32:14.59	-62:47:20	308.71	<4.6-9.6>	174	min(5)	rising	rising	rising	rising	MAX(2)	fading	fading	fading	fading	min(10)	rising	rising	rising
X HYA	L	X	T	09:35:30.25	-14:41:28.6	301.1	<8.4-12.8>	67	rising	rising	MAX(20)	fading	fading	fading	fading	min(30)	rising	rising	rising	rising	MAX(15)	fading
Y DRA	L	X	T	09:42:22.72	+77:51:07.4	325.79	<9.2-14.5>	114	rising	rising	MAX(30)	fading	fading	fading	fading	fading	min(30)	rising	rising	rising	rising	MAX(19)
RR HYA	L	X	T	09:44:58.96	-24:01:15.7	343.49	<9.3-14.4>	38	rising	rising	rising	rising	MAX(15)	fading	fading	fading	fading	fading	min(2)	rising	rising	rising
R LMI	L	X	T	09:45:34.27	+34:30:42.8	372.19	<7.1-12.6>	179	rising	rising	rising	rising	MAX(2)	fading	fading	fading	fading	fading	fading	min(12)	rising	rising
R LEO	L	X	T	09:47:33.49	+11:25:43.7	309.95	<5.8-10.0>	996	rising	rising	MAX(27)	fading	fading	fading	fading	fading	min(23)	rising	rising	rising	MAX(31)	fading
Z VEL	L	X	T	09:52:54.28	-54:10:47.8	411.4	<9.0-14.3>	33	fading	fading	fading	fading	min(28)	rising	rising	rising	rising	rising	rising	MAX(2)	fading	fading
S LMI	L	X	T	09:53:43.16	+34:55:35.3	233.83	<8.6-13.9>	59	fading	fading	fading	fading	min(15)	rising	rising	MAX(20)	fading	fading	fading	fading	min(3)	rising
U LMI	L	X	T	09:54:38.63	+36:05:23.8	272.2	<10.8-12.7>	93	fading	fading	min(20)	rising	rising	rising	MAX(1)	fading	fading	fading	fading	min(17)	rising	rising
RV CAR	L	X	T	09:58:20.86	-63:53:51.6	365.68	<11.3-16.2>	20	fading	fading	fading	fading	fading	fading	min(31)	rising	rising	rising	rising	MAX(18)	fading	fading
V LEO	L	X	T	10:00:01.91	+21:15:44.3	273.35	<9.1-13.7>	42	fading	min(21)	rising	rising	rising	MAX(21)	fading	fading	fading	fading	min(22)	rising	rising	rising
S CAR	L	X	T	10:09:21.89	-61:32:56.3	149.49	<5.7-8.5>	217	MAX(18)	fading	fading	min(2)	rising	MAX(16)	fading	min(30)	rising	rising	MAX(13)	fading	min(26)	rising
Z CAR	L	X	T	10:13:54.61	-58:51:08.4	384.01	<10.7-15.2>	26	rising	rising	rising	rising	MAX(12)	fading	fading	fading	fading	fading	fading	min(10)	rising	rising
W VEL	L	X	T	10:15:14.83	-54:28:41.9	394.72	<8.8-13.6>	24	fading	fading	fading	min(17)	rising	rising	rising	rising	rising	MAX(6)	fading	fading	fading	fading
S SEX	L	X	T	10:34:56.04	-00:20:33.5	264.9	<9.1-13.4>	34	min(10)	rising	rising	rising	MAX(27)	fading	fading	fading	fading	min(2)	rising	rising	rising	MAX(16)
RZ CAR	L	X	T	10:35:37.25	-70:43:00.1	272.77	<10.0-15.4>	10	fading	fading	fading	fading	min(19)	rising	rising	rising	MAX(12)	fading	fading	fading	fading	min(16)
R UMA	L	X	T	10:44:38.46	+68:46:32.7	301.62	<7.5-13.0>	530	rising	rising	rising	MAX(15)	fading	fading	fading	fading	fading	min(22)	rising	rising	rising	MAX(10)
RS HYA	L	X	T	10:51:19.05	-28:37:41.3	338.6	<10.0-14.1>	32	min(6)	rising	rising	rising	rising	MAX(17)	fading	fading	fading	fading	fading	min(11)	rising	rising

W LEO	L	X	T	10:53:37.44	+13:42:54.2	391.75	<9.8-14.2>	35	fading	fading	min(13)	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	fading	fading
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
S LEO	L	X	T	11:10:50.77	+05:27:34.8	190.16	<10.1-13.9>	42	rising	MAX(27)	fading	fading	fading	min(5)	rising	rising	MAX(5)	fading	fading	min(12)	rising	rising
RY CAR	L	X	T	11:20:11.38	-61:52:16.8	424.3	<11.0-14.0>	0	rising	MAX(7)	fading	fading	fading	fading	fading	fading	min(22)	rising	rising	rising	rising	rising
RS CEN	L	X	T	11:20:27.9	-61:52:36.8	164.3	<8.6-13.4>	1	fading	min(3)	rising	MAX(24)	fading	fading	min(18)	rising	rising	MAX(5)	fading	min(29)	rising	rising
X CEN	L	X	T	11:49:11.79	-41:45:27.2	315.2	<8.0-13.4>	57	rising	rising	MAX(1)	fading	fading	fading	fading	fading	min(16)	rising	rising	rising	MAX(10)	fading
W CEN	L	X	T	11:55:01.33	-59:15:13.4	201.6	<8.5-13.2>	47	fading	fading	fading	min(1)	rising	rising	MAX(4)	fading	fading	min(19)	rising	rising	MAX(21)	fading
R COM	L	X	T	12:04:15.19	+18:46:56.7	362.82	<8.5-14.2>	93	fading	fading	min(17)	rising	rising	rising	rising	MAX(6)	fading	fading	fading	fading	fading	fading
SU VIR	L	X	T	12:05:14.79	+12:21:38	208.6	<9.4-13.6>	47	MAX(22)	fading	fading	fading	min(17)	rising	rising	MAX(19)	fading	fading	fading	min(11)	rising	rising
T VIR	L	X	T	12:14:36.67	-06:02:08.7	339.47	<9.6-14.2>	39	rising	rising	rising	MAX(23)	fading	fading	fading	fading	fading	fading	min(28)	rising	rising	rising
R CRV	L	X	T	12:19:37.86	-19:15:21.8	317.03	<7.5-13.8>	80	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(6)	fading	fading	fading	fading	min(28)
SS VIR	L	X	T	12:25:14.4	+00:46:10.9	364.14	<6.8-8.9>	210	rising	rising	MAX(19)	fading	fading	fading	fading	fading	min(3)	rising	rising	rising	rising	rising
T CVN	L	X	T	12:30:12.4	+31:30:11.9	290.09	<9.6-11.9>	81	rising	rising	rising	rising	MAX(1)	fading	fading	fading	fading	min(1)	rising	rising	rising	MAX(15)
U CEN	L	X	T	12:33:30.75	-54:39:33.8	220.28	<8.2-13.4>	49	rising	rising	MAX(27)	fading	fading	fading	min(11)	rising	rising	rising	MAX(3)	fading	fading	min(17)
Y VIR	L	X	T	12:33:52.99	-04:25:19.5	218.43	<9.4-13.6>	33	rising	rising	MAX(29)	fading	fading	fading	min(22)	rising	rising	rising	MAX(3)	fading	fading	min(26)
T UMA	L	X	T	12:36:23.47	+59:29:12.9	256.6	<7.7-12.9>	650	rising	MAX(26)	fading	fading	fading	fading	min(29)	rising	rising	rising	MAX(10)	fading	fading	fading
R VIR	L	X	T	12:38:29.94	+06:59:18.9	145.63	<6.9-11.5>	265	fading	fading	min(4)	rising	MAX(16)	fading	min(27)	rising	rising	MAX(8)	fading	min(20)	rising	rising
RS UMA	L	X	T	12:38:57.55	+58:29:00.2	258.97	<9.0-14.3>	289	min(5)	rising	rising	MAX(12)	fading	fading	fading	fading	min(21)	rising	rising	MAX(27)	fading	fading
S UMA	L	X	T	12:43:56.66	+61:05:35.4	225.87	<7.8-11.7>	911	min(4)	rising	rising	MAX(6)	fading	fading	fading	min(18)	rising	rising	MAX(18)	fading	fading	fading
RU VIR	L	X	T	12:47:18.4	+04:08:41.3	433.2	<10.0-13.3>	68	rising	rising	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	fading	fading	min(1)
U VIR	L	X	T	12:51:05.74	+05:33:11.5	206.64	<8.2-13.1>	63	rising	MAX(20)	fading	fading	fading	min(12)	rising	rising	MAX(14)	fading	fading	fading	min(4)	rising
RV VIR	L	X	T	13:07:55.39	-13:09:58.8	265.87	<10.8-14.9>	28	fading	fading	fading	min(26)	rising	rising	rising	MAX(10)	fading	fading	fading	fading	min(17)	rising
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
V CVN	L	X	T	13:19:27.77	+45:31:37.7	191.89	<6.8-8.8>	744	fading	fading	fading	min(17)	rising	rising	MAX(5)	fading	fading	min(26)	rising	rising	MAX(13)	fading
U OCT	L	X	T	13:24:32.62	-84:13:30.9	308.44	<7.9-13.6>	55	rising	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading	min(2)	rising	rising	rising
V VIR	L	X	T	13:27:48.13	-03:10:22.8	250.08	<8.9-14.3>	79	MAX(8)	fading	fading	fading	min(29)	rising	rising	rising	MAX(15)	fading	fading	fading	fading	min(3)
R HYA	L	X	T	13:29:42.77	-23:16:52.7	360	<4.5-9.5>	269	fading	fading	fading	fading	min(4)	rising	rising	rising	MAX(27)	fading	fading	fading	fading	fading
S VIR	L	X	T	13:33:00.11	-07:11:40.9	375.1	<7.0-12.7>	139	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	fading	min(24)	rising	rising	rising
RV CEN	L	X	T	13:37:36.04	-56:28:35	446	<7.7-10.3>	94	fading	min(28)	rising	rising	rising	rising	rising	rising	rising	MAX(18)	fading	fading	fading	fading
T CEN	L	X	T	13:41:45.55	-33:35:50.6	90.6	<5.5-9.0>	252	rising	MAX(6)	min(23)	rising	MAX(8)	min(21)	rising	MAX(6)	min(20)	rising	MAX(5)	min(19)	rising	MAX(3)

RT CEN	L	X	T	13:48:20.95	-36:51:45.2	255	<9.0-12.7>	41	rising	MAX(24)	fading	fading	fading	fading	min(1)	rising	rising	rising	MAX(6)	fading	fading	fading	
R CVN	L	X	T	13:48:57.05	+39:32:33.2	328.53	<7.7-11.9>	196	fading	fading	fading	min(13)	rising	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	
RX CEN	L	X	T	13:51:25.44	-36:56:37.7	327.9	<9.4>-(15.0	35	rising	MAX(21)	fading	fading	fading	fading	fading	fading	min(26)	rising	rising	rising	MAX(15)	fading	
T APS	L	X	T	13:55:51.18	-77:48:08.3	261.03	<9.1-14.7>	34	fading	fading	fading	fading	min(5)	rising	rising	rising	MAX(15)	fading	fading	fading	fading	min(21)	rising
RR VIR	L	X	T	14:04:53.43	-09:11:41.3	217.52	<11.6-15.5>	20	rising	rising	MAX(27)	fading	fading	fading	fading	min(29)	rising	rising	MAX(30)	fading	fading	fading	fading
Z BOO	L	X	T	14:06:29.54	+13:29:05.7	281.14	<9.3-14.8>	56	rising	rising	rising	MAX(11)	fading	fading	fading	fading	fading	min(29)	rising	rising	rising	MAX(17)	fading
Z VIR	L	X	T	14:10:21.4	-13:18:14.6	305.71	<10.4-14.9>	28	rising	rising	MAX(6)	fading	fading	fading	fading	fading	fading	min(9)	rising	rising	rising	MAX(5)	fading
RU HYA	L	X	T	14:11:34.39	-28:53:07.4	331.5	<8.4-14.0>	39	fading	fading	fading	fading	fading	fading	min(9)	rising	rising	MAX(30)	fading	fading	fading	fading	fading
U UMI	L	X	T	14:17:19.9	+66:47:39.1	330.92	<8.2-12.0>	395	fading	fading	fading	min(5)	rising	rising	rising	rising	rising	MAX(14)	fading	fading	fading	fading	fading
R CAM	L	X	T	14:17:51.03	+83:49:53.7	270.22	<8.3-13.2>	389	fading	min(9)	rising	rising	MAX(26)	fading	fading	fading	fading	fading	fading	min(6)	rising	rising	MAX(20)
S BOO	L	X	T	14:22:52.91	+53:48:37.2	270.73	<8.4-13.3>	201	rising	rising	rising	MAX(16)	fading	fading	fading	fading	fading	min(8)	rising	rising	rising	MAX(11)	fading
RS VIR	L	X	T	14:27:16.39	+04:40:41	353.95	<8.1-13.9>	46	MAX(7)	fading	fading	fading	fading	fading	fading	fading	min(21)	rising	rising	rising	MAX(27)	fading	fading
V BOO	L	X	T	14:29:45.27	+38:51:40.6	260	<7.0-11.3>	661	fading	fading	min(1)	rising	rising	MAX(24)	fading	fading	fading	fading	fading	min(16)	rising	rising	rising
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	
R BOO	L	X	T	14:37:11.57	+26:44:11.6	223.4	<7.2-12.3>	421	rising	MAX(23)	fading	fading	fading	min(22)	rising	rising	rising	MAX(5)	fading	fading	fading	fading	min(1)
V LIB	L	X	T	14:40:22.18	-17:39:27.1	255.3	<9.7-14.7>	38	rising	MAX(10)	fading	fading	fading	fading	min(15)	rising	rising	MAX(23)	fading	fading	fading	fading	fading
S LUP	L	X	T	14:53:26.4	-46:36:56.8	339	<8.6-13.0>	24	rising	rising	rising	rising	MAX(2)	fading	fading	fading	fading	min(8)	rising	rising	rising	rising	rising
U BOO	L	X	T	14:54:19.96	+17:41:43.6	201.3	9.9-12.8	176	rising	rising	rising	MAX(3)	fading	fading	min(7)	rising	rising	MAX(22)	fading	fading	min(24)	rising	
Y LUP	L	X	T	14:59:36.8	-54:57:56.8	396.82	<9.8-15.1>	18	fading	fading	fading	fading	fading	min(8)	rising	rising	rising	rising	MAX(2)	fading	fading	fading	fading
RT LIB	L	X	T	15:06:26.23	-18:43:56.3	265	<9.0-14.3>	17	fading	fading	min(28)	rising	rising	rising	rising	MAX(3)	fading	fading	fading	fading	min(18)	rising	rising
T LIB	L	X	T	15:10:44.35	-20:01:08.6	237.5	<10.9-15.2>	28	rising	rising	rising	MAX(6)	fading	fading	fading	min(22)	rising	rising	MAX(29)	fading	fading	fading	fading
Y LIB	L	X	T	15:11:41.3	-06:00:41.3	275.7	<8.6-14.1>	29	MAX(20)	fading	fading	fading	fading	fading	min(1)	rising	rising	MAX(23)	fading	fading	fading	fading	fading
S CRB	L	X	T	15:21:23.95	+31:22:02.6	360.26	<7.3-12.9>	635	fading	fading	min(31)	rising	rising	rising	rising	MAX(17)	fading	fading	fading	fading	fading	fading	fading
S LIB	L	X	T	15:21:23.98	-20:23:18.3	192.9	<8.4-12.0>	80	rising	MAX(15)	fading	fading	min(20)	rising	rising	rising	MAX(27)	fading	fading	min(29)	rising	rising	rising
S SER	L	X	T	15:21:39.53	+14:18:53.1	371.84	<8.7-13.5>	64	fading	fading	fading	min(7)	rising	rising	rising	rising	rising	MAX(16)	fading	fading	fading	fading	fading
RS LIB	L	X	T	15:24:19.78	-22:54:39.8	217.65	<7.5-12.0>	94	fading	fading	min(17)	rising	rising	MAX(20)	fading	fading	fading	min(20)	rising	rising	MAX(23)	fading	fading
S UMI	L	X	T	15:29:34.56	+78:38:00.3	331	<8.4-12.0>	461	rising	rising	rising	rising	MAX(7)	fading	fading	fading	fading	min(4)	rising	rising	rising	rising	rising
RU LIB	L	X	T	15:33:16.5	-15:19:35	316.56	<8.1-14.0>	47	fading	min(15)	rising	rising	rising	rising	MAX(13)	fading	fading	fading	fading	fading	min(28)	rising	rising
X LIB	L	X	T	15:36:12.66	-21:09:03.8	164.38	<11.0-13.5>	34	min(12)	rising	MAX(21)	fading	fading	min(25)	rising	rising	MAX(2)	fading	fading	min(7)	rising	MAX(13)	MAX(13)
W LIB	L	X	T	15:37:47.94	-16:09:57.3	205.5	<11.1-15.0>	32	MAX(15)	fading	fading	fading	min(11)	rising	rising	MAX(9)	fading	fading	fading	fading	min(2)	rising	rising
U LIB	L	X	T	15:42:03.14	-21:10:50.6	226.59	<9.6-14.4>	35	min(5)	rising	rising	MAX(17)	fading	fading	fading	min(20)	rising	rising	MAX(29)	fading	fading	fading	fading
T NOR	L	X	T	15:44:03.83	-54:59:12.5	240.7	<7.4-13.2>	66	rising	rising	MAX(30)	fading	fading	fading	fading	min(21)	rising	rising	MAX(25)	fading	fading	fading	fading
X CRB	L	X	T	15:48:53.52	+36:14:52.5	241.17	<9.1-13.6>	97	MAX(10)	fading	fading	fading	min(15)	rising	rising	rising	MAX(8)	fading	fading	fading	min(11)	rising	rising

V CRB	L	X	T	15:49:31.31	+39:34:17.9	357.63	<7.5-11.0>	306	fading	fading	fading	fading	min(15)	rising	rising	rising	rising	MAX(9)	fading	fading	fading	fading
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
R SER	L	X	T	15:50:41.73	+15:08:01.1	356.41	<6.9-13.4>	550	min(17)	rising	rising	rising	rising	MAX(13)	fading	fading	fading	fading	fading	fading	min(8)	rising
R LUP	L	X	T	15:53:28.93	-36:17:52.1	235.62	<10.1-14.1>	22	rising	rising	rising	MAX(3)	fading	fading	fading	min(3)	rising	rising	MAX(24)	fading	fading	fading
R LIB	L	X	T	15:53:36.03	-16:14:11.3	241.85	<10.3-14.8>	32	rising	MAX(1)	fading	fading	fading	min(28)	rising	rising	rising	MAX(1)	fading	fading	fading	min(25)
Z CRB	L	X	T	15:56:08.35	+29:14:17.9	250.68	<10.0-14.6>	66	fading	fading	fading	min(10)	rising	rising	MAX(24)	fading	fading	fading	fading	min(16)	rising	rising
RR LIB	L	X	T	15:56:23.7	-18:18:14.9	277.01	<8.6-14.2>	42	rising	rising	rising	MAX(28)	fading	fading	fading	fading	min(16)	rising	rising	rising	MAX(30)	fading
RZ SCO	L	X	T	16:04:36.13	-24:06:00.6	156.6	<8.8-12.2>	104	MAX(16)	fading	fading	min(18)	rising	MAX(22)	fading	fading	min(21)	rising	MAX(25)	fading	fading	min(25)
Z SCO	L	X	T	16:06:00.7	-21:43:59.5	353	<9.2-13.4>	39	fading	min(14)	rising	rising	rising	rising	rising	MAX(8)	fading	fading	fading	fading	fading	min(2)
R HER	L	X	T	16:06:11.7	+18:22:13.2	318.14	<8.8-14.6>	72	fading	fading	fading	fading	fading	min(29)	rising	rising	rising	rising	MAX(8)	fading	fading	fading
U SER	L	X	T	16:07:17.65	+09:55:52.5	237.5	<8.5-13.4>	83	rising	rising	rising	MAX(1)	fading	fading	fading	min(9)	rising	rising	MAX(24)	fading	fading	fading
X SCO	L	X	T	16:08:31.91	-21:31:50.3	199.86	<11.0-14.3>	34	min(7)	rising	rising	MAX(15)	fading	fading	min(26)	rising	rising	rising	MAX(1)	fading	fading	min(11)
RU HER	L	X	T	16:10:14.52	+25:04:14.4	484.83	<8.0-13.7>	299	fading	fading	fading	fading	fading	min(7)	rising	rising	rising	rising	rising	rising	MAX(15)	fading
W SCO	L	X	T	16:11:45.78	-20:08:13.4	221.27	<11.5-14.6>	35	rising	MAX(20)	fading	fading	fading	min(14)	rising	rising	MAX(30)	fading	fading	fading	min(22)	rising
W CRB	L	X	T	16:15:24.54	+37:47:44.1	238.4	<8.5-13.5>	165	fading	fading	min(23)	rising	rising	rising	MAX(1)	fading	fading	fading	min(17)	rising	rising	MAX(25)
R SCO	L	X	T	16:17:39.07	-22:56:40.5	224.61	<10.4-15.0>	47	fading	fading	fading	min(3)	rising	rising	MAX(17)	fading	fading	fading	min(13)	rising	rising	MAX(26)
S SCO	L	X	T	16:17:40.2	-22:53:35.8	177.92	<10.5-14.6>	56	rising	MAX(6)	fading	fading	min(7)	rising	rising	MAX(3)	fading	fading	min(1)	rising	MAX(28)	fading
W OPH	L	X	T	16:21:24.46	-07:42:00.2	332.68	<9.9-14.5>	25	min(19)	rising	rising	rising	rising	MAX(5)	fading	fading	fading	fading	fading	min(17)	rising	rising
U HER	L	X	T	16:25:47.47	+18:53:32.8	406.1	<7.5-12.5>	396	fading	fading	min(19)	rising	rising	rising	rising	MAX(9)	fading	fading	fading	fading	fading	fading
V OPH	L	X	T	16:26:43.7	-12:25:35.7	297.21	<7.5-10.2>	93	rising	MAX(14)	fading	fading	fading	fading	min(30)	rising	rising	rising	rising	MAX(8)	fading	fading
Y SCO	L	X	T	16:29:26.42	-19:20:50.7	351.88	<11.3-15.0>	34	fading	fading	fading	fading	fading	min(6)	rising	rising	rising	rising	MAX(7)	fading	fading	fading
R UMI	L	X	T	16:29:57.9	+72:16:49.1	325.7	<9.1-10.4>	198	min(7)	rising	rising	rising	rising	MAX(24)	fading	fading	fading	fading	min(28)	rising	rising	rising
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
R DRA	L	X	T	16:32:40.22	+66:45:17.8	245.6	<7.6-12.4>	482	fading	fading	fading	fading	min(5)	rising	rising	MAX(24)	fading	fading	fading	fading	min(5)	rising
SS HER	L	X	T	16:32:55.54	+06:51:29.6	107.36	<9.2-12.4>	162	rising	MAX(3)	fading	min(1)	MAX(22)	fading	min(17)	rising	MAX(6)	fading	min(1)	MAX(22)	fading	min(17)
T OPH	L	X	T	16:33:43.54	-16:07:54.3	366.82	<9.8-(14.0)>	36	fading	fading	fading	min(8)	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	fading
S OPH	L	X	T	16:34:15.22	-17:09:39.2	233.51	<9.5-14.5>	36	rising	MAX(13)	fading	fading	fading	min(25)	rising	rising	rising	MAX(5)	fading	fading	fading	min(13)
W HER	L	X	T	16:35:12.31	+37:20:43	280.03	<8.3-13.5>	211	rising	rising	MAX(25)	fading	fading	fading	fading	min(25)	rising	rising	rising	MAX(30)	fading	fading
RR OPH	L	X	T	16:49:02.46	-19:27:52.3	292.03	<8.9-14.6>	44	rising	rising	rising	MAX(27)	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	MAX(13)
S HER	L	X	T	16:51:53.92	+14:56:30.6	307.28	<7.6-12.6>	259	rising	rising	rising	MAX(5)	fading	fading	fading	fading	min(18)	rising	rising	rising	rising	MAX(7)
RS SCO	L	X	T	16:55:37.81	-45:06:10.8	319.91	<7.0-12.2>	40	fading	fading	fading	fading	fading	min(4)	rising	rising	rising	MAX(20)	fading	fading	fading	fading
RR SCO	L	X	T	16:56:37.84	-30:34:48.2	281.45	<5.9-11.8>	175	fading	min(5)	rising	rising	rising	MAX(13)	fading	fading	fading	fading	min(14)	rising	rising	rising

SS OPH	L	X	T	16:57:50.98	-02:45:42.4	180.64	<8.7-13.5>	50	rising	rising	MAX(16)	fading	fading	min(18)	rising	rising	MAX(12)	fading	fading	min(15)	rising	rising	
RV HER	L	X	T	17:00:33.24	+31:13:24	205.23	<10.1-14.8>	66	MAX(22)	fading	fading	fading	min(12)	rising	rising	MAX(15)	fading	fading	fading	min(4)	rising	rising	
RT SCO	L	X	T	17:03:32.56	-36:55:13.6	449.04	<8.2>-14.6	19	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	rising	rising	MAX(2)	fading	fading	
R OPH	L	X	T	17:07:45.82	-16:05:34.1	306.5	<7.6-13.3>	92	min(7)	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	min(10)	rising	rising	rising	
RT HER	L	X	T	17:10:48.01	+27:03:59.1	298.08	<9.4-15.0>	38	rising	rising	MAX(6)	fading	fading	fading	fading	fading	min(4)	rising	rising	MAX(29)	fading	fading	
RW SCO	L	X	T	17:14:51.67	-33:25:54.5	388.45	<9.6>-15.0	20	rising	rising	MAX(7)	fading	fading	fading	fading	fading	fading	min(27)	rising	rising	rising	rising	
Z OPH	L	X	T	17:19:32.11	+01:30:54.2	348.7	<8.1-12.7>	125	fading	fading	fading	min(15)	rising	rising	rising	rising	MAX(2)	fading	fading	fading	fading	fading	
RS HER	L	X	T	17:21:42.35	+22:55:15.9	219.7	<7.9-12.5>	261	fading	fading	min(27)	rising	rising	rising	MAX(17)	fading	fading	fading	min(1)	rising	rising	MAX(21)	
RU OPH	L	X	T	17:32:52.63	+09:25:24.8	202.29	<9.3-13.8>	24	rising	rising	MAX(18)	fading	fading	fading	min(1)	rising	rising	MAX(7)	fading	fading	min(19)	rising	
RU SCO	L	X	T	17:42:25.21	-43:45:01.2	370.75	<9.0-13.0>	21	rising	rising	MAX(23)	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	rising	rising	
SV SCO	L	X	T	17:48:19.99	-35:42:04.7	262	<9.8-14.8>	19	fading	min(12)	rising	rising	rising	MAX(22)	fading	fading	fading	fading	min(1)	rising	rising	rising	
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	
W PAV	L	X	T	17:50:26.94	-62:24:33	283.35	<9.0-14.1>	21	rising	rising	rising	MAX(4)	fading	fading	fading	fading	min(20)	rising	rising	rising	MAX(13)	fading	
U ARA	L	X	T	17:53:37.61	-51:41:14.3	225.21	<8.4-13.6>	29	fading	min(27)	rising	rising	rising	MAX(16)	fading	fading	fading	min(10)	rising	rising	MAX(28)	fading	
T DRA	L	X	T	17:56:23.31	+58:13:06.2	421.62	<9.6-12.3>	74	fading	min(3)	rising	rising	rising	rising	rising	MAX(9)	fading	fading	fading	fading	fading	fading	
RT OPH	L	X	T	17:56:32.04	+11:10:10	426.34	<9.6-15.1>	42	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	rising	MAX(5)	fading	fading	fading	
V DRA	L	X	T	17:58:14.52	+54:52:18	278.33	<9.9-14.2>	73	MAX(16)	fading	fading	fading	fading	min(7)	rising	rising	rising	MAX(21)	fading	fading	fading	fading	
RY HER	L	X	T	17:59:44.77	+19:28:53.6	221.47	<9.0-13.8>	51	fading	min(13)	rising	rising	MAX(23)	fading	fading	fading	min(23)	rising	rising	MAX(31)	fading	fading	
W DRA	L	X	T	18:05:34.66	+65:57:21.8	278.6	<9.6-14.4>	130	fading	min(28)	rising	rising	rising	rising	MAX(13)	fading	fading	fading	fading	min(3)	rising	rising	
X DRA	L	X	T	18:06:52.22	+66:09:19.5	257.33	<11.0-14.7>	58	fading	fading	fading	min(28)	rising	rising	rising	MAX(18)	fading	fading	fading	fading	min(11)	rising	
S OCT	L	X	T	18:08:44.49	-86:47:55.6	259	<8.4-13.5>	30	fading	fading	fading	min(6)	rising	rising	MAX(13)	fading	fading	fading	fading	min(21)	rising	rising	
T HER	L	X	T	18:09:06.2	+31:01:16.2	164.98	<8.0-12.8>	398	MAX(23)	fading	fading	min(23)	rising	rising	MAX(7)	fading	fading	min(5)	rising	MAX(19)	fading	fading	
R PAV	L	X	T	18:12:52.96	-63:36:57.3	229.46	<8.5-13.0>	55	rising	rising	MAX(18)	fading	fading	fading	min(16)	rising	rising	rising	MAX(3)	fading	fading	fading	
TV HER	L	X	T	18:14:40.55	+31:49:09.5	304.28	<9.7-14.5>	64	fading	fading	fading	min(15)	rising	rising	rising	MAX(3)	fading	fading	fading	fading	fading	min(14)	
W LYR	L	X	T	18:14:55.87	+36:40:13.1	197.88	<7.9-12.2>	420	fading	min(8)	rising	rising	MAX(24)	fading	fading	min(25)	rising	rising	rising	rising	MAX(8)	fading	fading
RY OPH	L	X	T	18:16:36.94	+03:41:35.3	150.41	<8.2-13.2>	81	fading	fading	min(23)	rising	MAX(30)	fading	fading	min(21)	rising	MAX(28)	fading	fading	min(18)	rising	
SV HER	L	X	T	18:26:23.08	+25:01:33	238.99	<9.8-14.4>	50	min(16)	rising	rising	rising	MAX(8)	fading	fading	fading	min(12)	rising	rising	rising	MAX(2)	fading	

RT AQL	L	X	T	19:38:01.6	+11:43:18.1	327.11	<8.4-14.0>	96	fading	fading	fading	min(21)	rising	rising	rising	rising	MAX(1)	fading	fading	fading	fading	fading	
RV AQL	L	X	T	19:40:43.06	+09:55:51.4	218.6	<9.0-14.2>	34	fading	fading	fading	min(19)	rising	rising	MAX(31)	fading	fading	fading	min(23)	rising	rising	rising	
RT CYG	L	X	T	19:43:37.77	+48:46:41.3	190.28	<7.3-11.8>	500	fading	fading	min(11)	rising	rising	MAX(5)	fading	fading	min(18)	rising	rising	MAX(13)	fading	fading	
TU CYG	L	X	T	19:46:10.66	+49:04:24.4	219.44	<9.4-14.2>	117	rising	MAX(16)	fading	fading	fading	min(8)	rising	rising	MAX(23)	fading	fading	fading	min(14)	rising	
KHI CYG	L	X	T	19:50:33.91	+32:54:50.6	408.05	<5.2-13.4>	1573	fading	fading	fading	fading	fading	fading	min(1)	rising	rising	rising	rising	rising	MAX(8)	fading	fading
T PAV	L	X	T	19:50:43.48	-71:46:17.2	243.62	<8.0-13.8>	65	rising	rising	MAX(23)	fading	fading	fading	fading	min(10)	rising	rising	MAX(21)	fading	fading	fading	
X AQL	L	X	T	19:51:29.8	+04:27:51.6	347.04	<8.9-14.9>	56	fading	fading	fading	fading	min(23)	rising	rising	rising	rising	rising	MAX(30)	fading	fading	fading	fading
S PAV	L	X	T	19:55:13.96	-59:11:44.3	380.86	<7.2-9.3>	76	rising	rising	rising	rising	MAX(23)	fading	fading	fading	fading	fading	fading	min(30)	rising	rising	rising
RR SGR	L	X	T	19:55:56.42	-29:11:24.1	336.33	<6.8-13.2>	63	rising	rising	MAX(5)	fading	fading	fading	fading	fading	min(16)	rising	rising	rising	rising	rising	MAX(5)
RR AQL	L	X	T	19:57:36.06	-01:53:11.2	394.78	<9.0-13.9>	59	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	MAX(7)	fading	fading	fading	fading	fading
RU SGR	L	X	T	19:58:42.87	-41:50:57.9	240.49	<7.2-12.8>	70	fading	min(17)	rising	rising	rising	MAX(1)	fading	fading	fading	min(16)	rising	rising	rising	MAX(28)	fading
RS AQL	L	X	T	19:59:06.58	-07:53:02.5	410.12	<9.7-15.2>	19	rising	MAX(26)	fading	fading	fading	fading	fading	fading	fading	min(11)	rising	rising	rising	rising	rising
Z CYG	L	X	T	20:01:27.46	+50:02:32.6	263.69	<8.7-13.3>	224	fading	fading	min(30)	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	min(18)	rising	rising
S CYG	L	X	T	20:05:29.96	+57:59:08.7	322.93	<10.3-16.0>	81	fading	fading	min(9)	rising	rising	rising	rising	MAX(17)	fading	fading	fading	fading	min(26)	rising	
SY AQL	L	X	T	20:07:05.4	+12:57:06.3	355.92	<9.5-14.4>	49	rising	rising	rising	rising	rising	rising	rising	MAX(4)	fading	fading	fading	fading	fading	fading	fading
R CAP	L	X	T	20:11:18.34	-14:16:03.3	345.13	<10.6-13.6>	40	fading	min(10)	rising	rising	rising	MAX(24)	fading	fading	fading	fading	fading	fading	fading	min(21)	rising
S AQL	L	X	T	20:11:37.47	+15:37:14.5	146.45	<8.9-12.4>	113	fading	min(20)	rising	MAX(27)	fading	fading	min(17)	rising	MAX(21)	fading	fading	min(10)	rising	MAX(14)	
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	
RU AQL	L	X	T	20:12:44.82	+12:59:41.2	274.24	<9.4-14.0>	25	MAX(10)	fading	fading	fading	fading	min(15)	rising	rising	rising	MAX(11)	fading	fading	fading	fading	fading
RS CYG	L	X	T	20:13:23.65	+38:43:44.5	417.39	<7.2-9.0>	385	rising	rising	rising	MAX(12)	fading	fading	fading	fading	fading	min(23)	rising	rising	rising	rising	rising
W CAP	L	X	T	20:14:29	-21:58:45	209.67	<11.7-14.8>	16	rising	rising	MAX(27)	fading	fading	fading	min(3)	rising	rising	MAX(22)	fading	fading	min(29)	rising	
R TEL	L	X	T	20:14:45.11	-46:58:54.9	461.88	<8.6-14.8>	18	fading	fading	fading	fading	fading	fading	min(28)	rising	rising	rising	rising	rising	rising	rising	MAX(10)
R DEL	L	X	T	20:14:55.14	+09:05:21	285.07	<8.3-13.3>	129	fading	fading	fading	min(1)	rising	rising	rising	MAX(12)	fading	fading	fading	fading	fading	min(11)	rising
Z AQL	L	X	T	20:15:11.03	-06:09:03.8	129.22	<9.0-13.9>	35	fading	min(2)	rising	MAX(7)	fading	min(11)	rising	MAX(14)	fading	min(19)	rising	rising	MAX(22)	fading	min(25)
SX CYG	L	X	T	20:15:33.52	+31:04:20.1	411.02	<9.0-14.3>	67	fading	fading	fading	fading	fading	min(13)	rising	rising	rising	rising	rising	rising	MAX(29)	fading	fading
RT SGR	L	X	T	20:17:43.64	-39:06:46	306.46	<7.0-13.3>	31	fading	fading	fading	fading	min(18)	rising	rising	rising	rising	MAX(6)	fading	fading	fading	fading	fading
WX CYG	L	X	T	20:18:33.26	+37:26:59.1	410.45	<9.7-12.6>	129	fading	fading	fading	fading	min(5)	rising	rising	rising	rising	rising	rising	rising	MAX(12)	fading	fading
U CYG	L	X	T	20:19:36.59	+47:53:39	463.24	<7.2-10.7>	260	fading	fading	fading	fading	fading	fading	min(16)	rising	rising	rising	rising	rising	rising	rising	MAX(25)
U MIC	L	X	T	20:29:15.77	-40:25:01.3	334.29	<8.8-14.0>	19	min(26)	rising	rising	rising	rising	rising	MAX(4)	fading	fading	fading	fading	fading	min(27)	rising	rising

ST CYG	L	X	T	20:32:33.48	+54:57:00.5	337.29	<9.9-13.9>	70	rising	rising	rising	rising	MAX(24)	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	
RU CAP	L	X	T	20:32:34.01	-21:41:25.5	347.37	<9.7-15.1>	15	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	MAX(2)	fading	fading	fading	fading	
Z DEL	L	X	T	20:32:39.15	+17:27:03.3	304.48	<8.8-14.5>	43	rising	rising	rising	MAX(12)	fading	fading	fading	fading	min(16)	rising	rising	rising	rising	MAX(11)	
R MIC	L	X	T	20:40:02.99	-28:47:31.2	138.62	<9.2-13.4>	34	rising	MAX(28)	fading	fading	min(4)	rising	MAX(16)	fading	min(20)	rising	rising	MAX(2)	fading	min(5)	
V CYG	L	X	T	20:41:18.27	+48:08:28.7	421.27	<9.1-12.8>	103	rising	rising	rising	rising	MAX(14)	fading	fading	fading	fading	fading	fading	fading	min(4)	rising	
Y DEL	L	X	T	20:41:38.98	+11:52:38.3	468.4	<9.9-14.0>	29	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	fading	fading	fading	min(10)	rising	
S DEL	L	X	T	20:43:04.87	+17:05:17.3	277.75	<8.8-12.0>	136	rising	rising	rising	MAX(13)	fading	fading	fading	fading	min(5)	rising	rising	rising	MAX(16)	fading	
Y AQR	L	X	T	20:44:25.07	-04:50:00.5	382.34	<9.4-14.8>	58	fading	fading	fading	min(21)	rising	rising	rising	rising	rising	MAX(1)	fading	fading	fading	fading	
T DEL	L	X	T	20:45:21.04	+16:23:55.8	332.02	<9.3-14.8>	61	rising	rising	MAX(20)	fading	fading	fading	fading	fading	min(13)	rising	rising	rising	rising	MAX(15)	
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	
W AQR	L	X	T	20:46:25.01	-04:05:00.3	381.1	<8.9-14.2>	31	fading	fading	fading	fading	fading	fading	fading	min(14)	rising	rising	rising	rising	rising	MAX(8)	fading
V DEL	L	X	T	20:47:46.03	+19:20:06.7	533	<10.1-15.5>	32	rising	rising	rising	rising	rising	MAX(26)	fading	fading	fading	fading	fading	fading	fading	fading	
U CAP	L	X	T	20:48:08.59	-14:47:01.1	203.14	<11.1-14.8>	15	fading	fading	min(9)	rising	rising	MAX(9)	fading	fading	min(28)	rising	rising	MAX(29)	fading	fading	
T AQR	L	X	T	20:49:56.4	-05:08:48	202.1	<7.7-13.1>	45	fading	fading	fading	min(10)	rising	rising	MAX(12)	fading	fading	min(29)	rising	rising	MAX(30)	fading	
RZ CYG	L	X	T	20:51:53.19	+47:21:20.4	275.69	<10.5-13.0>	36	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	MAX(1)	fading	fading	fading	fading	
X DEL	L	X	T	20:54:54.13	+17:38:29.9	281.04	<9.0-14.1>	61	rising	MAX(20)	fading	fading	fading	fading	fading	min(10)	rising	rising	MAX(28)	fading	fading	fading	
UX CYG	L	X	T	20:55:05.5	+30:24:52	565	<9.7-14.7>	14	MAX(27)	fading	fading	fading	fading	fading	fading	fading	fading	fading	fading	fading	min(2)	rising	
X CEP	L	X	T	20:56:10.14	+83:03:25.4	535.19	<9.4-15.7>	38	min(5)	rising	rising	rising	rising	rising	rising	MAX(30)	fading	fading	fading	fading	fading	fading	
S IND	L	X	T	20:56:23.27	-54:19:26.7	399.95	<8.2-15>	16	rising	rising	rising	MAX(6)	fading	fading	fading	fading	fading	fading	fading	min(22)	rising	rising	
RR CAP	L	X	T	21:02:20.77	-27:05:14.8	277.54	<9.3-14.5>	21	fading	fading	fading	min(20)	rising	rising	rising	MAX(9)	fading	fading	fading	fading	min(22)	rising	
R VUL	L	X	T	21:04:22.5	+23:49:18	136.73	<8.1-12.6>	152	rising	MAX(13)	fading	min(21)	rising	MAX(29)	fading	fading	min(5)	rising	MAX(13)	fading	min(20)	rising	
TW CYG	L	X	T	21:05:59.69	+29:24:21.3	340.86	<10.0-14.5>	51	fading	fading	fading	fading	min(28)	rising	rising	rising	rising	rising	rising	MAX(5)	fading	fading	
V CAP	L	X	T	21:07:36.64	-23:55:13.5	275.72	<9.2>-14.4	26	fading	min(11)	rising	rising	rising	MAX(5)	fading	fading	fading	fading	min(13)	rising	rising	rising	
X CAP	L	X	T	21:08:33.01	-21:20:51.7	217.94	<11.1-14.8>	14	MAX(9)	fading	fading	fading	min(7)	rising	rising	MAX(15)	fading	fading	fading	min(11)	rising	rising	
T CEP	L	X	T	21:09:31.78	+68:29:27.2	388.14	<6.0-10.3>	1104	rising	rising	rising	rising	rising	MAX(7)	fading	fading	fading	min(30)	rising	rising	rising	rising	
Z CAP	L	X	T	21:10:37.51	-16:10:25.2	181.48	<9.5-14.0>	15	rising	MAX(19)	fading	fading	min(24)	rising	rising	MAX(20)	fading	fading	min(21)	rising	rising	MAX(17)	
RS AQR	L	X	T	21:10:58.12	-04:01:40.1	214.62	<10.0-14.0>	24	fading	fading	min(13)	rising	rising	MAX(16)	fading	fading	fading	min(13)	rising	rising	MAX(16)	fading	
R EQU	L	X	T	21:13:11.48	+12:48:06.1	260.76	<9.3-14.5>	48	fading	fading	fading	min(9)	rising	rising	MAX(31)	fading	fading	fading	fading	min(26)	rising	rising	
RR AQR	L	X	T	21:15:01.31	-02:53:44.9	182.45	<9.5-13.9>	22	rising	MAX(12)	fading	fading	fading	min(5)	rising	MAX(14)	fading	fading	fading	min(4)	rising	MAX(12)	
X PEG	L	X	T	21:20:59.84	+14:27:00.3	201.2	<9.4-13.8>	42	fading	fading	min(31)	rising	rising	rising	MAX(11)	fading	fading	min(18)	rising	rising	MAX(28)	fading	
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	
T CAP	L	X	T	21:22:00.82	-15:09:33	269.28	<9.5-13.9>	32	rising	rising	MAX(26)	fading	fading	fading	fading	min(26)	rising	rising	rising	MAX(21)	fading	fading	
S MIC	L	X	T	21:26:44.09	-29:51:04.7	209.68	<9.0-13.8>	26	rising	rising	MAX(18)	fading	fading	fading	min(19)	rising	rising	MAX(13)	fading	fading	fading	min(14)	
Y CAP	L	X	T	21:34:22.92	-13:58:29.3	411.76	<11.6-14.8>	16	MAX(4)	fading	fading	fading	fading	fading	fading	min(30)	rising	rising	rising	rising	rising	MAX(20)	
S CEP	L	X	T	21:35:12.83	+78:37:28.1	486.84	<8.3-11.2>	419	rising	rising	rising	rising	rising	MAX(19)	fading	fading	fading	fading	fading	fading	min(30)	rising	

RU CYG	L	X	T	21:40:39.08	+54:19:28.8	233.43	<8.0-9.4>	251	min(13)	rising	rising	rising	MAX(14)	fading	fading	fading	min(4)	rising	rising	rising	MAX(3)	fading	
RR PEG	L	X	T	21:44:30.59	+25:00:26.3	264.05	<9.2-14.1>	98	fading	min(6)	rising	rising	MAX(30)	fading	fading	fading	fading	min(28)	rising	rising	rising	MAX(18)	
R GRU	L	X	T	21:48:31.75	-46:54:50.4	331.96	<8.3-14.6>	30	fading	min(20)	rising	rising	rising	rising	MAX(17)	fading	fading	fading	fading	fading	fading	min(18)	rising
V PEG	L	X	T	22:01:02.57	+06:07:11	302.35	<8.7-14.4>	52	rising	rising	MAX(16)	fading	fading	fading	fading	fading	min(1)	rising	rising	rising	MAX(13)	fading	
S PSA	L	X	T	22:03:45.83	-28:03:04.2	271.7	<9.0>-(13.4	23	MAX(23)	fading	fading	fading	fading	min(19)	rising	rising	rising	MAX(21)	fading	fading	fading	fading	
RT PEG	L	X	T	22:04:10.12	+35:07:18.4	215	<9.9-14.5>	41	fading	min(21)	rising	rising	MAX(24)	fading	fading	fading	min(24)	rising	rising	MAX(25)	fading	fading	
RZ PEG	L	X	T	22:05:52.96	+33:30:24.8	438.7	<8.8-12.8>	88	rising	rising	rising	rising	rising	rising	MAX(3)	fading	fading	fading	fading	fading	fading	fading	
T PEG	L	X	T	22:08:54.3	+12:32:24.5	379.4	<8.9-14.3>	43	rising	rising	rising	MAX(6)	fading	fading	fading	fading	fading	min(15)	rising	rising	rising	rising	
Y PEG	L	X	T	22:11:37.48	+14:21:55.9	206.93	<10.5-14.9>	24	rising	MAX(14)	fading	fading	fading	min(4)	rising	rising	MAX(9)	fading	fading	min(28)	rising	rising	
RS PEG	L	X	T	22:12:16.18	+14:33:12.2	415.4	<9.3-14.3>	45	fading	fading	fading	fading	fading	min(22)	rising	rising	rising	rising	rising	MAX(28)	fading	fading	
RS LAC	L	X	T	22:12:52.53	+43:45:00.7	237.26	<10.4-11.9>	35	min(7)	rising	rising	rising	MAX(11)	fading	fading	fading	min(1)	rising	rising	rising	MAX(4)	fading	
R PSA	L	X	T	22:18:00.19	-29:36:13.8	297.6	<9.2-14.7>	23	fading	fading	fading	fading	fading	min(8)	rising	rising	rising	MAX(2)	fading	fading	fading	fading	
X AQR	L	X	T	22:18:39.31	-20:54:04.1	311.65	<8.3-14.4>	32	rising	rising	rising	rising	MAX(1)	fading	fading	fading	fading	min(26)	rising	rising	rising	rising	
RV PEG	L	X	T	22:25:36.8	+30:28:21.3	396.8	<9.9-14.6>	51	fading	fading	fading	fading	min(30)	rising	rising	rising	rising	MAX(14)	fading	fading	fading	fading	
T GRU	L	X	T	22:25:40.93	-37:34:09.1	136.49	<8.6-11.5>	81	fading	min(6)	rising	MAX(24)	fading	min(23)	rising	rising	MAX(8)	fading	min(6)	rising	MAX(22)	fading	
S GRU	L	X	T	22:26:05.46	-48:26:18.8	401.51	<7.7-14.4>	32	rising	rising	rising	rising	MAX(4)	fading	fading	fading	fading	fading	fading	min(11)	rising	rising	
NAME	LINKS			R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	
S LAC	L	X	T	22:29:00.9	+40:18:55.9	241.5	<8.2-13.0>	142	min(17)	rising	rising	rising	MAX(5)	fading	fading	fading	min(16)	rising	rising	rising	MAX(1)	fading	
R IND	L	X	T	22:36:00.39	-67:17:15.9	216.26	<8.4-14.3>	14	fading	min(26)	rising	rising	rising	MAX(1)	fading	fading	fading	min(1)	rising	rising	MAX(4)	fading	
T TUC	L	X	T	22:40:33.48	-61:33:13.6	250.3	<8.1-13.2>	48	rising	rising	MAX(26)	fading	fading	fading	fading	min(9)	rising	rising	rising	MAX(2)	fading	fading	
R LAC	L	X	T	22:43:15.64	+42:22:11.2	299.86	<9.1-14.4>	15	fading	fading	fading	fading	min(25)	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	
S AQR	L	X	T	22:57:06.48	-20:20:35.4	279.27	<8.3-14.1>	75	min(9)	rising	rising	MAX(28)	fading	fading	fading	fading	fading	min(16)	rising	rising	rising	MAX(2)	
RW PEG	L	X	T	23:04:11.48	+15:18:11.9	208.43	<9.7-14.0>	34	min(9)	rising	rising	MAX(17)	fading	fading	fading	min(5)	rising	rising	MAX(12)	fading	fading	fading	
R PEG	L	X	T	23:06:39.17	+10:32:36	378.1	<7.8-13.2>	77	rising	rising	rising	rising	MAX(10)	fading	fading	fading	fading	fading	min(16)	rising	rising	rising	
V CAS	L	X	T	23:11:40.72	+59:41:58.9	228.83	<7.9-12.2>	310	fading	fading	fading	min(30)	rising	rising	rising	MAX(8)	fading	fading	fading	min(15)	rising	rising	
W PEG	L	X	T	23:19:50.5	+26:16:43.6	345.5	<8.2-12.7>	122	fading	min(9)	rising	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	min(20)	rising	
S PEG	L	X	T	23:20:32.62	+08:55:08.1	319.22	<8.0-13.0>	115	fading	min(28)	rising	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	min(13)	rising	
V PHE	L	X	T	23:32:27.25	-45:59:19.1	257	<9.2-14.0>	30	MAX(17)	fading	fading	fading	min(30)	rising	rising	rising	rising	MAX(1)	fading	fading	fading	min(11)	
ST AND	L	X	T	23:38:45.13	+35:46:21.2	328.34	<8.2-11.8>	68	fading	min(5)	rising	rising	rising	rising	MAX(29)	fading	fading	fading	fading	min(31)	rising	rising	
R AQR	L	X	T	23:43:49.45	-15:17:04.1	386.96	<6.5-10.3>	222	min(9)	rising	rising	rising	rising	MAX(9)	fading	fading	fading	fading	fading	fading	min(31)	rising	
Z CAS	L	X	T	23:44:31.54	+56:34:52.3	495.71	<10.0-14.7>	80	rising	rising	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	fading	fading	fading	
RR CAS	L	X	T	23:55:49.01	+53:43:29.3	300.07	<10.5-14.0>	37	rising	rising	MAX(18)	fading	fading	fading	fading	min(18)	rising	rising	rising	rising	MAX(12)	fading	
R PHE	L	X	T	23:56:27.55	-49:47:12.5	269.26	<8.0-14.1>	52	rising	rising	rising	rising	MAX(19)	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(13)	

