



AAVSO BULLETIN 76

Predicted Times of Maxima and Minima for Long-Period Variables, January 2013 -- February 2014

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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 2012 (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, R NOR, and V BOO, please see table on the AAVSO Bulletin 76 for 2013 webpage: <http://www.aavso.org/aavso-bulletin-76-2013>.

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>	139	fading	min(22)	rising	rising	rising	rising	rising	MAX(10)	fading	fading	fading	fading	min(23)	rising
W CET	L X T	00:02:07.38	-14:40:33	351.31	<7.6-14.4>	18	rising	rising	rising	rising	MAX(9)	fading	fading	fading	fading	min(23)	rising	rising	rising	rising
Y CAS	L X T	00:03:21.44	+55:40:51.9	413.48	<9.8-14.5>	57	fading	fading	min(13)	rising	rising	rising	rising	rising	MAX(14)	fading	fading	fading	fading	fading
SV AND	L X T	00:04:20.07	+40:06:35.7	316.21	<8.7-13.7>	22	rising	rising	MAX(22)	fading	fading	fading	fading	min(31)	rising	rising	rising	rising	rising	MAX(1)
V SCL	L X T	00:08:37.33	-39:13:05	296.1	<9.9-14.6>	15	rising	rising	rising	MAX(7)	fading	fading	fading	fading	min(4)	rising	rising	rising	rising	MAX(28)
SS CAS	L X T	00:09:36.53	+51:34:00.9	140.57	<9.8-13.1>	136	rising	MAX(8)	fading	min(27)	rising	MAX(29)	fading	fading	min(14)	rising	MAX(16)	fading	fading	min(2)
S SCL	L X T	00:15:22.27	-32:02:43	362.57	<6.7-12.9>	62	MAX(3)	fading	fading	fading	fading	fading	min(21)	rising	rising	rising	rising	rising	rising	MAX(1)
X AND	L X T	00:16:09.53	+47:00:45.2	346.18	<9.0-14.8>	101	fading	fading	fading	fading	min(15)	rising	rising	rising	MAX(16)	fading	fading	fading	fading	fading
T AND	L X T	00:22:23.15	+26:59:45.8	280.76	<8.5-13.8>	99	rising	rising	rising	MAX(28)	fading	fading	fading	fading	fading	min(1)	rising	rising	rising	MAX(3)
S TUC	L X T	00:23:07.68	-61:40:17	240.71	<9.3-14.5>	44	min(14)	rising	rising	MAX(30)	fading	fading	fading	fading	min(12)	rising	rising	MAX(26)	fading	fading
T CAS	L X T	00:23:14.27	+55:47:33.2	444.83	<7.9-11.9>	322	rising	rising	rising	rising	rising	rising	rising	MAX(17)	fading	fading	fading	fading	fading	fading
R AND	L X T	00:24:01.94	+38:34:37.3	409.33	<6.9-14.3>	344	fading	fading	fading	fading	fading	fading	fading	min(27)	rising	rising	rising	rising	MAX(22)	fading
S CET	L X T	00:24:03.55	-09:19:40.6	320.45	<8.2-14.2>	22	rising	MAX(28)	fading	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	rising	MAX(15)
T SCL	L X T	00:29:12.13	-37:54:30.7	202.42	<9.2-13.0>	39	rising	MAX(15)	fading	fading	min(31)	rising	rising	rising	MAX(6)	fading	fading	min(20)	rising	rising
T PHE	L X T	00:30:26.21	-46:24:33.3	281.79	<9.4-14.2>	27	rising	rising	MAX(2)	fading	fading	fading	fading	min(26)	rising	rising	rising	MAX(9)	fading	fading
Y CEP	L X T	00:38:22.79	+80:21:25.8	332.57	<9.6-15.1>	57	min(20)	rising	rising	rising	rising	MAX(5)	fading	fading	fading	fading	fading	min(18)	rising	rising
U CAS	L X T	00:46:21.36	+48:14:38.6	277.2	<8.4-14.8>	163	fading	fading	fading	min(28)	rising	rising	rising	rising	MAX(2)	fading	fading	fading	min(30)	rising
RW AND	L X T	00:47:18.9	+32:41:08.8	430.3	<8.7-14.8>	39	rising	rising	MAX(8)	fading	fading	fading	fading	fading	fading	fading	fading	min(21)	rising	rising

X SCL	L	X	I	00:49:29.51	-34:54:46	261.63	<10.6-14.2>	10	rising	MAX(28)	fading	fading	fading	fading	min(9)	rising	rising	rising	MAX(17)	fading	fading	fading	
V AND	L	X	I	00:50:06.28	+35:39:10.1	257.73	<9.5-14.4>	110	fading	min(6)	rising	rising	rising	MAX(10)	fading	fading	fading	min(22)	rising	rising	rising	MAX(22)	
NAME	LINKS	R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB			
RR AND	L	X	I	00:51:23.32	+34:22:36.8	328.15	<9.1-15.1>	85	fading	min(14)	rising	rising	rising	rising	MAX(5)	fading	fading	fading	fading	min(8)	rising		
RV CAS	L	X	I	00:52:42.78	+47:24:56.4	331.68	<9.4-15.2>	94	fading	fading	fading	fading	fading	fading	min(2)	rising	rising	MAX(21)	fading	fading	fading		
W CAS	L	X	I	00:54:53.85	+58:33:49.2	405.57	<8.8-11.8>	393	rising	rising	MAX(29)	fading	fading	fading	fading	fading	min(25)	rising	rising	rising	rising		
U TUC	L	X	I	00:57:13.14	-75:00:00.3	264.8	<8.6-14.1>	51	rising	rising	MAX(19)	fading	fading	fading	fading	min(3)	rising	rising	rising	MAX(9)	fading	fading	
Z CET	L	X	I	01:06:45.11	-01:28:53.1	184.81	<8.9-13.5>	43	fading	fading	min(3)	rising	MAX(24)	fading	fading	fading	min(4)	rising	MAX(25)	fading	fading	fading	
U SCL	L	X	I	01:11:36.37	-30:06:28.5	333.73	<9.8-15.1>	26	fading	fading	min(2)	rising	rising	rising	MAX(13)	fading	fading	fading	fading	fading	min(29)	rising	
U AND	L	X	I	01:15:29.7	+40:43:08.4	346.55	<9.9-14.3>	32	min(21)	rising	rising	rising	rising	MAX(19)	fading	fading	fading	fading	fading	fading	min(3)	rising	
UZ AND	L	X	I	01:16:11.16	+41:44:58.3	314.3	<10.1-14.9>	57	fading	fading	fading	min(21)	rising	rising	rising	rising	MAX(1)	fading	fading	fading	fading	fading	
S PSC	L	X	I	01:17:34.54	+08:55:52.6	404.62	<9.6-15.0>	55	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	MAX(29)	fading	fading	fading	fading	
S CAS	L	X	I	01:19:41.97	+72:36:40.7	612.43	<9.7-14.8>	172	fading	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	rising	rising	rising	MAX(23)	
U PSC	L	X	I	01:22:58.48	+12:52:03.9	173.1	<11.0-14.4>	25	fading	min(16)	rising	rising	MAX(10)	fading	fading	min(8)	rising	MAX(30)	fading	fading	fading	min(28)	rising
RZ PER	L	X	I	01:29:42.17	+50:51:24	355.25	<9.4-13.7>	15	rising	rising	rising	rising	MAX(31)	fading	fading	fading	fading	fading	fading	min(4)	rising	rising	
R PSC	L	X	I	01:30:38.32	+02:52:53.7	344.5	<8.2-14.3>	58	fading	fading	fading	fading	fading	fading	min(11)	rising	rising	rising	MAX(23)	fading	fading	fading	
Y AND	L	X	I	01:39:36.9	+39:20:34.6	220.53	<9.2-14.2>	64	rising	rising	MAX(24)	fading	fading	fading	min(20)	rising	rising	MAX(30)	fading	fading	fading	min(25)	
X CAS	L	X	I	01:56:38.09	+59:15:33.6	422.84	<10.1-12.5>	84	fading	fading	fading	min(22)	rising	rising	rising	rising	rising	rising	rising	rising	MAX(15)	fading	fading
U PER	L	X	I	01:59:35.1	+54:49:19.9	320.26	<8.1-11.3>	202	fading	fading	fading	min(7)	rising	rising	rising	rising	rising	MAX(2)	fading	fading	fading	fading	min(22)
S ARI	L	X	I	02:04:37.66	+12:31:37.4	292.15	<10.9-15.2>	25	rising	MAX(8)	fading	fading	fading	fading	min(20)	rising	rising	rising	MAX(27)	fading	fading	fading	
R ARI	L	X	I	02:16:07.1	+25:03:23.6	186.78	<8.2-13.2>	187	fading	min(25)	rising	rising	MAX(21)	fading	fading	min(31)	rising	rising	MAX(24)	fading	fading	fading	
W AND	L	X	I	02:17:32.95	+44:18:17.7	395.93	<7.4-13.7>	192	fading	fading	fading	fading	min(9)	rising	rising	rising	rising	rising	MAX(13)	fading	fading	fading	
OMI CET	L	X	I	02:19:20.78	-02:58:39.5	331.96	<3.4-9.3>	603	fading	fading	min(18)	rising	rising	rising	MAX(16)	fading	fading	fading	fading	fading	fading	min(13)	
NAME	LINKS	R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB			
R CET	L	X	I	02:26:02.31	-00:10:41.8	166.24	<8.1-13.0>	85	fading	min(7)	rising	MAX(21)	fading	fading	min(23)	rising	rising	MAX(4)	fading	fading	min(6)	rising	
Z CEP	L	X	I	02:26:17.39	+81:40:41.9	279.16	<10.8-15.4>	47	rising	rising	MAX(17)	fading	fading	fading	fading	min(17)	rising	rising	rising	MAX(21)	fading	fading	
RR PER	L	X	I	02:28:29.42	+51:16:17.1	389.62	<9.2-14.4>	69	MAX(25)	fading	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	rising	rising	MAX(19)	
R FOR	L	X	I	02:29:15.3	-26:05:55.7	388.73	<8.9-12.2>	57	MAX(19)	fading	fading	fading	fading	fading	min(29)	rising	rising	rising	rising	rising	rising	MAX(12)	
U CET	L	X	I	02:33:43.66	-13:08:54.3	234.76	<7.5-12.6>	62	fading	fading	min(6)	rising	rising	MAX(22)	fading	fading	fading	min(27)	rising	rising	rising	MAX(12)	
R TRI	L	X	I	02:37:02.33	+34:15:51.4	266.9	<6.2-11.7>	322	rising	rising	rising	MAX(5)	fading	fading	fading	min(16)	rising	rising	rising	MAX(28)	fading	fading	
RR CEP	L	X	I	02:43:15.47	+81:08:09.5	384.18	<10.2-14.7>	34	fading	fading	fading	fading	fading	fading	min(26)	rising	rising	rising	rising	MAX(19)	fading	fading	
T ARI	L	X	I	02:48:19.74	+17:30:33.8	317	<8.3-10.9>	143	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading	min(9)	rising	rising	rising	rising	
R HOR	L	X	I	02:53:52.76	-49:53:22.7	407.6	<6.0-13.0>	42	rising	rising	rising	rising	rising	MAX(12)	fading	fading	fading	fading	fading	fading	fading	min(11)	
T HOR	L	X	I	03:00:52.12	-50:38:31.8	217.6	<8.2-13.2>	28	rising	MAX(15)	fading	fading	fading	min(5)	rising	rising	MAX(20)	fading	fading	fading	min(8)	rising	
U ARI	L	X	I	03:11:03.04	+14:48:00.2	371.13	<8.1-14.6>	73	MAX(1)	fading	fading	fading	fading	fading	min(28)	rising	rising	rising	rising	rising	MAX(7)	fading	
X CET	L	X	I	03:19:26.07	-01:03:56.1	177.14	<8.8-12.3>	59	MAX(8)	fading	fading	min(15)	rising	rising	MAX(4)	fading	fading	min(9)	rising	MAX(28)	fading	fading	
Y PER	L	X	I	03:27:42.38	+44:10:36.5	248.6	<8.4-10.3>	299	min(4)	rising	rising	MAX(6)	fading	fading	fading	fading	min(10)	rising	rising	MAX(10)	fading	fading	
R PER	L	X	I	03:30:03.11	+35:40:16.6	209.89	<8.7-14.0>	71	fading	fading	fading	min(9)	rising	rising	MAX(23)	fading	fading	fading	min(5)	rising	rising	MAX(18)	
U ERI	L	X	I	03:50:29.15	-24:57:22.8	274.91	<9.4-14.8>	41	fading	fading	fading	fading	min(21)	rising	rising	rising	MAX(23)	fading	fading	fading	fading	min(20)	
T ERI	L	X	I	03:55:13.9	-24:01:56.6	252.29	<8.0-12.8>	73	fading	fading	min(13)	rising	rising	rising	MAX(1)	fading	fading	fading	min(21)	rising	rising	rising	
W ERI	L	X	I	04:11:31.02	-25:08:02.2	376.63	<8.6-13.8>	35	min(26)	rising	rising	rising	rising	MAX(26)	fading	fading	fading	fading	fading	fading	fading	min(7)	
W TAU	L	X	I	04:27:57.19	+16:02:36.2	264.6	<9.9-11.4>	145	min(23)	rising	rising	rising	rising	MAX(12)	fading	fading	fading	min(15)	rising	rising	rising	rising	
R TAU	L	X	I	04:28:18	+10:09:44.7	320.9	<8.6-14.2>	174	fading	fading	fading	fading	fading	min(16)	rising	rising	rising	MAX(27)	fading	fading	fading	fading	

S TAU	L	X	I	04:29:11.75	+09:56:43.5	374.5	<10.2-15.3>	31	fading	fading	fading	min(12)	rising	rising	rising	rising	MAX(15)	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	I	04:33:32.83	-63:01:45	278.46	<7.6-13.3>	50	fading	fading	min(2)	rising	rising	rising	MAX(12)	fading	fading	fading	fading	min(6)	rising	rising
RX TAU	L	X	I	04:38:14.56	+08:20:09.2	331.8	<9.6-14.0>	79	MAX(29)	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(27)	fading	fading	
T CAM	L	X	I	04:40:08.87	+66:08:48.5	373.2	<8.0-13.8>	177	fading	fading	min(10)	rising	rising	rising	rising	MAX(24)	fading	fading	fading	fading	fading	fading
R CAE	L	X	I	04:40:30.09	-38:14:06.9	390.95	<7.9-13.1>	24	rising	rising	rising	MAX(11)	fading	fading	fading	fading	fading	fading	fading	min(7)	rising	rising
X CAM	L	X	I	04:45:42.18	+75:06:03.4	143.56	<8.1-12.6>	248	MAX(5)	fading	min(22)	rising	MAX(29)	fading	fading	min(12)	rising	MAX(19)	fading	fading	min(3)	rising
V TAU	L	X	I	04:52:02.29	+17:32:16.8	168.7	<9.2-13.7>	55	min(7)	rising	MAX(23)	fading	fading	min(25)	rising	rising	MAX(7)	fading	fading	min(10)	rising	MAX(23)
R ORI	L	X	I	04:59:00.55	+08:07:49.6	377.1	<9.6-13.1>	77	fading	fading	fading	fading	fading	fading	min(5)	rising	rising	rising	rising	MAX(4)	fading	fading
R LEP	L	X	I	04:59:36.34	-14:48:22.5	427.07	<6.8-9.6>	203	min(24)	rising	rising	rising	rising	rising	rising	MAX(11)	fading	fading	fading	fading	fading	fading
T LEP	L	X	I	05:04:50.83	-21:54:16.4	368.13	<8.3-12.9>	59	MAX(23)	fading	fading	fading	fading	fading	min(8)	rising	rising	rising	rising	rising	MAX(26)	fading
V ORI	L	X	I	05:06:03.43	+04:06:08.7	263.7	<9.4-14.1>	83	fading	fading	min(15)	rising	rising	rising	MAX(20)	fading	fading	fading	fading	min(3)	rising	rising
S PIC	L	X	I	05:10:57.25	-48:30:25.4	428	<8.1-13.8>	36	min(17)	rising	rising	rising	rising	MAX(24)	fading	fading	fading	fading	fading	fading	fading	fading
T PIC	L	X	I	05:15:05.86	-46:55:04.7	200.58	<8.4-13.9>	29	rising	rising	rising	MAX(2)	fading	fading	min(18)	rising	rising	MAX(19)	fading	fading	fading	min(3)
R AUR	L	X	I	05:17:17.69	+53:35:10.1	457.51	<7.7-13.3>	201	rising	MAX(14)	fading	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	rising	rising
T COL	L	X	I	05:19:17.32	-33:42:29	225.84	<7.5-11.9>	67	fading	fading	min(18)	rising	rising	MAX(29)	fading	fading	fading	min(30)	rising	rising	rising	MAX(10)
R OCT	L	X	I	05:26:06.18	-86:23:17.8	405.39	<7.9-12.4>	21	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	rising	rising	MAX(8)	fading	fading
W AUR	L	X	I	05:26:54.56	+36:54:11.1	274.27	<9.2-14.6>	82	fading	fading	fading	fading	min(22)	rising	rising	rising	MAX(21)	fading	fading	fading	fading	min(21)
S ORI	L	X	I	05:29:00.89	-04:41:32.7	414.3	<8.4-12.9>	106	fading	fading	fading	fading	min(16)	rising	rising	rising	rising	rising	MAX(29)	fading	fading	fading
RU AUR	L	X	I	05:40:07.93	+37:38:10.6	466.47	<9.6-14.5>	62	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	rising	rising	rising	MAX(9)	fading
S CAM	L	X	I	05:41:02.48	+68:47:54.9	327.26	<8.1-11.0>	176	min(15)	rising	rising	rising	rising	rising	MAX(3)	fading	fading	fading	fading	min(9)	rising	rising
U AUR	L	X	I	05:42:09.06	+32:02:23.3	408.09	<8.5-14.0>	46	fading	fading	fading	fading	min(28)	rising	rising	rising	rising	MAX(26)	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 COL	L	X	I	05:46:56.3	-31:41:28.3	325.85	<9.3-13.8>	38	fading	fading	min(30)	rising	rising	rising	rising	MAX(31)	fading	fading	fading	fading	fading	min(19)
R COL	L	X	I	05:50:32.98	-29:11:54.8	327.62	<8.9-14.3>	25	min(12)	rising	rising	rising	MAX(24)	fading	fading	fading	fading	fading	fading	min(6)	rising	rising
Z TAU	L	X	I	05:52:24.85	+15:47:43.8	453	<9.8-13.9>	43	fading	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(29)	fading	fading	fading
RU TAU	L	X	I	05:52:36.79	+15:58:14.4	582	<10.4-15.1>	41	fading	fading	fading	min(6)	rising	rising	rising	rising	rising	rising	MAX(19)	fading	fading	fading
U ORI	L	X	I	05:55:49.16	+20:10:30.6	368.3	<6.3-12.0>	590	rising	rising	MAX(22)	fading	fading	fading	fading	fading	fading	min(7)	rising	rising	rising	
V CAM	L	X	I	06:02:32.28	+74:30:27.2	522.45	<9.9-15.4>	24	rising	rising	rising	MAX(19)	fading	fading	fading	fading	fading	fading	fading	fading	fading	fading
X AUR	L	X	I	06:12:13.38	+50:13:40.4	163.79	<8.6-12.7>	191	MAX(28)	fading	fading	min(21)	rising	rising	MAX(11)	fading	fading	min(2)	rising	MAX(22)	fading	fading
V MON	L	X	I	06:22:43.57	-02:11:43.5	340.5	<7.0-13.1>	111	MAX(4)	fading	fading	fading	fading	min(11)	rising	rising	rising	rising	MAX(11)	fading	fading	
V AUR	L	X	I	06:24:02.33	+47:42:23.9	353	<9.2-12.1>	81	min(31)	rising	rising	rising	rising	rising	MAX(7)	fading	fading	fading	fading	fading	min(19)	rising
U LYN	L	X	I	06:40:46.45	+59:52:01.8	433.6	<9.5-14.4>	22	rising	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	fading	fading	min(29)	rising
S LYN	L	X	I	06:44:34.11	+57:54:39.8	296.34	<9.6-14.3>	29	fading	fading	fading	fading	min(2)	rising	rising	rising	MAX(24)	fading	fading	fading	fading	min(23)
X GEM	L	X	I	06:47:07.05	+30:16:34.2	264.16	<8.2-13.2>	82	rising	rising	rising	rising	MAX(3)	fading	fading	fading	min(15)	rising	rising	rising	MAX(22)	fading
Y MON	L	X	I	06:56:52.14	+11:14:32.3	227.9	<9.1-13.9>	49	fading	min(16)	rising	rising	rising	MAX(7)	fading	fading	fading	min(2)	rising	rising	MAX(21)	fading
X MON	L	X	I	06:57:11.81	-09:03:52	155.8	<7.4-9.1>	137	rising	MAX(24)	fading	fading	min(12)	rising	MAX(30)	fading	fading	min(15)	rising	rising	MAX(2)	fading
R LYN	L	X	I	07:01:18	+55:19:49.8	378.75	<7.9-13.8>	54	fading	min(9)	rising	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	fading	min(23)
R VOL	L	X	I	07:05:36.19	-73:00:51.9	453.6	<10.8-13.7>	25	fading	fading	fading	fading	fading	fading	min(19)	rising	rising	rising	rising	rising	rising	MAX(16)
V CMI	L	X	I	07:06:58.84	+08:52:36.8	366.1	<8.7-14.9>	108	MAX(23)	fading	fading	fading	fading	fading	fading	min(8)	rising	rising	rising	rising	MAX(24)	fading
R GEM	L	X	I	07:07:21.27	+22:42:12.7	369.91	<7.1-13.5>	417	MAX(7)	fading	fading	fading	fading	fading	min(31)	rising	rising	rising	rising	rising	MAX(12)	fading
R CMI	L	X	I	07:08:42.6	+10:01:26.5	337.78	<8.0-11.0>	129	fading	fading	min(9)	rising	rising	rising	rising	MAX(14)	fading	fading	fading	fading	fading	min(10)
RR MON	L	X	I	07:17:31.49	+01:05:41.9	394.7	<9.4-15.0>	6	min(6)	rising	rising	rising	rising	MAX(12)	fading	fading	fading	fading	fading	fading	fading	min(4)

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 I	07:23:09.35	+13:06:04.7	274.8	<8.5-14.2>	42	min(30)	rising	rising	rising	MAX(24)	fading	fading	fading	fading	fading	min(1)	rising	rising	MAX(23)
S VOL	L X I	07:29:45.58	-73:22:44	394.8	<8.6-13.6>	21	fading	min(4)	rising	rising	rising	rising	rising	rising	MAX(6)	fading	fading	fading	fading	fading
Z PUP	L X I	07:32:38.05	-20:39:29.3	508.6	<8.1-14.5>	62	rising	rising	rising	rising	rising	MAX(16)	fading	fading	fading	fading	fading	fading	fading	fading
S CMI	L X I	07:32:43.07	+08:19:05.1	332.94	<7.5-12.6>	151	fading	min(27)	rising	rising	rising	rising	rising	MAX(10)	fading	fading	fading	fading	fading	min(26)
T CMI	L X I	07:34:00.47	+11:44:07.1	328.3	<10.5-14.0>	48	rising	rising	MAX(31)	fading	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(23)
U CMI	L X I	07:41:20.03	+08:22:49.1	413.88	<8.8-13.0>	100	rising	MAX(20)	fading	fading	fading	fading	fading	min(21)	rising	rising	rising	rising	rising	rising
S GEM	L X I	07:43:02.56	+23:26:58.2	293.23	<9.0-14.2>	77	fading	min(1)	rising	rising	MAX(30)	fading	fading	fading	fading	fading	min(21)	rising	rising	rising
W PUP	L X I	07:45:57.36	-42:11:44	119.7	<8.4-12.4>	24	min(9)	rising	MAX(13)	fading	min(9)	rising	MAX(10)	fading	min(5)	rising	MAX(7)	fading	min(3)	rising
T GEM	L X I	07:49:18.13	+23:44:03.8	287.79	<8.7-14.0>	127	fading	min(25)	rising	rising	rising	rising	MAX(19)	fading	fading	fading	fading	min(10)	rising	rising
U PUP	L X I	08:00:50.49	-12:50:29.1	318.44	<9.8-14.1>	39	fading	fading	fading	fading	min(23)	rising	rising	rising	MAX(17)	fading	fading	fading	fading	fading
R CNC	L X I	08:16:33.82	+11:43:34.5	361.6	<6.8-11.2>	96	fading	min(4)	rising	rising	rising	rising	MAX(31)	fading	fading	fading	fading	fading	fading	min(1)
V CNC	L X I	08:21:42.85	+17:17:06.7	272.13	<7.9-12.8>	166	fading	fading	fading	fading	min(13)	rising	rising	rising	MAX(14)	fading	fading	fading	fading	min(9)
R CHA	L X I	08:21:46.47	-76:21:18.2	334.58	<8.5-13.6>	26	rising	MAX(12)	fading	fading	fading	fading	fading	min(30)	rising	rising	rising	rising	MAX(13)	fading
U CNC	L X I	08:35:46.28	+18:53:44.6	304.78	<9.9-14.6>	58	fading	fading	fading	min(29)	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	min(28)
X UMA	L X I	08:40:49.49	+50:08:11.7	249.04	<9.7-14.4>	55	min(21)	rising	rising	rising	MAX(8)	fading	fading	fading	min(27)	rising	rising	rising	MAX(12)	fading
S HYA	L X I	08:53:33.95	+03:04:06.4	256.63	<7.8-12.7>	158	MAX(30)	fading	fading	fading	fading	min(5)	rising	rising	rising	MAX(14)	fading	fading	fading	min(16)
T HYA	L X I	08:55:39.83	-09:08:29.2	289.2	<7.8-12.6>	48	rising	rising	rising	MAX(7)	fading	fading	fading	min(27)	rising	rising	rising	rising	MAX(21)	fading
S PYX	L X I	09:05:04.6	-25:05:19.7	206.1	<9.0-13.9>	39	rising	MAX(10)	fading	fading	fading	min(6)	rising	rising	MAX(4)	fading	fading	min(29)	rising	rising
W CNC	L X I	09:09:52.61	+25:14:53.8	393.22	<8.2-14.1>	93	rising	rising	rising	rising	MAX(27)	fading	fading	fading	fading	fading	fading	fading	fading	min(14)
RW CAR	L X I	09:19:36.09	-68:45:28.1	318.62	<9.3-15.0>	16	min(25)	rising	rising	rising	rising	MAX(13)	fading	fading	fading	fading	fading	fading	min(9)	rising
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 I	09:29:01.42	-52:10:54	449.9	<9.5-13.8>	9	rising	rising	rising	rising	rising	MAX(14)	fading	fading	fading	fading	fading	fading	fading	fading
R CAR	L X I	09:32:14.59	-62:47:20	308.71	<4.6-9.6>	160	rising	rising	rising	rising	MAX(18)	fading	fading	fading	fading	fading	min(31)	rising	rising	rising
X HYA	L X I	09:35:30.25	-14:41:28.6	301.1	<8.4-12.8>	46	rising	rising	rising	MAX(30)	fading	fading	fading	fading	fading	min(4)	rising	rising	rising	MAX(25)
Y DRA	L X I	09:42:22.58	+77:51:06.5	325.79	<9.2-14.5>	86	fading	fading	fading	fading	min(20)	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading
RR HYA	L X I	09:44:58.96	-24:01:15.7	343.49	<9.3-14.4>	35	fading	fading	fading	min(26)	rising	rising	rising	rising	rising	MAX(9)	fading	fading	fading	fading
R LMI	L X I	09:45:34.27	+34:30:42.8	372.19	<7.1-12.6>	206	rising	rising	MAX(13)	fading	fading	fading	fading	fading	fading	min(9)	rising	rising	rising	rising
R LEO	L X I	09:47:33.48	+11:25:43.7	309.95	<5.8-10.0>	1238	rising	MAX(8)	fading	fading	fading	fading	fading	min(1)	rising	rising	rising	MAX(15)	fading	fading
Z VEL	L X I	09:52:54.28	-54:10:47.8	411.4	<9.0-14.3>	19	rising	rising	MAX(9)	fading	fading	fading	fading	fading	fading	fading	min(6)	rising	rising	rising
S LMI	L X I	09:53:43.16	+34:55:35.3	233.83	<8.6-13.9>	82	fading	fading	fading	min(29)	rising	rising	MAX(25)	fading	fading	fading	fading	fading	min(19)	rising
U LMI	L X I	09:54:38.63	+36:05:23.8	272.2	<10.8-12.7>	78	fading	fading	fading	fading	fading	fading	fading	fading	min(7)	rising	rising	rising	rising	rising
RV CAR	L X I	09:58:20.86	-63:53:51.6	365.68	<11.3-16.2>	22	fading	fading	fading	fading	fading	fading	min(15)	rising	rising	rising	rising	MAX(4)	fading	fading
V LEO	L X I	10:00:01.91	+21:15:44.3	273.35	<9.1-13.7>	88	rising	rising	MAX(19)	fading	fading	fading	fading	min(16)	rising	rising	rising	MAX(18)	fading	fading
S CAR	L X I	10:09:21.89	-61:32:56.3	149.49	<5.7-8.5>	191	rising	MAX(10)	fading	min(29)	rising	rising	MAX(9)	fading	min(26)	rising	rising	MAX(6)	fading	min(22)
Z CAR	L X I	10:13:54.61	-58:51:08.4	384.01	<10.7-15.2>	21	rising	rising	MAX(7)	fading	fading	fading	fading	fading	fading	min(17)	rising	rising	rising	rising
W VEL	L X I	10:15:14.83	-54:28:41.9	394.72	<8.8-13.6>	18	rising	rising	rising	MAX(25)	fading	fading	fading	fading	fading	fading	fading	min(1)	rising	rising
S SEX	L X I	10:34:56.04	-00:20:33.5	264.9	<9.1-13.4>	50	rising	rising	rising	rising	MAX(10)	fading	fading	fading	min(8)	rising	rising	rising	MAX(30)	fading
RZ CAR	L X I	10:35:37.25	-70:43:00.1	272.77	<10.0-15.4>	21	fading	fading	min(5)	rising	rising	MAX(28)	fading	fading	fading	fading	fading	fading	min(3)	rising
R UMA	L X I	10:44:38.46	+68:46:32.7	301.62	<7.5-13.0>	543	min(13)	rising	rising	rising	MAX(13)	fading	fading	fading	fading	fading	min(11)	rising	rising	rising
RS HYA	L X I	10:51:19.05	-28:37:41.3	338.6	<10.0-14.1>	30	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	MAX(25)	fading	fading	fading	fading
W LEO	L X I	10:53:37.44	+13:42:54.2	391.75	<9.8-14.2>	77	rising	rising	rising	MAX(15)	fading	fading	fading	fading	fading	fading	fading	min(20)	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 LEO	L	X	I	11:10:50.76	+05:27:34.8	190.16	<10.1-13.9>	27	fading	fading	fading	min(12)	rising	rising	MAX(4)	fading	fading	min(19)	rising	rising	MAX(10)	fading	
RY CAR	L	X	I	11:20:11.38	-61:52:16.8	424.3	<11.0-14.0>	11	rising	rising	rising	rising	rising	rising	MAX(3)	fading	fading	fading	fading	fading	fading	fading	min(15)
RS CEN	L	X	I	11:20:27.9	-61:52:36.8	164.3	<8.6-13.4>	32	fading	min(26)	rising	rising	MAX(16)	fading	fading	min(10)	rising	MAX(28)	fading	fading	min(21)	rising	
X CEN	L	X	I	11:49:11.79	-41:45:27.2	315.2	<8.0-13.4>	27	fading	fading	fading	fading	fading	min(16)	rising	rising	rising	MAX(26)	fading	fading	fading	fading	
W CEN	L	X	I	11:55:01.33	-59:15:13.4	201.6	<8.5-13.2>	47	fading	fading	min(27)	rising	rising	MAX(29)	fading	fading	fading	min(14)	rising	rising	MAX(16)	fading	
R COM	L	X	I	12:04:15.19	+18:46:56.7	362.82	<8.5-14.2>	40	fading	fading	min(29)	rising	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading	fading	fading
SU VIR	L	X	I	12:05:14.79	+12:21:38	208.6	<9.4-13.6>	41	fading	fading	fading	min(4)	rising	rising	MAX(10)	fading	fading	min(29)	rising	rising	rising	rising	MAX(3)
T VIR	L	X	I	12:14:36.67	-06:02:08.7	339.47	<9.6-14.2>	19	fading	fading	fading	min(11)	rising	rising	rising	MAX(11)	fading	fading	fading	fading	fading	fading	fading
R CRV	L	X	I	12:19:37.86	-19:15:21.8	317.03	<7.5-13.8>	100	min(23)	rising	rising	rising	rising	MAX(10)	fading	fading	fading	fading	fading	min(6)	rising	rising	
SS VIR	L	X	I	12:25:14.4	+00:46:10.9	364.14	<6.8-8.9>	176	rising	rising	rising	rising	rising	MAX(2)	fading	fading	fading	fading	min(20)	rising	rising	rising	rising
T CVN	L	X	I	12:30:12.4	+31:30:11.9	290.09	<9.6-11.9>	72	fading	min(21)	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	min(8)	rising	rising	rising
U CEN	L	X	I	12:33:30.75	-54:39:33.8	220.28	<8.2-13.4>	41	fading	min(22)	rising	rising	rising	MAX(7)	fading	fading	fading	min(1)	rising	rising	MAX(14)	fading	
Y VIR	L	X	I	12:33:52.99	-04:25:19.5	218.43	<9.4-13.6>	45	fading	fading	min(8)	rising	rising	MAX(15)	fading	fading	fading	min(13)	rising	rising	MAX(20)	fading	
T UMA	L	X	I	12:36:23.46	+59:29:12.9	256.6	<7.7-12.9>	613	rising	rising	rising	MAX(1)	fading	fading	fading	min(17)	rising	rising	rising	MAX(13)	fading	fading	fading
R VIR	L	X	I	12:38:29.94	+06:59:18.9	145.63	<6.9-11.5>	310	rising	MAX(27)	fading	fading	min(19)	rising	MAX(23)	fading	fading	min(11)	rising	MAX(15)	fading	fading	fading
RS UMA	L	X	I	12:38:57.54	+58:29:00.2	258.97	<9.0-14.3>	298	min(22)	rising	rising	rising	MAX(13)	fading	fading	fading	fading	min(8)	rising	rising	MAX(27)	fading	
S UMA	L	X	I	12:43:56.67	+61:05:35.4	225.87	<7.8-11.7>	881	min(2)	rising	rising	MAX(9)	fading	fading	fading	min(16)	rising	rising	MAX(21)	fading	fading	fading	fading
RU VIR	L	X	I	12:47:18.4	+04:08:41.3	433.2	<10.0-13.3>	57	fading	fading	min(13)	rising	rising	rising	rising	rising	rising	MAX(6)	fading	fading	fading	fading	fading
U VIR	L	X	I	12:51:05.74	+05:33:11.5	206.64	<8.2-13.1>	75	MAX(11)	fading	fading	min(30)	rising	rising	rising	MAX(6)	fading	fading	min(22)	rising	rising	MAX(28)	MAX(28)
RV VIR	L	X	I	13:07:55.39	-13:09:58.8	265.87	<10.8-14.9>	9	fading	min(11)	rising	rising	MAX(31)	fading	fading	fading	fading	fading	min(4)	rising	rising	MAX(21)	MAX(21)
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	I	13:19:27.77	+45:31:37.7	191.89	<6.8-8.8>	755	min(23)	rising	rising	rising	MAX(7)	fading	fading	min(3)	rising	rising	MAX(15)	fading	fading	min(11)	min(11)
U OCT	L	X	I	13:24:32.62	-84:13:30.9	308.44	<7.9-13.6>	25	min(4)	rising	rising	rising	rising	MAX(3)	fading	fading	fading	fading	min(9)	rising	rising	rising	rising
V VIR	L	X	I	13:27:48.13	-03:10:22.8	250.08	<8.9-14.3>	31	rising	rising	MAX(17)	fading	fading	fading	fading	min(5)	rising	rising	MAX(22)	fading	fading	fading	fading
R HYA	L	X	I	13:29:42.77	-23:16:52.7	375	<4.5-9.5>	144	fading	fading	fading	fading	fading	min(13)	rising	rising	rising	rising	rising	MAX(5)	fading	fading	fading
S VIR	L	X	I	13:33:00.11	-07:11:40.9	375.1	<7.0-12.7>	126	rising	MAX(25)	fading	fading	fading	fading	fading	min(14)	rising	rising	rising	rising	rising	rising	rising
RV CEN	L	X	I	13:37:36.04	-56:28:35	446	<7.7-10.3>	86	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	rising	rising	rising	MAX(23)	fading	fading
T CEN	L	X	I	13:41:45.55	-33:35:50.6	90.6	<5.5-9.0>	195	rising	MAX(10)	min(28)	rising	MAX(12)	min(26)	rising	MAX(10)	min(25)	rising	MAX(9)	min(24)	rising	MAX(7)	MAX(7)
RT CEN	L	X	I	13:48:20.95	-36:51:45.2	255	<9.0-12.7>	32	rising	rising	MAX(30)	fading	fading	fading	fading	min(4)	rising	rising	rising	MAX(10)	fading	fading	fading
R CVN	L	X	I	13:48:57.05	+39:32:33.2	328.53	<7.7-11.9>	355	rising	rising	rising	MAX(24)	fading	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	rising
RX CEN	L	X	I	13:51:25.44	-36:56:37.7	327.9	<9.4>-15.0	31	fading	fading	fading	min(29)	rising	rising	rising	MAX(27)	fading	fading	fading	fading	fading	fading	fading
T APS	L	X	I	13:55:51.18	-77:48:08.3	261.03	<9.1-14.7>	20	fading	fading	fading	fading	min(5)	rising	rising	MAX(9)	fading	fading	fading	fading	min(21)	rising	rising
RR VIR	L	X	I	14:04:53.43	-09:11:41.2	217.52	<11.6-15.5>	15	fading	fading	min(3)	rising	rising	MAX(12)	fading	fading	fading	min(6)	rising	rising	MAX(15)	fading	fading
Z BOO	L	X	I	14:06:29.54	+13:29:05.7	281.14	<9.3-14.8>	50	fading	fading	fading	min(28)	rising	rising	rising	MAX(18)	fading	fading	fading	fading	fading	fading	min(3)
Z VIR	L	X	I	14:10:21.4	-13:18:14.6	305.71	<10.4-14.9>	22	rising	rising	rising	MAX(7)	fading	fading	fading	fading	min(3)	rising	rising	rising	rising	MAX(6)	MAX(6)
RU HYA	L	X	I	14:11:34.39	-28:53:07.4	331.5	<8.4-14.0>	35	rising	rising	rising	MAX(8)	fading	fading	fading	fading	fading	fading	min(19)	rising	rising	rising	rising
U UMI	L	X	I	14:17:19.9	+66:47:39.1	330.92	<8.2-12.0>	336	rising	rising	rising	rising	MAX(4)	fading	fading	fading	fading	min(15)	rising	rising	rising	rising	rising
R CAM	L	X	I	14:17:51.03	+83:49:53.7	270.22	<8.3-13.2>	364	rising	rising	rising	MAX(12)	fading	fading	fading	fading	min(9)	rising	rising	rising	MAX(7)	fading	fading
S BOO	L	X	I	14:22:52.91	+53:48:37.2	270.73	<8.4-13.3>	261	rising	MAX(23)	fading	fading	fading	fading	min(20)	rising	rising	rising	MAX(21)	fading	fading	fading	fading
RS VIR	L	X	I	14:27:16.38	+04:40:41	353.95	<8.1-13.9>	67	rising	rising	MAX(8)	fading	fading	fading	fading	fading	fading	min(11)	rising	rising	rising	MAX(25)	MAX(25)
R BOO	L	X	I	14:37:11.57	+26:44:11.6	223.4	<7.2-12.3>	480	rising	rising	rising	MAX(1)	fading	fading	min(24)	rising	rising	rising	MAX(11)	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			
V LIB	L	X	I	14:40:22.18	-17:39:27.1	255.3	<9.7-14.7>	37	rising	rising	MAX(8)	fading	fading	fading	fading	min(13)	rising	rising	MAX(19)	fading	fading	fading	fading

S LUP	L	X	I	14:53:26.4	-46:36:56.8	339	<8.6-13.0>	31	fading	min(13)	rising	rising	rising	rising	rising	MAX(11)	fading	fading	fading	fading	min(18)	rising	
U BOO	L	X	I	14:54:19.96	+17:41:43.6	201.3	9.9-12.8	138	rising	rising	MAX(14)	fading	fading	min(21)	rising	rising	rising	MAX(2)	fading	fading	min(9)	rising	
Y LUP	L	X	I	14:59:36.8	-54:57:56.8	396.82	<9.8-15.1>	18	rising	rising	rising	MAX(26)	fading	fading	fading	fading	fading	fading	fading	min(23)	rising	rising	
RT LIB	L	X	I	15:06:26.23	-18:43:56.3	265	<9.0-14.3>	44	MAX(15)	fading	fading	fading	fading	min(1)	rising	rising	rising	MAX(7)	fading	fading	fading	min(21)	
T LIB	L	X	I	15:10:44.35	-20:01:08.6	237.5	<10.9-15.2>	31	rising	MAX(2)	fading	fading	fading	min(21)	rising	rising	MAX(28)	fading	fading	fading	fading	min(13)	
Y LIB	L	X	I	15:11:41.3	-06:00:41.3	275.7	<8.6-14.1>	23	fading	fading	min(22)	rising	rising	rising	MAX(14)	fading	fading	fading	fading	min(22)	rising	rising	
S CRB	L	X	I	15:21:23.95	+31:22:02.6	360.26	<7.3-12.9>	581	fading	fading	fading	min(23)	rising	rising	rising	MAX(27)	fading	fading	fading	fading	fading	fading	
S LIB	L	X	I	15:21:23.98	-20:23:18.3	192.9	<8.4-12.0>	37	min(19)	rising	rising	MAX(25)	fading	fading	min(31)	rising	rising	rising	MAX(4)	fading	fading	min(9)	
S SER	L	X	I	15:21:39.53	+14:18:53.1	371.84	<8.7-13.5>	113	fading	fading	fading	min(10)	rising	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading	
RS LIB	L	X	I	15:24:19.78	-22:54:39.8	217.65	<7.5-12.0>	48	rising	MAX(14)	fading	fading	fading	min(9)	rising	rising	MAX(20)	fading	fading	fading	fading	min(12)	rising
S UMI	L	X	I	15:29:34.56	+78:38:00.3	331	<8.4-12.0>	485	fading	fading	fading	fading	fading	min(21)	rising	rising	rising	rising	MAX(25)	fading	fading	fading	
RU LIB	L	X	I	15:33:16.5	-15:19:35	316.56	<8.1-14.0>	52	rising	rising	rising	MAX(25)	fading	fading	fading	fading	fading	fading	min(14)	rising	rising	rising	rising
X LIB	L	X	I	15:36:12.66	-21:09:03.8	164.38	<11.0-13.5>	31	fading	min(6)	rising	MAX(9)	fading	fading	min(20)	rising	MAX(21)	fading	fading	fading	min(1)	rising	
W LIB	L	X	I	15:37:47.94	-16:09:57.3	205.5	<11.1-15.0>	18	MAX(20)	fading	fading	fading	min(16)	rising	rising	MAX(14)	fading	fading	fading	min(7)	rising	rising	
U LIB	L	X	I	15:42:03.14	-21:10:50.6	226.59	<9.6-14.4>	25	min(19)	rising	rising	MAX(27)	fading	fading	fading	fading	min(2)	rising	rising	MAX(9)	fading	fading	
T NOR	L	X	I	15:44:03.83	-54:59:12.5	240.7	<7.4-13.2>	12	fading	fading	fading	fading	min(16)	rising	rising	MAX(25)	fading	fading	fading	fading	min(11)	rising	
X CRB	L	X	I	15:48:53.52	+36:14:52.5	241.17	<9.1-13.6>	145	fading	fading	min(6)	rising	rising	MAX(22)	fading	fading	fading	fading	min(2)	rising	rising	MAX(18)	
V CRB	L	X	I	15:49:31.31	+39:34:17.9	357.63	<7.5-11.0>	250	fading	fading	fading	fading	fading	min(24)	rising	rising	rising	rising	MAX(13)	fading	fading	fading	
R SER	L	X	I	15:50:41.73	+15:08:01.1	356.41	<6.9-13.4>	353	fading	fading	min(21)	rising	rising	rising	rising	MAX(14)	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			
R LUP	L	X	I	15:53:28.93	-36:17:52.1	235.62	<10.1-14.1>	11	rising	MAX(3)	fading	fading	fading	min(7)	rising	rising	MAX(27)	fading	fading	fading	min(28)	rising	
R LIB	L	X	I	15:53:36.03	-16:14:11.3	241.85	<10.3-14.8>	22	fading	fading	min(11)	rising	rising	MAX(14)	fading	fading	fading	fading	min(8)	rising	rising	MAX(11)	
Z CRB	L	X	I	15:56:08.35	+29:14:17.9	250.68	<10.0-14.6>	125	rising	MAX(6)	fading	fading	fading	min(27)	rising	rising	rising	MAX(15)	fading	fading	fading	fading	
RR LIB	L	X	I	15:56:23.7	-18:18:14.9	277.01	<8.6-14.2>	47	MAX(26)	fading	fading	fading	fading	min(20)	rising	rising	rising	MAX(30)	fading	fading	fading	fading	
RZ SCO	L	X	I	16:04:36.13	-24:06:00.6	156.6	<8.8-12.2>	86	fading	min(9)	rising	MAX(16)	fading	fading	min(15)	rising	MAX(20)	fading	fading	min(19)	rising	MAX(23)	
Z SCO	L	X	I	16:06:00.7	-21:43:59.5	353	<9.2-13.4>	74	fading	fading	min(21)	rising	rising	rising	rising	rising	MAX(12)	fading	fading	fading	fading	fading	
R HER	L	X	I	16:06:11.7	+18:22:13.2	318.14	<8.8-14.6>	109	fading	fading	fading	min(12)	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	min(24)	
U SER	L	X	I	16:07:17.65	+09:55:52.5	237.5	<8.5-13.4>	149	MAX(16)	fading	fading	fading	min(21)	rising	rising	rising	MAX(11)	fading	fading	fading	min(13)	rising	
X SCO	L	X	I	16:08:31.91	-21:31:50.3	199.86	<11.0-14.3>	46	fading	fading	min(3)	rising	MAX(31)	fading	fading	fading	min(19)	rising	rising	MAX(17)	fading	fading	
RU HER	L	X	I	16:10:14.52	+25:04:14.4	484.83	<8.0-13.7>	304	fading	fading	fading	min(5)	rising	rising	rising	rising	rising	MAX(5)	fading	fading	fading		
W SCO	L	X	I	16:11:45.78	-20:08:13.4	221.27	<11.5-14.6>	45	rising	rising	rising	MAX(15)	fading	fading	fading	min(8)	rising	rising	MAX(23)	fading	fading	fading	
W CRB	L	X	I	16:15:24.54	+37:47:44.1	238.4	<8.5-13.5>	145	rising	rising	rising	MAX(7)	fading	fading	fading	min(21)	rising	rising	rising	MAX(2)	fading	fading	
R SCO	L	X	I	16:17:39.06	-22:56:40.4	224.61	<10.4-15.0>	53	MAX(14)	fading	fading	fading	min(13)	rising	rising	MAX(27)	fading	fading	fading	min(23)	rising	rising	
S SCO	L	X	I	16:17:40.2	-22:53:35.8	177.92	<10.5-14.6>	46	rising	rising	MAX(13)	fading	fading	min(12)	rising	rising	MAX(7)	fading	fading	fading	min(7)	rising	rising
W OPH	L	X	I	16:21:24.46	-07:42:00.2	332.68	<9.9-14.5>	26	fading	fading	fading	fading	fading	min(18)	rising	rising	rising	MAX(21)	fading	fading	fading		
U HER	L	X	I	16:25:47.47	+18:53:32.8	406.1	<7.5-12.5>	249	rising	MAX(10)	fading	fading	fading	fading	fading	fading	fading	min(4)	rising	rising	rising	rising	
V OPH	L	X	I	16:26:43.7	-12:25:35.7	297.21	<7.5-10.2>	98	rising	rising	MAX(23)	fading	fading	fading	fading	min(27)	rising	rising	rising	rising	MAX(14)	fading	
Y SCO	L	X	I	16:29:26.42	-19:20:50.7	351.88	<11.3-15.0>	25	MAX(21)	fading	fading	fading	fading	fading	min(7)	rising	rising	rising	rising	MAX(8)	fading		
R UMI	L	X	I	16:29:57.9	+72:16:49.1	325.7	<9.1-10.4>	272	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading	min(1)	rising	rising	rising	rising	
R DRA	L	X	I	16:32:40.22	+66:45:17.8	245.6	<7.6-12.4>	461	rising	rising	MAX(28)	fading	fading	fading	fading	min(14)	rising	rising	MAX(28)	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			
SS HER	L	X	I	16:32:55.54	+06:51:29.6	107.36	<9.2-12.4>	126	rising	MAX(2)	min(29)	rising	MAX(20)	fading	min(15)	rising	MAX(5)	min(30)	rising	MAX(21)	fading	min(14)	
T OPH	L	X	I	16:33:43.54	-16:07:54.3	366.82	<9.8-14.0>	50	fading	fading	min(22)	rising	rising	rising	MAX(23)	fading	fading	fading	fading	fading	fading	fading	

S OPH	L	X	I	16:34:15.22	-17:09:39.2	233.51	<9.5-14.5>	45	MAX(5)	fading	fading	fading	min(18)	rising	rising	MAX(27)	fading	fading	fading	fading	min(6)	rising	
W HER	L	X	I	16:35:12.31	+37:20:43	280.03	<8.3-13.5>	255	fading	fading	fading	min(7)	rising	rising	rising	MAX(12)	fading	fading	fading	fading	min(12)	rising	
RR OPH	L	X	I	16:49:02.46	-19:27:52.3	292.03	<8.9-14.6>	44	fading	fading	min(15)	rising	rising	rising	MAX(26)	fading	fading	fading	fading	fading	min(1)	rising	
S HER	L	X	I	16:51:53.92	+14:56:30.6	307.28	<7.6-12.6>	262	rising	rising	MAX(22)	fading	fading	fading	fading	min(29)	rising	rising	rising	rising	MAX(24)	fading	
RS SCO	L	X	I	16:55:37.81	-45:06:10.8	319.91	<7.0-12.2>	84	fading	fading	min(30)	rising	rising	rising	MAX(28)	fading	fading	fading	fading	fading	fading	min(13)	
RR SCO	L	X	I	16:56:37.84	-30:34:48.2	281.45	<5.9-11.8>	117	MAX(25)	fading	fading	fading	fading	min(12)	rising	rising	rising	rising	MAX(3)	fading	fading	fading	
SS OPH	L	X	I	16:57:50.98	-02:45:42.4	180.64	<8.7-13.5>	54	min(16)	rising	rising	MAX(13)	fading	fading	min(15)	rising	rising	MAX(10)	fading	fading	min(12)	rising	
RV HER	L	X	I	17:00:33.24	+31:13:24	205.23	<10.1-14.8>	79	fading	fading	fading	min(21)	rising	rising	MAX(22)	fading	fading	fading	min(12)	rising	rising	MAX(12)	
RT SCO	L	X	I	17:03:32.56	-36:55:13.6	449.04	<8.2>-14.6	15	fading	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	rising	MAX(17)	fading	fading	
R OPH	L	X	I	17:07:45.82	-16:05:34.1	306.5	<7.6-13.3>	82	fading	min(13)	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading	min(17)	rising	rising	
RT HER	L	X	I	17:10:48.01	+27:03:59.1	298.08	<9.4-15.0>	53	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	min(22)	rising	rising	rising	MAX(21)	
RW SCO	L	X	I	17:14:51.67	-33:25:54.5	388.45	<9.6>-15.0	17	fading	fading	fading	fading	fading	fading	min(4)	rising	rising	rising	MAX(28)	fading	fading	fading	
Z OPH	L	X	I	17:19:32.11	+01:30:54.2	348.7	<8.1-12.7>	153	fading	fading	fading	fading	fading	min(10)	rising	rising	rising	rising	MAX(3)	fading	fading	fading	
RS HER	L	X	I	17:21:42.35	+22:55:15.9	219.7	<7.9-12.5>	320	rising	MAX(9)	fading	fading	fading	min(1)	rising	rising	MAX(17)	fading	fading	fading	fading	min(6)	rising
RU OPH	L	X	I	17:32:52.63	+09:25:24.8	202.29	<9.3-13.8>	41	rising	rising	MAX(28)	fading	fading	fading	min(10)	rising	rising	MAX(17)	fading	fading	min(28)	rising	
RU SCO	L	X	I	17:42:25.21	-43:45:01.2	370.75	<9.0-13.0>	15	MAX(22)	fading	fading	fading	fading	fading	min(15)	rising	rising	rising	rising	rising	MAX(28)	fading	
SV SCO	L	X	I	17:48:19.99	-35:42:04.7	262	<9.8-14.8>	26	fading	fading	min(10)	rising	rising	rising	MAX(20)	fading	fading	fading	min(27)	rising	rising	rising	
W PAV	L	X	I	17:50:26.94	-62:24:33	283.35	<9.0-14.1>	17	fading	fading	fading	min(18)	rising	rising	rising	MAX(14)	fading	fading	fading	fading	min(27)	rising	
NAME	LINKS	R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB			
U ARA	L	X	I	17:53:37.61	-51:41:14.3	225.21	<8.4-13.6>	25	fading	fading	min(20)	rising	rising	rising	MAX(5)	fading	fading	min(31)	rising	rising	rising	MAX(16)	
T DRA	L	X	I	17:56:23.31	+58:13:06.2	421.62	<9.6-12.3>	82	fading	fading	fading	fading	fading	min(19)	rising	rising	rising	rising	rising	MAX(12)	fading	fading	
RT OPH	L	X	I	17:56:32.04	+11:10:10	426.34	<9.6-15.1>	20	MAX(19)	fading	fading	fading	fading	fading	fading	min(14)	rising	rising	rising	rising	rising	rising	
V DRA	L	X	I	17:58:14.52	+54:52:18	278.33	<9.9-14.2>	43	min(20)	rising	rising	rising	rising	MAX(15)	fading	fading	fading	min(26)	rising	rising	rising	rising	
RY HER	L	X	I	17:59:44.77	+19:28:53.6	221.47	<9.0-13.8>	60	fading	fading	fading	min(4)	rising	rising	MAX(12)	fading	fading	fading	min(12)	rising	rising	MAX(19)	
W DRA	L	X	I	18:05:34.66	+65:57:21.8	278.6	<9.6-14.4>	115	fading	fading	fading	fading	min(13)	rising	rising	rising	rising	MAX(5)	fading	fading	fading	min(15)	
X DRA	L	X	I	18:06:52.22	+66:09:19.5	257.33	<11.0-14.7>	47	MAX(6)	fading	fading	fading	min(29)	rising	rising	rising	MAX(20)	fading	fading	fading	fading	min(11)	
S OCT	L	X	I	18:08:44.49	-86:47:55.6	259	<8.4-13.5>	4	fading	fading	fading	min(21)	rising	rising	rising	MAX(13)	fading	fading	fading	fading	min(5)	rising	
T HER	L	X	I	18:09:06.2	+31:01:16.2	164.98	<8.0-12.8>	401	rising	MAX(5)	fading	min(29)	rising	rising	MAX(20)	fading	fading	min(11)	rising	rising	MAX(1)	fading	
R PAV	L	X	I	18:12:52.96	-63:36:57.3	229.46	<8.5-13.0>	42	rising	rising	MAX(21)	fading	fading	fading	min(20)	rising	rising	rising	MAX(6)	fading	fading	fading	
TV HER	L	X	I	18:14:40.55	+31:49:09.5	304.28	<9.7-14.5>	83	fading	fading	fading	min(10)	rising	rising	MAX(29)	fading	fading	fading	fading	fading	fading	min(9)	
W LYR	L	X	I	18:14:55.87	+36:40:13.1	197.88	<7.9-12.2>	425	MAX(6)	fading	fading	min(19)	rising	rising	MAX(23)	fading	fading	fading	min(3)	rising	rising	MAX(6)	
RY OPH	L	X	I	18:16:36.94	+03:41:35.3	150.41	<8.2-13.2>	113	MAX(30)	fading	fading	min(21)	rising	MAX(30)	fading	fading	min(19)	rising	MAX(27)	fading	fading	min(16)	
SV HER	L	X	I	18:26:23.08	+25:01:33	238.99	<9.8-14.4>	56	rising	MAX(24)	fading	fading	fading	min(7)	rising	rising	MAX(21)	fading	fading	fading	fading	fading	
RV SGR	L	X	I	18:27:56.08	-33:19:29.3	315.85	<7.8-14.1>	28	rising	rising	MAX(19)	fading	fading	fading	fading	min(4)	rising	rising	rising	MAX(29)	fading	fading	
T SER	L	X	I	18:28:48.73	+06:17:52.6	338.12	<9.7-15.0>	25	rising	rising	rising	MAX(28)	fading	fading	fading	min(19)	rising	rising	rising	rising	rising	rising	
SV DRA	L	X	I	18:33:38.41	+49:22:19.8	256.24	<9.7-14.3>	53	fading	fading	fading	min(30)	rising	rising	rising	MAX(9)	fading	fading	fading	min(11)	rising	rising	
RZ HER	L	X	I	18:36:47.01	+26:02:57.3	329.05	<9.5-14.9>	29	MAX(15)	fading	fading	fading	fading	min(9)	rising	rising	rising	rising	MAX(10)	fading	fading	fading	
X OPH	L	X	I	18:38:21.13	+08:50:02.7	328.85	<6.8-8.8>	549	fading	fading	min(2)	rising	rising	rising	rising	MAX(30)	fading	fading	fading	fading	min(25)	rising	
RY LYR	L	X	I	18:44:52.1	+34:40:33.3	325.79	<9.8-14.7>	71	min(11)	rising	rising	rising	MAX(24)	fading	fading	fading	fading	fading	fading	min(3)	rising	rising	
NAME	LINKS	R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB			
RW LYR	L	X	I	18:45:10.11	+43:38:07.5	503.75	<11.3-15.6>	48	fading	fading	min(11)	rising	rising	rising	rising	MAX(25)	fading	fading	fading	fading	fading	fading	
RX LYR	L	X	I	18:54:10.01	+32:49:51.2	247.82	<11.9-(15.5)>	47	fading	fading	fading	fading	min(25)	rising	rising	rising	MAX(3)	fading	fading	fading	min(28)	rising	
Z LYR	L	X	I	18:59:36.79	+34:57:16.3	291.7	<10.1-14.8>	53	fading	min(4)	rising	rising	rising	MAX(29)	fading	fading	fading	fading	min(22)	rising	rising	rising	

RT LYR	L	X	I	19:01:14.88	+37:31:19.9	253.7	<10.1-14.6>	44	fading	fading	fading	min(25)	rising	rising	rising	MAX(16)	fading	fading	fading	fading	min(3)	rising
ST SGR	L	X	I	19:01:29.22	-12:45:33.9	395.12	<9.0-15.2>	34	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	rising	MAX(9)	fading	fading	fading
R AQL	L	X	I	19:06:22.24	+08:13:48	280	<6.1-11.5>	530	min(18)	rising	rising	rising	MAX(31)	fading	fading	fading	fading	min(25)	rising	rising	rising	rising
V LYR	L	X	I	19:09:04.54	+29:39:29.6	373.53	<9.7-14.8>	64	fading	fading	min(10)	rising	rising	rising	MAX(19)	fading	fading	fading	fading	fading	fading	fading
U DRA	L	X	I	19:10:00.64	+67:16:36.5	316.13	<9.5-13.8>	76	fading	fading	min(30)	rising	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading	min(9)
RU LYR	L	X	I	19:12:21.24	+41:18:13.5	371.84	<10.6-15.1>	23	fading	fading	fading	min(25)	rising	rising	rising	rising	rising	MAX(11)	fading	fading	fading	fading
RS LYR	L	X	I	19:13:01.32	+33:24:49.1	301.41	<10.2-15.0>	21	fading	fading	fading	min(10)	rising	rising	rising	rising	MAX(9)	fading	fading	fading	fading	min(6)
S LYR	L	X	I	19:13:11.8	+26:00:28.2	438.4	<10.8-15.2>	28	min(4)	rising	rising	rising	rising	rising	MAX(12)	fading	fading	fading	fading	fading	fading	fading
RX SGR	L	X	I	19:14:32.64	-18:48:42.9	335.23	<9.7-13.8>	56	min(11)	rising	rising	rising	rising	MAX(11)	fading	fading	fading	fading	fading	fading	min(12)	rising
W AQL	L	X	I	19:15:23.38	-07:02:50.3	490.43	<8.3-14.0>	53	fading	fading	min(22)	rising	rising	rising	rising	rising	MAX(21)	fading	fading	fading	fading	fading
T SGR	L	X	I	19:16:14.44	-16:58:17.1	394.66	<8.0-12.6>	104	fading	fading	fading	fading	min(21)	rising	rising	rising	rising	rising	MAX(23)	fading	fading	fading
R SGR	L	X	I	19:16:41.8	-19:18:27.6	269.84	<7.3-12.5>	72	fading	fading	min(31)	rising	rising	rising	rising	MAX(1)	fading	fading	fading	min(26)	rising	rising
TY SGR	L	X	I	19:17:42.82	-23:56:24.6	325.41	<9.8-15.0>	36	rising	rising	MAX(4)	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	MAX(24)	fading
S SGR	L	X	I	19:19:25.91	-19:01:24.4	230.64	<10.2-14.8>	60	rising	rising	rising	MAX(19)	fading	fading	fading	min(10)	rising	rising	rising	MAX(5)	fading	fading
Z SGR	L	X	I	19:19:43.21	-20:55:34.7	450.41	<8.6-16.0>	43	rising	rising	rising	rising	rising	rising	MAX(14)	fading	fading	fading	fading	fading	fading	fading
SW SGR	L	X	I	19:19:52.45	-31:42:53.8	289.9	<10.0-13.4>	27	min(17)	rising	rising	rising	rising	MAX(16)	fading	fading	fading	fading	min(3)	rising	rising	rising
U LYR	L	X	I	19:20:09.15	+37:52:36	451.72	<9.5-12.0>	131	fading	min(14)	rising	rising	rising	rising	rising	rising	rising	MAX(25)	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		
TY CYG	L	X	I	19:33:51.89	+28:19:43.7	349	<9.5-14.6>	56	rising	rising	MAX(30)	fading	fading	fading	fading	min(14)	rising	rising	rising	rising	rising	rising
R CYG	L	X	I	19:36:49.38	+50:11:59.4	426.45	<7.5-13.9>	585	fading	fading	min(21)	rising	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	fading
RT AQL	L	X	I	19:38:01.6	+11:43:18.1	327.11	<8.4-14.0>	83	rising	rising	rising	MAX(16)	fading	fading	fading	fading	min(22)	rising	rising	rising	rising	rising
RV AQL	L	X	I	19:40:43.06	+09:55:51.4	218.6	<9.0-14.2>	51	rising	rising	MAX(30)	fading	fading	fading	min(23)	rising	rising	rising	MAX(3)	fading	fading	min(27)
RT CYG	L	X	I	19:43:37.77	+48:46:41.3	190.28	<7.3-11.8>	526	rising	rising	MAX(19)	fading	fading	fading	min(9)	rising	MAX(26)	fading	fading	fading	min(16)	rising
TU CYG	L	X	I	19:46:10.66	+49:04:24.4	219.44	<9.4-14.2>	141	min(5)	rising	rising	MAX(23)	fading	fading	fading	min(12)	rising	rising	MAX(29)	fading	fading	fading
KHI CYG	L	X	I	19:50:33.91	+32:54:50.6	408.05	<5.2-13.4>	884	rising	rising	rising	rising	MAX(23)	fading	fading	fading	fading	fading	fading	fading	min(6)	rising
T PAV	L	X	I	19:50:43.48	-71:46:17.2	243.62	<8.0-13.8>	27	fading	fading	min(21)	rising	rising	MAX(30)	fading	fading	fading	fading	min(19)	rising	rising	MAX(28)
X AQL	L	X	I	19:51:29.8	+04:27:51.6	347.04	<8.9-14.9>	25	rising	MAX(10)	fading	fading	fading	fading	min(13)	rising	rising	rising	rising	rising	MAX(23)	fading
S PAV	L	X	I	19:55:13.96	-59:11:44.3	380.86	<7.2-9.3>	68	MAX(11)	fading	fading	fading	fading	fading	min(30)	rising	rising	rising	rising	rising	MAX(27)	fading
RR SGR	L	X	I	19:55:56.42	-29:11:24.1	336.33	<6.8-13.2>	76	fading	min(23)	rising	rising	rising	rising	MAX(17)	fading	fading	fading	fading	fading	min(26)	rising
RR AQL	L	X	I	19:57:36.06	-01:53:11.2	394.78	<9.0-13.9>	15	fading	min(4)	rising	rising	MAX(11)	fading	fading	fading	fading	fading	fading	fading	fading	fading
RU SGR	L	X	I	19:58:42.87	-41:50:57.9	240.49	<7.2-12.8>	46	rising	MAX(22)	fading	fading	fading	fading	min(5)	rising	rising	MAX(21)	fading	fading	fading	fading
RS AQL	L	X	I	19:59:06.58	-07:53:02.5	410.12	<9.7-15.2>	42	rising	rising	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading	fading	min(28)	rising
Z CYG	L	X	I	20:01:27.46	+50:02:32.6	263.69	<8.7-13.3>	264	fading	fading	min(10)	rising	rising	MAX(28)	fading	fading	fading	fading	min(28)	rising	rising	rising
S CYG	L	X	I	20:05:29.96	+57:59:08.7	322.93	<10.3-16.0>	49	rising	rising	rising	rising	MAX(17)	fading	fading	fading	fading	min(25)	rising	rising	rising	rising
SY AQL	L	X	I	20:07:05.4	+12:57:06.3	355.92	<9.5-14.4>	56	fading	fading	fading	fading	min(7)	rising	rising	rising	MAX(17)	fading	fading	fading	fading	fading
R CAP	L	X	I	20:11:18.34	-14:16:03.3	345.13	<10.6-13.6>	27	fading	fading	fading	fading	min(25)	rising	rising	rising	rising	MAX(30)	fading	fading	fading	fading
S AQL	L	X	I	20:11:37.47	+15:37:14.5	146.45	<8.9-12.4>	105	rising	MAX(11)	fading	min(22)	rising	rising	MAX(8)	fading	min(16)	rising	rising	MAX(1)	fading	min(9)
RU AQL	L	X	I	20:12:44.82	+12:59:41.2	274.24	<9.4-14.0>	47	fading	fading	min(10)	rising	rising	rising	MAX(3)	fading	fading	fading	fading	min(9)	rising	rising
NAME	LINKS	R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB		
RS CYG	L	X	I	20:13:23.65	+38:43:44.5	417.39	<7.2-9.0>	379	fading	fading	min(20)	rising	rising	rising	rising	rising	MAX(28)	fading	fading	fading	fading	fading
W CAP	L	X	I	20:14:29	-21:58:45	209.67	<11.7-14.8>	29	rising	rising	MAX(7)	fading	fading	min(13)	rising	rising	rising	MAX(2)	fading	fading	min(9)	rising
R TEL	L	X	I	20:14:45.11	-46:58:54.9	461.88	<8.6-14.8>	33	fading	fading	fading	fading	fading	fading	min(9)	rising	rising	rising	rising	rising	rising	MAX(14)
R DEL	L	X	I	20:14:55.14	+09:05:21	285.07	<8.3-13.3>	65	rising	MAX(15)	fading	fading	fading	fading	min(22)	rising	rising	rising	MAX(27)	fading	fading	fading

Z AQL	L	X	I	20:15:11.03	-06:09:03.8	129.22	<9.0-13.9>	50	MAX(9)	fading	min(23)	rising	MAX(18)	fading	min(30)	rising	MAX(25)	fading	fading	min(7)	rising	MAX(1)
SX CYG	L	X	I	20:15:33.52	+31:04:20.1	411.02	<9.0-14.3>	26	rising	rising	rising	rising	MAX(26)	fading	fading	fading	fading	fading	fading	fading	min(23)	rising
RT SGR	L	X	I	20:17:43.64	-39:06:46	306.46	<7.0-13.3>	27	fading	fading	fading	min(20)	rising	rising	rising	rising	MAX(12)	fading	fading	fading	fading	min(21)
WX CYG	L	X	I	20:18:33.26	+37:26:59.1	410.45	<9.7-12.6>	109	rising	rising	rising	MAX(26)	fading	fading	fading	fading	fading	fading	min(17)	rising	rising	rising
U CYG	L	X	I	20:19:36.59	+47:53:39	463.24	<7.2-10.7>	415	fading	fading	fading	fading	min(20)	rising	rising	rising	rising	rising	rising	MAX(16)	fading	fading
U MIC	L	X	I	20:29:15.77	-40:25:01.3	334.29	<8.8-14.0>	22	fading	fading	fading	fading	fading	min(29)	rising	rising	rising	MAX(30)	fading	fading	fading	fading
ST CYG	L	X	I	20:32:33.48	+54:57:00.5	337.29	<9.9-13.9>	12	fading	fading	min(23)	rising	rising	rising	rising	rising	MAX(12)	fading	fading	fading	fading	min(24)
RU CAP	L	X	I	20:32:34.01	-21:41:25.5	347.37	<9.7-15.1>	23	fading	fading	fading	fading	fading	fading	min(22)	rising	rising	rising	MAX(13)	fading	fading	
Z DEL	L	X	I	20:32:39.14	+17:27:03.3	304.48	<8.8-14.5>	78	rising	rising	rising	MAX(13)	fading	fading	fading	fading	min(17)	rising	rising	rising	rising	MAX(12)
R MIC	L	X	I	20:40:02.99	-28:47:31.2	138.62	<9.2-13.4>	53	fading	min(4)	rising	MAX(6)	fading	min(22)	rising	MAX(22)	fading	fading	min(8)	rising	MAX(8)	fading
V CYG	L	X	I	20:41:18.27	+48:08:28.7	421.27	<9.1-12.8>	119	fading	fading	min(20)	rising	rising	rising	rising	rising	MAX(29)	fading	fading	fading	fading	fading
Y DEL	L	X	I	20:41:38.99	+11:52:38.4	468.4	<9.9-14.0>	14	rising	rising	MAX(6)	fading	fading	fading	fading	fading	fading	fading	min(23)	rising	rising	rising
S DEL	L	X	I	20:43:04.87	+17:05:17.3	277.75	<8.8-12.0>	160	fading	fading	fading	fading	min(7)	rising	rising	rising	MAX(12)	fading	fading	fading	fading	min(9)
Y AQR	L	X	I	20:44:25.07	-04:50:00.5	382.34	<9.4-14.8>	41	min(23)	rising	rising	rising	rising	MAX(28)	fading	fading	fading	fading	fading	fading	fading	min(10)
T DEL	L	X	I	20:45:21.04	+16:23:55.8	332.02	<9.3-14.8>	123	fading	fading	fading	min(1)	rising	rising	rising	MAX(25)	fading	fading	fading	fading	fading	min(27)
W AQR	L	X	I	20:46:25.01	-04:05:00.3	381.1	<8.9-14.2>	62	fading	fading	fading	fading	min(12)	rising	rising	rising	rising	MAX(27)	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		
V DEL	L	X	I	20:47:46.06	+19:20:06.2	533	<10.1-15.5>	46	fading	fading	fading	fading	fading	fading	min(28)	rising	rising	rising	rising	rising	rising	rising
U CAP	L	X	I	20:48:08.59	-14:47:00.9	203.14	<11.1-14.8>	25	fading	min(12)	rising	rising	MAX(17)	fading	fading	fading	min(3)	rising	rising	MAX(6)	fading	fading
T AQR	L	X	I	20:49:56.4	-05:08:48	202.1	<7.7-13.1>	83	fading	fading	fading	min(4)	rising	rising	MAX(8)	fading	fading	min(23)	rising	rising	MAX(26)	fading
RZ CYG	L	X	I	20:51:53.19	+47:21:20.4	275.69	<10.5-13.0>	22	fading	fading	fading	fading	min(24)	rising	rising	rising	MAX(16)	fading	fading	fading	fading	min(23)
X DEL	L	X	I	20:54:54.13	+17:38:29.9	281.04	<9.0-14.1>	100	fading	fading	fading	min(7)	rising	rising	rising	MAX(3)	fading	fading	fading	fading	min(13)	rising
UX CYG	L	X	I	20:55:05.51	+30:24:52	565	<9.7-14.7>	15	rising	rising	rising	MAX(10)	fading	fading	fading	fading	fading	fading	fading	fading	fading	fading
X CEP	L	X	I	20:56:09.39	+83:03:26.2	535.19	<9.4-15.7>	60	fading	fading	fading	fading	fading	fading	fading	min(2)	rising	rising	rising	rising	rising	rising
S IND	L	X	I	20:56:23.27	-54:19:26.7	399.95	<8.2-15>	31	fading	fading	fading	fading	fading	min(9)	rising	rising	rising	rising	MAX(26)	fading	fading	fading
RR CAP	L	X	I	21:02:20.77	-27:05:14.8	277.54	<9.3-14.5>	33	rising	rising	MAX(31)	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	MAX(2)	fading
R VUL	L	X	I	21:04:22.5	+23:49:18	136.73	<8.1-12.6>	127	min(27)	rising	rising	MAX(2)	fading	min(12)	rising	MAX(16)	fading	min(27)	rising	MAX(31)	fading	fading
TW CYG	L	X	I	21:05:59.69	+29:24:21.3	340.86	<10.0-14.5>	26	rising	rising	MAX(22)	fading	fading	fading	fading	fading	min(23)	rising	rising	rising	rising	MAX(26)
V CAP	L	X	I	21:07:36.64	-23:55:13.5	275.72	<9.2>-14.4	26	rising	rising	MAX(12)	fading	fading	fading	fading	min(21)	rising	rising	rising	MAX(12)	fading	fading
X CAP	L	X	I	21:08:33.01	-21:20:51.7	217.94	<11.1-14.8>	25	min(2)	rising	rising	MAX(16)	fading	fading	fading	min(8)	rising	rising	MAX(20)	fading	fading	fading
T CEP	L	X	I	21:09:31.78	+68:29:27.2	388.14	<6.0-10.3>	1029	rising	rising	MAX(22)	fading	fading	fading	fading	fading	min(14)	rising	rising	rising	rising	rising
Z CAP	L	X	I	21:10:37.51	-16:10:25.2	181.48	<9.5-14.0>	29	rising	rising	MAX(4)	fading	fading	min(8)	rising	rising	MAX(2)	fading	fading	min(7)	rising	rising
RS AQR	L	X	I	21:10:58.12	-04:01:40.1	214.62	<10.0-14.0>	36	rising	MAX(27)	fading	fading	fading	min(18)	rising	rising	MAX(29)	fading	fading	fading	min(18)	rising
REQU	L	X	I	21:13:11.49	+12:48:06.1	260.76	<9.3-14.5>	51	fading	fading	fading	min(5)	rising	rising	MAX(29)	fading	fading	fading	fading	min(22)	rising	rising
RR AQR	L	X	I	21:15:01.27	-02:53:45.2	182.45	<9.5-13.9>	47	rising	rising	MAX(1)	fading	min(31)	rising	rising	MAX(31)	fading	fading	min(30)	rising	rising	rising
X PEG	L	X	I	21:20:59.84	+14:27:00.3	201.2	<9.4-13.8>	32	MAX(26)	fading	fading	fading	min(8)	rising	rising	MAX(15)	fading	fading	min(25)	rising	rising	rising
T CAP	L	X	I	21:22:00.82	-15:09:33	269.28	<9.5-13.9>	32	MAX(24)	fading	fading	fading	fading	min(20)	rising	rising	rising	MAX(20)	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 MIC	L	X	I	21:26:44.09	-29:51:04.7	209.68	<9.0-13.8>	36	rising	MAX(6)	fading	fading	min(30)	rising	rising	rising	MAX(3)	fading	fading	min(25)	rising	rising
Y CAP	L	X	I	21:34:22.92	-13:58:29.3	411.76	<11.6-14.8>	23	min(27)	rising	rising	rising	rising	rising	MAX(6)	fading	fading	fading	fading	fading	fading	fading
S CEP	L	X	I	21:35:12.83	+78:37:28.1	486.84	<8.3-11.2>	352	rising	rising	MAX(21)	fading	fading	fading	fading	fading	fading	min(12)	rising	rising	rising	rising
RU CYG	L	X	I	21:40:39.08	+54:19:28.8	233.43	<8.0-9.4>	197	rising	rising	rising	MAX(13)	fading	fading	fading	min(12)	rising	rising	rising	MAX(3)	fading	fading
RR PEG	L	X	I	21:44:30.59	+25:00:26.3	264.05	<9.2-14.1>	70	rising	rising	rising	MAX(23)	fading	fading	fading	fading	min(21)	rising	rising	rising	rising	MAX(12)

R GRU	L	X	I	21:48:31.75	-46:54:50.4	331.96	<8.3-14.6>	32	rising	MAX(2)	fading	fading	fading	fading	fading	min(6)	rising	rising	rising	MAX(31)	fading	fading
V PEG	L	X	I	22:01:02.57	+06:07:11	302.35	<8.7-14.4>	30	rising	rising	MAX(25)	fading	fading	fading	fading	min(28)	rising	rising	rising	rising	MAX(22)	fading
S PSA	L	X	I	22:03:45.83	-28:03:04.2	271.7	<9.0>-13.4	33	fading	fading	min(15)	rising	rising	rising	MAX(14)	fading	fading	fading	fading	min(11)	rising	rising
RT PEG	L	X	I	22:04:10.13	+35:07:18.4	215	<9.9-14.5>	38	MAX(25)	fading	fading	fading	min(26)	rising	rising	MAX(28)	fading	fading	fading	min(27)	rising	rising
RZ PEG	L	X	I	22:05:52.97	+33:30:24.8	438.7	<8.8-12.8>	88	fading	fading	min(15)	rising	rising	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading
T PEG	L	X	I	22:08:54.3	+12:32:24.5	379.4	<8.9-14.3>	24	rising	rising	MAX(10)	fading	fading	fading	fading	fading	min(23)	rising	rising	rising	rising	rising
Y PEG	L	X	I	22:11:37.48	+14:21:56.4	206.93	<10.5-14.9>	12	MAX(15)	fading	fading	fading	min(7)	rising	rising	MAX(10)	fading	fading	min(30)	rising	rising	rising
RS PEG	L	X	I	22:12:16.18	+14:33:12.2	415.4	<9.3-14.3>	8	rising	rising	rising	MAX(20)	fading	fading	fading	fading	fading	fading	fading	min(22)	rising	rising
RS LAC	L	X	I	22:12:52.53	+43:45:00.7	237.26	<10.4-11.9>	45	rising	MAX(24)	fading	fading	fading	min(19)	rising	rising	rising	MAX(20)	fading	fading	fading	min(12)
R PSA	L	X	I	22:18:00.19	-29:36:13.8	297.6	<9.2-14.7>	24	MAX(18)	fading	fading	fading	fading	fading	min(19)	rising	rising	rising	MAX(12)	fading	fading	fading
X AQR	L	X	I	22:18:39.31	-20:54:04.1	311.65	<8.3-14.4>	27	rising	rising	MAX(24)	fading	fading	fading	fading	fading	min(20)	rising	rising	rising	MAX(29)	fading
RV PEG	L	X	I	22:25:36.8	+30:28:21.3	396.8	<9.9-14.6>	38	min(20)	rising	rising	rising	rising	MAX(30)	fading	fading	fading	fading	fading	fading	fading	min(21)
T GRU	L	X	I	22:25:40.93	-37:34:09.1	136.49	<8.6-11.5>	63	MAX(11)	fading	min(29)	rising	MAX(28)	fading	fading	min(13)	rising	MAX(11)	fading	min(27)	rising	MAX(25)
S GRU	L	X	I	22:26:05.46	-48:26:18.8	401.51	<7.7-14.4>	37	fading	fading	fading	fading	fading	min(6)	rising	rising	rising	rising	rising	MAX(4)	fading	fading
S LAC	L	X	I	22:29:00.9	+40:18:55.9	241.5	<8.2-13.0>	106	MAX(25)	fading	fading	fading	fading	min(5)	rising	rising	MAX(24)	fading	fading	fading	fading	min(1)
NAME	LINKS	R.A.	DECL.	PERIOD	RANGE	N	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB		
R IND	L	X	I	22:36:00.39	-67:17:15.9	216.26	<8.4-14.3>	14	MAX(24)	fading	fading	fading	min(23)	rising	rising	MAX(28)	fading	fading	fading	min(26)	rising	rising
T TUC	L	X	I	22:40:33.48	-61:33:13.6	250.3	<8.1-13.2>	17	fading	min(25)	rising	rising	rising	MAX(22)	fading	fading	fading	fading	min(3)	rising	rising	MAX(28)
R LAC	L	X	I	22:43:15.64	+42:22:11.2	299.86	<9.1-14.4>	27	fading	fading	fading	fading	fading	min(20)	rising	rising	rising	MAX(19)	fading	fading	fading	fading
S AQR	L	X	I	22:57:06.48	-20:20:35.4	279.27	<8.3-14.1>	34	MAX(5)	fading	fading	fading	fading	min(26)	rising	rising	rising	MAX(11)	fading	fading	fading	fading
RW PEG	L	X	I	23:04:11.48	+15:18:11.9	208.43	<9.7-14.0>	43	rising	rising	MAX(9)	fading	fading	min(13)	rising	rising	rising	MAX(4)	fading	fading	min(8)	rising
R PEG	L	X	I	23:06:39.17	+10:32:36	378.1	<7.8-13.2>	111	rising	MAX(16)	fading	fading	fading	fading	fading	min(14)	rising	rising	rising	rising	rising	rising
V CAS	L	X	I	23:11:40.72	+59:41:58.9	228.83	<7.9-12.2>	314	fading	fading	fading	min(18)	rising	rising	MAX(31)	fading	fading	fading	fading	min(3)	rising	rising
W PEG	L	X	I	23:19:50.5	+26:16:43.6	345.5	<8.2-12.7>	185	fading	fading	fading	min(19)	rising	rising	rising	rising	MAX(23)	fading	fading	fading	fading	fading
S PEG	L	X	I	23:20:32.62	+08:55:08.1	319.22	<8.0-13.0>	71	rising	rising	rising	rising	MAX(22)	fading	fading	fading	fading	fading	min(7)	rising	rising	rising
V PHE	L	X	I	23:32:27.25	-45:59:19.1	257	<9.2-14.0>	28	rising	MAX(18)	fading	fading	fading	min(4)	rising	rising	rising	MAX(2)	fading	fading	fading	
ST AND	L	X	I	23:38:45.13	+35:46:21.2	328.34	<8.2-11.8>	75	rising	MAX(25)	fading	fading	fading	fading	min(3)	rising	rising	rising	rising	rising	MAX(20)	fading
R AQR	L	X	I	23:43:49.45	-15:17:04.1	386.96	<6.5-10.3>	129	rising	MAX(3)	fading	fading	fading	fading	fading	min(22)	rising	rising	rising	rising	rising	MAX(25)
Z CAS	L	X	I	23:44:31.54	+56:34:52.3	495.71	<10.0-14.7>	39	MAX(31)	fading	fading	fading	fading	fading	fading	fading	fading	fading	fading	min(2)	rising	rising
RR CAS	L	X	I	23:55:49.01	+53:43:29.3	300.07	<10.5-14.0>	11	rising	rising	rising	MAX(7)	fading	fading	fading	fading	min(1)	rising	rising	rising	rising	MAX(1)
R PHE	L	X	I	23:56:27.55	-49:47:12.5	269.26	<8.0-14.1>	14	rising	rising	MAX(20)	fading	fading	fading	min(23)	rising	rising	rising	rising	MAX(15)	fading	fading
R TUC	L	X	I	23:57:26.35	-65:23:04.8	286.06	<9.8-15.1>	16	rising	MAX(2)	fading	fading	fading	fading	min(22)	rising	rising	rising	MAX(15)	fading	fading	fading
V CET	L	X	I	23:57:54.07	-08:57:31.3	257.82	<9.4-14.3>	22	fading	fading	fading	min(12)	rising	rising	rising	rising	MAX(8)	fading	fading	fading	min(26)	rising
R CAS	L	X	I	23:58:24.87	+51:23:19.7	430.46	<7.0-12.6>	620	fading	fading	fading	min(14)	rising	rising	rising	rising	rising	MAX(29)	fading	fading	fading	fading