

MAS Eclipsing Binary Ephemeris for June 2025

all times in U.T.

Page 1

	RT	TW	UU	WZ	XZ	AB	AD	BD	BX	DS	QX	QX	CX	CZ	EK	EK	XZ	KO	KP	OO	OO	V342	V343
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	AQL
MAX	9.3	8.8	11.2	11.6	10.0	9.3	11.1	11.3	8.6	10.8	11.3	11.3	10.7	10.3	10.8	10.8	9.3	8.3	9.7	9.2	9.2	9.0	10.6
MIN	10.2	11.0	14.1	12.6	13.0	10.2	11.6	11.7	9.5	11.4	11.6	11.6	12.0	11.2	11.3	11.3	11.2	9.3	10.5	10.1	10.1	12.5	12.3
DUR	3	11	8	4	3	3	4	3	4	4	3	3	3	3	3	3	7	5	4	3	3	7	4
TOT		2																				3	
							(S)			(S)		(S)				(S)					(S)		
0- 1							9.5			9.0								2.0		9.0	3.0		
1- 2					9.0		9.0	10.5	10.0	9.0						10.0				9.5	3.5		
2- 3	9.0	7.5					9.0	8.5		9.5	8.0				8.0					9.5	3.5		
3- 4				7.5			8.5	7.0		9.5	9.0		7.0	10.5						10.0	4.0		9.5
4- 5	6.5						8.0	5.0		10.0		9.5	9.5							10.5	4.5		
5- 6				9.5	10.5	8.0	8.0			10.0					9.5					10.5	4.5		6.0
6- 7	4.0	10.5				8.0	7.5			10.5								5.0			5.0	4.5	
7- 8	10.0					7.5	7.0	11.0		10.5											5.5		
8- 9						7.5	7.0	9.0		11.0	7.5		7.0								5.5		
9-10	7.0					7.5	6.5	7.0	8.5			8.5	9.5			9.5					6.0		
10-11						7.5	6.0	5.5			9.0			8.0							6.5		
11-12	4.5					7.5	6.0	3.5				10.0									6.5		
12-13	10.5			8.5		7.0	5.5		9.5							11.0					7.0		
13-14						7.0	5.0						7.0		9.0						7.0		
14-15	8.0			10.5		7.0	5.0	9.5					10.0				7.5	9.5			7.5		
15-16						7.0	4.5	7.5	11.0		7.5										8.0		
16-17	5.5			7.5		6.5	4.0	6.0				8.5		9.0	10.5		10.5		7.5		8.0	8.5	7.5
17-18						6.5		4.0			9.0					8.5		6.5			8.5		
18-19						6.5							7.0								9.0		4.0
19-20	8.5			7.5		6.5							10.0								3.0	9.0	
20-21					9.0	6.5		10.0	8.0							10.0		3.0			3.5	9.5	
21-22	6.0			9.5		6.0		8.0							8.0						4.0	10.0	
22-23						6.0		6.5			8.0			10.0							4.0	10.0	
23-24	3.5					6.0		4.5	9.0			8.5	7.5								4.5	10.5	3.5
24-25	9.5		11.0		11.0	6.0					9.5		10.0		9.5						4.5	11.0	
25-26						6.0															5.0		
26-27	7.0					5.5		10.5	10.5										9.5		5.5		
27-28			10.0			5.5		8.5													5.5		9.5
28-29	4.0			8.5		5.5		6.5					7.5	11.0		9.0					6.0		
29-30	10.5					5.5		5.0			8.0		10.0				6.5				6.5		5.5

MAS Eclipsing Binary Ephemeris for June 2025

all times in U.T.

Page 2

	V346	SS	SS	SX	WW	WW	AP	AP	IM	V459	SS	SS	SS	TU	TU	TY	TY	TZ	TZ	VW	VW	ZZ	AD
	AQL	ARI	ARI	AUR	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO
MAX	9.0	10.1	10.1	8.2	5.7	5.7	10.9	10.9	7.9	7.7	10.3	10.3	10.3	11.7	11.7	11.8	11.8	10.6	10.6	10.5	10.5	6.8	9.8
MIN	10.4	11.1	11.1	9.0	6.4	6.4	11.4	11.4	8.5	8.1	11.0	11.0	11.0	12.7	12.7	12.3	12.3	11.1	11.1	11.0	11.0	7.6	10.4
DUR	4	3	3	4	5	5	4	4	4	4	18	18	18	3	3	3	3	3	3	3	3	5	4
TOT											6	6	6										
			(S)			(S)		(S)		(S)	(2)		(3)			(S)		(S)		(S)		(S)	(S)
0- 1														6.5	2.5		4.0	4.0		3.5	7.5		
1- 2														6.0	2.0	7.0	3.0		5.0	4.5			
2- 3								3.5			3.5	6.5	9.5	5.0		5.5	2.0	6.0	2.5	5.0			
3- 4						2.0								4.5		4.5		3.5	7.0	5.5			
4- 5	3.5						3.0							4.0	7.5	3.5	7.0		4.5	6.0	2.0	4.0	
5- 6	6.0			11.0										3.0	7.0	2.0	6.0	5.5	2.0	7.0	3.0		3.0
6- 7	8.5							3.0						2.5	6.5		4.5	3.0	6.5	7.5	3.5		
7- 8														2.0	6.0	7.5	3.5		3.5	8.0	4.0		4.5
8- 9							3.0								5.0	6.0	2.5	4.5			4.5		
9-10															4.5	5.0		2.0	5.5		5.5	4.0	6.0
10-11		8.5						2.5						7.5	4.0	4.0		6.5	3.0	2.0	6.0		
11-12			9.0						2.0					7.0	3.0	2.5	6.5	4.0		2.5	6.5		7.5
12-13		9.5						2.5						6.5	2.5		5.5		5.0	3.0	7.5		
13-14														5.5	2.0		4.0	6.0	2.5	4.0	8.0		9.5
14-15								2.5						5.0		7.0	3.0	3.5	7.0	4.5		4.0	
15-16	5.0								1.5					4.5		5.5	2.0		4.5	5.0			
16-17	7.5						2.0							4.0	7.5	4.5		5.0		6.0			
17-18	10.0									8.5				3.0	7.0	3.5	7.0	2.5	6.0	6.5	2.5		
18-19								2.0						2.5	6.5	2.0	6.0		3.5	7.0	3.0		
19-20														2.0	5.5		5.0	4.5		7.5	3.5	3.5	
20-21							2.0								5.0	7.5	3.5	2.0	5.5		4.0		
21-22															4.5	6.5	2.5	6.5	3.0		5.0		
22-23														7.5	4.0	5.0		4.0			5.5		
23-24		8.5												7.0	3.0	4.0			5.0	2.0	6.0		
24-25			9.0											6.5	2.5	3.0	6.5	6.0	2.5	2.5	7.0	3.5	
25-26	4.0	9.0									2.0	5.0		5.5	2.0		5.5	3.0	7.0	3.5	7.5		
26-27	6.5		9.5											5.0			4.5		4.0	4.0	8.0		
27-28	9.0				2.0									4.5		7.0	3.0	5.0		4.5			
28-29				10.5					2.0					4.0	7.5	5.5	2.0	2.5	6.0	5.5			
29-30														3.0	7.0	4.5		7.0	3.5	6.0	2.0	3.5	

MAS Eclipsing Binary Ephemeris for June 2025

all times in U.T.

Page 3

	AD	BW	BW	44	44	Y	SV	AL	AN	CD	CD	AC	RW	TY	RZ	TV	TW	ZZ	AB	CW	CW	DZ	IR
	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CAM	CMI	CAP	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS
MAX	9.8	7.1	7.1	4.7	4.7	10.6	8.6	10.5	9.7	11.6	11.6	11.0	9.8	10.5	6.4	7.3	8.3	10.7	10.2	11.8	11.8	11.6	10.8
MIN	10.2	7.5	7.5	4.9	4.8	12.4	9.4	11.3	10.5	11.8	11.8	11.5	10.8	11.6	7.8	8.4	8.9	11.1	12.2	12.5	12.5	12.3	12.1
DUR	4	5	5	3	3	6	3	5	8	5	5	3	5	4	4	4	5	4	4	3	3	4	4
TOT	(S)		(S)		(S)					(S)										(S)			
0- 1				7.0	2.0	5.0				9.0					9.0					3.0	7.0		4.0
1- 2					3.5		3.0	3.0		3.0				5.5		6.5		4.0		2.0	6.0		
2- 3		5.5		5.0	2.0		7.5	10.5			6.5							9.5	7.5		5.0	10.5	5.0
3- 4					3.5					10.0							9.0				4.0	5.0	
4- 5	2.0			2.0	5.5		2.0			4.5										6.5	3.0		6.0
5- 6				4.0		4.5	6.5	2.5			8.0				4.0					5.5	2.0		
6- 7	3.5			5.5	2.5		11.0	10.5			2.5				8.5		6.0	3.0	9.5	4.5		8.5	7.0
7- 8					4.0					6.0								9.0		3.5	7.5	3.5	
8- 9	5.5			2.5	6.0		5.5				9.5			8.5						2.5	6.5		8.0
9-10				4.5			10.0	2.0			3.5		9.5				2.5		3.5		5.0		
10-11	7.0		7.0	6.0	3.0			10.0		7.0						8.0					4.0	6.5	9.0
11-12					4.5		5.0				10.5				3.0			2.5		7.0	3.0		
12-13	8.5	5.5		3.0	6.5		9.0		10.5		5.0				8.0	3.5		8.5		6.0	2.0		10.0
13-14				5.0				2.0		8.5							9.0		5.5	5.0		10.0	
14-15					3.5		4.0	9.5		3.0										4.0		5.0	
15-16				2.0	5.0	2.5	8.5				6.5	2.0								3.0	6.5		3.5
16-17				3.5						10.0							5.5	2.0		2.0	5.5		
17-18				5.0	2.0		3.0			4.5					2.5			7.5	8.0		4.5	8.0	4.5
18-19					3.5	9.5	7.5	9.5			8.0			7.5	7.5					7.5	3.5		
19-20				2.0	5.5						2.0					9.5	2.5			6.5	2.5		5.5
20-21			7.0	4.0			2.5			5.5									2.0	5.5			
21-22				5.5	2.5		6.5				9.0					5.0			10.5	4.0		6.5	6.5
22-23		5.5			4.0			9.0			3.5							7.0		3.0	7.0		
23-24				2.5	6.0					7.0					2.0		9.0			2.0	6.0		7.5
24-25				4.5			6.0				10.5				7.0				4.0		5.0	10.0	
25-26				6.0	3.0		10.5				5.0			10.5							4.0	4.5	8.5
26-27					4.5			8.5		8.5			9.0				5.5			6.5	3.0		
27-28				3.0	6.0		5.0			2.5								6.5		5.5	2.0		9.5
28-29				4.5		8.0	9.5				6.0			6.5		11.0			6.5	4.5		8.0	
29-30				6.5	3.0					9.5							2.0			3.5	7.5		10.5

	IS	IT	IV	MM	OR	OX	OX	PV	PV	V364	V364	V375	V380	U	SU	WW	WZ	WZ	XX	ZZ	CW	CW	DK	
	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	
MAX	11.6	11.0	11.2	11.3	11.4	10.1	10.1	10.0	10.0	11.2	11.2	10.1	10.4	6.7	8.8	11.1	11.7	11.7	8.5	9.3	7.6	7.6	12.2	
MIN	12.6	11.8	12.5	11.9	12.4	10.9	10.9	10.6	10.6	11.7	11.7	10.9	11.1	9.8	9.8	11.9	11.3	11.1	9.6	10.0	8.0	8.0	14.2	
DUR	5	5	5	5	4	5	5	3	3	4	4	5	5	4	4	4	3	3	4	5	5	5	4	
TOT														2										
							(S)		(S)		(S)							(S)				(S)		
0- 1	8.5	10.5	10.0	5.5					7.5	6.0		2.5					8.0	3.0						
1- 2			9.5	9.0				3.5					3.5			4.5	4.0	9.0		3.0				
2- 3	5.0		9.5					4.5									10.0	5.0						
3- 4			9.5		3.0					8.0							6.0			6.5	8.5			
4- 5		8.0	9.5		9.0												2.0	7.0	8.0					
5- 6			9.5										5.5	10.0			8.0	3.0		9.5				
6- 7			9.5					9.5		10.0				10.5	7.5		4.0	9.0			2.0			
7- 8			9.5					4.0		7.5					5.0			5.0						
8- 9		5.5	9.5	8.0				3.5							2.5		6.5							
9-10			9.5		8.5								7.0				2.5	7.5						
10-11			9.5							7.0	10.0					9.5	8.5	3.5				4.5		
11-12	10.0		9.5											10.5			4.5	9.5	8.5					
12-13			9.5					3.5										5.5						
13-14	6.0		9.5			10.5		9.5		9.0	8.5	9.0					6.5							
14-15			9.5		8.0				7.5						10.0		2.5	7.5			6.5			
15-16	2.5		9.0	7.0				3.5							7.5		8.5	3.5						
16-17			9.0	10.5													4.5	9.5		3.0				
17-18			9.0							5.5			10.5	10.0	5.5		4.5	9.5						
18-19			9.0			10.0											6.5		9.0	6.0		9.0		
19-20			9.0		8.0								6.0				2.5	7.5						
20-21			9.0					9.5		7.5			3.5				9.0	4.0		9.5			10.5	
21-22			9.0						7.5					9.5			5.0	10.0			2.5	10.5		
22-23			9.0	5.5				4.0				5.0						6.0					10.0	
23-24			9.0	9.5		9.5				9.5					10.5		7.0	2.0					9.5	
24-25	7.5		9.0		7.5								5.5		8.0	5.0	3.0	8.0					9.5	
25-26			9.0												5.5		9.0	4.0	9.0		4.5		9.0	
26-27	3.5		9.0											9.5	3.5		5.0						8.5	
27-28			9.0					10.0			6.0							6.0						8.0
28-29			9.0			9.0			7.5			2.5	7.0				7.0	2.0						8.0
29-30			8.5		7.0			4.0									3.0	8.0				7.0	7.5	

MAS Eclipsing Binary Ephemeris for June 2025

all times in U.T.

Page 5

	DL	DV	EG	EK	GK	TT	TX	RW	RW	RZ	RZ	SS	SS	CC	CC	U	RW	TW	W	W	RV	RV	SX
	CEP	CEP	CEP	CEP	CEP	CET	CET	COM	COM	COM	COM	COM	COM	COM	COM	CRB	CRB	CRB	CRV	CRV	CRV	CRV	CRV
MAX	12.4	11.6	9.6	8.2	6.9	10.8	10.9	11.0	11.0	10.0	10.0	10.9	10.9	11.0	11.0	7.6	10.1	10.5	10.6	10.6	9.0	9.0	8.9
MIN	13.2	12.4	10.6	9.5	7.4	11.3	11.5	11.6	11.6	10.7	10.7	11.5	11.5	11.9	11.9	8.8	10.6	11.3	11.2	11.2	10.0	10.0	9.2
DUR	5	4	3	6	4	3	4	3	3	3	3	4	4	2	2	5	4	4	4	4	4	4	3
TOT							1																
									(S)		(S)		(S)		(S)					(S)		(S)	
0- 1		9.5	6.5					5.0	2.0	3.5	7.5	6.0			3.5				4.5		5.0		
1- 2			9.0					4.0		4.0		2.0	7.0	3.5							3.5		4.5
2- 3			11.0					2.5	5.5	4.0		7.5	2.5		3.5		6.0	6.0	3.0				3.0
3- 4									4.5	4.5		3.5		3.0				10.0		2.0	4.5		2.0
4- 5	4.5		2.0	6.0					3.0	5.0			4.0		3.0		10.0						
5- 6			4.5					4.5	2.0	5.5		5.0		3.0		6.0	3.5	4.5					
6- 7		5.0	6.5				10.0	3.5		5.5			6.0		2.5			9.0		4.5	4.5		
7- 8	10.5	8.5	8.5					2.5	5.0	6.0	2.0	6.5		2.5	5.0		8.0		4.0				4.5
8- 9			10.5		10.5				4.0	6.5	2.5	2.5	7.5	5.0	2.5			3.5		3.0			3.5
9-10	2.0				9.0			5.5	2.5	7.0	2.5		3.0	2.0	5.0			7.5	2.5		4.0		2.5
10-11			2.0		7.5			4.5		7.0	3.0	4.0		4.5	2.0		5.5			2.0			
11-12			4.0		6.0			3.0		7.5	3.5		4.5	2.0	4.5			2.0					
12-13	8.0		6.0		4.5			2.0	5.0		4.0	5.5		4.5	1.5	3.5	10.0	6.0	5.0		4.0		
13-14		4.0	8.5	2.5	3.0				3.5		4.0		6.0		4.0		3.5	10.5		4.5			5.0
14-15		8.0	10.5					5.0	2.5		4.5	7.0	2.0	4.0					3.5				4.0
15-16								4.0			5.0	3.0	7.5		4.0		7.5	5.0		3.0	3.5		2.5
16-17						11.0		2.5	5.5		5.5		3.5	3.5				9.0	2.0				
17-18	5.5		4.0			10.0			4.5		5.5	4.5			3.5								
18-19			6.0						3.0	2.0	6.0		5.0	3.5			5.5	3.5			3.0		
19-20			8.0					5.0	2.0	2.5	6.5	6.0			3.0			8.0	4.5			5.5	5.5
20-21		3.5	10.5					3.5		3.0	7.0		6.5	3.0			9.5			4.0			4.0
21-22		7.5						2.5	5.0	3.0	7.0	7.5	2.5		3.0		3.0	2.0	3.0		3.0		3.0
22-23	3.0								4.0	3.5	7.5	3.0		2.5				6.5		2.5		5.0	2.0
23-24			3.5		10.0			5.5	3.0	4.0			4.0	5.0	2.5		7.5	10.5	2.0				
24-25			6.0		8.5			4.5		4.5		5.0		2.5	5.0						2.5		
25-26	9.0		8.0		7.0			3.0		4.5			5.5	5.0	2.0			5.0		5.0		5.0	
26-27			10.0	9.0	5.5	10.0		2.0	5.0	5.0		6.5		2.0	4.5		5.0	9.5	4.5				4.5
27-28		3.0			4.0				3.5	5.5		2.0	7.0	4.5	2.0					3.5	2.5		3.5
28-29		6.5			2.5			5.5	2.5	6.0			3.0		4.5		9.5	4.0	3.0			4.5	2.0
29-30		10.5	3.5					4.0		6.0	2.0	3.5		4.0		10.0	3.0	8.0		2.0			

all times in U.T.

	SX	V	SW	WW	ZZ	AE	BR	CG	DK	KR	KV	V346	V387	V388	V401	V456	V466	V466	V477	V477	V548	V704	1034	
	CRV	CRT	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	8.9	9.5	9.3	9.9	10.7	11.8	9.4	11.0	10.3	9.2	11.5	11.8	11.5	9.7	10.8	10.8	10.8	10.8	8.3	8.3	8.9	13.8	9.6	
MIN	9.2	10.2	11.8	13.2	12.0	12.8	10.5	11.8	10.8	10.0	12.6	13.6	12.3	10.3	11.6	11.9	11.6	11.6	9.2	8.7	9.7	14.6	10.6	
DUR	3	4	5	5	4	4	4	3	4	4	5	5	3	3	4	3	4	4	4	4	5	4	4	
TOT			2																					
	(S)																		(S)		(S)			
0- 1	1.5	2.0	2.5			8.5		8.0	6.5					10.5			5.5			5.5				
1- 2				7.0	8.0	8.0			5.0				8.5	7.0	5.0								4.5	
2- 3						7.0	4.0	5.5	3.5					3.5	9.0	9.0		8.0					7.5	
3- 4					5.0	6.5				9.5	7.5		6.5			6.5								
4- 5	4.5					6.0		3.0		6.0		9.5			3.0	4.0	10.0		5.5		6.5			
5- 6	3.5				2.5	5.0		9.0	10.5	2.0				4.5	7.0			2.5				4.0	10.5	
6- 7	2.0				8.5	4.5	4.0		9.0		4.0				10.5						2.0	7.5	10.0	
7- 8		2.5				3.5		6.5	8.0			3.5		7.5			4.5			6.5			9.5	
8- 9					6.0				6.5				9.5	4.0	5.0								8.5	
9-10			6.0					4.0	5.0	7.5					9.0			7.0				4.0	8.0	
10-11	5.0				3.0		4.0	10.5	3.5	4.0						9.5						7.5	7.5	
11-12	3.5			6.0	9.5										3.0	7.0	9.0		6.5			11.0	7.0	
12-13	2.5							8.0						6.0	7.0	4.5							6.5	
13-14					6.5				10.5						7.5	11.0					7.5	4.0	6.0	
14-15		3.0					4.0	5.0	9.5	9.5			4.0	4.0			3.5		7.5			7.5	5.5	
15-16					4.0				8.0	5.5		9.0	10.5		5.0						2.5	10.5	5.0	
16-17	5.5				10.0				6.5						9.0			6.0					4.5	
17-18	4.0							9.0	5.0					9.0								4.0	4.0	
18-19	3.0		9.5		7.0		3.5		3.5			3.0			3.0	10.0	8.0		7.5			7.0	3.0	
19-20								6.5					7.0	8.0	7.0	7.5						10.5	2.5	
20-21					4.5					7.5	8.5				4.5	10.5	5.0		10.0					
21-22		3.5		5.0	10.5			4.0	10.5	3.5				5.0		2.5	2.5			8.5		3.5		
22-23					2.0		3.5	10.0	9.5						4.5							8.0	7.0	
23-24	4.5				8.0				8.0		4.5		3.0		8.5		4.5					10.5		
24-25	3.0							7.5	6.5				10.0								3.5			
25-26	2.0				5.0				5.0	9.0				8.5	2.5		7.0		8.5			3.5		
26-27							3.5	5.0	3.5	5.5		8.5	8.0	5.0	6.5	10.5						7.0		
27-28					2.5										10.5	8.0		9.0				10.5		
28-29		4.0			8.5								6.0		5.5				9.5					
29-30	5.0					10.5		9.0	11.0			2.5			4.5	3.0						3.5		

MAS Eclipsing Binary Ephemeris for June 2025

all times in U.T.

Page 7

	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI	BH	S	RX	SZ	TT	TU	UX	CC	CT	DI	DI	HS
	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA	DRA	EQU	HER	HER	HER	HER	HER	HER	HER	HER	HER	HER
MAX	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2	8.0	8.0	7.1	10.2	9.7	10.6	8.9	9.5	9.9	8.4	8.4	8.5
MIN	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2	8.6	10.0	7.7	12.0	10.4	13.4	9.8	12.8	11.2	9.1	9.1	9.0
DUR	7	5	4	4	3	4	3	5	5	5	4	5	5	5	4	4	5	5	4	4	6	6	4
TOT	2							1									1						
										(S)												(S)	
0- 1				9.5	10.0		7.0				10.5				7.0	6.0	9.5				10.5		
1- 2			8.0	4.5	5.0	6.5	9.5						6.5		2.5	4.0			8.0				
2- 3										9.5						2.0		8.5		5.0			
3- 4												7.5		6.0								9.0	3.5
4- 5				8.5	8.0		3.5								9.0								
5- 6				3.5		8.0	6.0				5.5	3.0			4.5		11.0						
6- 7	10.5						8.5				10.5												10.0
7- 8			7.0						7.0								5.0						
8- 9				8.0	6.0														6.5				
9-10		7.0				10.0	2.5	9.5							7.0	9.0					8.5		
10-11							5.0							9.0	2.5	7.0		2.5					
11-12					9.0		7.5				5.5					5.0				3.5			8.0
12-13	4.0			7.0		3.0	10.0	5.0		4.5	10.0	9.5		3.5		3.0							
13-14			6.0												9.0			4.5					
14-15			10.5									5.0			4.5								
15-16					7.0		4.0			11.0									5.0				
16-17				6.0		5.0	6.5										6.5	7.0			8.5		6.0
17-18							9.0		2.0		5.5												
18-19					10.5						10.0												
19-20	7.0		5.0	10.5	5.0									6.5	2.5	10.0		9.5					
20-21			9.5	5.5		6.5	3.0		8.0							8.0			10.0	2.0			
21-22							5.5									5.5							4.0
22-23					8.5		8.0								9.0	3.5			3.5				
23-24				9.5			10.5	10.5			5.0	7.5			4.5		2.0						
24-25				4.5		8.0					10.0												10.5
25-26							2.0			5.5		3.0	8.0				8.0			10.5			
26-27			8.5		6.5		4.5	6.0						9.0									1.5
27-28				8.5			7.0								7.0		3.5	8.5	5.5				
28-29				3.5		10.0	9.5							3.5	2.5								
29-30		9.5			9.5						5.0					10.5			2.0				8.5



MAS Eclipsing Binary Ephemeris for June 2025

all times in U.T.

Page 9

	Y	UU	VZ	WZ	XY	XZ	AM	SS	DELT	RY	UZ	EW	FL	U	SX	V501	V508	V839	1010	1010	U	U	TY
	LEO	LEO	LEO	LEO	LEO	LEO	LEO	LIB	LIB	LYN	LYR	LYR	LYR	OPH	OPH	OPH	OPH	OPH	OPH	OPH	PEG	PEG	PEG
MAX	9.5	11.4	10.6	11.3	9.5	10.6	9.2	10.4	4.8	11.9	9.8	11.2	8.7	5.8	10.5	10.9	10.1	8.8	6.2	6.2	9.7	9.7	10.5
MIN	12.7	12.7	11.7	12.0	9.9	11.2	9.8	11.3	5.9	13.3	11.0	13.6	9.5	6.5	11.2	11.8	10.7	9.4	7.0	7.0	10.5	10.5	12.6
DUR	5	4	4	5	2	3	3	6	7	4	5	5	4	5	5	4	3	3	4	4	3	3	6
TOT																							
0- 1						2.0		4.0	5.5	3.0						8.0	7.0	7.0		(S)		8.5	
1- 2					2.0		3.5				2.0	5.5	3.0			7.0	8.0	3.0	5.5		7.0		
2- 3																6.5		8.5		5.5			
3- 4												4.5	7.0	9.5		5.5		4.0	5.0			8.5	
4- 5																5.0	2.0	9.5		5.0	7.0		
5- 6			2.5				4.0					3.5		2.0		4.0	3.0	5.0	4.5				
6- 7					4.5											3.5	4.0			4.5		8.5	
7- 8								9.0	5.0			2.0				2.5	4.5	6.0	4.5		7.0		
8- 9				2.0	4.5		2.0							10.5			5.5			4.0			
9-10							4.5										6.0	7.0	4.0			8.5	
10-11					4.0			6.0		4.0				2.5			7.0	3.0		4.0	7.0		
11-12																	8.0	8.0	3.5				
12-13		2.0			4.0		2.5				10.5							4.0		3.5		8.5	
13-14	2.0						5.0	3.0										9.5	3.0		7.0		
14-15					3.5				4.5		8.0		4.5				2.0	5.0		3.0			
15-16				3.0		5.0								3.5			3.0		3.0			8.5	
16-17					3.5	4.0	3.0				5.5		8.5				3.5	6.0		2.5	7.0		
17-18		3.0	2.5			3.5											4.5		2.5				
18-19	3.0				3.0	3.0					2.5				3.0		5.5	7.0		2.5		8.5	
19-20						2.5											6.0	2.5	2.0				
20-21					3.0	2.0	4.0	7.5		5.0				4.0	4.5		7.0	8.0		2.0			
21-22									4.0								8.0	4.0		9.5		8.5	
22-23		4.0		4.0	2.5										6.0			9.5	9.5				
23-24	4.5						2.0	4.5		2.0								5.0		9.5			
24-25					2.5		4.5										7.5		2.0	9.0		8.0	
25-26												2.0	5.0				3.0	6.0		9.0			
26-27					2.0										9.0		3.5		8.5				
27-28							2.5					6.0				10.5	4.5	7.0		8.5		8.0	
28-29					2.0		5.0		4.0							9.5	5.5	2.5	8.5				
29-30			2.0									10.5				9.0	6.0	8.0		8.0		7.5	



all times in U.T.

	V505	1968	RS	AO	CC	CC	Y	RW	V	X	RS	RV	W	W	TX	TY	TY	UX	UX	VV	XZ	ZZ	AF
	SGR	SGR	SER	SER	SER	SER	SEX	TAU	TRI	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA
MAX	6.4	12.3	10.8	10.6	11.1	11.1	9.8	8.0	10.9	8.9	10.3	11.4	9.1	9.1	6.8	11.7	11.7	12.7	12.7	10.1	10.1	9.8	10.8
MIN	7.6	13.3	11.5	12.1	11.7	11.7	10.2	12.5	11.9	12.0	11.0	12.5	9.9	9.9	8.9	12.4	12.4	13.8	13.8	11.0	11.7	11.2	11.6
DUR	5	4	4	4	4	4	3	4	4	4	4	4	3	3	6	3	3	1	1	3	3	4	8
TOT								1															
						(S)							(S)				(S)						
0- 1		5.0	10.0	7.5		6.0			8.5				3.5	7.5		4.5		8.5	3.5	3.0			
1- 2	8.0	8.5		4.5		6.5							3.5	7.5		6.0	2.0	3.5	8.0		6.0		
2- 3			5.0			7.5							3.5	7.5		7.5	3.5	7.5	3.0	4.5			
3- 4			10.0		2.0	8.0							3.5	7.5			5.0	2.5	7.0				
4- 5		4.0			2.5	9.0							3.5	7.5		2.0	6.5	7.0	2.0	6.0		6.5	
5- 6		7.0	5.0		3.5	9.5							3.5	7.5		3.5	8.0		6.5				
6- 7		10.0	9.5		4.5								3.5	7.5		5.0		6.0		7.0	3.5		
7- 8	6.0			8.5	5.0		2.5	10.5	9.0				3.5	7.5		7.0	2.5		5.5				
8- 9	10.0		4.5	5.5	6.0								3.5	7.5		8.5	4.0	5.0					
9-10		5.5	9.5	2.5	6.5								4.0	8.0			5.5		5.0				
10-11		8.5			7.5								4.0	8.0				3.0	7.0	4.5	9.0		
11-12			4.5		8.0	2.0							4.0	8.0		4.5		9.0	4.0	2.5		4.0	
12-13			9.0		9.0	2.5	3.5			9.0			4.0	8.0		6.0		3.5	8.5		6.0		6.0
13-14		4.0			9.5	3.5							4.0	8.0		7.5	3.0	8.0	3.5	4.0			
14-15	8.0	7.0	4.0	9.0		4.0			9.5				4.0				4.5	3.0	7.5				
15-16		10.0	9.0	6.0		5.0	2.0						4.0			2.0	6.0	7.0	2.5	5.5			
16-17				3.5		6.0							4.0			3.5	7.5	2.0	7.0				
17-18			4.0			6.5			8.0				4.0		2.5	5.0		6.5		7.0	3.5		
18-19		6.0	8.5			7.5							4.0			6.5	2.5		6.0				
19-20		9.0			2.0	8.0							4.0			8.0	4.0	5.5					
20-21	6.0		3.5		2.5	9.0	3.0						4.0		4.0		5.5		5.0			9.0	
21-22	10.5		8.5	10.0	3.5	9.5			10.5			8.0	4.0				2.5	7.0	5.0				
22-23		4.5		7.0	4.0								4.0			4.0	8.5	9.0	4.5	2.5			
23-24		7.5	3.5	4.0	5.0								4.0		5.5	5.5		4.0	8.5		6.0		
24-25		10.5	8.0		6.0				8.5			8.5	4.0			7.0	3.0	8.5	3.5	4.0			
25-26					6.5		4.0			11.0			4.0				4.5	3.0	8.0				
26-27			3.5		7.5					10.0			4.0		7.0	1.5	6.0	7.5	3.0	5.5			
27-28	8.5	6.0	8.0		8.0	2.0				9.5		8.5	4.0			3.5	7.5	2.5	7.0			6.5	
28-29		9.0		11.0	9.0	2.5	2.5		11.0	9.0			4.0			5.0		6.5	2.0	7.0	3.5		
29-30			3.0	8.0	9.5	3.5							4.0			6.5	2.0		6.5				



	BT	BU	CD	V495	V495
	VUL	VUL	VUL	VUL	VUL
MAX	11.8	10.6	11.5	9.6	9.6
MIN	12.5	11.4	12.6	10.0	10.0
DUR	3	3	4	4	4
TOT					
					(S)
0- 1		5.0			
1- 2		8.5	6.5		
2- 3					9.0
3- 4			7.5	3.5	
4- 5		5.0			
5- 6	4.5	8.0	9.0		
6- 7	8.0			10.0	
7- 8			10.0		7.0
8- 9		4.5			
9-10		7.5			
10-11			3.5		
11-12				8.0	
12-13		4.0	5.0		4.5
13-14	4.0	7.5			
14-15	7.5	10.5	6.0		
15-16					
16-17		3.5	7.5	5.5	
17-18		7.0			
18-19		10.0	8.5		
19-20					
20-21		3.0	10.0		9.0
21-22	4.0	6.5		3.5	
22-23	7.5	10.0			
23-24	10.5		3.5		
24-25				10.0	
25-26		6.0	4.5		6.5
26-27		9.5			
27-28			6.0		
28-29					
29-30	3.5	5.5	7.0	7.5	