

MAS RR Lyrae Ephemeris for May 2025

all times in U.T.

Page 1

	SW	XX	AT	SW	TZ	YZ	AA	BO	BR	DN	TZ	BH	RS	ST	SW	SZ	TV	TW	UU	UY	UY	RW	TT	
	AND	AND	AND	AQR	AQR	AQR	AQR	AQR	AQR	AQR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CNC	CNC	
MAX	9.3	10.3	10.8	10.5	11.6	12.1	11.4	11.6	10.8	10.7	11.2	11.1	9.8	10.6	11.3	12.0	10.8	10.8	11.2	10.6	11.5	10.7	11.0	
MIN	10.8	11.6	11.5	12.1	12.4	12.9	13.0	12.6	11.9	11.5	12.8	12.6	11.3	11.8	12.7	13.4	11.5	12.1	12.7	12.0	11.9	12.6	12.3	
RISE	2	3	3	1	3	2	2	3	2	3	2	2	2	3	2	2	3	2	1	2	3	2	3	
0- 1		10.0					9.5		11.0				3.5	4.0		11.0		10.5	10.5	3.5	3.5	3.5	3.5	
1- 2			7.5					10.5	10.0		2.0		6.5	10.0	2.0		6.5		8.5		5.0	6.0		
2- 3	9.0				9.0										2.5		5.0		6.5	2.5				
3- 4				10.5			10.5					2.0	4.0	7.0	3.0	2.0	3.5	2.0	4.5	10.0	2.0			
4- 5			9.5	8.5		8.5					5.5		7.0		4.0	3.0	2.0	3.5	2.5	1.5	3.5		2.5	
5- 6														3.5	4.5	4.0		5.5		8.5	5.0	2.0		
6- 7	8.5				9.0						4.5		4.5	9.5	5.0	5.0	6.5	7.0	9.0			4.0		
7- 8													7.5		5.5	6.0	5.0	8.5	7.0	7.5	2.0	6.5		
8- 9											3.5	2.5	1.5	6.5	6.5	7.0	3.5	10.0	5.0		3.5			
9-10			8.0	9.5									5.0		7.0	8.5	2.0		3.0	6.5	5.0		4.0	
10-11				8.0	9.0	10.5		11.0			2.5		8.0	3.0	7.5	9.5								
11-12													2.0	9.0	8.5	10.5	6.5	2.0	10.0	5.5	2.0	2.5		
12-13			10.0										5.5		9.0		5.0	3.5	8.0		3.5	4.5		
13-14	10.5	10.0										3.0	8.5	6.0	9.5		3.5	5.0	5.5	4.0	5.5		2.5	
14-15				11.0	9.0		9.5		10.5				2.5		10.5		2.0	6.5	3.5					
15-16				9.0		9.5					4.5		6.0	2.5	11.0	2.5		8.0	1.5	3.0	2.0			
16-17				7.0									9.0	8.5			3.5	6.5	9.5	10.5	10.0	4.0		
17-18	10.0		8.5				10.5	9.5		11.0	3.5		3.0				4.5	5.0	11.0	8.5	2.0	5.5	3.0	
18-19					9.0								6.0	5.0			5.5	3.5		6.5	9.0		5.0	4.5
19-20											2.5			11.0			6.5	2.0	1.5	4.5		2.5		
20-21			10.5	10.5		9.0							3.5	2.0	2.0	8.0			3.0	2.0	8.0	4.0		
21-22	9.5	9.0		8.5							1.5		6.5	8.0	2.5	9.0	6.5	4.5				5.5		
22-23					8.5										3.0	10.0	5.0	6.0	9.0	7.0			3.0	
23-24													4.0	4.5	4.0	11.0	3.5	7.5	7.0		2.5	3.5		
24-25											5.0	1.5	7.0	10.5	4.5		2.0	9.0	5.0	5.5	4.0	5.5		
25-26	9.0		9.0												1.5	5.0		10.5	3.0		5.5			
26-27		10.5		9.5	8.5	10.5		10.0			4.0		4.5	7.5	6.0	2.0	6.5				4.5		1.5	
27-28				7.5					10.5				7.5		6.5	3.0	5.0		9.5		2.5		4.5	
28-29			11.0				9.5				3.0		1.5	4.0	7.0	4.0	3.5	2.5	7.5	3.5	4.0	1.5		
29-30												2.0	5.0	10.0	7.5	5.0	2.0	4.0	5.5	10.5	6.0	3.5		
30-31			7.5		8.5						2.0		8.0		8.5	6.0		5.5	3.5	2.0		6.0		

	VZ	VZ	SS	RV	RZ	AN	S	XX	XZ	DM	RW	XZ	RR	GQ	TW	VX	VZ	AR	DL	DY	DY	DY	LS
	CNC	CNC	CVN	CAP	CAP	CAP	COM	CYG	CYG	CYG	DRA	DRA	GEM	GEM	HER	HER	HER	HER	HER	HER	HER	HER	HER
MAX	7.2	7.2	11.2	10.2	12.5	12.0	10.9	11.4	9.1	11.2	11.0	9.6	10.7	13.6	10.5	9.9	10.7	10.6	11.0	10.2	10.2	10.2	10.8
MIN	7.9	7.9	12.5	11.6	13.5	13.0	12.1	12.5	10.5	12.7	12.0	10.3	11.9	14.6	11.8	10.4	12.0	11.6	12.4	10.6	10.6	10.6	11.1
RISE	1	1	2	2	3	5	3	1	3	2	2	3	2	2	2	2	2	2	1	1	1	1	2
0- 1	4.0		8.5	10.0	9.0		9.0	2.5	6.5	9.0	5.5	2.5			5.5	5.0	1.5	3.0	8.5	8.0		4.5	5.5
1- 2		1.5	7.5	7.5				7.5	5.0	5.5	3.0	1.5	3.0			3.0	9.5			5.5	9.0	2.0	3.5
2- 3		3.0	6.5		9.0		3.0	3.0	3.0						5.5		6.5		3.0	3.0	6.5	10.0	1.5
3- 4		5.0	5.5				7.0	8.0	1.5	8.0	8.0	10.5	3.0			9.5	3.5	9.5	7.5		4.0	7.5	5.5
4- 5	2.5		4.5		9.0	10.5		3.5		5.5	9.5				5.5	7.5		8.5		8.5		4.5	3.5
5- 6	4.0		3.5	8.5			1.5	8.5	9.5		2.5	8.5	2.5			5.5	8.5	7.0		5.5	9.5	2.0	1.5
6- 7			2.5		9.5		5.5	4.0	8.0	6.5	10.5	7.0			5.5	3.5	5.5	5.5	6.5	3.0	6.5	10.0	5.5
7- 8		3.0	1.5				9.5	9.0	6.5		8.0	6.0	2.0				2.5	4.0	11.0		4.0	7.5	3.5
8- 9		4.5			9.5			4.5	5.0	8.5	5.0	5.0			5.5	10.0	10.5	2.5		8.5		5.0	1.5
9-10	2.0		11.0	9.0		10.0	4.0	9.5	3.0		2.5	4.0	2.0			8.0	7.5		5.5	6.0	9.5	2.5	5.5
10-11	4.0		10.0		9.5		8.0	5.0	1.5		10.0	2.5			5.5	5.5	4.5	11.0	10.0	3.5	7.0	10.5	3.5
11-12			8.5							7.0	7.5	1.5	1.5			3.5	2.0	9.5			4.5	8.0	1.5
12-13		3.0	7.5				2.5	5.5	9.5		4.5				5.5		9.5	8.0	4.5	9.0	2.0	5.5	5.5
13-14		4.5	6.5	10.0			6.5		8.0	9.5	2.0	11.0				10.0	6.5	6.5	9.0	6.5	10.0	2.5	3.5
14-15	2.0		5.5			10.0		6.0	6.5	6.0	10.0	9.5			5.0	8.0	4.0	5.0		3.5	7.5		1.5
15-16	3.5		4.5					1.5	5.0		7.0	8.5				6.0		3.5	3.5		4.5	8.0	5.5
16-17			3.5				5.0	6.5	3.0	8.0	4.5	7.5			5.0	3.5	8.5	2.5	8.0	9.0	2.0	5.5	3.5
17-18		2.5	2.5	10.5			9.0	2.0	1.5		1.5	6.0		4.0		1.5	5.5			6.5	10.0	3.0	1.5
18-19		4.5	1.5	8.0				7.5			9.5	5.0			5.0	10.5	3.0	10.5	2.5	4.0	7.5		5.5
19-20	2.0					10.0	3.5	2.5	9.5	6.5	7.0	4.0				8.0		9.5	7.0		5.0	8.5	3.5
20-21	3.5		11.0				7.5	8.0	8.0		4.0	3.0	5.0		5.0	6.0	7.5	8.0		9.5	2.5	6.0	1.5
21-22			10.0					3.0	6.5	9.0		1.5		3.5		4.0	5.0	6.5		7.0	10.5	3.5	5.5
22-23		2.5	9.0	8.5			1.5	8.5	5.0		9.0		4.5		5.0	2.0	2.0	5.0	6.0	4.5	8.0		3.5
23-24		4.5	8.0				6.0	4.0	3.0		6.5	11.0				10.5	9.5	3.5	10.5	1.5	5.5	9.0	1.5
24-25	1.5		7.0			9.5		9.0	1.5	7.5	3.5	10.0	4.0		5.0	8.5	7.0	2.0		10.0	2.5	6.5	5.5
25-26	3.5		6.0					4.5	11.0			8.5		3.5		6.5	4.0		5.0	7.0		3.5	3.5
26-27	5.0		4.5	9.5			4.0	9.5	9.5	10.0	9.0	7.5	4.0		5.0	4.0		10.5	9.5	4.5	8.0		1.5
27-28		2.5	3.5				8.5	5.0	8.0	6.0	6.0	6.5				2.0	9.0	9.0		2.0	5.5	9.0	5.5
28-29		4.0	2.5						6.5		3.5	5.5	3.5		5.0	11.0	6.0	7.5	4.0	10.0	3.0	6.5	3.5
29-30	1.5		1.5			9.5	2.5	5.5	4.5	8.5		4.0		3.5		8.5	3.0	6.0	8.5	7.5		4.0	1.5
30-31	3.0			10.0			7.0		3.0		8.5	3.0	3.0		5.0	6.5		4.5		5.0	8.5		5.5

	SZ	UU	DG	DH	GO	RR	SS	ST	TV	WW	AA	VY	SZ	SZ	SZ	RR	RZ	ST	AV	BH	DF	RV	TU
	HYA	HYA	HYA	HYA	HYA	LEO	LEO	LEO	LEO	LEO	LEO	LMI	LYN	LYN	LYN	LYR	LYR	OPH	PEG	PEG	SER	UMA	UMA
MAX	10.6	10.7	11.6	11.4	11.6	10.0	10.5	10.8	11.5	11.0	11.3	13.6	9.1	9.1	9.1	7.1	10.0	11.3	9.9	10.0	11.4	10.1	9.2
MIN	11.7	12.3	12.6	12.6	12.2	11.7	12.0	12.3	12.6	12.0	12.4	14.6	9.6	9.6	9.6	8.1	12.0	12.7	10.9	10.8	13.0	11.2	10.2
RISE	2	2	3	2	3	2	2	2	2	3	2	2	1	1	1	2	2	3	2	3	2	3	3
0- 1	2.0	5.5			4.0				2.5		5.0			2.0	4.5	11.0	4.0	4.0	8.5		3.0	8.5	
1- 2	3.5						5.0			1.5				4.0			4.5					7.0	
2- 3					1.5	5.5			3.0				3.0	6.0		3.5	5.0	10.0	7.5		8.0	5.5	3.5
3- 4						3.5	2.0	7.5			4.5		5.0		2.0	7.0	5.5	7.5		10.5	5.0	4.0	6.0
4- 5								6.5	3.0	2.0					4.0	10.0	6.0	5.0			2.0	2.5	9.0
5- 6								5.5				2.0		3.5	6.0		6.5			8.5	9.5		
6- 7						7.5	5.0	4.5	3.5		4.5	3.5	2.5	5.5		3.0	7.0				6.5	10.5	
7- 8	1.5				4.0	5.0		3.5		2.5		4.5	4.5		1.5	6.0	7.5	9.0	9.0		3.5	9.0	3.5
8- 9	3.0	2.5				3.0	2.5	2.5	4.0			6.0	6.5		3.5	9.0	8.0	6.5				7.5	6.5
9-10		3.5			1.5						4.5	7.0		3.0	5.5		8.5	4.0	8.0		8.0	6.0	
10-11		4.5							4.5	2.5			2.0	5.0			9.0				5.0	4.5	
11-12		6.0				7.0	5.5						4.0			5.5	9.5	10.0	7.0		2.0	3.0	1.5
12-13			1.5			4.5			5.0		4.0		6.0		3.0	8.5	10.5	7.5		10.0	9.5		4.0
13-14				4.5		2.0	2.5			3.0				2.5	5.0		11.0	5.5			6.5	11.0	7.0
14-15				4.0	4.0			7.5	5.5				1.5	4.5						8.0	3.5	9.5	
15-16	3.0		2.0	3.5				6.5			4.0	2.0	3.5	6.5		4.5						8.0	
16-17	4.5			2.5	1.5	6.0	5.5	5.5	6.0	3.5		3.0	5.5		2.5	7.5		9.0	8.5		8.0	6.5	2.0
17-18				2.0		4.0		4.5				4.5		1.5	4.5	11.0		6.5			5.0	5.0	4.5
18-19			2.5	1.5		1.5	3.0	3.0	6.5		4.0	6.0		4.0	6.5			4.0	7.5		2.0	3.5	7.5
19-20		2.5						2.0		3.5		7.0	3.0	6.0		3.5				11.0	9.5	2.0	
20-21		3.5							7.0				5.0		2.0	7.0		10.5			6.5		
21-22		4.5	3.0		4.0	5.5	6.0				4.0				4.0	10.0	3.0	8.0		9.0	3.5	10.0	2.5
22-23	2.5	6.0				3.5				4.0				3.0	6.0		3.5	5.5				8.5	5.0
23-24	4.0				1.5		3.0						2.5	5.5		3.0	4.0		9.5		8.0	7.0	8.0
24-25			3.5								3.5		4.5		1.5	6.0	4.5				5.0	5.5	
25-26						7.5		7.5		4.5		2.0	6.5		3.5	9.5	5.0	9.0	8.0		2.0	4.0	
26-27						5.0	6.5	6.5				3.0		2.5	5.5		5.5	7.0			9.5	2.5	3.0
27-28			3.5			3.0		5.0			3.5	4.5	2.0	4.5			6.0	4.5	7.0		6.5		5.5
28-29					4.0		3.5	4.0		4.5	8.0	5.5	4.0			5.5	6.5		10.5		3.5	10.5	8.5
29-30	2.0							3.0				7.0	6.0		3.0	8.5	7.0	10.5				9.0	
30-31	4.0	2.5	4.0		1.5	7.0		2.0			3.5			2.0	5.0		7.5	8.0		8.5	8.0	7.5	