

MAS RR Lyrae Ephemeris for March 2024

all times in U.T.

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	SW	XX	AT	TZ	BH	RS	ST	SW	SZ	TV	TW	UU	UY	UY	RW	TT	VZ	VZ	KV	SS	RR	RV	RZ
	AND	AND	AND	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CNC	CNC	CNC	CNC	CVN	CET	CET	CET
MAX	9.3	10.3	10.8	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	7.2	7.2	11.9	11.2	9.3	10.3	11.2
MIN	10.8	11.6	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	7.9	7.9	13.0	12.5	10.3	11.2	12.4
RISE	2	3	3	2	2	2	3	2	2	3	2	1	2	3	2	3	1	1	2	2	2	3	2
0- 1				4.0		3.0		7.5	8.5					5.0	10.5	4.5	5.5	1.5	3.5				1.5
1- 2			0.5	8.0	6.5	6.5	3.5	8.0	9.5	6.0	3.5		4.0			7.5	7.5	3.0	4.0	10.5			
2- 3	1.0			3.0	4.5		9.5	8.5	11.0	4.5	5.0	9.5	11.5	2.0	1.5		0.5	5.0	4.0	9.5			
3- 4			11.5	7.0	2.5	3.5		9.5	12.0	3.0	6.5	7.5	3.0	3.5	4.0		2.0	6.5	4.0	8.5			
4- 5				2.0		7.0	6.0	10.0		1.5	8.0	5.5	10.5	5.0	6.0	3.0	4.0	8.0	4.0	7.5			
5- 6		1.0		6.0			12.0	10.5			10.0	3.5			8.5	6.0	5.5	1.5	4.0	6.5			
6- 7	0.5			1.0	7.0	4.0		11.5		6.0	11.5		9.0	2.0	11.0	9.0	7.0	3.0	4.5	5.5			
7- 8				5.0	5.0	7.0	9.0	12.0	4.0	4.5		10.5		3.5				4.5	4.5	4.5			
8- 9				9.5	3.0				5.0	3.0		8.0	8.0	5.0	2.0	1.5	2.0	6.5	4.5	3.0			
9-10			1.0	4.0	0.5	4.5	5.5		6.0	1.5	3.0	6.0		0.5	4.5	4.5	3.5	8.0	4.5	2.0			
10-11		2.5		8.5		7.5	11.5		7.0		4.5	4.0	7.0	2.0	6.5	7.5	5.5	1.0	4.5				
11-12			12.0	3.0				2.0	8.0	6.0	6.5			3.5	9.0		7.0	3.0	5.0		1.5		
12-13				7.5	5.5	5.0	8.5	3.0	9.0	4.5	8.0	11.0	5.5	5.5				4.5	5.0	10.5			
13-14				2.0	3.0	8.0		3.5	10.5	3.0	9.5	9.0		0.5		3.5	2.0	6.0	5.0	9.5		1.5	
14-15				6.5	1.0		5.0	4.0	11.5	1.5	11.0	7.0	4.5	2.0	2.5	6.5	3.5	8.0	5.0	8.5			
15-16				1.0		5.5	11.0	5.0	12.5		12.5	4.5	12.0	4.0	5.0		5.5	1.0	5.0	7.5			
16-17				5.5		8.5		5.5		6.0			3.5	5.5	7.0		7.0	2.5	5.5	6.5	1.0		
17-18	2.0		1.5		5.5		8.0	6.0		4.5	3.0		10.5	0.5	9.5	2.0		4.5	5.5	5.5			
18-19		1.0		4.5	3.5	6.0		6.5	3.5	3.0	4.5	9.5		2.5		5.0	2.0	6.0	5.5	4.5		1.0	
19-20				8.5	1.5	9.0	4.5	7.5	4.5	1.5	6.0	7.5	9.5	4.0	1.0	8.0	3.5	7.5	5.5	3.5			
20-21				3.5		3.0	10.5	8.0	5.5		7.5	5.5		5.5	3.0		5.0	1.0	5.5	2.5			
21-22	1.5			7.5		6.5		8.5	6.5	6.0	9.0	3.5	8.5	1.0	5.5	0.5	7.0	2.5	5.5	1.5	0.5		
22-23				2.5	6.0		7.5	9.5	7.5	4.5	10.5			2.5	7.5	3.5	8.5	4.0	6.0				0.5
23-24		2.5		6.5	4.0	3.5		10.0	8.5	3.0	12.0	10.0	7.0	4.0	10.0	6.5	1.5	6.0	6.0	10.5		1.0	1.0
24-25			11.0	1.5	2.0	7.0	4.0	10.5	10.0	1.5		8.0		6.0			3.5	7.5	6.0	9.5			1.5
25-26	1.0		2.0	5.5			10.0	11.5	11.0			2.5	6.0	6.0	1.0	1.5		5.0	0.5	6.0	8.5		
26-27						4.0		12.0	12.0	6.0	4.0	4.0		2.5	3.5	2.5	6.5	2.5	6.0	7.5			
27-28				4.5	6.5	7.0	6.5			4.5	5.5		5.0	4.5	6.0	5.5	8.5	4.0	6.5	6.5			
28-29				8.5	4.5					3.0	7.0	10.5	12.0	6.0	8.0	8.5	1.5	6.0	6.5	5.5		0.5	
29-30				3.5	2.5	4.5	3.5			1.5	8.5	8.5	4.0	1.0	10.5		3.0	7.5	6.5	4.5			
30-31				7.5		7.5	9.5	2.0	4.0		10.0	6.5	11.0	3.0		1.0	5.0	0.5	6.5	3.5			

	TY	S	XX	XZ	DM	RW	XZ	RX	SV	BB	RX	RR	GQ	TW	VX	VZ	AR	DL	DY	DY	DY	LS	SZ
	CET	COM	CYG	CYG	CYG	DRA	DRA	ERI	ERI	ERI	FOR	GEM	GEM	HER	HER	HER	HER	HER	HER	HER	HER	HER	HYA
MAX	11.4	10.9	11.4	9.1	11.2	11.0	9.6	9.2	9.6	10.9	11.1	10.7	13.6	10.5	9.9	10.7	10.6	11.0	10.2	10.2	10.2	10.8	10.6
MIN	11.9	12.1	12.5	10.5	12.7	12.0	10.3	10.1	10.2	11.9	12.5	11.9	14.6	11.8	10.4	12.0	11.6	12.4	10.6	10.6	10.6	11.1	11.7
RISE	3	3	1	3	2	2	3	3	5	2	2	2	2	2	2	2	2	1	1	1	1	2	2
0- 1		12.0		6.5		3.5	3.0		2.5	3.0		1.0		6.0		6.5	7.5	9.0			8.5		1.5
1- 2		2.0	6.5				1.5					5.5			9.0		6.0		9.5		6.0		3.0
2- 3	1.5	6.5				8.5	0.5	3.0				0.5	2.5	6.0	6.5		4.5		7.0	10.5		5.5	5.0
3- 4	1.0	10.5	7.0			6.0	11.0					5.5	6.0			8.5	3.0	8.0		8.0			6.5
4- 5						3.0	10.0			3.0				6.0		5.5						9.0	8.5
5- 6		4.5	7.5	9.5			8.5	1.5	2.5			5.0							10.0		6.0	5.5	
6- 7		9.0		8.0		8.0	7.5				1.5		2.5	6.0	9.0	10.5	10.0	7.0	7.0				
7- 8			8.0	6.5		5.5	6.5					4.5	6.0		7.0	7.5	8.5	11.5		8.0			1.0
8- 9		3.0				2.5	5.0			2.5				6.0			7.0			5.5	9.0	5.5	2.5
9-10		7.5	8.5			10.5	4.0				1.0	4.5					5.5		10.0		6.5		4.5
10-11		11.5				8.0	3.0		2.5			9.0	2.5			9.5	4.0	10.5	7.5				6.5
11-12		1.5	9.5			5.0	2.0					4.0	6.0		9.5	6.5				8.5		5.5	8.0
12-13		5.5		9.5	9.5	2.5	0.5	2.5		2.5	0.5	8.5			7.0					6.0	9.5		
13-14		10.0		8.0		10.5	11.0					3.5					11.0	9.5	10.5		7.0		
14-15	1.0		5.0	6.5		7.5	10.0					8.5	2.5			8.5	9.5		8.0			5.5	0.5
15-16		4.0	0.5			5.0	9.0	1.0	2.0			3.5	5.5			5.5	8.0			9.0			2.5
16-17		8.0	6.0			2.0	7.5			2.0		8.0			9.5		7.0	8.5		6.0	10.0		4.0
17-18		12.5				10.0	6.5					3.0			7.5	10.5	5.5				7.0	5.5	6.0
18-19		2.5	6.5			7.0	5.5					7.5	2.0			7.5	4.0		8.0				7.5
19-20		6.5		9.5		4.5	4.5	3.5				2.5	5.5					7.5		9.0			
20-21		11.0	7.0	8.0		1.5	3.0		2.0	2.0		7.5						12.0		6.5	10.0		
21-22		1.0		6.5		9.5	2.0					2.5			9.5	9.5	11.0				7.5		
22-23		5.0	7.5			7.0	1.0	2.0				7.0	2.0		7.5	7.0	9.5	6.5	8.5				2.0
23-24		9.0				4.0	11.0					2.0	5.5		5.5		8.0	11.0	6.0	9.5			3.5
24-25			8.0				10.0			1.5		6.5					6.5			7.0	10.5		5.5
25-26	1.0	3.5			10.0	9.5	9.0	0.5	2.0			2.0				8.5	5.0				8.0		7.5
26-27		7.5	8.5	9.5		6.5	8.0					6.5	2.0		10.0	6.0	3.5	10.0	9.0				
27-28		11.5		8.0		4.0	6.5					1.5	5.0		8.0				6.0	10.0			
28-29		2.0	9.0	6.5			5.5			1.5		6.0			5.5					7.0			
29-30		6.0				9.0	4.5	3.0				1.0				8.0	10.5	9.0			8.0		1.5
30-31		10.0	9.5			6.0	3.5		2.0			5.5	1.5			5.0	9.0		9.0				3.5

	UU	DG	DH	GO	RR	SS	ST	TV	WW	AA	VY	U	SZ	SZ	SZ	RR	RZ	ST	BH	DF	RV	TU
	HYA	HYA	HYA	HYA	LEO	LEO	LEO	LEO	LEO	LEO	LMI	LEP	LYN	LYN	LYN	LYR	LYR	OPH	PEG	SER	UMA	UMA
MAX	10.7	11.6	11.4	11.6	10.0	10.5	10.8	11.5	11.0	11.3	13.6	9.8	9.1	9.1	9.1	7.1	10.0	11.3	10.0	11.4	10.1	9.2
MIN	12.3	12.6	12.6	12.2	11.7	12.0	12.3	12.6	12.0	12.4	14.6	11.1	9.6	9.6	9.6	8.1	12.0	12.7	10.8	13.0	11.2	10.2
RISE	2	3	2	3	2	2	2	2	3	2	2	2	1	1	1	2	2	3	3	2	3	3
0- 1	8.0		1.5	9.0	6.0		2.0	4.5	6.0		4.0		8.5	2.5	5.5		7.0				10.0	10.0
1- 2	9.0	8.5	1.0	0.5	4.0	7.0	1.0			4.0	5.5		1.5	4.5	7.5	9.0	7.5					8.5
2- 3		2.5		7.0	1.5		11.5	4.5	1.5	8.5	6.5		3.5	6.5	1.0	12.0	8.0	9.0		8.5	7.0	2.0
3- 4					10.0	4.0	10.5		6.5		8.0	3.5	5.5	8.5	3.0		9.0			5.5	5.5	5.0
4- 5				5.0	8.0	10.5	9.5	5.0		4.0	9.0		8.0	2.0	5.0		9.5				4.0	7.5
5- 6	1.0	3.0			5.5	1.5	8.5		2.0	8.5	10.5		1.0	4.0	7.0	8.0	10.0			10.0	2.5	10.5
6- 7	2.5			2.5	3.5	7.5	7.0	5.5	7.0			1.0	3.0	6.0		11.5	10.5	10.5		7.0	1.0	
7- 8	3.5			9.0	1.0		6.0			3.5			5.0	8.0	2.5		11.0	8.0			10.5	2.5
8- 9	4.5	3.5		0.5	9.5	4.5	5.0	6.0	2.0	8.5	1.5		7.0	1.5	4.5		11.5				9.0	5.5
9-10	5.5		8.5	7.0	7.5	10.5	4.0		7.0		2.5		0.5	3.5	6.5	7.5	12.0			8.5	7.5	8.0
10-11	7.0		8.0		5.0	1.5	3.0	6.5		3.5	4.0	2.5	2.5	5.5	8.5	10.5				5.5	6.0	11.0
11-12	8.0	4.0	7.0	5.0	3.0	7.5	2.0		2.5	8.0	5.5		4.5	7.5	2.0			9.0	12.5		4.5	
12-13	9.0		6.5		0.5		1.0	7.0	7.5		6.5		6.5	1.0	4.0					10.0	3.0	3.0
13-14			6.0	2.5	9.0	4.5	11.5			3.5	8.0	0.5		3.0	6.0					7.0	1.5	5.5
14-15		4.5	5.5		7.0	11.0	10.0	7.5	3.0	8.0	9.0		2.0	5.0	8.0	9.5				4.0	11.0	8.5
15-16			5.0	0.5	4.5	2.0	9.0		8.0		10.5		4.0	7.0	1.0			10.5			9.5	11.5
16-17	1.0		4.5	7.0	2.0	8.0	8.0	8.0		3.0			6.0		3.5			8.0		8.5	8.0	0.5
17-18	2.5	4.5	4.0		11.0		7.0		3.0	8.0		2.0	8.0	2.5	5.5					5.5	6.5	3.5
18-19	3.5		3.5	5.0	8.5	5.0	6.0	8.5	8.0		1.5		1.5	4.5	7.5	9.0					5.0	6.0
19-20	4.5		3.0		6.0	11.0	5.0			3.0	2.5		3.5	6.5	0.5	12.0				10.0	3.5	9.0
20-21	6.0	5.0	2.5	2.5	4.0	2.0	4.0	8.5	3.5	7.5	4.0		5.5	8.5	2.5			9.5		7.0	2.0	11.5
21-22	7.0		2.0		1.5	8.0	3.0		8.5		5.0		7.5	2.0	5.0					4.0		1.0
22-23	8.0		1.5	0.5	10.0		2.0	9.0		3.0	6.5		1.0	4.0	7.0	8.0	7.0				10.0	4.0
23-24	9.0	5.5	1.0	7.0	8.0	5.5		1.5	4.0	7.5	7.5		3.0	6.0		11.5	7.5			8.5	8.5	6.5
24-25					5.5	11.5	11.0	9.5	9.0		9.0	1.5	5.0	8.0	2.0		8.0	10.5		5.5	7.0	9.5
25-26				5.0	3.5	2.5	10.0	2.0		2.5	10.0		7.0	1.5	4.0		8.5	8.5			5.5	12.0
26-27		6.0			1.0	8.5	9.0	10.0	4.0	7.5	11.5		0.5	3.5	6.5	7.5	9.0			10.0	4.0	1.5
27-28	1.0			2.5	9.5		8.0	2.0	9.0	12.0			2.5	5.5	8.5	10.5	9.5			7.0	2.5	4.5
28-29	2.5				7.5	5.5	7.0	10.5		2.5	1.5	3.5	4.5	7.5	1.5		10.0			4.0	1.0	7.0
29-30	3.5	6.5		0.5	5.0		6.0	2.5	4.5	7.0	2.5		6.5	1.0	3.5		10.5	9.5			10.5	10.0
30-31	4.5	0.5		7.0	3.0	2.5	5.0		9.5	12.0	4.0		8.5	3.0	5.5		11.0			9.0	9.0	