

	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	6.5	1.5				2.5		2.5	8.0	8.0	9.0	1.5	1.5							1.0		
1- 2	7.5		7.0	9.0	0.5		7.5	8.5	2.0			6.5	4.5				4.5	1.0			2.5		
2- 3	4.5	10.5		7.0	4.0	1.5				5.5	7.0						3.0	2.5			4.0	10.5	
3- 4	2.0	4.0	3.5	5.0	7.5	4.0	3.5						2.0	4.5	0.5		1.5	4.0	5.0		6.0		11.5
4- 5	9.5		9.0	3.0		6.5	9.0	3.0	11.0	3.0					1.0				2.5		1.0		
5- 6	7.0	8.0		1.5	0.5	9.0			10.0	9.5		9.5		1.0	2.0				0.5		2.5		
6- 7	4.0	1.5	5.5		4.0		4.5	5.0	9.0			7.0	2.0		2.5		4.5				4.5		
7- 8	1.5		11.0	8.5	7.5	1.0	10.0		8.0	7.0	9.0	5.0			3.0	1.0	3.0				6.0		10.0
8- 9	9.0	5.5	1.5	6.5		3.5		7.0	7.5					4.0	4.0	2.0	1.5			2.0	1.0	11.0	
9-10	6.5		7.5	4.5	0.5	6.0	5.5		6.5	4.5	8.0		2.5			3.0		0.5	3.5		3.0		
10-11	3.5	9.5		2.5	4.0	8.5		9.0	5.5			9.5		0.5				2.0	1.5	1.0	4.5		
11-12	1.0	3.0	4.0	0.5	7.5		1.5	1.5	4.5		7.0	7.5					4.5	3.5			6.0		
12-13	8.5		9.5				6.5		4.0	8.5		5.5	3.0				3.0				1.5		12.0
13-14	6.0	7.0		7.5	0.5	2.5		3.5	3.0					3.5			1.5				3.0		
14-15	3.0		6.0	5.5	4.0	5.0	2.5		2.0	6.5									4.0		4.5	11.5	
15-16		11.0	11.5	4.0	7.5	7.5	8.0	5.5				10.0	3.5						2.0		6.0		
16-17	8.0	4.5	2.0	2.0						4.0		8.0					4.5				1.5		10.5
17-18	5.5		8.0		0.5		3.5	7.5				6.0	1.0				3.0				3.0		
18-19	2.5	8.5		9.0	4.0	2.0	9.0		10.0		8.5		4.0	2.5		0.5	1.5	2.0			4.5		
19-20	10.5	1.5	4.0	7.0	7.5	4.5		9.5	9.5	8.0						1.5		3.5	4.5		6.5	9.5	
20-21	8.0		10.0	5.0		7.0	4.5	2.0	8.5		7.5	10.5	1.5			2.5		5.0	2.5		1.5	12.0	
21-22	5.0	5.5	0.5	3.0	0.5	9.0			7.5	5.5		8.5	4.5	5.5		4.0	4.5			2.5	3.0		
22-23	2.0		6.5	1.0	4.0			4.0	6.5			6.5			0.5		3.0				5.0		
23-24	10.0	9.5	12.0		7.5	1.0	6.0		6.0	3.5			1.5	2.0	1.0		1.5			1.5			
24-25	7.5	3.0	2.5	8.0		3.5		6.0	5.0						2.0						1.5		
25-26	4.5		8.5	6.5		6.0	1.5		4.0			11.0			2.5				3.0		3.5	10.0	11.0
26-27	2.0	7.0		4.5	4.0	8.5	7.0	8.0	3.0	7.5		9.0	2.0	5.0	3.0		4.5	1.5	1.0		5.0		
27-28	9.5		4.5	2.5	7.5				2.5		8.5	6.5			4.0		3.0	3.0					
28-29	7.0	11.0	10.5				2.5	10.0		5.0				1.5			1.5	4.5			2.0		
29-30	4.0	4.5	1.0			2.5	8.0	2.5			7.5		2.5								3.5		9.5

	SS	RV	RZ	VW	YZ	AN	RR	RU	RV	RX	RZ	TY	UU	S	XX	XZ	DM	RW	XZ	RX	SV	BB	RX
	CVN	CAP	CAP	CAP	CAP	CAP	CET	CET	CET	CET	CET	CET	CET	COM	CYG	CYG	CYG	DRA	DRA	ERI	ERI	ERI	FOR
MAX	11.2	10.2	12.5	12.6	11.0	12.0	9.3	10.8	10.3	11.0	11.2	11.4	11.5	10.9	11.4	9.1	11.2	11.0	9.6	9.2	9.6	10.9	11.1
MIN	12.5	11.6	13.5	13.5	11.6	13.0	10.3	12.1	11.2	11.7	12.4	11.9	12.4	12.1	12.5	10.5	12.7	12.0	10.3	10.1	10.2	11.9	12.5
RISE	2	2	3	2	3	5	2	3	3	3	2	3	3	3	1	3	2	2	3	3	5	2	2
0- 1		2.5		1.0	2.0		4.0	10.0	12.0			5.0	7.0		1.0	9.0	6.5	8.0	1.0				
1- 2			5.0	7.5	4.5		6.5								6.0	7.5	2.5	5.5	11.5		8.0	10.0	
2- 3				6.0		1.5	9.0	4.5	8.5	6.5			3.0		1.5	6.0	9.0	3.0	10.0	11.0			8.5
3- 4		6.0	5.0	4.5	2.5		11.5	8.5		10.0			8.0		6.5	4.0	5.0		9.0		11.5		
4- 5		3.5		3.0	4.5	5.0			5.5						2.0	2.5	1.0	8.0	8.0				
5- 6		1.0	5.0	2.0			3.5		11.5	3.5			3.5		7.0	1.0	7.5	5.0	7.0	9.5		9.5	8.5
6- 7					2.5		6.0	7.0		7.0			8.5		2.5	10.5	3.5	2.5	5.5		8.0		
7- 8	4.0	6.5	5.5	6.5	5.0	1.5	8.5	11.0	8.5	10.5	5.0				7.5	9.0	10.0		4.5				
8- 9	3.0	4.0	0.5	5.5			11.0				5.5	7.0	4.5	1.0	3.0	7.5	6.0	7.5	3.5	8.0	11.5		8.0
9-10	1.5	1.5	5.5	4.0	2.5	4.5		5.5	5.5	3.5	6.0	6.5	9.5		8.5	6.0	2.0	5.0	2.5			9.5	
10-11	0.5		0.5	2.5	5.0			9.5	11.5	7.0	6.5	6.0			3.5	4.0	8.5	2.0	1.0				
11-12		7.0	5.5	1.0	0.5		5.5			11.0	7.0	5.0	5.0		9.0	2.5	4.5				8.0		7.5
12-13		4.5	1.0	7.5	3.0	1.0	8.0	3.5	8.0		7.5		10.0		4.0	1.0	0.5	7.5	10.5	10.5			
13-14		2.0	5.5	6.0	5.0		10.5	8.0		4.0	8.0				9.5	10.5	7.0	4.5	9.0		11.0	9.0	
14-15			1.0	4.5	1.0	4.5		12.0	5.0	7.5	8.5		6.0		5.0	9.0	3.0	2.0	8.0				7.5
15-16		8.0	6.0	3.0	3.0				11.0	11.0	9.0		11.0	1.5		7.5	9.5		7.0	9.0			12.0
16-17		5.5	1.0	2.0	5.5		5.0	6.0			9.5				5.5	5.5	5.5	7.0	6.0		8.0		
17-18		3.0	6.0		1.0	1.0	7.5	10.0	8.0	4.5	10.0		6.5		0.5	4.0	1.5	4.0	4.5			9.0	7.0
18-19	4.0		1.0	6.5	3.5		10.0			8.0	10.5				6.0	2.5	8.0	1.5	3.5	7.5	11.0		11.5
19-20	3.0		6.0	5.5	5.5	4.0		4.5	4.5		11.0	7.5			1.5	1.0	4.0		2.5	11.5			
20-21	2.0	6.0	1.5	4.0	1.5			8.5	10.5		11.5	6.5	7.0		6.5	10.5		6.5	1.5				6.5
21-22	1.0	3.5	6.0	2.5	3.5		4.5			5.0	12.0	6.0			2.0	9.0	6.5	4.0			7.5	8.5	11.5
22-23		1.0	1.5	1.0	6.0	0.5	7.0		7.5	8.5		5.5	3.0		7.0	7.5	2.5	1.0	10.5	10.0			
23-24			6.5	7.5	1.5		9.5	7.0					8.0		2.5	5.5	9.0	9.0	9.5		11.0		
24-25		7.0	1.5	6.0	3.5	4.0	12.0	11.0							7.5	4.0	5.0	6.5	8.0				11.0
25-26		4.5	6.5	4.5	6.0				10.5	5.0			3.5	1.0	3.0	2.5	1.0	3.5	7.0	8.5		8.5	
26-27		2.0	1.5	3.0	1.5		4.0	5.5		9.0			8.5		8.0	1.0	7.5	1.0	6.0		7.5	12.0	
27-28			6.5	2.0	4.0		6.5	9.5	7.0						3.5	10.5	3.5	8.5	5.0				10.5
28-29		7.5	2.0		6.0		9.0						4.5		8.5	9.0	9.5	6.0	3.5		11.0		
29-30		5.0	6.5	6.5	2.0	4.0	11.5	3.5		5.5			9.5		4.0	7.5	6.0	3.0	2.5	11.5		8.0	

	SS	RR	GQ	TW	VX	VZ	AR	DL	DY	DY	DY	LS	SZ	UU	DH	GO	WW	VY	U	SZ	SZ	SZ	RR
	FOR	GEM	GEM	HER	HER	HER	HER	HER	HER	HER	HER	HER	HYA	HYA	HYA	HYA	LEO	LMI	LEP	LYN	LYN	LYN	LYR
MAX	9.4	10.7	13.6	10.5	9.9	10.7	10.6	11.0	10.2	10.2	10.2	10.8	10.6	10.7	11.4	11.6	11.0	13.6	9.8	9.1	9.1	9.1	7.1
MIN	10.6	11.9	14.6	11.8	10.4	12.0	11.6	12.4	10.6	10.6	10.6	11.1	11.7	12.3	12.6	12.2	12.0	14.6	11.1	9.6	9.6	9.6	8.1
RISE	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	3	3	2	2	1	1	1	2
0- 1	6.5		10.5	3.5					3.5			2.5		11.5									
1- 2	6.0					6.5		0.5	0.5	4.5		1.0	11.5		11.5				11.5		8.0		
2- 3	6.0			3.5	4.5	3.5		5.0		1.5		4.5											3.5
3- 4	5.5				2.0	0.5	6.0				2.5	2.5				12.0							6.5
4- 5			10.5	3.5			5.0		3.5			1.0							9.0			8.5	
5- 6		9.5				5.5	3.5	4.0	1.0	4.5		4.5									7.5		
6- 7				3.5		2.5	2.0			2.0		2.5						9.5					2.5
7- 8		9.0			4.5						3.0	1.0						11.0		8.5			6.0
8- 9			10.5	3.0	2.5			3.0	4.0			4.5							11.0			7.5	9.0
9-10		9.0				4.5			1.5	5.0		2.5											
10-11				3.0		1.5				2.5		1.0				12.0							2.0
11-12		8.5					6.0	2.0			3.5	4.5		11.5					8.5	8.0			5.0
12-13			10.5	3.0	4.5	6.5	4.5		4.5		0.5	3.0										7.0	8.5
13-14		8.0			2.5	3.5	3.0		1.5			1.0											
14-15				3.0		1.0	1.5	1.0		2.5		4.5									8.5		1.0
15-16		8.0						5.5			3.5	3.0							10.5	7.5			4.5
16-17			10.0	3.0		5.5			4.5		1.0	1.0					10.5	9.5					7.5
17-18		7.5			5.0	3.0			2.0			4.5				12.0		11.0					
18-19				3.0	3.0			4.5		3.0		3.0								8.0	8.0		
19-20					0.5		5.5				4.0	1.0					11.0		12.0				3.5
20-21			10.0	3.0		5.0	4.5		5.0		1.5	4.5											6.5
21-22						2.0	3.0	3.5	2.5			3.0										8.0	
22-23				3.0	5.0		1.5			3.5		1.0		11.5			11.5		9.5		7.5		
23-24					3.0	6.5				0.5	4.0	4.5			11.5								2.5
24-25			10.0	3.0	1.0	4.0		2.5			1.5	3.0				12.0				8.5			6.0
25-26						1.0			2.5			1.0					12.0					7.5	9.0
26-27				3.0						3.5		4.5						9.5	11.5				
27-28					5.5	6.0	5.5	1.5		1.0	4.5	3.0						11.0					2.0
28-29			9.5	3.0	3.0	3.0	4.0	6.0			2.0	1.0								8.0			5.0
29-30	12.0				1.0		2.5		3.0			4.5							9.0				8.5

MAS RR Lyrae Ephemeris for September 2026
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all times in U.T.

	RZ	ST	AV	BH	RU	DF	RV	TU
	LYR	OPH	PEG	PEG	SCL	SER	UMA	UMA
MAX	10.0	11.3	9.9	10.0	9.3	11.4	10.1	9.2
MIN	12.0	12.7	10.9	10.8	10.8	13.0	11.2	10.2
RISE	2	3	2	3	2	2	3	3
0- 1			8.0	1.5	5.5		2.0	
1- 2			3.0	8.5	5.5	3.5		
2- 3		3.5	7.0		5.0	0.5		
3- 4		1.0	1.5	6.5	4.5			
4- 5			5.5		4.5			
5- 6				5.0	4.0	2.5		
6- 7		5.0	4.5	11.5	3.5		4.0	
7- 8	1.0	2.5	8.5	3.0	3.5		2.5	
8- 9	1.5		3.5	9.5		4.0	1.0	
9-10	2.0		7.5	1.0		1.0		
10-11	2.5		2.5	8.0				
11-12	3.0	3.5	6.5					
12-13	3.5	1.5	1.0	6.0		2.5		
13-14	4.0		5.0				4.5	
14-15	4.5		9.5	4.0			3.0	
15-16	5.0	5.0	4.0	11.0		4.0	1.5	
16-17	5.5	2.5	8.0	2.5		1.0		0.5
17-18	6.5		3.0	9.0				
18-19	7.0		7.0					
19-20	7.5		2.0	7.0		2.5		
20-21	8.0	4.0	6.0				5.0	12.0
21-22	8.5	1.5	0.5	5.5			3.5	
22-23			4.5			4.0	2.0	
23-24			9.0	3.5	10.0	1.0		
24-25		5.0	3.5	10.5	10.0			
25-26		3.0	7.5	1.5	9.5			
26-27			2.5	8.5	9.0	2.5		
27-28			6.5		9.0			
28-29			1.5	6.5	8.5		4.0	
29-30		4.0	5.5		8.0		2.5	