MAS RR Lyrae Ephemeris for September 2017 all times in U.T.

	SW AND	XX AND	AT AND	SW AQR	TZ AQR	YZ AQR	AA AQR	BO AQR	BR AQR	DN AQR	TZ AUR	BH AUR	RS BOO	ST BOO	SW BOO	SZ BOO	TV BOO	TW BOO	UU BOO	UY BOO	UY CAM	RW CNC	TT 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	2.5	4.0	3.0	5.5	4.0	2.0	9.0		6.5			7.5	1.5	2.5	3.0						6.5		11.5
1- 2	10.5		8.5	3.5	7.5	4.5			6.0	8.0		5.5			4.0				3.5		1.5		
2- 3	7.5	8.0		1.5		7.0	5.0	3.0	5.0		8.5								1.5		3.0		
3- 4	5.0	1.5	5.0			9.5			4.0	5.5			2.0	5.0			3.5				5.0	11.0	
4- 5	2.0		10.5	8.5	4.0		1.0	4.5	3.0		7.5	10.0					2.0						10.0
5- 6	10.0	5.5	1.5	6.5	7.5	1.0	6.0		2.5	3.0		8.0		2.0				1.0			1.5		
6- 7	7.5		7.0	4.5		3.5		6.5		9.5	6.5	6.0	2.5			0.5		2.5	4.0		3.5		
7- 8	4.5	9.5		2.5		6.0	2.0									1.5		4.0	2.0		5.0		
8- 9	1.5	3.0	3.5	0.5	4.0	8.5	7.0	8.5		7.0				4.5		3.0	3.5						
9-10	9.5		9.0		7.5			1.5	10.5			10.5	3.0			4.0	2.0				2.0	11.5	11.5
10-11	7.0	7.0		8.0			3.0		9.5	5.0		8.5		1.5			0.5				3.5		
11-12	4.0		5.5	6.0		3.0	8.0	3.5	8.5		8.5	6.5							4.5	1.5	5.0		
12-13	1.5	11.0	11.0	4.0	4.0	5.5			8.0				3.5						2.5				
13-14	9.0	4.5	2.0	2.0	7.0	7.5	4.0	5.5	7.0	9.0	7.5			4.0			3.5	0.5		0.5	2.0		10.5
14-15	6.5		7.5				9.5		6.0				0.5				2.0	2.0			3.5	10.0	
15-16	3.5	8.5		9.0				7.0	5.0	6.5	6.5	9.0	4.0	1.0	0.5		0.5	3.5			5.0		
16-17	1.0	1.5	4.0	7.0	4.0	2.0	5.0		4.5			7.0			1.5								
17-18	8.5		9.5	5.0	7.0	4.5		9.0	3.5	4.0			1.0		2.0				3.0		2.0		
18-19	6.0	6.0		3.0		7.0	1.0	2.0	2.5				4.5	3.5	2.5	1.0	3.5		1.0		3.5		
19-20	3.0		6.0	1.5		9.5	6.0								3.5	2.5	2.0				5.5		
20-21		10.0	11.5		3.5			4.0		8.0	9.0	9.5	1.5		4.0	3.5	0.5				0.5	10.0	
21-22	8.0	3.0	2.5	8.5	7.0	1.0	2.0					7.0									2.0		
22-23	5.5		8.0	6.5		3.5	7.0	6.0	10.5	6.0	8.0	5.0						1.5	4.0		4.0		10.5
23-24	2.5	7.0		4.5		6.0			10.0				2.0	3.0			3.5	3.0	1.5		5.5		
24-25	10.5		4.5	2.5	3.5	8.5	3.0	8.0	9.0	3.5	7.0						2.0	5.0		2.0	0.5		
25-26	7.5	11.0	10.0	0.5	7.0		8.5		8.0			10.0					0.5				2.5		
26-27	5.0	4.5	1.0					9.5	7.0			7.5	2.5							1.0	4.0	10.5	
27-28	2.0		6.5	7.5		3.0	4.0	2.5	6.5	7.5		5.5							4.5		5.5		
28-29	10.0	8.5		5.5	3.5	5.5	9.5		5.5					2.5			3.5		2.5		1.0		
29-30	7.0	2.0	3.0	4.0	7.0	8.0		4.5	4.5	5.0	9.0		3.0			1.0	2.0				2.5		

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	KV CNC	SS CVN	RV CAP	RZ CAP	VW CAP	YZ CAP	AN CAP	RR CET	RU CET	RV CET	RX CET	RZ CET	UU CET	XX CYG	XZ CYG	DM CYG	RW DRA	XZ DRA	RX ERI	SV ERI	BB ERI	RX FOR	SS FOR
MAX	11.9	11.2	10.2	12.5	12.6	11.0	12.0	9.3	10.8	10.3	11.0	11.2	11.5	11.4	9.1	11.2	11.0	9.6	9.2	9.6	10.9	11.1	9.4
MIN	13.0	12.5	11.6	13.5	13.5	11.6	13.0	10.3	12.1	11.2	11.7	12.4	12.4	12.5	10.5	12.7	12.0	10.3	10.1	10.2	11.9	12.5	10.6
RISE	2	2	2	3	2	3	5	2	3	3	3	2	3	1	3	2	2	3	3	5	2	2	2
0- 1	9.5	1.0	6.5		3.5	3.5	5.0		5.0	6.0	7.0	7.5		2.5	6.0	3.5	8.5	3.0		7.0			
1- 2	9.5		4.0	3.5	2.0	6.0			9.0	11.5	10.5	8.0	3.5	7.5	4.0	10.0	6.0	2.0	11.0				
2- 3	9.5		1.5		1.0	1.5		4.0				8.5	9.0	3.0	2.5	6.0	3.0	0.5		10.0		8.5	
3- 4	9.5			3.5	7.0	4.0	1.0	6.5		8.5	4.0	9.0		8.0	1.0	2.0	0.5	11.0			10.5		
4- 5	10.0		7.0		5.5	6.0		9.0	7.5		7.5	9.5	4.5	3.5	10.5	8.5	8.5	10.0	9.5				
5- 6	10.0		4.5	3.5	4.5	2.0	4.5	11.5	11.5	5.5	11.0	10.0	9.5	9.0	9.0	4.5	5.5	8.5		6.5		8.0	
6- 7	10.0		2.0		3.0	4.0				11.5		10.5		4.0	7.5	1.0	3.0	7.5					
7- 8	10.0			4.0	1.5	6.5		3.5	5.5		4.0	11.0	5.0	9.5	6.0	7.0		6.5	8.0	10.0	10.0		
8- 9	10.0		8.0			2.0	1.0	6.0	10.0	8.5	7.5	11.5	10.5	4.5	4.0	3.0	8.0	5.5				7.5	
9-10	10.5	3.0	5.5	4.0	6.5	4.5		8.5			11.5	12.0			2.5	9.5	5.5	4.0					
10-11	10.5	2.0	2.5		5.0	6.5	4.5	11.0	4.0	5.0			6.0	5.5	1.0	5.5	2.5	3.0		6.5			
11-12	10.5	1.0		4.0	3.5	2.0			8.0	11.0	4.5			0.5	10.5	1.5		2.0	11.0		10.0	7.5	11.5
12-13	10.5				2.0	4.5					8.0			6.0	9.0	8.0	7.5	1.0		10.0		12.0	11.5
13-14	10.5		6.0	4.0	1.0		1.0	5.5		8.0			6.5	1.5	7.5	4.0	5.0	11.0					11.5
14-15	10.5		3.5		7.0	2.5		8.0	6.5					6.5	6.0		2.5	10.0	9.5			7.0	11.0
15-16	11.0		1.0	4.5	5.5	4.5	4.0	10.5	10.5	5.0	5.0			2.0	4.0	6.5		9.0		6.5	9.5	11.5	11.0
16-17	11.0				4.0					11.0	8.5		7.5	7.0	2.5	2.5	7.5	7.5					10.5
17-18	11.0		6.5	4.5	3.0	2.5			5.0					2.5	1.0	9.0	4.5	6.5	7.5	10.0		6.5	10.5
18-19	11.0		4.0		1.5	5.0	0.5	5.0	9.0	7.5			3.0	7.5	10.5	5.0	2.0	5.5	12.0			11.5	10.0
19-20	11.0		1.5	4.5		0.5		7.5			5.5	4.5	8.0	3.0	9.0	1.0		4.5			9.0		10.0
20-21	11.5	3.5			6.5	3.0	4.0	10.0		4.5	9.0	5.0		8.0	7.5	7.5	7.0	3.0		6.5			9.5
21-22	11.5	2.0	7.5	4.5	5.0	5.0			7.5	10.5		5.5	4.0	3.5	6.0	3.5	4.5	2.0	10.5			11.0	9.5
22-23	11.5	1.0	5.0		3.5	0.5			11.5			6.0	9.0	8.5	4.0	10.0	1.5	1.0		10.0			9.5
23-24	11.5		2.5	5.0	2.0	3.0		4.5		7.5	5.5	6.5		4.0	2.5	6.0		11.5			9.0		9.0
24-25	11.5				1.0	5.0		7.0	5.5		9.5	7.0	4.5	9.0	1.0	2.0	7.0	10.0	9.0			10.5	9.0
25-26	12.0			5.0	7.0	1.0	4.0	9.5	10.0			7.5	9.5	4.5	10.5	8.5	4.0	9.0		6.5			8.5
26-27	12.0		5.5		5.5	3.0		12.0		10.0		8.0		9.5	9.0	4.5	1.5	8.0					8.5
27-28			3.0	5.0	4.0	5.5			4.0		6.0	9.0	5.0	5.0	7.5	0.5		7.0		10.0	8.5	10.5	8.0
28-29			0.5		3.0	1.0		3.5	8.0	7.0	9.5	9.5	10.5	0.5	5.5	7.0	6.5	5.5	11.5				8.0
29-30				5.0	1.5	3.5		6.5				10.0		5.5	4.0	3.0	3.5	4.5					8.0

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

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	RZ LYR	ST OPH	AV PEG	BH PEG	KZ PUP	RU SCL	DF SER	RV UMA	TU UMA
MAX	10.0	11.3	9.9	10.0	11.3	9.3	11.4	10.1	9.2
MIN	12.0	12.7	10.9	10.8	12.8	10.8	13.0	11.2	10.2
RISE	2	3	2	3	3	2	2	3	3
0- 1	2.5	5.0	7.0		10.5				
1- 2	3.5	2.5	2.0	7.0			4.0		
2- 3	4.0		6.0		11.0		1.0	5.0	
3- 4	4.5		0.5	5.5				3.5	
4- 5	5.0		5.0		11.5			2.0	
5- 6	5.5	4.0	9.0	3.5		10.0	2.5	0.5	
6- 7	6.0	1.5	3.5	10.0	12.0	10.0			
7- 8	6.5		7.5	1.5		9.5			
8- 9	7.0		2.5	8.5		9.0			
9-10	7.5	5.0	6.5			9.0	1.0		
10-11	8.0	2.5	1.5	6.5		8.5		4.0	
11-12			5.5			8.0		2.5	
12-13				4.5		8.0	2.5	1.0	
13-14			4.5	11.5		7.5			
14-15		4.0	8.5	3.0		7.0			11.5
15-16		1.5	3.0	9.5		7.0			1.0
16-17			7.0	1.0		6.5	1.5		
17-18			2.0	7.5		6.5		4.5	
18-19		5.0	6.0			6.0		3.0	
19-20	0.5	3.0	1.0	6.0		5.5	3.0	1.5	12.0
20-21	1.5		5.0			5.5			
21-22	2.0		9.0	4.0		5.0			
22-23	2.5		4.0	11.0		4.5			
23-24	3.0	4.0	8.0	2.0		4.5	1.5		
24-25	3.5	1.5	2.5	9.0		4.0		5.0	
25-26	4.0		6.5			3.5		3.5	
26-27	4.5		1.5	7.0		3.5	3.0	2.0	
27-28	5.0	5.5	5.5					0.5	
28-29	5.5	3.0		5.5					
29-30	6.0	0.5	4.5						