MAS Eclipsing Binary Ephemeris for April 2026 all times in U.T.

	RT AND	WZ AND	XZ AND	AD AND	BD AND	BX AND	DS AND	QX AND	QX AND	RY AQR	CX AQR	XZ AQL	KO AQL	KP AQL	OO AQL	OO AQL	V342 AQL	V343 AQL	V346 AQL	RX ARI	SS ARI	SS ARI	RY AUR
MAX	9.3	11.6	10.0	11.1	11.3	8.6	10.8	11.3	11.3	8.8	10.7	9.3	8.3	9.7	9.2	9.2	9.0	10.6	9.0	9.4	10.1	10.1	11.7
MIN	10.2	12.6	13.0	11.6	11.7	9.5	11.4	11.6	11.6	10.1	12.0	11.2	9.3	10.5	10.1	10.1	12.5	12.3	10.4	9.9	11.1	11.1	14.0
DUR	3	4	3	4	3	4	4	3	3	5	3	7	5	4	3	3	7	4	4	4	3	3	6
TOT																	3						
									(S)							(S)						(S)	
0- 1			1.5			1.0			1.0						11.0								
1- 2							1.0	2.0							11.0								
2- 3						11.5	1.0								11.5								
3- 4	10.0				10.0	2.0	1.5					9.0											
4- 5					8.0		1.5												9.5				
5- 6							2.0						9.5	6.5									
6- 7																							
7- 8									1.5							7.0	9.0	11.0					
8- 9	10.5							2.0					6.5			7.5							
9-10					10.5											7.5		7.0					
10-11	8.0				8.5											8.0							
11-12				11.5												8.5						1.0	
12-13				11.5												8.5							
13-14	11.5			11.0												9.0							5.0
14-15		11.0		10.5		1.5			1.5							9.5			8.5				
15-16	8.5			10.5	10.5									9.0		9.5			11.0				
16-17				10.0	9.0											10.0							
17-18				9.5						11.5						10.5							
18-19				9.5												10.5							
19-20			1.5	9.0						10.5						11.0							
20-21	9.5			8.5								11.5				11.5		8.5					
21-22				8.5					1.5	10.0						11.5							
22-23					9.5																		
23-24					7.5						10.5												
24-25																	8.0					1.0	2.5
25-26	10.0					1.5							11.0	11.5					10.0		1.5		
26-27															7.0								
27-28	7.5							1.0							7.5								
28-29					10.0	2.5			2.0		10.5		7.5		8.0					1.0			
29-30					8.0										8.0								

	SX AUR	TT AUR	WW AUR	WW AUR	AP AUR	AP AUR	AR AUR	AR AUR	CL AUR	EM AUR	EP AUR	HP AUR	HP AUR	IM AUR	V459 AUR	V459 AUR	SS BOO	SS BOO	SS BOO	TU BOO	TU BOO	TY BOO	TY BOO
MAX	8.2	8.7	5.7	5.7	10.9	10.9	6.0	6.0	11.7	11.0	10.8	10.8	10.8	7.9	7.7	7.7	10.3	10.3	10.3	11.7	11.7	11.8	11.8
MIN	9.0	9.7	6.4	6.4	11.4	11.4	6.7	6.7	13.2	11.9	11.3	11.5	11.5	8.5	8.1	8.1	11.0	11.0	11.0	12.7	12.7	12.3	12.3
DUR	4	5	5	5	4	4	5	5	4	4	3	3	3	4	4	4	18	18	18	3	3	3	3
TOT																	6	6	6				
				(S)		(S)		(S)					(S)			(S)	(2)		(3)		(S)		(S)
0- 1					5.0						2.5									3.0	7.0	3.5	7.5
1- 2						1.5														2.5	6.0	2.5	6.5
2- 3		4.0		2.0		5.0			3.5								9.5			1.5	5.5	1.5	5.0
3- 4					1.5		2.0				1.5									1.0	5.0		4.0
4- 5					4.5						5.5		3.0	4.5	2.0						4.0	6.5	3.0
5- 6	4.5					1.0		3.5							3.5					7.5	3.5	5.5	1.5
6- 7		4.0				4.5									5.0					7.0	3.0	4.5	
7- 8				3.5	1.0		5.0		3.0		4.5									6.0	2.5	3.0	7.0
8- 9					4.5					2.5										5.5	1.5	2.0	6.0
9-10												2.5		4.0						5.0	1.0		4.5
10-11		4.0				4.0					3.5							3.0	6.0	4.0		7.5	3.5
11-12	5.5																			3.5	7.5	6.0	2.5
12-13				4.5	4.0				2.5							1.5				3.0	7.0	5.0	1.0
13-14					7.5						2.5					3.0				2.0	6.0	4.0	7.5
14-15		4.0				4.0							2.0	4.0		4.5				1.5	5.5	2.5	6.5
15-16						7.0										6.0				1.0	5.0	1.5	5.5
16-17	2.0				3.5						1.5	5.0									4.0		4.0
17-18				6.0	7.0				2.0	5.0	5.5									7.5	3.5	6.5	3.0
18-19		4.0				3.5														7.0	3.0	5.5	2.0
19-20						7.0						1.5		3.5						6.0	2.0	4.5	
20-21					3.5						4.5									5.5	1.5	3.0	7.0
21-22					6.5								4.5		2.0					5.0	1.0	2.0	6.0
22-23	3.0	4.0				3.0			1.5						3.5					4.0		1.0	4.5
23-24						6.5					3.5				5.0					3.5	7.5	7.5	3.5
24-25					3.0									3.5						3.0	6.5	6.0	2.5
25-26					6.5												5.0	8.0	11.0	2.0	6.0	5.0	1.0
26-27		4.0	2.0			3.0					2.5	4.0								1.5	5.5	4.0	
27-28						6.0															5.0	2.5	6.5
28-29	4.0				2.5					3.5											4.0	1.5	5.5
29-30					6.0						1.5			3.0		1.5				7.5	3.5		4.0

	TZ BOO	TZ BOO	UW BOO	VW BOO	VW BOO	ZZ BOO	AD BOO	AD BOO	BW BOO	BW BOO	44 BOO	44 BOO	Y CAM	SV CAM	AL CAM	AN CAM	CD CAM	CD CAM	R CMA	RT CMA	SX CMA	TU CMA	TZ CMA
MAX	10.6	10.6	10.4	10.5	10.5	6.8	9.8	9.8	7.1	7.1	4.7	4.7	10.6	8.6	10.5	9.7	11.6	11.6	6.2	11.4	10.3	9.7	9.8
MIN	11.1	11.1	11.4	11.0	11.0	7.6	10.4	10.2	7.5	7.5	4.9	4.8	12.4	9.4	11.3	10.5	11.8	11.8	6.8	12.9	11.4	10.7	10.5
DUR	3	3	3	3	3	5	4	4	5	5	3	3	6	3	5	8	5	5	4	5	4	4	4
TOT		(S)			(S)			(S)		(S)		(S)						(S)					
0- 1	4.0			3.0	7.0			1.5			1.0	4.5		4.0				3.0					
1- 2	1.0	5.0		3.5	8.0		2.5				3.0	6.0		8.5	7.5		6.5						
2- 3	6.0	2.0		4.5		4.5		3.0			4.5	1.5				10.0		10.0					
3- 4	3.0	6.5		5.0			4.0				6.5	3.0		3.5				4.5					
4- 5		4.0		5.5	1.5			5.0			1.5	5.0		8.0			8.0						
5- 6	5.0	1.5		6.5	2.0		5.5				3.5		7.5		7.0		2.5	11.5	3.5				
6- 7	2.5	6.0	1.0	7.0	3.0			6.5		6.0	5.0	2.0		2.5				6.0					
7- 8	7.0	3.5	1.0	7.5	3.5	4.0	7.5					3.5		7.0			9.5					3.0	
8- 9	4.5		1.0	8.0	4.0			8.0	4.5		2.0	5.0		11.5			3.5						
9-10	2.0	5.5	1.5		4.5		9.0				3.5			1.5	6.5			7.0					
10-11	6.5	3.0	1.5		5.5			10.0			5.5	2.0		6.0			10.5	1.5					
11-12	3.5		1.5	2.0	6.0		10.5					4.0		10.5			5.0			1.5	2.5		3.0
12-13	1.0	4.5	1.5	2.5	6.5	4.0		11.5			2.5	5.5						8.5					
13-14	5.5	2.0	1.5	3.0	7.5						4.0			5.5	6.5			3.0	2.5				
14-15	3.0	6.5	2.0	4.0	8.0						6.0	2.5		10.0			6.5						
15-16		4.0	2.0	4.5							1.0	4.5	5.5					10.0					
16-17	5.0	1.5	2.0	5.0						5.5	3.0	6.0		4.5				4.0					
17-18	2.5	6.0	2.0	6.0	1.5	3.5					4.5	1.5		9.0	6.0		7.5						
18-19	7.0	3.5	2.5	6.5	2.5				4.5		6.0	3.0					2.0	11.0					
19-20	4.5		2.5	7.0	3.0						1.5	4.5		3.5				5.5					
20-21	1.5	5.0	2.5	7.5	3.5						3.0			8.0			9.0			2.5			
21-22	6.0	2.5	2.5		4.5						5.0	1.5			5.5		3.5		1.5				
22-23	3.5		2.5		5.0	3.5						3.5		3.0				7.0					
23-24	1.0	4.5	3.0	1.5	5.5						2.0	5.0		7.5		10.0	10.5	1.5					
24-25	5.5	2.0	3.0	2.0	6.0						3.5						5.0				2.5	1.0	
25-26	3.0	6.5	3.0	3.0	7.0						5.5	2.0	3.5	2.0	5.0			8.5					
26-27		4.0	3.0	3.5	7.5					5.5		4.0		6.5				2.5					
27-28	5.0	1.5	3.5	4.0	8.0	3.5					2.5	5.5		11.0			6.0						
28-29	2.0	6.0	3.5	4.5					4.5		4.0		11.0	1.0				9.5					
29-30	6.5	3.0	3.5	5.5							6.0	2.5		5.5	5.0			4.0					

	TZ CMA	XZ CMI	YY CMI	AC CMI	AK CMI	AM CMI	RW CAP	TY CAP	RZ CAS	TV CAS	TW CAS	ZZ CAS	AB CAS	CW CAS	CW CAS	DZ CAS	IR CAS	IS CAS	IT CAS	MM CAS	OR CAS	OX CAS	OX CAS
MAX	9.8	9.7	8.5	11.0	10.1	10.0	9.8	10.5	6.4	7.3	8.3	10.7	10.2	11.8	11.8	11.6	10.8	11.6	11.0	11.3	11.4	10.1	10.1
MIN	10.5	10.2	9.1	11.5	11.5	10.7	10.8	11.6	7.8	8.4	8.9	11.1	12.2	12.5	12.5	12.3	12.1	12.6	11.8	11.9	12.4	10.9	10.9
DUR	4	3	4	3	4	5	5	4	4	4	5	4	4	3	3	4	4	5	5	5	4	5	5
TOT																							
	(S)														(S)								(S)
0- 1					5.0			9.5					9.5		4.0		10.5		9.0				
1- 2			2.0						4.0					6.5	3.0	9.5							
2- 3		2.0	4.0						8.5		4.5			5.5	2.0		11.5	1.5		1.5			
3- 4		6.0				1.0						1.5	3.0	4.5							2.0	4.5	
4- 5				5.0	4.0	1.5						7.5	11.5	3.5	7.5					9.0	8.0		9.0
5- 6				1.5		2.0				10.0	1.0			2.5	6.5	7.5							
6- 7		3.5				2.5					11.5			1.5	5.5								
7- 8						3.0			3.5				5.5		4.0								
8- 9					3.0	3.5			8.0			1.0		7.0	3.0	11.0					1.5	4.0	
9-10						4.0					8.0	7.0		6.0	2.0			10.0			7.5		8.5
10-11		4.5				4.5								5.0	1.0								
11-12				3.5		4.5							7.5	4.0			8.0	6.5					
12-13					2.0	5.0					4.5			3.0	6.5	9.0				11.5			
13-14	2.0	2.0	2.5		5.5	5.5			3.0					2.0	5.5		9.0	2.5			1.0	3.5	
14-15		6.0	5.0						7.5	11.5		6.0	1.5		4.5						7.0		8.0
15-16											1.0		10.0	7.5	3.5		10.0						
16-17					1.0						11.5			6.5	2.5	7.5							
17-18		3.5		5.0	4.5		11.5	11.5						5.5	1.5		11.0						
18-19				2.0						2.5			3.5	4.5								3.0	
19-20									2.5		8.0	5.5		3.0	7.0	10.5				10.5			7.5
20-21									7.0			11.5		2.0	6.0			11.5					
21-22		4.5			3.5				11.5					1.0	5.0								
22-23											4.5		6.0		4.0			7.5					
23-24														6.5	3.0	9.0						2.5	
24-25		2.0	1.0	3.5								5.0		5.5	2.0					1.5			
25-26		6.0	3.5		2.5				2.0	8.5	1.0	10.5		4.5									
26-27			5.5		5.5				6.5		11.5		8.5	3.5	7.5		7.0			9.5			
27-28								10.5	11.0					2.5	6.5								
28-29		3.5												1.5	5.5		8.5					2.0	
29-30					1.5						8.0	4.5	2.0		4.5								

	PV CAS	PV CAS	V364 CAS	V364 CAS	V375 CAS	V380 CAS	U CEP	SU CEP	WW CEP	WZ CEP	WZ CEP	XX CEP	ZZ CEP	CW CEP	CW CEP	DK CEP	DL CEP	DV CEP	EG CEP	EK CEP	GK CEP	RW COM	RW COM
MAX	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	12.4	11.6	9.6	8.2	6.9	11.0	11.0
MIN	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	13.2	12.4	10.6	9.5	7.4	11.6	11.6
DUR	3	3	4	4	5	5	4	4	4	3	3	4	5	5	5	4	5	4	3	6	4	3	3
TOT							2																
		(S)		(S)							(S)				(S)								(S)
0- 1										5.5						9.5	4.5		4.0		6.5		3.5
1- 2					2.5	4.5				1.5	6.5		6.0			9.0			6.5	8.0	5.0	5.0	2.0
2- 3								11.5		7.5	2.5			7.0		8.5			8.5		3.5	4.0	1.0
3- 4	11.5							9.0		3.5	8.5		9.5			8.5	11.0	3.5	10.5		2.0	2.5	5.5
4- 5		9.0			1.0		2.5	6.5		9.5	4.5	5.0				8.0		7.5				1.5	4.0
5- 6						6.0			11.0	5.5						7.5		11.5	2.0				3.0
6- 7			10.0							1.5	6.5				9.5	7.5			4.0			4.5	2.0
7- 8										7.5	2.5					7.0			6.0			3.5	
8- 9					11.0					3.5	8.5					6.5	8.5		8.5			2.0	5.0
9-10						8.0	2.0			10.0	5.0				3.0	6.5			10.5			1.0	4.0
10-11									1.5	6.0				11.5		6.0		3.0		4.5		5.5	2.5
11-12		9.5			10.0					2.0	7.0	5.0				5.5		7.0	1.5			4.0	1.5
12-13						1.0		9.5		8.0	3.0					5.5		11.0	3.5		10.5	3.0	
13-14						9.5		7.0		4.0	9.0			5.0		5.0	5.5		6.0		9.0	2.0	4.5
14-15					8.5		2.0			10.0	5.0		2.5			4.5			8.0		7.5		3.5
15-16										6.0	1.0					4.5			10.0		6.0	5.0	2.0
16-17				10.5		2.5				2.0	7.0		6.0								4.5	4.0	1.0
17-18					7.5	11.5				8.0	3.0				7.5			2.5	1.5		3.0	2.5	5.5
18-19		9.5								4.0	9.0	5.5	9.5					6.0	3.5		1.5	1.5	4.5
19-20							1.5		6.0		5.0							10.0	5.5	1.0			3.0
20-21					6.0	4.5				6.0	1.0								8.0			4.5	2.0
21-22				1.5				10.0		2.5	7.5			9.5			9.5		10.0			3.5	
22-23								7.5		8.5	3.5											2.5	5.0
23-24					5.0					4.5	9.5					1.5			1.0	11.5		1.0	4.0
24-25						6.0	1.0				5.5			3.0		1.0		1.5	3.5			5.5	2.5
25-26		9.5								6.5	1.5	5.5						5.5	5.5			4.5	1.5
26-27			11.0		3.5					2.5	7.5						7.0	9.5	7.5		11.5	3.0	
27-28										8.5	3.5								9.5		10.0	2.0	5.0
28-29						8.0			11.0	4.5	9.5				5.5						8.5		3.5
29-30					2.5						5.5		2.5						1.0		7.0	5.0	2.5

	RZ COM	RZ COM	SS COM	SS COM	CC COM	CC COM	U CRB	RW CRB	TW CRB	W CRV	W CRV	RV CRV	RV CRV	SX CRV	SX CRV	V CRT	SW CYG	WW CYG	ZZ CYG	AE CYG	BR CYG	CG CYG	DK CYG
MAX	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	8.9	9.5	9.3	9.9	10.7	11.8	9.4	11.0	10.3
MIN	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	9.2	10.2	11.8	13.2	12.0	12.8	10.5	11.8	10.8
DUR	3	3	4	4	2	2	5	4	4	4	4	4	4	3	3	4	5	5	4	4	4	3	4
TOT																	2						
		(S)		(S)		(S)					(S)		(S)		(S)								
0- 1	3.0	7.0	2.0	7.0	3.5			10.5	8.0	1.0	5.5	8.0		4.0		1.5			7.5				8.0
1- 2	3.5	7.5	8.0	3.0		3.5		3.5		5.0		2.0		3.0	7.0								
2- 3	3.5	8.0	3.5	8.5	3.0				2.5	9.0	4.5		4.0	2.0	5.5	4.0						10.5	
3- 4	4.0		9.5	4.5		3.0		8.0	7.0	3.5	8.5	7.5			4.5				11.0		7.5		
4- 5	4.5		5.0		3.0				11.0	7.5	3.0	1.5		7.0	3.0	7.0						8.0	
5- 6	5.0		1.0	6.0		2.5				2.0	7.0		3.5	5.5	2.0				8.5				
6- 7	5.0	1.0	7.0	2.0	2.5	5.0		6.0	5.5	6.0	1.5	7.5		4.5									11.0
7- 8	5.5	1.5	2.5	7.5	5.0	2.5			10.0		5.5			3.5	7.0	2.0			5.5	11.5	7.5	11.5	9.5
8- 9	6.0	2.0	8.5	3.5	2.0	5.0	11.5	10.0		4.5			3.5	2.0	6.0					10.5			8.0
9-10	6.5	2.5	4.0	9.0	4.5	2.0		3.5	4.0	8.5	4.0	7.0			4.5	4.5				10.0		9.0	
10-11	6.5	2.5	10.0	5.0	2.0	4.5			8.5	3.5	8.0		9.0	7.5	3.5				9.0	9.0			
11-12	7.0	3.0	5.5		4.5	1.5		8.0		7.0	2.5		3.0	6.0	2.5	7.5				8.5	7.5		
12-13	7.5	3.5	1.5	6.5	1.5	4.0			3.0	2.0	6.5	7.0		5.0					6.5	7.5			
13-14	8.0	4.0	7.0	2.5	4.0	1.5			7.0	6.0	1.0		9.0	3.5	7.5								
14-15		4.0	3.0	8.0	1.0	4.0		5.5	11.5		5.0		3.0	2.5	6.5	2.5						10.5	11.0
15-16		4.5	8.5	4.0	3.5	1.0	9.5			4.5	9.0	6.5			5.0				10.0		7.5		9.5
16-17		5.0	4.5	9.5		3.5		10.0	6.0	8.5	3.5		8.5		4.0	5.0	5.5					7.5	8.0
17-18	1.0	5.0		5.5	3.5			3.5	10.0	3.0	7.5		2.5	6.5	2.5				7.0				
18-19	1.5	5.5	6.0	1.0		3.0				7.0	2.0	6.5		5.5		8.0							
19-20	2.0	6.0	2.0	7.0	3.0			7.5	4.5	1.5	6.0		8.5	4.0							7.5	11.5	
20-21	2.5	6.5	7.5	2.5		3.0			8.5	5.5			2.5	3.0	6.5				10.5				
21-22	2.5	6.5	3.5	8.5	2.5						4.5	6.0		1.5	5.5	3.0						9.0	
22-23	3.0	7.0	9.0	4.0	5.0	2.5	7.0	5.5	3.0	4.0	8.5		8.0		4.5			11.0	7.5				11.0
23-24	3.5	7.5	5.0		2.5	5.0			7.5	8.0	3.5		2.0	7.0	3.0	5.5					7.5		9.5
24-25	4.0	8.0		6.0	5.0	2.0		9.5	11.5	2.5	7.0	6.0		5.5	2.0								8.0
25-26	4.0		6.5	1.5	2.0	4.5		3.0		6.5	2.0		8.0	4.5		8.0	9.0		11.0				
26-27	4.5		2.5	7.5	4.5	2.0			6.0	1.0	6.0		2.0	3.5	7.0	1.0						10.0	
27-28	5.0		8.0	3.0	1.5	4.5		7.5	10.5	5.0		5.5		2.0	6.0				8.5		7.5		
28-29	5.5	1.0	4.0	9.0	4.0	1.5				9.0	4.5		7.5		4.5	3.5						7.5	
29-30	5.5	1.5	9.5	4.5	1.5	4.0	5.0	11.5	4.5	3.5	8.5			7.0	3.5				5.5				

	KR CYG	KV CYG	MY CYG	MY CYG	V346 CYG	V387 CYG	V388 CYG	V401 CYG	V456 CYG	V466 CYG	V466 CYG	V477 CYG	V477 CYG	V548 CYG	V704 CYG	1034 CYG	W DEL	TT DEL	TY DEL	YY DEL	FZ DEL	Z DRA	RZ DRA
MAX	9.2	11.5	8.3	8.3	11.8	11.5	9.7	10.8	10.8	10.8	10.8	8.3	8.3	8.9	13.8	9.6	9.4	10.6	9.6	11.0	10.2	10.8	10.0
MIN	10.0	12.6	9.0	9.0	13.6	12.3	10.3	11.6	11.9	11.6	11.6	9.2	8.7	9.7	14.6	10.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9
DUR	4	5	4	4	5	3	3	4	3	4	4	4	4	5	4	4	7	5	4	4	3	4	3
TOT																	2						
				(S)							(S)		(S)										
0- 1	6.5	6.0				8.5		5.5			7.0					9.0							9.0
1- 2				10.5			9.5	9.5	9.5				8.0		8.5	8.5						8.0	11.5
2- 3									6.5	9.0						8.0							
3- 4			11.0													7.5			11.0	8.0	10.5		3.0
4- 5								7.5			11.0					7.0						1.0	5.5
5- 6	8.5			11.0		11.5		11.5				7.5		8.5	8.5	6.0						9.5	8.0
6- 7																							10.5
7- 8			11.0			9.5	9.5	5.5			6.0			4.0							8.5		
8- 9								9.5					9.0				11.0					3.0	2.0
9-10				11.0		8.0			10.0	8.0					8.5				10.0			11.5	4.5
10-11	10.0				9.5				7.0											11.0	11.5		7.0
11-12	6.5		11.0					7.5			10.0												9.5
12-13								11.5				8.5										4.5	
13-14				11.0			10.0								8.5								1.0
14-15		11.0				11.0	6.5							9.5						10.5	9.5		3.5
15-16			11.0					9.5					10.0					8.5	9.0				6.0
16-17	8.0					9.0				7.0				4.5								6.5	8.5
17-18		7.0		11.0					10.5						8.5								11.0
18-19						7.0		7.0	7.5		9.0				11.5					9.5			
19-20			11.5				10.0	11.0				9.5											2.5
20-21							7.0			11.5												8.0	5.0
21-22	10.0			11.5	9.0										8.0						11.0		7.5
22-23								9.0					11.0		11.5					8.5			10.0
23-24			11.5			10.0				6.0				10.0								1.0	
24-25																						10.0	1.5
25-26				11.5		8.0	10.5	7.0	11.0		8.0			5.5	8.0						9.0		4.0
26-27	11.5						7.0	11.0	8.0			10.5			11.5					8.0			6.5
27-28	8.0		11.5							10.5												3.0	9.0
28-29																			11.5			11.5	11.5
29-30				11.5				9.0							8.0								

MAS Eclipsing Binary Ephemeris for April 2026 all times in U.T.

	TW DRA	UZ DRA	UZ DRA	AI DRA	BH DRA	S EQU	YY ERI	YY ERI	RW GEM	SX GEM	TX GEM	WW GEM	AF GEM	AL GEM	Z HER	RX HER	SZ HER	TT HER	TU HER	UX HER	CC HER	CT HER	DI HER
MAX	7.8	9.9	9.9	7.2	8.0	8.0	8.4	8.4	9.6	10.8	10.0	9.8	10.2	9.3	7.3	7.1	10.2	9.7	10.6	8.9	9.5	9.9	8.4
MIN	9.5	10.7	10.7	8.2	8.6	10.0	9.1	9.1	11.6	11.7	11.9	10.5	11.3	10.0	8.2	7.7	12.0	10.4	13.4	9.8	12.8	11.2	9.1
DUR	5	5	5	4	5	5	3	3	5	5	6	4	4	4	8	5	4	4	5	5	4	4	6
TOT	1								1										1				
			(S)					(S)															
0- 1	2.5	2.0					1.0							4.5	6.5				4.5	9.5			
1- 2																	10.5						
2- 3				3.5													6.0		10.5				
3- 4		8.0		8.0							1.5					9.5				11.5			
4- 5								1.5				3.5			6.5						6.5		
5- 6																		11.0				11.5	
6- 7					10.5												8.0	8.5					
7- 8														3.5			4.0	6.5				6.0	
8- 9			5.5	3.0	6.0								5.5		6.5			4.5					
9-10				8.0			1.0			2.0		2.5							6.0		11.5		
10-11																	10.5						
11-12	8.0		12.0														6.0			5.5	5.0		
12-13															6.0	7.0							
13-14		3.0				9.5		1.5	5.0	4.5			5.0										
14-15	3.5			3.0								1.0		2.5						8.0		9.5	
15-16				8.0													8.0	11.5					
16-17		9.0							1.5						6.0		4.0	9.5			9.5	4.5	
17-18					8.0						1.5							7.5		10.0			
18-19							1.0						4.5					5.5	7.5				7.0
19-20					3.5											9.5	10.5						
20-21				3.0											6.0		6.0						
21-22			6.5	7.5										1.5									
22-23								1.5															
23-24													3.5								8.0	8.0	
24-25										3.0					5.5		8.0						
25-26	9.0											4.5		5.5			4.0						
26-27		4.0		2.5	10.0													10.5					
27-28				7.5			1.0											8.0	9.0				
28-29	4.0				5.5					5.5			3.0		5.5	7.0	10.5	6.0		6.5			
29-30		10.0															6.0	4.0					

	DI HER	HS HER	HS HER	LT HER	V728 HER	68 HER	WY HYA	WY HYA	AV HYA	DF HYA	DF HYA	DI HYA	DK HYA	V470 HYA	V470 HYA	VX LAC	AR LAC	AW LAC	CM LAC	CO LAC	CO LAC	DG LAC	GX LAC
MAX	8.4	8.5	8.5	10.7	10.9	4.7	10.3	10.3	10.2	11.0	11.0	11.0	10.5	13.0	13.0	10.9	7.3	10.6	8.5	10.5	10.5	10.8	10.1
MIN	9.1	9.0	9.0	11.1	11.5	5.4	11.1	11.1	10.6	11.5	11.5	12.0	11.0	13.5	13.5	12.3	8.2	11.3	9.5	11.0	11.0	12.0	10.4
DUR	6	4	4	4	3	5	3	3	4	4	4	4	4	3	3	4	6	5	4	5	5	4	6
TOT																	2						
	(S)		(S)					(S)			(S)				(S)						(S)		
0- 1		10.5				9.0			4.0	7.0	3.0				3.0						7.5		
1- 2			7.0		11.0		2.0			6.5	2.5			2.5				7.0					
2- 3					9.5	10.0		3.5	5.0	6.5	2.5	4.5			2.5			10.5					
3- 4					8.0		5.5			6.5	2.5			2.0							9.5		7.0
4- 5					6.5	11.5			6.5	6.0	2.0				1.5								
5- 6	8.0	8.5		5.0	5.5					6.0	2.0	6.5		1.5	6.0								
6- 7				7.5	4.0		2.0		7.5	5.5	2.0		1.5	6.0	1.0						11.5		
7- 8				9.5	2.5			4.0		5.5	1.5	2.5	2.5		5.5				8.5	6.5			
8- 9				11.5			6.0			5.5	1.5		3.5	5.5									
9-10			11.5		11.0				1.0	5.0	1.0		4.5		5.0			7.0					
10-11		6.5			9.5					5.0	1.0	4.5	5.5	5.0				10.5		8.5		11.0	
11-12					8.5		2.5		2.5	4.5					4.5								
12-13					7.0			4.5		4.5				4.0		9.0							
13-14					5.5		6.0		3.5	4.5		6.0			4.0	11.0				11.0			
14-15			9.5		4.0					4.0				3.5			11.5						
15-16					3.0			1.0	4.5	4.0		2.5			3.5				9.0				
16-17							3.0			4.0				3.0			11.0						
17-18								4.5	6.0	3.5					3.0			7.0			7.0		
18-19		11.0		5.5	10.0					3.5		4.0	1.5	2.5			10.5	10.5					
19-20			7.5	7.5	8.5				7.0	3.0	7.0		2.5		2.5							6.5	
20-21				9.5	7.0			1.5		3.0	7.0		3.5	2.0			10.0				9.0		
21-22				11.5	6.0		3.0			3.0	6.5	6.0	4.5		2.0							11.5	
22-23					4.5			5.0		2.5	6.5		5.5	1.5			10.0						8.5
23-24		8.5			3.0					2.5	6.5	2.0		6.0	1.0				9.5		11.0		
24-25			5.0						2.0	2.0	6.0			1.0	5.5		9.5						
25-26								1.5		2.0	6.0			5.5				7.0					
26-27	10.0				10.5		3.5		3.0	2.0	6.0	4.0			5.0	8.5	9.0	10.5					
27-28					9.0			5.0		1.5	5.5			5.0		10.0				8.0			
28-29		6.5			7.5				4.5	1.5	5.5				4.5		8.5						
29-30					6.0					1.0	5.0	5.5		4.5									

	MZ LAC	MZ LAC	Y LEO	UU LEO	UV LEO	VZ LEO	WZ LEO	XY LEO	XZ LEO	AM LEO	T LMI	RR LEP	SS LIB	DELT LIB	RY LYN	UZ LYR	EW LYR	FL LYR	RU MON	RU MON	RW MON	AT MON	BB MON
MAX	11.2	11.2	9.5	11.4	9.5	10.6	11.3	9.5	10.6	9.2	10.2	10.2	10.4	4.8	11.9	9.8	11.2	8.7	10.6	10.6	9.1	10.6	10.6
MIN	12.1	12.1	12.7	12.7	10.2	11.7	12.0	9.9	11.2	9.8	12.6	10.9	11.3	5.9	13.3	11.0	13.6	9.5	11.3	11.3	11.9	11.4	11.3
DUR	4	4	5	4	3	4	5	2	3	3	6	4	6	7	4	5	5	4	5	5	5	5	4
TOT																					1		
		(S)																		(S)			
0- 1					7.0			5.0							8.0								2.0
1- 2							5.0	1.5		2.5							5.5						
2- 3				1.0	2.0			5.0		5.0	8.0		11.5										
3- 4					7.0			1.5	9.0	7.5		1.5		10.5	5.0	11.5	4.5						
4- 5			3.5			2.5		4.5	8.0	1.0								5.5					
5- 6					2.0	4.5		1.0	7.5	3.5	8.5		8.5			9.0							
6- 7					7.0	7.0		4.5	7.0	5.5					1.5			10.0		3.0	3.0		
7- 8		9.0		2.0					6.5	8.0						6.5							
8- 9					2.0		6.0	4.0	6.0	1.5	9.0		5.5										3.5
9-10			4.5		7.0				5.5	4.0													
10-11								4.0	4.5	6.0				10.0	9.0								
11-12					2.0		1.5		4.0	8.5	9.5												2.0
12-13				3.0	7.0			3.5	3.5	2.0									4.5				
13-14									3.0	4.5					6.0								
14-15			6.0		2.0			3.5	2.5	7.0		1.0											
15-16	8.0				7.0		7.0	6.5	1.5				10.0										
16-17						2.5		3.0	1.0	2.5					2.5								
17-18				4.0	2.0	4.5		6.5		5.0				9.5				7.5					
18-19					7.0	6.5	2.5	3.0		7.5			7.0									1.0	
19-20			7.5					6.0		1.0								11.5					3.5
20-21					2.0			2.5		3.5												1.5	
21-22					7.0			6.0		5.5													
22-23				5.0			8.0	2.0		8.0						9.5						2.5	1.5
23-24					2.0			5.5	8.5	1.5					7.0								
24-25			9.0		7.0			2.0	8.0	4.0				9.0		7.0				1.0		3.0	
25-26							3.5	5.0	7.5	6.0			11.5								4.5		
26-27		8.0	1.5		2.0			1.5	7.0	8.5					4.0							4.0	
27-28				6.0	7.0			5.0	6.5	2.0											2.5		
28-29						2.0		1.5	6.0	4.5			8.5					4.5				4.5	
29-30					2.0	4.0		4.5	5.0	6.5													

	BO	EP	U	SX	V501	V508	V839	1010	1010	EF	EF	EQ	ER	ER	ET	FH	FL	FR	FT	FT	GU	GU	UX
	MON	MON	OPH	OPH	OPH	OPH	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	PEG
MAX	10.8	10.5	5.8	10.5	10.9	10.1	8.8	6.2	6.2	12.6	12.6	10.3	9.5	9.5	11.2	10.5	10.5	11.0	9.1	9.1	12.6	12.6	10.7
MIN	12.1	11.1	6.5	11.2	11.8	10.7	9.4	7.0	7.0	14.1	12.8	13.3	10.2	10.2	12.4	11.5	13.2	11.9	9.7	9.7	13.5	13.5	12.0
DUR	5	5	5	5	4	3	3	4	4	6	6	4	3	3	5	5	3	4	4	4	4	4	5
TOT	1																						
									(S)		(S)			(S)						(S)		(S)	
0- 1					6.5				11.5							1.5							
1- 2			7.5		5.5			11.5					2.0								4.0		
2- 3	2.0						5.5		11.5		4.5							2.0			2.5		
3- 4								11.0													1.5		
4- 5							6.5		11.0				1.0										
5- 6						5.5		10.5						2.5								4.0	
6- 7		2.0	8.5			6.5	8.0		10.5						3.0							2.5	
7- 8						7.0		10.5							1.5							1.5	
8- 9						8.0	9.0		10.0					1.5					3.0				
9-10								10.0										3.5			4.0		
10-11									9.5											4.0	3.0		9.5
11-12			9.0	5.5			5.5	9.5		2.0							2.0				1.5		
12-13									9.5				2.0										
13-14	5.0			7.0			6.5	9.0														4.0	11.5
14-15		3.0							9.0													3.0	
15-16				8.5		5.5	8.0	9.0			3.0		1.5			3.0						1.5	
16-17			10.0			6.5			8.5					2.5									
17-18				10.5		7.0	9.0	8.5										2.5			4.0		
18-19						8.0			8.0												3.0		
19-20								8.0		4.5				2.0							1.5		
20-21							5.5		8.0														
21-22			10.5					7.5														4.0	
22-23	2.5	3.5					6.5		7.5					1.0								3.0	
23-24								7.5					2.5									1.5	
24-25					11.0		7.5		7.0	1.0								4.0					
25-26					10.5	5.5		7.0				2.5					1.0	1.0			4.0		
26-27			11.5		9.5	6.5	9.0		6.5				1.5		2.0						3.0		
27-28					9.0	7.0		6.5							1.0						1.5		9.5
28-29					8.0	8.0			6.5		2.0												
29-30		1.0			7.5		5.5	6.0												1.5		4.5	

	AQ PEG	AQ PEG	AQ PEG	BG PEG	DI PEG	GP PEG	KW PEG	KW PEG	Z PER	RT PER	RV PER	ST PER	XZ PER	IQ PER	IQ PER	IT PER	IU PER	KW PER	V432 PER	BETA PER	UZ PUP	UZ PUP	AV PUP
MAX	10.3	10.3	10.3	10.5	9.6	10.2	12.1	12.1	9.9	10.6	10.3	9.7	10.6	7.7	7.7	9.9	10.5	10.5	11.0	2.2	9.7	9.7	10.2
MIN	13.0	13.0	13.0	11.8	10.8	11.0	12.4	12.4	12.4	12.0	12.7	13.2	12.7	8.3	7.9	10.5	11.6	11.5	11.7	3.5	10.6	10.3	10.8
DUR	12	12	12	4	2	4	3	3	6	4	8	5	4	5	5	4	5	4	3	8	4	4	3
TOT	4	4	4	1					2			1											
	(2)		(3)					(S)							(S)							(S)	
0- 1					11.0													11.0					5.5
1- 2											2.0					1.0						4.0	2.5
2- 3				11.0																			
3- 4								9.0		2.0	1.0										4.0		
4- 5				10.0		11.5										2.5	2.0		2.0				3.5
5- 6			10.5		10.5	11.0	10.0					2.0	2.5	5.0				3.0		2.5		3.5	
6- 7						10.5												1.5					
7- 8						10.0		11.0	11.5												3.5		4.5
8- 9						9.5																	1.5
9-10										1.0									2.0			3.0	
10-11																	2.0						
11-12																					2.5		2.5
12-13								8.5						4.0					3.5				
13-14												1.0	4.0									2.5	
14-15							9.5			3.0								10.5	1.5				3.5
15-16																					2.0		
16-17	8.5	10.5						10.5									2.0						
17-18																			3.0			1.5	4.5
18-19							11.5								4.5								1.5
19-20														3.5				2.0	1.0		1.5		
20-21										2.0			1.5										
21-22																						1.0	2.5
22-23																	2.0		2.5				
23-24							9.0																
24-25																1.0							3.5
25-26								10.0		4.0					4.0								
26-27														3.0									
27-28	11.0						11.0									3.0		11.5	2.0				4.5
28-29													3.0				2.0			1.0		5.0	1.5
29-30																							

	U SGE	V505 SGR	1968 SGR	RS SER	AO SER	CC SER	CC SER	Y SEX	RW TAU	RZ TAU	TY TAU	WY TAU	AM TAU	AQ TAU	EQ TAU	EQ TAU	HU TAU	X TRI	RV TRI	W UMA	W UMA	TX UMA	TY UMA
MAX	6.4	6.4	12.3	10.8	10.6	11.1	11.1	9.8	8.0	10.5	11.5	11.5	10.4	12.0	10.3	10.3	6.0	8.9	11.4	9.1	9.1	6.8	11.7
MIN	9.1	7.6	13.3	11.5	12.1	11.7	11.7	10.2	12.5	11.2	12.0	11.7	12.3	12.9	11.0	11.0	6.8	12.0	12.5	9.9	9.9	8.9	12.4
DUR	6	5	4	4	4	4	4	3	4	3	2	4	5	5	3	3	6	4	4	3	3	6	3
TOT	2								1														
							(S)									(S)					(S)		
0- 1			9.0			11.0	4.5			1.5						2.5				2.0	6.0		1.0
1- 2				11.0	10.5	11.5	5.5	4.5					2.0	2.5						2.0	6.0	1.0	2.5
2- 3					7.5		6.0			3.0										2.0	6.0		4.0
3- 4					5.0		7.0	6.5			1.5		3.0							2.0	6.0		6.0
4- 5	11.5		7.5	11.0			7.5	3.0				1.0								2.0	6.0	2.5	7.5
5- 6			10.5				8.5			1.0			4.0		1.5					2.0	6.0		
6- 7						3.0	9.0	5.0				3.0			2.0					2.0	6.0		2.0
7- 8				10.5		4.0	10.0	1.5		3.0					2.5					2.0	6.0	4.0	3.5
8- 9		10.0			11.5	4.5	10.5	7.5				4.5						1.0		2.0	6.0		5.0
9-10			9.0		8.5	5.5	11.5	3.5												2.0	6.0		6.5
10-11				10.5	5.5	6.0														2.0	6.0	5.5	8.0
11-12	6.0				3.0	7.0		6.0												2.0	6.0		1.0
12-13						7.5		2.5		2.5				1.0		1.0				2.5	6.5		2.5
13-14			8.0	10.0		8.5						1.0				2.0				2.5	6.5	7.0	4.0
14-15			11.0			9.0	3.0	4.5								2.5				2.5	6.5		5.5
15-16						10.0	3.5					3.0								2.5	6.5		7.0
16-17				10.0	9.5	10.5	4.5	7.0												2.5	6.5	8.5	
17-18					6.5	11.5	5.5	3.0		2.5	1.5	5.0								2.5	6.5		1.5
18-19			9.5		3.5		6.0							3.0					1.0	2.5	6.5		3.0
19-20				10.0			7.0	5.5	1.5						1.0					2.5	6.5	10.0	4.5
20-21							7.5	1.5							2.0		1.5			2.5	6.5		6.0
21-22	9.5	10.5					8.5	8.0							2.5				1.5	2.5	6.5		7.5
22-23			8.0	9.5		3.0	9.0	4.0		2.0		1.5			3.0		3.0			2.5	6.5		
23-24			11.0		10.5	3.5	10.0													2.5	6.5		2.5
24-25					7.5	4.5	10.5	6.5				3.0							2.0	2.5	6.5		4.0
25-26				9.5	4.5	5.0	11.5	2.5												2.5	6.5		5.5
26-27						6.0						5.0				1.0				2.5	6.5		7.0
27-28			10.0			7.0		5.0		1.5						1.5			2.0	2.5	6.5		8.5
28-29				9.0		7.5		1.0								2.5				2.5	6.5		1.5
29-30						8.5		7.5						1.5		3.0				2.5	6.5		3.0

	TY UMA	UX UMA	UX UMA	VV UMA	XZ UMA	ZZ UMA	AF UMA	W UMI	RU UMI	VV VIR	AG VIR	AH VIR	AH VIR	AK VIR	AW VIR	AW VIR	AX VIR	AZ VIR	AZ VIR	BH VIR	MS VIR	MS VIR	NY VIR
MAX	11.7	12.7	12.7	10.1	10.1	9.8	10.8	8.6	10.7	11.7	8.8	9.7	9.7	10.0	10.8	10.8	10.0	11.0	11.0	9.9	9.4	9.4	13.3
MIN	12.4	13.8	13.8	11.0	11.7	11.2	11.6	9.7	11.4	13.5	9.4	10.2	10.2	11.5	11.9	11.9	10.8	11.8	11.8	11.3	9.7	9.7	14.2
DUR	3	1	1	3	3	4	8	7	4	4	4	4	4	4	3	3	4	3	3	4	3	3	1
TOT																							
	(S)												(S)			(S)			(S)			(S)	
0- 1	5.5	5.0			9.0			10.5	11.5	9.5	5.0	7.0	2.5		4.0	8.5	1.5	7.0	3.0		6.0		2.0
1- 2	7.0	9.5	4.5	7.5		11.5				6.5		2.5	7.5		5.5	1.0	11.0	8.0	4.0		4.5		2.0
2- 3	8.5	4.0	9.0					3.5	1.0	4.0	3.0	8.0	3.0		7.0	2.5	4.0		5.0	11.0	3.0	6.5	2.5
3- 4	1.5	8.5	4.0	9.0					2.5		10.0	3.5	8.5		8.5	4.0		2.0	6.5	7.0		5.0	
4- 5	3.0	3.5	8.0	1.5	1.0				3.5	9.5	1.5	9.0	4.0	3.0	1.5	5.5	6.5	3.5	7.5	2.5	7.5	3.5	
5- 6	4.5	7.5	3.0	10.5	6.5				5.0	7.0	8.5	4.5	9.5	7.5	3.0	7.0		4.5			6.0		
6- 7	6.0	2.5	7.5	3.0		2.0			6.0	4.5			5.0		4.5		9.5	5.5	1.5		4.5		
7- 8	7.5	7.0	2.0					6.0	7.0		6.5	5.5			6.0	1.5	2.0	7.0	2.5	9.0	3.0	6.5	
8- 9		2.0	6.5	4.5		9.0			8.5	10.0		1.0	6.0		7.5	3.0		8.0	4.0	4.5		5.0	
9-10	2.0	6.0	1.5						9.5	7.5	5.0	6.5	1.5			4.5	4.5		5.0		7.5	3.5	1.5
10-11	3.5	1.0	5.5	6.0	4.0				11.0	5.0		2.0	7.0		2.0	6.0		2.0	6.0		6.0		2.0
11-12	5.0	5.5			9.5						3.0	7.0	2.5	7.0	3.5	7.5	7.5	3.0	7.5	11.0	4.5		2.0
12-13	6.5		5.0	7.5				8.5		10.5	10.0	3.0	7.5		5.0			4.5		6.5	3.0	6.5	2.5
13-14	8.5	4.5	9.0				5.0		1.5	8.0	1.5	8.0	3.0		6.5	2.0	10.0	5.5	1.5	2.0		5.0	
14-15	1.5	9.0	4.0	9.0				1.5	3.0	5.5	8.0	3.5	8.5		8.0	3.5	2.5	6.5	2.5		7.5	3.5	
15-16	3.0	3.5	8.5	1.5	1.5	6.5			4.0	2.5		9.0	4.0			5.0		8.0	3.5		6.0		
16-17	4.5	8.0	3.5	10.5	6.5				5.5		6.5	4.5	9.5		2.5	6.5	5.5		5.0	8.5	4.5		
17-18	6.0	3.0	7.5	3.0				11.0	6.5	8.0			5.0	6.0	4.0	8.0		2.0	6.0	4.0		6.5	
18-19	7.5	7.0	2.5				11.0		7.5	5.5	4.5	5.5		10.5	5.5	1.0	8.0	3.0	7.0			5.0	
19-20		2.0	7.0	4.5				4.0	9.0	3.0		1.0	6.0		7.0	2.5		4.0	8.5		7.0	3.5	1.5
20-21	2.0	6.5	1.5						10.0		3.0	6.5	1.5		8.5	4.0	10.5	5.5		10.5	5.5		2.0
21-22	3.5	1.5	6.0	6.0	4.0				11.5	8.5	10.0	2.0	7.0		1.5	5.5	3.5	6.5	2.5	6.0	4.0		2.0
22-23	5.0	5.5			9.5	4.0				6.0	1.5	7.5	2.5		2.5	7.0		7.5	3.5			6.5	2.5
23-24	6.5		5.0	7.5					1.0	3.5	8.0	3.0	8.0	5.0	4.0	8.5	6.0		4.5			5.0	
24-25	8.0	5.0				11.5		6.5	2.5			8.0	3.5	10.0	5.5	1.5		1.5	6.0		7.0	3.5	
25-26	1.0	9.0	4.5	9.0					3.5	9.0	6.5	4.0	8.5		7.0	3.0	8.5	3.0	7.0	8.0	5.5		
26-27	2.5	4.0	8.5	1.5	1.5				4.5	6.5		9.0	4.0			4.5	1.5	4.0	8.0	3.5	4.0		
27-28	4.0	8.5	3.5	10.5	6.5				6.0	4.0	4.5	4.5	9.5		1.5	6.0	11.0	5.0				6.5	
28-29	5.5	3.0	8.0	3.0					7.0				5.0		3.0	7.5	4.0	6.5	2.0			5.0	
29-30	7.0	7.5	3.0			1.5		9.0	8.5	9.5	3.0	5.5		4.5	4.5			7.5	3.5	10.0	7.0	3.5	1.5

	Z	AW	AY	BE	BO	BS	BT	BU	CD	V495	V495
	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	7.4	10.8	11.0	9.9	10.4	11.0	11.8	10.6	11.5	9.6	9.6
MIN	9.2	11.9	12.9	11.4	13.3	11.5	12.5	11.4	12.6	10.0	10.0
DUR	6	5	4	5	4	3	3	3	4	4	4
TOT											
											(S)
0- 1						9.5					
1- 2		12.0				8.0	7.5				
2- 3		7.0		10.0	11.5	7.0	11.0	8.0			11.5
3- 4								11.5		7.0	
4- 5					10.5						
5- 6											
6- 7		8.0	10.0		9.0			7.5	7.5		
7- 8								11.0			9.5
8- 9					7.5				8.5		
9-10	11.5					10.5	7.5				
10-11		8.5			6.5	9.0	11.0	7.5	10.0		
11-12						8.0		10.5		11.5	
12-13						7.0			11.0		7.0
13-14				7.0							
14-15	9.0	9.5									
15-16								10.0			
16-17				9.5						9.0	
17-18							7.0				
18-19		10.0	11.5			11.5	10.5				
19-20	7.0					10.0		10.0	7.5		
20-21						9.0					11.5
21-22						8.0			8.5	6.5	
22-23		11.0				6.5					
23-24								9.5	10.0		
24-25											
25-26							7.0		11.0		9.0
26-27		12.0					10.5				
27-28		7.0						9.0			
28-29						11.0					
29-30						10.0				11.0	