

MAS Eclipsing Binary Ephemeris for March 2017

all times in U.T.

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	RT	TW	UU	WZ	XZ	AB	AB	AD	AD	BD	BX	DS	DS	QX	QX	CX	XZ	KO	KP	OO	OO	V342	V343
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQL	AQL	AQL	AQL	AQL	AQL	AQL
MAX	9.3	8.8	11.2	11.6	10.0	9.3	9.3	11.1	11.1	11.3	8.6	10.8	10.8	11.3	11.3	10.7	9.3	8.3	9.7	9.2	9.2	9.0	10.6
MIN	10.2	11.0	14.1	12.6	13.0	10.2	10.2	11.6	11.6	11.7	9.5	11.4	11.4	11.6	11.6	12.0	11.2	9.3	10.5	10.1	10.1	12.5	12.3
DUR	3	11	8	4	3	3	3	4	4	3	4	4	4	3	3	3	7	5	4	3	3	7	4
TOT		2																					3
								(S)	(S)				(S)	(S)							(S)		
0- 1	1.0							11.0	2.5	2.0					1.0	12.0				11.5			
1- 2	7.0							11.0	2.0	11.5				1.5						12.0			12.0
2- 3					4.0			10.5	2.0	9.5	2.5	12.5			2.5					12.5			
3- 4	4.5							10.5	1.5	8.0			0.5	3.0			12.5						8.0
4- 5	10.5							10.5	1.0				0.5		4.0								
5- 6	1.5			2.0				2.5	1.0	4.5	4.0		1.0	4.5		12.0							
6- 7	8.0			11.5				2.5	12.5	0.5	2.5		1.0										
7- 8				4.0				2.0	12.0		0.5		1.5		1.0								
8- 9	5.0							2.0	11.5		10.0	5.0	1.5	2.0									
9-10	11.5							2.0	11.5		8.5		2.0		2.5						8.5		
10-11	2.5							2.0	11.0			1.0	2.0	3.5		12.5					9.0		
11-12	8.5							2.0	10.5		4.5		2.5		4.0				8.5		9.0		
12-13				1.0				1.5	10.5		3.0		2.5	5.0							9.5	8.0	
13-14	6.0				0.5			1.5	10.0		1.0	2.5	3.0	0.5							10.0		
14-15	12.0			3.0				1.5	9.5		10.5		3.0		1.5						10.0		10.0
15-16	3.0			12.5				1.5	9.5		8.5		3.5	2.0		12.5		9.5			10.5		
16-17	9.5							1.5	9.0			3.5	3.5		2.5						11.0		
17-18	0.5				2.5			1.0	8.5				4.0	3.5							11.0		
18-19	6.5							1.0	8.5		3.5		4.0		4.0		11.5				11.5		
19-20		1.5						1.0		1.5	4.5		4.5	5.0							11.5		
20-21	4.0							1.0		11.0			4.5	0.5		12.5					12.0		
21-22	10.0			2.0	4.0			1.0		9.0	0.5		5.0		1.5			11.0			12.5		
22-23	1.0			11.5				0.5		7.5			5.0	2.0								12.0	
23-24	7.5			4.0		12.5	0.5								3.0								
24-25						12.5	0.5			4.0	2.0			3.5									
25-26	4.5					12.5				2.0				4.5									11.5
26-27	11.0					12.0				11.5	12.5			5.0									
27-28	2.0					12.0				9.5	3.0			1.0						8.5			
28-29	8.0			1.0		12.0				7.5					1.5					8.5			
29-30						12.0		4.5						2.5						9.0			
30-31	5.5		3.0	3.0		12.0		4.5		4.0	4.5			3.0						9.5			

	V346	RX	SS	SS	RY	SX	TT	WW	WW	AP	AP	AR	AR	CL	EM	EP	HP	HP	IM	V459	V459	SS	SS	
	AQL	ARI	ARI	ARI	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO
MAX	9.0	9.4	10.1	10.1	11.7	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	
MIN	10.4	9.9	11.1	11.1	14.0	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	
DUR	4	4	3	3	6	4	5	5	5	4	4	5	5	4	4	3	3	3	4	4	4	18	18	
TOT																						6	6	
				(S)					(S)		(S)		(S)				(S)			(S)	(2)			
0- 1				1.5		7.0	8.0			8.0	1.0			4.0		4.0				6.5				
1- 2			1.5								4.5					8.5		6.5		8.0				
2- 3				2.0					5.0	1.0	7.5													
3- 4			2.5							4.0						3.0			4.0					
4- 5	10.0			2.5			8.0			7.5	0.5					7.5		2.5			3.0	6.0		
5- 6			3.0			3.0					4.0	2.0		3.5							1.5			
6- 7				3.5	5.5	8.5					0.5	7.5				2.0	6.0				3.0			
7- 8			4.0						6.5	4.0			3.5			6.5					4.5			
8- 9				4.0			8.0			7.0					7.5				3.5		6.0			
9-10		1.0								10.5	3.5	5.5				1.0	2.0		9.5		7.5			
10-11		1.5									7.0			3.0	3.0	5.5					9.0			
11-12		2.0				4.5		1.5		3.5	10.5		7.0					5.5						
12-13		3.0	0.5				8.0		7.5	7.0														
13-14		3.5		1.0						10.0	3.5					4.0			3.5	1.0				
14-15	9.0	4.5	1.5								6.5					8.5		1.5	9.5	2.5				
15-16	11.5			2.0						3.0	10.0			2.5							4.0			
16-17			2.0			0.5	8.0	2.5		6.5						3.0	5.0				5.5			
17-18				2.5	3.0	5.5			9.0	10.0	3.0					7.5					7.0			
18-19			3.0								6.5							8.0	3.0	8.5				
19-20				3.0						3.0	9.5				5.5	2.0	1.0		9.0			8.0	11.0	
20-21			3.5				8.0			6.0				2.0		6.5								
21-22				4.0				3.5		9.5	2.5			8.0	1.5			4.5						
22-23						2.0					6.0					1.0					1.5			
23-24						7.0				2.5	9.5					5.5	7.5		3.0		3.0			
24-25							8.0			6.0								0.5	9.0		4.5			
25-26	10.5		0.5		7.5					9.0	2.5			1.5							6.0			
26-27				1.0				5.0			5.5			7.5		4.0	4.0				7.5			
27-28			1.0							2.0	9.0					8.5					9.0		1.5	
28-29				1.5	1.0	3.0	8.0			5.5					8.5			7.0	2.5					
29-30			2.0			8.0				9.0	2.0					3.0			8.5					
30-31				2.5							5.0			1.0	4.0	7.5				1.0				

	SS	TU	TU	TY	TY	TZ	TZ	UW	VW	VW	ZZ	AD	AD	BW	BW	Y	SV	AL	CD	CD	R	RT	SX
	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA
MAX	10.3	11.7	11.7	11.8	11.8	10.6	10.6	10.4	10.5	10.5	6.8	9.8	9.8	7.1	7.1	10.6	8.6	10.5	11.6	11.6	6.2	11.4	10.3
MIN	11.0	12.7	12.7	12.3	12.3	11.1	11.1	11.4	11.0	11.0	7.6	10.4	10.2	7.5	7.5	12.4	9.4	11.3	11.8	11.8	6.8	12.9	11.4
DUR	18	3	3	3	3	3	3	3	3	3	5	4	4	5	5	6	3	5	5	5	4	5	4
TOT	6																						
	(3)		(S)		(S)		(S)		(S)		(S)		(S)		(S)		(S)		(S)		(S)		(S)
0- 1		9.0	5.0	4.5	8.5	2.0	5.5	11.0	10.0	6.0				1.5					10.5	1.5		5.5	
1- 2		8.5	4.5	3.5	7.0	6.5	3.0	11.5	2.5	6.5				10.0	1.5	3.0	3.0	5.0					
2- 3		7.5	3.5	2.0	6.0	3.5	7.5	11.5	3.0	7.5						7.5	10.5		8.5				
3- 4		7.0	3.0	8.5	5.0	8.0	4.5	11.5	4.0	8.0	3.5			9.5		12.0		12.0	3.0				
4- 5	9.0	6.5	2.5	7.5	3.5	5.5	2.0	11.5	4.5	8.5					9.0	2.0		6.5			2.5	5.0	
5- 6		5.5	2.0	6.5	2.5	3.0	6.5	11.5	5.0	9.5						6.5	2.5	1.0	10.0	1.0			
6- 7		5.0	9.0	5.0	9.0	7.5	4.0	12.0	6.0	10.0						11.0	10.5		4.5	4.0			
7- 8		4.5	8.5	4.0	8.0	5.0	1.5	12.0	6.5	10.5						1.5		8.0					
8- 9		3.5	7.5	3.0	6.5	2.5	6.0	12.0	7.0	3.0	3.5			2.0		6.0		2.0	11.5				
9-10		3.0	7.0	9.5	5.5	7.0	3.5	12.0	8.0	3.5						10.5	2.0		5.5			2.0	
10-11		2.5	6.5	8.0	4.5	4.5	8.0	12.5	8.5	4.5			1.0			0.5	10.0	9.0					
11-12		2.0	5.5	7.0	3.0	1.5	5.0	12.5	9.0	5.0			10.0			5.0		3.5					
12-13		9.0	5.0	6.0	2.0	6.0	2.5	12.5	9.5	5.5		2.5				9.5			7.0				
13-14		8.0	4.5	4.5	8.5	3.5	7.0		10.5	6.0	3.0	3.5		9.0			1.5	10.5	1.5		4.0		
14-15		7.5	3.5	3.5	7.5	8.0	4.5		3.0	7.0			4.0		7.0	4.0	9.5	5.0		3.0			
15-16		7.0	3.0	2.5	6.0	5.5	2.0		3.5	7.5		5.0				8.5			8.5	6.0			
16-17		6.5	2.5	8.5	5.0	3.0	6.5		4.0	8.0			6.0					12.0	2.5				
17-18		5.5	1.5	7.5	4.0	7.5	4.0		4.5	9.0		6.5				3.5	1.5	6.0			1.0	5.0	
18-19		5.0	9.0	6.5	2.5	5.0	8.5		5.5	9.5	3.0		7.5	2.0		8.0	9.0	0.5	9.5				
19-20		4.5	8.0	5.0	9.0	2.0	6.0		6.0	10.0		8.5				12.5			4.0				
20-21		3.5	7.5	4.0	8.0	7.0	3.0		6.5	2.5			9.0	1.0		2.5		7.5					
21-22		3.0	7.0	3.0	6.5	4.0	7.5		7.5	3.0		10.0		10.0		7.0	1.0	2.0	11.0				
22-23		2.5	6.5	1.5	5.5	1.5	5.0		8.0	4.0			11.0			11.5	9.0		5.5	2.0	5.5	2.0	
23-24		1.5	5.5	8.0	4.5	6.0	2.5		8.5	4.5	3.0	11.5		9.0		1.5		9.0		5.0			
24-25		9.0	5.0	7.0	3.0	3.5	7.0		9.5	5.0			12.5		5.0	6.0		3.5	12.5				
25-26		8.0	4.5	6.0	2.0	8.0	4.5		10.0	6.0						10.5	0.5		7.0				
26-27		7.5	3.5	4.5	8.5	5.5	2.0		10.5	6.5						1.0	8.5	10.5	1.0		2.5		
27-28	4.5	7.0	3.0	3.5	7.5	3.0	6.5		3.0	7.0					12.5	5.5		4.5					
28-29		6.5	2.5	2.5	6.0	7.5	4.0		3.5	7.5	2.5			2.0		10.0			8.0				
29-30		5.5	1.5	9.0	5.0	4.5	8.5		4.5	8.5								11.5	2.5				
30-31		5.0	9.0	7.5	4.0	2.0	5.5		5.0	9.0						4.5	8.0	6.0		0.5		5.0	

	TU	TZ	TZ	UU	XZ	YY	AC	AK	AM	AM	TY	RZ	TV	TW	ZZ	AB	CW	CW	DZ	GT	IR	IS	IT
	CMA	CMA	CMA	CMA	CMI	CMI	CMI	CMI	CMI	CMI	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS
MAX	9.7	9.8	9.8	10.0	9.7	8.5	11.0	10.1	10.0	10.0	10.5	6.4	7.3	8.3	10.7	10.2	11.8	11.8	11.6	11.9	10.8	11.6	11.0
MIN	10.7	10.5	10.5	12.5	10.2	9.1	11.5	11.5	10.7	10.4	11.6	7.8	8.4	8.9	11.1	12.2	12.5	12.5	12.3	12.8	12.1	12.6	11.8
DUR	4	4	4	5	3	4	3	4	5	6	4	4	4	5	4	4	3	3	4	5	4	5	5
TOT																							
			(S)							(S)										(S)			
0- 1					1.0			8.5									7.0	3.5	3.0	5.5	2.0		
1- 2					4.5							4.0					6.0	2.0			10.5		
2- 3					8.5			1.0	0.5			8.5		4.0	2.5	7.5	5.0	1.0	11.5		3.0		8.0
3- 4		5.5				2.5	8.5	4.5	1.0						8.5		4.0	8.0	6.5	5.0	11.5	11.5	
4- 5					2.0	4.5	5.5	7.5	1.5								3.0	6.5	1.5		4.0		
5- 6			4.5		6.0	7.0	2.0		2.0							1.5	2.0	5.5				8.0	
6- 7									2.5				9.0	10.5		10.0	1.0	4.5	10.0	5.0	5.0		5.5
7- 8	3.0	1.5						3.5	3.0	11.0	3.5				2.0		7.5	3.5	4.5			4.0	
8- 9	6.0				3.0			6.5	3.5		8.0	4.5			8.0		6.5	2.5			6.0		
9-10			0.5	1.0	7.0				3.5				7.0			3.5	5.5	1.5		4.5			
10-11							7.0		4.0							12.5	4.5	0.5	8.0		7.0		3.0
11-12				5.0	0.5		4.0	2.5	4.5								3.5	7.0	3.0				
12-13					4.5		0.5	5.5	5.0				4.0	1.5			2.0	6.0		4.5	8.0		
13-14					8.5				5.5			3.0			7.5	6.0	1.0	5.0	11.5		0.5		
14-15						1.0			6.0			7.5					8.0	4.0	6.0		9.0		0.5
15-16					2.0	3.0		1.5	6.5		12.0	10.5					7.0	3.0	1.0	4.0	1.5		
16-17	3.5				5.5	5.5	9.0	4.5	7.0				10.5				5.5	2.0			10.0	9.0	
17-18						8.0	5.5	8.0	7.5	10.0		6.0			1.0	8.5	4.5	1.0	9.5		2.5		
18-19							2.5		8.0						6.5		3.5	7.5	4.5	4.0	11.0	5.0	
19-20					3.0			0.5	8.5		2.5	1.5	7.0				2.5	6.5			3.5		
20-21					7.0			4.0	9.0			7.0				2.0	1.5	5.5			12.0	1.5	
21-22								7.0				11.5				11.0	0.5	4.5	7.5	3.5	4.5		
22-23				1.0	0.5								3.5				7.0	3.5	2.5				
23-24					4.5		7.5								6.0		6.0	2.5				5.5	
24-25	1.0			5.0	8.0		4.0	3.0				12.0		12.0	4.5		5.0	1.0	11.0	3.5			
25-26	4.0						1.0	6.0				1.5					4.0	8.0	6.0		6.5		
26-27		4.0			2.0	2.0						6.5	7.5	10.5			3.0	7.0	0.5				
27-28					5.5	4.0						11.0					2.0	5.5		3.0	7.5	10.0	
28-29			3.0			6.5		2.0					3.0		5.5	7.0	1.0	4.5	9.5				
29-30						8.5		5.0	0.5					7.0	11.5		7.5	3.5	4.0		8.5	6.5	
30-31					3.0		6.0	8.5	1.0								6.5	2.5		3.0	1.0		

	MM	OR	OX	OX	PV	V364	V364	V375	V380	U	SU	WW	WZ	WZ	XX	ZZ	DK	DL	DV	EG	EK	GK	TT
	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CET
MAX	11.3	11.4	10.1	10.1	10.0	11.2	11.2	10.1	10.4	6.7	8.8	11.1	11.7	11.7	8.5	9.3	12.2	12.4	11.6	9.6	8.2	6.9	10.8
MIN	11.9	12.4	10.9	10.9	10.6	11.7	11.7	10.9	11.1	9.8	9.8	11.9	11.3	11.1	9.6	10.0	14.2	13.2	12.4	10.6	9.5	7.4	11.3
DUR	5	4	5	5	3	4	4	5	5	4	4	4	3	3	4	5	4	5	4	3	6	4	3
TOT										2													
				(S)			(S)							(S)									
0- 1		0.5	8.0											1.0	6.0			3.5	5.5	8.5		11.0	1.0
1- 2	0.5	6.5					10.0			7.0	12.5		7.0	2.0					9.5	10.5		9.5	0.5
2- 3	4.5	12.5				4.5		9.5			10.0		3.0	8.0								8.0	
3- 4	8.0								9.0		7.5		9.5	4.5	3.5			10.0		2.0		6.5	
4- 5	12.0			1.5	8.5		12.0				5.5		5.5	10.5						4.0		5.0	
5- 6			7.5					8.0			3.0		1.5	6.5	12.0			1.0		6.0		3.5	
6- 7		6.0			2.5		1.0		2.0	7.0	0.5	6.0	7.5	2.5					1.0	8.0		2.0	
7- 8		12.0							10.5				3.5	8.5					5.0	10.5	8.0		
8- 9								7.0					9.5	4.5		1.0		7.5	8.5	12.5			
9-10	3.0			1.0			3.0						5.5	0.5								1.5	
10-11	7.0		7.0						4.0				1.5	6.5	4.0	4.5						3.5	
11-12	10.5	6.0			8.5	10.5		5.5	12.5	6.5	10.5		7.5	2.5								6.0	
12-13		11.5					5.0						8.0									8.0	
13-14					2.5								5.5										
14-15				0.5				4.5	5.5				3.5			11.0			4.0	12.5		12.0	
15-16			6.5									1.0	10.5	2.0	7.0				8.0	1.5		10.5	
16-17	2.0	5.5		12.5		1.5				6.0			8.0	3.0				11.0	12.0	3.5	5.0	9.0	2.0
17-18	5.5	11.5						3.0					4.0	9.0	4.5					5.5		7.5	1.5
18-19	9.5				8.5		9.5		7.5				10.0	5.0						7.5		6.0	0.5
19-20						4.0							6.0	1.0	12.5							4.5	
20-21			6.0		2.5			1.5			10.5	1.0	2.0	7.0								12.0	3.0
21-22		5.0		12.0			11.5		0.5	6.0	8.5		8.0	3.0			12.5	8.5	3.5	1.0		1.5	
22-23		11.0				6.0			9.0				6.0	9.0						7.5	3.0		
23-24	0.5							0.5					3.5	10.0	5.0		0.5	12.0		11.0	5.5		
24-25	4.5						12.0						1.0	6.0	1.0	4.5			11.5		7.5		
25-26	8.5		5.5		8.5				2.0				2.0	7.5			4.0	11.0			9.5	1.5	
26-27	12.0	4.5		11.5			2.5		10.5	5.5			8.5	3.5				11.0	6.0		12.0		
27-28		10.5			2.5			10.5					4.5	9.5			7.5	10.5				1.0	
28-29						10.0							10.5	5.5				10.0		3.0	3.0		
29-30							4.5		4.0		11.0	6.0	6.5	1.5		11.0	10.0	12.0	6.5	5.0	11.5	11.5	
30-31			5.0					9.0	12.5				8.5				9.5		10.5	7.5		10.0	

	TW	TW	TX	RW	RW	RZ	RZ	SS	SS	CC	CC	U	RW	TW	W	W	RV	RV	V	Y	SW	WW	ZZ	
	CET	CET	CET	COM	COM	COM	COM	COM	COM	COM	COM	CRB	CRB	CRB	CRV	CRV	CRV	CRV	CRT	CYG	CYG	CYG	CYG	
MAX	10.4	10.4	10.9	11.0	11.0	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	9.5	7.0	9.3	9.9	10.7	
MIN	11.2	11.2	11.5	11.6	11.6	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	10.2	7.6	11.8	13.2	12.0	
DUR	3	3	4	3	3	3	3	4	4	2	2	5	4	4	4	4	4	4	4	6	5	5	4	
TOT			1																			2		
		(S)		(S)		(S)		(S)		(S)					(S)		(S)		(S)					
0- 1	1.0			3.5	0.5	1.5	5.5	6.5	1.5	4.0	1.5		4.5		8.5	3.5		4.0	6.0		11.5		12.0	
1- 2				2.0	5.0	2.0	6.0	2.5	7.0	1.0	4.0			5.0	3.0	7.5	7.5							
2- 3				1.0	3.5	2.5	6.5	8.0	3.0	3.5	1.0		8.5	9.0	7.0	2.0		10.0	8.5	9.0			9.5	
3- 4		1.0		5.5	2.5	2.5	6.5	4.0	9.0	1.0	3.5				11.0	6.0		4.0	1.5					
4- 5				4.0	1.5	3.0	7.0	9.5	4.5	3.5	0.5			3.5	5.5	10.0	7.0		11.0				6.5	
5- 6				3.0	6.0	3.5	7.5	5.5	10.5	0.5	3.0	10.5	6.5	8.0	9.5	5.0		9.5	4.0	9.0				
6- 7	1.5			1.5	4.5	4.0	8.0	1.0	6.0	3.0	5.5			12.0	4.0	8.5		3.5						
7- 8				0.5	3.5	4.0	8.0	7.0	2.0	5.5	3.0		11.0		8.0	3.5	7.0		6.5				10.0	
8- 9				5.0	2.0	4.5	0.5	2.5	7.5	2.5	5.5		4.0	6.5	2.5	7.5		9.5		9.0			1.0	
9-10				4.0	1.0	5.0	1.0	8.5	3.5	5.0	2.5			10.5	6.5	2.0		3.5	9.0			8.5	7.0	
10-11		0.5		2.5	5.5	5.5	1.0	4.5	9.0	2.5	5.0		8.5		10.5	6.0	6.5		1.5					
11-12				1.5	4.0	5.5	1.5	10.0	5.0	5.0	2.0			5.0	5.0	10.0		9.0		9.0				
12-13				6.0	3.0	6.0	2.0	6.0	1.0	2.0	4.5	8.5		9.5	9.0	4.5		3.0	4.5				10.5	
13-14	0.5			4.5	2.0	6.5	2.5	1.5	6.5	4.5	2.0		6.5		3.5	8.5	6.5							
14-15			2.0	3.5	0.5	7.0	2.5	7.5	2.5	1.5	4.5			4.0	7.5	3.0		9.0	7.0	9.0			8.0	
15-16				2.0	5.0	7.0	3.0	3.0	8.0	4.0	1.5	10.5	8.0	2.5	7.0	12.0	3.0							
16-17		1.0		1.0	4.0	7.5	3.5	9.0	4.0	1.5	4.0		4.0	12.5	6.0	11.0	6.0		9.5					
17-18			1.5	5.5	2.5	8.0	4.0	4.5	9.5	4.0	1.0				10.0	5.5		8.5	2.0	8.5			11.5	
18-19				4.5	1.5	8.5	4.0	10.5	5.5	1.0	3.5		8.5	6.5	5.0	9.5	12.0							
19-20	1.0			3.0	6.0	0.5	4.5	6.0	1.5	3.5	1.0	6.0		11.0	8.5	4.0	6.0		5.0			7.5	8.5	
20-21				2.0	4.5	1.0	5.0	2.0	7.0	0.5	3.5				3.5	8.0		8.5		8.5				
21-22				0.5	3.5	1.5	5.5	8.0	3.0	3.0	0.5		6.0	5.5	7.5	2.5	11.5		7.5				6.0	
22-23		1.5		5.0	2.0	1.5	5.5	3.5	8.5	5.5	3.0			9.5	2.0	6.5	5.5						12.0	
23-24				4.0	1.0	2.0	6.0	9.5	4.5	3.0	5.5	10.5			6.0	10.5		8.0	10.0	8.5	8.0			
24-25				2.5	5.5	2.5	6.5	5.0	10.0	5.5	2.5		4.0	4.0	10.0	5.0	11.5		2.5				9.5	
25-26				1.5	4.5	3.0	7.0	1.0	6.0	2.5	5.0			8.5	4.5	9.0	5.5							
26-27	0.5			6.0	3.0	3.0	7.0	6.5	1.5	5.0	2.5	4.0	8.0		8.5	3.5		8.0	5.5	8.5			6.5	
27-28				4.5	2.0	3.5	7.5	2.5	7.5	2.0	5.0				3.0	7.5	11.0							
28-29				3.5	0.5	4.0	8.0	8.0	3.5	4.5	2.0		12.5	7.0	7.0	2.5	5.0		8.0					
29-30		0.5		2.5	5.0	4.0	8.5	4.0	9.0	2.0	4.5		6.0	11.5	11.0	6.0		7.5		8.5		6.5	10.0	
30-31				1.0	4.0	4.5	0.5	10.0	5.0	4.5	1.5				5.5	10.0	11.0		10.5				1.0	

	AE	BR	CG	DK	KR	KV	V346	V387	V388	V401	V456	V466	V466	V477	V548	V704	1034	W	TT	TY	YY	FZ	Z
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA
MAX	11.8	9.4	11.0	10.3	9.2	11.5	11.8	11.5	9.7	10.8	10.8	10.8	10.8	8.3	8.9	13.8	9.6	9.4	10.6	9.6	11.0	10.2	10.8
MIN	12.8	10.5	11.8	10.8	10.0	12.6	13.6	12.3	10.3	11.6	11.9	11.6	11.6	9.2	9.7	14.6	10.6	12.7	12.5	10.8	12.0	11.3	13.6
DUR	4	4	3	4	4	5	5	3	3	4	3	4	4	4	5	4	4	7	5	4	4	3	4
TOT																		2					

(S)

0- 1				9.5																			10.0
1- 2								8.5		8.5	11.5	12.0				7.0					10.5	9.5	
2- 3			12.5			7.0				12.5	9.0			8.5		10.0							
3- 4	5.5						12.0																3.0
4- 5		5.5	10.0		10.5				10.0														11.5
5- 6										10.0					8.5			11.5			9.5		
6- 7				12.0				11.5					8.5			10.0				12.5			
7- 8		5.5		11.0											4.0								4.5
8- 9				9.5				9.5		8.0		11.0					12.5					11.0	
9-10			11.0		12.0					12.0	12.0			9.5			12.0				8.5		
10-11					8.5				10.5		9.5					10.0	11.0						
11-12	5.5	8.5									7.0						10.5						6.5
12-13										10.0							10.0			11.0			
13-14													7.5				9.5						
14-15			12.0	12.5			11.5								9.0	10.0	9.0		9.5				
15-16		5.5		11.0	10.0			10.5		8.0		10.0					8.5					12.0	8.0
16-17			9.5	9.5		12.0			10.5	12.0				10.5	4.5		8.0				12.0		
17-18								9.0			12.5		12.0				7.5						
18-19											10.0					9.5				10.0			1.5
19-20		5.5				8.0				10.0	7.5											10.0	10.0
20-21					11.5																11.0		
21-22	12.5		11.0		8.0																		
22-23	11.5			12.5				12.0	11.0	8.0		9.0				9.5							3.0
23-24	11.0	5.5	8.5	11.0					7.5	11.5				11.5	10.0								11.5
24-25	10.0			9.5				10.0					11.0								10.5		
25-26	9.5					10.5									5.0								
26-27	8.5		12.0		9.5			8.0		9.5	10.5					9.5						11.0	5.0
27-28		5.5									8.0					0.5							
28-29			9.5					11.5													9.5		
29-30								8.0	7.5		8.0							12.0					
30-31				12.5						11.5				12.5		9.5							6.5

	DI	HS	HS	LT	V728	WY	WY	AV	DF	DF	DI	DK	SW	SW	VX	AR	AW	CM	CO	CO	DG	GX	Y
	HER	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	HYA	HYA	LAC	LAC	LAC	LAC	LAC	LAC	LAC	LAC	LAC	LAC	LEO
MAX	8.4	8.5	8.5	10.7	10.9	10.3	10.3	10.2	11.0	11.0	11.0	10.5	9.2	9.2	10.9	7.3	10.6	8.5	10.5	10.5	10.8	10.1	9.5
MIN	9.1	9.0	9.0	11.1	11.5	11.1	11.1	10.6	11.5	11.5	12.0	11.0	10.0	10.0	12.3	8.2	11.3	9.5	11.0	11.0	12.0	10.4	12.7
DUR	6	4	4	4	3	3	3	4	4	4	4	4	3	3	4	6	5	4	5	5	4	6	5
TOT																2							
			(S)			(S)			(S)				(S)						(S)				
0- 1						9.0	0.5	6.0	3.0	7.0	3.5		0.5	12.0	12.5		10.5	10.5	6.5				
1- 2					12.0	2.5			2.5	6.5	9.0			11.5						0.5	1.5		
2- 3	10.5				10.5		4.0	7.0	2.5	6.5		1.0		10.5				1.0					5.5
3- 4			11.5		9.0	6.0			2.0	6.0	5.0	2.0		2.0					9.0			6.5	
4- 5		6.5			8.0		7.5	8.5	2.0	6.0		3.0	12.5	1.0						2.5			
5- 6					6.5		1.0	0.5	2.0	6.0	1.5	4.0	11.5								11.5		
6- 7					5.0	2.5		9.5	1.5	5.5	7.0	5.0	10.5				4.0		11.0				
7- 8					3.5		4.5	2.0	1.5	5.5		6.0	2.0				7.0			5.0			7.0
8- 9			9.5	6.0		6.0			1.0	5.0	3.0	7.0	1.0		1.0		10.5	11.0					
9-10				8.0	12.0		8.0	3.0	1.0	5.0	8.5	8.5		11.5									
10-11				10.0	11.0		1.0		1.0	5.0		9.5		11.0				1.5		7.0		4.5	
11-12				12.0	9.5	3.0		4.5	0.5	4.5	5.0			2.0					2.0				
12-13		11.0			8.0		4.5		0.5	4.5				1.5							2.0		8.5
13-14			7.5		6.5	6.5		5.5	8.0	4.0	1.0		12.0		10.0					9.0			
14-15					5.5		8.0		8.0	4.0	6.5	1.0	11.0		11.5		4.0		4.0		7.0		1.0
15-16					4.0		1.5	6.5	8.0	4.0		2.0	10.0				7.5						
16-17						3.0			7.5	3.5	3.0	3.0	1.5				10.5	11.5		11.0	12.0		
17-18		9.0			12.5		5.0	8.0	7.5	3.5	8.5	4.0	0.5	12.0						6.0			10.0
18-19					11.0	6.5			7.0	3.5		5.0		11.5				2.0					
19-20					10.0		8.5	9.0	7.0	3.0	4.5	6.5		10.5									2.5
20-21					8.5		1.5	1.5	7.0	3.0		7.5		1.5					8.0				
21-22			12.0	6.0	7.0	3.5		10.5	6.5	2.5	1.0	8.5	12.5	1.0						2.0			
22-23		7.0		8.0	5.5		5.0	3.0	6.5	2.5	6.5	9.5	11.5			12.0	4.0						11.5
23-24				10.0	4.5	7.0			6.0	2.5			10.5		2.0		7.5		10.0		3.0		
24-25				12.0			9.0	4.0	6.0	2.0	2.5		2.0			12.0	10.5	12.0		4.0			4.0
25-26							2.0		6.0	2.0	8.0		1.0								8.0		
26-27			10.0		11.5	4.0		5.0	5.5	1.5		1.0		11.5		11.5			12.0				
27-28					10.0		5.5		5.5	1.5	4.5	2.0		11.0	9.0					6.0			
28-29					8.5	7.5		6.5	5.0	1.5		3.0		2.0	11.0	11.0			1.0				
29-30					7.5	0.5	9.0		5.0	1.0	0.5	4.5		1.5				7.5				6.5	5.0
30-31		11.5			6.0		2.5	7.5	5.0	1.0	6.0	5.5	12.0			10.5	4.0			8.0			

	V501	V508	V839	1010	EF	EF	EQ	ER	ER	ET	FH	FL	FR	FT	FZ	FZ	GU	GU	U	U	TY	UX	AQ
	OPH	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	PEG	PEG	PEG	PEG	PEG
MAX	10.9	10.1	8.8	6.2	12.6	12.6	10.3	9.5	9.5	11.2	10.5	10.5	11.0	9.1	10.7	10.7	12.6	12.6	9.7	9.7	10.5	10.7	10.3
MIN	11.8	10.7	9.4	7.0	14.1	12.8	13.3	10.2	10.2	12.4	11.5	13.2	11.9	9.7	11.3	11.3	13.5	13.5	10.5	10.5	12.6	12.0	13.0
DUR	4	3	3	4	6	6	4	3	3	5	5	3	4	4	3	3	4	4	3	3	6	5	12
TOT																							4
					(S)			(S)							(S)		(S)		(S)				(2)
0- 1		11.0	8.5	12.5		7.0			5.0				6.0		1.5	6.5		4.5		0.5			
1- 2		12.0			2.5		3.5		1.5		1.0		3.5		6.5	1.5		3.0		12.5			
2- 3			9.5	12.0				3.0					0.5		1.5	6.5	7.5	1.5					
3- 4									4.5		4.5				6.5	1.5	6.0						
4- 5		6.0	10.5	12.0					0.5						1.5	6.5	4.5			12.5			
5- 6		7.0				4.0		2.0							6.5	1.5	3.0						
6- 7		8.0	11.5	11.5					3.5						1.5	6.5	1.5	7.5					
7- 8		8.5	7.5					5.0							6.5	1.5		6.0		12.5		10.5	
8- 9		9.5		11.0			3.0	1.0		5.0			5.0		1.5	6.5		4.5					
9-10		10.5	8.5		5.0				2.5	4.0			2.0		6.5	1.5		3.0					
10-11		11.0		10.5				4.0		2.5					1.5	6.5	7.5	1.5		12.5			
11-12		12.0	9.5						5.5	1.5					6.5	1.5	6.0						
12-13				10.5					1.5						1.5	6.5	4.5						
13-14			10.5		6.0		3.0				3.0				6.5	1.5	3.0			12.0	1.0		
14-15		6.0		10.0	1.5				4.5						1.5	6.5	1.5	7.5					
15-16		7.0	11.5			2.5			1.0				6.5	0.5	6.5	1.5		6.0					
16-17		8.0	7.0	9.5				2.5			2.5	5.5	3.5		1.5	6.5		4.5		12.0			
17-18		8.5			7.5				3.5				1.0		6.5	1.5		3.0	1.5				
18-19		9.5	8.5	9.0		2.5		5.0			6.0			4.0	1.5	6.5	7.5	1.5					
19-20	12.0	10.5						1.5							6.5	1.5	6.0			12.0			
20-21	11.0	11.0	9.5	8.5					3.0						1.5	6.5	4.5		1.5				
21-22	10.5	12.0							4.0					8.0	6.5	1.5	3.0						
22-23	9.5		10.5	8.5	4.0		2.0	0.5							1.5	6.5	2.0	7.5		12.0			
23-24	9.0								2.0				5.0		6.5	1.5		6.0	1.5				
24-25	8.0	6.0	11.5	8.0				3.5					2.5		1.5	6.5		4.5				10.5	
25-26	7.5	7.0	7.0						4.5						6.5	1.5		3.0		12.0			
26-27	6.5	8.0		7.5		5.0			1.0						1.5	6.5	7.5	2.0	1.5				
27-28		8.5	8.5		0.5			2.5		5.5	2.0				6.5	1.5	6.0						11.0
28-29		9.5		7.0					4.0	4.5					1.5	6.5	4.5			12.0	12.0		
29-30		10.5	9.5			2.0	5.5		3.0						6.5	1.5	3.0		1.5				
30-31		11.0		7.0	6.0			1.5		2.0	4.5	7.0			1.5	6.5	2.0	7.5					

MAS Eclipsing Binary Ephemeris for March 2017

all times in U.T.

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	AQ	AQ	BB	BB	BX	DI	GP	KW	KW	Z	RT	RV	ST	XZ	IQ	IQ	IT	IU	KW	V432	BETA	AE	AE
	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PER	PER	PER	PER	PER	PER	PHE	PHE
MAX	10.3	10.3	10.6	10.6	10.9	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	7.5	7.5
MIN	13.0	13.0	11.2	11.2	11.5	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	8.2	8.2
DUR	12	12	3	3	3	2	4	3	3	6	4	8	5	4	5	5	4	5	4	3	8	2	2
TOT	4	4								2			1										
		(3)		(S)																			(S)
0- 1					9.5					12.5							2.0	6.5	9.5				
1- 2				12.0	12.5					12.0	11.5							3.0	7.5	2.5			
2- 3										11.5			2.0							6.0	6.0		
3- 4			11.5		11.5	12.0	11.0		12.0		7.5						3.5		4.5	0.5			
4- 5							10.0				4.0			2.5		6.0			2.5	4.0			
5- 6	10.5			11.0	10.5									6.0	5.0				1.0				
6- 7										11.5							5.0	6.5		2.0			
7- 8			11.0		9.5													3.0		6.0			
8- 9					12.5	11.5			10.0														
9-10				10.5							6.0										4.0		
10-11					11.5		11.0				2.5		1.0										
11-12																	5.5			2.0		0.5	
12-13			12.5		10.5	1.0			12.0					4.0	4.5			6.5	12.0	5.5			
13-14														7.5				3.0	10.0				0.5
14-15				12.0	10.0														8.5	3.5	4.5		
15-16											5.0								7.0	7.0			
16-17	11.0		12.0		9.0						1.5								5.5	1.5			
17-18					12.0	0.5			9.5										3.5	5.0	1.5		
18-19				11.5													5.0	6.5	2.0				
19-20					11.0		1.5	10.5						1.5	3.5			3.0			3.0		
20-21			11.5				1.0				7.0			5.5							6.5		
21-22					10.0				11.5		3.5										1.0		
22-23				11.0																	4.5		
23-24					9.0			12.5									2.0						
24-25		10.5			12.0													6.5			2.5		
25-26																4.0		3.0			6.0		
26-27					10.5	11.0					6.0				3.0		3.5		11.0		0.5		
27-28					12.5						2.5	6.5		3.0					9.5		4.0		
28-29					10.5			10.0						7.0					8.0				
29-30		12.0										6.0					5.0		6.0	2.0			
30-31					9.5				11.0									6.5	4.5	6.0			

	Y	RV	UZ	UZ	AV	U	V505	1968	RS	AO	CC	CC	Y	RW	RZ	TY	WY	AC	AM	AQ	CT	EQ	EQ	
	PSC	PSC	PUP	PUP	PUP	SGE	SGR	SGR	SER	SER	SER	SER	SEX	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	
MAX	9.0	11.3	9.7	9.7	10.2	6.4	6.4	12.3	10.8	10.6	11.1	11.1	9.8	8.0	10.5	11.5	11.5	10.5	10.4	12.0	10.2	10.3	10.3	
MIN	12.0	12.0	10.6	10.3	10.8	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	12.3	12.9	11.5	11.0	11.0	
DUR	7	3	4	4	3	6	5	4	4	4	4	4	3	4	3	2	4	6	5	5	5	3	3	
TOT						2								1										
				(S)																			(S)	
0- 1			6.5		3.0				10.0		8.0		2.0		2.5		6.0					1.5	5.5	
1- 2			2.0		5.5		10.5	9.5			8.5		8.0								4.0	2.0		
2- 3				6.5	8.5						9.5		4.5		4.0		8.0			3.5		2.5		
3- 4				1.5					9.5	10.0	10.0	4.0	0.5				0.5				4.0	3.0		
4- 5		2.0	6.0							7.5	11.0	5.0	6.5		6.0								4.0	
5- 6			1.0		3.0					4.5	11.5	5.5	3.0		2.0		2.5					4.0	4.5	
6- 7			6.0	5.5			11.0	9.5		12.5	6.5	9.0	5.5	5.5		0.5						5.0	1.0	
7- 8			1.0								7.0	5.0		4.0	2.5	4.5					4.0	5.5	1.5	
8- 9			5.5								8.0	1.5				4.0			5.5				2.0	
9-10		1.5	0.5		0.5	10.5			9.5		8.5	7.5		6.0	6.0	6.5					4.0		2.5	
10-11			5.0	3.0			10.0			11.0		9.5	3.5		2.0								3.0	
11-12	12.5			6.0						8.0	4.0	10.0	10.0				8.0					4.0	3.5	
12-13			5.0						9.0	5.0	4.5	11.0	6.0		3.5		1.0		1.0				4.5	
13-14											5.5	11.5	2.5							2.0	4.0	1.0	5.0	
14-15		1.0		4.5	0.5		10.5	8.5			6.5	12.5	8.5		5.5		2.5		2.0	7.5		1.5	5.5	
15-16		4.0			3.5			11.5	9.0		7.0		4.5		1.5						4.0	2.0		
16-17			4.0		6.0						8.0		1.0				4.5		3.0				2.5	
17-18										12.0	8.5		7.0		3.5							4.0	3.0	
18-19				4.0					8.5	9.0	9.5		3.0				6.5		4.0				3.5	
19-20		1.0			1.0		10.0			6.0	10.0	4.0	9.5		5.0						4.0	4.0	4.5	
20-21		3.5	3.5		3.5						11.0	4.5	5.5	2.0	1.0	0.5		0.5	5.5				5.0	0.5
21-22					6.5				8.5		11.5	5.5	1.5			2.5	1.0				4.0	5.5	1.5	
22-23				3.5							12.5	6.0	8.0		3.0	4.5		1.5	6.5				2.0	
23-24							8.5				7.0	4.0				6.0	3.0					4.0	2.5	
24-25		0.5	3.0		1.0		12.0	8.0			8.0	10.5		5.0			2.5	7.5	1.0				3.0	
25-26		3.0		7.5	3.5					10.0		8.5	6.5		1.0		4.5			6.0	4.0		3.5	
26-27				2.5	6.5	8.0				7.0		9.5	2.5					3.5					4.0	
27-28			7.5				11.0		8.0	4.0	4.0	10.0	9.0		3.0		6.5				4.5	0.5	5.0	
28-29			2.5					10.5			4.5	11.0	5.0					4.5					1.5	5.5
29-30				7.0	1.0						5.5	11.5	1.0		4.5							4.5	2.0	
30-31		3.0		2.0	4.0						6.0	12.5	7.5		0.5		1.0			2.5			2.5	

	HU	V	X	RS	RV	W	W	TX	TY	TY	UX	UX	VV	XZ	ZZ	AF	W	RU	VV	AG	AH	AH	AK
	TAU	TRI	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	UMI	VIR	VIR	VIR	VIR	VIR
MAX	6.0	10.9	8.9	10.3	11.4	9.1	9.1	6.8	11.7	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
MIN	6.8	11.9	12.0	11.0	12.5	9.9	9.9	8.9	12.4	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
DUR	6	4	4	4	4	3	3	6	3	3	1	1	3	3	4	8	7	4	4	4	4	4	4
TOT																							

						(S)	(S)														(S)		
0- 1						3.0	7.0		2.5	6.5	4.0	8.5						10.0	11.5	5.0	5.5	0.5	8.5
1- 2		3.0			2.0	3.0	7.0	11.0	4.0	8.5	8.5	3.5	8.5	1.0			6.0	11.0	9.0	12.0	1.0	6.0	
2- 3						3.0	7.0		5.5	1.5	3.0	8.0	1.0	6.5				12.5	6.5	3.5	6.5	1.5	
3- 4						3.0	7.0		7.0	3.0	7.5	3.0	10.0	12.0		2.0		1.0	4.0	10.5	2.0	6.5	
4- 5		1.5			2.5	3.0	7.0	12.5	8.5	4.5	2.5	7.0	2.5					2.0	12.0	1.5	7.0	2.5	
5- 6						3.0	7.0		1.5	6.0	6.5	2.0	11.5					3.5	9.5	8.5	2.5	7.5	
6- 7						3.0	7.0		3.0	7.5	1.5	6.5	4.0		6.0		8.5	4.5	6.5		8.0	3.0	7.5
7- 8					2.5	3.0	7.0		4.5	9.0	6.0	1.0		4.0				5.5	4.0	7.0	3.5	8.5	12.5
8- 9		4.0				3.0	7.0		6.0	2.0	1.0	5.5	5.5	9.5		8.5	1.0	7.0	12.5		9.0	4.0	
9-10						3.0	7.0		7.5	3.5	5.0	0.5						8.0	9.5	5.0	4.5	9.5	
10-11					3.0	3.0	7.0		0.5	5.0	9.5	5.0	7.0					9.5	7.0	12.0	10.0	5.0	
11-12		2.0				3.0	7.0		2.5	6.5	4.5	9.0					11.0	10.5	4.5	3.5	5.5	0.5	
12-13			4.5			3.0	7.0		4.0	8.0	8.5	4.0	8.5	1.5				11.5		10.0	1.0	6.0	7.0
13-14			3.5		3.5	3.0	7.0		5.5	1.0	3.5	8.5	1.0	6.5	3.5		3.5		10.0	1.5	6.5	1.5	11.5
14-15			3.0	2.5		3.5	7.5		7.0	2.5	8.0	3.0	10.0	12.0				1.5	7.5	8.5	2.0	7.0	
15-16	1.5		2.5			3.5	7.5		8.5	4.0	3.0	7.5	2.5		10.5			2.5	5.0		7.5	2.5	
16-17			1.5		3.5	3.5	7.5		1.5	5.5	7.0	2.5	11.5					4.0		7.0	3.0	7.5	
17-18	3.0		1.0			3.5	7.5		3.0	7.0	2.0	6.5	4.0					5.0	10.5		8.0	3.5	
18-19		2.5				3.5	7.5		4.5	8.5	6.5	1.5		4.0			6.0	6.5	8.0	5.0	3.5	8.5	6.0
19-20	4.5				4.0	3.5	7.5		6.0	1.5	1.0	6.0	5.5	9.5				7.5	5.5	12.0	9.0	4.0	10.5
20-21						3.5	7.5		7.5	3.0	5.5	1.0			1.0			8.5		3.5	4.5	9.5	
21-22	6.0	1.0				3.5	7.5		0.5	5.0	10.0	5.0	6.5					10.0	11.0	10.0	10.0	5.0	
22-23					4.5	3.5	7.5		2.0	6.5	4.5	9.5			8.0			11.0	8.0	1.5	5.5	0.5	
23-24						3.5	7.5		3.5	8.0	9.0	4.5	8.0	1.5			8.5	12.5	5.5	8.5	1.0	6.0	
24-25						3.5	7.5		5.0	1.0	4.0	8.5	0.5	6.5		3.0		1.0			6.5	1.5	5.5
25-26		3.0			5.0	3.5	7.5		6.5	2.5	8.0	3.5	9.5	12.0			1.5	2.0	11.0	6.5	2.0	7.0	10.0
26-27						3.5	7.5		8.0	4.0	3.0	8.0	2.0					3.5	8.5		7.5	2.5	
27-28						3.5	7.5		1.0	5.5	7.5	2.5	11.0					4.5	6.0	5.0	3.0	8.0	
28-29		1.5			5.0	3.5	7.5		2.5	7.0	2.5	7.0	3.5				11.0	5.5		12.0	8.0	3.5	
29-30						3.5	7.5	0.5	4.0	8.5	6.5	2.0		4.0	5.5	9.0		7.0	11.5	3.5	4.0	8.5	
30-31						3.5	7.5		6.0	1.5	1.5	6.0	5.0	9.5			4.0	8.0	9.0	10.0	9.0	4.5	4.5

	AW	AW	AX	AZ	AZ	BH	MS	MS	NY	Z	AW	AY	BE	BO	BS	BT	BU	CD	V495	V495	
	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	10.8	10.8	10.0	11.0	11.0	9.9	9.4	9.4	13.3	7.4	10.8	11.0	9.9	10.4	11.0	11.8	10.6	11.5	9.6	9.6	
MIN	11.9	11.9	10.8	11.8	11.8	11.3	9.7	9.7	14.2	9.2	11.9	12.9	11.4	13.3	11.5	12.5	11.4	12.6	10.0	10.0	
DUR	3	3	4	3	3	4	3	3	1	6	5	4	5	4	3	3	3	4	4	4	
TOT																					
		(S)			(S)			(S)												(S)	
0- 1	3.5	8.0		3.5	7.5		11.0	7.5	5.0						9.5					9.5	
1- 2	5.0	9.5	10.0	4.5	8.5		9.5	6.0	2.5						8.5		9.5				
2- 3	6.5	2.5	3.0	5.5	10.0	8.0	8.0	4.5	3.0						7.5						
3- 4	8.0	4.0		7.0	2.5	4.0	6.5	10.5	3.0	12.0	9.5							9.0			
4- 5	9.5	5.5	5.5	8.0	4.0		5.0	9.0	3.5												
5- 6	2.5	7.0		9.0	5.0		11.0	7.5	3.5								9.5	10.0			
6- 7	4.0	8.5	8.0	10.5	6.0	10.0	9.5	6.0	4.0						10.0						
7- 8	5.5	9.5		3.0	7.5	6.0	8.0	4.5	4.0		10.0	10.5						11.5			
8- 9	7.0	2.5	10.5	4.5	8.5		6.5	10.5	4.5	10.0			8.5		12.0				11.5		
9-10	8.5	4.0	3.5	5.5	9.5		5.0	9.0	4.5						10.5		9.0				
10-11	10.0	5.5		6.5	2.5	12.0	11.0	7.5	5.0						12.5	9.5	12.0				
11-12	3.0	7.0	6.0	8.0	3.5	8.0	9.5	6.0	2.5		11.0		11.0		8.5						
12-13	4.5	8.5		9.0	5.0	3.5	8.0	4.5	3.0						11.0						
13-14	6.0	10.0	8.5	10.0	6.0		6.5	10.5	3.0	7.5							8.5		9.5	11.0	
14-15	7.5	3.0		3.0	7.0		5.0	9.0	3.5						9.5		9.5	12.0			
15-16	9.0	4.5	11.5	4.0	8.5	10.0	11.0	7.5	3.5		11.5										
16-17	10.5	6.0	4.0	5.5	9.5	5.5	9.5	6.0	4.0					8.5				8.5			
17-18	3.5	7.5		6.5	2.5		8.0	4.5	4.0								8.0				
18-19	5.0	9.0	7.0	7.5	3.5		6.5	10.5	4.5						11.5		11.5	10.0		9.0	
19-20	6.5	10.5		9.0	4.5	12.0	5.0	9.0	4.5		12.5	12.0			10.5						
20-21	8.0	3.5	9.5	10.0	6.0	7.5	11.0	7.5	5.0						9.5			11.0			
21-22	9.5	5.0	2.0	3.0	7.0	3.0	9.5	6.0	2.5						8.0						
22-23	2.5	6.5	12.0	4.0	8.0		8.0	4.5	3.0				8.0				9.5	11.0	12.5		
23-24	4.0	8.0	5.0	5.0	9.5		6.5	10.5	3.0												
24-25	5.5	9.5		6.5	10.5	9.5	5.0	9.0	3.5		8.5										
25-26	7.0	2.5	7.5	7.5	3.5	5.0	11.0	7.5	3.5				10.5								
26-27	8.5	4.0		8.5	4.5		9.5	6.0	4.0								10.5		11.5		
27-28	10.0	5.5	10.0	10.0	5.5		8.0	4.5	4.0												
28-29	3.0	7.0	3.0	2.5	7.0	11.5	6.5	10.5	4.5		9.5				11.5						
29-30	4.0	8.5	12.5	4.0	8.0	7.0	5.0	8.5	4.5						10.5			8.5			
30-31	5.5	10.0	5.5	5.0	9.0		11.0	7.0	5.0	12.0					9.5	9.0	10.0				