

MAS Eclipsing Binary Ephemeris for October 2018

all times in U.T.

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	RT	TW	UU	WZ	XZ	AB	AB	AD	BD	BX	DS	QX	QX	RY	CX	CZ	XZ	KO	KP	OO	OO	V342	V343
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	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	11.3	8.6	10.8	11.3	11.3	8.8	10.7	10.3	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	11.7	9.5	11.4	11.6	11.6	10.1	12.0	11.2	11.2	9.3	10.5	10.1	10.1	12.5	12.3
DUR	3	11	8	4	3	3	3	4	3	4	4	3	3	5	3	3	7	5	4	3	3	7	4
TOT		2																					3
								(S)			(S)		(S)									(S)	
0- 1	7.0			0.0	0.5	2.5	6.5	12.0	4.0	6.5	0.5	8.5	3.5		7.0	7.5				6.0			
1- 2			1.5	9.5	9.0	2.5	6.5	11.5	2.5	11.5	0.5	4.0	9.0			4.0				6.0	0.0		
2- 3	4.0			2.5		2.5	6.5	11.0	0.5	2.5	1.0	10.0	5.0			1.0	2.0					0.5	
3- 4	10.0			11.5		2.0	6.0	11.0	10.0	7.5	1.0	5.5	0.5		1.5						0.5	0.0	
4- 5	1.5		1.0	4.5	2.0	2.0	6.0	10.5	8.0		1.5	1.5	6.5		4.5		5.5				1.0		
5- 6	7.5				11.0	2.0	6.0	10.0	6.5	3.5	1.5	7.0	2.0	6.0	7.0						1.5		
6- 7				6.5		2.0	6.0	10.0	4.5	9.0	2.0	3.0	8.0								1.5		
7- 8	5.0		0.0			2.0	6.0	9.5	3.0		2.0	8.5	3.5	5.5		5.0					2.0		5.5
8- 9	11.0		12.0	8.5	4.0	1.5	5.5	9.0	1.0	5.0	2.5	4.5	9.0		1.5	2.0			5.0		2.5		
9-10	2.0	0.0		1.5		1.5	5.5	9.0	10.5	10.0	2.5	0.0	5.0	4.5	4.5						2.5		2.0
10-11	8.5			10.5		1.5	5.5	8.5	8.5	0.5	3.0	5.5	1.0		7.0						3.0		
11-12			11.0	3.5		1.5	5.5	8.0	7.0	6.0	3.0	1.5	6.5	3.5							3.5		
12-13	5.5				5.5	1.0	5.0	8.0	5.0	11.5	3.5	7.0	2.5					2.0			3.5		
13-14	12.0	3.0		5.5		1.0	5.0	7.5	3.5	2.0	3.5	3.0	8.0	3.0	2.0	6.0					4.0	4.0	
14-15	3.0		10.5			1.0	5.0	7.0	1.5	7.0	4.0	8.5	3.5		4.5	2.5					4.5		
15-16	9.0			7.5		1.0	5.0	7.0	11.0		4.0	4.5	9.5	2.0	7.0						4.5		
16-17	0.0			0.0	7.5	1.0	5.0	6.5	9.0	3.0	4.5	0.0	5.0								5.0		
17-18	6.5	6.0	10.0	9.5		0.5	4.5	6.0	7.5	8.5	4.5	6.0	1.0	1.5			1.5				5.5		
18-19				2.5		0.5	4.5	6.0	5.5		5.0	1.5	6.5		2.0						5.5		
19-20	3.5			11.5	0.5	0.5	4.5	5.5	3.5	4.5	5.0	7.5	2.5	0.5	4.5	7.0	5.0				6.0		
20-21	10.0		9.0	4.5	9.0	0.5	4.5	5.0	2.0	9.5	5.5	3.0	8.0		7.0	3.5				0.0			3.5
21-22	1.0	9.0				0.5	4.5	5.0	0.0	0.5	5.5	9.0	4.0			0.5				0.5			
22-23	7.0			6.5		0.0	4.0	4.5	9.5	5.5	6.0	4.5	9.5								1.0		
23-24			8.5		2.5	0.0	4.0	4.0	7.5	11.0	6.0	0.5	5.5		2.0						1.0		
24-25	4.5			8.5	11.0	0.0	4.0	4.0	6.0	1.5	6.5	6.0	1.0		4.5						1.5		
25-26	10.5			1.5		8.0	4.0	3.5	4.0	7.0	6.5	2.0	7.0		7.5	8.0			1.0	2.0			
26-27	1.5		8.0	10.5		8.0	4.0	3.0	2.5	12.0	7.0	7.5	2.5			4.5					2.0		
27-28	8.0			3.5	4.0	7.5	3.5	3.0	0.5	2.5	7.0	3.5	8.5			1.5					2.5		
28-29						7.5	3.5	2.5	10.0	8.0	7.5	9.0	4.0		2.0						3.0		
29-30	5.0		7.0	5.5		7.5	3.5	2.0	8.0		7.5	5.0	9.5		4.5						3.0		
30-31	11.5					7.5	3.5	2.0	6.5	4.0	8.0	0.5	5.5		7.5						3.5		3.0

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

	TU	TU	TY	TY	TZ	TZ	VW	VW	AD	AD	Y	SV	AL	CD	CD	R	RT	SX	TU	TZ	TZ	UU	XZ
	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA	CMA	CMA	CMA	CMA	CMI
MAX	11.7	11.7	11.8	11.8	10.6	10.6	10.5	10.5	9.8	9.8	10.6	8.6	10.5	11.6	11.6	6.2	11.4	10.3	9.7	9.8	9.8	10.0	9.7
MIN	12.7	12.7	12.3	12.3	11.1	11.1	11.0	11.0	10.4	10.2	12.4	9.4	11.3	11.8	11.8	6.8	12.9	11.4	10.7	10.5	10.5	12.5	10.2
DUR	3	3	3	3	3	3	3	3	4	4	6	3	5	5	5	4	5	4	4	4	4	5	3
TOT																							
		(S)		(S)		(S)		(S)		(S)					(S)						(S)		
0- 1		1.5				2.5						9.0			7.5								10.0
1- 2		0.5		2.0	3.0								6.5	11.0	2.0					11.5			
2- 3		0.0		1.0	0.5					0.5		3.5		5.5									
3- 4						1.5	0.5		1.5			8.0			9.0		9.5	10.5			11.0		7.5
4- 5			2.5		2.5									12.5	3.0				10.5				11.5
5- 6			1.0									3.0	6.0	6.5		9.0							
6- 7	1.5		0.0			1.0						7.5		1.0	10.0	12.0						8.0	
7- 8	0.5			2.5	2.0						4.5	11.5			4.5								9.0
8- 9	0.0			1.5		3.0						2.0		8.0								12.0	
9-10				0.5		0.5		0.0				6.5	5.5	2.5	11.5								
10-11					1.0			1.0			12.0	11.0			6.0								
11-12			2.0			2.0						1.0		9.5	0.5								10.0
12-13		1.5	0.5		3.0							5.5		4.0			11.0		8.0				
13-14		0.5			0.5							10.0	5.5		7.5				11.0				
14-15		0.0		2.0		1.5						0.5		11.0	1.5	11.0							7.5
15-16				1.0	2.5							5.0		5.0									11.0
16-17							0.5					9.0			8.5		8.0	10.5					
17-18			2.5			1.0					2.5		5.0	12.0	3.0								
18-19	1.5		1.5		2.0							4.0		6.5									8.5
19-20	0.5		0.0			2.5						8.5		1.0	10.0							8.0	
20-21	0.0			3.0		0.0					10.0				4.5								
21-22				1.5	1.0							3.0	4.5	8.0			12.5		8.5			12.0	
22-23				0.5		2.0		0.5				7.5		2.0	11.5	10.0			11.5				10.0
23-24					3.0							12.0			5.5								
24-25		1.5	2.0		0.5							2.5		9.0	0.0				10.0				
25-26		0.5	0.5			1.5						7.0	4.5	3.5			9.5						7.5
26-27					2.5							11.0	12.0		7.0						9.5		11.0
27-28				2.0		3.5				0.5		1.5		10.5	1.5								
28-29				1.0		0.5	0.0					6.0		5.0									
29-30					1.5		0.5					10.5	4.0		8.5			10.5					8.5
30-31	1.5		2.5			2.5					8.0	0.5	12.0	12.0	3.0	8.5			9.0				12.5

	YY	AC	AK	AM	AM	RW	TY	RZ	TV	TW	ZZ	AB	CW	CW	DZ	GT	IR	IS	IT	IV	MM	OR	OX
	CMI	CMI	CMI	CMI	CMI	CAP	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS
MAX	8.5	11.0	10.1	10.0	10.0	9.8	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	11.2	11.3	11.4	10.1
MIN	9.1	11.5	11.5	10.7	10.4	10.8	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	12.5	11.9	12.4	10.9
DUR	4	3	4	5	6	5	4	4	4	5	4	4	3	3	4	5	4	5	5	5	5	4	5
TOT																							

	(S)											(S)											
0- 1				9.5					3.5	5.0	3.0	3.5	0.5	4.5	9.0		8.5		1.0	1.0	2.5	7.0	
1- 2			9.5	10.0							8.5	12.5	7.0	3.5	4.0	6.0	1.0			1.0	6.0		8.0
2- 3				10.5		1.0	2.5						6.0	2.5			9.5			1.0	10.0		
3- 4				11.0				1.5		1.5			5.0	1.0	12.5		2.0			1.0			
4- 5				11.5				6.0		12.0		6.0	4.0	0.0	7.0	6.0	10.5			1.0		0.5	
5- 6		9.5	8.5	12.0				11.0			2.0		3.0	7.0	2.0		3.0			1.0		6.5	
6- 7			11.5	12.5							8.0		2.0	6.0			11.5	9.5		1.0		12.5	7.5
7- 8									9.5	8.5			1.0	4.5	10.5	5.5	4.0			1.0	1.5		
8- 9												8.5	7.5	3.5	5.5		12.5	6.0		1.0	5.0		
9-10	9.5			7.5		5.5	1.0	5.0					6.5	2.5	0.0		5.0			1.0	9.0	0.0	
10-11	12.0			11.0			5.5	5.0	5.0	1.5			5.5	1.5		5.5		2.0		1.0		6.0	
11-12		11.0						10.0	0.5		7.5	2.0	4.5	0.5	8.5		6.0			0.5		12.0	7.0
12-13		8.0				2.0						11.0	3.5	7.0	3.5					0.5			
13-14										1.5			2.5	6.0		5.0	7.0			0.5			
14-15			10.0							11.5			1.5	5.0	12.0					0.5	0.0		
15-16								0.5			1.0	4.5	0.0	4.0	7.0		8.0			0.5	4.0	5.5	
16-17								5.0	11.0		7.0		7.0	3.0	1.5	5.0	0.0			0.5	7.5	11.5	6.5
17-18								9.5		8.5			6.0	2.0			9.0	11.0		0.5	11.5		
18-19		9.5	9.0						6.5				5.0	1.0	10.5		1.0			0.5			
19-20			12.0			0.0	4.5					7.0	3.5	7.5	5.0	4.5	10.0	7.0		0.5			
20-21	8.0								2.0	5.0	0.5		2.5	6.5			2.0			0.5		5.0	
21-22	10.5										6.0		1.5	5.5			11.0	3.5		0.5		11.0	6.0
22-23			8.0		7.5		1.0	4.5			12.0	0.5	0.5	4.5	8.5	4.5	3.0			0.5	2.5		
23-24			11.0		8.0			9.0		1.5		9.0	7.0	3.5	3.5		12.0		10.0	0.5	6.5		
24-25		11.5			8.5					11.5			6.0	2.5			4.0			0.5	10.5		
25-26		8.0			9.0								5.0	1.5	12.0	4.0				0.0		5.0	
26-27					9.5						5.5	3.0	4.0	0.0	6.5		5.0			0.0		10.5	5.5
27-28			10.5		9.5				8.0	8.5	11.5	11.5	3.0	7.0	1.5				7.5	0.0			
28-29					10.0			4.0					2.0	6.0		4.0	6.0	12.0		0.0			
29-30					10.5	4.5	4.0	8.5	3.5				1.0	5.0	10.0					0.0	1.5		
30-31					11.0					5.0		5.5	7.5	3.5	5.0		7.0	8.5		0.0	5.5	4.5	

	OX	PV	V364	V364	V375	V380	U	SU	WW	WZ	WZ	XX	ZZ	DK	DL	DV	EG	EK	GK	SS	TT	TW	TW
	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CET	CET	CET	CET
MAX	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	9.4	10.8	10.4	10.4
MIN	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	13.0	11.3	11.2	11.2
DUR	5	3	4	4	5	5	4	4	4	3	3	4	5	4	5	4	3	6	4	5	3	3	3
TOT							2													2			
	(S)		(S)							(S)													(S)
0- 1	2.5		7.0					7.5		0.5	5.5						7.0		0.5		7.5	6.0	
1- 2		6.0		1.5		5.0		5.0		6.5	1.5	11.5				1.5	9.0				6.5	4.5	
2- 3					11.0			3.0	8.5	2.5	7.5			12.5		5.0	11.0			9.5	6.0	3.5	7.5
3- 4			9.0				4.5	0.5		8.5	3.5		1.0	12.0	5.5	9.0	0.0				5.5		6.0
4- 5				3.5						5.0	10.0			11.5			2.5				4.5		5.0
5- 6	2.0				9.5	7.0				1.0	6.0		4.5	11.5			4.5			8.5	4.0	7.5	3.5
6- 7		12.0	11.0							7.0	2.0	4.0		11.0	12.0		6.5				3.5	6.5	
7- 8				5.5						3.0	8.0		8.0	10.5			8.5				2.5	5.0	
8- 9		6.0	0.0		8.5		4.0	10.0		9.0	4.0	12.0		10.5	3.0	0.5	11.0	9.0	11.0	8.0		4.0	
9-10						8.5		8.0		5.0	10.0		11.0	10.0		4.5			9.5				6.5
10-11	1.5	0.0		7.5				5.5		1.0	6.0			9.5		8.5	2.0		8.0				5.5
11-12			2.0		7.0			3.0		7.0	2.0			9.5	9.5	12.5	4.0		6.5	7.5			4.0
12-13						1.5		1.0		3.0	8.0			9.0			6.5		5.0		11.0	7.0	3.0
13-14		12.0		10.0		10.5	4.0			9.0	4.0	4.0		8.5	0.5		8.5		3.5		10.5	5.5	
14-15			4.5		5.5					5.0	0.0			8.5			10.5		1.5	7.0	9.5	4.5	
15-16	1.0	6.0								1.0	6.5	12.0		8.0					0.0		9.0	3.0	7.0
16-17				12.0		3.5			3.5	7.5	2.5			7.5	6.5	4.0	2.0				8.0		6.0
17-18		0.0	6.5		4.5	12.0		10.5		3.5	8.5			7.5		7.5	4.0	5.5		6.0	7.5		4.5
18-19				1.0			3.5	8.0		9.5	4.5		1.0	7.0		11.5	6.0				7.0	7.5	3.5
19-20								6.0		5.5	0.5			6.5			8.5				6.0	6.0	
20-21	0.5	12.0	8.5		3.0	5.0		3.5		1.5	6.5	4.5	4.0	6.5			10.5			5.5	5.5	5.0	
21-22				3.0				1.0		7.5	2.5			6.0	4.0						5.0	3.5	7.5
22-23	12.0	6.0								3.5	8.5	12.5	7.5	5.5			1.5		12.0		4.0		6.5
23-24			10.5		2.0		3.0			9.5	4.5			5.5		3.0	4.0		10.5	5.0	3.5		5.0
24-25		0.0		5.0		7.0				5.5	0.5		11.0	5.0	10.5	7.0	6.0		9.0		3.0		4.0
25-26									8.5	1.5	6.5			4.5		11.0	8.0		7.5		2.0	6.5	3.0
26-27					0.5			11.0		7.5	2.5			4.5	1.5		10.0	2.5	6.0	4.5		5.5	
27-28	11.5	12.0		7.0	12.0	0.0		8.5		4.0	9.0	4.5		4.0			12.5		4.5			4.0	
28-29			1.5			8.5	3.0	6.0		10.0	5.0			3.5			1.5		3.0			3.0	7.0
29-30		6.0						4.0		6.0	1.0			3.5	8.0		3.5		1.0	3.5			5.5
30-31				9.0	10.5			1.5		2.0	7.0			3.0		2.5	5.5				10.5		4.5

	TX	RW	TW	SW	WW	ZZ	AE	BR	CG	DK	KR	KV	V346	V387	V388	V401	V456	V466	V466	V477	V548	V704	1034	
	CET	CRB	CRB	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	10.9	10.1	10.5	9.3	9.9	10.7	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	
MIN	11.5	10.6	11.3	11.8	13.2	12.0	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	
DUR	4	4	4	5	5	4	4	4	3	4	4	5	5	3	3	4	3	4	4	4	5	4	4	
TOT	1			2																				

	(S)																						
0- 1	8.5									8.5	3.0			4.0	2.5							10.0	1.0
1- 2	2.0		1.5		0.5	2.0		5.5	0.5	7.0													0.5
2- 3				6.0		8.0			6.5	5.5				2.0		4.0			2.0		5.5	3.0	
3- 4	7.5	1.0								4.0		8.0	9.0							1.5		6.5	
4- 5			0.5		8.5	5.5			4.0	2.5				0.5				4.0			1.0	9.5	
5- 6								5.5		1.5	5.0	7.0		7.0	6.0	1.5	7.5						
6- 7	6.5					2.5			1.5		1.0		2.0		3.0	5.5	5.0		6.0			3.0	
7- 8						9.0			8.0					5.0			2.5					6.0	
8- 9		3.0	3.0							8.5		3.5											9.5
9-10	6.0					6.0		5.5	5.5	7.0				3.5		3.5			1.0				
10-11										5.5	6.5									2.5			2.5
11-12	11.0	1.0	2.0			3.5			2.5	4.0	3.0			1.5	6.5			3.0			6.0	6.0	
12-13	5.0									2.5				8.0	3.0	1.5							9.5
13-14					0.5	8.5	5.5	0.0	1.5							5.5	8.0		5.0		1.5		
14-15	10.0		0.5		7.0	6.5	8.0		6.5				7.5	6.5			5.5						2.5
15-16	4.0						7.5										3.0	7.0					6.0
16-17		3.0				4.0	6.5		4.0	8.5	4.5			4.5		3.5	0.5						9.5
17-18	9.5						6.0	5.5		7.0	1.0		1.5		7.0					3.5			
18-19	3.0					1.5	5.0		1.5	5.5				2.5	3.5			2.0					2.5
19-20		0.5				7.5	4.5		7.5	4.0					0.0	1.5							6.0
20-21	8.5						3.5			3.0					0.5		5.5		4.0		7.0	9.0	
21-22	2.5		2.0			4.5	3.0	5.5	5.0	1.5	6.5			7.5									
22-23							2.0				2.5	8.0					6.0	6.0			2.0	2.5	
23-24	7.5					2.0	1.5		2.5					5.5	7.0	3.5	3.5						5.5
24-25		2.5	1.0		6.0	8.0	0.5		9.0	8.5					4.0		1.0			4.5			9.0
25-26				3.0				5.5		7.0		4.0	7.0	3.5	0.5			1.0					
26-27	6.5					5.5			6.5	5.5						1.0							2.0
27-28		0.5								4.0	4.5			2.0		5.0			3.0				5.5
28-29						2.5			3.5	3.0	0.5	0.0	1.0	8.5									9.0
29-30	6.0					9.0		5.5		1.5						7.5		5.0			7.5		
30-31									1.0	0.0				6.5	4.0	3.0	6.5						2.0

	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI	BH	S	TZ	YY	YY	RW	SX	TX	WW	AF	AL	Z
	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA	DRA	EQU	ERI	ERI	ERI	GEM	GEM	GEM	GEM	GEM	GEM	HER
MAX	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2	8.0	8.0	9.8	8.4	8.4	9.6	10.8	10.0	9.8	10.2	9.3	7.3
MIN	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2	8.6	10.0	12.6	9.1	9.1	11.6	11.7	11.9	10.5	11.3	10.0	8.2
DUR	7	5	4	4	3	4	3	5	5	5	4	5	5	4	3	3	5	5	6	4	4	4	8
TOT	2							1						1			1						
											(S)					(S)							
0- 1													1.0		5.0							8.0	
1- 2		0.0			5.0	1.0				5.0							8.0			9.5			
2- 3				4.5		9.5	2.0							12.0		7.5						9.5	
3- 4	5.0						4.0				0.5	5.0				6.5		10.0					
4- 5			0.5				6.5			11.5	5.5					5.5	4.5						4.5
5- 6			5.0		3.0	2.5	9.0	8.0				1.0				5.0					7.0		
6- 7				3.5		11.0			2.5										11.0	8.0			
7- 8							1.0								7.0			12.0					
8- 9	0.5				6.0		3.0	3.5							6.0								4.5
9-10					1.0	4.5	5.5		9.0		0.5				5.5							8.5	
10-11				2.5			8.0				5.5			8.0									
11-12		4.0																		7.0	12.5		
12-13					4.0							7.0				6.5							4.5
13-14				7.0		6.0	2.0									5.5							
14-15				2.0			4.5			6.0		3.0				5.0		8.0					
15-16							7.0				0.5											6.0	
16-17					2.0						5.0				7.0					6.0	12.0	7.5	4.0
17-18			3.0	6.0		8.0				12.5			5.5		6.0					11.5			
18-19	5.5	7.5	1.0				1.0								5.5		10.5						
19-20					5.0		3.5	9.0	3.5						4.5								
20-21						1.0	6.0									7.5		11.0				11.5	4.0
21-22	2.5			5.0		9.5	8.5				0.5	9.5				6.5	9.0			4.5	11.0		
22-23				0.0				4.5	10.0		5.0					6.0			10.5				
23-24		2.0			3.0		0.0					5.0		8.5		5.0						6.5	
24-25		6.5				3.0	2.5			1.0			2.5				6.0						4.0
25-26			4.5			11.5	5.0					0.5			7.0			6.5					
26-27					6.5		7.5								6.0						10.5		
27-28	5.5				1.0					7.5	0.0				5.5				9.0			10.5	
28-29						4.5					5.0				4.5								3.5
29-30			1.0	3.5			1.5									7.5		9.0					
30-31			5.5		4.5		4.0									6.5							

	RX	SZ	TT	TU	UX	CC	CT	HS	HS	LT	V728	WY	WY	AV	DI	DK	SW	SW	VX	AW	CM	CO	CO
	HER	HER	HER	HER	HER	HER	HER	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	LAC	LAC	LAC	LAC	LAC	LAC	LAC
MAX	7.1	10.2	9.7	10.6	8.9	9.5	9.9	8.5	8.5	10.7	10.9	10.3	10.3	10.2	11.0	10.5	9.2	9.2	10.9	10.6	8.5	10.5	10.5
MIN	7.7	12.0	10.4	13.4	9.8	12.8	11.2	9.0	9.0	11.1	11.5	11.1	11.1	10.6	12.0	11.0	10.0	10.0	12.3	11.3	9.5	11.0	11.0
DUR	5	4	4	5	5	4	4	4	4	4	3	3	3	4	4	4	3	3	4	5	4	5	5
TOT				1																			
								(S)				(S)					(S)					(S)	
0- 1			0.5					0.5									6.5	2.0					8.5
1- 2												8.5		11.0	10.5		5.5	1.0				3.5	
2- 3											4.5	10.0					4.5	0.0		0.5	8.0		
3- 4		2.0									3.0	12.0		12.0			3.5	7.0		4.0			10.5
4- 5					1.0			3.5			2.0				12.0	11.0	2.5	6.0		7.5		5.5	
5- 6	4.0										0.5					12.0	1.5	5.0		11.0			
6- 7												8.5					1.0	4.5	1.0				
7- 8		4.5			3.5					1.0			10.5				7.5	3.5	3.0		3.5	7.5	
8- 9								5.0		3.0		12.0					6.5	2.5	4.5				1.5
9-10			3.5						1.5						10.0		6.0	1.5	6.5				
10-11			1.0								5.0						5.0	0.5	8.0	0.5	8.5	9.5	
11-12											3.5	9.0					4.0	7.5	10.0	4.0			3.5
12-13		2.0		0.5		2.5					2.0		10.5	9.5	12.0		3.0	6.5		7.5			
13-14							2.5	3.0			0.5						2.0	5.5		11.0		11.5	
14-15	1.5													10.5			1.5	4.5					5.5
15-16																	0.5	4.0			4.0	0.5	
16-17		4.0										9.0		11.5		11.0	7.0	3.0					
17-18								6.0					11.0		10.0	12.0	6.0	2.0					7.5
18-19								1.0			5.0						5.5	1.0		0.5	9.0	3.0	
19-20						1.0					4.0						4.5	0.0		4.0			
20-21			2.0							1.0	2.5				11.5		3.5	7.0	0.0	7.5			9.5
21-22	4.0	2.0		2.0	2.0					3.0	1.0	9.5					2.5	6.0	2.0	11.0		5.0	
22-23							1.0						11.5				1.5	5.0	4.0				
23-24																	1.0	4.0	5.5		4.5		12.0
24-25				4.0													7.5	3.5	7.5			7.0	
25-26		4.0											8.0		9.5		6.5	2.5	9.0				1.0
26-27								5.5			5.5	10.0					6.0	1.5		0.5	9.5		
27-28									1.5		4.0		11.5	10.0			5.0	0.5		4.0		9.0	
28-29											2.5				11.5	11.0	4.0	7.5		7.5	0.0		3.0
29-30											1.5			11.5		12.0	3.0	6.5		11.0			
30-31	1.5	2.0	2.5	4.0									8.5				2.0	5.5					11.0

	DG	GX	Y	UU	UV	VZ	WZ	XZ	T	RR	SS	RY	UZ	EW	FL	RU	RU	RW	BB	BO	EP	U	SX
	LAC	LAC	LEO	LEO	LEO	LEO	LEO	LEO	LMI	LEP	LIB	LYN	LYR	LYR	LYR	MON	MON	MON	MON	MON	MON	OPH	OPH
MAX	10.8	10.1	9.5	11.4	9.5	10.6	11.3	10.6	10.2	10.2	10.4	11.9	9.8	11.2	8.7	10.6	10.6	9.1	10.6	10.8	10.5	5.8	10.5
MIN	12.0	10.4	12.7	12.7	10.2	11.7	12.0	11.2	12.6	10.9	11.3	13.3	11.0	13.6	9.5	11.3	11.3	11.9	11.3	12.1	11.1	6.5	11.2
DUR	4	6	5	4	3	4	5	3	6	4	6	4	5	5	4	5	5	5	4	5	5	5	5
TOT																		1		1			
0- 1	4.0				11.5					9.0			4.0				9.0						
1- 2										7.0		9.5											
2- 3	9.0								7.5				1.0	6.0			6.5	11.0					
3- 4		4.0			11.5										3.0						10.0		
4- 5												6.5		4.5									
5- 6							12.5		8.0						7.0	7.5		9.5					
6- 7				9.0	11.5									3.5									1.0
7- 8						10.0																	
8- 9						12.5			8.5									7.5	11.0				
9-10					11.5																		
10-11										10.5				1.0								7.5	
11-12	5.0			9.5					9.0	8.5		11.0										11.0	
12-13					12.0			11.5		6.5						11.5							
13-14	10.0		9.0					11.0											11.0				
14-15								10.5	9.5			7.5			0.0								
15-16					12.0		9.0	10.0			0.5		7.0										
16-17				10.5				9.0							4.5			9.0					
17-18									10.0					4.5						9.0			
18-19			10.0		12.0																	8.5	
19-20						10.0							1.5				10.5	7.5			12.0		
20-21	0.5					12.0			10.5	12.5													
21-22				11.5	12.0					10.5		12.0						8.0	12.5				
22-23	5.5	5.5					10.0			8.5													
23-24			11.5						11.0	6.5								6.0				0.0	
24-25	10.5				12.0							9.0					10.5		10.5				
25-26																							
26-27									11.5												9.0		
27-28					12.0										2.0			9.0					
28-29																				12.0		1.0	
29-30							11.0		12.0						6.0								
30-31					12.0											10.0			7.5				

(S)

	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		0.5	2.5		6.0			5.5				5.5			6.0		8.5		5.5	1.0			
1- 2		1.5						7.0					12.0			6.0	7.0		8.5	4.0			
2- 3		2.5	3.5					8.0					9.0		6.0		5.5		2.5	7.0			
3- 4		3.0			11.5			9.5			8.0	6.0				6.0		10.0	5.5	1.0		1.0	8.0
4- 5		4.0	4.5			7.0		6.0							6.0			8.5	8.5	4.0			
5- 6			0.0				7.5	7.5		11.5						6.0		7.0	2.5	7.0			
6- 7								8.5	10.5		10.0			6.0	6.0			5.5	5.5	1.0	2.0	3.0	
7- 8			1.0					10.0		9.0						6.0	10.0		8.5	4.0			
8- 9					8.5			6.5		8.0					6.0		8.5		2.5	7.0			
9-10			2.0					8.0	7.0	7.0		10.5	9.5		6.0	6.0	7.0		5.5	1.0	4.0	5.5	
10-11		0.5						9.5		5.5			8.0		6.0		6.0		8.5	4.0			
11-12		1.5	3.5					5.5			10.5		5.0			6.0		10.0	2.5	7.0			
12-13		2.0			9.5	7.5		7.0							6.0			8.5	5.5	1.0	6.0	7.5	
13-14		3.0	4.5					8.5								6.0		7.0	8.5	4.0			
14-15		4.0	0.0						10.0						6.0			6.0	2.5	7.0			
15-16									6.0							6.0	10.0		5.5	1.0	8.5		
16-17			1.0		10.5			7.5				12.0			6.0		8.5		8.5	4.0			
17-18						6.0		9.0			7.0	9.5				6.0	7.0		2.5	7.0			
18-19			2.0									6.5			6.0		6.0		5.5	1.0			
19-20							7.0	6.5								6.0		10.0	8.5	4.0			
20-21		0.5	3.5			12.0		8.0			9.0				6.0			8.5	2.5	7.0		1.0	
21-22		1.5			7.5			9.5								6.0		7.0	5.5	1.0			
22-23		2.0	4.5					6.0										6.0	8.5	4.0			
23-24	5.0	3.0							7.0			11.5				6.0	10.0		2.5	7.0		3.0	
24-25	4.0	4.0		1.5				8.5		12.0	8.5		11.0		6.0		8.5		5.5	1.0			
25-26	3.5		1.0			8.5			10.0	11.0			8.0		6.0	6.0	7.0		8.5	4.0			
26-27	2.5			1.5			6.5		6.5	9.5	12.0		5.5		6.0		6.0		2.5	7.0		5.0	
27-28	2.0		2.0					7.5		8.5						6.0		10.0	5.5	1.0			
28-29	1.0			1.0					9.0	7.0				7.0	6.0			8.5	8.5	4.0			
29-30	0.5		3.0		9.5				5.5	6.0						6.0		7.5	2.5	7.0		7.5	
30-31		0.5		0.5					7.0	5.0					6.0			6.0	5.0	0.5			

	AQ	AQ	BB	BB	BG	BX	DI	GP	KW	KW	Z	RT	RV	ST	XZ	IQ	IQ	IT	IU	KW	V432	BETA	AE
	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PER	PER	PER	PER	PER	PER	PHE
MAX	10.3	10.3	10.6	10.6	10.5	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
MIN	13.0	13.0	11.2	11.2	11.8	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
DUR	12	12	3	3	4	3	2	4	3	3	6	4	8	5	4	5	5	4	5	4	3	8	2
TOT	4	4			1						2			1									
		(3)		(S)						(S)							(S)						
0- 1			8.5	4.0	5.0	4.0	9.0	1.5		2.0		5.0		10.5							3.0	1.0	5.5
1- 2			1.5	6.0		0.5	2.0	1.0	7.0			1.5						11.5			7.0		7.5
2- 3			3.5	8.0	4.0	3.0		0.5	2.5		1.5				1.5	9.0	8.5	8.0	12.0	1.0			
3- 4			5.5	1.5		6.0	5.0			8.0				2.0	5.0	8.0			4.5	10.0	5.0		
4- 5			7.5	3.5	2.5	2.5				3.5		11.0			9.0		2.5		1.0	8.5	8.5		5.0
5- 6			1.0	5.5		5.5	8.5				2.5	7.5		12.5	1.5		10.0		7.0	3.0		7.5	
6- 7			3.0	7.5	1.5	1.5	1.5		4.5			4.0							5.5	6.5			
7- 8			5.0	1.0		4.5			0.5			0.5						11.5	3.5	1.0			
8- 9			7.0	3.0	0.5	0.5	5.0			5.5	4.0			9.0				11.5	8.0	2.0	4.5		5.0
9-10	1.0		0.5	5.0		3.5				1.5							8.0		4.5	0.5	8.0		7.0
10-11			2.5	7.0		6.5	8.0		6.5			10.0			3.0	7.5		0.5	1.0			2.5	
11-12			4.5	0.0		2.5	1.0		2.5		5.5	6.0		0.5	6.5		2.0				6.0	12.5	
12-13			6.5	2.0		5.5				7.5		2.5			10.0	1.0					0.5		4.5
13-14			8.5	4.5		1.5	4.5			3.5								2.0	11.5		4.0		6.5
14-15			2.0	6.5		4.5			8.5		7.0								8.0		7.5	9.5	
15-16			4.0	8.5		1.0	7.5		4.0			12.0							4.5		2.0		
16-17			6.0	1.5		3.5	0.5					8.5		7.5			7.5	3.5	1.0	11.0	5.5		4.0
17-18			8.0	3.5		6.5				5.0	8.0	5.0				6.5				9.5		6.0	6.5
18-19			1.5	5.5		3.0	4.0			1.0		1.5			4.5		1.5			8.0	3.5		8.5
19-20			3.5	7.5		6.0			6.0						8.0			5.5	11.5	6.0	7.0		
20-21	1.5	3.5	5.5	1.0		2.0	7.0		2.0		9.5				11.5				8.0	4.5	1.5	3.0	4.0
21-22			7.5	3.0		5.0	0.5			7.0		11.0							4.5	3.0	5.0		6.0
22-23			1.0	5.0		1.0				3.0		7.0				12.0		7.0	1.0	1.0	9.0		8.0
23-24			3.0	7.0		4.0	3.5		8.0		11.0	3.5					7.0				3.0		
24-25			5.0	0.5		0.0			4.0					6.5		6.0					7.0		3.5
25-26			7.0	2.5		3.0	7.0	10.0							2.5		1.0	8.5	11.0		1.0		5.5
26-27			0.0	4.5		6.0		9.5		5.0	12.0		12.0		6.0				8.0		5.0		7.5
27-28			2.5	6.5		2.0	10.0	9.0		0.5		9.5			9.5				4.5		8.5		
28-29			4.5	8.5		5.0	3.0	8.5	5.5			6.0	11.5					10.0	1.0		3.0		
29-30			6.5	2.0		1.5		8.0	1.5			2.5				11.5				12.0	6.5		5.5
30-31			8.5	4.0		4.5	6.5	7.5		6.5			11.0				6.5			10.5	1.0		7.5

	AE	Y	RV	UZ	UZ	AV	U	V505	1968	RS	AO	CC	CC	Y	RW	RZ	TY	WY	AC	AM	AQ	CT	EQ
	PHE	PSC	PSC	PUP	PUP	PUP	SGE	SGR	SGR	SER	SER	SER	SER	SEX	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU
MAX	7.5	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
MIN	8.2	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
DUR	2	7	3	4	4	3	6	5	4	4	4	4	4	3	4	3	2	4	6	5	5	5	3
TOT							2								1								
	(S)				(S)								(S)										
0- 1			3.0										1.5	9.0		4.0	9.5				7.5	8.0	
1- 2		3.5	5.5			9.5				0.0			2.5		9.0	6.0		6.0					
2- 3	5.5		8.0			12.0		0.5								5.0	8.0	11.5				7.5	
3- 4	7.5		10.5		12.0			5.0	2.5		1.0				3.5		10.0			7.0	3.0		
4- 5										0.0						7.0	11.5				8.5	7.5	
5- 6			2.5	12.0			3.5											6.0		8.0			2.5
6- 7	5.0		5.0			9.5										9.0						7.5	3.0
7- 8	7.0		7.5		11.5	12.5			1.0			0.5				5.0		8.0		9.5			3.5
8- 9			10.5									1.5	10.0									7.5	4.5
9-10				11.0				3.0				2.5				7.0		10.0		10.5	5.0		5.0
10-11	4.5		2.0								1.5										10.0	7.5	5.5
11-12	7.0		4.5		11.0	9.5									11.0	8.5		11.5		11.5			6.0
12-13			7.5			12.5										4.5		4.5				7.5	6.5
13-14			10.0	10.5															4.5	12.5			7.0
14-15	4.5														5.5	6.5	4.5	6.0				7.5	8.0
15-16	6.5		2.0		10.5			1.0				0.5					6.0		5.5		7.0		
16-17	8.5	5.0	4.5			10.0				1.5						8.5	8.0	8.0			12.0	7.5	
17-18			7.0	10.0							2.5		2.0			4.5	10.0		6.5				
18-19	4.0		9.5																			7.5	
19-20	6.0		12.0		9.5											6.0			7.5				2.5
20-21	8.0		1.5							0.0								12.0			3.5	7.5	3.0
21-22			4.0	9.5		10.0										8.0		4.5	8.5		9.0		3.5
22-23	3.5		6.5				1.0	3.0								4.0						7.5	4.0
23-24	6.0		9.0		9.0					3.5		0.5				10.0		6.5	9.5				5.0
24-25	8.0		12.0									1.5				6.0						7.5	5.5
25-26			1.0	9.0					2.0		0.5	2.0			7.0			8.0	10.5				6.0
26-27			3.5			10.0				3.0						8.0					5.5	7.5	6.5
27-28	5.5		6.5		8.5											4.0		10.0	11.5		10.5		7.0
28-29	7.5		9.0					1.0								9.5	4.5					7.5	7.5
29-30			11.5	8.0					0.5	3.0						5.5	6.5	12.0					
30-31			1.0														8.0	4.5				7.5	

	EQ	HU	V	X	RS	RV	W	TX	TY	TY	UX	UX	VV	XZ	ZZ	AF	W	RU	Z	AW	AX	AY	BE
	TAU	TAU	TRI	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	UMI	VUL	VUL	VUL	VUL	VUL
MAX	10.3	6.0	10.9	8.9	10.3	11.4	9.1	6.8	11.7	11.7	12.7	12.7	10.1	10.1	9.8	10.8	8.6	10.7	7.4	10.8	11.0	11.0	9.9
MIN	11.0	6.8	11.9	12.0	11.0	12.5	9.9	8.9	12.4	12.4	13.8	13.8	11.0	11.7	11.2	11.6	9.7	11.4	9.2	11.9	12.5	12.9	11.4
DUR	3	6	4	4	4	4	3	6	3	3	1	1	3	3	4	8	7	4	6	5	5	4	5
TOT																							

	(S)									(S)													
0- 1	4.0		7.5		3.0	3.5	7.5		2.0				10.5				10.0			4.5		4.0	
1- 2	4.5		11.5				7.5	10.5		8.0			10.0				11.0			0.0			
2- 3	5.0		1.5	12.0	1.0	9.5	7.5			1.0			12.0		1.5	10.5	8.0	12.0					2.0
3- 4	5.5		6.0	11.5		4.0	7.5					3.0					1.0						
4- 5	6.0		10.0	10.5			7.5	12.0	8.0		2.5				8.5		0.5	2.0		5.5			
5- 6	6.5			10.0		10.0	7.5		1.5			2.0	6.0				3.0		1.0				4.0
6- 7	7.5		4.0	9.5		4.0	7.5				1.5		7.5				4.5						
7- 8	8.0		8.0	8.5			7.5			0.0		1.0	7.5				10.5	5.5			0.5		
8- 9			12.0	8.0		10.5	7.5			1.5	1.0						7.0			6.0			6.5
9-10			2.5	7.0		4.5	7.5						0.5	9.0			3.0	8.0		1.5	1.0		
10-11			6.5	6.5			7.5		0.5		0.0						9.0						
11-12			10.5	6.0		10.5	7.5		2.0				10.5		6.0		10.5	5.5			1.5		
12-13	2.5		0.5	5.0		5.0	7.5				7.5		10.0				11.5			7.0		5.5	
13-14	3.0		4.5	4.5	12.0		7.5				0.5		12.0				0.0			2.5	2.0		
14-15	3.5		8.5	4.0		11.0	7.5				2.0						5.5	1.5					
15-16	4.5			3.0	9.5	5.0	7.5		8.0		3.0						2.5				3.0		
16-17	5.0		3.0	2.5			7.5		1.0			2.5	5.5				3.5	3.5					1.0
17-18	5.5		7.0	2.0	7.5	11.5	7.5				2.0		7.5				5.0			3.0	3.5	1.5	
18-19	6.0		11.0	1.0		5.5	7.5				8.5		1.5	7.0		3.5	5.0						
19-20	6.5		1.0	0.5	5.5		7.5				1.5	1.0					8.0	7.5			4.0		3.5
20-21	7.0		5.0			12.0	8.0						1.0	8.5		11.0		8.5					
21-22	7.5		9.0		3.0	6.0	8.0		0.0		0.5						1.0	9.5	1.0	4.0	4.5		
22-23							8.0		1.5				10.0				11.0						6.0
23-24			3.5		1.0	12.0	8.0						10.0		11.0		12.0				5.0		
24-25		4.0	7.5			6.0	8.0				0.5		11.5				10.5	0.5				7.0	
25-26			11.5			0.5	8.0				2.0				1.5		2.0			4.5	6.0		
26-27	2.5	5.5	1.5				8.0		8.0		3.0						3.5	3.0		0.0			
27-28	3.0		5.5			6.5	8.0		1.0			2.5	5.5		8.5		4.5				6.5		
28-29	3.5	7.0	10.0			0.5	8.0				2.5			7.5			5.5						
29-30	4.0						8.0			8.0		2.0	7.0				6.5			5.5	7.0	3.0	
30-31	4.5	8.5	4.0			7.0	8.0			1.0	1.5						8.0			1.0			0.0

all times in U.T.

	BO	BS	BT	BU	CD	V495	V495
	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	10.4	11.0	11.8	10.6	11.5	9.6	9.6
MIN	13.3	11.5	12.5	11.4	12.6	10.0	10.0
DUR	4	3	3	3	4	4	4
TOT							
							(S)
0- 1		4.5	7.0		2.0	3.5	
1- 2		3.0		1.5			1.0
2- 3		2.0		5.0	3.5		
3- 4		1.0					
4- 5					4.5		
5- 6				1.5		1.0	
6- 7			0.0	4.5	6.0		
7- 8			3.5	8.0			
8- 9		6.5	7.0		7.0		
9-10		5.5		1.0			5.0
10-11		4.0		4.0			
11-12		3.0		7.5	0.5		
12-13		2.0					
13-14		0.5		0.5	2.0	5.5	
14-15				4.0			3.0
15-16	6.5		3.0	7.0	3.0		
16-17			6.5				
17-18	5.5			0.0	4.5		
18-19		6.5		3.5		3.0	
19-20	4.0	5.5		6.5	5.5		0.5
20-21		4.0					
21-22	3.0	3.0			7.0		
22-23		2.0		3.0			
23-24	1.5	0.5	3.0	6.5		1.0	
24-25			6.0		0.5		
25-26	0.0						
26-27				2.5	1.5		
27-28				6.0			4.5
28-29		6.5			3.0		
29-30		5.0					
30-31		4.0		2.0	4.0		