MAS Eclipsing Binary Ephemeris for December 2025 all times in U.T.

	RT AND	TW AND	UU AND	WZ AND	XZ AND	AB AND	AB AND	AD AND	BD AND	BX AND	DS AND	DS AND	QX AND	QX AND	CX AQR	CZ AQR	EK AQR	EK AQR	KO AQL	KP AQL	OO AQL	OO AQL	V342 AQL
MAX	9.3	8.8	11.2	11.6	10.0	9.3	9.3	11.1	11.3	8.6	10.8	10.8	11.3	11.3	10.7	10.3	10.8	10.8	8.3	9.7	9.2	9.2	9.0
MIN	10.2	11.0	14.1	12.6	13.0	10.2	10.2	11.6	11.7	9.5	11.4	11.4	11.6	11.6	12.0	11.2	11.3	11.3	9.3	10.5	10.1	10.1	12.5
DUR	3	11	8	4	3	3	3	4	3	4	4	4	3	3	3	3	3	3	5	4	3	3	7
TOT		2																					3
							(S)					(S)		(S)				(S)				(S)	
0- 1					6.0	5.5	1.5	8.0		5.5		6.5	2.0	7.0			3.0					2.0	
1- 2	3.5			4.5		5.0	1.0	7.5	6.5			6.5	7.5	2.5				1.0				2.0	
2- 3						5.0	1.0	7.5	5.0	1.5		7.0	3.5	8.5	2.5								
3- 4	0.5			6.5		5.0	1.0	7.0	3.0	7.0		7.0	9.0	4.0			4.5						
4- 5	7.0				8.0	5.0	1.0	6.5	1.5			7.5	5.0	9.5				2.5					
5- 6				8.5		5.0	1.0	6.5		2.5		7.5	0.5	5.5		1.5	0.5			1.0			
6- 7	4.0			1.5		4.5	0.5	6.0		8.0		8.0	6.0	1.5									
7- 8					1.0	4.5	0.5	5.5	7.0			8.0	2.0	7.0	2.5			4.0					
8- 9	1.5			3.5	9.5	4.5	0.5	5.5	5.5	4.0		8.5	7.5	3.0			2.0						
9-10	7.5					4.5	0.5	5.0	3.5	9.0		8.5	3.5	8.5				0.0					
10-11				5.5		4.5	0.5	4.5	2.0			9.0	9.0	4.0									
11-12	5.0				2.5	4.0	0.0	4.5		5.0		9.0	5.0	0.0		2.5	3.5						
12-13				7.5		4.0	0.0	4.0		10.5		9.5	0.5	5.5	2.5			1.5					
13-14	2.0	2.0		0.5		4.0		3.5	7.5	1.0		9.5	6.5	1.5							0.0		
14-15	8.5					4.0		3.5	6.0	6.5		10.0	2.0	7.0			5.0				0.5		
15-16				2.5	4.5	4.0		3.0	4.0				8.0	3.0				3.0			0.5		
16-17	5.5					3.5		2.5	2.0	2.5			3.5	8.5			1.0				1.0		
17-18		4.5		4.5		3.5		2.5	0.5	7.5			9.5	4.5	2.5	3.5					1.5		
18-19	3.0		7.5			3.5		2.0					5.0	0.0		0.0		4.5			1.5		
19-20				6.5	6.0	3.5		1.5	8.0	3.5			1.0	6.0			2.5				2.0		
20-21	0.5					3.0		1.5	6.0	9.0			6.5	1.5				1.0					
21-22	6.5	7.5	7.0	8.5		3.0	7.0	1.0	4.5				2.5	7.5	0.0								
22-23				1.5		3.0	7.0	0.5	2.5	4.5			8.0	3.0	2.5		4.0						
23-24	3.5				8.0	3.0	7.0	0.5	1.0	10.0	0.0		4.0	9.0		4.5		2.5					
24-25			6.5	3.5		3.0	7.0	0.0		0.5	0.5		9.5	4.5		1.0	0.5						
25-26	1.0					2.5	6.5			6.0	0.5		5.5	0.5									
26-27	7.0			5.5	1.0	2.5	6.5		6.5		1.0		1.0	6.0	0.0			4.0					
27-28			5.5		9.5	2.5	6.5		5.0	2.0	1.0		6.5	2.0	3.0		2.0						
28-29	4.5			7.5		2.5	6.5		3.0	7.0	1.5		2.5	7.5									
29-30				0.5		2.5	6.5		1.5		1.5		8.0	3.5					0.5				
30-31	2.0		5.0		2.5	2.0	6.0			3.0	2.0		4.0	9.0		2.0	3.5						0.5

	V343 AQL	V346 AQL	RX ARI	SS ARI	SS ARI	RY AUR	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
MAX	10.6	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
MIN	12.3	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
DUR	4	4	4	3	3	6	4	5	5	5	4	4	5	5	4	4	3	3	3	4	4	4	18
TOT																							6
					(S)					(S)		(S)		(S)					(S)			(S)	(2)
0- 1				7.5	2.5		8.0				12.0	5.0	1.0				13.0			11.0		5.5	
1- 2				3.0	7.5						1.5	8.5			4.5		3.0		8.0			7.0	
2- 3				8.0	3.0						5.0	11.5		3.0	10.5		7.5	1.0				8.5	
3- 4	0.5			3.5	8.5	9.0		5.5	3.5		8.0	1.5				9.0	11.5	11.0				10.0	
4- 5				9.0	4.0					10.0	11.5	4.5	4.5				2.0		4.0	4.5		11.5	
5- 6				4.5	9.0		4.0				1.0	8.0				5.0	6.0			10.5		13.0	
6- 7					4.5	2.5	9.0				4.5	11.5		6.0	4.0		10.5	7.5			1.5		
7- 8		0.5		5.0	0.0			5.5			8.0				10.0	0.5	1.0		0.5		3.0		
8- 9				0.5	5.5				5.0		11.0	4.5	7.5				5.0		10.5		4.5		
9-10			0.5	5.5	1.0					11.0		7.5					9.5	4.0		4.5	6.0		
10-11			1.0	1.0	6.0		0.5				4.0	11.0		9.5						10.5	7.5		
11-12			2.0	6.5	1.5		5.5	5.5			7.5				3.5		4.0		7.0		9.0		
12-13			2.5	2.0	7.0		10.5				11.0	4.0	11.0		9.5	12.0	8.5	0.0			10.5		
13-14			3.0	7.0	2.5				6.0			7.5					13.0	10.0			12.0		
14-15	2.0		4.0	2.5	7.5	7.0				12.5	4.0	10.5		12.5		7.5	3.0		3.5	4.0		1.0	
15-16			4.5	8.0	3.0			5.5			7.0						7.5			10.0		2.5	
16-17			5.5	3.5	8.0		1.5				10.5	3.5			3.0	3.5	11.5	6.5				4.0	
17-18			6.0	8.5	3.5	0.0	6.5			1.0		7.0			9.0		2.0					5.5	
18-19		2.0	7.0	4.0	9.0		11.5		7.5		3.5	10.5					6.5		9.5			7.0	
19-20			7.5		4.5			5.0			7.0						10.5	3.0		4.0		8.5	
20-21			8.0	5.0							10.0	3.5					1.0	13.0		10.0		10.0	
21-22			9.0	0.5	5.0							6.5			2.5		5.0		6.0			11.5	
22-23				5.5	0.5	11.0	3.0			2.0	3.0	10.0			8.5		9.5					13.0	
23-24				1.0	6.0		8.0	5.0	8.5		6.5					10.0		9.0			1.5		
24-25				6.0	1.5		13.0				10.0	3.0					4.0		2.5	3.5	3.0		12.5
25-26				1.5	6.5	4.5						6.5				6.0	8.5		12.5	9.5	4.5		
26-27				7.0	2.0						3.0	9.5			2.0		13.0	5.5			6.0		
27-28	0.0			2.5	7.5			5.0		3.5	6.0	13.0			8.0	1.5	3.0				7.5		
28-29		1.0		7.5	3.0		4.0		9.5		9.5	2.5					7.5		9.0		9.0		
29-30				3.0	8.0		9.0				13.0	6.0					12.0	2.0		3.5	10.5		
30-31				8.5	3.5						2.5	9.5					2.0	12.0		9.5	12.0		

	SS BOO	UW BOO	ZZ BOO	AD BOO	AD BOO	BW 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	TZ CMA	UU CMA	XZ CMI	YY CMI	AC CMI
MAX	10.3	10.4	6.8	9.8	9.8	7.1	4.7	10.6	8.6	10.5	9.7	11.6	11.6	6.2	11.4	10.3	9.7	9.8	9.8	10.0	9.7	8.5	11.0
MIN	11.0	11.4	7.6	10.4	10.2	7.5	4.8	12.4	9.4	11.3	10.5	11.8	11.8	6.8	12.9	11.4	10.7	10.5	10.5	12.5	10.2	9.1	11.5
DUR	18	3	5	4	4	5	3	6	3	5	8	5	5	4	5	4	4	4	4	5	3	4	3
TOT	6																						
					(S)		(S)						(S)						(S)				
0- 1		10.5							4.5	2.5		0.0	9.5						7.0		9.0		7.5
1- 2		11.0							9.0	10.5		13.0	3.5	5.0	9.0					4.0	13.0		4.5
2- 3		11.0										7.0		8.0		4.0		3.5					
3- 4		11.0	9.0						3.5			1.5	10.5	11.5						8.0	6.5		
4- 5		11.0							8.0	2.0			5.0								10.5		
5- 6		11.0							12.5	10.0		8.5			6.5	10.0	4.5						12.5
6- 7		11.5							3.0			3.0	12.0				7.5				4.0		9.5
7- 8		11.5						7.5	7.5				6.5				10.5				8.0	5.0	6.0
8- 9		11.5	9.0						12.0	1.5		10.0	0.5								11.5	7.0	3.0
9-10	10.0	11.5							2.0	9.5		4.0			3.5							9.5	
10-11		12.0		9.0					6.5				7.5	7.0	10.5	7.0					5.5	11.5	
11-12		12.0			10.0				11.0			11.0	2.0	10.0							9.0		
12-13		12.0		10.5		13.0			1.0	1.5		5.5									13.0		11.0
13-14		12.0	8.5		11.5				5.5	9.0			9.0										8.0
14-15		12.5		12.5					10.0			12.5	3.5		7.5		5.0			4.0	6.5		4.5
15-16		12.5							0.5			7.0					8.0				10.5		
16-17		12.5							5.0	1.0		1.5	10.5							8.0			
17-18		12.5					0.0	5.5	9.5	9.0			5.0					10.5			4.0		
18-19		12.5	8.5								10.0	8.5		5.5	5.0	9.5					8.0		12.5
19-20		13.0							4.0			2.5	12.0	9.0					9.5		11.5	5.5	9.5
20-21		13.0						12.5	8.5	0.5			6.0	12.0								8.0	6.5
21-22									13.0	8.5		9.5	0.5					6.5			5.5	10.0	3.0
22-23						13.0			3.0			4.0									9.0	12.5	
23-24			8.0						7.5				7.5		9.0	6.5	5.5		5.5		13.0		
24-25									12.0	0.0		11.0	2.0				8.5						
25-26									2.5	8.0		5.5									6.5		11.0
26-27									7.0				9.0	4.5							10.5		8.0
27-28								3.5	11.5			12.5	3.0	8.0	6.0					4.0			5.0
28-29									1.5			6.5		11.0							4.0		
29-30									6.0	8.0		1.0	10.0							8.0	7.5		
30-31								10.5	10.5				4.5								11.5	4.5	

	AK CMI	AM CMI	AM CMI	TY CAP	RZ CAS	TV CAS	TW CAS	ZZ CAS	AB CAS	CW CAS	CW CAS	DZ CAS	GT CAS	IR CAS	IS CAS	IT CAS	IV CAS	MM CAS	OR CAS	OX CAS	OX CAS	PV CAS	PV CAS
MAX	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	11.2	11.3	11.4	10.1	10.1	10.0	10.0
MIN	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	12.5	11.9	12.4	10.9	10.9	10.6	10.6
DUR	4	5	6	4	4	4	5	4	4	3	3	4	5	4	5	5	5	5	4	5	5	3	3
TOT			(S)								(S)										(S)		(S)
0- 1			5.0		6.0		8.5			3.5	7.5			6.5			3.0	6.5				5.0	
1- 2	5.5		5.5		10.5	8.0			2.5	2.5	6.5						3.0	10.0					2.5
2- 3	9.0		6.0					5.0	11.0	1.5	5.5	7.5	7.5	7.5			3.0		0.0	5.0			
3- 4	12.0		6.5			3.5	5.0	10.5		0.5	4.5	2.0			8.5		3.0		6.0		9.5		
4- 5			7.0							7.0	3.5			8.5			3.0		12.0				
5- 6	4.5		7.5		0.5				5.0	6.0	2.5		7.5	1.0	5.0		3.0						
6- 7	8.0		8.0		5.5		1.5			5.0	1.5	5.5					3.0	1.5					8.5
7- 8	11.0		8.5		10.0		12.0	4.0		4.0	0.5	0.5		2.0	1.0		3.0	5.0		4.5		5.0	
8- 9			8.5					10.0		3.0	7.0		7.0				3.0	9.0	5.5		9.0		2.5
9-10	4.0		9.0						7.0	2.0	6.0	9.0		3.0			3.0		11.5				
10-11	7.0		9.5			9.5	8.5			1.0	5.0	4.0					3.0						
11-12	10.0		10.0		0.0					7.5	3.5		7.0	4.0			3.0						
12-13			10.5		5.0	5.0		3.5	1.0	6.5	2.5					6.5	3.0			4.0			
13-14			11.0		9.5		5.0	9.5	9.5	5.5	1.5	7.0		5.0			2.5	0.0	5.0		8.5		8.5
14-15	6.0		11.5			0.5				4.5	0.5	2.0	6.5		9.5		2.5	4.0	11.0			5.0	
15-16	9.0		12.0							3.5	7.0			6.0			2.5	7.5					2.5
16-17	12.5		12.5				1.5		3.5	2.5	6.0				6.0	4.0	2.5						
17-18			13.0				12.0	3.0	12.0	1.5	5.0	5.5	6.5	7.0			2.5			3.5			
18-19	5.0				4.0			8.5		0.5	4.0	0.0			2.0		2.5		5.0		8.0		
19-20	8.0				9.0	11.0				7.0	3.0			8.0			2.5		10.5				
20-21	11.5						8.5		5.5	6.0	2.0	8.5	6.0	0.5		1.5	2.5						8.5
21-22						6.5				5.0	1.0	3.5					2.5	2.5				5.0	
22-23	4.0							2.5		4.0	7.5			1.5			2.5	6.5		3.0			2.5
23-24	7.5	3.5				2.0	5.0	8.0		2.5	6.5		6.0				2.5	10.5	4.5		7.5		
24-25	10.5	4.0			3.5				8.0	1.5	5.5	7.0		2.5			2.5		10.5				
25-26		4.5			8.5					0.5	4.5	1.5			11.0		2.5						
26-27	3.0	5.0		1.5			1.5			7.0	3.5		5.5	3.5			2.5						
27-28	6.5	5.5					12.0	1.5	1.5	6.0	2.5				7.0		2.0			2.5			8.5
28-29	9.5	5.5						7.5	10.5	5.0	1.5	5.0		4.5			2.0	1.5	4.0		7.0	5.0	
29-30	12.5	6.0								4.0	0.5		5.5		3.5		2.0	5.5	10.0				2.5
30-31		6.5			3.0	8.0	8.5			3.0	7.0			5.5			2.0	9.0					

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

	TX	RZ	RZ	SS	SS	U	RW	TW	W	W	RV	RV	V	SW	WW	ZZ	AE	BR	CG	DK	KR	KV	V346
	CET	COM	COM	COM	COM	CRB	CRB	CRB	CRV	CRV	CRV	CRV	CRT	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	10.9	10.0	10.0	10.9	10.9	7.6	10.1	10.5	10.6	10.6	9.0	9.0	9.5	9.3	9.9	10.7	11.8	9.4	11.0	10.3	9.2	11.5	11.8
MIN	11.5	10.7	10.7	11.5	11.5	8.8	10.6	11.3	11.2	11.2	10.0	10.0	10.2	11.8	13.2	12.0	12.8	10.5	11.8	10.8	10.0	12.6	13.6
DUR	4	3	3	4	4	5	4	4	4	4	4	4	4	5	5	4	4	4	3	4	4	5	5
TOT	1													2									
			(S)		(S)					(S)		(S)											
0- 1					8.0									0.5									
1- 2	5.5			9.0																			
2- 3		7.5			9.5						12.5		10.0								2.5	0.5	
3- 4		8.0														3.5		1.5		4.5			
4- 5	4.5						11.5						13.0		2.5				3.5	3.0			
5- 6											12.0					0.5				1.5			
6- 7				8.0				12.5		9.0									1.0	0.5			
7- 8	3.5				8.5								8.0					1.5					
8- 9				9.5							12.0					4.0					0.5		
9-10								11.0					10.5	4.0					5.0				
10-11	2.5															1.5							
11-12											11.5						5.0	1.5	2.0	4.5			
12-13			7.0		7.5		11.0		9.0								4.0			3.0			
13-14	2.0		7.5	8.5												5.0	3.5			2.0	2.5		
14-15			8.0		9.0						11.5		8.5		1.5		2.5			0.5			
15-16	7.0			10.0												2.0	2.0	1.0					
16-17	1.0							12.5					11.0				1.0		3.5				
17-18											11.0						0.5						
18-19	6.5																		1.0				
19-20	0.0				8.0			11.0	9.0									1.0		4.5	0.5	1.0	
20-21				8.5			11.0				11.0					2.5				3.0			
21-22	5.5				9.5							13.0	9.0						4.5	2.0			
22-23						11.5														0.5			
23-24		7.0									10.5		11.5					1.0	2.0				
24-25	4.5	7.5										12.5			0.0						2.0		
25-26		8.0		7.5						9.0						3.5							
26-27					8.5			13.0			10.5												
27-28	3.5			9.0								12.5				0.5		1.0		4.5			3.5
28-29					10.0		11.0						9.5						3.0	3.5			
29-30								11.5			10.0									2.0			
30-31	3.0											12.0	12.0			4.0			0.5	0.5	0.0		

	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	TW DRA	UZ DRA	UZ DRA	AI DRA	BH DRA
MAX	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	7.8	9.9	9.9	7.2	8.0
MIN	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	9.5	10.7	10.7	8.2	8.6
DUR	3	3	4	3	4	4	4	4	5	4	4	7	5	4	4	3	4	3	5	5	5	4	5
TOT												2							1				
						(S)		(S)													(S)		
0- 1			0.5							5.5							4.0	4.5	10.0	10.0			5.5
1- 2				4.5													12.5						
2- 3	5.0	3.0		2.0														9.5			1.0	1.5	1.0
3- 4						0.5				2.0						1.0		12.0	5.5				
4- 5	3.0		2.5							5.5	3.5			3.5			5.5	1.0				11.0	
5- 6					2.5						3.0							3.5			7.0		
6- 7	1.0										2.5								1.0				
7- 8			0.5						5.0	2.0	2.0												12.0
8- 9		3.5								5.5	1.0						7.5	11.0				1.0	
9-10									0.5		0.5							0.0					
10-11				2.5							0.0		1.0	2.5	3.0	2.0		2.5		4.5		10.5	
11-12	4.0		2.5							2.0							0.5	5.0					3.0
12-13					1.5			0.5		5.0							9.0						
13-14	2.5																	10.0		11.0			
14-15		3.5	0.5			3.5						2.5			2.0	0.0		12.5	11.0			1.0	
15-16	0.5	0.0								1.5							2.5	1.5			2.0		
16-17							0.5		6.0	5.0				1.5			11.0	4.0				10.5	
17-18																			6.5				
18-19			2.0	3.0					1.0						1.0						8.5		
19-20				0.5	0.5			1.5		1.5							4.0	11.0					
20-21	3.5	4.0								5.0							12.5	0.5	1.5			1.0	5.0
21-22		0.5	0.0			2.5										1.0		3.0					
22-23	1.5													0.5	0.5							10.5	0.5
23-24							1.5			1.5							6.0			5.5			
24-25										5.0								10.0					
25-26			2.0															12.5					
26-27				3.5				2.5										2.0		12.0		1.0	
27-28	4.5	1.0		1.0					2.0	1.5							7.5	4.5					11.5
28-29						1.5				5.0						2.5			11.5		3.0	10.5	
29-30	2.5																	9.0					
30-31					3.5		2.5										0.5	11.5					

	S	TZ	YY	YY	RW	SX	TX	WW	AF	AL	RX	SZ	TT	TU	UX	CC	CT	HS	HS	V728	68	WY	WY
	EQU	ERI	ERI	ERI	GEM	GEM	GEM	GEM	GEM	GEM	HER	HER	HER	HER	HER	HER	HER	HER	HER	HER	HER	HYA	HYA
MAX	8.0	9.8	8.4	8.4	9.6	10.8	10.0	9.8	10.2	9.3	7.1	10.2	9.7	10.6	8.9	9.5	9.9	8.5	8.5	10.9	4.7	10.3	10.3
MIN	10.0	12.6	9.1	9.1	11.6	11.7	11.9	10.5	11.3	10.0	7.7	12.0	10.4	13.4	9.8	12.8	11.2	9.0	9.0	11.5	5.4	11.1	11.1
DUR	5	4	3	3	5	5	6	4	4	4	5	4	4	5	5	4	4	4	4	3	5	3	3
TOT		1			1									1									
				(S)															(S)				(S)
0- 1			4.0	7.5		5.5		3.0		3.5		13.0										8.5	
1- 2		1.5	3.0	7.0				8.5	3.5	12.5			12.0	0.5									10.5
2- 3			2.0	6.0	9.5				9.5													12.0	
3- 4			1.0	5.0																		5.5	
4- 5				4.0		8.0				7.5											11.0		7.0
5- 6			7.0	3.5	6.0			2.0														9.0	
6- 7		6.5	6.5	2.5			11.0	7.5	3.0										1.0	0.5	12.5		10.5
7- 8			5.5	1.5		1.5			9.0	2.5	0.0									10.5		12.5	4.0
8- 9			4.5	1.0	3.0	10.5				11.5												5.5	
9-10			4.0	7.5			6.5					13.0											7.5
10-11			3.0	7.0				0.5														9.0	
11-12			2.0	6.0		4.0		6.5	2.5	6.5			13.0										11.0
12-13			1.0	5.0		13.0		12.0	8.0													12.5	4.0
13-14				4.5																		6.0	
14-15		2.0	7.5	3.5																1.0			7.5
15-16			6.5	2.5		6.5				10.5								0.0		11.0		9.5	
16-17			5.5	1.5				5.0	1.5														11.5
17-18			4.5	1.0				11.0	7.5								12.0						4.5
18-19			4.0	7.5						5.5		13.0										6.0	
19-20		7.5	3.0	7.0		9.0										11.5							8.0
20-21			2.0	6.0			11.0															10.0	
21-22	0.0		1.5	5.0				4.0															11.5
22-23			0.5	4.5	11.0	2.5		9.5	7.0	9.5										1.5			4.5
23-24			7.5	3.5		11.5	6.5		13.0		0.5									11.0		6.5	
24-25			6.5	2.5															1.0				8.5
25-26			5.5	1.5	7.5					4.5												10.0	
26-27			4.5	1.0		5.0		3.0															12.0
27-28		3.0	4.0					8.5	6.5			13.0									0.5		5.0
28-29			3.0	7.0	4.5				12.0													7.0	
29-30			2.0	6.0						8.5													8.5
30-31			1.5	5.0		7.5								12.0	0.0					1.5		10.5	

	AV HYA	DF HYA	DF HYA	DI HYA	DK HYA	V470 HYA	V470 HYA	SW LAC	SW LAC	VX LAC	AW LAC	CM LAC	CO LAC	CO LAC	DG LAC	GX LAC	MZ LAC	MZ LAC	Y LEO	UU LEO	UV LEO	VZ LEO	WZ LEO
MAX	10.2	11.0	11.0	11.0	10.5	13.0	13.0	9.2	9.2	10.9	10.6	8.5	10.5	10.5	10.8	10.1	11.2	11.2	9.5	11.4	9.5	10.6	11.3
MIN	10.6	11.5	11.5	12.0	11.0	13.5	13.5	10.0	10.0	12.3	11.3	9.5	11.0	11.0	12.0	10.4	12.1	12.1	12.7	12.7	10.2	11.7	12.0
DUR	4	4	4	4	4	3	3	3	3	4	5	4	5	5	4	6	4	4	5	4	3	4	5
TOT			(S)				(S)		(S)					(S)				(S)					
0- 1	5.0	7.0		6.0		8.0		6.0	2.5	3.5	0.5		6.5						9.0	10.0			
1- 2		6.5		11.5			7.5	5.5	1.5	5.5	4.0			0.5	6.5						6.5		
2- 3	6.0	6.5			7.5	7.0		4.5	0.5		7.5							1.0			11.0		12.0
3- 4		6.5		7.5	8.5		7.0	3.5				4.5	8.5										
4- 5	7.5	6.0			9.5	6.5		2.5	6.5					2.5							6.5		
5- 6		6.0			10.5		6.5	1.5	5.5									4.5	10.0	11.0	11.0	5.5	8.0
6- 7	8.5	5.5		9.5	12.0	6.0		0.5	4.5													7.5	
7- 8		5.5					6.0		3.5					4.5							6.5	9.5	
8- 9	10.0	5.5		6.0		5.5		6.5	3.0		0.5										11.0	12.0	
9-10		5.0		11.5			5.5	5.5	2.0		4.0												
10-11	11.0	5.0				5.0		5.0	1.0		7.5			6.5	2.5				11.5	12.0	6.5		
11-12		4.5		7.5			5.0	4.0	0.0			5.0	1.5								11.0		
12-13	12.0	4.5				4.5	9.0	3.0	7.0						7.5				4.0				8.5
13-14		4.5			6.5	9.0	4.0	2.0	6.0	1.0				8.5			3.5				6.5		
14-15				9.5	7.5	4.0	8.5	1.0	5.0	2.5			4.0								11.0		
15-16	6.0		8.0		8.5	8.5		0.5	4.0	4.5										13.0			4.5
16-17			7.5	5.5	10.0		8.0		3.0	6.5	0.5	0.5				6.0	7.0				6.5		
17-18	7.0		7.5	11.0	11.0	8.0		6.0	2.5		4.0		6.0						5.5	5.5	11.0	5.0	
18-19			7.5		12.0		7.5	5.0	1.5		7.5											7.0	
19-20	8.0		7.0	7.5		7.5		4.5	0.5			5.5									6.5	9.5	9.5
20-21			7.0	13.0			7.0	3.5					8.0								11.5	11.5	
21-22	9.5		6.5			6.5		2.5	6.5					2.0	3.0								
22-23			6.5	9.0			6.5	1.5	5.5										7.0	6.0	6.5		5.5
23-24	10.5		6.5			6.0		0.5	4.5						8.0						11.5		
24-25			6.0				6.0		3.5		0.5	1.0		4.0				3.5					
25-26	12.0		6.0	11.0	6.5	5.5		6.5	2.5		4.0										6.5		
26-27			5.5		8.0		5.5	5.5	2.0		7.5										11.5		10.5
27-28			5.5	7.0	9.0	5.0		5.0	1.0	0.0		6.0		6.0				7.5	8.5	7.0			
28-29	5.5		5.5	12.5	10.0		5.0	4.0	0.0	2.0			1.0								6.5		
29-30			5.0		11.0	4.5	9.5	3.0	7.0	4.0											11.5	5.0	6.5
30-31	6.5		5.0	9.0	12.0	9.0	4.0	2.0	6.0	5.5				8.0								7.0	

	XY LEO	XZ LEO	AM LEO	T LMI	Z LEP	RR LEP	RY LYN	UZ LYR	EW LYR	FL LYR	RU MON	RU MON	RW MON	AT MON	BB MON	BO MON	EP MON	V501 OPH	V508 OPH	EF ORI	EF ORI	EQ ORI	ER ORI
MAX	9.5	10.6	9.2	10.2	11.0	10.2	11.9	9.8	11.2	8.7	10.6	10.6	9.1	10.6	10.6	10.8	10.5	10.9	10.1	12.6	12.6	10.3	9.5
MIN	9.9	11.2	9.8	12.6	12.5	10.9	13.3	11.0	13.6	9.5	11.3	11.3	11.9	11.4	11.3	12.1	11.1	11.8	10.7	14.1	12.8	13.3	10.2
DUR	2	3	3	6	4	4	4	5	5	4	5	5	5	5	4	5	5	4	3	6	6	4	3
TOT													1			1							
												(S)									(S)		
0- 1		11.0	7.5		4.0										4.5						2.5		3.5
1- 2		10.5			4.0	9.5				2.0			8.0									4.5	10.0
2- 3		10.0		13.0	4.0	7.5	5.5								9.5					12.5			6.0
3- 4		9.5			3.5	5.5							5.5								8.0		2.5
4- 5		9.0	8.0		3.5	3.5					3.0						5.5			3.5			9.0
5- 6		8.5			3.5		2.5					6.0	3.5		8.0		9.0						5.5
6- 7		7.5			3.0		13.0															10.0	1.5
7- 8		7.0			3.0									4.0		9.0				9.5			8.0
8- 9		6.5	8.5		3.0										6.0			0.5			5.0	4.0	4.5
9-10		6.0			2.5		9.5	2.5						4.5					0.0				
10-11		5.5			2.5										11.0								7.0
11-12	6.5	5.0	6.5		2.5			0.0			7.0			5.0	4.5		3.0				10.5		3.5
12-13					2.5	9.0	6.5					10.0					6.5			6.0			10.0
13-14	6.5				2.0	7.0								6.0	9.0		10.0				1.5	9.5	6.5
14-15					2.0	5.0				3.5													2.5
15-16	6.0		7.0		2.0	3.0	3.5		1.5					6.5						11.5		3.5	9.0
16-17															7.5	6.5					7.0		5.5
17-18	6.0								0.5					7.5						2.5			2.0
18-19										12.0	11.5		11.5		12.5	12.0							8.5
19-20	5.5		8.0				10.5							8.0	6.0		4.0						4.5
20-21		11.0											9.5				7.5			8.5		9.5	
21-22	5.5	10.5												8.5	10.5		11.0				3.5		7.5
22-23		10.0					7.5						7.0		4.0							3.0	3.5
23-24	5.0	9.5	8.5			9.0						4.0		9.5									
24-25		9.0				7.0							5.0		9.0						9.5		6.5
25-26		8.0				5.0	4.5			1.0				10.0		4.0				5.0			3.0
26-27		7.5	6.5			3.0		3.0					2.5										9.5
27-28		7.0												10.5	7.5	9.5	4.5					9.0	5.5
28-29		6.5						0.5									8.5			10.5			2.0
29-30		6.0					12.0				5.5			11.5	12.0		12.0				6.0	3.0	8.5
30-31		5.5	7.0									8.0			5.5					1.5			5.0

	ER ORI	ET ORI	FH ORI	FL ORI	FR ORI	FT ORI	FZ ORI	FZ ORI	GU ORI	GU ORI	U PEG	U PEG	TY PEG	UX PEG	AQ PEG	BB PEG	BB PEG	BG PEG	BX PEG	DI PEG	GP PEG	KW PEG	KW PEG
MAX	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	10.6	10.6	10.5	10.9	9.6	10.2	12.1	12.1
MIN	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	11.2	11.2	11.8	11.5	10.8	11.0	12.4	12.4
DUR	3	5	5	3	4	4	3	3	4	4	3	3	6	5	12	3	3	4	3	2	4	3	3
TOT															4			1					
	(S)							(S)		(S)		(S)			(3)		(S)						(S)
0- 1	8.5			6.0	8.0		4.0	9.0	6.5		1.5	6.0		2.5			3.5		3.5				
1- 2	4.5				5.0		9.0	4.0	5.0	10.5	4.5					1.0				4.0			2.0
2- 3					2.5		4.0	9.0	3.5	9.0		3.0				3.5			2.5				
3- 4	7.5			8.5		2.5	9.0	4.0	2.0	8.0	1.5	6.0		4.5			1.0					3.0	
4- 5	4.0	11.0					4.0	9.0		6.5	4.5		0.0				3.0		2.0	0.5			
5- 6		9.5					9.0	4.0	10.5	5.0		3.0				0.5	5.0		4.5				4.0
6- 7	6.5	8.5				6.0	4.0	9.0	9.0	3.5	1.5	6.0				2.5			1.0	3.5			
7- 8	3.0	7.5	1.5		9.5		9.0	4.0	8.0	2.0	4.5		2.5			4.5	0.5		4.0				
8- 9	9.5	6.0			6.5		4.0	9.0	6.5			3.0					2.5		0.0			0.5	
9-10	6.0	5.0	5.0		4.0	9.5	9.0	4.0	5.0	10.5	1.5	6.0				0.0	4.5		3.0				
10-11	2.0	4.0			1.0		4.0	9.0	3.5	9.5	4.5		4.5			2.0		5.0					1.5
11-12	8.5	2.5	8.5	3.0			9.0	4.0	2.0	8.0		3.0				4.0			2.0	3.0			
12-13	5.0	1.5					4.0	9.0		6.5	1.5	6.0					2.0	4.0	5.0			2.5	
13-14							9.0	4.0	10.5	5.0	4.5						4.0		1.0				
14-15	8.0			5.0	11.0		4.0	9.0	9.5	3.5		3.0				1.5		2.5	4.0		6.5		3.5
15-16	4.0				8.0		9.0	4.0	8.0	2.0	1.5	5.5				3.5			0.5		6.0		
16-17					5.5		4.0	9.0	6.5		4.0						1.5	1.5	3.0	2.5	5.5	4.5	
17-18	7.0			7.5	2.5		9.0	4.0	5.0	10.5		2.5		2.0			3.5				4.5	0.5	
18-19	3.0						4.0	9.0	3.5	9.5	1.0	5.5				1.0		0.5	2.5	6.0	4.0		
19-20	9.5						9.0	4.0	2.0	8.0	4.0					3.0					3.5		1.0
20-21	6.0			10.0			4.0	9.0		6.5		2.5		4.5		5.0	0.5		1.5		3.0		
21-22	2.5						9.0	4.0	10.5	5.0	1.0	5.5			0.5		2.5		4.5	2.5	2.5	2.0	
22-23	9.0		3.0		10.0		4.0	9.0	9.5	3.5	4.0					0.5	5.0		0.5		2.0		
23-24	5.0				7.0		9.0	4.0	8.0	2.5		2.5				2.5			3.5	5.5	1.0		3.0
24-25	1.5	10.0	6.5		4.0		4.0	9.0	6.5		1.0	5.5				4.5	0.0				0.5		
25-26	8.0	9.0		2.0	1.5	3.5	9.0	4.0	5.0	10.5	4.0						2.0		2.5		0.0	4.0	
26-27	4.5	7.5	10.0				4.0	9.0	3.5	9.5		2.5					4.0			2.0			
27-28		6.5					9.0	4.0	2.5	8.0	1.0	5.5				2.0			1.5				
28-29	7.0	5.5		4.5		7.5	4.0	9.0		6.5	4.0					4.0			4.5	5.0			1.0
29-30	3.5	4.0			11.5		9.0	4.0	11.0	5.0		2.5					1.5		1.0				
30-31	10.0	3.0			8.5		4.0	9.0	9.5	3.5	1.0	5.5					3.5		3.5			2.0	

	Z PER	RT PER	RV PER	ST PER	XZ PER	IQ PER	IQ PER	IT PER	IU PER	KW PER	V432 PER	BETA PER	AE PHE	AE PHE	Y PSC	RV PSC	UZ PUP	UZ PUP	AV PUP	U SGE	V505 SGR	AO SER	CC SER
MAX	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	9.0	11.3	9.7	9.7	10.2	6.4	6.4	10.6	11.1
MIN	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	12.0	12.0	10.6	10.3	10.8	9.1	7.6	12.1	11.7
DUR	6	4	8	5	4	5	5	4	5	4	3	8	2	2	7	3	4	4	3	6	5	4	4
TOT	2			1																2			
							(S)							(S)				(S)					
0- 1	3.0	2.0								9.5	3.0		0.5	5.0		6.5			7.0				
1- 2							11.0			8.0	7.0		3.0					8.5					
2- 3						9.5		10.0		6.5	1.0		5.0	0.5									
3- 4	4.0	11.5					4.5		9.5	5.0	5.0			2.5		1.0	8.5		8.0				
4- 5		8.0		6.5	0.5	3.5			6.0	3.0	8.5		0.5	5.0	2.5	3.5					1.0		
5- 6		4.0			4.5				2.5	1.5	3.0		2.5			6.0		8.0				12.0	
6- 7	5.5	0.5			8.0						6.5		4.5	0.0		8.5	12.5		9.0				
7- 8					11.5			0.5			1.0			2.5			7.5		6.0				
8- 9							10.0				4.5		0.0	4.5		0.5		12.5					10.5
9-10	7.0	10.0				9.0			9.5		8.0		2.0			3.0		7.5	10.5				11.0
10-11		6.5					4.0	2.0	6.0		2.5		4.5			5.5	12.0		7.0				12.0
11-12		3.0				3.0			2.5		6.0	9.5		2.0		8.5	7.0						
12-13	8.0			5.0	2.0						0.5			4.0				11.5				12.5	
13-14					5.5			3.5		10.5	4.0		2.0			0.0		6.5	8.0				
14-15					9.5					9.0	7.5	6.5	4.0			2.5	11.5		5.0				
15-16	9.5	9.0					9.5		9.5	7.5	2.0			1.5		5.5	6.5						
16-17		5.0				8.5		5.0	6.0	5.5	5.5			4.0		8.0		11.0	9.5				
17-18		1.5	11.5				3.5		2.5	4.0	9.0	3.5	1.5					6.0	6.0				
18-19	11.0					2.5				2.5	3.5		3.5				10.5						
19-20			11.0					7.0		0.5	7.0			1.5	4.0	2.5	6.0		10.5				
20-21		11.0		4.0	3.5						1.5	0.0		3.5		5.0		10.5	7.5				
21-22		7.5	10.0		7.0				9.5		5.0		1.0			7.5		5.5					
22-23		4.0			11.0		9.0	8.5	6.0		9.0		3.5				10.0						
23-24		0.5	9.5			8.0			2.5		3.0		5.5	1.0			5.0		8.5				
24-25							3.0				7.0			3.0		2.0		10.0	5.0	1.5			10.5
25-26			9.0	11.0		1.5		10.0			1.0		1.0	5.0		4.5		5.0					11.0
26-27		10.0								11.5	5.0		3.0			7.0	9.5		9.5				12.0
27-28		6.0	8.5		1.5				9.5	10.0	8.5		5.0	0.5			4.5		6.5			11.5	
28-29		2.5		2.5	5.0				6.0	8.0	3.0			3.0				9.0					
29-30			7.5		8.5		8.5		2.5	6.5	6.5		0.5	5.0		1.5		4.5					
30-31					12.5	7.5		0.5		5.0	1.0		2.5			4.5	9.0		7.5				

	CC SER	Y SEX	RW TAU	RZ TAU	TY TAU	WY TAU	AC TAU	AM TAU	AQ TAU	CT TAU	EQ TAU	EQ TAU	HU TAU	V TRI	X TRI	RS TRI	RV TRI	W UMA	W UMA	TY UMA	TY UMA	UX UMA	UX UMA
MAX	11.1	9.8	8.0	10.5	11.5	11.5	10.5	10.4	12.0	10.2	10.3	10.3	6.0	10.9	8.9	10.3	11.4	9.1	9.1	11.7	11.7	12.7	12.7
MIN	11.7	10.2	12.5	11.2	12.0	11.7	12.3	12.3	12.9	11.5	11.0	11.0	6.8	11.9	12.0	11.0	12.5	9.9	9.9	12.4	12.4	13.8	13.8
DUR	4	3	4	3	2	4	6	5	5	5	3	3	6	4	4	4	4	3	3	3	3	1	1
TOT			1																				
	(S)											(S)							(S)		(S)		
0- 1	10.5			2.0	4.0	8.0				6.5	2.5	6.5					9.0	7.5	3.5		7.5	6.0	
1- 2	11.5	6.5		8.0	6.0	1.0		12.0			3.0	7.0	5.5	3.0		4.5	3.0	7.5	3.5	5.0			5.5
2- 3	12.0			4.0	8.0	10.0				6.5	3.5	7.5		7.0				7.5	3.5	6.5			
3- 4		9.0		10.0	9.5	3.0					4.0	8.0	7.0			2.0	9.5	7.5	3.5	8.0	3.5		
4- 5			9.5	6.0		12.0			4.0	6.5	4.5	0.5		1.0			3.5	7.5	3.5		5.0		9.5
5- 6				2.0		4.5			9.0		5.0	1.0	8.5	5.0				7.5	3.5		7.0	9.0	
6- 7		7.5		7.5						6.5	6.0	1.5					9.5	7.5	3.5	4.0	8.5		8.5
7- 8			4.0	3.5		6.5					6.5	2.5	10.0				3.5	7.5	3.5	5.5		8.0	
8- 9		10.0		9.5						6.5	7.0	3.0		3.5				7.5	3.5	7.0			7.5
9-10		6.0		5.5		8.5			0.5		7.5	3.5	11.0	7.5			10.0	7.5	3.5		4.5	7.5	
10-11				1.5		1.0			6.0	6.5	8.0	4.0					4.0	7.5	3.5		6.0		7.0
11-12		8.5		7.5		10.5			11.0		0.5	4.5		1.5				7.5	3.5		7.5	6.5	
12-13				3.5	0.5	3.0				6.5	1.0	5.0		5.5				8.0	4.0	4.5			6.0
13-14				9.5	2.5	12.0					1.5	5.5					4.5	8.0	4.0	6.0			
14-15		7.0		5.5	4.0	5.0				6.5	2.0	6.5						8.0	4.0	8.0			
15-16			11.5	1.0	6.0				2.5		3.0	7.0		4.0	9.0			8.0	4.0		5.0		
16-17	10.5	9.0		7.0	8.0	6.5			8.0	6.5	3.5	7.5		8.0	8.5		5.0	8.0	4.0		6.5	9.0	
17-18	11.0			3.0	9.5						4.0	8.0			8.0			8.0	4.0	4.0	8.0		9.0
18-19	12.0		6.0	9.0		8.5				6.5	4.5	0.5		2.0	7.0	8.5		8.0	4.0	5.5		8.5	
19-20		8.0		5.0		1.0					5.0	1.0		6.0	6.5		5.0	8.0	4.0	7.0			8.0
20-21				1.0		10.5				6.5	5.5	1.5			6.0	6.5		8.0	4.0	8.5	4.0	7.5	
21-22			0.5	7.0		3.0			4.5		6.5	2.0		0.5	5.0			8.0	4.0		5.5		7.0
22-23		6.5		3.0		12.5			9.5	6.5	7.0	2.5		4.5	4.5	4.0	5.5	8.0	4.0		7.0	7.0	
23-24				9.0		5.0	1.0				7.5	3.5		8.5	4.0			8.0	4.0	4.5			6.5
24-25		8.5		4.5						6.5	8.0	4.0			3.0	2.0			4.0	6.0		6.0	
25-26				0.5		7.0	2.0				0.5	4.5		2.5	2.5		6.0		4.0	7.5			
26-27				6.5	0.5				1.0	6.5	1.0	5.0		6.5	1.5				4.0		5.0		
27-28		7.0		2.5	2.5	8.5	3.0		6.5		1.5	5.5			1.0				4.0		6.5		
28-29				8.5	4.5	1.5		1.5	11.5	6.5	2.0	6.0		1.0	0.5		6.0		4.0	3.5	8.0		9.0
29-30		9.5	7.5	4.5	6.0	10.5	4.0				2.5	7.0		5.0			0.5		4.0	5.0		8.5	
30-31		5.5		0.5	8.0	3.0		2.5		6.5	3.5	7.5	0.5	9.0					4.0	6.5			8.5

	VV UMA	XZ UMA	ZZ UMA	AF UMA	W UMI	RU UMI	VV VIR	AG VIR	AH VIR	AH VIR	AK VIR	AX VIR	BH VIR	Z VUL	AW VUL	AX VUL	AY VUL	BE VUL	BO VUL	BS VUL	BT VUL	BU VUL	CD VUL
MAX	10.1	10.1	9.8	10.8	8.6	10.7	11.7	8.8	9.7	9.7	10.0	10.0	9.9	7.4	10.8	11.0	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	11.0	11.7	11.2	11.6	9.7	11.4	13.5	9.4	10.2	10.2	11.5	10.8	11.3	9.2	11.9	12.5	12.9	11.4	13.3	11.5	12.5	11.4	12.6
DUR	3	3	4	8	7	4	4	4	4	4	4	4	4	6	5	5	4	5	4	3	3	3	4
TOT										(S)													
0- 1		9.0				5.0		9.5												0.5			3.5
1- 2	8.0					6.5										1.0						0.0	
2- 3					9.0	7.5		7.5														3.5	
3- 4	9.5					9.0				7.5					3.5	2.0							
4- 5	2.0				1.5	10.0			8.0			10.5											
5- 6	11.0	6.5	5.0			11.0		12.5		8.5						2.5							
6- 7	3.5	11.5				12.5			9.0													3.0	
7- 8	12.5		12.5		11.5	1.0		11.0		9.5			11.5			3.0		0.5			1.5		
8- 9	5.0			0.5		2.0														2.5			
9-10					4.0	3.5		9.0								3.5				1.5			0.5
10-11	6.5	3.5				4.5					13.0							3.0		0.0		2.5	
11-12		9.0				6.0		7.5				11.5											2.0
12-13	8.0		3.0			7.0									0.0								
13-14				6.5		8.0			7.5														3.0
14-15	9.5		10.0		6.5	9.5		12.5		7.5							1.0					2.0	
15-16	2.0					10.5			8.0					2.0							1.0		
16-17	11.0	6.5				11.5		11.0		8.5	12.0	9.5	11.0		1.0								
17-18	3.5	11.5				0.5	10.5		9.0														
18-19	12.5			13.0		1.5		9.0		9.5		12.0								2.5		2.0	
19-20	5.0		0.5		9.0	2.5														1.5			
20-21						4.0		7.5					13.0		1.5					0.0			
21-22	6.5	3.5	7.5		2.0	5.0																	
22-23		9.0				6.5					11.5											1.5	0.5
23-24	8.0					7.5		12.5				10.0									1.0		
24-25				11.5		8.5			7.5						2.5			2.0					1.5
25-26	9.5					10.0		11.0		8.0		12.5	10.5										
26-27	2.0				4.5	11.0			8.0								2.0					1.0	3.0
27-28	11.0	6.5				12.5		9.0		8.5													
28-29	3.5	12.0	5.0			1.0			9.0						3.5					2.5			
29-30	12.5			1.0		2.0		7.5		9.5			12.5							1.0			
30-31	5.0		12.0			3.5						10.5							2.0	0.0		0.5	