

The 2023 AAVSO Eclipsing Binary Ephemeris

The AAVSO Eclipsing Binary Ephemeris provides the predicted time of mid-eclipse for eclipsing binaries in the AAVSO Eclipsing Binary observing program. These times appear in Universal Time in the body of the ephemeris table. The time is rounded to the nearest half hour, which provides sufficient accuracy to plan an observing session while, hopefully, leaving sufficient doubt about the exact time in order to eliminate anticipatory bias. The ephemeris is designed for use by observers at American longitudes.

The top rows of the ephemeris table list the name of the eclipsing binary. Directly below the star's name are its approximate maximum and minimum magnitudes. These magnitudes are taken from the 4th edition of the GCVS and may be visual, photographic, or V.

Below that, in the row labeled "DUR", the approximate number of hours required to obtain a time of minimum. This time is typically shorter than the duration of the eclipse listed in the GCVS. We need good coverage of

the steep portion of the descending leg through the corresponding portion of the ascending leg of the eclipse to measure the time of mid-eclipse accurately.

The next row, labeled "TOT" indicates the duration of the totality at minimum in hours.

The numbers in the left-most column are the "double date" - the evening and the following morning - for the event times listed in the corresponding row. For example, 5-6 corresponds to the evening of the 5th and the morning of the 6th of the month. January 0-1 is the evening of December 31 and the morning of January 1.

The 'S' in the table heading stands for secondary eclipse. All other predictions are for the primary eclipse. Sometimes a secondary eclipse column may appear where there is no primary eclipse column for a star; this occurs when none of the primary eclipses for that star during that month are observable.

Gerard Samolyk, AAVSO Eclipsing Binary Section

REFERENCE

Kholopov, P. N., *et al.* 1985, *General Catalogue of Variable Stars*, Fourth Edition, Moscow.

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	RT	TW	UU	WZ	XZ	AB	AB	AD	BD	BX	DS	CX	CZ	OO	V342	V343	V346	SS	SS	WW	WW	AP	AP
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQL	AQL	AQL	AQL	ARI	ARI	AUR	AUR	AUR	AUR
MAX	9.3	8.8	11.2	11.6	10.0	9.3	9.3	11.1	11.3	8.6	10.8	10.7	10.3	9.2	9.0	10.6	9.0	10.1	10.1	5.7	5.7	10.9	10.9
MIN	10.2	11.0	14.1	12.6	13.0	10.2	10.2	11.6	11.7	9.5	11.4	12.0	11.2	10.1	12.5	12.3	10.4	11.1	11.1	6.4	6.4	11.4	11.4
DUR	3	11	8	4	3	3	3	4	3	4	4	3	3	3	7	4	4	3	3	5	5	4	4
TOT		2															3						
							(S)				(S)			(S)				(S)		(S)		(S)	
0- 1	2.5					0.5	4.5	5.5	5.0		4.5							0.5	5.5	1.5		3.5	10.5
1- 2				3.0	3.0	0.5	4.5	5.5	3.5	5.0	4.5							6.0	1.0		8.0	7.0	0.0
2- 3		1.0				0.0	4.0	5.0	1.5		5.0							1.5	6.0			10.0	3.5
3- 4	6.0			5.0		0.0	4.0	4.5		1.0	5.0							6.5	1.5				6.5
4- 5			6.0				4.0	4.5		6.0	5.5	1.0						2.0	7.0			3.0	10.0
5- 6	3.5				5.0		4.0	4.0			5.5					12.5		2.5	2.5	3.0		6.5	
6- 7		4.0					4.0	3.5	5.5	2.0	6.0			13.0				2.5			9.0	10.0	3.0
7- 8	0.5		5.0				3.5	3.5	4.0	7.5	6.0								3.0				6.5
8- 9				2.0			3.5	3.0	2.0		6.5		0.5					3.5				3.0	9.5
9-10					6.5		3.5	2.5	0.0	3.5	6.5	1.5							4.0			6.0	
10-11	4.0		4.5	4.0			3.5	2.5			7.0							4.0		4.0		9.5	2.5
11-12							3.0	2.0			7.0						0.5		4.5		10.5	13.0	6.0
12-13	1.5			6.0			3.0	1.5	6.0	4.5	7.5							5.0	0.0			2.5	9.5
13-14			4.0				3.0	1.5	4.0		7.5							0.5	5.0			6.0	12.5
14-15							3.0	1.0	2.5	0.5	8.0	1.5	1.5					5.5	0.5			9.0	2.5
15-16	5.0			1.0			3.0	0.5	0.5	6.0				0.0				1.0	6.0	5.5		12.5	5.5
16-17			3.0		1.5		2.5	0.5										6.5	1.5		11.5	2.0	9.0
17-18	2.0			3.0			2.5	0.0		1.5								2.0	6.5			5.5	12.5
18-19							2.5			7.0								7.0	2.0			9.0	2.0
19-20			2.5	5.0			2.5		4.5			1.5						2.5			0.0	12.0	5.5
20-21	5.5				3.5		2.5		3.0	3.0									3.0	6.5		2.0	8.5
21-22							2.0		1.0	8.0								3.0				5.0	12.0
22-23	3.0		2.0				2.0												3.5			8.5	1.5
23-24							2.0		4.0									4.0				12.0	5.0
24-25	0.0			2.0	5.0		2.0					1.5							4.5		1.5	1.5	8.5
25-26	6.5		1.0				2.0		5.0	0.0								4.5		7.5		5.0	11.5
26-27				4.0			1.5		3.5	5.5								0.0	5.0			8.0	1.5
27-28	3.5						1.5		1.5				0.0					5.5	0.5			11.5	4.5
28-29			0.5	6.0	6.5		1.5			1.5								1.0	6.0			1.0	8.0
29-30	1.0						1.5			6.5		1.5						6.0	1.0		2.5	4.5	11.5
30-31							1.5											1.5	6.5	9.0		8.0	1.0

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	AR	AR	CL	EP	HP	HP	TU	TU	TY	TY	TZ	TZ	Y	SV	AL	CD	CD	R	RT	SX	TU	TZ	TZ
	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA	CMA	CMA	CMA
MAX	6.0	6.0	11.7	10.8	10.8	10.8	11.7	11.7	11.8	11.8	10.6	10.6	10.6	8.6	10.5	11.6	11.6	6.2	11.4	10.3	9.7	9.8	9.8
MIN	6.7	6.7	13.2	11.3	11.5	11.5	12.7	12.7	12.3	12.3	11.1	11.1	12.4	9.4	11.3	11.8	11.8	6.8	12.9	11.4	10.7	10.5	10.5
DUR	5	5	4	3	3	3	3	3	3	3	3	3	6	3	5	5	5	4	5	4	4	4	4
TOT		(S)			(S)		(S)		(S)		(S)					(S)							(S)
0- 1		9.0												1.0		12.0	3.0		8.0				
1- 2			0.5	3.0	8.5				7.0				6.0	5.5	2.5	6.5							
2- 3	10.5		6.5	7.5		1.5		8.0			6.5			9.5	10.5	1.0	10.0				4.0		
3- 4				11.5				7.0									4.5			6.5	7.0		
4- 5				2.0	4.5			6.5		7.5				4.5		8.0		2.0	5.5				
5- 6				6.5										9.0	2.0	2.0	11.5	5.0					
6- 7			10.5		8.0						7.0				10.0		5.5	8.5					8.5
7- 8		6.0	1.0	1.0										3.5		9.0							
8- 9			5.0				7.5							8.0		3.5	12.5		2.5	3.5		5.0	
9-10			9.5		4.0	7.0								12.5	2.0		7.0						
10-11						6.5								3.0	9.5	10.5	1.5						4.5
11-12			4.0	7.5					7.0				4.0	7.0		5.0				9.5	4.5		
12-13			5.5	8.5	0.5									11.5			8.5				7.5		
13-14					10.5						6.5			2.0	1.5	12.0	2.5	4.0	6.5				
14-15			3.0	4.0			7.5	7.5					11.5	6.5	9.5	6.0		7.5					
15-16			7.5				7.0							11.0		0.5	9.5						
16-17					7.0		6.5							1.0			4.0			6.0			
17-18		5.0	2.0	0.0							7.0			5.5	1.0	7.5			4.0				
18-19		10.5	6.5	10.0										10.0	9.0	2.0	11.0						
19-20			10.5		3.5									0.5			5.5				2.0		
20-21			1.0		7.5									4.5		9.0					5.0		
21-22	1.0		5.0	6.5		7.0		7.0					2.0	9.0	0.5	3.5	12.5	3.0	1.0	3.0	8.0		
22-23		4.0	9.5			6.5									8.5		7.0	6.0	8.0				
23-24	2.5		10.0		9.5									4.0		10.5	1.0	9.5					
24-25			4.0	3.0					7.0	6.5			9.5	8.5		4.5				9.0			
25-26	4.5		8.5											13.0	0.5		8.0						
26-27					6.0		7.5							3.0	8.0	11.5	2.5		5.0				
27-28	6.0		3.5	3.0			7.0	7.5						7.5		6.0						8.0	
28-29		9.5	7.5	9.0			6.5				7.0			12.0		0.5	9.5				2.5		
29-30	7.5				2.5									2.5			4.0			6.0	5.5		7.0
30-31			2.0											6.5	8.0	7.5		5.0	2.5		8.5		

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	UU	XZ	AK	RZ	TV	AB	CW	CW	DZ	IR	IS	MM	OR	PV	PV	V364	V364	V375	U	SU	WZ	WZ	XX
	CMA	CMI	CMI	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP
MAX	10.0	9.7	10.1	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	11.7	11.7	8.5
MIN	12.5	10.2	11.5	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	11.3	11.1	9.6
DUR	5	3	4	4	4	4	3	3	4	4	5	5	4	3	3	4	4	5	4	4	3	3	4
TOT																			2				
								(S)							(S)		(S)					(S)	
0- 1	5.5	9.0	2.0	7.0			4.0	0.0			6.5				1.5						7.0	2.0	11.5
1- 2			5.0	11.5		7.0	3.0	7.0								4.0					3.0	8.0	
2- 3	9.5	2.5	8.5		8.5		2.0	6.0	5.5	1.0	3.0							11.0		5.5	9.0	4.0	
3- 4		6.5	11.5				1.0	4.5	0.0				4.0						9.5	3.0	5.0	0.0	
4- 5		10.0	1.0		4.0	0.5	7.5	3.5		2.0		2.5	10.0			6.0				1.0	1.0	6.0	
5- 6			4.5	1.5		9.5	6.5	2.5				6.0			7.5		0.5	9.5			7.0	2.0	4.0
6- 7		4.0	7.5	6.5			5.5	1.5	3.5	3.0				4.0							3.5	8.5	
7- 8		7.5	10.5	11.0			4.5	0.5							1.5	8.0					9.5	4.5	12.0
8- 9		11.5				3.0	3.5	7.0		4.0			4.0					2.5	8.5	9.0	13.0	5.5	0.5
9-10			3.5		12.0	2.5	6.0	7.0	7.0	5.0	11.5		9.5									1.5	6.5
10-11		5.0	6.5				1.5	5.0	2.0	5.0												7.5	2.5
11-12		9.0	9.5	1.0			0.0	4.0			8.0	1.0					4.5	7.0		6.0	3.5	8.5	
12-13				5.5		5.5	7.0	3.0		6.0		5.0			7.5					3.5	9.5	4.5	4.0
13-14	5.5	2.5	2.5	10.5	5.5		6.0	2.0	5.0		4.0		3.5	4.0					8.5	1.0	5.5	0.5	
14-15		6.5	5.5				5.0	1.0					9.0		1.5		6.5	6.0			1.5	6.5	12.0
15-16	9.5	10.0	8.5		1.0		3.5	7.5			0.0					1.0					7.5	2.5	
16-17						8.0	2.5	6.5													3.5	8.5	
17-18		4.0	1.5	0.5			1.5	5.5	3.5	0.5								4.5			10.0	4.5	
18-19		7.5	4.5	5.0			0.5	4.5				0.0	3.0			3.0			8.5		6.0	1.0	
19-20		11.5	8.0	10.0		1.5	7.0	3.5		1.5		4.0	9.0		8.0						2.0	7.0	4.5
20-21			11.0			10.5	6.0	2.5	6.5		13.0	7.5		4.0				3.5			8.0	3.0	
21-22		5.0					5.0	1.5	1.5	2.5					2.0	5.5				4.0	4.0	9.0	12.5
22-23		9.0	3.5		7.0		4.0	0.0			9.0									1.5	10.0	5.0	
23-24			7.0			4.0	3.0	7.0		3.5			2.5					2.0	8.0		6.0	1.0	
24-25		2.5	10.0	4.5	2.5	13.0	2.0	6.0	5.0		5.0		8.5			7.5					2.0	7.0	
25-26		6.0		9.5			1.0	5.0		4.5							2.0				8.0	3.0	
26-27	5.5	10.0	3.0				7.5	3.5			1.5	2.5			8.0						4.0	9.0	4.5
27-28			6.0			6.5	6.5	2.5		5.5		6.5		4.0				12.0		11.5	0.0	5.0	
28-29	9.5	3.5	9.0				5.5	1.5	3.0				2.0		2.0		4.0		7.5		6.0	1.0	13.0
29-30		7.5					4.5	0.5		6.5			8.0								2.5	7.5	
30-31		11.5	2.0	4.0			3.5	7.0										11.0		4.0	8.5	3.5	

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	DK	DL	DV	EG	RW	RW	RZ	RZ	SS	SS	CC	CC	U	RW	W	W	RV	RV	V	Y	SW	WW	ZZ	
	CEP	CEP	CEP	CEP	COM	COM	COM	COM	COM	COM	COM	COM	CRB	CRB	CRV	CRV	CRV	CRV	CRT	CYG	CYG	CYG	CYG	
MAX	12.2	12.4	11.6	9.6	11.0	11.0	10.0	10.0	10.9	10.9	11.0	11.0	7.6	10.1	10.6	10.6	9.0	9.0	9.5	7.0	9.3	9.9	10.7	
MIN	14.2	13.2	12.4	10.6	11.6	11.6	10.7	10.7	11.5	11.5	11.9	11.9	8.8	10.6	11.2	11.2	10.0	10.0	10.2	7.6	11.8	13.2	12.0	
DUR	4	5	4	3	3	3	3	3	4	4	2	2	5	4	4	4	4	4	4	6	5	5	4	
TOT																					2			
						(S)		(S)		(S)		(S)				(S)		(S)						
0- 1			11.0	13.0	5.5		8.0			6.5	4.5						11.0		7.5				3.0	
1- 2				2.0					7.5															
2- 3	7.5	11.0		4.0						8.0				9.5					10.5	1.0			0.5	
3- 4	7.0			6.5					9.0				11.5			9.0	10.5							
4- 5	7.0	2.0		8.5				5.5		9.5					8.0			13.0	13.0		2.0	1.5	12.5	
5- 6	6.5		2.5	10.5	5.0					5.5						7.5				1.0				
6- 7	6.0		6.5	12.5					6.0	6.0					7.0		10.5							
7- 8	6.0		10.0	2.0		5.5			6.5	7.0				11.5				12.5	8.0				1.0	
8- 9	5.5			4.0					7.0	7.5										0.5				
9-10	5.0			6.0					7.0								10.0		11.0					
10-11	4.5			8.0	5.0				7.5	9.5			9.0	9.0			8.5		12.5					
11-12	4.5			10.5					8.0							8.0							0.5	
12-13	4.0	6.0	1.5	12.5		5.0				6.0						7.0	10.0			6.0			1.5	
13-14	3.5		5.5	1.5					6.5		5.0							12.0						
14-15	3.5		9.5	3.5	5.5					7.5		5.0								8.5	0.5	0.5		
15-16	3.0	12.0		6.0			5.5		8.0		5.0			11.0			9.5							
16-17	2.5			8.0			5.5			9.0		4.5			9.0			12.0	11.5				11.5	
17-18	2.5	3.0		10.0		5.0	6.0		9.5							8.5				0.5			2.5	
18-19	2.0			12.0			6.5		5.5					9.0	7.5		9.5							
19-20	1.5		1.0	1.5	5.0		7.0			6.5						7.0		11.5	6.5					
20-21	1.5		5.0	3.5			7.0		7.0											0.5				
21-22	1.0		9.0	5.5		5.5	7.5			8.0							9.0		9.0				12.0	
22-23	0.5	0.5	12.5	7.5			8.0		8.5									11.0					3.0	
23-24	0.5			10.0						9.5				11.0	8.5					12.0	0.5			
24-25	0.0			12.0	5.0											8.0	8.5						0.5	
25-26		7.0		1.0				5.0	6.0						7.0			11.0						
26-27			0.5	3.0		5.5		5.5		6.5				8.5					7.0	0.0			12.5	
27-28			4.5	5.5				6.0	7.5								8.5							
28-29			8.0	7.5	5.5			6.0		8.5				13.0				10.5	9.5					
29-30			12.0	9.5				6.5	9.0		5.0					9.0				0.0			1.0	
30-31		4.5		12.0				7.0		10.0	5.0					8.5		8.0		12.0				

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	AE	BR	CG	DK	KV	V346	V387	V388	V456	V466	V466	V477	V477	V704	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA
MAX	11.8	9.4	11.0	10.3	11.5	11.8	11.5	9.7	10.8	10.8	10.8	8.3	8.3	13.8	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2
MIN	12.8	10.5	11.8	10.8	12.6	13.6	12.3	10.3	11.9	11.6	11.6	9.2	8.7	14.6	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2
DUR	4	4	3	4	5	5	3	3	3	4	4	4	4	4	4	4	3	4	3	5	5	5	4
TOT																				1			
										(S)		(S)											(S)
0- 1																			8.0				
1- 2				3.0				2.0											10.5				7.5
2- 3		0.0		1.5			13.0		2.5					0.0				7.0			5.5		12.0
3- 4				0.0		1.0								3.5					2.5				
4- 5																				11.5			
5- 6			1.0					2.5										0.0	7.0		11.5		
6- 7		0.0														0.5	0.0	8.5	9.5				
7- 8								0.5						3.5					12.0	7.0		2.5	7.0
8- 9					1.5	13.0													1.5				12.0
9-10				3.0							0.5				1.0			2.0					
10-11	2.5	0.0	2.0	1.5				12.5										10.5		2.0		9.0	
11-12	1.5			0.0					0.5					12.0	3.0				8.5				
12-13	1.0									12.0									11.0		0.0		
13-14	0.0																	3.5	0.5				7.0
14-15						0.5	1.5											12.0	3.0				12.0
15-16														3.0								6.5	
16-17								13.0											7.5				
17-18			1.0	3.0														5.5	10.0				
18-19				1.5															12.5	12.5	12.5		
19-20				0.0		12.5			1.0					3.0					2.0				
20-21																						4.0	11.5
21-22								2.5										7.0		7.5			
22-23			2.0										13.0						9.0				
23-24								1.0						3.0					11.5			10.0	
24-25																	0.5	0.0	0.5	3.0			
25-26				3.0						0.5								9.0	3.0		1.0		
26-27				1.5																			11.5
27-28				0.0					1.5					2.5					8.0				
28-29											12.0							2.0	10.5		7.5		
29-30			0.5													0.5		10.5	13.0				
30-31							2.0							13.0					2.0				

AAVSO Eclipsing Binary Ephemeris for January 2023

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	TZ	YY	YY	RW	AF	SZ	TU	UX	CC	CT	AV	DF	DF	DI	DK	SW	SW	VX	CM	CO	CO	Y	UU
	ERI	ERI	ERI	GEM	GEM	HER	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	LAC	LAC	LAC	LAC	LAC	LAC	LEO	LEO
MAX	9.8	8.4	8.4	9.6	10.2	10.2	10.6	8.9	9.5	9.9	10.2	11.0	11.0	11.0	10.5	9.2	9.2	10.9	8.5	10.5	10.5	9.5	11.4
MIN	12.6	9.1	9.1	11.6	11.3	12.0	13.4	9.8	12.8	11.2	10.6	11.5	11.5	12.0	11.0	10.0	10.0	12.3	9.5	11.0	11.0	12.7	12.7
DUR	4	3	3	5	4	4	5	5	4	4	4	4	4	4	4	3	3	4	4	5	5	5	4
TOT	1			1			1																
			(S)									(S)				(S)			(S)				
0- 1	3.5	1.0	5.0		11.0						11.0		5.5		12.5	4.0	0.0					10.5	
1- 2		0.0	4.0	10.0				11.5			3.5		5.0	4.5		3.0			1.5	3.5		11.0	
2- 3		7.0	3.0						10.0		12.5		5.0	10.0		2.0							3.0
3- 4		6.0	2.5							12.5	5.0		5.0			1.5						3.5	
4- 5		5.5	1.5	7.0	4.5	11.5							4.5	6.0		0.5	4.5			5.5			
5- 6		4.5	0.5		10.5						6.0		4.5	11.5	5.0		3.5						11.5
6- 7		3.5	7.5										4.0	6.0			2.5				12.5	12.0	
7- 8		3.0	6.5	4.0							7.0		4.0	8.0	7.0		1.5						4.0
8- 9		2.0	6.0									8.0	4.0	4.0	8.0	4.5	0.5				1.5	4.5	
9-10		1.0	5.0		4.0						8.5	7.5	3.5	4.0	9.0	3.5			2.0				
10-11		0.0	4.0	0.5	10.0							7.5	3.5	9.5	10.5	2.5							12.5
11-12		7.0	3.5								9.5	7.0	3.0		11.5	2.0		1.5			3.5		
12-13		6.5	2.5							11.0		7.0	3.0	6.0	12.5	1.0	4.5	3.5					5.0
13-14	4.5	5.5	1.5			11.5					11.0	7.0	3.0	11.5			4.0					6.0	
14-15		4.5	0.5		3.5						3.0	6.5	2.5				3.0					6.0	
15-16		3.5			9.5						12.0	6.5	2.5	7.5			2.0			1.0			
16-17		3.0	6.5				10.0				4.5	6.0	2.5			5.0	1.0						
17-18		2.0	6.0									6.0		4.0	5.0	4.0	0.0		2.5				6.0
18-19		1.0	5.0					12.5			5.5	6.0		9.5	6.0	3.0				3.0		7.5	
19-20		0.5	4.0		3.0							5.5		7.0	2.0								
20-21		7.0	3.5		8.5						7.0	5.5		5.5	8.5	1.5							
21-22	0.0	6.5	2.5						12.0	9.5		5.0		11.0	9.5	0.5	4.0			5.0			
22-23		5.5	1.5			11.0					8.0	5.0			10.5		3.5						6.5
23-24		4.5	0.5								5.0			7.5	11.5		2.5					9.0	
24-25		3.5		8.5	2.0						9.5	4.5					1.5			7.0			
25-26		3.0	7.0		8.0		11.5					4.5		3.5		4.5	0.5	1.0	3.0		1.0		
26-27	5.0	2.0	6.0							10.5	4.5			9.0		3.5		2.5					
27-28		1.0	5.0	5.0							4.0					2.5		4.5					7.5
28-29		0.5	4.0					10.5	13.0	11.5	4.0	8.0	5.5			1.5					3.0	10.0	
29-30		7.0	3.5		1.5						4.0	3.5	7.5	11.0	5.0	1.0	4.5						
30-31		6.5	2.5	2.0	7.5						13.0	3.5	7.5		6.5		4.0						2.5

	FL	FT	FZ	FZ	GU	GU	U	U	TY	AQ	BB	BB	BX	DI	GP	Z	RT	ST	XZ	BETA	Y	UZ	UZ
	ORI	ORI	ORI	ORI	ORI	ORI	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PSC	PUP	PUP
MAX	10.5	9.1	10.7	10.7	12.6	12.6	9.7	9.7	10.5	10.3	10.6	10.6	10.9	9.6	10.2	9.9	10.6	9.7	10.6	2.2	9.0	9.7	9.7
MIN	13.2	9.7	11.3	11.3	13.5	13.5	10.5	10.5	12.6	13.0	11.2	11.2	11.5	10.8	11.0	12.4	12.0	13.2	12.7	3.5	12.0	10.6	10.3
DUR	3	4	3	3	4	4	3	3	6	12	3	3	3	2	4	6	4	5	4	8	7	4	4
TOT										4						2		1					
				(S)		(S)		(S)				(S)											(S)
0- 1		2.5	0.0	5.0	3.0	8.5		3.0					3.0						7.5				
1- 2	7.0		5.0	0.0	1.5	7.0	1.5				1.5									3.5			6.0
2- 3			0.0	5.0	0.0	6.0	4.5	0.0					2.0		4.5							11.0	
3- 4		6.0	5.0	0.0	10.0	4.5		3.0			1.5				4.0		7.5					6.0	
4- 5			0.0	5.0	8.5	3.0	1.5						1.0	3.0	3.5		4.0			0.5			10.5
5- 6			5.0	0.0	7.0	1.5	4.5	0.0			1.0				3.0		0.5						5.5
6- 7		10.0	0.0	5.0	6.0	0.0		3.0					0.5		2.0							10.0	
7- 8			5.0	0.0	4.5	10.0	1.5				1.0				1.5			7.0	5.5		4.0	5.5	
8- 9			0.0	5.0	3.0	8.5	4.5	0.0			3.0				1.0		10.0		9.0				10.0
9-10	1.5		5.0	0.0	1.5	7.0		3.0			0.5		2.5	2.5	0.5		6.5						5.0
10-11			0.0	5.0	0.0	6.0	1.5				2.5						3.0						9.5
11-12			5.0	0.0	10.0	4.5	4.5					0.5	1.5										4.5
12-13	3.5		0.0	5.0	8.5	3.0		3.0				2.5											9.5
13-14			5.0	0.0	7.0	1.5	1.5				0.0		0.5										4.5
14-15			0.0	5.0	6.0	0.0	4.5				2.0			2.0			8.5		3.5				9.0
15-16	6.0		5.0	0.0	4.5	10.0		3.0		2.0							5.0	5.5	7.0				4.0
16-17			0.0	5.0	3.0	8.5	1.5				2.0	2.5					1.5		10.5				8.5
17-18			5.0	0.0	1.5	7.0	4.5																3.5
18-19	8.5		0.0	5.0	0.0	6.0		3.0			1.5		1.5							8.5			8.5
19-20		0.5	5.0	0.0	10.0	4.5	1.5							1.5									3.5
20-21			0.0	5.0	8.5	3.0	4.5					1.0	1.0				7.5						8.0
21-22			5.0	0.0	7.5	1.5		3.0									4.0		1.0	5.0			3.0
22-23		4.0	0.0	5.0	6.0	0.0	1.5				1.0						0.0		5.0				7.5
23-24	0.5		5.0	0.0	4.5	10.0	4.5				3.0		3.0					4.5	8.5				3.0
24-25			0.0	5.0	3.0	8.5		3.0				0.5		1.0						2.0			7.5
25-26		7.5	5.0	0.0	1.5	7.5	1.5					2.5	2.0				9.5						2.5
26-27	2.5		0.0	5.0	0.0	6.0	4.0				0.5					0.5	6.0						7.0
27-28			5.0	0.0	10.0	4.5		2.5			2.5		1.0				2.5						2.0
28-29		11.0	0.0	5.0	8.5	3.0	1.0				0.0												7.0
29-30	5.0		5.0	0.0	7.5	1.5	4.0				2.0	0.0	1.0			1.5			2.5				
30-31			0.0	5.0	6.0	0.0		2.5	1.5										6.5				6.5

	U	AO	CC	CC	RW	RZ	TY	WY	AC	AM	EQ	EQ	V	X	RV	W	W	TX	TY	TY	UX	VV	XZ	
	SGE	SER	SER	SER	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	
MAX	6.4	10.6	11.1	11.1	8.0	10.5	11.5	11.5	10.5	10.4	10.3	10.3	10.9	8.9	11.4	9.1	9.1	6.8	11.7	11.7	12.7	10.1	10.1	
MIN	9.1	12.1	11.7	11.7	12.5	11.2	12.0	11.7	12.3	12.3	11.0	11.0	11.9	12.0	12.5	9.9	9.9	8.9	12.4	12.4	13.8	11.0	11.7	
DUR	6	4	4	4	4	3	2	4	6	5	3	3	4	4	4	3	3	6	3	3	1	3	3	
TOT	2				1																			
				(S)							(S)					(S)			(S)					
0- 1					3.0						2.5	6.5		1.5		0.5	4.5			5.5		5.0		
1- 2				9.0	8.5		6.5				3.0	7.0	1.0	0.5	4.5	0.5	4.5	13.0	3.0	7.0	6.5			
2- 3				9.5	4.5						3.5	7.5	5.0			0.5	4.5		4.5			6.5		
3- 4				10.5	0.5		8.0				4.0	0.0				0.5	4.5		6.0	1.5	5.5	4.5		
4- 5				11.0	6.5		1.0				5.0	0.5			5.0	0.5	4.5		7.5	3.0		8.0	10.0	
5- 6				12.0	2.5	1.0	10.0	0.5			5.5	1.5	3.5			0.5	4.5			4.5	4.5	0.5		
6- 7	11.5				4.5	8.5	3.0	2.5			6.0	2.0				1.0	5.0		2.0	6.0	9.0	9.5		
7- 8					4.5	5.0		1.5			6.5	2.5			5.5	1.0	5.0		3.5	7.5	4.0	2.0		
8- 9					0.5	6.5	4.5				7.0	3.0	1.5			1.0	5.0		5.0		8.5	11.0	2.0	
9-10			9.0		6.5	8.5		2.5			7.5	3.5	5.5			1.0	5.0		6.5	2.5		3.5	7.5	
10-11			9.5		2.0		6.5				0.0	4.0				5.5	1.0	5.0		8.0	4.0	7.5	12.5	12.5
11-12			10.5		8.0			4.0			0.5	4.5				1.0	5.0			5.5		5.0		
12-13			11.0		4.0		8.5				1.0	5.5	4.0			1.0	5.0			2.5	7.0	6.5		
13-14	12.0	12.0			0.0		1.0	5.0			2.0	6.0			6.0	1.0	5.0		4.0	8.5		6.5		
14-15	9.5				6.0		10.0				2.5	6.5			0.0	1.0	5.0		5.5		6.0		4.5	
15-16					2.0		3.0	6.0			3.0	7.0	2.0			1.0	5.0		7.0	3.0		8.0	10.0	
16-17					8.0						3.5	7.5	6.0			6.5	1.0	5.0		4.5	5.0	0.5		
17-18				9.0	6.5	4.0		4.5	7.0		4.0	8.0			0.5	1.0	5.0		1.5	6.0	9.5	9.5		
18-19				9.5							4.5	0.5	0.5			1.0	5.0		3.5	7.5	4.5	2.0		
19-20				10.5		5.5	1.0	6.5	8.0		5.0	1.0	4.5			6.5	1.0	5.0		5.0		8.5	11.0	2.0
20-21				11.0	1.0	1.5	3.0			0.0	6.0	1.5				1.0	1.0	5.0		6.5	2.0		3.5	7.5
21-22	10.0			12.0		7.5	5.0	8.5			6.5	2.5				1.0	5.0		8.0	3.5	8.0	12.5	12.5	
22-23					3.5	6.5	1.0		1.5		7.0	3.0	2.5			7.0	1.0	5.0		5.0		5.0		
23-24					9.5	8.5	10.5				7.5	3.5	6.5			1.0	1.0	5.0		2.5	6.5	7.0		
24-25					5.5		3.0		2.5		8.0	4.0				1.0	5.0		4.0	8.0		6.5		
25-26			8.5		1.5						0.5	4.5	1.0			7.5	1.0	5.0		5.5		6.0	4.5	
26-27			9.5		7.5		5.0		3.5		1.0	5.0	5.0	7.0	1.5	1.0	5.0		7.0	2.5		8.0	10.0	
27-28	13.0		10.5		3.0						1.5	6.0			6.0	1.0	5.0			4.5	5.5	0.5		
28-29		11.0	11.0		8.5	9.0		7.0		4.5	2.0	6.5			5.5	8.0	1.0	5.0		6.0		9.5		
29-30			12.0		5.0						3.0	7.0	3.0	5.0	2.0	1.0	5.5	2.5	3.0	7.5	4.5	2.0		
30-31					1.0		8.5		5.5		3.5	7.5				1.5	5.5			4.5		9.0	11.0	2.0

AAVSO Eclipsing Binary Ephemeris for February 2023

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	RT	TW	WZ	XZ	AB	AB	AD	AD	BD	BX	DS	OO	OO	V342	V343	V346	SS	SS	WW	WW	AP	AP	AR
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQL	AQL	AQL	AQL	AQL	ARI	ARI	AUR	AUR	AUR	AUR	AUR
MAX	9.3	8.8	11.6	10.0	9.3	9.3	11.1	11.1	11.3	8.6	10.8	9.2	9.2	9.0	10.6	9.0	10.1	10.1	5.7	5.7	10.9	10.9	6.0
MIN	10.2	11.0	12.6	13.0	10.2	10.2	11.6	11.6	11.7	9.5	11.4	10.1	10.1	12.5	12.3	10.4	11.1	11.1	6.4	6.4	11.4	11.4	6.7
DUR	3	11	4	3	3	3	4	4	3	4	4	3	3	7	4	4	3	3	5	5	4	4	5
TOT		2												3									
					(S)		(S)					(S)					(S)		(S)		(S)		
0- 1			1.0		1.0					2.5	0.0	11.5					2.0			11.0	4.5		
1- 2	4.5				1.0				3.5		0.5	11.5					2.5			1.0	7.5		
2- 3			3.0		1.0				2.0		0.5	12.0					2.5			4.0	11.0		
3- 4	1.5				1.0				0.0	3.5	1.0						3.0		4.0	7.5	0.5		
4- 5		0.5		1.5	0.5						1.0						3.5	10.0		11.0	4.0		
5- 6					0.5						1.5						3.5			0.5	7.5		
6- 7					0.5					5.0	1.5						4.0			4.0	10.5		
7- 8	11.5				0.5				4.0		2.0						4.5			7.0	0.5		
8- 9	2.5	3.5		3.5	0.5		4.5	2.5	1.0	2.0							5.0		5.0	10.5	3.5		
9-10			2.0		0.0		4.0	0.5	6.0	2.5			11.0				5.0	0.5		0.0	7.0		
10-11					0.0		4.0			2.5							0.5			3.5	10.5		
11-12			4.0		0.0		3.5		2.0	3.0							1.0			7.0			
12-13	12.0			5.0			3.0			3.0							1.5			10.0	3.5		
13-14	3.0						3.0			3.5							1.5		6.0		6.5		
14-15							2.5	3.0	3.5	3.5							2.0			3.0	10.0		
15-16	0.5						2.0	1.0		4.0							2.5			6.5			
16-17			1.0				2.0			4.0					12.5		3.0			10.0	3.0		
17-18	13.0						1.5		4.5	4.5							3.0	1.0			6.5		
18-19	4.0		3.0				1.0			4.5		11.0					3.5		7.5	3.0	9.5		
19-20							12.5	1.0	0.5	5.0		11.5					4.0			6.0			
20-21	1.5				3.0		12.5	0.5	3.0	5.5	5.0	12.0					4.5			9.5	2.5		
21-22					3.0		12.0	0.0	1.5		5.5	12.0					4.5				6.0	1.5	
22-23					3.0					1.5	5.5			11.5			5.0	0.0	2.5		2.5	9.5	
23-24				1.5	2.5					6.0							0.5		8.5	6.0			
24-25					2.5												1.0			9.0	2.5		
25-26	2.0		2.0		2.5					3.0							1.0				5.5	4.5	
26-27					2.5				3.5						11.5		1.5			2.0	9.0		
27-28			4.0	3.5	2.5				2.0								2.0		3.5		5.5		

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	AR	CL	EP	HP	HP	TU	TU	TY	TY	TZ	TZ	Y	SV	AL	CD	CD	R	RT	SX	TU	TZ	TZ	UU
	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA	CMA	CMA	CMA	CMA
MAX	6.0	11.7	10.8	10.8	10.8	11.7	11.7	11.8	11.8	10.6	10.6	10.6	8.6	10.5	11.6	11.6	6.2	11.4	10.3	9.7	9.8	9.8	10.0
MIN	6.7	13.2	11.3	11.5	11.5	12.7	12.7	12.3	12.3	11.1	11.1	12.4	9.4	11.3	11.8	11.8	6.8	12.9	11.4	10.7	10.5	10.5	12.5
DUR	5	4	3	3	3	3	3	3	3	3	3	6	3	5	5	5	4	5	4	4	4	4	5
TOT	(S)				(S)		(S)		(S)		(S)				(S)								(S)
0- 1			6.5	5.5			4.5		6.5		6.0	0.0	11.0		1.5	11.0					3.5		
1- 2		3.0				7.5			5.5	7.0			1.5			5.0							
2- 3			1.0		8.5	7.0					4.5		6.0		8.5								3.0
3- 4			5.5	2.0		6.5		7.0			5.5	7.5	10.5	7.5	3.0	12.0			3.0				
4- 5			9.5			5.5		5.5			6.5		0.5			6.5		6.5					
5- 6					5.0	5.0							5.0		10.0	1.0							
6- 7	2.5	4.0				4.5			7.0		4.5		9.5		4.5		0.5			3.0			1.5
7- 8	8.5	8.5	8.5				7.5		6.0	5.5				7.0		8.0	4.0			6.0			
8- 9					1.5		7.0		5.0		6.5		4.0		11.5	2.5	7.0	3.5					5.5
9-10			3.0				6.5	7.5					8.5		6.0								
10-11			7.5	4.5			5.5	6.5		5.0					0.0	9.5							
11-12		2.0					5.0	5.0			6.0		3.5	7.0	13.0	3.5				6.0			
12-13		8.0	2.0		8.0		4.5			7.0			8.0		7.0			1.0					
13-14			6.5	1.0		7.5			6.5			5.5	12.5		1.5	10.5							
14-15						7.0			5.5		5.5		2.5			5.0					0.5		
15-16			1.0		4.0	6.5				6.0			7.0	6.5	8.5		2.5				3.5		
16-17		1.5	5.5			5.5		7.0				13.0	11.5		3.0	12.0	6.0		3.0	6.5			
17-18		7.5	9.5	7.5		5.0		5.5			4.5		1.5			6.5		5.0					
18-19					0.5	4.5				5.5			6.0		10.0	0.5							
19-20			4.5				7.5		7.0		6.5		10.5	6.0	4.0						6.5		1.5
20-21			8.5	3.5			7.0		6.0				1.0			7.5							
21-22		1.0					6.5		5.0	5.0			5.5		11.0	2.0		2.0				5.5	5.5
22-23		7.0	3.0		7.0		5.5	7.5			6.0		10.0		5.5								
23-24	3.0		7.5				5.0	6.5		7.0		3.5	0.0	5.5		9.0	1.5			1.0	2.0		
24-25							4.5	5.0					4.5		12.5	3.5	5.0		6.0	4.0			
25-26			2.0		3.0	7.5				5.0			9.0		7.0		8.0						1.5
26-27		0.5	6.5			7.0			6.5	6.0		11.0			1.5	10.5		6.5					
27-28	6.0	6.5		6.5		6.5			5.5		7.0		3.5	5.5		5.0							

	XZ	AK	RZ	TV	AB	CW	CW	DZ	IR	IS	MM	OR	PV	PV	V364	V364	V375	U	SU	WZ	WZ	XX	DK	
	CMI	CMI	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP	CEP	
MAX	9.7	10.1	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	11.7	11.7	8.5	12.2	
MIN	10.2	11.5	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	11.3	11.1	9.6	14.2	
DUR	3	4	4	4	4	3	3	4	4	5	5	4	3	3	4	4	5	4	4	3	3	4	4	
TOT																		2						
							(S)							(S)		(S)					(S)			
0- 1	1.0	5.0	8.5		9.0	2.5	6.0										6.0		2.0	4.5	9.5			
1- 2	5.0	8.0				1.5	5.0	1.0					10.0		0.5						0.5	5.5		
2- 3	8.5			4.0		0.5	4.0			10.0	1.5	1.5					9.5	7.5		6.5	1.5	5.0		
3- 4		1.0			2.5	7.0	3.0		1.0		5.5	7.5	4.0								2.5	7.5		
4- 5	2.5	4.0			11.0	6.0	2.0	4.5		6.5				2.0	2.5						8.5	3.5		
5- 6	6.0	7.5	3.5			5.0	1.0		2.0		13.0									11.5	4.5	9.5		
6- 7	10.0		8.0			4.0	7.5			2.5										9.0	0.5	5.5		
7- 8			13.0		5.0	2.5	6.5		3.0			1.5			4.5			7.0			6.5	1.5		
8- 9	3.5	3.0				1.5	5.5	2.5	11.5			7.0	10.0								2.5	7.5		
9-10	7.5	6.5				0.5	4.5		4.0		0.5								2.0		9.0	4.0	5.5	
10-11		9.5				7.0	3.5	11.0	12.5		4.0		4.0								5.0	10.0		
11-12	1.0		3.0	5.5	7.0	6.0	2.5		5.0					2.0		1.0	5.5				1.0	6.0		
12-13	5.0	2.0	7.5			5.0	1.5	1.0				1.0						6.5			7.0	2.0		
13-14	8.5	5.5	12.0	1.0		4.0	0.5			11.5		7.0									3.0	8.0		
14-15		8.5			1.0	3.0	7.0					12.5				3.5	4.5		12.0		9.0	4.0		
15-16	2.5				9.5	2.0	6.0	4.5					10.0						9.5		5.0	0.0		
16-17	6.0	1.5				1.0	5.0														1.0	6.0	5.5	
17-18	10.0	4.5	2.5			7.5	4.0	13.0		4.0	3.0	0.5	4.0			5.5	3.0	6.5			7.0	2.0		
18-19		7.5	7.0	11.5	3.5	6.5	2.5		0.0			6.5		2.0						2.5	3.0	8.0		
19-20	3.5		11.5		12.0	5.5	1.5	2.5				12.5								0.0	9.0	4.0		
20-21	7.5	0.5		7.0		4.5	0.5		1.0												5.0	0.0		
21-22		3.5				3.5	7.0								2.0						1.5	6.5		
22-23	1.0	6.5		2.5	5.5	2.5	6.0		2.0			0.0	10.5					6.0			7.5	2.5		
23-24	5.0		1.5			1.5	5.0	0.5				6.0					0.5		12.5		3.5	8.5	6.0	
24-25	8.5		6.5			0.5	4.0		3.0	12.5	1.5	12.0	4.5		4.0		12.0		10.0		9.5	4.5		
25-26		2.5	11.0			7.0	3.0		12.0		5.5			2.0							5.5	0.5		13.0
26-27	2.5	6.0			8.0	6.0	2.0	4.0	4.0												1.5	6.5		12.5
27-28	6.0	9.0				5.0	1.0		13.0								10.5	5.5	3.0	7.5	2.5		12.0	

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	DL	DV	EG	RW	RW	RZ	RZ	SS	SS	CC	CC	U	RW	W	W	RV	RV	V	Y	SW	WW	ZZ	AE
	CEP	CEP	CEP	COM	COM	COM	COM	COM	COM	COM	COM	CRB	CRB	CRV	CRV	CRV	CRV	CRT	CYG	CYG	CYG	CYG	CYG
MAX	12.4	11.6	9.6	11.0	11.0	10.0	10.0	10.9	10.9	11.0	11.0	7.6	10.1	10.6	10.6	9.0	9.0	9.5	7.0	9.3	9.9	10.7	11.8
MIN	13.2	12.4	10.6	11.6	11.6	10.7	10.7	11.5	11.5	11.9	11.9	8.8	10.6	11.2	11.2	10.0	10.0	10.2	7.6	11.8	13.2	12.0	12.8
DUR	5	4	3	3	3	3	3	4	4	2	2	5	4	4	4	4	4	4	6	5	5	4	4
TOT																							2
					(S)		(S)		(S)		(S)				(S)		(S)						
0- 1			1.0		5.0	3.0	7.0		5.5		5.0		10.5		7.5		10.5	5.0		12.5			
1- 2			3.0		3.5	3.5	7.5	6.5		4.5				7.0					0.0				
2- 3	10.5		5.0	5.5		4.0	8.0		7.0		4.5				6.0	8.0		7.5				10.5	
3- 4		3.5	7.5	4.0		4.5		8.0		4.5			8.5	5.5			10.0						
4- 5	1.5	7.5	9.5	3.0		4.5		3.5	8.5		4.0				4.5			10.0					
5- 6		11.5	11.5		4.5	5.0		9.5	4.5	4.0			12.5		8.5	7.5							
6- 7			0.5		3.5	5.5		5.5		4.0			6.0	8.0			10.0						
7- 8			3.0	5.0		6.0		6.0	3.5		3.5				7.0			5.5				11.5	
8- 9			5.0	3.5		6.0		7.0		3.5			10.5	6.5		7.5							
9-10			7.0		5.5	6.5			7.5	3.5					6.0		9.5	8.0					
10-11		3.0	9.0		4.0	7.0		8.5		3.0	11.0			5.0									
11-12		7.0	11.5		3.0	7.5	3.0	4.0	9.0	3.0			8.0	9.0		7.0		10.5					
12-13		10.5	0.5	4.5		7.5	3.5	10.0	5.0		3.0				8.5		9.5					12.0	
13-14			2.5	3.5		8.0	4.0	5.5		2.5			12.5	7.5		13.0							0.5
14-15			4.5		5.0		4.5		6.5	5.0			6.0		7.0	7.0		6.0				9.5	
15-16	11.5		7.0		4.0		4.5	7.0			5.0			6.0			9.0					0.5	
16-17			9.0	5.5			5.0		8.0	5.0			10.0		5.5	12.5		8.5					
17-18	2.5	2.0	11.0	4.0			5.5	9.0	4.0		4.5	8.5		4.5		6.5						13.0	
18-19		6.0	0.0	3.0			6.0	4.5	9.5	4.5				8.5			9.0	11.0					
19-20		10.0	2.5		4.5		6.0		5.5		4.5		8.0		8.0	12.5		4.0			12.5	10.0	
20-21	9.0		4.5		3.5		6.5	6.0		4.0				7.0		6.5						1.0	
21-22			6.5	5.0			7.0		7.0		4.0		12.0		6.5		8.5	6.5					
22-23	0.0		9.0	4.0		3.5	7.5	7.5		4.0			5.5	6.0		12.0							
23-24			11.0		5.5	3.5	7.5	3.5	8.5		3.5				5.0	6.0		9.0		9.5			
24-25		1.5			4.0	4.0	8.0	9.0	4.5	3.5		6.0	10.0		9.0		8.5					10.5	
25-26		5.5	2.0		3.0	4.5		5.0			3.5			8.5		12.0		11.5					
26-27		9.5	4.5	4.5		4.5			6.0	3.0					7.5	6.0		4.5					
27-28			6.5	3.5		5.0		6.5			3.0		7.5	7.0			8.0						

	RW	AF	SZ	TU	UX	CC	CT	AV	DF	DF	DI	DK	SW	SW	VX	CM	CO	CO	Y	UU	UV	VZ	RR
	GEM	GEM	HER	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	LAC	LAC	LAC	LAC	LAC	LAC	LEO	LEO	LEO	LEO	LEP
MAX	9.6	10.2	10.2	10.6	8.9	9.5	9.9	10.2	11.0	11.0	11.0	10.5	9.2	9.2	10.9	8.5	10.5	10.5	9.5	11.4	9.5	10.6	10.2
MIN	11.6	11.3	12.0	13.4	9.8	12.8	11.2	10.6	11.5	11.5	12.0	11.0	10.0	10.0	12.3	9.5	11.0	11.0	12.7	12.7	10.2	11.7	10.9
DUR	5	4	4	5	5	4	4	4	4	4	4	4	3	3	4	4	5	5	5	4	3	4	4
TOT	1			1																			
									(S)				(S)				(S)						
0- 1			11.0					5.5	3.5	7.0	7.5	7.5		3.0			5.0				3.0		1.5
1- 2					11.0				3.0	7.0		8.5		2.0						8.5	7.5		
2- 3								6.5	3.0	7.0	3.5	9.5		1.0		13.0		11.5			12.5		
3- 4		1.0							2.5	6.5	9.0			0.0						1.0	3.0		
4- 5		7.0				9.0		7.5	2.5	6.5							2.0		4.0		7.5		
5- 6			9.0						2.5	6.5	5.5		2.0								12.5		
6- 7							11.5	9.0	2.0	6.0			1.0							9.5	3.0		
7- 8								1.5	2.0	6.0	1.5		0.5				4.0				7.5	2.0	
8- 9		0.5						10.0	1.5	5.5	7.0	3.0			0.0					2.0	12.5	4.0	
9-10		6.0	11.0					2.5	1.5	5.5		4.5		2.5	2.0			11.0	5.5		3.0	6.0	5.0
10-11				8.5				11.5	1.5	5.5	3.5	5.5		1.5							7.5	8.5	3.0
11-12								3.5	1.0	5.0	9.0	6.5		0.5						10.5	12.5	10.5	1.0
12-13									1.0	5.0		7.5									3.0		
13-14								5.0	0.5	4.5	5.0	8.5	2.5							3.0	7.5		
14-15		5.5	9.0						0.5	4.5		9.5	1.5				2.0	7.0			12.5		
15-16					9.5		9.5	6.0	0.5	4.5			1.0		12.5						3.0		
16-17	6.5					12.0			0.0	4.0	7.0						10.0			11.5	7.5		
17-18								7.5	8.0	4.0				3.0				4.0			12.5		
18-19			11.0		12.0				7.5	3.5	3.0			2.0						4.0	3.0		
19-20	3.5	5.0		10.0				8.5	7.5	3.5	8.5			1.0			12.0		8.5		7.5	1.5	
20-21								1.0	7.5	3.5		3.5		0.0							12.5	3.5	4.5
21-22								9.5	7.0	3.0	5.0	4.5					1.0		1.0		3.0	6.0	2.5
22-23	0.0							2.0	7.0	3.0		5.5	2.0								7.5	8.0	0.5
23-24			9.0			10.5		11.0	6.5	2.5		6.5	1.0		1.0	0.5				4.5	12.5	10.0	
24-25		4.5					8.0	3.5	6.5	2.5	6.5	7.5	0.5				3.0		9.5		3.0		
25-26									6.5	2.5		8.5									7.5		
26-27								4.5	6.0	2.0	3.0	9.5		2.5			10.0	2.0			12.5		
27-28			11.0						6.0	2.0	8.5			1.5							3.0		

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	SS	DELT	RY	UZ	EW	FL	RU	RU	RW	AT	BB	BO	U	SX	V839	1010	EQ	ER	ER	ET	FL	FT	FZ
	LIB	LIB	LYN	LYR	LYR	LYR	MON	MON	MON	MON	MON	MON	OPH	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI
MAX	10.4	4.8	11.9	9.8	11.2	8.7	10.6	10.6	9.1	10.6	10.6	10.8	5.8	10.5	8.8	6.2	10.3	9.5	9.5	11.2	10.5	9.1	10.7
MIN	11.3	5.9	13.3	11.0	13.6	9.5	11.3	11.3	11.9	11.4	11.3	12.1	6.5	11.2	9.4	7.0	13.3	10.2	10.2	12.4	13.2	9.7	11.3
DUR	6	7	4	5	5	4	5	5	5	5	4	5	5	5	3	4	4	3	3	5	3	4	3
TOT									1			1											
								(S)											(S)				
0- 1			4.5			11.0			8.0	6.5				11.5				4.5		0.5			5.0
1- 2												2.0			9.5			0.5	6.0				0.0
2- 3							3.5		5.5	7.0		4.0		13.0					2.0				5.0
3- 4			1.5					7.5			7.0						6.0	3.5					0.0
4- 5			11.5		12.5				3.5	8.0	0.5	9.5								5.0			5.0
5- 6																0.0	6.5	1.0					0.0
6- 7		10.0			11.5				1.0	8.5	5.5							2.5					5.0
7- 8			8.5																	4.0			0.0
8- 9	12.0				10.0													5.5	0.5				5.0
9-10							7.5				3.5							2.0			1.5		0.0
10-11			5.5	11.5	9.0										9.5		5.5		3.0			1.5	5.0
11-12	9.0					8.5						2.0		2.0				4.5					0.0
12-13											2.0		9.0					1.0	6.0		4.0		5.0
13-14		9.5	2.5			12.5						7.0							2.5			5.0	0.0
14-15			13.0					1.5				6.5						3.5					5.0
15-16												0.5						0.0	5.0	6.0	6.5		0.0
16-17																		6.5	1.5	4.5		9.0	5.0
17-18			9.5								5.0		9.5			13.0	5.5	3.0		3.5			0.0
18-19																				4.5	2.5		5.0
19-20															9.5	12.5		5.5	0.5	1.0			0.0
20-21		9.0	6.5				2.0				3.5							2.0					5.0
21-22	10.5							5.5	7.0							12.0			3.5				0.0
22-23											8.0	5.0	10.5					5.0					5.0
23-24			3.5						5.0		1.5					11.5		1.0	6.0		0.5		0.0
24-25					10.0												5.0		2.5				5.0
25-26									2.5		6.5					11.5		4.0					0.0
26-27			0.5								0.0							0.0	5.5		3.0		5.0
27-28		8.5	11.0	12.0			6.0		0.5				11.0			11.0			1.5				0.0

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	FZ	GU	GU	U	U	BB	BB	BX	DI	GP	Z	RT	RV	ST	XZ	BETA	Y	UZ	UZ	U	V505	1968	AO
	ORI	ORI	ORI	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PSC	PUP	PUP	SGE	SGR	SGR	SER
MAX	10.7	12.6	12.6	9.7	9.7	10.6	10.6	10.9	9.6	10.2	9.9	10.6	10.3	9.7	10.6	2.2	9.0	9.7	9.7	6.4	6.4	12.3	10.6
MIN	11.3	13.5	13.5	10.5	10.5	11.2	11.2	11.5	10.8	11.0	12.4	12.0	12.7	13.2	12.7	3.5	12.0	10.6	10.3	9.1	7.6	13.3	12.1
DUR	3	4	4	3	3	3	3	3	2	4	6	4	8	5	4	8	7	4	4	6	5	4	4
TOT											2			1						2			
	(S)		(S)		(S)		(S)												(S)				
0- 1	0.0	4.5		1.0										3.0				1.5					
1- 2	5.0	3.0									3.0	5.0							6.0				
2- 3	0.0	1.5	7.5		2.5							1.0							1.5				
3- 4	5.0	0.5	6.0	1.0					0.5									6.0				12.5	
4- 5	0.0		4.5								4.5							1.0					12.0
5- 6	5.0		3.0		2.5			0.5							0.5				5.5				9.0
6- 7	0.0	7.5	1.5	1.0			1.0					7.0			4.0				0.5				
7- 8	5.0	6.0	0.5								6.0	3.5			7.5			5.5				11.5	
8- 9	0.0	4.5			2.5	0.5								1.5				0.5					
9-10	5.0	3.0		1.0															5.0				
10-11	0.0	1.5	7.5				0.5				7.0					7.0	1.0						
11-12	5.0	0.5	6.0		2.5													4.5					12.5
12-13	0.0		4.5	1.0		0.0		0.5				6.0										13.0	10.0
13-14	5.0		3.0									2.0			2.0	4.0			4.5	10.5			7.0
14-15	0.0	7.5	1.5		2.5										5.5								
15-16	5.0	6.0	0.5	1.0						2.0								4.0					
16-17	0.0	4.5								1.5				0.5		0.5			8.5			11.5	
17-18	5.0	3.0			2.5					1.0		8.0							3.5				
18-19	0.0	1.5	7.5	1.0						0.5		4.5						8.5					
19-20	5.0	0.5	6.0					1.0				1.0						3.5					10.5
20-21	0.0		4.5		2.5														8.0				7.5
21-22	5.0		3.0	1.0		1.0		0.0					7.5		3.5				3.0				
22-23	0.0	7.5	2.0												7.0			7.5					
23-24	5.0	6.0	0.5		2.5		1.0					7.0	7.0					3.0					
24-25	0.0	4.5		1.0								3.0							7.5				
25-26	5.0	3.0				0.5			2.0				6.0						2.5		12.5	12.0	
26-27	0.0	2.0	7.5		2.5													7.0					11.5
27-28	5.0	0.5	6.0	1.0			0.0						5.5					2.0					8.5

	CC	CC	RW	RZ	TY	WY	AC	AM	EQ	EQ	V	X	RV	W	W	TX	TY	TY	UX	VV	XZ	ZZ	RU	
	SER	SER	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	
MAX	11.1	11.1	8.0	10.5	11.5	11.5	10.5	10.4	10.3	10.3	10.9	8.9	11.4	9.1	9.1	6.8	11.7	11.7	12.7	10.1	10.1	9.8	10.7	
MIN	11.7	11.7	12.5	11.2	12.0	11.7	12.3	12.3	11.0	11.0	11.9	12.0	12.5	9.9	9.9	8.9	12.4	12.4	13.8	11.0	11.7	11.2	11.4	
DUR	4	4	4	3	2	4	6	5	3	3	4	4	4	3	3	6	3	3	1	3	3	4	4	
TOT			1																					
		(S)							(S)					(S)			(S)							
0- 1		7.0	2.5	7.0		1.5			4.0			3.5		1.5	5.5		6.0	2.0	4.0	3.5	7.5		2.5	
1- 2		8.0		3.0			6.5	4.5	0.5	1.5	3.0	2.0	1.5	5.5	4.0	7.5	3.5	8.0	12.5	12.5			4.0	
2- 3		8.5			1.5	3.0			5.0	1.0		2.0		1.5	5.5		0.5	5.0	3.0	5.0		6.0	5.0	
3- 4		9.5		5.0	3.0		7.5	5.5	1.5		1.5			1.5	5.5		2.0	6.5	7.5				6.0	
4- 5		10.0		1.0	5.0	5.0			6.5	2.0		1.0	2.5	1.5	5.5	5.5	3.5	8.0	2.0	6.5				7.5
5- 6		11.0		6.5	7.0					3.0	3.5	0.0		1.5	5.5		5.5	1.0	6.5		4.5			8.5
6- 7		12.0		2.5		7.0				3.5				1.5	5.5		7.0	2.5		8.0	10.0			10.0
7- 8	6.5									4.0			3.0	1.5	5.5	7.0	8.5	4.0	5.5	0.0				11.0
8- 9	7.0			4.5		9.0			0.5	4.5	2.0			1.5	5.5		1.5	5.5		9.0				12.0
9-10	8.0			0.5		1.5			1.0	5.0				1.5	5.5		3.0	7.0	5.0	1.5		3.5		1.0
10-11	8.5			6.5					1.5	5.5			3.5	1.5	5.5	8.5	4.5	0.0	9.0	10.5	2.0			2.0
11-12	9.5		4.5	2.5		3.5			2.0	6.0	0.0			1.5	5.5		6.0	1.5	4.0	3.0	7.5	11.0		3.0
12-13	10.0								2.5	7.0	4.0			1.5	5.5		7.5	3.0	8.5	12.0	12.5			4.5
13-14	11.0			4.5		5.0			3.5				3.5	1.5	5.5	10.0	0.5	4.5	3.5	4.5				5.5
14-15	11.5			0.0					4.0					1.5	5.5		2.0	6.0	7.5					6.5
15-16		6.5		6.0		7.0			4.5	0.5	2.5			1.5	5.5		3.5	8.0	2.5	6.0				8.0
16-17		7.0		2.0	1.5				5.0	1.0			4.0	1.5	5.5	11.5	5.0	1.0	7.0		4.5	1.0	9.0	
17-18		8.0			3.5	9.0			5.5	1.5				1.5	5.5		6.5	2.5	1.5	7.5	10.0			10.5
18-19		8.5		4.0	5.0	1.5			6.0	2.0	0.5			1.5	5.5		8.0	4.0	6.0	0.0		8.5	11.5	
19-20		9.5			7.0				6.5	2.5	5.0		4.5	1.5	5.5		1.0	5.5		9.0				0.0
20-21		10.0		6.0		3.5				3.0				1.5	5.5		2.5	7.0	5.5	1.5				1.5
21-22		11.0		2.0			0.5			4.0				1.5	5.5		4.0	8.5		10.5	2.0			2.5
22-23		11.5	6.5			5.5			0.5	4.5	3.0		4.5	2.0	6.0		5.5	1.5	4.5	3.0	7.5			3.5
23-24				3.5			1.5		1.0	5.0				2.0	6.0		7.0	3.0	9.0	12.0	12.5			5.0
24-25	7.0					7.0			1.5	5.5				2.0	6.0		0.0	4.5	3.5	4.5				6.0
25-26	8.0		1.0	5.5			2.5		2.0	6.0	1.0		5.0	2.0	6.0		2.0	6.0	8.0			6.0		7.5
26-27	8.5			1.5		9.0			2.5	6.5				2.0	6.0		3.5	7.5	3.0	6.0				8.5
27-28	9.5			7.5		1.5	4.0		3.0					2.0	6.0		5.0	0.5	7.0		4.5			9.5

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	VV	AG	AH	AH	AK	AW	AW	AZ	AZ	BH	Z	AW	AX	AY	BE	BO	BS	BT	BU	CD
	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	11.7	8.8	9.7	9.7	10.0	10.8	10.8	11.0	11.0	9.9	7.4	10.8	11.0	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	13.5	9.4	10.2	10.2	11.5	11.9	11.9	11.8	11.8	11.3	9.2	11.9	12.5	12.9	11.4	13.3	11.5	12.5	11.4	12.6
DUR	4	4	4	4	4	3	3	3	3	4	6	5	5	4	5	4	3	3	3	4
TOT																				
				(S)			(S)		(S)											
0- 1	8.0	8.5	9.0	4.0			6.0	8.5												0.0
1- 2			4.5	9.5	8.0		7.5	5.5												
2- 3		7.0	9.5	5.0	12.5			6.5	10.0		11.0									
3- 4			5.5			6.0		7.5					11.5							
4- 5	8.5	5.0		6.0		7.5														
5- 6		12.0	6.0				5.0	6.0							12.0	10.5				
6- 7		3.5		6.5			6.5	7.0		12.0		12.0								11.5
7- 8		10.5	7.0		7.0		8.0	8.0		7.5					11.0					
8- 9	9.0			7.5	12.0	5.0			5.0				11.0						13.0	12.5
9-10	6.5	8.5	8.0			6.5			6.5											
10-11			3.5	8.5		8.0			7.5		12.5	11.5		11.0						
11-12		7.0	9.0	4.0			5.5		9.5											
12-13	9.0		4.5	9.5			7.0	5.5					12.5						12.5	
13-14	6.5	5.0		5.0			8.5	7.0												
14-15		12.0	5.5		11.0	5.5		8.0					13.0							
15-16		3.5		6.0		7.0				11.5						10.5				
16-17	9.5	10.0	6.5						6.0	7.0									12.0	
17-18	7.0			6.5			6.0		7.5											
18-19		8.5	7.0				7.5													
19-20				7.5				5.5												11.0
20-21	10.0	7.0	8.0		10.0	6.0		6.5		9.0	11.5								11.5	
21-22	7.5		3.5	8.5		7.5		8.0												12.5
22-23		5.0	9.0	4.0																
23-24		12.0	4.5	9.5			6.0		6.0											
24-25	10.5	3.5		5.0			7.5		7.0	11.0									11.5	
25-26	7.5	10.0	5.5			5.0			8.5	7.0						10.5				
26-27				6.0	9.5	6.5		5.5										13.0		
27-28		8.5	6.5			8.0		6.5			11.0			12.5						

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	RT	UU	WZ	XZ	AB	AD	AD	BD	BX	DS	RY	XZ	OO	OO	V342	V343	V346	SS	SS	WW	WW	AP	AP
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQL	AQL	AQL	AQL	AQL	AQL	ARI	ARI	AUR	AUR	AUR	AUR
MAX	9.3	11.2	11.6	10.0	9.3	11.1	11.1	11.3	8.6	10.8	8.8	9.3	9.2	9.2	9.0	10.6	9.0	10.1	10.1	5.7	5.7	10.9	10.9
MIN	10.2	14.1	12.6	13.0	10.2	11.6	11.6	11.7	9.5	11.4	10.1	11.2	10.1	10.1	12.5	12.3	10.4	11.1	11.1	6.4	6.4	11.4	11.4
DUR	3	8	4	3	3	4	4	3	4	4	5	7	3	3	7	4	4	3	3	5	5	4	4
TOT															3								
							(S)			(S)				(S)					(S)		(S)		(S)
0- 1									4.0										2.0			9.0	2.0
1- 2	11.5							9.5										2.5					5.5
2- 3	3.0																		3.0			2.0	8.5
3- 4													9.5					3.5				5.0	
4- 5			1.0										9.5							4.5		8.5	1.5
5- 6								2.5	1.0				10.0										5.0
6- 7	12.5		3.0					0.5					10.5									1.5	8.0
7- 8								10.0					10.5			9.5						4.5	
8- 9	9.5								2.5				11.0			10.5						8.0	1.0
9-10	1.0				1.5							11.0	11.5						0.5	6.0			4.5
10-11					1.0								11.5					1.0				1.0	8.0
11-12					1.0				3.5				12.0						1.5				4.5
12-13					1.0			1.0										1.5				7.5	1.0
13-14	10.5		2.0		1.0			10.5											2.0		1.0		4.0
14-15	1.5			1.5	1.0													2.5		7.0		0.5	7.5
15-16		2.5			0.5									8.5				3.0				4.0	
16-17					0.5				1.0									3.0				7.5	0.5
17-18					0.5																		4.0
18-19	11.0	1.5		3.5				1.5							11.5	9.5					2.0		7.0
19-20	2.5							10.5	2.0							12.0				8.5		3.5	
20-21			1.0																			7.0	
21-22		1.0											9.0										3.5
22-23			3.0			2.5			3.0	0.5			9.5										7.0
23-24	12.0					2.0				1.0			10.0				1.0				3.0	3.5	
24-25		0.5				2.0		2.0		1.0			10.0						1.0			6.5	
25-26	9.5					1.5		11.0	4.5	1.5	12.0		10.5					1.5					3.0
26-27						1.0				1.5			10.5						2.0				6.5
27-28						1.0				2.0			11.0					2.0				3.0	
28-29						0.5	12.5			2.0			11.5						2.5		4.5	6.5	
29-30			2.0				12.0			2.5			11.5		11.0		3.0						3.0
30-31	10.0						11.5	2.0	1.5	2.5			12.0						3.5				6.0

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	AR	AR	CL	EP	HP	HP	TU	TU	TY	TY	TZ	TZ	ZZ	Y	SV	AL	CD	CD	R	RT	SX	TU	TZ
	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA	CMA	CMA
MAX	6.0	6.0	11.7	10.8	10.8	10.8	11.7	11.7	11.8	11.8	10.6	10.6	6.8	10.6	8.6	10.5	11.6	11.6	6.2	11.4	10.3	9.7	9.8
MIN	6.7	6.7	13.2	11.3	11.5	11.5	12.7	12.7	12.3	12.3	11.1	11.1	7.6	12.4	9.4	11.3	11.8	11.8	6.8	12.9	11.4	10.7	10.5
DUR	5	5	4	3	3	3	3	3	3	3	3	3	5	6	3	5	5	5	4	5	4	4	4
TOT		(S)			(S)		(S)		(S)		(S)		(S)				(S)						
0- 1				1.0			5.5			4.5		4.5			8.0		8.5						
1- 2				5.5			5.0		7.0	3.0	5.5						2.5	12.0			2.5		
2- 3					2.5		4.5		6.0		3.0	6.5			3.0		6.0			3.5			
3- 4							3.5	7.5	4.5		4.0				7.5	5.0	9.5	0.5					
4- 5			6.0	4.5		6.0	3.0	7.0	3.5	7.5	5.0				12.0		4.0		3.5			1.5	
5- 6							2.5	6.5		6.0		5.5		1.5	2.0		7.5					4.5	
6- 7								5.5		5.0	6.5	3.0			6.5		11.0	2.0		0.5			
7- 8				3.0		2.0		5.0	7.5	4.0	4.0				11.0	4.5	5.5						
8- 9				7.5				4.5	6.5		5.0			9.0	1.0	12.5		9.0					
9-10			5.0		5.5		7.5	3.5	5.5		6.0				5.5		12.5	3.0			5.5		
10-11				2.0			7.0	3.0	4.0		3.5	7.0			10.0		6.5						
11-12				6.5			6.5	2.5	3.0	6.5		4.5				4.5	1.0	10.0		5.0			
12-13					1.5		5.5			5.5	5.5				5.0	12.0		4.5	2.5				
13-14				1.0			5.0			4.5	2.5	6.5	12.5		9.5		8.0		5.5			2.0	
14-15			4.5	5.5		5.0	4.5		7.0	3.0		3.5					2.5	11.5			2.5		5.0
15-16							3.5	7.5	6.0		4.5				4.0	4.0		6.0		2.0			
16-17							3.0	7.0	4.5			5.5			8.5	12.0	9.5						
17-18				4.5		1.0	2.5	6.0	3.5	7.5	6.5	3.0					4.0						
18-19								5.5		6.0	4.0		12.5	7.0	3.0			7.5					0.5
19-20			4.0		4.5			5.0		5.0		5.0			7.5	3.5	11.0	1.5					
20-21				3.5				4.5		4.0	6.0				12.0	11.5	5.0		1.5				
21-22				7.5			7.5	3.5	6.5		3.5	7.0			2.5			8.5	4.5				
22-23					0.5		7.0	3.0	5.5		4.0				7.0		12.0	3.0			5.5	2.5	
23-24				2.0			6.0	2.5	4.0		5.0		12.0		11.5	3.0	6.5						
24-25		1.5	3.5	6.5		4.0	5.5		3.0	7.0		6.0			1.5	11.0	1.0	10.0		3.5			
25-26							5.0			5.5	7.0	3.5			6.0		4.5						
26-27	3.0			1.0	7.0		4.5			4.5	4.5				10.5		8.0						
27-28				5.5			3.5	7.5	7.0	3.5		5.5			0.5	3.0	11.5				2.5		
28-29		5.0					3.0	7.0	6.0		6.5	3.0	12.0	5.0	5.0	10.5		5.5		0.5			
29-30			3.0		3.5		2.5	6.0	5.0		4.0				9.5		9.0		3.5				
30-31	6.5			4.5			5.5	3.5	7.5		5.0						3.5						

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	TZ	UU	XZ	AK	RW	TY	RZ	TV	AB	CW	CW	DZ	IR	IS	MM	OR	PV	PV	V364	V364	V375	U	SU	
	CMA	CMA	CMI	CMI	CAP	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	
MAX	9.8	10.0	9.7	10.1	9.8	10.5	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	
MIN	10.5	12.5	10.2	11.5	10.8	11.6	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	
DUR	4	5	3	4	5	4	4	4	4	3	3	4	4	5	5	4	3	3	4	4	5	4	4	
TOT																						2		
	(S)										(S)							(S)		(S)				
0- 1										4.0	7.5	12.5		5.0		5.5				0.5			0.5	
1- 2				1.5		11.5	1.0		1.5	2.5	6.5					11.5	10.5							
2- 3			3.5	5.0			6.0		10.5	1.5	5.5	2.0		1.0						8.0		9.5		
3- 4			7.5				10.5	4.0		0.5	4.5				0.5						2.5			
4- 5		1.5								7.5	3.5	10.5			4.5					2.0			5.5	
5- 6			1.0	0.5					4.0	6.0	2.5					5.0						8.0	10.5	
6- 7		5.5	5.0	4.0						5.0	1.5				12.0	11.0							8.0	
7- 8				7.0			0.5			4.0			0.5											
8- 9							5.5			3.0	7.0		9.0				10.5		12.5		7.0			
9-10			2.0				10.0		6.5	2.0	6.0	3.5	1.5	10.0				8.0				5.0	1.0	
10-11			6.0	3.0				10.0		1.0	5.0		10.5			4.5				1.5				
11-12				6.0	12.0					7.5	4.0	12.0	2.5		3.0	10.5				2.0		5.5		
12-13										6.5	2.5		11.5											
13-14			3.5						9.0	5.5	1.5	2.0		2.5					3.5					
14-15			7.0	2.0			4.5	1.0		4.5	0.5		12.5									4.5	4.5	10.5
15-16				5.0			9.5			3.5	7.5	10.5				4.5	10.5						8.0	
16-17	4.0		1.0						2.5	2.5	6.0					10.0				8.0				
17-18		1.5	4.5						11.5	1.5	5.0											3.0		
18-19				1.0							4.0				2.0					2.0			1.0	
19-20		5.5		4.5				11.5		7.0	3.0											4.5		
20-21			2.0	7.5			4.0		5.0	6.0	2.0	3.5		11.0		4.0				2.0	2.0			
21-22			6.0				9.0			5.0	1.0					10.0								
22-23										4.0	7.5	12.0					10.5							
23-24				3.5				2.5		3.0	6.5							8.0		4.0	0.5		11.0	
24-25			3.5	6.5					7.5	1.5	5.5	1.5	1.0	3.5							12.0	4.0	8.5	
25-26			7.0							0.5	4.5		9.5		1.0	3.5		2.0	11.5					
26-27							3.5			7.5	3.5	10.0	2.0		4.5	9.5								
27-28			1.0	2.5			8.0		1.0	6.0	2.5		10.5							0.5		10.5	1.5	
28-29			4.5	5.5	11.0	12.5			10.0	5.0	1.5				12.0									
29-30										4.0			11.5				10.5						3.5	
30-31		1.5								3.0	7.0					3.0		8.0	3.0		9.5			

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	WZ	WZ	XX	DK	DL	DV	EG	SS	RW	RW	RZ	RZ	SS	SS	CC	CC	U	RW	W	W	RV	RV	V	
	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CET	COM	COM	COM	COM	COM	COM	COM	COM	CRB	CRB	CRV	CRV	CRV	CRV	CRT	
MAX	11.7	11.7	8.5	12.2	12.4	11.6	9.6	9.4	11.0	11.0	10.0	10.0	10.9	10.9	11.0	11.0	7.6	10.1	10.6	10.6	9.0	9.0	9.5	
MIN	11.3	11.1	9.6	14.2	13.2	12.4	10.6	13.0	11.6	11.6	10.7	10.7	11.5	11.5	11.9	11.9	8.8	10.6	11.2	11.2	10.0	10.0	10.2	
DUR	3	3	4	4	5	4	3	5	3	3	3	3	4	4	2	2	5	4	4	4	4	4	4	
TOT								2																
		(S)							(S)		(S)		(S)		(S)					(S)		(S)		
0- 1	3.5	8.5		12.0			8.5		2.0	5.0	5.5	1.5	2.5	7.5	3.0					6.0			7.0	
1- 2	9.5	4.5		11.5			10.5		1.0	4.0	6.0	2.0	8.0	3.0		2.5		12.0	5.5		5.5			
2- 3	5.5	0.5	6.0	11.0					5.5	2.5	6.0	2.0	4.0	9.0	2.5	5.0		5.5		4.5		8.0	9.5	
3- 4	1.5	6.5		11.0		1.0	2.0		4.5	1.5	6.5	2.5	9.5	4.5	5.0	2.5	4.0		4.0	8.5	11.5		2.5	
4- 5	8.0	3.0		10.5		5.0	4.0		3.0		7.0	3.0	5.5		2.0	5.0		9.5	8.0	3.5	5.5			
5- 6	4.0	9.0		10.0	10.0	8.5	6.0		2.0	4.5	7.5	3.5		6.0	4.5	2.0				7.5		7.5	5.0	
6- 7	10.0	5.0		10.0			8.5			3.5	7.5	3.5	7.0	2.0	2.0	4.5			6.5		11.0			
7- 8	6.0	1.0		9.5	1.0		10.5		5.0	2.5	8.0	4.0	3.0	8.0	4.5	1.5		7.5		6.0	5.0		7.5	
8- 9	2.0	7.0		9.0					4.0	1.0		4.5	8.5	3.5	1.5	4.0				5.0		7.5		
9-10	8.0	3.0	6.5	9.0			1.5		2.5	5.5		5.0	4.5	9.5	4.0	1.5		12.0	9.0	4.5	11.0		10.0	
10-11	4.0	9.0		8.5	7.5		4.0		1.5	4.5		5.0		5.0	1.0	4.0		5.0	3.5	8.5	5.0		3.0	
11-12		5.0		8.0		4.0	6.0			3.0	1.5	5.5	6.0		3.5	1.0				7.5	3.0		7.0	
12-13	6.0	1.0		8.0		8.0	8.0		4.5	2.0	2.0	6.0	1.5	6.5	1.0	3.5		9.5		7.0	10.5		5.5	
13-14	2.0	7.0		7.5		12.0	10.5		3.5		2.0	6.5	7.5	2.5	3.5		12.5		6.0		4.5			
14-15	8.0	3.0		7.0			12.5		2.5	5.0	2.5	6.5	3.0	8.0		3.0				5.5		6.5	8.0	
15-16	4.5	9.5		7.0			1.5		1.0	4.0	3.0	7.0	9.0	4.0	3.0			7.5	5.0		10.5			
16-17		5.5	7.0	6.5			3.5		5.5	2.5	3.5	7.5	5.0	9.5		3.0				8.5	4.0	4.0		
17-18	6.5	1.5		6.0			6.0		4.5	1.5	3.5	8.0		5.5	2.5	5.5		11.5	3.5	8.0		6.5	3.5	
18-19	2.5	7.5			11.0	3.5	8.0		3.0		4.0		6.5		5.0	2.5		5.0	7.5		10.0			
19-20	8.5	3.5			7.5	10.0			2.0	5.0	4.5		2.0	7.0	2.5	5.0				6.5	4.0		6.0	
20-21	4.5	9.5			2.0	11.0	12.0			3.5	5.0		8.0	3.0	5.0	2.0	10.0	9.5	6.0			6.0		
21-22	0.5	5.5					1.0		5.0	2.5	5.0		3.5	8.5	2.0	4.5				5.0	10.0		8.5	
22-23	6.5	1.5					3.5		4.0	1.0	5.5	1.5	9.5	4.5	4.5	2.0				4.5	9.0	3.5		
23-24	2.5	7.5	7.0		8.5		5.5	2.5	2.5	5.5	6.0	2.0	5.0		1.5	4.5		7.0	8.5	3.5		6.0		
24-25	8.5	3.5		3.5			7.5		1.5	4.5	6.5	2.0		6.0	4.0	1.5				3.0	7.5	9.5		4.0
25-26	4.5	9.5		3.5		2.5	10.0			3.0	6.5	2.5	6.5	2.0	1.5	4.0		11.5	7.0					
26-27	0.5	5.5		3.0		6.5	12.0	2.0	5.0	2.0	7.0	3.0	2.5	7.5	4.0	1.0		5.0		6.0		5.5	6.5	
27-28	7.0	2.0		2.5		10.5	1.0		3.5		7.5	3.5	8.5	3.5	1.0	3.5	8.0		5.5		9.0			
28-29	3.0	8.0		2.5			3.0		2.5	5.0	8.0	3.5	4.0	9.0	3.5	1.0		9.0		5.0			9.0	
29-30	9.0	4.0		2.0			5.5	1.5	1.0	4.0		4.0	10.0	5.0		3.5				4.0	8.5		5.5	
30-31	5.0	10.0	7.5	1.5			7.5		5.5	3.0		4.5	5.5		3.0					8.0	3.5	9.0		

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	RZ	TW	UZ	UZ	AI	TZ	YY	YY	RW	AF	SZ	TU	UX	CC	CT	AV	DF	DF	DI	DK	SW	SW	VX
	DRA	DRA	DRA	DRA	DRA	ERI	ERI	ERI	GEM	GEM	HER	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	LAC	LAC	LAC
MAX	10.0	7.8	9.9	9.9	7.2	9.8	8.4	8.4	9.6	10.2	10.2	10.6	8.9	9.5	9.9	10.2	11.0	11.0	11.0	10.5	9.2	9.2	10.9
MIN	10.9	9.5	10.7	10.7	8.2	12.6	9.1	9.1	11.6	11.3	12.0	13.4	9.8	12.8	11.2	10.6	11.5	11.5	12.0	11.0	10.0	10.0	12.3
DUR	3	5	5	5	4	4	3	3	5	4	4	5	5	4	4	4	4	4	4	4	3	3	4
TOT		1					1		1			1											
				(S)				(S)										(S)				(S)	
0- 1	7.0			7.0				1.0			7.0	12.0				5.5	5.5	2.0				0.5	
1- 2	9.5					2.0				3.5			8.5				5.5	1.5	4.5				12.0
2- 3	12.0				6.0		3.0							9.0		7.0	5.5	1.5		1.5			
3- 4					10.5		2.0								11.5		5.0	1.0	1.0	2.5			
4- 5	3.5	10.0					1.5				9.0		10.5			8.0	5.0	1.0	6.5	3.5	0.5		
5- 6	6.0		4.5				0.5								6.5	0.5	5.0	1.0		4.5			
6- 7	8.5							3.5	3.0							9.5	4.5	0.5	2.5	5.5			
7- 8	11.0	5.5						2.5				7.0				2.0	4.5		8.0	6.5			
8- 9			11.0		5.5			2.0			11.0						4.0			7.5		1.0	
9-10					10.5			1.0			7.0			7.5		3.0	4.0	8.0	4.5				
10-11	5.0	1.0		2.0													4.0	7.5					
11-12	7.5						3.0		4.5	2.5						4.0	3.5	7.5	0.5				
12-13	10.0						2.5								10.0		3.5	7.5	6.0				
13-14	12.0			8.0			1.5				9.0					5.5	3.0	7.0					
14-15					5.5	3.0	0.5		1.5					12.5		3.0	7.0	2.5	1.5				
15-16	4.0				10.5			3.5					7.0			6.5	3.0	7.0	8.0	2.5			11.0
16-17	6.5							2.5		2.0		8.5		6.0			2.5	6.5		3.5			
17-18	8.5							2.0		7.5	11.0					8.0	2.5	6.5	4.0	4.5		0.5	
18-19	11.0	11.0	5.5					1.0			6.5		9.0				2.0	6.0		5.5			
19-20																9.0	2.0	6.0	0.5	6.5			
20-21					5.5		3.0									1.5	2.0	6.0	6.0	7.5			
21-22	5.5	6.0	12.0		10.0		2.5		1.0				11.5	11.0	8.5		1.5	5.5			0.5		
22-23	7.5						1.5		7.0	9.0						2.5	1.5	5.5	2.5				
23-24	10.0			3.0			0.5										1.0	5.0	8.0				
24-25		1.5						3.5								4.0	1.0	5.0					
25-26								3.0				10.5					1.0	5.0	4.0			1.0	
26-27	4.5			9.5	5.5			2.0		0.5	11.0					5.0	0.5	4.5		1.5			
27-28	6.5			10.0	3.5			1.0		6.5	6.5						0.5	4.5		2.5			
28-29	9.0													9.5	11.5	6.0		4.0	6.0	3.5			
29-30	11.5						3.0											4.0		4.5	1.0		10.5
30-31							2.5								6.5	7.5	8.0	4.0	2.0	5.5			12.0

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	CM	CO	CO	Y	UU	UV	VZ	T	RR	SS	DELT	RY	UZ	EW	FL	RU	RU	RW	AT	BB	BO	U	SX
	LAC	LAC	LAC	LEO	LEO	LEO	LEO	LMI	LEP	LIB	LIB	LYN	LYR	LYR	LYR	MON	MON	MON	MON	MON	MON	OPH	OPH
MAX	8.5	10.5	10.5	9.5	11.4	9.5	10.6	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	10.8	5.8	10.5
MIN	9.5	11.0	11.0	12.7	12.7	10.2	11.7	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	12.1	6.5	11.2
DUR	4	5	5	5	4	3	4	6	4	6	7	4	5	5	4	5	5	5	5	4	5	5	5
TOT																		1			1		
				(S)													(S)						
0- 1					5.5	7.5														5.0			
1- 2	10.5		12.0										9.5										8.5
2- 3						3.0						7.5											
3- 4			1.0	3.5		7.5	1.5		4.5	12.5										3.0	2.5		10.0
4- 5							3.5		2.0													12.0	
5- 6		9.0			6.5	3.0	5.5					4.5											11.5
6- 7			3.0			7.5	8.0			9.5	8.0									1.5			
7- 8							10.0								7.5								
8- 9		11.0		5.0		3.0						1.5								6.0			
9-10	11.0					7.5								11.5									
10-11					7.5																		
11-12						3.0											3.5			4.5			
12-13						7.5							8.5										
13-14		2.5		6.5							7.5												
14-15						3.0			4.0								6.0		3.0	5.5			
15-16			9.5		8.5	8.0	1.0		2.0			5.5		12.0									
16-17							3.0			11.0			12.5				4.0			4.0			
17-18	11.5				1.0	3.0	5.5							11.0		4.0				1.5			
18-19			11.5	8.0		8.0	7.5	1.0				2.5	10.0					1.5					
19-20							9.5			8.0				9.5						6.0			
20-21					9.5	3.0					7.0		7.0		9.0								
21-22						8.0		1.5						8.5									
22-23		8.5			1.5							10.0								4.5			
23-24			2.5	9.0		3.0								7.0							3.0		
24-25						8.0		1.5															
25-26	12.0	10.5		1.5	10.5				3.5			6.5						0.5	2.5				
26-27						3.0			1.5	12.5												7.5	
27-28					2.5	8.0	1.0	2.0			7.0								1.5				
28-29		12.5		10.5			3.0					3.5								1.0			
29-30						3.0	5.0			9.5						2.0		2.0					
30-31		1.5		3.0		8.0	7.0	2.5												6.0			

	V508	V839	1010	EQ	ER	ER	ET	FL	FT	FZ	FZ	GU	GU	U	AQ	GP	Z	RT	RV	ST	XZ	BETA	UZ
	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PUP
MAX	10.1	8.8	6.2	10.3	9.5	9.5	11.2	10.5	9.1	10.7	10.7	12.6	12.6	9.7	10.3	10.2	9.9	10.6	10.3	9.7	10.6	2.2	9.7
MIN	10.7	9.4	7.0	13.3	10.2	10.2	12.4	13.2	9.7	11.3	11.3	13.5	13.5	10.5	13.0	11.0	12.4	12.0	12.7	13.2	12.7	3.5	10.6
DUR	3	3	4	4	3	3	5	3	4	3	3	4	4	3	12	4	6	4	8	5	4	8	4
TOT															4		2			1			
						(S)					(S)		(S)										
0- 1		9.5			3.0					5.0			4.5		11.0						1.0		
1- 2	7.5		10.5			4.5					5.0		3.0					5.5	5.0		5.0		
2- 3	8.5					1.0				5.0			2.0	1.0				2.0					6.5
3- 4			10.0	4.5	2.0						5.0	6.0							4.5				1.5
4- 5						3.5			3.0	5.0		4.5											
5- 6			9.5								5.0	3.0		0.5					3.5			5.5	
6- 7					1.5					5.0		2.0											6.0
7- 8		8.0	9.5			2.5			6.5	5.0	5.0		6.0					4.5	3.0				1.0
8- 9					4.0		4.0			5.0			4.5	0.5				0.5			2.5	2.5	
9-10		9.5	9.0		0.5		3.0				5.0		3.0						2.5	5.0	6.5		
10-11				4.0	2.0	1.5				5.0			2.0			12.0							5.5
11-12	7.5		8.5		3.5	0.5					5.0	6.0	0.5	0.5		11.5			1.5				
12-13	8.0					4.5		2.0		5.0		4.5											
13-14			8.0			1.0					5.0	3.5						3.0	1.0				
14-15					2.5					5.0		2.0		0.5									4.5
15-16			8.0			4.0		4.5			5.0	0.5	6.0						0.5		0.5		
16-17		8.0								5.0			4.5								4.0		
17-18				4.0	1.5						5.0		3.5	0.5						3.5			
18-19		9.5				3.0				5.0			2.0					5.5					4.0
19-20					4.5						5.0	6.0	0.5					1.5					
20-21					0.5					5.0		4.5		0.5									
21-22	7.5					2.0					5.0	3.5											
22-23	8.0				3.5					5.0		2.0					0.5						3.5
23-24								0.5		5.0	5.0	0.5	6.0	0.5								2.0	
24-25				3.5		1.0				5.0			4.5					4.0			5.5		
25-26		8.0			2.5						5.0		3.5			2.0				2.0			
26-27					4.0		1.0	4.0	5.0				2.0										3.0
27-28		9.0					4.5			5.0	6.0	0.5											
28-29					1.5		3.0			5.0		4.5					3.5					4.0	
29-30					3.0	2.0	3.5				5.0	3.5						6.5					
30-31					4.5		1.0			5.0		2.0				0.5		2.5					2.0

	UZ	U	V505	1968	AO	CC	CC	RW	RZ	TY	WY	AM	EQ	EQ	V	X	RV	W	W	TX	TY	TY	UX
	PUP	SGE	SGR	SGR	SER	SER	SER	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA
MAX	9.7	6.4	6.4	12.3	10.6	11.1	11.1	8.0	10.5	11.5	11.5	10.4	10.3	10.3	10.9	8.9	11.4	9.1	9.1	6.8	11.7	11.7	12.7
MIN	10.3	9.1	7.6	13.3	12.1	11.7	11.7	12.5	11.2	12.0	11.7	12.3	11.0	11.0	11.9	12.0	12.5	9.9	9.9	8.9	12.4	12.4	13.8
DUR	4	6	5	4	4	4	4	4	3	2	4	5	3	3	4	4	4	3	3	6	3	3	1
TOT		2						1															
	(S)						(S)							(S)					(S)			(S)	
0- 1	7.0				5.5	10.0			3.5				3.5					2.0	6.0		6.5	2.0	2.0
1- 2	2.0			10.5		11.0	4.5				3.5		4.5					2.0	6.0		8.0	3.5	6.5
2- 3		8.0				11.5	5.5		5.5	1.5			5.0	1.0				2.0	6.0		1.0	5.0	1.5
3- 4							6.5		1.5	3.5	5.5			1.5				2.0	6.0		2.5	6.5	5.5
4- 5	6.0						7.0			5.5				2.0	2.0			2.0	6.0		4.0	8.0	0.5
5- 6	1.0				12.5		8.0		3.0		7.5			2.5				2.0	6.0		5.5	1.0	5.0
6- 7				12.0	9.5		8.5							3.0				2.0	6.0		7.0	3.0	9.0
7- 8					6.5		9.5		5.0					3.5		3.0		2.0	6.0			4.5	4.0
8- 9	5.5					10.0		2.5	1.0		2.0	0.5		4.5		2.0		2.0	6.0		1.5	6.0	8.5
9-10	0.5					4.5	11.0						0.5	5.0		1.5		2.0	6.0		3.0	7.5	3.0
10-11				11.0		5.5	11.5		3.0		3.5	1.5	1.5			1.0	0.5	2.0	6.0		4.5		7.5
11-12						6.0							2.0		2.5			2.0	6.0		6.0	2.0	2.5
12-13	5.0	11.5				7.0			4.5		5.5	2.5	2.5					2.0	6.0		7.5	3.5	6.5
13-14					10.0	8.0			0.5				3.0				1.0	2.0	6.0		0.5	5.0	1.5
14-15				9.5	7.5	8.5					3.5	3.5		0.5				2.0	6.0		2.0	6.5	6.0
15-16				12.5		9.5			2.5				4.0					2.0	6.0		4.0	8.0	1.0
16-17	4.5	10.5				10.0				1.5		4.5	5.0	0.5			1.0	2.0	6.0	1.0	5.5	1.0	5.0
17-18						11.0	4.5		4.5	3.5	2.0			1.5				2.5	6.5		7.0	2.5	9.5
18-19						11.5	5.5				5.5			2.0	3.0			2.5	6.5		8.5	4.0	4.5
19-20				11.0		12.5	6.0	4.5			4.0			2.5			1.5	2.5	6.5	3.0	1.5	5.5	8.5
20-21	3.5				11.0		7.0		2.5					3.0				2.5	6.5		3.0	7.0	3.5
21-22					8.0		7.5				5.5			3.5	1.0			2.5	6.5		4.5		8.0
22-23					5.0		8.5		4.0					4.0			2.0	2.5	6.5	4.5	6.0	1.5	2.5
23-24				9.5			9.5						0.5	4.5				2.5	6.5		7.5	3.0	7.0
24-25	3.0						10.0						1.0					2.5	6.5		0.5	4.5	2.0
25-26						4.5	11.0		2.0					2.0			2.5	2.5	6.5	6.0	2.0	6.5	6.0
26-27						5.5	11.5				2.0			2.5				2.5	6.5		3.5	8.0	1.0
27-28					12.0	6.0	12.5		4.0					3.0				2.5	6.5		5.0	1.0	5.5
28-29	2.5				11.5	9.0	7.0				4.0			3.5		1.5		2.5	6.5	7.5	6.5	2.5	
29-30		9.5	11.0		6.0	7.5								4.0				2.5	6.5		8.0	4.0	4.5
30-31						8.5			1.5	2.0	6.0		4.5	0.5				2.5	6.5		1.0	5.5	9.0

	VV	XZ	ZZ	RU	VV	AG	AH	AH	AK	AW	AW	AZ	AZ	BH	Z	AW	AY	BE	BO	BS	BT	BU	CD	
	UMA	UMA	UMA	UMI	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	
MAX	10.1	10.1	9.8	10.7	11.7	8.8	9.7	9.7	10.0	10.8	10.8	11.0	11.0	9.9	7.4	10.8	11.0	9.9	10.4	11.0	11.8	10.6	11.5	
MIN	11.0	11.7	11.2	11.4	13.5	9.4	10.2	10.2	11.5	11.9	11.9	11.8	11.8	11.3	9.2	11.9	12.9	11.4	13.3	11.5	12.5	11.4	12.6	
DUR	3	3	4	4	4	4	4	4	4	3	3	3	3	4	6	5	4	5	4	3	3	3	4	
TOT																								
								(S)		(S)		(S)												
0- 1	7.5	10.0		11.0	10.5		2.0	7.0		5.0	7.5	3.5										11.0		
1- 2				12.0	8.0	6.5	7.5	2.5		6.5		4.5	9.0											
2- 3	9.0			0.5	5.5		3.0	7.5		4.0	8.0		6.0	4.5									10.0	
3- 4	1.5			2.0		5.0	8.0	3.5		5.5			7.0		12.0									
4- 5	10.5	2.0	3.5	3.0		12.0	3.5	8.5	8.5	7.0		4.0	8.0			10.5						10.5	11.0	
5- 6	3.0	7.5		4.5	8.5	3.0	9.0	4.0		8.5	4.0	5.0		11.0							9.0			
6- 7	12.0		10.5	5.5	6.0	10.0	4.5	9.5			5.5	6.5		6.5									12.5	
7- 8	4.5			6.5		1.5	5.0				7.0	7.5	3.5						10.5					
8- 9				8.0		8.5	5.5			4.5			4.5						9.0			10.0		
9-10	6.0			9.0	9.0			6.0		6.0			5.5											
10-11		5.0		10.5	6.0	6.5	6.5	1.5	8.0	7.5			7.0	8.5			9.5							
11-12	7.5	10.0	1.0	11.5			2.0	7.0			4.5	4.0	8.0	4.0										
12-13						5.0	7.5	2.5			6.0	5.0											9.5	
13-14	9.0		8.0	1.0	9.0	11.5	3.0	8.0		3.5	7.5	6.0					12.0				9.0			
14-15	1.5			2.5	6.5	3.0	8.0	3.5		4.5		7.5		10.5				11.5			12.5			
15-16	10.5	2.0		3.5		10.0	4.0	8.5		6.0			4.5	6.0									9.5	
16-17	3.0	7.5		5.0		1.5	9.0	4.5	7.0	7.5	3.5		5.5		9.5	12.0		10.0	11.5		9.5			
17-18	12.0			6.0	9.5	8.5	4.5	9.5	12.0		5.0		6.5								10.0		11.0	
18-19	4.5			7.0	7.0			5.0			6.5	3.5	8.0	12.5				9.0	9.0					
19-20				8.5		6.5	5.5			3.5	8.0	5.0		8.0	11.5								12.0	
20-21	6.0		5.5	9.5			6.0			5.0		6.0				10.5								
21-22		5.0		11.0	10.0	5.0	6.5	1.5		6.5		7.0											12.0	
22-23	7.5	10.0		12.0	7.5	11.5	2.0	7.0	6.5	8.0	4.0	8.5	4.0								12.0			
23-24				0.5	4.5	3.0	7.5	2.5	11.0		5.5		5.5	10.0										
24-25	9.0			2.0		10.0	3.0	8.0			7.0		6.5	6.0	9.5	11.0								
25-26	1.5			3.0	10.5	1.5	8.5	3.5		4.0	8.5	3.5	7.5										12.0	
26-27	10.5	2.0		4.0	7.5	8.0	4.0	9.0		5.5		4.5									11.0			
27-28	3.0	7.5	3.0	5.5	5.0		9.0	4.5		7.0		6.0		12.0			11.0				10.0			
28-29	12.0			6.5		6.5	5.0	9.5	5.5		4.5	7.0		8.0		12.0		11.0			9.0		9.5	
29-30	4.5		10.5	8.0	10.5			5.0	10.5		6.0	8.0	4.0									11.5		
30-31				9.0	8.0	5.0	5.5			3.0	7.5		5.0								11.5		10.5	

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	RT	TW	UU	WZ	XZ	AD	BD	BX	RY	CX	XZ	OO	OO	V342	V343	V346	SS	WW	WW	AP	AP	AR	AR
	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	ARI	AUR	AUR	AUR	AUR	AUR	AUR
MAX	9.3	8.8	11.2	11.6	10.0	11.1	11.3	8.6	8.8	10.7	9.3	9.2	9.2	9.0	10.6	9.0	10.1	5.7	5.7	10.9	10.9	6.0	6.0
MIN	10.2	11.0	14.1	12.6	13.0	11.6	11.7	9.5	10.1	12.0	11.2	10.1	10.1	12.5	12.3	10.4	11.1	6.4	6.4	11.4	11.4	6.7	6.7
DUR	3	11	8	4	3	4	3	4	5	3	7	3	3	7	4	4	3	5	5	4	4	5	5
TOT		2												3									
						(S)						(S)						(S)		(S)		(S)	
0- 1			11.0			11.5		10.0							9.0					2.5			
1- 2	7.5					11.0	9.5							7.5						6.0			
2- 3					2.0	10.5	8.0			11.0								5.5			2.5		
3- 4						10.5						7.5									6.0		
4- 5	11.0					10.0						7.5								2.5			
5- 6				1.0		9.5						8.0								5.5			
6- 7	8.0					9.5						8.0									2.0		
7- 8						9.0	10.0			11.0		8.5			7.5	1.5					5.5		
8- 9						8.5	8.5				9.5	9.0			10.0						2.0		
9-10	11.5					8.5						9.0									5.5		
10-11								1.0				9.5										2.0	
11-12	9.0											10.0		11.5	11.0			1.5				5.0	
12-13								11.5		11.0		10.0									1.5		
13-14							10.5	2.5				10.5			7.0						5.0		
14-15							9.0					11.0										1.5	
15-16				11.5								11.0										5.0	
16-17	9.5											11.5						3.0			1.5		
17-18										11.0											4.5		
18-19																9.0						1.0	
19-20							11.0									11.5						4.5	
20-21							9.0										1.0				1.0		
21-22	10.5			1.0	2.0		7.5						7.0					4.0			4.5		
22-23										11.0			7.5										
23-24	7.5										9.0		7.5									4.0	
24-25								2.0					8.0		8.5							2.0	
25-26													8.5								4.0		
26-27	11.0						9.5						8.5					5.5			7.5		3.5
27-28		11.5					8.0			11.5			9.0									4.0	
28-29	8.5												9.5	10.5		8.0					7.0	5.0	
29-30													9.5			10.5					3.5		

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	CL	EP	HP	HP	TU	TU	TY	TY	TZ	TZ	ZZ	Y	SV	AL	CD	CD	R	RT	SX	TU	TZ	TZ	UU
	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA	CMA	CMA	CMA	CMA
MAX	11.7	10.8	10.8	10.8	11.7	11.7	11.8	11.8	10.6	10.6	6.8	10.6	8.6	10.5	11.6	11.6	6.2	11.4	10.3	9.7	9.8	9.8	10.0
MIN	13.2	11.3	11.5	11.5	12.7	12.7	12.3	12.3	11.1	11.1	7.6	12.4	9.4	11.3	11.8	11.8	6.8	12.9	11.4	10.7	10.5	10.5	12.5
DUR	4	3	3	3	3	3	3	3	3	3	5	6	3	5	5	5	4	5	4	4	4	4	5
TOT				(S)		(S)		(S)		(S)	(S)					(S)							(S)
0- 1					1.0	5.0	2.5	6.5	6.0	2.0			4.5	2.5		7.0							
1- 2						4.0	1.5	5.0	3.0	6.5			9.0	10.5	10.5	1.5							
2- 3		3.5			7.5	3.5		4.0		4.0	11.5				5.0								
3- 4	2.5			3.0	7.0	3.0	6.5	3.0	5.0	1.5			3.5			8.5							
4- 5					6.0	2.5	5.5	1.5	2.5	6.0			8.0	2.0		3.0							
5- 6		2.5			5.5	1.5	4.0		7.0	3.5				10.0	6.5								
6- 7					5.0	1.0	3.0	7.0	4.5				2.5			10.0	2.5	2.0			3.5		
7- 8					4.0		2.0	5.5	2.0	5.5	11.5	3.0	7.0			4.0							
8- 9	2.0	1.0	2.5		3.5	7.5		4.5	6.5	3.0			11.5	1.5	7.5							2.5	
9-10		5.5			3.0	7.0	7.0	3.5	3.5				2.0	9.5	2.0	11.0			2.5				
10-11					2.5	6.0	6.0	2.0	1.0	4.5		10.0	6.5			5.5							
11-12					1.5	5.5	5.0	1.0	5.5	2.0			11.0		9.0								
12-13		4.5			1.0	5.0	3.5	7.5	3.0	6.5	11.5		1.0	1.5	3.5								1.5
13-14	1.5			2.0		4.0	2.5	6.5		4.0			5.5	9.5		7.0							
14-15					7.5	3.5	1.5	5.0	5.0	1.5			10.0		10.5	1.0	1.0						
15-16		3.5			7.0	3.0		4.0	2.5	6.0					4.5		4.5						
16-17					6.0	2.5	6.5	3.0	7.0	3.5			4.5	1.0		8.0							
17-18					5.5	1.5	5.5	1.5	4.5		11.0		9.0	9.0	11.5	2.5				1.0			
18-19	1.0	2.5	1.5		5.0	1.0	4.5		1.5	5.0					6.0								
19-20					4.0		3.0	7.0	6.0	2.5			4.0			9.5							
20-21				4.5	3.5	7.5	2.0	6.0	3.5		8.0	8.5				4.0							
21-22		1.0			3.0	7.0		4.5	1.0	4.5				8.5	7.5								
22-23		5.5			2.0	6.0	7.5	3.5	5.5	2.0	11.0		3.0		2.0	11.0			2.0				
23-24				1.0	1.5	5.5	6.0	2.5	3.0	6.5			7.5			5.5	3.0						
24-25					1.0	5.0	5.0	1.0		4.0					9.0								
25-26		4.5	4.0			4.0	4.0	7.5	5.0	1.5			2.0	8.0	3.0								1.5
26-27					7.5	3.5	2.5	6.5	2.0	6.0			6.5			6.5				1.5			
27-28					7.0	3.0	1.5	5.0	7.0	3.0	10.5		11.0		10.0	1.0							
28-29		3.5			6.0	2.0		4.0	4.0				1.5		4.5		1.5						
29-30					5.5	1.5	6.5	3.0	1.5	5.0			6.0	8.0		8.0					2.0		

	XZ	AK	RW	TY	RZ	TV	AB	CW	CW	DZ	IR	IS	MM	OR	PV	PV	V364	V364	V375	U	SU	WZ	WZ	
	CMI	CMI	CAP	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	
MAX	9.7	10.1	9.8	10.5	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	11.7	11.7	
MIN	10.2	11.5	10.8	11.6	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	11.3	11.1	
DUR	3	4	5	4	4	4	4	3	3	4	4	5	5	4	3	3	4	4	5	4	4	3	3	
TOT																				2				
									(S)							(S)		(S)					(S)	
0- 1	2.0	1.5					3.5	2.0	6.0					9.0								1.0	6.0	
1- 2	6.0	4.5			3.0			1.0	5.0								10.5			11.5	7.0	2.0		
2- 3					7.5			7.5	4.0	11.5		8.5							8.0		9.0	3.0	8.0	
3- 4								6.5	3.0											3.5	6.5	9.0	4.0	
4- 5	3.5						6.0	5.5	1.5	1.5			11.0	2.5								5.0		
5- 6		3.5						4.5			7.0			8.5	10.5				7.0			1.0	6.0	
6- 7								3.5	7.5	10.0						8.5		1.5				7.0	2.0	
7- 8				11.5	2.5			2.5	6.0		8.0											3.5	8.5	
8- 9	4.5				7.0	10.0	8.5	1.5	5.0										5.5	3.0		9.5	4.5	
9-10		3.0			12.0				4.0		9.0		2.5	2.0								5.5		
10-11								7.0	3.0	8.0				8.0								11.5	1.5	6.5
11-12	2.0						2.0	6.0	2.0		10.0		10.0				11.0		4.0		9.0	7.5	2.5	
12-13	6.0					1.0	10.5	5.0	1.0					10.5							7.0	3.5	8.5	
13-14		2.0			2.0			4.0	7.5	11.5	11.0	9.5				8.5				2.5		9.5	4.5	
14-15		5.0	10.5		6.5			3.0	6.5					2.0					3.0			5.5		
15-16	3.5				11.0		4.5	1.5	5.5	1.0		6.0		7.5								1.5	6.5	
16-17									4.5				1.0				2.0					7.5	2.5	
17-18		1.0		10.5		11.5		7.5	3.5	9.5		2.0							1.5			3.5	8.5	
18-19		4.0						6.5	2.5									9.5		2.5		10.0	5.0	
19-20	4.5				1.5		6.5	5.0	1.5					1.5	10.5							6.0		
20-21					6.0			4.0						7.5		8.5					9.5	2.0	7.0	
21-22					10.5	2.5		3.0	7.0	7.5									11.5	12.0		7.0	8.0	3.0
22-23	2.0	3.0						2.0	6.0		7.5											4.0	9.0	
23-24	5.5						9.0	1.0	5.0											2.0		10.0	5.0	
24-25									4.0	11.0	8.5	11.0		1.0					10.5			6.0	1.0	
25-26								6.5	3.0					7.0								2.0	7.0	
26-27	3.0	2.0			5.5		2.5	5.5	2.0		9.5	7.0	11.5		10.5							8.0	3.0	
27-28		5.5		10.0	10.0		11.5	4.5								8.5			9.0			4.0	9.0	
28-29						8.5		3.5	7.5	9.5	10.5						10.5			1.5			5.0	
29-30								2.5	6.5												10.0	6.0	1.0	

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	XX	DK	DL	DV	EG	RW	RW	RZ	RZ	SS	SS	CC	CC	U	RW	W	W	RV	RV	V	SW	WW	ZZ
	CEP	CEP	CEP	CEP	CEP	COM	COM	COM	COM	COM	COM	COM	COM	CRB	CRB	CRV	CRV	CRV	CRV	CRT	CYG	CYG	CYG
MAX	8.5	12.2	12.4	11.6	9.6	11.0	11.0	10.0	10.0	10.9	10.9	11.0	11.0	7.6	10.1	10.6	10.6	9.0	9.0	9.5	9.3	9.9	10.7
MIN	9.6	14.2	13.2	12.4	10.6	11.6	11.6	10.7	10.7	11.5	11.5	11.9	11.9	8.8	10.6	11.2	11.2	10.0	10.0	10.2	11.8	13.2	12.0
DUR	4	4	5	4	3	3	3	3	3	4	4	2	2	5	4	4	4	4	4	4	5	5	4
TOT																					2		
							(S)		(S)		(S)		(S)				(S)		(S)				
0- 1		1.5			9.5	4.5	1.5		5.0	1.5	6.5		3.0		7.0	2.5	7.5	3.0		4.5		8.0	
1- 2		1.0		2.0	11.5	3.0		1.0	5.0	7.0	2.0	3.0				6.5	2.0	5.0					6.5
2- 3				6.0		2.0	5.0	1.5	5.5	3.0	8.0	5.5	2.5		11.0	1.0	6.0	8.5		7.0			
3- 4				10.0	3.0		3.5	2.0	6.0	8.5	4.0	2.5	5.0	5.5	4.5	5.0		2.5					
4- 5					5.0	5.5	2.5	2.5	6.5	4.5	9.5	5.0	2.5			9.0	4.5		5.0				10.0
5- 6			9.5		7.0	4.0	1.0	2.5	6.5		5.5	2.0	5.0		9.0	3.5	8.5	8.5		2.5			
6- 7	7.5				9.5	3.0	5.5	3.0	7.0	6.0	1.0	4.5	2.0		2.5	7.5	3.0	2.5					7.5
7- 8					11.5	1.5	4.5	3.5	7.5	2.0	7.0	2.0	4.5			2.5	7.0		4.5	5.0			
8- 9				1.5		3.5	4.0	8.0	7.5	2.5	4.5	1.5			6.5	6.0	1.5	8.0					
9-10				5.5	2.5	5.0	2.0	4.0		3.5	8.5	1.5	4.0				5.5	2.0		7.5			11.0
10-11			7.0	9.0	5.0	3.5		4.5		9.0	4.0	4.0	1.5	3.5	11.0	5.0			4.5			7.0	
11-12				7.0	2.5	5.5	5.0		5.0			1.0	4.0		4.5	8.5	4.0	8.0					8.0
12-13				9.0	1.0	4.0	5.5	1.0		5.5	3.5	1.0				3.5	8.0	2.0		3.0			
13-14	8.0			11.5		3.0	5.5	1.5	6.5	1.5		3.5			8.5	7.5	2.5		4.0				5.5
14-15					4.5	1.5	6.0	2.0	2.5	7.5	3.5				2.0	2.0	6.5	7.5		5.5			11.5
15-16				2.5	3.5		6.5	2.5	8.0	3.0		3.0				6.0	1.0						
16-17				4.5	4.5	2.0	5.0	6.5	2.5	4.0	9.0	3.0			6.5		5.0		4.0	8.0			8.5
17-18				8.5	7.0		3.5	7.0	3.0	9.5	4.5		3.0			4.5	9.0	7.5					
18-19			10.5		9.0	5.5	2.5	7.5	3.5	5.5		2.5	5.5		10.5	8.5	3.5						6.0
19-20				11.0	4.0	1.5	8.0	4.0	1.0	6.0	5.0	2.5			4.0	3.0	7.5		3.5	3.5	6.5		
20-21	8.0				3.0			4.0	7.0	2.0	2.5	5.0				7.0	2.5	7.0				5.5	
21-22				2.5	1.5	4.5		4.5	2.5	7.5	5.0	2.0			8.5	1.5	6.0		9.5	6.0			9.5
22-23				4.5		3.5		5.0	8.5	3.5	2.0	4.5			2.0	5.5			3.5				
23-24			8.0	4.0	6.5	5.0	2.0	1.0	5.5	4.5	9.0	4.5	2.0				5.0	7.0					6.5
24-25				8.0	8.5	4.0	1.0	1.5	5.5		5.0	1.5	4.5		6.0	4.0	9.0		9.0	1.5			
25-26				11.5	11.0	2.5	5.5	2.0	6.0	6.0		4.0	1.5			8.0	3.5		3.0				
26-27					1.5	4.0	2.5	6.5	1.5	6.5	1.5	4.0			10.5	2.5	7.5	6.5		4.0			10.0
27-28	8.5			2.0		3.0	2.5	7.0	7.5	2.5	4.0	1.0		9.5	4.0	6.5	2.0		9.0				
28-29			5.5		4.0	4.5	2.0	3.0	7.0	3.0	8.0	1.0	3.5			1.0	6.0		3.0	6.5	10.0		7.5
29-30				6.5	3.5		3.5	7.5	9.0	4.0	3.5				8.0	5.0		6.5					

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	AE	BR	CG	DK	KV	V346	V387	V388	V456	V466	V466	V477	V477	V704	W	TT	TY	YY	FZ	Z	RZ	TW	UZ
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA
MAX	11.8	9.4	11.0	10.3	11.5	11.8	11.5	9.7	10.8	10.8	10.8	8.3	8.3	13.8	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9
MIN	12.8	10.5	11.8	10.8	12.6	13.6	12.3	10.3	11.9	11.6	11.6	9.2	8.7	14.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7
DUR	4	4	3	4	5	5	3	3	3	4	4	4	4	4	7	5	4	4	3	4	3	5	5
TOT															2							1	
											(S)		(S)										
0- 1					9.5		7.0	10.0	8.0	10.5				11.0							3.5		6.5
1- 2		7.0						6.5					7.0						9.0		5.5	11.5	
2- 3	11.5			10.5													10.0	11.5					8.0
3- 4	10.5		9.5	9.0										7.5						6.0	10.5		
4- 5	10.0			7.5										11.0								7.0	
5- 6	9.0	7.0	7.0				10.0				7.5	7.0											2.5
6- 7	8.5					8.0	10.5											10.5					4.5
7- 8	7.5						8.5	7.0	11.0	9.5				7.5						7.5	7.0	2.5	
8- 9			11.0						8.5				8.0	11.0			9.0		10.0				9.5
9-10		7.0									11.5												
10-11			8.5	10.5														9.5				1.0	1.5
11-12				9.0										7.5						9.0		3.5	
12-13				7.5			11.5	10.5			6.5	8.0		10.5								6.0	
13-14		6.5						7.5							11.0							8.5	7.5
14-15							9.5			8.5								9.0		2.5	11.0		
15-16			9.5						11.5				9.0	7.0				11.5	11.0				
16-17							7.5		9.0		10.5			10.5									2.5
17-18		6.5	7.0		10.5	7.0			6.5							11.5							5.0
18-19				10.5					11.0									8.0		4.0	7.5	8.0	
19-20				9.0					7.5			9.0		7.0					9.5			10.0	
20-21			10.5	7.5	6.5									10.5		8.5							
21-22		6.5					10.5			7.5								11.5				1.5	3.0
22-23			8.0										10.0								6.0	4.0	
23-24							8.5				9.5			7.0								6.5	2.5
24-25								11.5	9.5					10.5								9.0	
25-26		6.5						8.0	7.0	11.5								11.5				11.5	
26-27				10.5								10.0							10.5	7.5			9.0
27-28			9.5	9.0										7.0			10.5					3.0	
28-29				8.0		6.5	11.5			6.5				10.0									5.5
29-30		6.5											11.0					10.5					8.0

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	VZ	T	RR	SS	DELT	RY	UZ	EW	FL	RU	RU	RW	AT	BB	BO	U	SX	V508	V839	1010	EQ	ER	ER
	LEO	LMI	LEP	LIB	LIB	LYN	LYR	LYR	LYR	MON	MON	MON	MON	MON	MON	OPH	OPH	OPH	OPH	OPH	ORI	ORI	ORI
MAX	10.6	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	10.8	5.8	10.5	10.1	8.8	6.2	10.3	9.5	9.5
MIN	11.7	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	12.1	6.5	11.2	10.7	9.4	7.0	13.3	10.2	10.2
DUR	4	6	4	6	7	4	5	5	4	5	5	5	5	4	5	5	5	3	3	4	4	3	3
TOT												1			1								
											(S)												(S)
0- 1									6.5				2.5			8.0		7.5					
1- 2				6.5													7.5	8.0	7.0				2.5
2- 3		3.0							10.5				3.5	4.0									
3- 4					6.5												9.0		8.0				
4- 5						7.5	10.5			2.0			4.0										1.5
5- 6		3.5												2.5		9.0	10.5		9.0				
6- 7			1.0				7.5					3.0	5.0										
7- 8						4.5														11.5	2.5		
8- 9		4.0		11.0			5.0					1.0						5.5	6.0			2.0	
9-10	2.5																	6.5		11.0			
10-11	5.0				6.0	1.5										9.5		7.5	7.0				
11-12	7.0	4.5		8.0														8.0		10.5		1.0	
12-13															4.0				8.0				2.5
13-14									8.0					4.0						10.5			
14-15		5.0		5.0		9.0													9.0		2.5		
15-16																10.5				10.0			1.5
16-17														2.0									
17-18		5.5			5.5	5.5														6.0	9.5		
18-19																		5.5					
19-20																		6.5	7.0	9.0		2.0	
20-21		6.0				2.5										11.0		7.5					
21-22	2.5			9.5			11.0								1.5			8.0	8.0	9.0	2.0		
22-23	4.5																					1.5	
23-24	6.5	6.5					8.0	11.5			4.0								9.0	8.5			2.5
24-25				6.5	5.0				5.5					3.5									
25-26							5.5	10.5				4.5								8.0			
26-27		7.0							9.5											6.0			2.0
27-28						7.0		9.0				2.5		2.0							7.5		
28-29																		5.5	7.0		1.5		
29-30		7.5						8.0		4.5								6.5		7.5			1.0

	TY	WY	AC	AM	EQ	EQ	V	X	W	W	TX	TY	TY	UX	VV	XZ	ZZ	RU	VV	AG	AH	AH	AK	
	TAU	TAU	TAU	TAU	TAU	TAU	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	VIR	VIR	VIR	VIR	VIR	
MAX	11.5	11.5	10.5	10.4	10.3	10.3	10.9	8.9	9.1	9.1	6.8	11.7	11.7	12.7	10.1	10.1	9.8	10.7	11.7	8.8	9.7	9.7	10.0	
MIN	12.0	11.7	12.3	12.3	11.0	11.0	11.9	12.0	9.9	9.9	8.9	12.4	12.4	13.8	11.0	11.7	11.2	11.4	13.5	9.4	10.2	10.2	11.5	
DUR	2	4	6	5	3	3	4	4	3	3	6	3	3	1	3	3	4	4	4	4	4	4	4	
TOT																								
					(S)				(S)		(S)										(S)			
0- 1					1.0				2.5	6.5	9.0	2.5	7.0	4.0	6.0			10.0	5.5		1.5	6.0		
1- 2					1.5				2.5	6.5		4.0	8.5	8.0		5.0		11.5	3.0	3.0	6.5	1.5		
2- 3					2.5				2.5	6.5		5.5	1.5	3.0	7.5	10.0				10.0	2.0	7.0		
3- 4					3.0				2.5	6.5	10.5	7.5	3.0	7.5				1.0	8.5	1.5	7.5	2.5	5.0	
4- 5		2.0							2.5	6.5			4.5	2.0	9.0			2.5	6.0	8.0	3.0	8.0	9.5	
5- 6									2.5	6.5		2.0	6.0	6.5	1.5		8.0	3.5	3.5		8.5	3.5		
6- 7		4.0							2.5	6.5		3.5	7.5	1.5	10.5	2.0		5.0		6.5	4.0	9.0		
7- 8					1.0				2.5	6.5		5.0		6.0	3.0	7.5			6.0	9.0		9.5	4.5	
8- 9					1.5				2.5	6.5		6.5	2.0						7.0	6.0	4.5	5.0	10.0	
9-10					2.0				3.0	7.0		8.0	3.5	5.0	4.5				8.5	3.5		5.5	4.0	
10-11					3.0				3.0	7.0		1.0	5.0	9.5					9.5		3.0	6.0	8.5	
11-12			1.5						3.0	7.0		2.5	6.5	4.0	6.0			10.5	9.0	10.0	1.5	6.0		
12-13									3.0	7.0		4.0	8.0	8.5		5.0	5.5		6.5	1.0	6.5	2.0		
13-14	2.0	2.5	2.5					1.0	3.0	7.0		5.5	1.5	3.5	7.5	10.0			4.0	8.0	2.0	7.0		
14-15					1.0	1.0			3.0	7.0		7.0	3.0	7.5					1.5		7.5	2.5		
15-16		4.5			1.5				3.0	7.0			4.5	2.5	9.0				3.0	9.5	6.5	3.0	8.0	3.5
16-17					2.0				3.0	7.0		1.5	6.0	7.0	1.5				4.0	7.0		8.5	3.5	8.0
17-18					3.0				3.0	7.0		3.0	7.5	2.0	10.5	2.0			5.5	4.5	4.5	4.0	9.0	
18-19									3.0	7.0		4.5		6.0	3.0	7.5			6.5		9.5	4.5		
19-20									3.0	7.0		6.0	2.0	1.0			3.0	7.5	10.0	3.0	5.0			
20-21									3.0	7.0		7.5	3.5	5.5	4.5				9.0	7.5	9.5		5.5	
21-22					1.0				3.0	7.0			5.0				10.0	10.0	4.5	1.0	6.0	1.0		
22-23		2.5			1.5				3.0	7.0		2.5	6.5	4.5	6.0				11.5		8.0	1.5	6.5	7.0
23-24					2.0				3.0	7.0		4.0	8.0	9.0		5.0				10.5		7.0	2.0	
24-25		4.5			2.5				3.0	7.0		5.5	1.0	3.5	7.5	10.0			1.0	7.5	6.5	2.5	7.0	
25-26									3.0	7.0		7.0	2.5	8.0					2.5	5.0		7.5	3.0	
26-27				1.5					3.0	7.0		8.5	4.0	3.0	9.0				3.5	2.5	4.5	3.0	8.0	
27-28	2.0								3.0	7.0		1.5	5.5	7.0	1.5				4.5	10.5		8.5	3.5	
28-29			3.0		1.0				3.0	7.0		3.0	7.0	2.0	10.5	2.0	8.0	6.0	8.0	3.0	4.0	9.0	6.5	
29-30					1.5				3.0	7.0		4.5		6.5	3.0	7.5			7.0	5.5	9.5	9.5	4.5	

	AW	AW	AZ	AZ	BH	Z	AW	AX	AY	BE	BO	BS	BT	BU	CD
	VIR	VIR	VIR	VIR	VIR	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	10.8	10.8	11.0	11.0	9.9	7.4	10.8	11.0	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	11.9	11.9	11.8	11.8	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	3	3	4	6	5	5	4	5	4	3	3	3	4
TOT															
		(S)		(S)											
0- 1	4.5		2.0	6.5											
1- 2	6.0	2.0	3.5	7.5	10.0									7.5	
2- 3	7.5	3.5	4.5		5.5		8.0		9.5					11.0	
3- 4		5.0	5.5	1.5											
4- 5	2.0	6.5	7.0	2.5											
5- 6	3.5	8.0	8.0	4.0								11.0		7.0	
6- 7	5.0			5.0	7.5		9.0					10.0	8.0	10.5	
7- 8	6.5	2.0	2.0	6.0	3.0					8.0		9.0	11.5		
8- 9	8.0	3.5	3.0	7.5								7.5			8.0
9-10		5.0	4.5									6.5			
10-11	2.5	6.5	5.5	1.5	9.5		9.5			10.5				10.0	9.0
11-12	4.0	8.0	6.5	2.5	5.0										
12-13	5.5	1.0	8.0	3.5											10.5
13-14	7.0	2.5		5.0											
14-15	8.5	4.0	2.0	6.0	11.5		10.5		10.5				8.0	9.5	11.5
15-16	1.5	5.5	3.0	7.0	7.0	11.5						11.0	11.0		
16-17	3.0	7.0	4.0	8.5	2.5							10.0			
17-18	4.5		5.5									8.5			
18-19	6.0	1.5	6.5	2.5			11.0	7.5				7.5		9.5	
19-20	7.5	3.0	7.5	3.5	9.0							6.5			
20-21		4.5		4.5	4.5	9.5		8.0			10.5				
21-22	2.0	6.0	1.5	6.0						7.0					7.5
22-23	3.5	7.5	3.0	7.0				8.5			9.5		7.5	9.0	
23-24	5.0		4.0	8.0	11.0		7.5					11.0			9.0
24-25	6.5	2.0	5.0		7.0			9.0		9.5	8.0				
25-26	8.0	3.5	6.5	2.0	2.5	7.5						11.0			10.0
26-27		5.0	7.5	3.5				9.5			7.0	10.0		8.5	
27-28	2.0	6.5		4.5			8.0					8.5			11.5
28-29	3.5	8.0	1.5	5.5	9.0			10.5				7.5			
29-30	5.0		2.5	7.0	4.5							6.5			

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	RT	TW	UU	WZ	XZ	AB	AD	BD	BX	DS	RY	CX	CZ	XZ	OO	OO	V342	V343	V346	WW	AP	AP	AR
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	AUR	AUR	AUR	AUR
MAX	9.3	8.8	11.2	11.6	10.0	9.3	11.1	11.3	8.6	10.8	8.8	10.7	10.3	9.3	9.2	9.2	9.0	10.6	9.0	5.7	10.9	10.9	6.0
MIN	10.2	11.0	14.1	12.6	13.0	10.2	11.6	11.7	9.5	11.4	10.1	12.0	11.2	11.2	10.1	10.1	12.5	12.3	10.4	6.4	11.4	11.4	6.7
DUR	3	11	8	4	3	3	4	3	4	4	5	3	3	7	3	3	7	4	4	5	4	4	5
TOT		2															3						
						(S)				(S)					(S)					(S)		(S)	(S)
0- 1	5.5					8.0				10.5					10.0								
1- 2						7.5			9.5	10.5		8.5			10.5							3.5	
2- 3						7.5		10.0		11.0					10.5								
3- 4	9.0					7.5		8.5		11.0					11.0						3.5		
4- 5						7.5		6.5	11.0						5.0								
5- 6	6.5					7.5									5.5	5.5	10.5		1.5		3.0		
6- 7						7.0					9.0				6.0								
7- 8						7.0	11.0								6.0		6.5				3.0		
8- 9	10.0			10.5		7.0	10.5	10.5				8.5		6.5					7.0				
9-10						7.0	10.0	8.5						7.0					9.5			3.0	
10-11	7.0						10.0	7.0						7.0						2.5			
11-12				10.5		9.5					9.0			7.5							2.5		
12-13						9.0								8.0									
13-14	10.5					9.0								8.0								2.5	
14-15						8.5	11.0							8.5									
15-16	8.0			9.5		8.5	9.0	10.5						9.0		9.5				4.0	2.5		
16-17						8.0	7.5				9.0			9.0									
17-18						7.5	5.5					10.5		9.5								2.0	
18-19						7.5								10.0			8.0	6.0					
19-20						7.0								10.0				8.5		2.0			
20-21	8.5					6.5								10.5				11.0		5.5			
21-22						6.5	9.5				9.0			11.0								2.0	
22-23	6.0						8.0							11.0								5.0	
23-24							6.0						7.5		5.5						1.5		
24-25				10.5											5.5						5.0		
25-26	9.5		10.5										11.0		6.0							1.5	2.0
26-27		8.0						10.0			10.5	9.0			6.5							5.0	
27-28	6.5						10.0							6.5									
28-29			10.0				8.0							7.0							4.5		
29-30							6.5	11.0			9.5			7.5			10.0	7.5					
30-31	10.0	11.0			10.5									7.5				10.0				4.5	

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	RZ	TV	AB	CW	CW	DZ	IR	IS	MM	OR	PV	PV	V364	V364	V375	U	SU	WZ	WZ	XX	DK	DL	DV
	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP
MAX	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	11.7	11.7	8.5	12.2	12.4	11.6
MIN	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	11.3	11.1	9.6	14.2	13.2	12.4
DUR	4	4	4	3	3	4	4	5	5	4	3	3	4	4	5	4	4	3	3	4	4	5	4
TOT																2							
				(S)							(S)		(S)					(S)					
0- 1			5.0	1.5	5.0					6.5					8.0		7.5	2.5	7.5				3.5
1- 2					4.0												5.0	8.5	3.5				7.0
2- 3	5.0			7.0	3.0	7.5												4.5	9.5				11.0
3- 4	9.5			6.0	2.0				10.0		10.5				6.5	1.5			5.5			3.0	
4- 5			7.5	5.0								8.5						6.5	1.5	9.0			
5- 6				4.0		11.0	6.0			6.0	4.5			9.0				2.5	7.5				
6- 7				3.0	6.5	5.5									5.5			8.5	3.5			9.0	
7- 8		10.0		2.0	5.5		7.0	8.0										4.5	9.5				2.5
8- 9	4.0		10.0		4.5									11.0			10.0		5.5				6.5
9-10	9.0	5.5		7.5	3.5	9.0	8.0	4.5							4.0		8.0	6.5	1.5				10.5
10-11				6.5	2.5				9.0	5.5	11.0						5.5	2.5	7.5				
11-12			3.5	5.5	1.5		9.0					8.5						9.0	4.0	9.0	11.0	6.5	
12-13				4.0							5.0		7.5		3.0			5.0	10.0		11.0		
13-14				3.0	7.0	7.0	10.0												6.0		10.5		
14-15	3.5			2.0	6.0													7.0	2.0		10.0		2.0
15-16	8.5		6.0		5.0		11.0			5.5			10.0		1.5			3.0	8.0		10.0		6.0
16-17				4.0	10.5					11.0								9.0	4.0		9.5	4.0	9.5
17-18				6.5	3.0	5.5			8.0		11.0						10.5	5.0			9.0		
18-19		7.0		5.5	2.0			9.5									8.0		6.0	9.5	9.0		
19-20			8.5	4.5							5.0						6.0	7.0	2.0		8.5	10.0	
20-21	3.0			3.5	7.5	8.5	5.5	5.5		5.0							3.5	3.0	8.0		8.0		
21-22	8.0			2.5	6.5					10.5								9.0	4.0		8.0		
22-23			2.0	1.5	5.5		6.5						8.5	10.5				5.5			7.5		5.0
23-24			11.0		4.0														6.5	1.5	7.0		9.0
24-25				7.0	3.0	7.0	7.5				11.0							7.5	2.5		6.5	7.5	
25-26				6.0	2.0				10.5			8.5	10.5	9.0				3.5	8.5	9.5	6.5		
26-27	2.5		4.5	5.0			8.5			10.5	5.0						11.0	9.5	4.5		6.0		
27-28	7.0	8.5		4.0		10.5											8.5	5.5			5.5		
28-29				3.0	6.5		9.5										6.0	1.5	6.5		5.5		
29-30				2.0	5.5			10.5									4.0	7.5	2.5		5.0	5.0	4.5
30-31			7.0		4.5		10.5											3.5	8.5	2.0	4.5		8.5

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	EG	RW	RW	RZ	RZ	SS	SS	CC	CC	U	RW	W	W	RV	RV	V	SW	WW	ZZ	AE	BR	CG	DK
	CEP	COM	COM	COM	COM	COM	COM	COM	COM	CRB	CRB	CRV	CRV	CRV	CRV	CRT	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	9.6	11.0	11.0	10.0	10.0	10.9	10.9	11.0	11.0	7.6	10.1	10.6	10.6	9.0	9.0	9.5	9.3	9.9	10.7	11.8	9.4	11.0	10.3
MIN	10.6	11.6	11.6	10.7	10.7	11.5	11.5	11.9	11.9	8.8	10.6	11.2	11.2	10.0	10.0	10.2	11.8	13.2	12.0	12.8	10.5	11.8	10.8
DUR	3	3	3	3	3	4	4	2	2	5	4	4	4	4	4	4	5	5	4	4	4	3	4
TOT																	2						
			(S)		(S)		(S)		(S)				(S)		(S)			4.5	4.5				
0- 1	8.5	2.0	5.0	4.0	8.0	4.5	9.5		3.5		1.5		4.5					4.5	4.5				
1- 2	10.5		4.0	4.0			5.5	3.0				3.5			2.5	2.0			11.0				
2- 3		5.5	2.5	4.5		6.5			3.0		6.0		3.0	6.0								10.5	
3- 4	2.0	4.0	1.5	5.0		2.0	7.0	3.0				2.5	7.0			4.5			8.0		6.5		
4- 5	4.0	3.0		5.5		8.0	3.0	5.5	2.5	7.5	10.0	6.5	1.5		2.0				11.0			8.0	10.5
5- 6	6.0	2.0	4.5	5.5	1.5	3.5	8.5	2.5	5.0		3.5		5.5	6.0				5.5	10.5				9.0
6- 7	8.5		3.5	6.0	2.0	9.5	4.5	5.0	2.5			5.0							9.5			5.5	8.0
7- 8	10.5	5.0	2.0	6.5	2.5	5.0		2.0	5.0		8.0		4.0		2.0				9.0	6.5			6.5
8- 9		4.0		7.0	3.0		6.0	4.5	2.0			3.5		5.5		2.0			9.0	8.0			
9-10	1.5	2.5	5.5	7.0	3.0	6.5	1.5	2.0	4.5			7.5	2.5							7.5		9.0	
10-11	4.0	1.5	4.5	7.5	3.5	2.5	7.5	4.5	1.5		5.5	2.0	6.5		1.5	5.0		3.5	6.0	6.5			
11-12	6.0		3.0	8.0	4.0	8.0	3.5	1.5	4.0	5.0		6.0		5.5						6.0	6.5	6.5	
12-13	8.0	4.5	2.0		4.5	4.0	9.0	4.0			10.0		5.0				3.0		3.5				10.5
13-14	10.0	3.5			4.5	10.0	5.0		4.0		3.5	4.5			1.5			11.0	9.5				9.5
14-15		2.0	5.0		5.0	5.5		3.5					4.0	5.0								10.5	8.0
15-16	1.5		4.0		5.5	1.5	6.5		3.5		7.5	3.0			7.0	2.5			6.5		6.5		6.5
16-17	3.5	5.5	2.5	1.5	5.5	7.0	2.0	3.5				7.0	2.5									7.5	
17-18	5.5	4.5	1.5	2.0	6.0	3.0	8.0		3.0			1.5	6.5	4.5		5.5			4.0				
18-19	8.0	3.0		2.5	6.5	8.5	3.5	3.0		2.5	5.5	5.5			7.0				10.0			5.0	
19-20	10.0	2.0	4.5	3.0	7.0	4.5	9.5		3.0				5.0								6.0		
20-21			3.5	3.0	7.0		5.0	2.5	5.5		9.5	4.0		4.5					7.5				10.5
21-22		5.0	2.5	3.5	7.5	6.0		5.0	2.5		3.0		3.5		6.5		6.5					9.0	9.5
22-23	3.5	4.0		4.0	8.0	2.0	7.0	2.5	5.0			2.5	7.5			3.0			4.5				8.0
23-24	5.5	2.5	5.5	4.5		7.5	2.5	5.0	2.0		7.5	6.5	2.0	4.0				10.0	11.0		6.0	6.5	6.5
24-25	7.5	1.5	4.5	4.5		3.5	8.5	2.0	4.5				6.0		6.5	6.0							
25-26	10.0		3.0	5.0		9.0	4.0	4.5	2.0			5.0							8.0				
26-27		5.0	2.0	5.5		5.0		1.5	4.5		5.0		4.5	4.0								10.0	
27-28		3.5		6.0	1.5		5.5	4.0	1.5			4.0			6.0				5.5		6.0		
28-29	3.0	2.5	5.0	6.0	2.0	6.5	1.5		4.0		9.5		3.0									7.5	11.0
29-30	5.0		4.0	6.5	2.5	2.0	7.0	4.0			3.0	2.5	7.0	3.5		3.5							9.5
30-31	7.5	5.5	3.0	7.0	3.0	8.0	3.0		3.5			6.5	1.5		6.0		10.0		9.0			5.0	8.0

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	KV	V346	V387	V388	V456	V466	V466	V477	V477	V704	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI	RW	AF
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA	GEM	GEM
MAX	11.5	11.8	11.5	9.7	10.8	10.8	10.8	8.3	8.3	13.8	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2	9.6	10.2
MIN	12.6	13.6	12.3	10.3	11.9	11.6	11.6	9.2	8.7	14.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2	11.6	11.3
DUR	5	5	3	3	3	4	4	4	4	4	7	5	4	4	3	4	3	5	5	5	4	5	4
TOT											2							1				1	
							(S)		(S)												(S)		
0- 1			9.5				8.5						5.5	8.5	9.5	10.5							
1- 2				8.0						6.5									6.0	4.5			2.0
2- 3			8.0	5.0	10.0	10.5				10.0						2.0	8.5			9.0			
3- 4					7.5			11.0					9.5	9.5		2.5	4.5						
4- 5			6.0		4.5									6.5	11.0	7.0							
5- 6						5.5				6.5						9.5	4.0						
6- 7										10.0									3.5				1.5
7- 8	7.5		11.0	8.5			7.5						9.0	9.5	4.0						4.5		
8- 9				5.0												3.5					9.0		
9-10		6.0	9.0			9.5				6.5			8.0			6.0		10.0					
10-11					10.5					10.0		11.0				8.5							
11-12			7.0		8.0				4.5					8.0	7.5	6.0	11.0						
12-13					5.0	4.5					7.5												
13-14			5.0	9.0						6.5		8.0				2.5						4.0	
14-15				5.5			6.5			9.5					11.0	5.0			7.5	9.0			
15-16								4.5					7.0	7.0		7.5	7.5						
16-17			10.0			8.5										10.0	9.5					2.5	
17-18										6.0													
18-19			8.0		11.0		10.5		5.5	9.5					9.0	1.5							
19-20				9.0	8.5								6.5		9.5	4.0	5.0	4.5			4.0		
20-21		5.0	6.5	6.0	5.5											6.5					9.0		
21-22							5.5			6.0						9.0							
22-23								5.5		9.5			10.5	10.5	6.5	2.5			11.0				
23-24						7.5								5.5	11.0								
24-25	8.0															3.0				2.0			
25-26			9.5	9.5			9.5		6.5	6.0					10.0	5.5					4.0		
26-27				6.0						9.5				9.5		4.5	8.0					8.5	
27-28	4.5		7.5		9.0											10.5				8.5			
28-29		10.5			6.0		4.5						9.5										
29-30			5.5					6.5		6.0					8.0	2.0							
30-31						6.5				9.0				9.0		6.0	4.5	10.5					

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	SZ	TU	UX	CC	CT	AV	DF	DF	DI	DK	SW	SW	VX	CM	CO	CO	Y	UU	UV	VZ	SS	DELT	RY
	HER	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	LAC	LAC	LAC	LAC	LAC	LAC	LEO	LEO	LEO	LEO	LIB	LIB	LYN
MAX	10.2	10.6	8.9	9.5	9.9	10.2	11.0	11.0	11.0	10.5	9.2	9.2	10.9	8.5	10.5	10.5	9.5	11.4	9.5	10.6	10.4	4.8	11.9
MIN	12.0	13.4	9.8	12.8	11.2	10.6	11.5	11.5	12.0	11.0	10.0	10.0	12.3	9.5	11.0	11.0	12.7	12.7	10.2	11.7	11.3	5.9	13.3
DUR	4	5	5	4	4	4	4	4	4	4	3	3	4	4	5	5	5	4	3	4	6	7	4
TOT		1																					
								(S)				(S)				(S)							
0- 1				8.0		1.5	1.5																3.5
1- 2	11.0				10.5		1.5			2.0				10.0	10.5		4.0		3.0			4.5	
2- 3	6.5		7.0	2.0		2.5				3.0						4.5							
3- 4	2.5				5.0			5.0		4.0								1.5		2.0			
4- 5						4.0		5.0	3.0		7.0								3.0	4.5	8.5		
5- 6		5.5	9.5					4.5								6.5							
6- 7	9.0					5.0		4.5					5.5				5.5						
7- 8	4.5			6.5				4.5											3.0		5.5		
8- 9								4.0				7.0										4.0	
9-10								4.0															
10-11	11.0				8.5			3.5					8.0										4.5
11-12	6.5							3.5					10.0			10.5	6.5						
12-13	2.0				3.5			3.5	3.0		7.5				6.0								
13-14			3.5					3.0		2.0									3.5	3.0			1.5
14-15		7.5		5.0				3.0		3.0				6.0							10.0		
15-16	9.0					2.5		2.5		4.0					8.0						2.0	3.5	
16-17	4.5		6.0					2.5				7.5								3.0	4.0		
17-18						3.5		2.5				6.5		11.0							6.0	7.0	
18-19								2.0							10.0				4.5				
19-20	11.0		8.0	10.0	7.0	4.5		2.0														3.0	
20-21	6.5							1.5	2.5		7.5											4.0	6.0
21-22	2.0	2.5		3.5	2.0			1.5			7.0												
22-23			10.5											6.5		6.0							3.5
23-24		9.0						5.0		4.5							2.0	5.5					2.5
24-25	8.5							5.0					7.5										
25-26	4.5							4.5		2.0		7.0	9.0			8.0							3.0
26-27				8.5	10.5			4.5		3.0			11.0										
27-28								4.5		4.0													
28-29	11.0			2.0	5.5	2.0		4.0		2.5						10.0	3.5	6.5	3.0		1.5	8.5	
29-30	6.5							4.0			7.0				5.0						6.0		3.0
30-31	2.0	4.0	4.5			3.0		4.0						7.0								5.5	7.0

	VV	XZ	ZZ	RU	VV	AG	AH	AH	AK	AW	AW	AZ	AZ	BH	Z	AW	AX	AY	BE	BO	BS	BT	BU	
	UMA	UMA	UMA	UMI	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	
MAX	10.1	10.1	9.8	10.7	11.7	8.8	9.7	9.7	10.0	10.8	10.8	11.0	11.0	9.9	7.4	10.8	11.0	11.0	9.9	10.4	11.0	11.8	10.6	
MIN	11.0	11.7	11.2	11.4	13.5	9.4	10.2	10.2	11.5	11.9	11.9	11.8	11.8	11.3	9.2	11.9	12.5	12.9	11.4	13.3	11.5	12.5	11.4	
DUR	3	3	4	4	4	4	4	4	4	3	3	3	3	4	6	5	5	4	5	4	3	3	3	
TOT																								
								(S)		(S)		(S)												
0- 1				8.5	3.0		5.0			6.5	2.5	4.0	8.0		5.0		11.0				5.0	7.0	8.0	
1- 2	4.5			9.5		8.0		5.5		8.0	4.0	5.0				9.0		8.0				10.5		
2- 3				10.5	8.5		6.0				5.5	6.0	2.0											
3- 4	6.0				6.0	6.0	1.5	6.5		2.5	7.0	7.5	3.0	6.5										
4- 5		5.0			3.0		7.0	2.0	5.5	4.0	8.5		4.5	2.0									7.5	
5- 6	7.5		5.5	1.5		4.5	2.5	7.5		5.5	1.5		5.5			9.5		6.5		11.0			11.0	
6- 7				3.0	9.0		7.5	3.0		7.0	3.0	2.5	6.5			5.0						9.5		
7- 8	9.0			4.0	6.0	2.5	3.5	8.0			4.5	3.5	8.0	8.5								8.5		
8- 9				5.5	3.5		8.5	3.5		1.5	6.0	5.0		4.0				9.0				7.5	7.0	7.5
9-10		2.0		6.5			4.0			3.0	7.5	6.0	2.0			10.5						6.0	10.5	10.5
10-11	3.0	7.5		7.5	9.0	8.0		4.5	5.0	4.5		7.0	3.0			5.5						5.0		
11-12				9.0	6.5		5.0			6.0	2.0		4.0											
12-13	4.5		3.0	10.0	4.0	6.0		5.5		7.5	3.5		5.5	6.0									7.0	
13-14					1.5		6.0				5.0	2.5	6.5	1.5		11.0		9.5					10.0	
14-15	6.0		10.0		9.5	4.5	1.5	6.5		2.0	6.5	3.5	7.5			6.5								
15-16		5.0			7.0		7.0	2.0		3.5	8.0	4.5											10.5	
16-17	7.5			2.0	4.5	2.5	2.5	7.5	4.0	5.0		6.0	1.5	8.0								9.5	6.5	6.5
17-18				3.5	1.5		8.0	3.0	9.0	6.5	2.5	7.0	3.0	3.5	9.5							8.5	10.0	10.0
18-19	9.0			4.5			3.5	8.5		8.0	4.0	8.0	4.0			7.5		5.5				7.0		
19-20				6.0	7.5	8.0	8.5	4.0			5.5		5.0						5.5			6.0		
20-21		2.0		7.0	4.5		4.5			2.5	6.5	2.0	6.5									5.0	6.0	
21-22	3.0	7.5	7.5	8.0	2.0	6.0		4.5		4.0	8.0	3.5	7.5	5.5									9.5	
22-23				9.5			5.0		3.5	5.5		4.5			7.5	8.0			8.0					
23-24	4.5			10.5	7.5	4.5		5.5	8.0	7.0	2.5	5.5	1.5											
24-25					5.0		6.0			8.5	4.0	7.0	2.5										6.5	5.5
25-26	6.0				2.5	2.5	1.5	6.5		1.5	5.5	8.0	4.0	7.5				11.0	10.5		10.5	10.0	9.0	
26-27		5.0		1.5			7.0	2.0		3.0	7.0		5.0	3.5		9.0						9.5		
27-28	7.5			3.0	8.0		2.5	7.5		4.5		2.0	6.0		5.5					10.0		8.5		
28-29			5.0	4.0	5.5	7.5	8.0	3.0	2.5	6.0	1.5	3.0	7.5									7.0	5.0	
29-30	9.0			5.0	3.0		3.5	8.5	7.0	7.5	3.0	4.5		10.0						8.5	6.0		8.5	
30-31				6.5		6.0	9.0	4.0			4.5	5.5	1.5	5.5		9.5		7.0				5.0		

	CD
	VUL
MAX	11.5
MIN	12.6
DUR	4
TOT	
0- 1	5.0
1- 2	
2- 3	6.5
3- 4	
4- 5	7.5
5- 6	
6- 7	8.5
7- 8	
8- 9	10.0
9-10	
10-11	
11-12	
12-13	
13-14	5.0
14-15	
15-16	6.0
16-17	
17-18	7.5
18-19	
19-20	8.5
20-21	
21-22	10.0
22-23	
23-24	11.0
24-25	
25-26	
26-27	
27-28	
28-29	6.0
29-30	
30-31	7.0

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	RT	TW	UU	WZ	XZ	AB	AD	BD	BX	DS	RY	CX	CZ	XZ	OO	OO	V342	V343	V346	SS	SS	WW	AP
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	ARI	ARI	AUR	AUR
MAX	9.3	8.8	11.2	11.6	10.0	9.3	11.1	11.3	8.6	10.8	8.8	10.7	10.3	9.3	9.2	9.2	9.0	10.6	9.0	10.1	10.1	5.7	10.9
MIN	10.2	11.0	14.1	12.6	13.0	10.2	11.6	11.7	9.5	11.4	10.1	12.0	11.2	11.2	10.1	10.1	12.5	12.3	10.4	11.1	11.1	6.4	11.4
DUR	3	11	8	4	3	3	4	3	4	4	5	3	3	7	3	3	7	4	4	3	3	5	4
TOT		2															3						
							(S)								(S)					(S)	(S)		
0- 1			9.5	9.5							9.0	9.5			8.0		6.0						
1- 2	7.5														8.5	8.5							
2- 3								10.5			8.0				8.5								
3- 4	4.5		8.5					8.5	8.5						9.0								
4- 5	11.0							7.0			7.5	6.5			3.0	9.0							
5- 6								5.0				9.5	10.0		3.5	9.5							
6- 7	8.0		8.0						9.5	7.5	6.5				4.0	10.0							
7- 8				8.0		8.0				8.0				7.0	4.0	10.0			4.0	8.5			
8- 9	5.5					8.0		11.0		8.0	5.5				4.5	10.5	3.0		6.5		9.0		
9-10			7.5	10.5		7.5		9.0	10.5	8.5		7.0		10.5	5.0	11.0			9.0	9.0			
10-11						7.5		7.5		8.5		9.5			5.0						9.5		
11-12	9.0					7.5		5.5		9.0			11.0		5.5			7.5					
12-13						7.5	11.0	3.5		9.0					6.0								
13-14	6.0					7.0	10.5			9.5					6.0			4.0					3.0
14-15			7.0	9.0		7.0	10.0		8.0	9.5		7.0			6.5								
15-16	3.5					7.0	10.0	9.5		10.0		9.5			6.5								
16-17	9.5		9.5			7.0	9.5	7.5		10.0					7.0								
17-18						7.0	9.0	6.0	9.0	10.5					7.5								3.0
18-19	7.0			10.5		6.5	9.0	4.0		10.5			8.5		7.5		7.5		5.5				
19-20						6.5	8.5			11.0		7.0			8.0				8.0				
20-21	4.5					6.5	8.0		10.5			9.5			8.5			10.5					
21-22	10.5					6.5	8.0	10.0							8.5						8.5		2.5
22-23						6.5	7.5	8.0					6.5	9.0			9.5			9.0			
23-24	8.0			8.5		6.0	7.0	6.5							9.5	3.5					9.5		
24-25						6.0	7.0	4.5			7.0	9.5	10.0		9.5	3.5		5.5		9.5			
25-26	5.0		10.5			6.0	6.5				10.0				10.0	4.0							2.0
26-27						6.0	6.0								10.5	4.0							
27-28						6.0	6.0	10.5							10.5	4.5						2.0	
28-29	8.5	7.5				5.5	5.5	8.5	8.5						5.0			4.5					
29-30						5.5	5.0	7.0				7.0			5.0			7.0					2.0

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	AP	TU	TU	TY	TY	TZ	TZ	ZZ	Y	SV	AL	CD	CD	AK	RW	TY	RZ	TV	AB	CW	CW	DZ	IR	
	AUR	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMI	CAP	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	
MAX	10.9	11.7	11.7	11.8	11.8	10.6	10.6	6.8	10.6	8.6	10.5	11.6	11.6	10.1	9.8	10.5	6.4	7.3	10.2	11.8	11.8	11.6	10.8	
MIN	11.4	12.7	12.7	12.3	12.3	11.1	11.1	7.6	12.4	9.4	11.3	11.8	11.8	11.5	10.8	11.6	7.8	8.4	12.2	12.5	12.5	12.3	12.1	
DUR	4	3	3	3	3	3	3	5	6	3	5	5	5	4	5	4	4	4	4	3	3	4	4	
TOT	(S)		(S)		(S)		(S)	(S)					(S)								(S)			
0- 1			4.0	7.5	3.5	4.0				6.5	5.0		10.5							7.5	3.5	8.5		
1- 2		7.5	3.5	6.5	2.5		5.0			11.0			4.5				2.0			6.5	2.5	3.5		
2- 3		6.5	3.0	5.0		5.5	2.0		7.5		8.0						6.5			5.5			3.5	
3- 4		6.0	2.0	4.0		3.0	6.5			5.5	2.5				10.0				9.5	4.0				
4- 5		5.5		3.0	6.5		4.0			10.0	4.5		6.0		7.5					3.0	7.0	6.5	4.5	
5- 6		4.5			5.5	5.0						9.5					10.0			2.0	6.0			
6- 7		4.0			4.5	2.5	6.0	9.0		4.5	4.0				6.5				3.0		5.0		5.5	
7- 8		3.5	7.5	7.0	3.0	7.0	3.5			9.0			7.5					5.5			4.0	10.0		
8- 9		2.5	6.5	6.0	2.0	4.5					4.0	11.0					6.0			6.5	3.0	5.0	6.5	
9-10		2.0	6.0	4.5		1.5	5.5			4.0		5.0					10.5			5.5	2.0			
10-11			5.5	3.5	7.0	6.5	2.5			8.5			8.5							5.5	4.5		7.5	
11-12	3.5		4.5	2.5	6.0	3.5		9.0					3.0								3.5	7.5	8.0	
12-13			4.0		5.0		4.5		5.5	3.0	4.0	6.5									2.5	6.5	8.5	
13-14		7.5	3.5	7.5	3.5	5.5	2.0			7.5			10.0		9.5							5.5		
14-15		6.5	2.5	6.5	2.5	3.0	6.5						4.5				5.5		7.5		4.0		9.5	
15-16	3.0	6.0	2.0	5.0			4.0			2.0	8.0						10.0			7.0	3.0	6.5		
16-17		5.5		4.0		5.0		8.5		6.5	3.5	2.5			5.5		7.0			6.0	2.0		10.5	
17-18		4.5		3.0	6.5	2.5	6.0						6.0								5.0		3.0	
18-19		4.0			5.5	7.0	3.5						9.5						10.0	4.0		9.5		
19-20	2.5	3.5	7.5		4.5	4.0				6.0	3.5										3.0	6.5	4.5	4.0
20-21		2.5	6.5	7.0	3.0		5.0			10.5	3.0		7.0				5.0				2.0	5.5		
21-22		2.0	6.0	6.0	2.0	6.0	2.5	8.5				10.5		6.5			9.5		3.5			4.5	5.0	
22-23			5.5	4.5		3.5	7.0		3.5	5.0		5.0									7.5	3.5	8.0	
23-24	2.5		4.5	3.5	7.5		4.5			9.5			8.5		8.5						6.5	2.5	6.0	
24-25			4.0	2.5	6.0	5.5	2.0				3.0		3.0								5.5			
25-26		7.0	3.5		5.0	3.0	6.5		11.0	4.0	10.5	6.5		2.0				8.5	6.0	4.5			7.0	
26-27		6.5	2.5		4.0		4.0	8.5		8.5			10.0				4.5				3.0	7.0	6.0	
27-28	2.0	6.0	2.0	6.5	2.5	5.0							4.0				9.0	4.0		2.0	6.0		8.0	
28-29		5.5		5.5		2.0	6.0			3.5	2.5	7.5										5.0		
29-30		4.5		4.0		6.5	3.0			8.0	10.5	2.0							8.5		4.0	9.5	9.0	

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	IS	IV	MM	OR	PV	PV	V364	V364	V375	U	SU	WZ	WZ	XX	DK	DL	DV	EG	SS	RW	RW	RZ	RZ
	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CET	COM	COM	COM	COM
MAX	11.6	11.2	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	11.7	11.7	8.5	12.2	12.4	11.6	9.6	9.4	11.0	11.0	10.0	10.0
MIN	12.6	12.5	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	11.3	11.1	9.6	14.2	13.2	12.4	10.6	13.0	11.6	11.6	10.7	10.7
DUR	5	5	5	4	3	3	4	4	5	4	4	3	3	4	4	5	4	3	5	3	3	3	3
TOT										2									2				
						(S)		(S)					(S)								(S)		(S)
0- 1	7.0		5.5	10.0	11.0				6.5			9.5	4.5		4.5		9.5			4.5		7.5	3.0
1- 2			9.0			8.5	9.0					5.5		10.0	4.0					3.0		7.5	3.5
2- 3	3.0				5.0							1.5	7.0		3.5					2.0	5.0		4.0
3- 4						2.5			5.5			8.0	3.0		3.5	2.5		3.0			3.5		4.5
4- 5				3.5								4.0	9.0		3.0			5.0		5.0	2.5		4.5
5- 6				9.5			5.5				9.0	10.0	5.0		2.5		4.0	7.0		4.0			5.0
6- 7								4.0			6.5	6.0		2.0	2.5	8.5	7.5	9.5		3.0	5.5		5.5
7- 8											4.0	2.0	7.0		2.0						4.5	1.5	6.0
8- 9			8.0			8.5		8.0			2.0	8.0	3.0	10.0					10.5		3.0	2.0	6.0
9-10				3.0	5.0				2.5	11.0		4.0	9.0					2.5		5.0	2.0	2.5	6.5
10-11				9.0		2.5							5.0					5.0		3.5		3.0	7.0
11-12	8.0						10.0					6.0			6.0		7.0			2.5	5.5	3.0	7.5
12-13												2.0	7.0				3.0	9.0			4.0	3.5	7.5
13-14	4.0											8.0	3.0	2.5			7.0			5.5	3.0	4.0	
14-15										10.5	9.0	4.5	9.5				11.0			4.5		4.5	
15-16			7.0	8.5		8.5	6.5				7.0		5.5	10.5				2.5		3.5		4.5	
16-17			10.5		5.0						4.5	6.5				3.5		4.5		2.0	5.0	5.0	
17-18						2.5					2.0	2.5	7.5					6.5			3.5	5.5	
18-19							8.5					8.5	3.5					9.0		5.5	2.5	6.0	2.0
19-20								10.5	10.0			4.5	9.5			9.5	2.5			4.0		6.0	2.0
20-21				8.5									5.5	2.5			6.5			3.0		6.5	2.5
21-22							10.5					6.5					10.0	2.0			4.5	7.0	3.0
22-23	9.0		5.5			9.0			9.0			2.5	7.5	11.0				4.5			3.5	7.5	3.5
23-24			9.5		5.0						9.5	8.5	3.5					6.5		5.0	2.0	7.5	3.5
24-25	5.5					3.0				10.0	7.0	4.5	9.5			7.0		8.5		3.5			4.0
25-26				8.0				7.0	7.5		5.0		6.0					11.0		2.5	5.5		4.5
26-27											2.5	7.0	2.0				1.5				4.0		5.0
27-28												3.0	8.0	3.0			5.5	2.0			3.0		5.0
28-29								9.0	6.5			9.0	4.0				9.5	4.0		4.5			5.5
29-30		11.0				9.0				9.5		5.0	10.0			4.5		6.5		3.5		2.0	6.0

	SS	SS	CC	CC	U	RW	W	W	RV	RV	V	SW	WW	ZZ	AE	BR	CG	DK	KV	V346	V387	V388	V456
	COM	COM	COM	COM	CRB	CRB	CRV	CRV	CRV	CRV	CRT	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	10.9	10.9	11.0	11.0	7.6	10.1	10.6	10.6	9.0	9.0	9.5	9.3	9.9	10.7	11.8	9.4	11.0	10.3	11.5	11.8	11.5	9.7	10.8
MIN	11.5	11.5	11.9	11.9	8.8	10.6	11.2	11.2	10.0	10.0	10.2	11.8	13.2	12.0	12.8	10.5	11.8	10.8	12.6	13.6	12.3	10.3	11.9
DUR	4	4	2	2	5	4	4	4	4	4	4	5	5	4	4	4	3	4	5	5	3	3	3
TOT												2											
		(S)		(S)				(S)		(S)													
0- 1	4.0		3.5			7.0										6.0		6.5		4.5	3.5	10.0	
1- 2		4.5		3.5			5.0		3.5					6.0				5.0			10.5	6.5	
2- 3	5.5		3.0					4.0					9.0				8.5	3.5				3.0	
3- 4		6.0		3.0		5.0	3.5							3.5							8.5		
4- 5	7.0	2.0	3.0		9.0			2.5	3.0					9.5		6.0	6.0						9.5
5- 6	2.5	7.5	5.0	2.5		9.5	2.0			5.5	4.0				10.5			11.0			6.5		6.5
6- 7		3.5	2.5	5.0		2.5								7.0	10.0			3.5	9.5			10.0	4.0
7- 8	4.0		5.0	2.5				5.0	3.0						9.0		10.0	8.0			5.0	6.5	
8- 9		5.0	2.0	4.5		7.0	4.5			5.0				4.0	8.5	6.0		6.5		10.0		3.5	
9-10	6.0		4.5	2.0				4.0						10.0	7.5		7.5	5.0			3.0		
10-11		6.5	2.0	4.5			3.0		2.5		2.0				7.0			4.0	9.0		9.5		
11-12	7.5	2.5	4.0		6.5	5.0		2.5		5.0					7.5	6.0		5.0			4.0		
12-13	3.0			4.0									8.0		5.5	6.0					8.0	10.5	10.0
13-14		4.0	4.0			9.0			2.5			3.5		4.5	4.5			11.0	5.0			7.0	7.0
14-15	4.5			3.5		2.5		5.0		4.5				11.0	4.0		8.5	9.5			6.0	3.5	4.5
15-16		5.5	3.5				4.0							2.0				8.0					2.0
16-17	6.0			3.5		7.0		3.5	2.0					8.0		6.0	6.0	6.5			4.0		
17-18	2.0	7.0	3.0				2.5			4.5	2.5							5.0			11.0		
18-19	7.5	3.0		3.0	4.5			2.0							5.5		3.5	4.0				11.0	
19-20	3.5		3.0			4.5			2.0								9.5			9.5	9.0	7.5	
20-21		4.5		3.0			5.0			4.0					2.5		6.0					4.0	10.5
21-22	5.0		2.5	5.0		9.0		4.5							9.0		7.0	11.0			7.0		7.5
22-23		6.0	5.0	2.5		2.5	4.0					7.0	6.5					9.5		3.5			5.0
23-24	6.5		2.5	5.0				3.0		4.0					6.0		4.5	8.0			5.0		2.5
24-25	2.5	7.5	4.5	2.0		6.5	2.5				3.0					5.5	11.0	6.5					
25-26		3.0	2.0	4.5	2.0										3.5			5.5			3.5	7.5	
26-27	4.0		4.5	2.0		11.0				3.5					9.5		8.5	4.0			10.0	4.5	
27-28		4.5		4.0		4.5	5.0												10.0				
28-29	5.5		4.0					4.0						7.0		5.5	5.5				8.0		11.0
29-30		6.5		4.0		8.5	3.5			3.5								11.0					8.0

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	V466	V466	V477	V477	V704	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI	SZ	TU	UX	CC	CT	AV	DF
	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA	HER	HER	HER	HER	HER	HYA	HYA
MAX	10.8	10.8	8.3	8.3	13.8	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2	10.2	10.6	8.9	9.5	9.9	10.2	11.0
MIN	11.6	11.6	9.2	8.7	14.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2	12.0	13.4	9.8	12.8	11.2	10.6	11.5
DUR	4	4	4	4	4	7	5	4	4	3	4	3	5	5	5	4	4	5	5	4	4	4	4
TOT						2							1					1					
		(S)		(S)											(S)								
0- 1									4.0			7.0				4.0							
1- 2		8.5		7.5								9.0		6.0		8.5	10.5						
2- 3					5.5		10.0			6.0			5.5				8.5		6.5	7.0			3.0
3- 4	10.5				9.0			8.5	8.0		8.0						4.5						3.0
4- 5		3.5										3.5									9.0		3.0
5- 6			7.5			8.0	7.0			9.0		6.0							9.0				2.5
6- 7	5.5				5.5							8.0			3.0	3.5	11.0				4.0		2.5
7- 8					9.0				7.0		9.5	10.5				8.5	6.5						2.0
8- 9		7.5		8.5			4.0										2.0	6.0					2.0
9-10								7.5		7.0		2.5			9.5					5.5			2.0
10-11	9.5				5.5						2.5	5.0											
11-12		2.5			9.0				6.5			7.0					8.5						
12-13			8.5							10.5		9.5				3.5	4.5						3.0
13-14	4.5									5.0						8.0			3.0		7.5		
14-15					5.5			10.5		4.5				7.0						10.5			
15-16		6.5		9.5	9.0		6.5	5.5			4.0						11.0				2.0		
16-17										8.5		6.0	6.5				6.5		5.0	4.0			
17-18	8.5										8.5						2.0	7.5					
18-19					5.0				9.5		6.0					3.5							
19-20		11.0	9.5		8.5				5.0				2.0		4.5	8.0			7.5				
20-21	3.5			2.5						6.0		3.0					8.5				11.0		
21-22							5.5				5.0						4.5			8.5			
22-23		5.5		10.5	5.0		10.0	9.0		8.0	7.5			10.5					10.0		5.5		
23-24					8.5			4.0	9.5		10.0									2.5			
24-25	7.5		2.0													3.0	11.0	2.5					
25-26							9.5				1.5					8.0	6.5					2.5	
26-27		10.0	10.5		5.0			8.0		9.5	4.0						2.0	9.0					
27-28	2.5			3.5	8.5			4.5		7.5		6.5		8.0								3.5	
28-29							6.5	9.0				9.0								7.0			
29-30		4.5				9.0					3.0						8.5				9.0		

	1010	U	U	TY	AQ	BB	BB	BX	DI	GP	Z	RT	ST	XZ	BETA	Y	U	V505	1968	AO	CC	CC	V	
	OPH	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PSC	SGE	SGR	SGR	SER	SER	SER	TRI	
MAX	6.2	9.7	9.7	10.5	10.3	10.6	10.6	10.9	9.6	10.2	9.9	10.6	9.7	10.6	2.2	9.0	6.4	6.4	12.3	10.6	11.1	11.1	10.9	
MIN	7.0	10.5	10.5	12.6	13.0	11.2	11.2	11.5	10.8	11.0	12.4	12.0	13.2	12.7	3.5	12.0	9.1	7.6	13.3	12.1	11.7	11.7	11.9	
DUR	4	3	3	6	12	3	3	3	2	4	6	4	5	4	8	7	6	5	4	4	4	4	4	
TOT					4						2		1				2							
			(S)				(S)															(S)		
0- 1		8.5					6.5	6.5			7.5										6.5		10.5	
1- 2	9.0		7.0				8.5			10.5								8.0	6.0	10.5	7.5			
2- 3						6.5		5.5		10.0									9.0	8.0	8.0	2.0		
3- 4	8.5	8.5				8.5			7.5	9.5	9.0									5.0	9.0	3.0	9.0	
4- 5			7.0				6.0	4.5		8.5		9.0								2.0	9.5	3.5		
5- 6	8.0						8.0			11.0	8.0									4.5		4.5		
6- 7		8.5				6.0				7.5	10.5									7.5		5.0		
7- 8	8.0		7.0			8.0		6.5		7.0								6.0	10.5			6.0		
8- 9				8.0		5.5		7.0	6.5								9.0	10.0				6.5		
9-10	7.5	8.5				7.5	6.0	6.0						9.5						8.5		7.5		
10-11									10.5	5.0										6.0	5.5	2.0	8.0	9.5
11-12	7.0					7.0		5.0												9.0	3.0	2.5	9.0	
12-13		8.5																			3.5	9.5		
13-14	6.5						7.0	4.0	6.5												4.5			
14-15																7.5		8.0	5.0		5.0			
15-16	6.5	8.5				6.5			10.0		10.0						3.5		8.0		6.0			
16-17								6.0						11.0						11.0	9.5	6.5		
17-18	6.0					6.5														6.5	7.5		10.0	
18-19		8.0				8.5	5.0													3.5	3.5	8.0	2.0	
19-20	5.5			10.5	6.0															6.5		9.0	2.5	
20-21					8.0		4.5	9.5										6.0	9.5		9.5	3.5	8.0	
21-22	5.0	8.0	7.0		6.0						8.5							10.5				4.0		
22-23					8.0																	5.0		
23-24	5.0				5.5		6.5												5.0	10.5		6.0		
24-25		8.0	9.0		7.5														8.0	7.5		6.5	10.5	
25-26	4.5				5.5	5.5	9.0										7.0			4.5		7.5		
26-27					7.5						11.0											2.0	8.0	
27-28	4.0	8.0					4.5											8.5	3.5		2.5	9.0	8.5	
28-29					7.0							10.5								7.0	3.5	9.5		
29-30	3.5															9.0			10.0		4.0			

	X	RV	W	W	TX	TY	TY	UX	VV	XZ	ZZ	RU	VV	AG	AH	AH	AK	AW	AW	AZ	AZ	BH	Z
	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VUL
MAX	8.9	11.4	9.1	9.1	6.8	11.7	11.7	12.7	10.1	10.1	9.8	10.7	11.7	8.8	9.7	9.7	10.0	10.8	10.8	11.0	11.0	9.9	7.4
MIN	12.0	12.5	9.9	9.9	8.9	12.4	12.4	13.8	11.0	11.7	11.2	11.4	13.5	9.4	10.2	10.2	11.5	11.9	11.9	11.8	11.8	11.3	9.2
DUR	4	4	3	3	6	3	3	1	3	3	4	4	4	4	4	4	4	3	3	3	3	4	6
TOT					(S)		(S)										(S)		(S)		(S)		
0- 1			4.0	8.0		2.5	6.5	3.0		2.0		7.5			4.5			2.0	6.0	6.5	2.5		
1- 2			4.0	8.0		4.0	8.0	7.5	3.0			9.0	6.0	4.5		5.0		3.5	7.5	8.0	3.5		3.0
2- 3		10.5	4.0			5.5		2.5			10.0	3.0			5.5			5.0			5.0		
3- 4			4.0			7.0	2.5	6.5	4.0					2.5		5.5	2.0	6.5	2.0	2.0	6.0	7.5	
4- 5			4.0			8.5	4.0				2.5				6.0		6.5		3.5	3.0	7.5	3.0	
5- 6		10.5	4.0				5.5	6.0	5.5				6.0			6.5			5.0	4.0			
6- 7	10.5		4.0			3.0	7.0			5.0	10.0	2.0	3.5			2.0		2.5	6.5	5.5			
7- 8	10.0		4.0			4.5		5.0	7.0			3.5			2.5			4.0		6.5	2.5		
8- 9	9.5		4.0			6.0	1.5	9.5				4.5		6.0		3.0		5.5		8.0	3.5	5.0	
9-10	8.5		4.0			7.5	3.5	4.0				5.5	6.5		3.5			6.5	2.5		4.5		
10-11			4.0				5.0	8.5				7.0	4.0	4.0		4.0	5.5		4.0		6.0		
11-12			4.0			2.0	6.5	3.5		2.0		8.0			4.5				5.5	3.0	7.0		
12-13			4.0			3.5	8.0	7.5	2.5			9.5		2.5		5.0		2.5	7.0	4.0		7.0	
13-14			4.0			5.0		2.5			7.5	10.5	7.0		5.5			4.0		5.0		2.5	9.5
14-15			4.0			6.5	2.5	7.0	4.0				4.5			6.0		5.5		6.5	2.0		
15-16			4.0			8.0	4.0	2.0							6.0			7.0	3.0	7.5	3.5		
16-17			4.0				5.5	6.0	5.5						2.0	6.5	5.0		4.5		4.5		
17-18			4.0			2.5	7.0			5.0		2.5	7.0	6.0		2.5			6.0		6.0	4.5	
18-19			4.5			4.5		5.5	7.0			4.0	4.5		2.5			3.0	7.5	2.5	7.0		7.5
19-20			4.5			6.0						5.0	2.0	4.0		3.0		4.5		4.0			
20-21			4.5			7.5	3.0	4.5			5.0	6.5			3.5			6.0	2.0	5.0			
21-22			4.5				4.5	9.0				7.5		2.5		4.0		7.5	3.5	6.5	2.0	6.5	
22-23			4.5		2.0	2.0	6.0	3.5		2.5		8.5	5.0		4.5		4.0		5.0	7.5	3.0	2.5	
23-24			4.5			3.5	7.5	8.0	2.5			10.0	2.5			5.0		2.0	6.5		4.5		5.5
24-25			4.5			5.0		3.0							5.5			3.5			5.5		
25-26			4.5		3.5	6.5	2.0	7.0	4.0							6.0		5.0		2.5	7.0		
26-27			4.5			8.0	3.5	2.0					5.5	6.0	6.5			6.5	2.5	3.5	8.0	4.5	
27-28			4.5				5.0	6.5	5.5		2.5	2.0	3.0		2.0	7.0			4.0	5.0			
28-29			4.5		5.0	2.5	7.0			5.0		3.5		4.0		2.5	3.5		5.5	6.0	2.0		3.0
29-30			4.5			4.0	8.5	5.5	7.0			9.5	4.5			3.0		2.5	7.0	7.5	3.0		

	AW	AX	AY	BE	BO	BS	BT	BU	CD
	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	10.8	11.0	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	11.9	12.5	12.9	11.4	13.3	11.5	12.5	11.4	12.6
DUR	5	5	4	5	4	3	3	3	4
TOT									
0- 1	5.0				7.5	3.5	2.5		
1- 2						2.5	6.0	5.0	8.5
2- 3				5.0	6.0		9.5	8.0	
3- 4	10.5								9.5
4- 5	5.5				5.0	10.5			
5- 6				7.5		9.5		4.5	11.0
6- 7					3.5	8.0		7.5	3.0
7- 8						7.0			
8- 9	6.5			10.0		6.0			4.5
9-10						4.5	6.0	4.0	
10-11						3.5	9.0	7.5	5.5
11-12			8.5			2.5		10.5	
12-13	7.5								7.0
13-14								3.5	
14-15						10.5		7.0	8.0
15-16						9.0		10.0	
16-17	8.0		4.0	4.0		8.0			9.5
17-18	3.5					7.0	5.5	3.0	
18-19						5.5	9.0	6.5	10.5
19-20				6.5		4.5		10.0	3.0
20-21	9.0					3.5			
21-22	4.0					2.5			4.0
22-23				9.0				6.0	
23-24			10.0					9.5	5.5
24-25	9.5	3.0				10.0			
25-26	5.0					9.0	5.5		6.5
26-27		3.5				8.0	8.5	5.5	
27-28						7.0		9.0	8.0
28-29	10.5	4.0	5.5			5.5			
29-30	5.5					4.5			9.0

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	RT	TW	UU	WZ	XZ	AB	AB	AD	AD	BD	BX	DS	RY	CX	CZ	XZ	OO	OO	V342	V343	V346	SS	SS
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	ARI	ARI
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	8.8	10.7	10.3	9.3	9.2	9.2	9.0	10.6	9.0	10.1	10.1
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	10.1	12.0	11.2	11.2	10.1	10.1	12.5	12.3	10.4	11.1	11.1
DUR	3	11	8	4	3	3	3	4	4	3	4	4	5	3	3	7	3	3	7	4	4	3	3
TOT		2																					
								(S)	(S)			(S)						(S)					(S)
0- 1	6.0			7.0		5.5				5.0	5.0				10.0	10.5		5.5			9.5		7.0
1- 2						5.5				4.5	3.0	10.0				7.0		6.0				7.5	
2- 3	3.0	10.5		9.5		5.5				4.0								6.0					7.5
3- 4	9.5				9.0	5.0				4.0	11.0	6.0		4.5				6.5		11.0		8.0	
4- 5						5.0				3.5	9.0	11.0		7.5				7.0					8.5
5- 6	6.5					5.0				3.0	7.0			10.0				7.0	6.0	7.0		9.0	
6- 7						5.0				3.0	5.5	7.0						7.5					9.0
7- 8	4.0			6.0	10.5	4.5				2.5	3.5				8.0	6.0	2.0	8.0		3.5		9.5	
8- 9	10.0					4.5					2.0			4.5			2.0	8.0					3.0
9-10				8.5		4.5						8.0		7.5		9.0	2.5	8.5					6.0
10-11	7.5					4.5					9.5			10.0			2.5	9.0					8.5
11-12				10.5		4.5					7.5						3.0	9.0					11.0
12-13	4.5					4.0				6.0	9.5						3.5	9.5					
13-14	11.0					4.0				4.0				5.0	9.0		3.5	10.0					7.0
14-15	2.0			5.0	5.5	4.0				2.5				7.5			4.0	10.0				7.0	
15-16	8.0					4.0	8.0					10.5		10.0			4.5	10.5	10.5				7.5
16-17			11.0	7.0		4.0	8.0			10.0		5.5					4.5	11.0		9.0		8.0	
17-18	5.5					3.5	7.5	11.0		8.0	6.5	6.0					5.0	11.0					8.0
18-19				9.5	7.0	3.5	7.5	10.5		6.5		6.0		5.0			5.5			5.0	2.0	8.5	
19-20	2.5		10.5			3.5	7.5	10.5		4.5		6.5		7.5	10.0		5.5				5.0		9.0
20-21	9.0					3.5	7.5	10.0		2.5	8.0	6.5		10.0	6.5		6.0				7.5	9.5	
21-22						3.5	7.5	9.5				7.0					6.5				10.0		9.5
22-23	6.0		10.0		9.0	3.0	7.0	9.5		10.5		7.0				5.0	6.5		5.0				
23-24				6.0		3.0	7.0	9.0		8.5	9.0	7.5		5.0			7.0						
24-25	3.5					3.0	7.0	8.5		6.5		7.5		7.5		8.5	7.5						
25-26	9.5		9.0	8.5		3.0	7.0	8.5		5.0		8.0	10.5	10.5	11.0		7.5						
26-27					10.5	7.0	8.0			3.0	10.0	8.0			7.5		8.0	2.0					6.5
27-28	7.0	4.0		10.5		6.5	7.5			8.5	9.5						8.5	2.0		10.5		7.0	
28-29			8.5			6.5	7.5			10.5	6.0	8.5		5.0			8.5	2.5					7.5
29-30	4.0					6.5	7.0			9.0		9.0	9.0	7.5			9.0	3.0		6.5	3.5	7.5	
30-31	10.5			5.0		6.5	6.5			7.0		9.0		10.5			9.5	3.0					8.0

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	WW	AR	CL	EP	HP	HP	TU	TU	TY	TY	TZ	TZ	ZZ	Y	SV	AL	CD	CD	RW	TY	RZ	TV	AB
	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CAP	CAP	CAS	CAS	CAS
MAX	5.7	6.0	11.7	10.8	10.8	10.8	11.7	11.7	11.8	11.8	10.6	10.6	6.8	10.6	8.6	10.5	11.6	11.6	9.8	10.5	6.4	7.3	10.2
MIN	6.4	6.7	13.2	11.3	11.5	11.5	12.7	12.7	12.3	12.3	11.1	11.1	7.6	12.4	9.4	11.3	11.8	11.8	10.8	11.6	7.8	8.4	12.2
DUR	5	5	4	3	3	3	3	3	3	3	3	3	5	6	3	5	5	5	5	4	4	4	4
TOT																							
		(S)				(S)		(S)		(S)		(S)	(S)					(S)					
0- 1			11.0				4.0		3.0	7.0	4.0							5.5					
1- 2							3.5	7.0	2.0	5.5		5.0			2.5		9.0		11.0				
2- 3							2.5	6.5		4.5	6.0	2.5			7.0	2.0	3.5				4.0		2.0
3- 4							2.0	6.0	7.0	3.5	3.5	7.0				10.0		7.0		7.5	8.5		11.0
4- 5								5.5	6.0	2.0		4.5					10.5					10.0	
5- 6		10.5	10.5					4.5	4.5		5.5	2.0		9.0	6.0		5.0						
6- 7								4.0	3.5	7.5	2.5	6.5			10.5			8.5		4.0		5.5	4.5
7- 8						11.0	7.0	3.5	2.5	6.0		3.5				9.5		2.5					
8- 9	10.5						6.5	2.5		5.0	4.5				5.5		6.0		5.5		3.0		
9-10							6.0	2.0		4.0	2.0	5.5			10.0			9.5			8.0		
10-11			10.0	10.5			5.0		6.5	2.5	6.5	3.0						4.0		10.5			7.0
11-12							4.5		5.5		4.0				4.5	9.0	7.5						
12-13					10.5		4.0		4.0			5.0			9.0		2.0	11.0					
13-14							3.5	7.0	3.0	7.0	6.0	2.5						5.5		6.5			
14-15							2.5	6.5	2.0	5.5	3.5	7.0			3.5		9.0				2.5		9.5
15-16			9.5				2.0	6.0		4.5		4.5		7.0	8.0	9.0	3.0				7.5	7.0	
16-17								5.0	7.0	3.5	5.0							6.5		3.0			
17-18						10.0		4.5	6.0	2.0	2.5	6.0			3.0		10.0					2.5	3.0
18-19								4.0	5.0			3.5			7.5		4.5		10.0				
19-20							7.0	3.5	3.5	7.5	4.5					8.5		8.0					
20-21							6.5	2.5	2.5	6.5	2.0	5.5			2.0			2.5		9.5	2.0		
21-22							6.0	2.0		5.0	6.5	3.0	7.5		6.5		6.0				6.5		5.5
22-23					9.5		5.0			4.0	4.0				11.0			9.5					
23-24			10.5				4.5		6.5	3.0		5.0				8.0		4.0		6.0			
24-25							4.0		5.5		6.0	2.0			5.5		7.5					8.5	
25-26							3.5	7.0	4.5		3.0	6.5		5.0	10.0			11.0	4.5				8.0
26-27							2.5	6.5	3.0	7.0		4.0	7.0					5.0				4.0	
27-28						9.0	2.0	6.0	2.0	5.5	5.0				5.0	8.0	8.5				6.0		
28-29								5.0		4.5	2.5	6.0			9.5		3.0				11.0		
29-30								4.5	7.0	3.5	7.0	3.5						6.5					10.5
30-31								4.0	6.0	2.0	4.5				4.0		10.0			8.5			

	CW	CW	DZ	IR	IS	IV	MM	OR	PV	PV	V364	V364	V375	U	SU	WZ	WZ	XX	DK	DL	DV	EG	RW	
	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	COM	
MAX	11.8	11.8	11.6	10.8	11.6	11.2	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	11.7	11.7	8.5	12.2	12.4	11.6	9.6	11.0	
MIN	12.5	12.5	12.3	12.1	12.6	12.5	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	11.3	11.1	9.6	14.2	13.2	12.4	10.6	11.6	
DUR	3	3	4	4	5	5	5	4	3	3	4	4	5	4	4	3	3	4	4	5	4	3	3	
TOT														2										
		(S)								(S)		(S)					(S)							
0- 1	6.5	3.0	4.5			11.0	8.5	7.5	5.0								6.0				8.5	2.0		
1- 2	5.5	2.0		10.0		11.0				3.0			5.0			7.0	2.0					10.5		
2- 3	4.5			2.5		11.0					6.0				10.0	3.0	8.0		10.5				5.5	
3- 4	3.5	7.5	7.5	11.0	10.5	11.0									7.5	9.0	4.0					2.0	4.0	
4- 5	2.5	6.5	2.5	3.5		11.0							4.0	9.0	5.0	5.0		3.5		2.0	5.0	4.0	3.0	
5- 6		5.5			6.5	10.5		7.0	11.0		8.0				3.0		6.0				9.0	6.0	1.5	
6- 7		4.5	11.0	4.5		10.5	3.5			9.0						7.5	2.0					8.0		
7- 8	7.0	3.0	6.0		2.5	10.5	7.0		5.0				2.5			3.5	8.5		8.0			10.5	5.0	
8- 9	6.0	2.0		5.5		10.5	11.0			3.0	10.0					9.5	4.5						4.0	
9-10	5.0					10.5						4.5		9.0		5.5							2.5	
10-11	4.0		9.0	6.5		10.5		6.5									6.5					3.5		
11-12	3.0	6.5	4.0			10.5									10.0	7.5	2.5	3.5			4.5	6.0		
12-13	2.0	5.5		7.5		10.5						6.5			8.0	3.5	8.5			5.5	8.0	8.0	4.5	
13-14		4.5				10.5				9.0					5.5	9.5	4.5					10.0	3.5	
14-15	7.5	3.5	7.5	8.5		10.5	6.0		5.0					8.5	3.0	5.5							2.0	
15-16	6.5	2.5	2.0			10.5	10.0	6.0		3.0		8.5					6.5							
16-17	5.5			9.5	7.5	10.5										7.5	2.5					3.5	5.5	
17-18	4.5		10.5	2.0		10.5							10.0			3.5	8.5		3.0			5.5	4.5	
18-19	3.5	7.0	5.5	10.5	4.0	10.5						10.5				10.0	5.0	4.0			3.5	8.0	3.0	
19-20	2.0	6.0		3.0		10.0					5.0			8.0		6.0					7.5	10.0	2.0	
20-21		5.0				10.0		6.0		9.0			9.0		10.5	2.0	7.0		11.0	9.0				
21-22		4.0	9.0	4.0		10.0	5.0		5.0						8.0	8.0	3.0		11.0				5.0	
22-23	6.5	3.0	3.5			10.0	8.5			3.0	7.0				6.0	4.0	9.0		10.5			3.5	4.0	
23-24	5.5	2.0		5.0		10.0							7.5		3.5	10.0	5.0		10.0			5.5	2.5	
24-25	4.5					10.0								8.0		6.0			10.0			7.5		
25-26	3.5	7.5	7.0	6.0		10.0		5.5			9.5					2.0	7.0	4.0	9.5	6.5	3.0	9.5		
26-27	2.5	6.5	2.0			10.0						4.0	6.5			8.0	3.0		9.0		7.0		4.5	
27-28		5.5		7.0	9.0	10.0				9.0						4.0	9.0		9.0		10.5		3.5	
28-29		4.5	10.5			10.0	3.5		5.5								5.0		8.5			3.0	2.5	
29-30	7.0	3.5	5.0	8.0	5.0	10.0	7.5			3.0		6.0	5.0	7.5	11.0	6.5			8.0			5.0		
30-31	6.0	2.0				10.0		5.0								8.5	2.5	7.5		7.5	4.0		7.5	5.5

	RW	RZ	RZ	SS	SS	CC	CC	U	RW	W	W	RV	V	SW	WW	ZZ	AE	BR	CG	DK	KV	V346	V387
	COM	COM	COM	COM	COM	COM	COM	CRB	CRB	CRV	CRV	CRV	CRT	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	11.0	10.0	10.0	10.9	10.9	11.0	11.0	7.6	10.1	10.6	10.6	9.0	9.5	9.3	9.9	10.7	11.8	9.4	11.0	10.3	11.5	11.8	11.5
MIN	11.6	10.7	10.7	11.5	11.5	11.9	11.9	8.8	10.6	11.2	11.2	10.0	10.2	11.8	13.2	12.0	12.8	10.5	11.8	10.8	12.6	13.6	12.3
DUR	3	3	3	4	4	2	2	5	4	4	4	4	4	5	5	4	4	4	3	4	5	5	3
TOT														2									
	(S)		(S)		(S)		(S)					(S)	(S)										
0- 1	5.0	2.0			2.0	3.5			2.0		2.5					4.0			3.0	9.5	6.0	9.0	6.5
1- 2	4.0	2.5		3.0		3.5				2.0				10.5		10.0			9.5	8.0			
2- 3	2.5	3.0			3.5	3.5			6.5			3.0			5.5			5.5		6.5			4.5
3- 4		3.5		4.5		3.0										7.5			7.0	5.5	2.0	2.5	
4- 5		3.5			5.0	3.0														4.0			2.5
5- 6	4.5	4.0				3.0			4.0			2.5				4.5			4.5	2.5			9.5
6- 7	3.5	4.5		2.0		2.5				3.0						11.0	11.0	5.5	10.5				
7- 8	2.0	5.0			2.5	5.0	2.5		8.5		2.5					2.0	10.0		2.0	11.0			7.5
8- 9		5.0		3.5		2.5	5.0		2.0			2.5				8.0	9.5		8.0	9.5			
9-10	5.5	5.5			4.0	5.0	2.0										8.5			8.0			5.5
10-11	4.0		2.0	5.0		2.0	4.5		6.0							5.5	8.0	5.5	5.5	7.0			
11-12	3.0		2.0		5.5	4.5	2.0					2.0					7.0			5.5		8.0	3.5
12-13	2.0		2.5			1.5	4.5	8.5							4.5	2.5	6.5		3.0	4.0			10.5
13-14			3.0	2.0		4.0			4.0	3.0			2.0			9.0	6.0		9.5	2.5			2.0
14-15	5.0		3.5		3.0	4.0					2.0	2.0					5.0	5.5			10.5	2.0	8.5
15-16	4.0		3.5	3.5		4.0			8.0					4.0		6.0	4.5		6.5	11.0			
16-17	2.5		4.0		4.5	3.5											3.5			9.5			6.5
17-18			4.5	5.5		3.5										3.5	3.0		4.0	8.0	6.5		
18-19			5.0			3.5			6.0							9.5	2.0	5.5	10.5	7.0			5.0
19-20	4.5		5.0		2.0	3.0		6.0			3.0									5.5			
20-21	3.5		5.5	2.5		3.0				2.5						7.0			8.0	4.0	3.0		3.0
21-22	2.5	2.0			3.5	3.0			3.5											2.5			9.5
22-23		2.5		4.0		2.5									3.5	4.0		5.5	5.5			7.5	
23-24	5.5	2.5			5.0	2.5	5.0		8.0							10.5				11.0			8.0
24-25	4.5	3.0		5.5		5.0	2.5							7.5					3.0	9.5			
25-26	3.0	3.5				2.0	5.0								11.0	7.5			9.0	8.5			6.0
26-27	2.0	4.0			2.5	4.5	2.0	4.0	5.5		3.0							5.5		7.0			
27-28		4.0		3.0		2.0	4.5			2.0						5.0			6.5	5.5			4.0
28-29	5.0	4.5			4.0	4.5	1.5									11.0				4.0			11.0
29-30	4.0	5.0		4.5		4.0			3.5							2.0			4.0	2.5			2.0
30-31	2.5	5.0			5.5	4.0										8.0		5.0	10.5				9.0

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	V388	V456	V466	V466	V477	V477	V704	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI	SZ	TU	UX	CC	CT
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA	HER	HER	HER	HER	HER
MAX	9.7	10.8	10.8	10.8	8.3	8.3	13.8	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2	10.2	10.6	8.9	9.5	9.9
MIN	10.3	11.9	11.6	11.6	9.2	8.7	14.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2	12.0	13.4	9.8	12.8	11.2
DUR	3	3	4	4	4	4	4	7	5	4	4	3	4	3	5	5	5	4	4	5	5	4	4
TOT								2							1						1		
				(S)		(S)											(S)						
0- 1		5.5					5.0				7.0	10.5			7.5			3.0	4.5		4.0		
1- 2	8.0	3.0	6.5		3.0		8.5		3.0		2.5	5.5		3.0				8.0					4.0
2- 3	4.5																5.5						
3- 4				9.0						3.0			4.5	8.0	2.5				11.0	4.0	6.0		
4- 5						4.5	5.0	4.0		8.0	6.5	8.5		10.5					6.5				
5- 6			11.0				8.0					3.5							2.0	10.5		5.5	
6- 7				3.5										2.0				3.0			8.5		
7- 8	8.5	8.5								10.5			6.0	4.5		3.0		7.5					
8- 9	5.0	6.0	5.5		4.0		4.5				5.5	6.5		7.0					8.5				7.5
9-10		3.5					8.0			2.0				9.5					4.5				
10-11				8.0						6.5							9.0						2.5
11-12					5.0						9.5	10.0	8.0										
12-13			10.0				4.5				4.5	4.5		3.5				3.0	11.0	6.0		4.0	
13-14	8.5			2.5			8.0							6.0				7.5	6.5				
14-15	5.5													8.5	8.0				2.0		2.5		
15-16	2.0	9.0	4.5		5.0						9.0	7.5	9.5	11.0			6.5						
16-17		6.5					4.5			5.5	4.0	2.5											
17-18		4.0		7.0			8.0			10.5				2.5	3.5				8.5		4.5		6.0
18-19					6.0			8.5				11.0	3.0	5.0				2.5	4.0				
19-20	9.0		9.0								8.0	5.5		7.5				7.5				2.5	
20-21	5.5						4.5				3.0			10.0		4.0					7.0		
21-22	2.0			11.0			7.5		5.5										11.0	7.5			
22-23			3.5		6.0		11.0			4.5		9.0	4.5						6.5				
23-24		9.5				9.5				9.0	7.0	3.5		4.0		10.0			2.0		9.5		
24-25		7.0		5.5			4.0		2.5		2.5			6.5				2.5				7.5	
25-26	9.5	4.5				7.0	7.5							9.0				7.5					
26-27	6.0	2.0	8.0				11.0					7.0	6.5						8.5				4.0
27-28	2.5									6.5									4.0				
28-29				10.0			4.0	5.0		3.5				3.0	9.0		7.5				2.5		
29-30			2.5		7.0		7.5			8.0		10.0		5.5									
30-31							11.0				10.5	5.0	8.0	8.0				2.5	11.0	9.0			

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	SW	SW	VX	CM	CO	CO	Y	UV	SS	RY	UZ	EW	FL	U	SX	V508	V839	1010	ET	U	U	TY	AQ	
	LAC	LAC	LAC	LAC	LAC	LAC	LEO	LEO	LIB	LYN	LYR	LYR	LYR	OPH	OPH	OPH	OPH	OPH	ORI	PEG	PEG	PEG	PEG	
MAX	9.2	9.2	10.9	8.5	10.5	10.5	9.5	9.5	10.4	11.9	9.8	11.2	8.7	5.8	10.5	10.1	8.8	6.2	11.2	9.7	9.7	10.5	10.3	
MIN	10.0	10.0	12.3	9.5	11.0	11.0	12.7	10.2	11.3	13.3	11.0	13.6	9.5	6.5	11.2	10.7	9.4	7.0	12.4	10.5	10.5	12.6	13.0	
DUR	3	3	4	4	5	5	5	3	6	4	5	5	4	5	5	3	3	4	5	3	3	6	12	
TOT																							4	
		(S)				(S)																(S)		
0- 1		5.0						3.5			10.0					8.0	6.5			8.0				
1- 2		4.0		9.5		8.0									2.0		2.0	3.5				6.5		
2- 3	7.0	3.5			3.0						7.5											5.0		
3- 4	6.0							3.5						6.5	3.5	2.0	3.5	3.0				8.0		
4- 5	5.5		3.0			10.0					5.0					3.0	8.5					6.5		
5- 6	4.5		5.0		5.0				4.5			2.5			5.0	4.0	4.5	2.5				5.0		
6- 7	3.5	7.5	7.0	5.0				3.5			2.5					4.5						8.0		
7- 8	2.5	6.5	8.5										7.0		7.0	5.5	5.5	2.0					6.5	
8- 9		5.5	10.5		7.5									7.0		6.5						5.0		
9-10		4.5		10.0				3.5					11.0			7.0	6.5	2.0				8.0		
10-11	7.5	3.5									10.5					8.0	2.0					6.5		
11-12	6.5	3.0			9.5												7.5					5.0		
12-13	5.5					3.5		3.5				9.0					3.0					8.0		
13-14	5.0													8.0		2.0	8.5					6.5		
14-15	4.0			5.5								8.0				3.0	4.5							
15-16	3.0	7.0				5.5		3.5	6.0							4.0	10.0					8.0		
16-17		6.0										6.5				4.5	5.5		10.5			6.5		
17-18		5.0		10.5							11.0					5.5							4.0	
18-19		4.0	2.5			7.5		3.5	3.0	2.0		5.5	4.0	8.5		6.5	6.5					8.0		
19-20	7.0	3.0	4.0		2.5						8.0					7.0	2.0					6.5		
20-21	6.0		6.0									4.0	8.5			8.0	7.5	7.5						
21-22	5.0		8.0			9.5	2.0	3.5				5.5					3.0					7.5		
22-23	4.5		9.5	6.0	4.5							3.0					8.5	7.5				6.0	5.0	
23-24	3.5	7.5									3.0					2.0	4.5							
24-25	2.5	6.5														3.0	9.5	7.0				7.5		
25-26		5.5		11.0	6.5									1.5		4.0	5.5					6.0	7.5	
26-27		4.5														4.5		6.5						
27-28	7.5	3.5														5.5	6.5					7.5		
28-29	6.5	2.5			8.5				4.5	3.0						6.0	2.0	6.0				6.0	9.5	6.5
29-30	5.5					2.5										7.0	7.5							
30-31	4.5			6.5										2.5		8.0	3.0	5.5				7.5		

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	BB	BB	BX	DI	GP	Z	RT	RV	ST	XZ	BETA	Y	U	V505	1968	AO	CC	CC	RW	RZ	TY	WY	V
	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PSC	SGE	SGR	SGR	SER	SER	SER	TAU	TAU	TAU	TAU	TRI
MAX	10.6	10.6	10.9	9.6	10.2	9.9	10.6	10.3	9.7	10.6	2.2	9.0	6.4	6.4	12.3	10.6	11.1	11.1	8.0	10.5	11.5	11.5	10.9
MIN	11.2	11.2	11.5	10.8	11.0	12.4	12.0	12.7	13.2	12.7	3.5	12.0	9.1	7.6	13.3	12.1	11.7	11.7	12.5	11.2	12.0	11.7	11.9
DUR	3	3	3	2	4	6	4	8	5	4	8	7	6	5	4	4	4	4	4	3	2	4	4
TOT						2			1				2						1				
		(S)																(S)					
0- 1		6.5	6.5	8.5													5.0						7.0
1- 2	4.5		2.5												2.5	8.0	5.5						11.0
2- 3	6.5		5.5				9.5			10.5					5.5	5.5	6.5		9.5			11.0	
3- 4	8.5	4.0		5.0										6.5	8.5	2.5	7.5						
4- 5		6.0	5.0											10.5			8.0	2.0					9.0
5- 6	4.0	8.0		8.5								10.5						2.5					
6- 7	6.0		4.0						9.0						4.0			3.5					
7- 8	8.0	3.5													7.0			4.0					7.5
8- 9		5.5	3.0	4.5			8.0											5.0					
9-10	3.5	7.5	6.0					11.0		8.0	9.5			4.0		6.0		5.5					
10-11	5.5		2.0	8.0	11.0									8.5	2.5	3.5		6.5			10.0		
11-12	7.5		5.0		10.5				10.5						5.5			7.0					9.5
12-13		5.0			10.0								4.5		8.5		2.0	8.0		10.0			
13-14		7.0	4.0		9.5		10.5	9.5									2.5						
14-15	5.0				8.5		7.0		7.5			10.5					3.5						8.0
15-16	7.0		3.0	7.5	8.0				9.0						4.5		4.0						
16-17		4.5	6.0		7.5									6.5	7.5	7.0	5.0						
17-18		6.5	2.5	10.5	7.0				8.5		9.5			11.0		4.0	5.5		9.5				6.0
18-19	4.0	8.5	5.5		6.5							5.0					6.5						10.0
19-20	6.0				6.0		9.0								3.0		7.0						
20-21	8.0	4.0	4.5	7.0	5.0										6.0		8.0	2.0					
21-22		6.0			4.5										9.0			2.5					8.5
22-23	3.5	8.0	3.5	10.5	4.0	6.5							8.0	4.5			3.5						
23-24	5.5		6.5		3.5									9.0		8.0		4.0					
24-25	7.5	3.5	2.5							7.5					4.5	5.0	5.0			10.5			6.5
25-26		5.5	5.5	6.5		8.0	8.0			11.0					7.5	2.0	5.5						11.0
26-27		7.5															6.5						
27-28	5.0		4.5	10.0													7.0						
28-29	7.0					9.0										3.0	2.0	8.0					9.0
29-30		5.0	3.5								11.0		2.0	7.0	6.5		2.5						
30-31		7.0	6.5	6.5			10.0									8.5	3.5						

	X	RV	W	TY	TY	UX	VV	XZ	ZZ	RU	VV	AG	AH	AH	AK	AW	AW	AZ	AZ	BH	Z	AW	AX	
	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VUL	VUL	VUL	
MAX	8.9	11.4	9.1	11.7	11.7	12.7	10.1	10.1	9.8	10.7	11.7	8.8	9.7	9.7	10.0	10.8	10.8	11.0	11.0	9.9	7.4	10.8	11.0	
MIN	12.0	12.5	9.9	12.4	12.4	13.8	11.0	11.7	11.2	11.4	13.5	9.4	10.2	10.2	11.5	11.9	11.9	11.8	11.8	11.3	9.2	11.9	12.5	
DUR	4	4	3	3	3	1	3	3	4	4	4	4	4	4	4	3	3	3	3	4	6	5	5	
TOT					(S)								(S)		(S)		(S)		(S)					
0- 1		7.5	4.5	5.5						5.5		2.5		3.0		4.0				4.5			5.0	
1- 2			4.5	7.0	3.0	5.0				7.0	3.0		3.5			5.5			5.5	2.0				
2- 3			4.5		4.5					8.0				4.0			2.5	2.5				11.0	5.5	
3- 4		8.0	4.5		6.0	4.0		2.5		9.5			4.5				4.0	3.5				6.5		
4- 5			4.5	3.0	7.5	8.5	2.5			10.5					2.5			5.0				2.0	6.0	
5- 6			4.5	4.5		3.5					3.5					3.0		6.0	1.5	4.0				
6- 7		8.5	4.5	6.0	2.0	7.5	4.0		7.0							4.5				3.0			6.5	
7- 8			4.5	8.0	3.5	2.5						4.0								4.0			7.5	
8- 9			4.5		5.0	7.0	5.5			2.5			2.0				3.0			5.5			2.5	7.0
9-10		8.5	4.5	2.5	6.5					4.0	4.0	2.0		2.5			4.5	2.0						
10-11	10.5		4.5	4.0	8.0	6.0				5.0			3.0		2.0	2.0		3.5			10.0		8.0	
11-12	10.0		5.0	5.5						6.0				3.5		3.5		4.5					8.0	
12-13	9.5	9.0	5.0	7.0	2.5	5.0				7.5			4.0			5.0		6.0					3.5	8.5
13-14	8.5		5.0		4.0				5.0	8.5	4.5			4.0			2.0		3.0					
14-15	8.0		5.0		5.5	4.5		2.5		10.0			4.5				3.5		4.0	3.5				9.0
15-16	7.5	9.5	5.0	3.0	7.0	8.5	2.5			11.0							5.0		5.0		7.5	9.0		
16-17	6.5		5.0	4.5		3.5						4.0				2.5		2.0					4.0	9.5
17-18			5.0	6.0	2.0	8.0	4.0				4.5					4.0		3.5						
18-19		10.0	5.0	7.5	3.5	3.0				2.0	2.0	2.0				5.5		4.5		5.5				10.0
19-20			5.0		5.0	7.0	5.5			3.0			2.0				2.5	5.5						9.5
20-21			5.0	2.0	6.5	2.0			2.5	4.5				2.5			4.0		2.5		5.5	5.0	11.0	
21-22		10.0	5.0	3.5	8.0	6.5				5.5	5.0		3.0				5.5		4.0					
22-23			5.0	5.0					9.5	7.0	2.5			3.5		3.0			5.0					
23-24			5.0	6.5	2.5	5.5				8.0			4.0		5.0	4.0		2.0		3.5			10.5	
24-25		10.5	5.0	8.0	4.0					9.0				4.5				3.0					5.5	
25-26			5.0		5.5	4.5		2.5		10.5	5.5	4.0	4.5				3.0	4.5			3.5			
26-27			5.0	3.0	7.0	9.0	2.5				3.0						4.5	5.5						
27-28		11.0	5.0	4.5		4.0						2.0							2.5	5.5			11.0	
28-29			5.0	6.0		8.0	4.0									3.0			3.5				6.5	
29-30			5.0	7.5	3.0	3.0			7.0	2.5					4.0	4.5			5.0				2.0	
30-31			5.0		4.5	7.5	5.5			4.0	3.0		2.0				2.0	2.0	6.0					

	AY	BE	BO	BS	BT	BU	CD
	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	12.9	11.4	13.3	11.5	12.5	11.4	12.6
DUR	4	5	4	3	3	3	4
TOT							
0- 1		3.5		3.5		5.5	
1- 2			10.5	2.0		8.5	10.5
2- 3							3.0
3- 4		6.0	9.5		5.0		
4- 5				10.0	8.5	5.0	4.0
5- 6			8.0	9.0		8.0	
6- 7		8.5		8.0			5.0
7- 8			7.0	6.5			
8- 9				5.5		4.5	6.5
9-10		11.0	5.5	4.5		8.0	
10-11	7.0			3.0		11.0	7.5
11-12			4.0	2.0	4.5		
12-13					8.0	4.0	9.0
13-14			3.0			7.5	
14-15		2.5		10.0		10.5	10.0
15-16	3.0			9.0			2.5
16-17				7.5		3.5	
17-18		5.0		6.5		7.0	4.0
18-19				5.5		10.5	
19-20				4.5	4.5		5.0
20-21		7.5		3.0	8.0	3.0	
21-22				2.0		6.5	6.0
22-23	8.5					10.0	
23-24		10.0		11.0			7.5
24-25				10.0		3.0	
25-26				9.0		6.0	8.5
26-27				7.5		9.5	
27-28	4.5			6.5	4.0		10.0
28-29		2.0		5.5	7.5	2.5	2.5
29-30				4.0	11.0	5.5	
30-31				3.0		9.0	3.5

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	RT	TW	UU	WZ	XZ	AB	AB	AD	AD	BD	BX	DS	DS	RY	CX	CZ	XZ	OO	OO	V342	V343	V346	SS
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	ARI
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	8.8	10.7	10.3	9.3	9.2	9.2	9.0	10.6	9.0	10.1
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	10.1	12.0	11.2	11.2	10.1	10.1	12.5	12.3	10.4	11.1
DUR	3	11	8	4	3	3	3	4	4	3	4	4	4	5	3	3	7	3	3	7	4	4	3
TOT		2																			3		
							(S)		(S)				(S)					(S)					
0- 1	1.5	7.0	8.0			2.5	6.0	6.5		5.5	7.5		9.5	8.0			9.5	3.5			3.0	9.0	8.5
1- 2	7.5			7.0		2.0	6.0	6.0		3.5			9.5		2.5	8.5		10.0	4.0	9.0			
2- 3					5.5	2.0	6.0	5.5		2.0			10.0	7.0	5.0	5.0		10.0	4.0				9.0
3- 4	5.0		7.0	9.5		2.0	6.0	5.5			8.5		10.0		8.0				4.5				4.5
4- 5	11.0	10.0				2.0	6.0	5.0		9.5			10.5	6.5	10.5				5.0				
5- 6	2.0			11.5		1.5	5.5	5.0		7.5	4.5		10.5						5.0				5.5
6- 7	8.5		6.5	4.0	7.0	1.5	5.5	4.5		6.0	9.5		11.0	5.5	2.5		4.5		5.5				6.0
7- 8						1.5	5.5	4.0		4.0			11.0		5.0	9.5			6.0				6.0
8- 9	5.5			6.0		1.5	5.5	4.0		2.0	5.5		11.5	5.0	8.0	6.0	8.0		6.0	4.0		2.5	
9-10			6.0			1.5	5.5	3.5			11.0				10.5				6.5		8.5	5.5	6.5
10-11	3.0			8.5	9.0		5.0	3.0		10.0				4.0					7.0			8.0	
11-12	9.0					5.0	3.0			8.0	7.0				2.5				7.0		4.5	10.5	7.5
12-13			5.0	10.5		5.0	2.5			6.0				3.0	5.5			1.5	7.5				
13-14	6.5			3.0		5.0	2.0			4.5					8.0	10.5		1.5	7.5				8.0
14-15					10.5	5.0	2.0			2.5	8.0			2.5	10.5	7.0		2.0	8.0				
15-16	3.5		4.5	5.0		4.5	1.5											2.5	8.5				9.0
16-17	10.0					4.5				10.0	4.0				2.5			2.5	8.5				
17-18				7.0	4.0	4.5				8.5	9.5				5.5			3.0	9.0				9.5
18-19	7.0		4.0			4.5				6.5					8.0			3.5	9.5	8.0		1.5	5.0
19-20				9.5		4.5				5.0	5.0				11.0	11.5		3.5	9.5			4.0	
20-21	4.5					4.0				3.0	10.5					8.0		4.0	10.0		10.0	7.0	6.0
21-22	10.5		3.0	11.5	5.5		4.0		11.5	1.5					3.0	5.0	4.0	4.5				9.5	
22-23	1.5			4.0		8.0	4.0		11.0	10.5	6.5				5.5			4.5			6.0		6.5
23-24	8.0					8.0	4.0		10.5	9.0					8.0		7.5	5.0					
24-25				6.0		7.5	3.5		10.5	7.0					11.0			5.0			2.5		7.0
25-26	5.0				7.5	7.5	3.5		10.0	5.5	7.5	3.5						5.5		3.0			
26-27	11.5			8.5		7.5	3.5		9.5	3.5		4.0			3.0	9.0		6.0					8.0
27-28	2.5					7.5	3.5		9.5	1.5	3.5	4.0			5.5	5.5		6.0					
28-29	8.5			10.5		7.5	3.5		9.0	11.0	9.0	4.5			8.5			6.5					8.5
29-30		4.0		3.0	9.0	7.0	3.0		8.5	9.5		4.5			11.0			7.0				3.0	
30-31	6.0					7.0	3.0		8.5	7.5	5.0	5.0						7.0				6.0	9.5

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	SS	WW	WW	AP	AP	AR	AR	CL	EP	HP	HP	TU	TU	TY	TY	TZ	TZ	Y	SV	AL	CD	CD	XZ
	ARI	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMI
MAX	10.1	5.7	5.7	10.9	10.9	6.0	6.0	11.7	10.8	10.8	10.8	11.7	11.7	11.8	11.8	10.6	10.6	10.6	8.6	10.5	11.6	11.6	9.7
MIN	11.1	6.4	6.4	11.4	11.4	6.7	6.7	13.2	11.3	11.5	11.5	12.7	12.7	12.3	12.3	11.1	11.1	12.4	9.4	11.3	11.8	11.8	10.2
DUR	3	5	5	4	4	5	5	4	3	3	3	3	3	3	3	3	3	6	3	5	5	5	3
TOT	(S)		(S)		(S)		(S)			(S)		(S)		(S)		(S)						(S)	
0- 1												3.0	5.0			2.0	5.5		8.5	7.5	4.5		
1- 2	8.5		10.5		9.5	7.5				8.5			2.5	3.5		6.5	3.0						8.0
2- 3									11.5				2.0	2.5	6.5	3.5			3.0		11.5	2.0	
3- 4	9.5			9.0			9.0					5.0	1.5	1.5	5.0		4.5		7.5		5.5		
4- 5	5.0							7.0				4.5			4.0	5.5	2.0	3.0	7.0				9.0
5- 6						10.5			10.5			4.0		6.5	3.0	3.0	6.5		2.5				3.5
6- 7	5.5									8.0		3.0		5.5	1.5		4.0		7.0			7.0	
7- 8												2.5		4.5		5.0	1.5	10.5	11.5		1.5	10.5	
8- 9	6.5								9.5	11.0		2.0		3.0		2.5	6.0		1.5	6.5			5.0
9-10													5.0	2.0	6.0	7.0	3.5		6.0		8.5		11.5
10-11	7.0											4.5		4.5	4.5				10.5		3.0		
11-12									8.0	7.5		4.0		3.5	1.5	5.5							6.5
12-13	8.0											3.0	6.0	2.5	6.0	2.5			5.0	6.5	10.0		
13-14										10.5		2.5	5.0		3.5				9.5		4.0		
14-15	8.5											2.0	4.0				4.5						7.5
15-16									11.5		5.0		2.5	6.5	5.5	2.0			4.5		11.0	2.0	
16-17	9.0		11.5							7.0	4.5		1.5	5.5	3.0	6.5			9.0	6.0	5.5		
17-18	4.5										4.0			4.0	4.0	4.0	8.5						9.0
18-19				11.5					10.5	10.0		3.0		6.5	3.0	5.0	1.5		3.5				3.5
19-20	5.5											2.5		5.5	2.0	2.0	6.0		8.0		7.0		
20-21		9.0		11.0				11.5				2.0		4.5		7.0	3.0			5.5		10.5	11.5
21-22	6.0								9.5			5.0	3.0		4.0				2.5				4.5
22-23					11.0							4.5	2.0	6.0	1.5	5.0			7.0		8.0		
23-24	7.0									9.5		4.0		4.5	6.0	2.5					2.5		
24-25			10.5						8.5			3.0		3.5	3.5	7.0			2.0	5.5		6.0	
25-26	7.5	10.0						11.0				2.5	6.0	2.5		4.5			6.5		9.5		
26-27					10.5							2.0	5.0		5.5	2.0			11.0		4.0		
27-28	8.5										5.0		4.0		3.0	6.5	6.5						7.5
28-29			10.5							9.0		4.5		2.5	6.5		4.0		5.5	5.0	11.0	2.0	
29-30	9.0											4.0		1.5	5.5	4.5			10.0		5.5		
30-31	4.5	11.5			10.0			10.5				3.0			4.0	2.0	5.5						9.0

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	AK	RW	TY	RZ	TV	AB	CW	CW	DZ	IR	IS	IV	MM	OR	PV	PV	V364	V364	V375	U	SU	WZ	WZ
	CMI	CAP	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP
MAX	10.1	9.8	10.5	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.2	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	11.7	11.7
MIN	11.5	10.8	11.6	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	12.5	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	11.3	11.1
DUR	4	5	4	4	4	4	3	3	4	4	5	5	5	4	3	3	4	4	5	4	4	3	3
TOT																				2			
									(S)							(S)		(S)					(S)
0- 1							5.0			9.0		10.0		11.0							6.0	8.5	3.5
1- 2						4.0	4.0		8.5			10.0						8.0	4.0		4.0	4.5	9.5
2- 3			5.0	5.5	10.0		3.0	6.5	3.5	10.0		9.5			11.5		2.5				1.5		5.5
3- 4				10.5			2.0	5.5		2.5		9.5				9.0				7.5		6.5	1.5
4- 5		9.0			5.5		4.5		11.0		9.5	2.5	4.5	5.5			10.0	2.5				2.5	7.5
5- 6			1.5			6.5	7.5	3.5	7.0	3.5		9.5	6.0	10.5		3.0	4.5					8.5	3.5
6- 7							6.5	2.5	1.5			9.5	10.0									4.5	9.5
7- 8							5.5	1.5		4.5	10.0	9.5									11.0		5.5
8- 9				5.0			4.5		10.0			9.5					6.5			7.0	9.0	6.5	1.5
9-10			8.0	9.5		8.5	3.5	7.0	5.0	5.5	6.0	9.5		4.0	11.5						6.5	2.5	8.0
10-11	11.5						2.0	6.0				9.5		10.0		9.0					4.0	9.0	4.0
11-12		3.5						5.0		6.5	2.5	9.5			5.5		8.5		11.5		2.0	5.0	10.0
12-13			4.0			2.5		4.0	8.5			9.5	5.0			3.0		3.0					6.0
13-14					7.0	11.0	7.0	3.0	3.0	7.5		9.5	9.0							6.5		7.0	2.0
14-15				4.5			5.5	2.0				9.5		3.5			10.5		10.0			3.0	8.0
15-16				9.0	2.5		4.5			8.5		9.5		9.5				5.5				9.0	4.0
16-17						5.0	3.5	7.5	6.5			9.0			11.5							5.0	
17-18							2.5	6.5	1.5	9.5		9.0				9.0			9.0		9.0		6.0
18-19							1.5	5.5		1.5	11.0	9.0			5.5			7.5		6.5	7.0	7.0	2.0
19-20			7.0					4.5	10.0	10.5		9.0	4.0	3.5		3.0	2.0				4.5	3.0	8.0
20-21				4.0		7.0	7.0	3.5	4.5	2.5	7.5	9.0	7.5	9.0							2.0	9.0	4.0
21-22		8.0		8.5			6.0	2.0		11.5		9.0	11.5					9.5					5.5
22-23			3.0		8.5		5.0			3.5	3.5	9.0					4.0					1.5	6.5
23-24							4.0		8.0			9.0			11.5				6.0	6.0		7.5	2.5
24-25					4.5	9.5	3.0	7.0	3.0	4.5		9.0		3.0		9.0		11.5				3.5	8.5
25-26							2.0	5.5				9.0		9.0	5.5		6.0					9.5	4.5
26-27				3.5			4.5	11.5	5.5			9.0	2.5			3.0			5.0		9.5	5.5	
27-28				8.0		3.0	7.5	3.5	6.0			9.0	6.5								7.0	1.5	6.5
28-29		3.0					6.5	2.5		6.5		9.0	10.5				8.0			5.5	5.0	7.5	2.5
29-30			6.0				5.5	1.5				9.0		2.5			2.5	3.5			2.5	3.5	8.5
30-31							4.5		9.5	7.5		8.5		8.5	11.5							9.5	4.5

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	CG	DK	KV	V346	V387	V388	V456	V466	V466	V477	V477	V704	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA
MAX	11.0	10.3	11.5	11.8	11.5	9.7	10.8	10.8	10.8	8.3	8.3	13.8	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2
MIN	11.8	10.8	12.6	13.6	12.3	10.3	11.9	11.6	11.6	9.2	8.7	14.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2
DUR	3	4	5	5	3	3	3	4	4	4	4	4	7	5	4	4	3	4	3	5	5	5	4
TOT													2							1			
									(S)		(S)											(S)	
0- 1	1.5	11.0	11.5			9.5	10.0		4.5						5.5			10.5	4.5			7.0	
1- 2	7.5	9.5			7.0	6.0	7.5				8.0	4.0											
2- 3		8.5		7.0		3.0	5.0	7.0				7.5					8.0	2.0		5.0			
3- 4	5.0	7.0	7.5		5.0		2.5					10.5			2.5	9.5	3.0	10.0	4.5				
4- 5	11.5	5.5							9.0						7.0	4.5			7.0				
5- 6	2.5	4.0			3.5		1.5			8.0		4.0							9.5		11.0		2.0
6- 7	9.0	2.5	3.5		10.0	10.0		11.0				7.0					6.0	3.0					7.0
7- 8		1.5			1.5	6.5			3.5			10.5	11.0		9.0			11.5				2.5	
8- 9	6.5	11.0			8.0	3.0	10.5				9.0				4.0				3.5				
9-10		10.0					8.0	6.0				3.5			1.5		9.0		6.0				
10-11	4.0	8.5			6.0		5.5					7.0		8.0	6.0		4.0	4.5	8.5			8.5	
11-12	10.0	7.0					3.0		8.0			10.5			10.5	8.0			11.0	9.5			2.0
12-13		5.5			4.5	10.0				9.0						3.0							7.0
13-14	7.5	4.0		6.5	11.0	7.0		10.0			2.0	3.5		5.0			7.0		2.5				
14-15		2.5			2.5	3.5			2.5			7.0					2.0	6.5	5.0	5.0			
15-16	5.0	1.5			9.0					10.0	10.5					7.0			7.5		6.0		
16-17	11.0	11.0					11.0	5.0					10.0	1.5	5.0	2.5	10.5		9.5				
17-18	2.5	10.0			7.5		8.5			1.5		3.5			9.5		5.0						2.0
18-19	8.5	8.5				10.5	6.0		7.0			7.0						8.0	1.5				6.5
19-20		7.0			5.5	7.0	3.5			10.0		10.0				6.5			4.0				
20-21	6.0	5.5	8.5			4.0		9.0			3.0					1.5	8.5		6.5			3.5	
21-22		4.0			3.5				1.5			3.5	5.5				3.0	1.5	8.5				
22-23	3.5	3.0			10.5				11.0		11.0	6.5			4.0	10.5		10.0	11.0				
23-24	10.0	1.5	4.5		1.5			4.0				10.0			8.5	5.5						9.5	2.0
24-25		11.5		5.5	8.5	11.0				2.5							6.5		3.0				6.5
25-26	7.5	10.0				7.5	9.0		6.0			3.0						3.0	5.5	10.5			
26-27		8.5			6.5	4.0	6.5			11.0		6.5			9.5				7.5				
27-28	4.5	7.0				4.0	8.0				4.0	10.0			4.5	9.5		10.0					
28-29	11.0	5.5			4.5									3.0		4.5	9.5			6.0	7.0		
29-30	2.0	4.0			11.5				10.0			3.0			7.5			5.0	2.0				1.5
30-31	8.5	3.0			3.0	11.0		3.0				6.5		10.0		9.0			4.5				6.5

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	RU	RW	U	SX	V508	V839	1010	ER	ER	ET	FL	FT	FZ	FZ	GU	GU	U	U	TY	AQ	BB	BB	BX
	MON	MON	OPH	OPH	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	PEG	PEG	PEG	PEG	PEG	PEG	PEG
MAX	10.6	9.1	5.8	10.5	10.1	8.8	6.2	9.5	9.5	11.2	10.5	9.1	10.7	10.7	12.6	12.6	9.7	9.7	10.5	10.3	10.6	10.6	10.9
MIN	11.3	11.9	6.5	11.2	10.7	9.4	7.0	10.2	10.2	12.4	13.2	9.7	11.3	11.3	13.5	13.5	10.5	10.5	12.6	13.0	11.2	11.2	11.5
DUR	5	5	5	5	3	3	4	3	3	5	3	4	3	3	4	4	3	3	6	12	3	3	3
TOT		1																		4			
	(S)							(S)					(S)		(S)		(S)					(S)	
0- 1								9.5					9.5		9.5						4.5		3.0
1- 2						4.0	5.5										4.5				6.5	2.0	6.0
2- 3					2.0								9.5				7.5	3.0			8.5	4.0	2.0
3- 4				2.5	3.0	5.5	5.0							9.5		11.0		6.0			2.0	6.5	5.0
4- 5			3.5		3.5			10.0	11.0				9.5			9.5	4.5				4.0	8.5	
5- 6				4.0	4.5	6.5	4.5			10.0				9.5			7.5	3.0			6.0	1.5	4.0
6- 7					5.5	2.0				8.5	10.5		9.5					6.0			8.0	3.5	
7- 8				5.5	6.0	7.5	4.0							9.5	11.0		4.5				1.5	5.5	3.0
8- 9					7.0	3.0						9.5		9.5		9.5	7.5	3.0		9.0	3.5	7.5	6.0
9-10			4.0		8.0	8.5	4.0							9.5				6.0			5.5		2.0
10-11						4.0							9.5				4.5	9.0			7.5	3.0	5.0
11-12							3.5	10.0						9.5		11.0	7.5	3.0				5.0	1.5
12-13					2.0	5.5							9.5			9.5		6.0			3.0	7.0	4.0
13-14					3.0		3.0							9.5			4.5	9.0			5.0		
14-15			5.0		3.5	6.5							9.5				7.5	3.0			7.0	2.5	3.5
15-16					4.5	2.0	2.5							9.5	11.0			6.0				4.5	6.5
16-17					5.5	7.5						9.5		9.5			4.5	9.0			2.5	6.5	2.5
17-18					6.0	3.0	2.5							9.5			7.5	3.0			4.5	8.5	5.5
18-19					7.0	8.5		9.5				9.5						6.0			6.5	2.0	1.5
19-20	11.0	11.0	5.5		8.0	4.0	2.0							9.5		11.0	4.5	9.0		11.0	8.5	4.0	4.5
20-21											9.5		9.5			9.5	7.5				1.5	6.0	
21-22						5.0	1.5							9.5				6.0			3.5	8.0	3.5
22-23					2.0			10.0					9.5				4.5	9.0	3.0		6.0	1.5	6.5
23-24					3.0	6.5				11.5				9.5	11.0		7.5				8.0	3.5	2.5
24-25			6.5		3.5	2.0				10.5		9.5	9.5		9.5			6.0				5.5	5.5
25-26					4.5	7.5				9.0				9.5			4.0	8.5	5.5		3.0	7.5	2.0
26-27					5.5	3.0						9.5					7.0				5.0		4.5
27-28					6.0	8.5							9.5		11.0			5.5			7.0	3.0	
28-29					7.0	4.0						9.5			9.5	4.0	8.5	7.5				5.0	4.0
29-30			7.0		8.0			9.5					9.5				7.0				2.5	7.0	
30-31						5.0							9.5					5.5			4.5		3.0

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	DI	GP	Z	RT	ST	XZ	BETA	Y	U	V505	1968	AO	CC	CC	RW	RZ	TY	WY	AC	AM	EQ	EQ	V
	PEG	PEG	PER	PER	PER	PER	PER	PSC	SGE	SGR	SGR	SER	SER	SER	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TRI
MAX	9.6	10.2	9.9	10.6	9.7	10.6	2.2	9.0	6.4	6.4	12.3	10.6	11.1	11.1	8.0	10.5	11.5	11.5	10.5	10.4	10.3	10.3	10.9
MIN	10.8	11.0	12.4	12.0	13.2	12.7	3.5	12.0	9.1	7.6	13.3	12.1	11.7	11.7	12.5	11.2	12.0	11.7	12.3	12.3	11.0	11.0	11.9
DUR	2	4	6	4	5	4	8	7	6	5	4	4	4	4	4	3	2	4	6	5	3	3	4
TOT			2		1				2						1								
															(S)							(S)	
0- 1			10.5	6.5		5.0						6.0	4.0										7.0
1- 2	9.5					9.0	8.0				2.0	3.0	5.0			8.5			11.0			6.5	11.5
2- 3	2.5							6.5			5.0		5.5									7.0	
3- 4													6.5									7.5	5.5
4- 5	6.0						4.5			5.0													9.5
5- 6				9.0										1.5				9.5					
6- 7	9.0			5.5							3.5			2.5		8.5	8.5						3.5
7- 8											6.5	6.5		3.5	9.5		10.5						8.0
8- 9						6.5			5.5			3.5		4.0							6.5		
9-10	5.5					10.5								5.0							7.0		
10-11				11.0						2.5	2.0			5.5							7.5		6.0
11-12	8.5			7.5						7.0	5.0			6.5		8.0							10.0
12-13					11.0															9.5			
13-14													1.5			10.0							4.0
14-15	5.0												2.5				10.0		10.5				8.5
15-16											4.0	4.5	3.0									6.5	
16-17	8.5			10.0		8.0					7.0	1.5	4.0			8.0						7.0	
17-18				6.5				8.0		5.0			5.0									7.5	6.5
18-19	11.5								9.0				5.5		11.0	9.5							10.5
19-20	4.5	11.0									2.5		6.5										
20-21		10.5			9.5						5.5							9.0					4.5
21-22	8.0	10.0					9.5							1.5		7.5	10.5						9.0
22-23		9.5		8.5								5.5		2.5							6.5		
23-24	11.0	8.5		5.0		6.0				3.0		2.5		3.0		9.5		10.0			7.0		
24-25	4.0	8.0				9.5	6.5			7.5	4.0			4.0							7.5		7.0
25-26		7.5							3.5					4.5							8.0		11.0
26-27	7.5	7.0												5.5									
27-28		6.5		11.0										6.5									5.5
28-29	10.5	6.0		7.5	8.0						2.5					9.0							9.5
29-30	4.0	5.0									6.0	6.0	1.5									6.5	
30-31		4.5								5.5		3.5	2.5					8.5				7.0	

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	X	RV	W	TX	TY	TY	UX	VV	XZ	ZZ	RU	VV	AG	AH	AH	AK	AW	AW	AZ	AZ	BH	Z	AW
	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VUL	VUL
MAX	8.9	11.4	9.1	6.8	11.7	11.7	12.7	10.1	10.1	9.8	10.7	11.7	8.8	9.7	9.7	10.0	10.8	10.8	11.0	11.0	9.9	7.4	10.8
MIN	12.0	12.5	9.9	8.9	12.4	12.4	13.8	11.0	11.7	11.2	11.4	13.5	9.4	10.2	10.2	11.5	11.9	11.9	11.8	11.8	11.3	9.2	11.9
DUR	4	4	3	6	3	3	1	3	3	4	4	4	4	4	4	4	3	3	3	3	4	6	5
TOT			(S)			(S)									(S)		(S)		(S)				
0- 1		5.0			2.0	6.0	2.5				5.0				2.5		3.5	3.0					
1- 2					3.5		6.5		10.5		6.0										3.0		7.5
2- 3		11.5			5.0		1.5				7.5						2.0						2.5
3- 4		5.5				2.0	6.0				8.5	3.5					3.5			2.5			
4- 5						3.5					10.0									3.5			
5- 6			1.5			5.5	5.0	10.0	2.5	4.5	11.0		2.0				2.5						8.0
6- 7		6.0	1.5		2.5			2.5											1.5		10.0		3.5
7- 8			1.5		4.0		4.0	11.5												3.0			
8- 9			1.5		5.5	1.5					2.0	1.5		1.5			2.5		4.0				
9-10		6.5	1.5			3.0	3.5				3.0				1.5								9.0
10-11			1.5	2.0		4.5					4.5			2.0		2.5		1.5		2.0	2.5		4.0
11-12			1.5		1.5	6.0	2.5				5.5				2.5			3.0		3.5			7.5
12-13	11.5	6.5	1.5		3.0		7.0		10.5	2.0	6.5	1.5											
13-14	11.0		1.5		4.5		2.0				8.0						1.5		1.5				9.5
14-15	10.0		1.5		6.5	2.0	6.0			9.5	9.0		2.0				3.0		2.5				5.0
15-16	9.5	7.0	1.5			3.5					10.5								4.0				
16-17	9.0		1.5			5.0	5.5	10.0	2.5		11.5	2.0				2.0		1.5				5.5	
17-18	8.0		1.5		2.5			2.5										3.0		2.0			10.5
18-19	7.5	7.5	1.5		4.0		4.5	11.5			1.5									3.0			5.5
19-20	6.5		1.5		5.5						2.5			1.5			2.0				2.5		
20-21	6.0		1.5			2.5	4.0				3.5	2.5				2.0		3.5		1.5			
21-22	5.5	7.5	1.5			4.0				7.0	5.0			2.5					2.5			3.5	11.0
22-23	4.5		1.5		1.5	5.5	3.0				6.0				2.5			2.0	3.5				6.5
23-24			1.5		3.0				10.5		7.5		2.0										2.0
24-25		8.0	1.5		4.5		2.0				8.5	2.5								2.0			
25-26			1.5		6.0	2.0	6.5				9.5					2.5				3.0			
26-27			1.5			3.5	1.5				11.0												7.5
27-28		8.5	2.0			5.0	5.5	10.0	2.5														2.5
28-29			2.0		2.0			2.5		4.5		3.0					2.5	2.5			2.0		
29-30			2.0		3.5		5.0	11.5			2.0								3.5				
30-31		9.0	2.0		5.0						3.0			1.5			1.5						8.0

	AY	BE	BO	BS	BT	BU	CD
	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	12.9	11.4	13.3	11.5	12.5	11.4	12.6
DUR	4	5	4	3	3	3	4
TOT							
0- 1		4.5		2.0			
1- 2						2.0	5.0
2- 3						5.5	
3- 4	10.0	7.0		10.0		8.5	6.0
4- 5				8.5	4.0		
5- 6				7.5	7.5	1.5	7.5
6- 7		9.5		6.5	10.5	5.0	
7- 8			10.0	5.0		8.0	8.5
8- 9	6.0			4.0		11.5	
9-10			8.5	3.0			9.5
10-11				1.5		4.5	2.0
11-12			7.5			8.0	11.0
12-13					3.5	11.0	3.5
13-14	1.5		6.0	9.5	7.0		
14-15		3.5		8.5	10.5	4.0	4.5
15-16	11.5		5.0	7.5		7.5	
16-17				6.0		10.5	6.0
17-18		6.0	3.5	5.0			
18-19				4.0		3.5	7.0
19-20			2.0	3.0		7.0	
20-21	7.5	8.5		1.5	3.5	10.5	8.5
21-22					6.5		
22-23				10.5	10.0	3.5	9.5
23-24		11.0		9.5		6.5	2.0
24-25				8.5		10.0	10.5
25-26	3.0			7.5			3.0
26-27				6.0		3.0	
27-28				5.0		6.0	4.5
28-29		2.5		4.0	3.0	9.5	
29-30				2.5	6.5		5.5
30-31				1.5	10.0	2.5	

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	RT	TW	UU	WZ	XZ	AB	AB	AD	AD	BD	BX	DS	RY	CX	CZ	XZ	OO	OO	V342	V343	V346	SS	SS
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	ARI	ARI
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	8.8	10.7	10.3	9.3	9.2	9.2	9.0	10.6	9.0	10.1	10.1
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	10.1	12.0	11.2	11.2	10.1	10.1	12.5	12.3	10.4	11.1	11.1
DUR	3	11	8	4	3	3	3	4	4	3	4	4	5	3	3	7	3	3	7	4	4	3	3
TOT		2																	3				
								(S)	(S)									(S)					(S)
0- 1				5.0		7.0	3.0		8.0	5.5	10.0	5.0		3.0			7.5	1.5			8.5	5.0	
1- 2	3.0				2.0	7.0	3.0		7.5	4.0		5.5		5.5	10.0		8.0	2.0					5.0
2- 3	9.5	6.5		7.0	11.0	7.0	3.0		7.5	2.0	6.0	5.5		8.5	6.5		8.0	2.0		8.0		5.5	
3- 4						6.5	2.5		7.0		11.5	6.0			3.5				2.5				6.0
4- 5	6.5			9.5		6.5	2.5		6.5	9.5	2.0	6.0						2.5	7.0	4.0		6.5	
5- 6				2.0	4.0	6.5	2.5		6.5	8.0	7.0	6.5		3.0		3.5		3.0					6.5
6- 7	4.0	9.5	11.5	11.5		6.5	2.5		6.0	6.0		6.5		6.0		6.5		3.5				7.0	
7- 8	10.0			4.0		6.5	2.5		5.5	4.5	3.0	7.0		8.5		6.5		3.5				2.5	7.5
8- 9	1.5					6.0	2.0		5.5	2.5	8.5	7.0			7.5			4.0			2.0	7.5	3.0
9-10	7.5		11.0	6.0	5.5	6.0	2.0		5.0	1.0		7.5			4.5			4.5			5.0	3.0	8.0
10-11						6.0	2.0		4.5	10.0	4.5	7.5		3.0				4.5			7.5	8.5	3.5
11-12	4.5			8.5		6.0	2.0		4.5	8.5	9.5	8.0		6.0				5.0	2.0			4.0	9.0
12-13	11.0		10.5	1.0		5.5	2.0		4.0	6.5		8.0		8.5				5.5				9.0	4.5
13-14	2.0			10.5	7.5	5.5	1.5		3.5	5.0	5.5	8.5						5.5				4.5	9.5
14-15	8.0			3.0		5.5	1.5		3.5	3.0	11.0	8.5		0.5	8.5			6.0					5.0
15-16			9.5			5.5	1.5		3.0	1.0	1.5	9.0		3.5	5.0			6.5		5.5		5.5	
16-17	5.5			5.0		5.5	1.5		2.5	10.5	7.0	9.0		6.0			0.5	6.5					5.5
17-18	11.5				9.0	5.0	1.0		2.5	9.0		9.5		8.5			1.0	7.0		2.0		6.0	
18-19	3.0		9.0	7.0		5.0	1.0		2.0	7.0	2.5	9.5					1.0	7.5			1.0		6.5
19-20	9.0					5.0	1.0		1.5	5.0	8.0	10.0		0.5			1.5	7.5			3.5	7.0	
20-21				9.5	2.0	5.0	1.0		1.5	3.5		10.0		3.5	9.5	2.5	2.0	8.0			6.5		7.0
21-22	6.0		8.5	2.0	11.0	5.0	1.0		1.0	1.5	4.0	10.5		6.0	6.0		2.0		6.0			7.5	2.5
22-23				11.5		4.5	0.5		0.5	11.0	9.0	10.5		8.5	3.0	6.0	2.5					3.0	8.0
23-24	3.5			4.0		4.5	0.5			9.0		11.0					3.0					8.0	3.5
24-25	9.5		7.5		4.0	4.5	0.5	12.0		7.5	5.0	11.0		1.0			3.0					3.5	8.5
25-26	1.0			6.0		4.5		11.5		5.5	10.5	11.5		3.5			3.5					9.0	4.0
26-27	7.0					4.5		11.0		4.0		11.5		6.0			4.0			7.5		4.5	9.5
27-28			7.0	8.5		4.0		11.0		2.0	6.5	12.0		9.0	7.0		4.0					9.5	5.0
28-29	4.5			1.0	5.5	4.0		10.5			11.5		8.0		4.0		4.5		0.5	3.5		5.0	
29-30	10.5			10.5		4.0		10.0		9.5	2.5			1.0			5.0					2.5	5.5

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	WW	AP	AP	AR	AR	CL	EP	HP	HP	TU	TU	TY	TY	TZ	TZ	Y	SV	AL	CD	CD	R	RT	TU
	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA
MAX	5.7	10.9	10.9	6.0	6.0	11.7	10.8	10.8	10.8	11.7	11.7	11.8	11.8	10.6	10.6	10.6	8.6	10.5	11.6	11.6	6.2	11.4	9.7
MIN	6.4	11.4	11.4	6.7	6.7	13.2	11.3	11.5	11.5	12.7	12.7	12.3	12.3	11.1	11.1	12.4	9.4	11.3	11.8	11.8	6.8	12.9	10.7
DUR	5	4	4	5	5	4	3	3	3	3	3	3	3	3	3	6	3	5	5	5	4	5	4
TOT	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
0- 1							10.5	5.5		2.5			3.0		3.0		4.5					3.0	
1- 2		10.0			7.5					2.0			2.0	4.0			9.0	4.5	6.5				
2- 3									8.5	1.0		4.5	0.5	1.5	5.0					1.0	10.0		
3- 4			10.0	9.0			9.5			0.5		3.5			2.5		4.0				4.5		
4- 5						10.0		12.0				2.0		3.5			8.5		8.0			10.5	
5- 6		9.5			11.0				5.0		3.0	1.0	5.0	1.0	4.5			4.0	2.5	11.5			
6- 7							8.5				2.5		3.5	5.5	1.5	4.5	3.0			6.0	11.0		
7- 8			9.5					8.5			2.0		2.5	2.5			7.5		9.5				
8- 9	7.5									1.0		1.5			3.5		12.0		3.5				
9-10		9.5				9.5	7.5		11.5		0.5	4.0		4.5	1.0	11.5	2.0	4.0		7.0			
10-11							11.5					3.0		2.0			6.5	11.5	10.5	1.5			
11-12			9.0							3.0		1.5			3.0		11.0		5.0				
12-13							6.0		8.0	2.5			4.0	4.0			1.5			8.5			
13-14	8.5	9.0					10.5			2.0			3.0	1.5	5.0		6.0	3.5		3.0			
14-15						8.5		11.0		1.0			2.0		2.5		10.0	11.5	6.5				
15-16			9.0									4.5	0.5	3.0					1.0	10.0			
16-17							9.5					3.5		0.5	4.0	2.5	5.0			4.5			
17-18		8.5						7.5		3.0	2.0			5.0	1.5		9.5	3.0	8.0		9.0	10.5	
18-19	10.0									2.5	1.0	5.0	2.5					11.0	2.0	11.5			
19-20			8.5			8.0	8.5		10.5	2.0		3.5		3.5	9.5	4.0				5.5			
20-21			12.0							1.0		2.5	4.5	1.0		8.5			9.0				
21-22		8.5										1.5	2.0					2.5	3.5				
22-23		11.5					7.5		7.0			4.0			3.0		3.5	10.5		7.0			
23-24	11.0		8.0				11.5			3.0		3.0		4.0		7.5		10.5	1.5	11.5			
24-25			11.5			7.5		10.0		2.5		1.5		1.0	5.0				5.0				
25-26		8.0					6.0			2.0			4.5		2.0		2.5	2.5		8.5			
26-27		11.5					10.5			1.0			3.0	3.0		7.0	10.5	12.0	2.5		10.5	11.0	
27-28			8.0					6.5					2.0	0.5	4.0		11.5		6.0				
28-29			11.0									4.5	1.0	5.0	1.5		1.5		0.5	9.5			
29-30		7.5				7.0	9.5		9.5	3.0	3.5			2.5		7.5	6.0	2.0		4.0			

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	TZ	XZ	AK	RW	TY	RZ	TV	AB	CW	CW	DZ	IR	IS	IV	MM	OR	PV	PV	V364	V364	V375	U	SU	
	CMA	CMI	CMI	CAP	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	
MAX	9.8	9.7	10.1	9.8	10.5	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.2	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	
MIN	10.5	10.2	11.5	10.8	11.6	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	12.5	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	
DUR	4	3	4	5	4	4	4	4	3	3	4	4	5	5	5	4	3	3	4	4	5	4	4	
TOT																						2		
	(S)									(S)								(S)		(S)				
0- 1		11.5	10.0				10.5	5.5	3.5	7.0	4.5		8.5	8.5				9.0	10.0					
1- 2					2.5	2.5			2.5	6.0		8.5	8.5				5.5			4.5	2.5			
2- 3						7.5	6.0		1.0	5.0		1.0	5.0	8.5	1.5			3.0				5.5		
3- 4										4.0	7.5	9.5		8.5	5.5	2.0								
4- 5			9.0				1.5	8.0	7.0	3.0	2.5	2.0	1.0	8.5	9.0	8.0				6.5	1.0		10.0	
5- 6									5.5	2.0		11.0		8.5					1.0				7.5	
6- 7									4.5	1.0	11.0	3.0		8.5			11.5						5.0	
7- 8	10.0			7.0		2.0		1.5	3.5	7.5	6.0	12.0		8.5				9.5		9.0		5.0	3.0	
8- 9					5.0	7.0		10.5	2.5	6.5	1.0	4.0		8.5		1.5	5.5		3.5		11.0			
9-10			11.5			11.5	12.0		1.5	5.5				8.5		7.5	5.5		3.5					
10-11									0.5	4.5	9.5	5.0		8.5	4.0						11.0			
11-12		11.5			1.5		7.5	4.0	7.0	3.5	4.0		10.0	8.5	8.0				5.5			10.0		
12-13									6.0	2.5		6.0		8.5	12.0								4.5	
13-14			10.5			1.5	3.0		5.0	1.0			6.0	8.0		1.5	11.5						10.0	
14-15				2.0		6.5			4.0		7.5	7.0		8.0		7.0		9.5	7.5		8.5		8.0	
15-16						11.0		6.5	3.0	7.0	2.5		2.0	8.0			5.5			2.0			5.5	
16-17									2.0	5.5		8.0		8.0						3.5			3.0	
17-18			9.5						1.0	4.5	11.0			8.0	3.0						9.5	7.5	4.5	1.0
18-19		10.0			4.5				7.5	3.5	5.5	9.0		8.0	7.0	1.0					4.0			
19-20	11.5					1.0		9.0	6.5	2.5		1.5		8.0	10.5	7.0								
20-21						5.5	9.0		5.5	1.5		10.0		8.0			11.5		11.5		6.0			
21-22					0.5	10.5			4.5	0.5	9.0	2.5		8.0				9.5		6.0				
22-23		11.0	12.0				4.5	2.5	3.5	7.0	4.0	11.0	11.0	8.0			5.5		0.5			4.0	10.5	
23-24								11.5	2.5	6.0		3.5		8.0				3.5			5.0		8.0	
24-25				6.0					1.0	5.0			7.0	8.0	2.0	6.5				8.0			6.0	
25-26					7.0				4.0	7.0	4.5			8.0	5.5				2.5				3.5	
26-27			11.0			5.0		5.0	7.0	3.0	2.0		3.5	8.0	9.5						3.5		1.0	
27-28						10.0			6.0	2.0		5.5		7.5			11.5			10.0		3.5		
28-29					3.5				4.5	1.0	10.5			7.5				9.5	4.5					
29-30		10.0					10.5		3.5	7.5	5.5	6.5		7.5		6.0	5.5						2.5	

	BR	CG	DK	KV	V346	V387	V388	V456	V466	V466	V477	V477	V704	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA
MAX	9.4	11.0	10.3	11.5	11.8	11.5	9.7	10.8	10.8	10.8	8.3	8.3	13.8	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9
MIN	10.5	11.8	10.8	12.6	13.6	12.3	10.3	11.9	11.6	11.6	9.2	8.7	14.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7
DUR	4	3	4	5	5	3	3	3	4	4	4	4	4	7	5	4	4	3	4	3	5	5	5
TOT														2							1		
									(S)		(S)												(S)
0- 1	5.0		1.5				9.5	8.0			3.5		10.0				4.0	7.5		6.5	1.0		
1- 2		6.0					1.0	4.5		5.0								2.5		9.0			
2- 3			10.0				7.5	1.0	9.5				3.0		7.0				6.5				4.5
3- 4		3.5	8.5					7.0	7.0			5.0	6.5			2.0	8.0			1.0			
4- 5	5.0	9.5	7.0		5.0	6.0		4.5					9.5			6.5	3.0	5.5		3.5			
5- 6		1.0	5.5					1.5		9.0					4.0					5.5			11.0
6- 7		7.0	4.5	9.0		4.0	8.0		2.0				3.0						8.5	8.0			
7- 8			3.0			10.5	4.5				4.5		6.0				7.0	8.5		10.5		2.0	
8- 9	4.5	4.5	1.5			2.0	1.5			4.0			9.5		1.0		2.0	3.5			11.5		
9-10				5.5		9.0													1.5	2.5			
10-11		2.0	10.0					10.0	6.0			5.5	2.5			0.5			10.0	4.5		8.0	
11-12		8.5	8.5			7.0		7.5					6.0				6.5	6.5		7.0	6.5		
12-13	4.5		7.0	1.5			8.5	5.0		8.0			9.5				1.5	1.5		9.5			
13-14		5.5	5.5			5.0	5.0	2.0	0.5										3.0				
14-15			4.5				1.5				5.5		2.5	6.5					11.5	1.0	2.0		
15-16		3.0	3.0		4.5	3.0				3.0			6.0				5.5	4.5		3.5			5.5
16-17	4.5	9.5	1.5			10.0							9.5			4.0	0.5			6.0			
17-18		0.5				1.5			5.0			6.5				9.0			5.0	8.5			
18-19		7.0	10.0			8.0	8.5	10.5					2.5					8.0		11.0			12.0
19-20			8.5				5.5	8.0		7.0			6.0	1.5			4.5	2.5					
20-21	4.5	4.5	7.0			6.0	2.0	5.5					9.0							2.5		3.0	
21-22		10.5	6.0					2.5	9.0		6.5								6.5	5.0			
22-23		2.0	4.5			4.5				2.0			2.5			3.0	9.0	6.0		7.5			
23-24		8.0	3.0	10.0	10.0	11.0							5.5			7.5	4.0	0.5		10.0		9.5	
24-25	4.5		1.5			2.5	9.0		4.0			7.5	9.0										
25-26		5.5				9.0	5.5								6.5			9.0	8.5	1.5	7.5		
26-27			10.0	6.0	3.5	0.5	2.5			6.0			2.0				8.0	4.0		4.0			
27-28		3.0	8.5			7.5		8.5					5.5				3.0			6.5			
28-29	4.5	9.5	7.0					6.0	8.0		7.5		9.0		3.5	2.0			1.5	9.0	3.0		6.5
29-30			6.0	2.5		5.5		3.0		1.0						6.5		7.0	10.0				

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	AI	TZ	YY	YY	RW	AF	SZ	TU	UX	CC	CT	AV	SW	SW	VX	CM	CO	CO	Y	UU	VZ	Z	RR
	DRA	ERI	ERI	ERI	GEM	GEM	HER	HER	HER	HER	HER	HYA	LAC	LAC	LAC	LAC	LAC	LAC	LEO	LEO	LEO	LEP	LEP
MAX	7.2	9.8	8.4	8.4	9.6	10.2	10.2	10.6	8.9	9.5	9.9	10.2	9.2	9.2	10.9	8.5	10.5	10.5	9.5	11.4	10.6	11.0	10.2
MIN	8.2	12.6	9.1	9.1	11.6	11.3	12.0	13.4	9.8	12.8	11.2	10.6	10.0	10.0	12.3	9.5	11.0	11.0	12.7	12.7	11.7	12.5	10.9
DUR	4	4	3	3	5	4	4	5	5	4	4	4	3	3	4	4	5	5	5	4	4	4	4
TOT		1			1			1															
				(S)										(S)			(S)						
0- 1								3.0	2.5				6.5	2.5	4.0	9.0	6.5					9.0	10.5
1- 2							4.0						5.5	1.5	5.5		0.5					9.0	8.5
2- 3						10.5				4.5			4.5	1.0	7.5							8.5	
3- 4			7.5						5.0		12.0		3.5	7.5	9.0		9.0					8.5	
4- 5	1.5		6.5										3.0	6.5	11.0		2.5					8.5	
5- 6	6.5						6.5						2.0	6.0		4.5				10.5		8.0	
6- 7							2.0						1.0	5.0			11.0					8.0	
7- 8		8.0				10.0					1.0			4.0			4.5					8.0	
8- 9				7.0									7.0	3.0		9.5						8.0	
9-10								4.5		3.0			6.0	2.0									
10-11	1.5						4.0						5.0	1.0			7.0						
11-12	6.0												4.0				2.0						10.0
12-13			7.5			9.0							3.0	7.0									8.0
13-14			6.5		11.0								2.5	6.0	1.0	5.0	9.0						
14-15							6.5		1.5		4.5		1.5	5.5	3.0		4.0			11.0			
15-16							2.0						0.5	4.5	5.0								
16-17	1.0				7.5					1.5		11.5	7.5	3.5	6.5	10.0		11.0	10.0				
17-18	6.0			7.0		8.5			3.5				6.5	2.5	8.5		6.0						
18-19								6.0					5.5	1.5	10.0								
19-20							4.0						4.5	0.5	12.0					11.5			
20-21		9.0							6.0				3.5	7.5			8.0						
21-22			7.5										3.0	6.5		5.5		2.0	11.5				11.5
22-23	1.0		6.5			8.0							2.0	5.5									9.5
23-24	6.0						6.5				3.0		1.0	5.0			10.0						7.5
24-25							2.0							4.0		10.5		4.0					
25-26								1.5					7.0	3.0									
26-27				7.0									6.0	2.0		1.0	12.0						
27-28													5.0	1.0				6.0					
28-29	1.0						4.0						4.0		2.0		1.0						
29-30	5.5										11.0		3.0	7.0	4.0	6.0							

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	SS	RY	UZ	EW	FL	RU	RU	RW	AT	BB	BO	U	SX	V508	V839	1010	EQ	ER	ER	ET	FL	FT	FZ
	LIB	LYN	LYR	LYR	LYR	MON	MON	MON	MON	MON	MON	OPH	OPH	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI
MAX	10.4	11.9	9.8	11.2	8.7	10.6	10.6	9.1	10.6	10.6	10.8	5.8	10.5	10.1	8.8	6.2	10.3	9.5	9.5	11.2	10.5	9.1	10.7
MIN	11.3	13.3	11.0	13.6	9.5	11.3	11.3	11.9	11.4	11.3	12.1	6.5	11.2	10.7	9.4	7.0	13.3	10.2	10.2	12.4	13.2	9.7	11.3
DUR	6	4	5	5	4	5	5	5	5	4	5	5	5	3	3	4	4	3	3	5	3	4	3
TOT								1			1												
								(S)												(S)			
0- 1														1.0	1.0			7.5					
1- 2				1.0											2.0	6.5			9.0				9.5
2- 3															3.0	2.0							
3- 4		10.5											1.5	3.5							8.5		9.5
4- 5					2.5										4.5	3.0			8.0				
5- 6													3.0	5.5				9.5					9.5
6- 7					6.5		9.0								6.0	4.0					11.0		
7- 8									9.5	10.5													9.5
8- 9																		8.5					
9-10								10.5	10.5										10.0				9.5
10-11			7.0								11.5	1.0		1.0	6.0								
11-12								8.0	11.0					2.0	2.0			7.5		12.0			9.5
12-13			4.5			9.5								3.0					9.0	11.0		7.0	
13-14		11.5								12.0				3.5	3.0								9.5
14-15			2.0											4.5									8.5
15-16	2.0									12.0		1.5		5.5	4.0				8.0	7.5		10.5	9.5
16-17		8.5												6.0			12.0	9.5					
17-18				4.0												5.0					7.5		9.5
18-19										10.0						0.5							
19-20					8.0											6.0		8.5					9.5
20-21												2.5		1.0	2.0				10.0		10.0		
21-22														2.0		3.5							9.5
22-23														3.0	3.0			8.0					
23-24														3.5	4.0		3.5	11.5		9.0			9.5
24-25														4.5	4.0								
25-26												3.0		5.0		3.0							9.5
26-27		9.5								11.5				6.0	5.0					8.5			
27-28			7.5												0.5	2.5		10.0					9.5
28-29	0.5			8.0	1.5			12.0							6.0								
29-30			5.0							10.0					2.0	2.0			7.5				9.5

	FZ	GU	GU	U	U	TY	AQ	BB	BB	BX	DI	GP	Z	RT	RV	ST	XZ	BETA	Y	UZ	UZ	U	V505
	ORI	ORI	ORI	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PSC	PUP	PUP	SGE	SGR
MAX	10.7	12.6	12.6	9.7	9.7	10.5	10.3	10.6	10.6	10.9	9.6	10.2	9.9	10.6	10.3	9.7	10.6	2.2	9.0	9.7	9.7	6.4	6.4
MIN	11.3	13.5	13.5	10.5	10.5	12.6	13.0	11.2	11.2	11.5	10.8	11.0	12.4	12.0	12.7	13.2	12.7	3.5	12.0	10.6	10.3	9.1	7.6
DUR	3	4	4	3	3	6	12	3	3	3	2	4	6	4	8	5	4	8	7	4	4	6	5
TOT							4						2			1						2	
	(S)		(S)		(S)				(S)												(S)		
0- 1	9.5	11.0		4.0	8.5	10.0		6.5	2.5	6.0	7.0	4.0				7.5							
1- 2		9.5		7.0	2.5				4.5	2.0		3.5				11.0		9.5		11.5			
2- 3	9.5	8.5		1.0	5.5			2.0	6.5	5.0	10.5	3.0		9.5									
3- 4				4.0	8.5			4.0	8.5	1.0	3.5	2.5	1.5	6.0						11.5			
4- 5	9.5		11.0	7.0	2.5			6.0	2.0	4.0		1.5		2.5								6.5	
5- 6			9.5	1.0	5.5		2.5	8.0	4.0		6.5	1.0				7.0		4.0		11.0		3.5	
6- 7	9.5		8.5	4.0	8.5			1.5	6.0	3.0			3.0										
7- 8				7.0	2.5			3.5	8.0	6.0	10.0			12.0			5.5			10.5			
8- 9	9.5	11.0		1.0	5.5			5.5	1.0	2.5	3.0			8.5			9.0						
9-10		9.5		4.0	8.5			7.5	3.0	5.0			4.0	4.5						10.5			
10-11	9.5	8.5		7.0	2.5			1.0	5.5	1.5	6.0						11.5						
11-12				1.0	5.5			3.0	7.5	4.5												1.0	1.0
12-13	9.5		11.0	4.0	8.5			5.0	0.5	0.5	9.5		5.5										5.5
13-14			10.0	7.0	2.5			7.0	2.5	3.5	2.5			10.5		5.5		8.0					
14-15	9.5		8.5	1.0	5.5				4.5	6.5				7.0			3.0						
15-16				4.0	8.5			2.5	6.5	2.5	6.0		7.0	3.5			7.0						
16-17	9.5	11.0		7.0	2.5		5.0	4.5		5.5						10.5	5.0	11.0					
17-18		10.0		1.0	5.5			6.5	2.0	1.5	9.0												
18-19	9.5	8.5		4.0	8.5			8.5	4.0	4.5	2.0		8.0										3.5
19-20				7.0	2.5			2.0	6.0	1.0				9.5									
20-21	9.5		11.0	1.0	5.5			4.0	8.0	3.5	5.5			6.0	11.5			5.5					
21-22			10.0	4.0	8.5			6.0	1.5	6.5			9.5			4.5					4.5		
22-23	9.5		8.5	7.0	2.5	1.5		8.0	3.5	3.0	8.5				10.5		4.5						
23-24				1.0	5.5			1.5	5.5	5.5	1.5						8.5						
24-25	9.5	11.0		4.0	8.5			3.5	7.5	2.0	12.0		11.0	11.5	10.0		12.0						1.5
25-26		10.0		7.0	2.5	3.5		5.5	1.0	5.0	5.0			8.0									6.0
26-27	9.5	8.5			5.5			7.5	3.0	1.0				4.5	9.5	11.5							
27-28				4.0	8.5		7.5	0.5	5.0	4.0	8.0	11.5											
28-29	9.5		11.0	7.0	2.5	5.5		2.5	7.0		1.5	11.0			9.0								
29-30			10.0		5.0			4.5		3.0	11.5	10.5				3.0							

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	1968	AO	CC	CC	RW	RZ	TY	WY	AC	AM	EQ	EQ	V	X	RV	W	TX	TY	TY	UX	VV	XZ	ZZ
	SGR	SER	SER	SER	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA
MAX	12.3	10.6	11.1	11.1	8.0	10.5	11.5	11.5	10.5	10.4	10.3	10.3	10.9	8.9	11.4	9.1	6.8	11.7	11.7	12.7	10.1	10.1	9.8
MIN	13.3	12.1	11.7	11.7	12.5	11.2	12.0	11.7	12.3	12.3	11.0	11.0	11.9	12.0	12.5	9.9	8.9	12.4	12.4	13.8	11.0	11.7	11.2
DUR	4	4	4	4	4	3	2	4	6	5	3	3	4	4	4	3	6	3	3	1	3	3	4
TOT					1																		
				(S)							(S)					(S)			(S)				
0- 1			3.0		7.0						7.5	7.5		3.0	2.0				2.5	4.0			
1- 2	1.5		4.0		7.5		10.0				8.0	11.5			2.0				4.0				
2- 3	4.5					9.0	7.0				4.5		1.5	9.0			1.5			3.5			
3- 4							9.0				5.0		6.0	3.0			3.0				10.5		
4- 5							11.0				5.5		10.0							2.5			2.0
5- 6				1.0	6.5						6.5			9.5					1.5		8.5		
6- 7	3.0	4.0		1.5				6.5			7.0		4.0	3.5					3.0	1.5	1.0		9.0
7- 8		1.5		2.5	8.5						7.5		8.0								10.0		
8- 9				3.0				8.5			8.0				10.0						1.0		
9-10				4.0					7.0									2.0					
10-11	1.5				6.5		10.5				4.5	2.5		4.0			3.5				11.5		
11-12	4.5								8.0		5.0	6.5							0.5				
12-13					9.0	8.0					5.5	10.5		10.0					2.0	4.5			
13-14			1.0						9.0		6.0		4.5						4.0				
14-15		2.0	1.5								7.0	4.5					1.0			3.5			6.5
15-16	3.5		2.5		6.0		6.5	10.0			8.0		11.5	4.5			4.0						
16-17			3.0				7.0				4.5		3.0	11.0					1.5		8.5		
17-18			4.0		8.0	9.0	8.5	11.0			5.0		7.0	10.0	11.0				3.0	2.0	1.0		
18-19							11.0				5.5		11.0	9.5	5.0						10.0		
19-20	2.0				10.0		10.5	12.0			6.0			9.0				1.5		1.0			
20-21	5.0				6.0						7.0		5.0	8.0	11.0				3.0		11.5		4.0
21-22		3.0		1.0							7.5		9.0	7.5	5.5								
22-23				1.5	7.5				6.5	8.0				7.0						2.0	4.5		11.5
23-24	0.5			2.5	11.0						4.5	3.5	6.0	11.5					3.5				
24-25	3.5			3.0	9.5		7.0		7.5		5.0	7.5	5.5	5.5				1.0		4.0			
25-26				4.0	5.5						5.5	11.5	5.0				1.0	2.5			10.5		
26-27					5.5		8.5		9.0		6.0		4.0	12.0				4.0		3.0			
27-28					7.5						6.5	5.5	3.5	6.0						1.0	8.0		2.0
28-29	2.0	4.0					10.5		10.0		7.5	10.0	2.5						2.5	2.5	0.5		
29-30		1.0	0.5		9.5	5.5					8.0								4.0		9.5		9.0

	RU	VV	AH	AW	AW	AZ	AZ	BH	Z	AW	AX	AY	BE	BO	BS	BT	BU	CD
	UMI	VIR	VIR	VIR	VIR	VIR	VIR	VIR	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	10.7	11.7	9.7	10.8	10.8	11.0	11.0	9.9	7.4	10.8	11.0	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	11.4	13.5	10.2	11.9	11.9	11.8	11.8	11.3	9.2	11.9	12.5	12.9	11.4	13.3	11.5	12.5	11.4	12.6
DUR	4	4	4	3	3	3	3	4	6	5	5	4	5	4	3	3	3	4
TOT																		
					(S)		(S)											
0- 1	4.5						1.5			3.5			5.0				6.0	7.0
1- 2	5.5											9.0					9.0	
2- 3	6.5	1.0			1.5													8.0
3- 4	8.0					1.0				9.0			7.5	8.5			2.0	
4- 5	9.0									4.0				7.0			5.5	9.5
5- 6	10.0													6.0	3.0		8.5	1.5
6- 7	11.5	1.0						1.5				4.5		5.0	6.0			
7- 8							1.5		8.0	9.5	1.0			3.5	9.5		1.5	3.0
8- 9	1.0		0.5							5.0				2.5			5.0	
9-10	2.5										1.5			1.5			8.0	4.0
10-11	3.5			0.5		1.0												
11-12	5.0										2.5		2.0				1.0	5.5
12-13	6.0								5.5	5.5							4.5	
13-14	7.0				1.0					1.0	3.0			8.0	2.5		8.0	6.5
14-15	8.5						1.5						4.5	7.0	6.0			
15-16	9.5							1.0			3.5			8.0	6.0	9.5	1.0	8.0
16-17	11.0			1.0						6.5				4.5			4.0	
17-18	12.0					0.5			3.5	2.0	4.0		7.0	6.5	3.5		7.5	9.0
18-19	0.5					2.0						6.0		2.5				1.5
19-20	2.0		0.5		1.5						4.5			5.5	1.5			
20-21	3.0									7.5			9.5				3.5	2.5
21-22	4.0						1.0			2.5	5.0			4.0		2.0	7.0	
22-23	5.5			1.5					1.5							5.5		4.0
23-24	6.5										6.0	2.0		3.0	8.0	9.0		
24-25	8.0							1.0		8.0				7.0			3.5	5.0
25-26	9.0					1.5				3.5	6.5		1.0	1.5	6.0		6.5	
26-27	10.0													4.5		10.0	6.5	
27-28	11.5										7.0			3.5				
28-29							1.0			9.0			3.5	2.5			3.0	7.5
29-30	1.0									4.0	7.5			1.0	2.0	6.0		

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	RT	TW	UU	WZ	XZ	AB	AB	AD	AD	BD	BX	DS	RY	CX	CZ	XZ	OO	OO	V342	V343	V346	SS	SS	
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	ARI	ARI	
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	8.8	10.7	10.3	9.3	9.2	9.2	9.0	10.6	9.0	10.1	10.1	
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	10.1	12.0	11.2	11.2	10.1	10.1	12.5	12.3	10.4	11.1	11.1	
DUR	3	11	8	4	3	3	3	4	4	3	4	4	5	3	3	7	3	3	7	4	4	3	3	
TOT		2																						
							(S)		(S)				(S)					(S)					(S)	
0- 1	1.5		6.5	3.0		4.0	8.0	10.0		8.0	7.5	0.5		3.5			5.0				5.5	6.0	1.0	
1- 2	7.5	3.5				4.0	8.0	9.5		6.0		1.0		6.0			5.5					1.5	6.0	
2- 3				5.0	7.5	3.5	7.5	9.0		4.5	3.5	1.0	6.5				6.0					6.5	1.5	
3- 4	5.0		5.5			3.5	7.5	9.0		2.5	9.0	1.5			8.0		6.0	0.0				2.0	7.0	
4- 5	11.0			7.5		3.5	7.5	8.5		0.5		1.5	5.5	1.0	5.0			0.5				7.5	2.5	
5- 6	2.5	6.5			0.5	3.5	7.5	8.0		10.0	4.5	2.0		3.5	1.5	2.0		0.5				3.0	7.5	
6- 7	8.5		5.0	9.5	9.0	3.5	7.0	8.0		8.5	10.0	2.0	5.0	6.5				1.0				8.0	3.0	
7- 8				2.0		3.0	7.0	7.5		6.5	0.5	2.5				5.5		1.5				3.5	8.5	
8- 9	6.0			11.5		3.0	7.0	7.0		4.5	6.0	2.5	4.0					1.5	5.0			9.0	4.0	
9-10	12.0	9.0	4.5	4.0	2.5	3.0	7.0	7.0		3.0	11.0	3.0		1.0				2.0		5.0	1.5	4.0	9.0	
10-11	3.0				11.0	3.0	7.0	6.5		1.0	2.0	3.0	3.0	3.5	5.5			2.5				4.0	9.5	4.5
11-12	9.5			6.0		2.5	6.5	6.0		10.5	7.0	3.5		6.5	2.5			2.5		1.5		5.0		
12-13	0.5		3.5			2.5	6.5	6.0		8.5	12.5	3.5	2.5					3.0					5.5	
13-14	6.5			8.5	4.0	2.5	6.5	5.5		7.0	3.0	4.0						3.5				5.5	1.0	
14-15				1.0		2.5	6.5	5.0		5.0	8.5	4.0	1.5	1.0				3.5				1.0	6.0	
15-16	4.0		3.0	10.5		2.5	6.5	5.0		3.5		4.5		4.0				4.0				6.5	1.5	
16-17	10.0			3.0		2.0	6.0	4.5		1.5	4.5	4.5	0.5	6.5	6.5			4.5				2.0	7.0	
17-18	1.0				5.5	2.0	6.0	4.0		11.0	9.5	5.0			3.5			4.5				7.0	2.0	
18-19	7.5		2.5	5.0		2.0	6.0	4.0		9.0	0.0	5.0			0.0			5.0				2.5	7.5	
19-20						2.0	6.0	3.5		7.5	5.5	5.5		1.0				5.5			0.5	8.0	3.0	
20-21	4.5			7.5		2.0	6.0	3.0		5.5	11.0	5.5		4.0		1.5		5.5				3.0	3.5	8.0
21-22	11.0		2.0		7.5	1.5	5.5	3.0		4.0	1.5	6.0		6.5				6.0				6.0	8.5	3.5
22-23	2.0			9.5		1.5	5.5	2.5		2.0	6.5	6.0			7.5	5.0	0.0	6.0		3.0		4.0	9.0	
23-24	8.0			2.0		1.5	5.5	2.0		0.0	12.0	6.5			4.5		0.5					9.5	4.5	
24-25			1.0	11.5	0.5	1.5	5.5	2.0		9.5	2.5	6.5		1.5	1.0		1.0					4.5	9.5	
25-26	5.5			4.0	9.0	1.5	5.5	1.5		8.0	8.0	7.0		4.0			1.0		3.5				5.0	
26-27	11.5					1.0	5.0	1.0		6.0		7.0		6.5			1.5					5.5	0.5	
27-28	2.5		0.5	6.0		1.0	5.0	1.0		4.0	4.0	7.5					2.0					1.0	6.0	
28-29	9.0		12.0		2.5	1.0	5.0	0.5	12.5	2.5	9.0	7.5					2.0					6.0	1.5	
29-30				8.5	11.0	1.0	5.0	0.5	12.0	0.5		8.0		1.5	5.0		2.5					1.5	6.5	
30-31	6.0			1.0		1.0	4.5		12.0	10.0	5.0	8.0		4.0	2.0		3.0				2.0	7.0	2.0	

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	WW	WW	AP	AP	AR	AR	CL	EP	HP	HP	TU	TU	TY	TY	TZ	TZ	Y	SV	AL	CD	CD	R	RT
	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA
MAX	5.7	5.7	10.9	10.9	6.0	6.0	11.7	10.8	10.8	10.8	11.7	11.7	11.8	11.8	10.6	10.6	10.6	8.6	10.5	11.6	11.6	6.2	11.4
MIN	6.4	6.4	11.4	11.4	6.7	6.7	13.2	11.3	11.5	11.5	12.7	12.7	12.3	12.3	11.1	11.1	12.4	9.4	11.3	11.8	11.8	6.8	12.9
DUR	5	5	4	4	5	5	4	3	3	3	3	3	3	3	3	3	6	3	5	5	5	4	5
TOT		(S)		(S)		(S)			(S)		(S)		(S)		(S)						(S)		
0- 1			11.0			6.0								2.5				10.5	10.0	7.5			7.5
1- 2				7.5										1.0		1.0		1.0		2.0	11.0	10.5	
2- 3	7.0			11.0	8.0			8.5		6.0		1.0			2.0			5.0			5.5		
3- 4			7.5									0.5		2.5		2.5		9.5	1.5	9.0			
4- 5			10.5			9.5	6.5		9.0					1.5		0.0			9.5	3.5	12.5		
5- 6				7.0			12.5	7.5						0.5	1.0			4.5			7.0		12.0
6- 7				10.5	11.0			11.5		12.5				3.0		2.0		9.0		10.5	1.0		
7- 8	8.5		7.0						5.5					1.5		3.0			1.5	4.5			
8- 9			10.5					6.5			1.0			0.5		0.5		3.5	9.0		8.0		
9-10				7.0			6.0	10.5		8.5	0.5					1.5	5.5	8.0		11.5	2.5	9.5	9.0
10-11				10.0			12.0							2.0	2.5						6.0		
11-12			6.5					5.0	12.0					1.0		3.5		2.5	1.0	0.5	9.5		
12-13	9.5		10.0					9.5		5.0						0.5		7.0	9.0		4.0		
13-14				6.5										2.5		1.5		11.5		7.5			
14-15				10.0			5.5		8.0		1.0	1.0				2.5		2.0		1.5	11.0		
15-16			6.5				11.5	8.5				0.5	0.0			0.0		6.5	0.5		5.0		
16-17			9.5							11.5					2.5	1.0		11.0	8.5	8.5			
17-18	10.5			6.0					4.5					1.5		2.0		1.0		3.0	12.0	8.0	
18-19				9.5				7.5						0.5	3.0			5.5			6.5	11.5	10.5
19-20			6.0				5.0	12.0		7.5					0.5		3.5	10.0	0.0	10.0	1.0		
20-21			9.5				11.0				1.0		2.0			1.0		0.5	8.0	4.5			
21-22		5.5		6.0				6.5	11.0		0.5		0.5		2.0			4.5			8.0		
22-23	12.0			9.0				10.5		4.0						3.0	11.0	9.0		11.5	2.5		7.5
23-24			5.5	12.5										2.0		0.5				6.0			
24-25			9.0				4.5	5.5	7.0					1.0	1.5			4.0	7.5	0.0	9.5		
25-26			12.5	5.5			10.5	9.5				1.5				2.5		8.5			3.5		
26-27		7.0		9.0						10.5		1.0	2.5							7.0		10.5	
27-28			5.5	12.0	3.5				3.5		0.5	1.5		1.0				3.0		1.5	10.5		11.5
28-29			8.5					8.5				0.0				2.0		7.5	7.5		5.0		
29-30			12.0	5.0		5.0	4.0			6.5				2.5	3.0		2.0	12.0		8.5			
30-31				8.5			9.5							1.5	0.0			2.0		3.0	12.0		

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	SX	TU	TZ	TZ	UU	XZ	AK	RW	TY	RZ	TV	AB	CW	CW	DZ	IR	IS	IV	MM	OR	PV	PV	V364
	CMA	CMA	CMA	CMA	CMA	CMI	CMI	CAP	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS
MAX	10.3	9.7	9.8	9.8	10.0	9.7	10.1	9.8	10.5	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.2	11.3	11.4	10.0	10.0	11.2
MIN	11.4	10.7	10.5	10.5	12.5	10.2	11.5	10.8	11.6	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	12.5	11.9	12.4	10.6	10.6	11.7
DUR	4	4	4	4	5	3	4	5	4	4	4	4	3	3	4	4	5	5	5	4	3	3	4
TOT																							
				(S)										(S)								(S)	
0- 1							10.0					7.5	2.5	6.5	0.0			7.5		12.0		3.5	
1- 2	12.5							1.0			6.0		1.5	5.5		7.5		7.5	0.5				7.0
2- 3					9.0					4.5			0.5	4.5	8.5			7.5	4.5				
3- 4						11.0				9.0	1.5	1.0	7.0	3.5	3.5	8.5	12.0	7.5	8.0				
4- 5		8.5					9.0					9.5	6.0	2.5		1.0		7.5	12.0	5.5	11.5		9.0
5- 6		11.5					12.0						5.0	1.0	12.0	9.5	8.5	7.5		11.5		9.5	
6- 7	9.5					8.5							4.0	0.0	7.0	2.0		7.5			5.5		
7- 8						12.5						3.5	3.0	7.0	1.5	10.5	4.5	7.5				3.5	11.0
8- 9							8.0		2.5	4.0	12.0	12.0	2.0	6.0		3.0		7.5					
9-10							11.0			8.5			1.0	4.5	10.0	11.5	0.5	7.5	3.0	5.0			
10-11			11.0			10.0					7.5		7.5	3.5	5.0	4.0		7.5	7.0	11.0			
11-12								5.0				6.0	6.5	2.5				7.0	11.0		12.0		
12-13				10.0							3.0		5.5	1.5		5.0		7.0				9.5	2.0
13-14		9.0					10.5						4.5	0.5	8.5			7.0			6.0		
14-15	12.0	12.0					11.0			3.5			3.5	7.0	3.5	6.0		7.0		4.5		3.5	
15-16					9.0				5.5	8.0		8.0	2.5	6.0				7.0		10.5			4.0
16-17													1.5	5.0	12.0	7.0	9.5	7.0	2.0				
17-18						8.5	9.5						0.0	4.0	6.5			7.0	6.0				
18-19						12.5		0.0	2.0			2.0	7.0	3.0	1.5	8.0	5.5	7.0	9.5		12.0		6.0
19-20	9.0										9.0	10.5	6.0	2.0		0.5		7.0		4.5		9.5	
20-21										3.0			5.0	1.0	10.0	9.0	2.0	7.0		10.0	6.0		
21-22						10.0	8.5			7.5	4.5		3.5	7.5	5.0	1.5		7.0				3.5	8.0
22-23		9.5					11.5			12.0		4.0	2.5	6.5		10.0		7.0					
23-24		12.5											1.5	5.5		2.5		7.0	1.0				
24-25													0.5	4.5	8.0	11.0		6.5	4.5	4.0			10.5
25-26						11.0	7.5		4.5				7.0	3.5	3.0	3.5		6.5	8.5	10.0	12.0		
26-27							10.5			2.5		6.5	6.0	2.5		12.0		6.5	12.5			9.5	
27-28	12.0									7.0			5.0	1.5	11.5	4.5	10.5	6.5			6.0		12.5
28-29					9.0	8.5		4.0	1.0	11.5	10.5		4.0	0.0	6.5			6.5				3.5	
29-30						12.0							0.0	3.0	7.0	1.0	5.5	7.0	6.5		3.5		1.5
30-31							9.5				6.0	9.0	2.0	6.0				6.5		9.5			

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	V364	V375	U	SU	WZ	WZ	XX	DK	DL	DV	EG	SS	U	RW	SW	WW	ZZ	AE	BR	CG	DK	KV	V346
	CAS	CAS	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CEP	CET	CRB	CRB	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	11.2	10.1	6.7	8.8	11.7	11.7	8.5	12.2	12.4	11.6	9.6	9.4	7.6	10.1	9.3	9.9	10.7	11.8	9.4	11.0	10.3	11.5	11.8
MIN	11.7	10.9	9.8	9.8	11.3	11.1	9.6	14.2	13.2	12.4	10.6	13.0	8.8	10.6	11.8	13.2	12.0	12.8	10.5	11.8	10.8	12.6	13.6
DUR	4	5	4	4	3	3	4	4	5	4	3	5	5	4	5	5	4	4	4	3	4	5	5
TOT			2									2				2							
	(S)					(S)																	
0- 1	12.5				7.0	2.0		10.5	3.0	12.5	9.5									6.5	4.5		
1- 2				11.0	3.0	8.0		10.0			11.5			1.5			5.0					3.0	
2- 3	1.5	1.0	3.5	8.5	9.0	4.0		10.0			0.5	10.0							4.5	4.0	1.5		
3- 4		12.5		6.0	5.0	0.0	7.0	9.5	9.0		3.0					3.0	2.0					0.0	
4- 5				4.0	1.0	6.0		9.0		0.0	5.0						8.5			1.5			
5- 6	3.5			1.5	7.5	2.5		8.5	0.5	4.0	7.0	9.5									8.0	8.5	
6- 7		11.0			3.5	8.5		8.5		8.0	9.0						5.5		4.5			7.5	
7- 8			3.0		9.5	4.5		8.0		11.5	11.5									5.5	6.0		3.0
8- 9	5.5				5.5	0.5		7.5	6.5		0.5	9.0					3.0					4.5	
9-10		10.0			1.5	6.5		7.5			2.5			1.5			9.0				3.0	3.0	
10-11				11.0	7.5	2.5	7.5	7.0			4.5		2.5		1.0		0.0		4.5		1.5		
11-12	7.5			9.0	3.5	8.5		6.5			7.0	8.0					6.5				0.0	0.0	
12-13		8.5	2.5	6.5	9.5	4.5		6.5		3.5	9.0							8.0		6.5			
13-14				4.0	5.5	0.5		6.0	4.0	7.0	11.0					2.0	3.5	7.5			8.5	7.0	
14-15	9.5			2.0	1.5	6.5		5.5		11.0	0.0	7.5						7.0	4.0	4.0	7.5		
15-16		7.5			7.5	2.5		5.5			2.5						1.0	6.0			6.0		
16-17					3.5	9.0		5.0	10.0		4.5						7.0	5.5		1.5	4.5	3.0	
17-18	11.5		2.5		10.0	5.0	7.5	4.5			6.5	7.0	0.5	1.0				4.5		7.5	3.0		
18-19		6.0			6.0	1.0		4.5	1.5		8.5						4.0	4.0	4.0		1.5		2.5
19-20	0.5			11.5	2.0	7.0		4.0		2.5	11.0				4.5			3.0		5.0	0.5		
20-21				9.0	8.0	3.0		3.5		6.5		6.5					1.5	2.5					
21-22		4.5		7.0	4.0	9.0		3.5	7.5	10.5	2.0						7.5	1.5		2.5	9.0		
22-23	3.0		2.0	4.5	0.0	5.0		3.0			4.0			3.0				1.0	4.0	9.0	7.5		
23-24				2.0	6.0	1.0		2.5			6.5	5.5				1.0	5.0	0.0			0.0	6.0	
24-25		3.5			2.0	7.0	8.0	2.5			8.5									6.5	4.5		
25-26	5.0				8.0	3.0		2.0			10.5			1.0			2.0					3.0	
26-27					4.0	9.0		1.5	5.0	2.0		5.0					8.5	8.5	4.0	3.5	1.5		8.0
27-28		2.0	1.5		0.0	5.0		1.5		6.0	2.0										0.5		
28-29	7.0			12.0	6.5	1.5		1.0		9.5	4.0				8.0		5.5			1.0			
29-30				9.5	2.5	7.5	0.0	0.5	11.5		6.0	4.5								7.5	9.0		2.0
30-31		1.0		7.0	8.5	3.5		0.5			8.5			3.0			3.0		4.0		7.5	8.0	

	V387	V388	V456	V466	V466	V477	V477	V704	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI	TZ	YY	YY	RW
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA	ERI	ERI	ERI	GEM
MAX	11.5	9.7	10.8	10.8	10.8	8.3	8.3	13.8	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2	9.8	8.4	8.4	9.6
MIN	12.3	10.3	11.9	11.6	11.6	9.2	8.7	14.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2	12.6	9.1	9.1	11.6
DUR	3	3	3	4	4	4	4	4	7	5	4	4	3	4	3	5	5	5	4	4	3	3	5
TOT									2							1				1			1
					(S)		(S)											(S)				(S)	
0- 1			0.5					2.0				7.0	2.0		0.5							7.5	
1- 2	3.5	6.0		3.0				5.5		0.0		2.0			3.0							6.5	
2- 3		2.5						9.0														6.0	
3- 4	1.5					5.0	0.0						5.0	12.0	8.0		4.0			9.5	5.0		12.5
4- 5	8.5							2.0			1.0	6.5							1.0				
5- 6				7.0				5.5			5.5	1.5							5.5				7.0
6- 7	6.5		6.5				1.5	9.0						5.0	2.0		10.5					6.5	9.0
7- 8		6.5	3.5										3.0		4.5							5.5	
8- 9	4.5	3.0	1.0	2.0				2.0	7.0			5.5			7.0				1.5			4.5	
9-10								5.0				0.5				8.5						7.5	6.0
10-11	3.0				4.0	1.0		8.5					6.0	6.5						0.5		7.0	
11-12											4.5		1.0		1.0			8.0	5.5	5.5	6.0		
12-13	1.0			6.0				1.5				4.5			3.5	3.5					5.0		
13-14	7.5	6.5					2.5	5.0	2.5					4.0	8.5	8.5							7.0
14-15		3.0	7.0					8.5						4.0	8.5	8.5							6.5
15-16	6.0		4.0	1.0																			5.5
16-17			1.5					1.5				4.0			0.0		5.0		0.5	10.5			5.5
17-18	4.0				3.0	2.0		5.0			3.5			1.5	2.5				5.5				4.5
18-19								8.5		5.5			2.0	10.0	5.0							7.5	
19-20	2.0	7.0		5.0											7.5		11.5					7.0	
20-21	9.0	3.5					3.5	1.5				3.0										6.0	
21-22	0.0	0.0			7.0			5.0		2.5			5.5	3.5				2.5				5.0	
22-23	7.0		7.5					8.5					0.0	12.0	1.5					0.5			
23-24			4.5								2.5	7.0			4.0	9.0			5.0				7.5
24-25	5.0		2.0		2.0	3.0		1.5			7.0	2.0			6.5		9.0			6.0			6.5
25-26		7.0						4.5					3.5	5.0	9.0								5.5
26-27	3.0	4.0		4.0				8.0								4.5	0.0						4.5
27-28		0.5					4.5					6.5			0.5								10.5
28-29	1.5				6.0			1.0				1.5	6.5		3.0				0.0		7.0		
29-30	8.0							4.5			1.5		1.5	7.0	5.5		6.5		5.0	11.0	6.0		7.5
30-31			8.0					8.0			6.0				8.0						5.0		

	EW	FL	RU	RU	RW	BB	BO	U	SX	V508	V839	1010	EQ	ER	ER	ET	FL	FT	FZ	FZ	GU	GU	U	
	LYR	LYR	MON	MON	MON	MON	MON	OPH	OPH	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	PEG	
MAX	11.2	8.7	10.6	10.6	9.1	10.6	10.8	5.8	10.5	10.1	8.8	6.2	10.3	9.5	9.5	11.2	10.5	9.1	10.7	10.7	12.6	12.6	9.7	
MIN	13.6	9.5	11.3	11.3	11.9	11.3	12.1	6.5	11.2	10.7	9.4	7.0	13.3	10.2	10.2	12.4	13.2	9.7	11.3	11.3	13.5	13.5	10.5	
DUR	5	4	5	5	5	4	5	5	5	3	3	4	4	3	3	5	3	4	3	3	4	4	3	
TOT					1		1																	
				(S)											(S)					(S)		(S)		
0- 1	6.5	5.5	8.0		9.5		12.0			1.0			11.0	9.0		12.5					9.5	8.5	3.5	
1- 2				11.5						2.0	3.0	2.0				11.5	6.5		9.5			7.0	6.5	
2- 3	5.5				7.5	8.5				2.5			5.0		6.5	10.0					9.5	11.5	5.5	0.5
3- 4										3.5	4.0	1.5		8.0		9.0				9.5	10.0		3.5	
4- 5	4.0								0.0	4.5					9.5	7.5	9.0	8.5		9.5	8.5		6.5	
5- 6												1.0			6.0	6.5				9.5	7.0		0.5	
6- 7	3.0								1.5		0.5			7.0		5.5				9.5	5.5	11.5	3.5	
7- 8			12.0			11.5						0.5	11.0		8.5		11.5	12.0	9.5			10.0	6.5	
8- 9	1.5										1.5			10.0						9.5		8.5	0.5	
9-10							9.5			0.0		0.0		6.5						9.5		7.0	3.5	
10-11	0.5					9.5				1.0	3.0				7.5					9.5	11.5	5.5	6.5	
11-12		3.0								2.0				9.0					9.5		10.0		0.5	
12-13										2.5	4.0			5.5						9.5	8.5		3.5	
13-14		7.0				8.0				3.5					7.0				9.5		7.0		6.5	
14-15										4.5			10.5	8.0						9.5	5.5		0.5	
15-16											0.5				9.5		5.5		9.5			10.0	3.5	
16-17															6.0					9.5		8.5	6.5	
17-18											1.5			7.5						9.5		7.0	0.5	
18-19						11.0									9.0		8.0			9.5		5.5	3.5	
19-20				9.5	11.0					0.0	2.5								9.5		10.0		6.5	
20-21										1.0				6.5		11.5				9.5	8.5		0.5	
21-22					9.0	9.5				2.0	4.0		10.0		8.0	10.5	10.5		9.5		7.0		3.5	
22-23		0.5								2.5				9.5		9.5				9.5	5.5		6.5	
23-24					6.5					3.5				5.5		8.0		6.0	9.5			10.0	0.5	
24-25		4.5				8.0				4.5	0.5				7.0	7.0			9.5			8.5	3.5	
25-26			10.0											8.5		6.0			9.5			7.0	6.5	
26-27											1.5				10.0	4.5		9.5		9.5		5.5	0.5	
27-28								0.0							6.0				9.5		10.0		3.5	
28-29											2.5		9.5	7.5						9.5	8.5		6.5	
29-30						11.0	10.5			0.0					9.0				9.5		7.0		0.5	
30-31										1.0	4.0									9.5	5.5		3.5	

	RW	RZ	TY	WY	AC	AM	EQ	EQ	V	X	RV	W	TX	TY	TY	UX	VV	XZ	ZZ	RU	AG	Z	AW
	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	VIR	VUL	VUL
MAX	8.0	10.5	11.5	11.5	10.5	10.4	10.3	10.3	10.9	8.9	11.4	9.1	6.8	11.7	11.7	12.7	10.1	10.1	9.8	10.7	8.8	7.4	10.8
MIN	12.5	11.2	12.0	11.7	12.3	12.3	11.0	11.0	11.9	12.0	12.5	9.9	8.9	12.4	12.4	13.8	11.0	11.7	11.2	11.4	9.4	9.2	11.9
DUR	4	3	2	4	6	5	3	3	4	4	4	3	6	3	3	1	3	3	4	4	4	6	5
TOT	1																						
								(S)								(S)							
0- 1		5.0	7.5	12.5		11.0	4.5		4.0	1.5	6.5	6.5		1.5		1.5		8.0		2.5			
1- 2			9.0	5.0			5.0		8.0	0.5	0.5	6.5					11.0			3.5			
2- 3		7.0	11.0			12.0	5.5		12.0			6.5			0.5	0.5				5.0			
3- 4				7.0			6.0		2.0		6.5	6.5			2.0					6.0			5.0
4- 5		9.0					6.5	2.5	6.0		1.0	6.5					5.0			7.0	12.0		0.5
5- 6		5.0		9.0			7.0	3.0	10.5			6.5		0.5						8.5			
6- 7							8.0	3.5	0.5		7.0	6.5		2.0			6.5	10.5	6.5	9.5			
7- 8	7.5	7.0		10.5				4.5	4.5		1.0	6.5			8.0					10.5			5.5
8- 9								5.0	8.5			6.5			1.0		8.0			12.0			1.0
9-10		8.5						5.5			7.5	6.5				2.5				0.5		6.0	
10-11		4.5		5.0				6.0	2.5		1.5	6.5	8.5	8.5			9.5			1.5			
11-12							2.5	6.5	6.5			6.5		1.5		2.0		8.0		3.0			6.5
12-13		6.5	4.0	7.0			3.0	7.0	11.0		8.0	7.0					11.0			4.0			2.0
13-14			5.5				3.5	7.5	1.0		2.0	7.0	10.0		0.0	1.0			4.0	5.5	12.0		
14-15		8.5	7.5	9.0			4.0		5.0			7.0			1.5					6.5		3.5	
15-16		4.5	9.5				5.0		9.0		8.0	7.0				0.5	5.0		11.5	7.5			7.5
16-17			11.0	11.0			5.5				2.0	7.0	11.5	0.5						9.0			2.5
17-18		6.0					6.0		3.0			7.0		2.0			6.5	10.5		10.0			
18-19	9.0						6.5	2.5	7.5	12.5	8.5	7.0			7.5					11.5			
19-20		8.0		5.5			7.0	3.0	11.5	11.5	2.5	7.0			0.5		8.0					1.5	
20-21		4.0					7.5	3.5	1.5	11.0		7.0			2.5	3.0			1.5	1.0			3.5
21-22	3.5			7.0				4.0	5.5	10.5	9.0	7.0		8.0			9.5			2.5			
22-23		6.0			4.5			4.5	9.5	9.5	3.0	7.0		1.0		2.0		8.0	9.0	3.5	11.5		
23-24				9.0				5.5		9.0		7.0					11.0			4.5			
24-25		8.0			5.5			6.0	3.5	8.5	9.0	7.0			8.5	1.5				6.0			4.0
25-26		4.0		11.0			2.5	6.5	8.0	7.5	3.5	7.0			1.5					7.0			
26-27		9.5	4.0		7.0		3.0	7.0	12.0	7.0		7.0				0.5				8.5			
27-28		5.5	6.0				3.5	7.5	2.0	6.0	9.5	7.0		0.0						9.5			
28-29			7.5	5.5	8.0		4.0		6.0	5.5	3.5	7.0		1.5			6.5	10.5		10.5			5.0
29-30	11.0	7.5	9.5				4.5		10.0	5.0		7.0							6.5	12.0			0.5
30-31		3.5	11.5	7.5	9.0		5.5		0.0	4.0	10.0	7.0			0.5		8.0			0.5			

	AY	BE	BO	BS	BT	BU	CD
	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	12.9	11.4	13.3	11.5	12.5	11.4	12.6
DUR	4	5	4	3	3	3	4
TOT							
0- 1	7.5			0.0	5.5		
1- 2		6.0					1.5
2- 3						2.5	
3- 4						6.0	2.5
4- 5							
5- 6	3.5			5.5			3.5
6- 7				4.5		2.0	
7- 8				3.5	1.5	5.5	5.0
8- 9				2.0	5.0		
9-10		0.5		1.0			6.0
10-11						1.5	
11-12						5.0	7.5
12-13		3.0					
13-14							
14-15				6.5		1.5	1.0
15-16		5.5		5.5	1.5	4.5	
16-17				4.5	5.0	8.0	2.5
17-18	5.0			3.0			
18-19				2.0		1.0	3.5
19-20				1.0		4.0	
20-21						7.5	5.0
21-22							
22-23	0.5					0.5	6.0
23-24					1.0	3.5	
24-25			6.0	6.5	4.5	7.0	7.0
25-26				5.5			
26-27		2.0	4.5	4.5		0.0	
27-28				3.0		3.5	1.0
28-29			3.5	2.0		6.5	
29-30	6.5	4.5		1.0			2.0
30-31			2.0				

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	RT	TW	UU	WZ	XZ	AB	AB	AD	BD	BX	DS	DS	CX	CZ	XZ	OO	OO	V342	V343	V346	SS	SS	WW	
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQL	AQL	AQL	AQL	AQL	AQL	ARI	ARI	AUR	
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	10.7	10.3	9.3	9.2	9.2	9.0	10.6	9.0	10.1	10.1	5.7	
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	12.0	11.2	11.2	10.1	10.1	12.5	12.3	10.4	11.1	11.1	6.4	
DUR	3	11	8	4	3	3	3	4	3	4	4	4	3	3	7	3	3	7	4	4	3	3	5	
TOT		2																3						
							(S)	(S)				(S)					(S)					(S)		
0- 1				10.5		0.5	4.5		8.0	10.5		8.5				3.0					2.5	7.5		
1- 2	3.5			3.0	4.0	0.5	4.5		6.5	1.0		8.5				3.5					7.5	2.5		
2- 3	9.5					0.5	4.5		4.5	6.5		9.0				3.5					3.0	8.0		
3- 4	0.5	3.0		5.0		0.5	4.5	10.5	3.0	11.5		9.0	1.5			4.0					8.5	3.5		
4- 5	7.0					0.0	4.0	10.0	1.0	2.0		9.5	4.0	6.0	1.0				1.0		4.0	8.5	3.0	
5- 6				7.5	6.0	0.0	4.0	10.0		7.5		9.5		3.0							9.0	4.0		
6- 7	4.0		10.0			0.0	4.0	9.5	8.5			10.0									4.5	9.5		
7- 8	10.5	6.0		9.5		8.0	4.0	9.0	7.0	3.5		10.0									0.0	5.0		
8- 9	1.5			2.0		8.0	4.0	9.0	5.0	8.5		10.5	1.5								5.5	0.5		
9-10	7.5		9.5		7.5	7.5	3.5	8.5	3.5			10.5	4.5								1.0	0.5	5.5	4.0
10-11				4.0		7.5	3.5	8.0	1.5	4.5		11.0					0.5				3.5	6.0	1.0	
11-12	5.0	9.0				7.5	3.5	8.0		10.0		11.0		4.0			0.5	2.5			1.5	6.5		
12-13			9.0	6.0	0.5	7.5	3.5	7.5	9.0	0.5		11.5		0.5			1.0				6.5	2.0		
13-14	2.0				9.0	7.5	3.5	7.0	7.5	6.0		11.5	1.5				1.0				2.0	7.0		
14-15	8.5			8.5		7.0	3.0	7.0	5.5	11.0		12.0	4.5				1.5				7.5	2.5	5.5	
15-16			8.0	1.0		7.0	3.0	6.5	3.5	2.0	0.0						2.0		2.5		3.0	8.0		
16-17	5.5			10.5	2.5	7.0	3.0	6.0	2.0	7.0	0.5						2.0				8.0	3.0		
17-18				3.0	11.0	7.0	3.0	6.0	0.0	12.5	0.5			5.0			2.5				3.5	8.5		
18-19	3.0		7.5			7.0	3.0	5.5	9.5	3.0	1.0		2.0	1.5			3.0				9.0	4.0		
19-20	9.0			5.0		6.5	2.5	5.0	7.5	8.5	1.0		4.5		0.5		3.0			0.0	4.5	9.0	6.5	
20-21	0.0				4.0	6.5	2.5	5.0	6.0		1.5						3.5			2.5	9.5	4.5		
21-22	6.5		7.0	7.5		6.5	2.5	4.5	4.0	4.0	1.5				3.5		4.0				5.0	0.0		
22-23						6.5	2.5	4.0	2.5	9.5	2.0						4.0				0.5	5.5		
23-24	3.5			9.5		6.0	2.5	4.0	0.5	0.0	2.0		2.0	5.5							6.0	1.0		
24-25	10.0		6.0	2.0	6.0	6.0	2.0	3.5	10.0	5.5	2.5		4.5	2.5							1.0	6.0	7.5	
25-26	1.0					6.0	2.0	3.0	8.0	10.5	2.5										6.5	1.5		
26-27	7.0			4.0		6.0	2.0	3.0	6.5	1.5	3.0										2.0	7.0		
27-28			5.5			6.0	2.0	2.5	4.5	6.5	3.0								4.5		7.0	2.5		
28-29	4.5			6.0	7.5	5.5	1.5	2.0	3.0	12.0	3.5		2.0			0.0		1.5	0.5		2.5	7.5		
29-30	10.5					5.5	1.5	2.0	1.0	2.5	3.5		4.5			0.5					8.0	3.0	9.0	

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	WW	AP	AP	AR	AR	CL	EP	HP	HP	TY	TY	TZ	TZ	Y	SV	AL	CD	CD	R	RT	SX	TU	TZ
	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	BOO	BOO	BOO	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA	CMA	CMA
MAX	5.7	10.9	10.9	6.0	6.0	11.7	10.8	10.8	10.8	11.8	11.8	10.6	10.6	10.6	8.6	10.5	11.6	11.6	6.2	11.4	10.3	9.7	9.8
MIN	6.4	11.4	11.4	6.7	6.7	13.2	11.3	11.5	11.5	12.3	12.3	11.1	11.1	12.4	9.4	11.3	11.8	11.8	6.8	12.9	11.4	10.7	10.5
DUR	5	4	4	5	5	4	3	3	3	3	3	3	3	6	3	5	5	5	4	5	4	4	4
TOT	(S)		(S)		(S)				(S)		(S)		(S)				(S)						
0- 1	8.0	5.0	12.0	6.5			7.5	10.0		0.5		1.0		6.5			6.5		9.0		10.0		
1- 2		8.5					12.0		3.0					9.0	11.0	7.0	10.0	0.5			9.0		
2- 3		11.5	5.0		8.0										1.5		4.0						9.5
3- 4			8.0			3.5	6.5	6.0		0.5		0.5		6.0			7.5	9.0					
4- 5		4.5	11.5	9.5		9.0	11.0							10.5		11.0	2.0	12.5	6.0				
5- 6	9.0	8.0							9.5					0.5	6.5	5.5							
6- 7		11.5	4.5		11.5		5.5	2.5						5.0			9.0				6.0		
7- 8			8.0				9.5	12.5				0.5		9.5		12.5	3.5						
8- 9		4.5	11.0	13.0		3.0			5.5							7.0						7.5	
9-10		7.5				8.5	4.0							4.0	6.5	1.5	10.5		10.0	12.0	10.5		
10-11	10.5	11.0	4.0				8.5	9.0		0.0		0.0		8.5			5.0						
11-12			7.5				13.0		2.0				1.0	7.0			8.5		8.0				
12-13		4.0	10.5				3.0		12.0						3.5		2.5	12.0	11.5				
13-14		7.0				2.5	7.5	5.0			0.5			8.0	6.0		6.0		7.5				
14-15		10.5	3.5			8.0	12.0						0.5	12.5		9.5	0.5				9.0		
15-16	11.5		7.0						8.5			1.5		2.5		4.0							
16-17		3.5	10.5				6.5	1.5		1.0				7.0			7.5						
17-18		7.0					11.0	11.5						11.5	5.5	11.0	2.0					8.0	
18-19		10.0	3.5			1.5			4.5			0.5		1.5		5.5			11.5		11.0		
19-20			6.5			7.5	5.5							6.0			9.0	7.0			6.0		
20-21	13.0	3.0	10.0				9.5	8.0						10.5		12.5	3.0	10.0					
21-22		6.5							1.0					5.0	1.0	5.0	6.5						12.5
22-23		10.0	3.0				4.5		11.0				1.0	5.5		1.0	10.0		8.5	12.0			
23-24			6.5			1.0	8.5	4.0		0.0				10.0			4.5						
24-25			9.5			7.0							12.5	0.0		8.0							
25-26		6.0		2.0		13.0	3.0		7.5			0.0		4.5	5.0	2.5	11.5						8.0
26-27		9.5					7.5				0.5	1.0		9.0	12.5		6.0		6.0		8.5		
27-28		13.0	6.0		3.5		12.0	10.5								9.5	0.5		13.0	8.5	11.5		
28-29	2.5		9.5						3.5					3.5		4.0	13.0	9.0					
29-30		6.0	12.5	5.0		6.5	6.5			1.0		0.5		8.0	4.5		7.5	12.0					

	TZ	UU	XZ	AK	TY	RZ	TV	AB	CW	CW	DZ	IR	IS	IV	MM	OR	PV	PV	V364	V364	V375	U	SU
	CMA	CMA	CMI	CMI	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP
MAX	9.8	10.0	9.7	10.1	10.5	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.2	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8
MIN	10.5	12.5	10.2	11.5	11.6	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	12.5	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8
DUR	4	5	3	4	4	4	4	4	3	3	4	4	5	5	5	4	3	3	4	4	5	4	4
TOT																						2	
	(S)									(S)								(S)		(S)			
0- 1	13.0		6.0	13.0					1.0	5.0	9.5	6.5	3.0	6.5	3.5					9.0	12.5		5.0
1- 2			9.5			1.5	1.5		7.5	3.5	4.5			6.5	7.5		12.0		3.5			1.5	2.5
2- 3				5.5		6.5		2.5	6.5	2.5		7.5		6.5	11.0			9.5					0.0
3- 4				9.0		11.0		11.5	5.5	1.5				6.5		3.0	6.0			11.0	11.0		
4- 5	8.5		7.0	12.0					4.5	0.5	8.0	8.5		6.5		9.0		3.5	5.5				
5- 6			11.0						3.5	7.0	2.5	0.5		6.5						0.0			
6- 7							12.0	5.0	2.5	6.0		9.5		6.5							9.5	1.0	
7- 8				8.0	0.0	1.0			1.5	5.0	11.0	1.5	12.0	6.0	2.5				7.5				10.0
8- 9			8.5	11.0		6.0	7.5		0.5	4.0	6.0	10.5		6.0	6.0	2.5	12.0			2.0		13.0	7.5
9-10			12.0			10.5			7.0	3.0	1.0	2.5	8.0	6.0	10.0	8.5		9.5			8.5		5.0
10-11		9.0					3.0	7.5	6.0	2.0				6.0			6.0		9.5				3.0
11-12			6.0	7.0					5.0	1.0	9.5	3.5	4.0	6.0				3.5		4.0		0.5	0.5
12-13			9.5	10.0					3.5	7.5	4.0			6.0							7.0		
13-14						0.5		1.0	2.5	6.5		4.5	0.5	6.0		2.0			11.5			12.5	
14-15					3.0	5.0		10.0	1.5	5.5				6.0	1.0	8.0				6.5			
15-16			7.0	6.0		10.0			0.5	4.5	7.5	6.0		6.0	5.0		12.0		1.0		6.0		
16-17			11.0	9.0					7.0	3.5	2.5			6.0	8.5			9.5				0.5	
17-18				12.5			9.0	3.5	6.0	2.5		7.0		6.0	12.5		6.0			8.5			8.0
18-19								12.5	5.0	1.5	11.0			6.0		2.0		3.5	3.0		4.5	12.0	5.5
19-20			8.5				4.5		4.0	0.5	6.0	8.0		6.0		7.5	0.0						3.0
20-21			12.0	8.0		4.5			3.0	7.0	0.5	0.0	9.0	6.0						10.5			0.5
21-22				11.5		9.5		6.0	2.0	6.0		9.0		5.5					5.0		3.5		
22-23			6.0						1.0	5.0	9.0	1.0	5.5	5.5	4.0								
23-24	11.5	9.0	9.5						7.5	3.5	4.0	10.0		5.5	7.5	1.5		9.5				12.0	
24-25				7.5	2.0				6.5	2.5		2.0	1.5	5.5	11.5	7.5	6.0		7.0		2.0		
25-26				10.5				8.5	5.5	1.5		11.0		5.5				4.0		1.5			
26-27			7.0			4.0	10.5		4.5	0.5	7.5	3.0		5.5			0.0						8.0
27-28	7.0		11.0			9.0			3.5	7.0	2.0			5.5					9.0		1.0		6.0
28-29				6.5			6.0	2.0	2.5	6.0		4.0		5.5		1.0				3.5	12.0	11.5	3.5
29-30				9.5				11.0	1.5	5.0	10.5			5.5	2.5	7.0							1.0

	WZ	WZ	XX	DL	DV	EG	SS	SS	SS	U	RW	RV	V	SW	WW	ZZ	AE	BR	CG	DK	KV	V346	V387
	CEP	CEP	CEP	CEP	CEP	CEP	CET	COM	COM	CRB	CRB	CRV	CRT	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	11.7	11.7	8.5	12.4	11.6	9.6	9.4	10.9	10.9	7.6	10.1	9.0	9.5	9.3	9.9	10.7	11.8	9.4	11.0	10.3	11.5	11.8	11.5
MIN	11.3	11.1	9.6	13.2	12.4	10.6	13.0	11.5	11.5	8.8	10.6	10.0	10.2	11.8	13.2	12.0	12.8	10.5	11.8	10.8	12.6	13.6	12.3
DUR	3	3	4	5	4	3	5	4	4	5	4	4	4	5	5	4	4	4	3	4	5	5	3
TOT							2							2									
			(S)						(S)														
0- 1	4.5	9.5	8.0	2.5		10.5													5.0	6.0			6.0
1- 2	0.5	5.5				12.5	4.0									0.0					4.5		
2- 3	6.5	1.5			1.0	1.5					0.5					6.5			2.5	3.0	4.0		4.5
3- 4	2.5	7.5		8.5	5.0	4.0			10.0									4.0		2.0			
4- 5	8.5	3.5			9.0	6.0	3.0						12.5							0.5			2.5
5- 6	4.5	9.5	0.5		13.0	8.0													6.0		0.0		
6- 7	0.5	5.5				10.0										1.0							0.5
7- 8	6.5	1.5	8.5			12.5	2.5									7.0		4.0	3.5	7.5			
8- 9	3.0	8.0		6.0		1.5															6.0		
9-10	9.0	4.0			0.5	3.5		9.5					10.5			4.5			1.0	4.5		1.0	5.5
10-11	5.0	10.0			4.5	5.5	2.0			0.5										3.0			
11-12	1.0	6.0			8.5	8.0							13.0	1.5		1.5		4.0		2.0			3.5
12-13	7.0	2.0	0.5		12.0	10.0						13.0								4.5	0.5		
13-14	3.0	8.0		3.5		12.0	1.5																1.5
14-15	9.0	4.0	9.0			1.0																	
15-16	5.0	0.0				3.5						12.5		6.0		6.5	4.0						
16-17	1.0	6.0		9.5		5.5	0.5						11.0			2.0	5.5				6.0		6.5
17-18	7.0	2.0			4.0	7.5											5.0		6.0	4.5			
18-19	3.0	8.0		1.0	7.5	10.0				0.0	12.5						4.0			3.5			4.5
19-20	9.5	4.0	1.0		11.5	12.0										5.5	3.5	3.5	3.5	2.0	4.5		
20-21	5.5	0.5				1.0					13.0			5.0			2.5			0.5		0.5	3.0
21-22	1.5	6.5	9.0	7.0		3.0						12.0				3.0	2.0		1.0				
22-23	7.5	2.5				5.5		9.5									1.0				1.0		1.0
23-24	3.5	8.5				7.5							11.5			0.0	0.5	3.5					
24-25	9.5	4.5			3.0	9.5						12.0				6.5			4.5	6.0			
25-26	5.5	0.5			7.0	11.5									5.0						4.5		6.0
26-27	1.5	6.5	1.5	4.5	11.0	1.0										3.5			2.0	3.5			
27-28	7.5	2.5				3.0						11.5						3.5		2.0			4.0
28-29	3.5	8.5	9.5			5.0										1.0				0.5		6.0	
29-30	9.5	4.5		11.0		7.0										7.0			5.5				2.0

	V388	V456	V466	V466	V477	V477	V704	W	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	AI	TZ	YY	YY	RW	AF
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	DRA	ERI	ERI	ERI	GEM	GEM
MAX	9.7	10.8	10.8	10.8	8.3	8.3	13.8	9.4	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	7.2	9.8	8.4	8.4	9.6	10.2
MIN	10.3	11.9	11.6	11.6	9.2	8.7	14.6	12.7	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	8.2	12.6	9.1	9.1	11.6	11.3
DUR	3	3	4	4	4	4	4	7	5	4	4	3	4	3	5	5	5	4	4	3	3	5	4
TOT								2							1				1			1	
				(S)		(S)											(S)				(S)		
0- 1		5.0		1.0	4.0																4.5		
1- 2	4.0	2.5					1.0				0.5	4.5		12.5		12.5					3.5	7.5	4.0
2- 3	1.0		3.0				4.5						8.5	2.0							2.5	6.5	9.0
3- 4						5.5	8.0						4.5				3.5	0.0				5.5	
4- 5				5.0						0.5	4.5		7.0									5.0	
5- 6							1.0			5.0		2.5	1.5									4.0	
6- 7							4.5	3.0					10.5	11.5	10.0		10.0		7.0	7.0	3.0		
7- 8	4.5				5.0		8.0						1.0								6.0		8.0
8- 9	1.0	5.5									4.0		3.5		1.0						5.0		
9-10		3.0	2.0				1.0					0.5	3.5	6.0	5.5						4.5		
10-11		0.5					4.5		5.0				12.0								3.5	7.5	
11-12				4.0			7.5			4.0						7.5			12.0	2.5	6.5		
12-13											3.0	3.5			0.5						5.5		7.5
13-14	5.0						0.5		2.0				5.0	2.5							5.0		
14-15	1.5						4.0							5.0					2.5		4.0		
15-16							7.5							7.0						7.0	3.0	12.0	
16-17		6.0	1.0								2.0	1.5					5.0				6.0		
17-18		3.5					0.5			3.0			7.0	12.0							5.5		7.0
18-19		1.0		3.0			4.0							1.5							4.5	8.5	13.0
19-20	5.0						7.5					5.0		4.0			11.0		7.5	3.5	7.5		
20-21	1.5		5.0								1.5		0.0	6.0	11.0						2.5	6.5	
21-22							0.5						8.5			2.0					5.5	5.5	
22-23							4.0											4.5			5.0		6.5
23-24			0.0				7.5			1.5		3.0		0.5	6.0						4.0		12.0
24-25											0.5		2.0	3.0		8.5					7.0	3.0	
25-26	5.5	4.0		2.0			0.5						10.5	5.0							6.0		
26-27	2.0	1.5					4.0								1.5						5.5		
27-28			4.0				7.0				4.5	1.0							3.0		4.5		5.5
28-29													3.5	12.5				4.5			3.5	7.5	11.5
29-30						1.0	0.5			0.5			12.0	1.5			6.0				2.5	6.5	

	SZ	UX	CC	CT	AV	DF	DF	DI	DK	SW	SW	VX	CM	CO	CO	Y	UU	UV	VZ	RR	RY	UZ	EW
	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	LAC	LAC	LAC	LAC	LAC	LAC	LEO	LEO	LEO	LEO	LEP	LYN	LYR	LYR
MAX	10.2	8.9	9.5	9.9	10.2	11.0	11.0	11.0	10.5	9.2	9.2	10.9	8.5	10.5	10.5	9.5	11.4	9.5	10.6	10.2	11.9	9.8	11.2
MIN	12.0	9.8	12.8	11.2	10.6	11.5	11.5	12.0	11.0	10.0	10.0	12.3	9.5	11.0	11.0	12.7	12.7	10.2	11.7	10.9	13.3	11.0	13.6
DUR	4	5	4	4	4	4	4	4	4	3	3	4	4	5	5	5	4	3	4	4	4	5	5
TOT																							
							(S)				(S)				(S)								
0- 1										5.0	1.0		8.5		4.0		11.5						
1- 2		1.5							11.0	4.0	0.0							8.5			6.5		
2- 3										3.0	7.0												
3- 4					7.5				9.5	2.0	6.0				6.0				7.0	12.5			
4- 5								13.0	10.5	1.5	5.0			1.5		7.5		8.5	9.0	10.5		3.5	
5- 6				0.0	8.5				11.5	0.5	4.0		4.0				12.5		11.0	8.0			
6- 7								9.0		7.0	3.5				8.0					6.0		1.0	
7- 8					10.0		8.0			6.0	2.5			3.5				8.5		4.0			
8- 9	2.0						7.5			5.5	1.5										10.5		
9-10					11.0		7.5	11.0		4.5	0.5				10.5	9.0							
10-11							7.5			3.5	7.5	2.0		5.5				8.5					
11-12					12.5		7.0			2.5	6.5	3.5									7.5		
12-13							7.0	12.5		1.5	5.5	5.5											3.5
13-14							6.5			1.0	4.5	7.0	4.5	7.5				8.5					
14-15			0.5				6.5	9.0	8.5	7.5	3.5				1.5	10.5				12.0	4.5		2.5
15-16		0.0					6.5		9.5	6.5	3.0								6.5	10.0			
16-17					7.0				11.0	6.0	2.0			9.5				8.5	8.5	8.0			1.0
17-18	2.0							10.5	12.0	5.0	1.0				3.5				11.0	6.0			
18-19		2.5			8.5					4.0	0.0									4.0	11.5		
19-20										3.0	7.0					12.0		8.5					
20-21					9.5			12.5		2.0	6.0				5.5								
21-22										1.0	5.0		5.0	0.5							8.5	4.0	
22-23					11.0			9.0		0.5	4.0						7.5	8.5					
23-24										7.0	3.5				7.5							1.5	
24-25					12.0					6.0	2.5	1.0		2.5								5.5	
25-26								10.5		5.5	1.5	3.0						8.5		11.5			
26-27	1.5								9.0	4.5	0.5	4.5	0.5		9.5					9.5			
27-28									10.0	3.5	7.5	6.5		4.5			8.5		6.5	7.5			
28-29						8.0		12.5	11.0	2.5	6.5	8.0						8.5	8.5	5.5	12.5		
29-30						7.5			12.0	1.5	5.5		5.5						10.5				

	FL	RU	RU	RW	AT	BB	BO	U	V508	V839	EQ	ER	ER	ET	FL	FT	FZ	FZ	GU	GU	U	U	TY
	LYR	MON	MON	MON	MON	MON	MON	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	PEG	PEG	PEG
MAX	8.7	10.6	10.6	9.1	10.6	10.6	10.8	5.8	10.1	8.8	10.3	9.5	9.5	11.2	10.5	9.1	10.7	10.7	12.6	12.6	9.7	9.7	10.5
MIN	9.5	11.3	11.3	11.9	11.4	11.3	12.1	6.5	10.7	9.4	13.3	10.2	10.2	12.4	13.2	9.7	11.3	11.3	13.5	13.5	10.5	10.5	12.6
DUR	4	5	5	5	5	4	5	5	3	3	4	3	3	5	3	4	3	3	4	4	3	3	6
TOT				1			1																
			(S)									(S)						(S)		(S)		(S)	
0- 1									2.0			6.5					9.5	4.5	4.5	10.0	6.5	2.0	
1- 2						9.5		1.0					8.0	7.0			4.5	9.5		8.5	0.5	5.0	6.0
2- 3										0.5		9.5	4.5				9.5	4.5		7.0	3.5	8.0	
3- 4												6.0					4.5	9.5		5.5	6.0	2.0	
4- 5	2.0					7.5				1.5	9.5		7.0	9.5			9.5	4.5	10.0	4.5	0.0	4.5	
5- 6					6.0							8.5	3.5				4.5	9.5	8.5		3.0	7.5	
6- 7			7.5			12.5					3.0	5.0	10.0				9.5	4.5	7.0		6.0	1.5	
7- 8				12.5	6.5	6.0	8.0						6.5	12.0			4.5	9.5	6.0		0.0	4.5	
8- 9									0.0			8.0		12.0			9.5	4.5	4.5	10.0	3.0	7.5	
9-10				10.0	7.5	10.5			1.0			4.0	9.0	11.0			4.5	9.5		8.5	6.0	1.5	
10-11									2.0				5.5	10.0			9.5	4.5		7.0	0.0	4.5	
11-12				8.0	8.0					0.5	9.0	7.0		8.5		3.5	4.5	9.5		6.0	3.0	7.5	
12-13		8.5				9.0							8.5	7.5	3.5		9.5	4.5	10.0	4.5	6.0	1.5	
13-14			12.0	5.5	8.5					1.5		9.5	4.5	6.5			4.5	9.5	8.5		0.0	4.5	
14-15												6.0		5.0		7.0	9.5	4.5	7.0		3.0	7.5	
15-16					9.5	7.5							7.5	4.0	6.0		4.5	9.5	6.0		6.0	1.5	
16-17												9.0	4.0	2.5			9.5	4.5	4.5	10.0	0.0	4.5	
17-18	3.5				10.0	12.0						5.0				11.0	4.5	9.5		8.5	3.0	7.5	
18-19						5.5	11.0		0.0		8.5		6.5		8.5		9.5	4.5		7.0	6.0	1.5	
19-20		12.5			11.0				1.0			8.0					4.5	9.5		6.0	0.0	4.5	
20-21						10.5			2.0	0.5		4.5	9.5				9.5	4.5	10.0	4.5	3.0	7.5	
21-22					11.5				2.5				5.5		11.0		4.5	9.5	8.5		6.0	1.5	
22-23										1.5		7.0					9.5	4.5	7.0			4.5	
23-24					12.0	9.0						3.5	8.5				4.5	9.5	6.0		3.0	7.5	
24-25			6.0									10.0	5.0				9.5	4.5	4.5	10.0	6.0	1.5	
25-26					13.0						8.0	6.0					4.5	9.5		8.5		4.5	
26-27						7.0							7.5				9.5	4.5		7.5	3.0	7.5	
27-28							8.5					9.0	4.0	12.5			4.5	9.5		6.0	6.0	1.5	
28-29	1.0			11.5		12.0			0.0			5.5		11.5			9.5	4.5	10.0	4.5		4.5	
29-30						5.5			1.0	0.5			7.0	10.5	5.0		4.5	9.5	8.5		3.0	7.5	2.0

	AQ	BB	BB	BX	DI	GP	Z	RT	ST	XZ	BETA	Y	UZ	UZ	U	V505	1968	AO	RW	RZ	TY	WY	AC
	PEG	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PSC	PUP	PUP	SGE	SGR	SGR	SER	TAU	TAU	TAU	TAU	TAU
MAX	10.3	10.6	10.6	10.9	9.6	10.2	9.9	10.6	9.7	10.6	2.2	9.0	9.7	9.7	6.4	6.4	12.3	10.6	8.0	10.5	11.5	11.5	10.5
MIN	13.0	11.2	11.2	11.5	10.8	11.0	12.4	12.0	13.2	12.7	3.5	12.0	10.6	10.3	9.1	7.6	13.3	12.1	12.5	11.2	12.0	11.7	12.3
DUR	12	3	3	3	2	4	6	4	5	4	8	7	4	4	6	5	4	4	4	3	2	4	6
TOT	4						2		1						2				1				
			(S)											(S)									
0- 1		0.0	4.5	2.5			3.0	0.5		8.5			12.0							9.5			
1- 2		2.5	6.5	5.0	5.5					12.0	2.0		7.0						5.5	5.5		9.5	10.0
2- 3		4.5		1.5										11.5		2.5	0.5			1.5			
3- 4		6.5	2.0	4.5			4.5	10.0						6.5						7.5		11.0	11.0
4- 5			4.0	0.5	1.5			6.0					11.0		3.0					3.0		4.0	
5- 6	3.5	1.5	6.0	3.5				2.5	5.0				6.5							9.0			12.0
6- 7		3.5		6.5	5.0		5.5			2.5				11.0						5.0		5.5	
7- 8		6.0	1.5	2.5						6.0													
8- 9			3.5	5.5	8.0			12.0		10.0		4.5	10.5			0.5				7.0	2.0	7.5	
9-10		1.0	5.5	1.5	1.0		7.0	8.5											12.5	3.0	4.0		
10-11		3.0		4.5				5.0	12.0					10.5						9.0	6.0	9.5	
11-12		5.0	1.0	1.0	4.5			1.5												5.0	8.0		
12-13			3.0	3.5		8.0	8.5						10.0					0.0	7.0		9.5	11.5	
13-14		0.5	5.0	6.5	7.5	7.5			3.5	0.5										6.5	11.5	4.0	
14-15		2.5	7.0	3.0	1.0	7.0		11.0		4.0				9.5						2.5			
15-16		4.5	0.5	5.5		6.5	10.0	7.0		7.5	10.0					2.5			1.5	8.5		6.0	
16-17	6.0	6.5	2.5	2.0	4.0	6.0		3.5		11.5			9.5							4.5			
17-18		0.0	4.5	5.0		5.0																7.5	
18-19		2.0	6.5	1.0	7.5	4.5	11.0		10.5		7.0			9.0						6.5			
19-20		4.0		4.0	0.5	4.0														2.5		9.5	
20-21		6.0	1.5	0.0		3.5		9.5					9.0							8.5			
21-22			4.0	3.0	3.5	3.0	12.5	6.0	2.0	2.0	3.5				1.0	0.5	1.0			4.5		11.5	
22-23		1.5	6.0	6.0		2.5		2.5		5.5				8.5							2.5	4.0	
23-24		3.5		2.0	7.0	1.5				9.0		6.0							9.0	6.0	4.0		
24-25		5.5	1.0	5.0		1.0				13.0	0.5		8.0							2.0	6.0	6.0	
25-26			3.0	1.5		0.5		12.0						13.0						8.0	8.0		
26-27		1.0	5.0	4.0	3.0			8.0	9.5					8.0					3.5	4.0	10.0	8.0	
27-28		3.0		0.5				4.5				0.0	12.5							10.0	11.5		
28-29		5.0	0.5	3.5	6.5			1.0					7.5			3.0				6.0		9.5	
29-30		7.0	2.5	6.0					1.0	3.5				12.0						2.0		2.5	

	AM	EQ	EQ	V	X	RV	W	W	TX	TY	TY	UX	VV	XZ	ZZ	RU	AG	AH	AK	BH	Z	AW	AX
	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	VIR	VIR	VIR	VIR	VUL	VUL	VUL
MAX	10.4	10.3	10.3	10.9	8.9	11.4	9.1	9.1	6.8	11.7	11.7	12.7	10.1	10.1	9.8	10.7	8.8	9.7	10.0	9.9	7.4	10.8	11.0
MIN	12.3	11.0	11.0	11.9	12.0	12.5	9.9	9.9	8.9	12.4	12.4	13.8	11.0	11.7	11.2	11.4	9.4	10.2	11.5	11.3	9.2	11.9	12.5
DUR	5	3	3	4	4	4	3	3	6	3	3	1	3	3	4	4	4	4	4	4	6	5	5
TOT																							
			(S)					(S)			(S)							(S)					
0- 1	2.5	6.0	1.5	4.5	3.5	4.0	7.0			6.5						1.5	11.5						
1- 2		6.5	2.5	8.5	3.0		7.0			8.0			9.5			3.0						5.5	
2- 3	3.5	7.0	3.0		2.0	10.0	7.0							8.0		4.0	10.0					1.0	
3- 4		7.5	3.5	2.5	1.5	4.5	7.0	3.0			6.5		11.0			5.0							
4- 5	5.0	8.0	4.0	6.5	1.0		7.0	3.0			8.0		3.5			6.5							
5- 6		0.5	4.5	10.5	0.0	10.5	7.5	3.5					12.5		4.0	7.5				12.5			
6- 7	6.0	1.0	5.0	0.5		4.5	7.5	3.5		7.0		1.0	5.0			9.0						2.0	
7- 8		1.5	6.0	5.0			7.5	3.5		8.5				5.0	11.0	10.0							
8- 9	7.0	2.5	6.5	9.0		11.0	7.5	3.5			6.0	0.0	6.5	10.5		11.0							
9-10		3.0	7.0			5.0	7.5	3.5			7.5					12.5	11.5						
10-11	8.0	3.5	7.5	3.0			7.5	3.5				9.0	8.0			1.0		9.5			3.5	2.5	
11-12		4.0	8.0	7.0		11.5	7.5	3.5		6.0						2.0	10.0						
12-13	9.0	4.5	0.5			5.5	7.5	3.5		7.5		8.0	9.5		1.5	3.5							
13-14		5.0	1.0	1.5			7.5	3.5						8.0		4.5							
14-15	10.0	5.5	1.5	5.5		11.5	7.5	3.5			6.5		11.0		8.5	6.0				12.0		3.5	
15-16		6.5	2.0	9.5		5.5	7.5	3.5			8.0		3.5			7.0					1.5		
16-17	11.0	7.0	3.0				7.5	3.5					12.5			8.0							
17-18		7.5	3.5	3.5		12.0	7.5	3.5		7.0			5.0			9.5							
18-19	12.0	8.0	4.0	7.5		6.0	7.5	3.5		8.5				5.0		10.5	11.5					4.0	
19-20		0.5	4.5			0.0	7.5	3.5				0.5	6.5	10.5		12.0							
20-21		1.0	5.0	2.0			7.5	3.5			7.0					0.5	10.0						
21-22		1.5	5.5	6.0		6.5	7.5	3.5			0.0	9.0	8.0		6.0	1.5		9.5					
22-23		2.0	6.0	10.0		0.5	7.5	3.5	6.0	6.0						3.0						5.0	
23-24		2.5	7.0	0.0	11.0		7.5	3.5		7.5		8.5	9.5			4.0						0.5	
24-25		3.5	7.5	4.0	10.5	7.0	7.5	3.5						8.0		5.0							
25-26		4.0	8.0	8.0	9.5	1.0	7.5	3.5	7.5		6.0		11.0			6.5			13.0				0.5
26-27		4.5	0.5		9.0		7.5	3.5			8.0		3.5			7.5						5.5	
27-28		5.0	1.0	2.5	8.5	7.0	7.5	3.5					12.5			9.0	11.5					1.0	1.0
28-29		5.5	1.5	6.5	7.5	1.0	8.0	4.0	9.0	6.5			5.0		3.5	10.0							
29-30		6.0	2.0	10.5	7.0		8.0	4.0		8.0				5.0		11.0	9.5						1.5

	AY	BE	BO	BS	BT	BU	CD
	VUL	VUL	VUL	VUL	VUL	VUL	VUL
MAX	11.0	9.9	10.4	11.0	11.8	10.6	11.5
MIN	12.9	11.4	13.3	11.5	12.5	11.4	12.6
DUR	4	5	4	3	3	3	4
TOT							
0- 1					1.0	3.0	3.5
1- 2			1.0		4.0		
2- 3							4.5
3- 4	2.0						
4- 5						2.5	
5- 6				4.0		6.0	
6- 7				3.0			
7- 8				2.0			
8- 9				0.5	0.5	2.0	
9-10		1.5			4.0	5.5	0.5
10-11							
11-12							2.0
12-13		4.0				1.5	
13-14						5.0	3.0
14-15							
15-16	3.5			4.0			4.5
16-17				3.0	0.5	1.5	
17-18				2.0	3.5	4.5	5.5
18-19				0.5			
19-20							
20-21						1.0	
21-22						4.0	
22-23							0.5
23-24		0.5					
24-25						0.5	1.5
25-26				4.0	3.5	4.0	
26-27		3.0		3.0			3.0
27-28	5.0			1.5			
28-29				0.5		0.0	4.0
29-30		5.5				3.5	

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	RT	TW	UU	WZ	XZ	AB	AB	AD	AD	BD	BX	DS	RY	CX	CZ	OO	OO	V342	V343	V346	SS	SS	WW
	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AND	AQR	AQR	AQR	AQL	AQL	AQL	AQL	AQL	ARI	ARI	AUR
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	8.8	10.7	10.3	9.2	9.2	9.0	10.6	9.0	10.1	10.1	5.7
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	10.1	12.0	11.2	10.1	10.1	12.5	12.3	10.4	11.1	11.1	6.4
DUR	3	11	8	4	3	3	3	4	4	3	4	4	5	3	3	3	3	7	4	4	3	3	5
TOT		2																3					
							(S)		(S)								(S)					(S)	
0- 1	1.5		5.0	8.5		5.5	1.5		1.5		8.0	4.0			3.5	0.5				1.5	3.5	8.5	
1- 2	8.0			1.0	0.5	5.5	1.5		1.0			4.0			0.0	1.0					8.5	4.0	
2- 3					9.5	5.5	1.5		1.0	7.0	4.0	4.5				1.5					4.0	9.0	
3- 4	5.0		4.0	3.0		5.0	1.0		0.5	5.0	9.0	4.5		2.0		1.5						4.5	
4- 5						5.0	1.0		0.0	3.0		5.0				2.0					5.0	10.0	
5- 6	2.5			5.0	2.5	5.0	1.0			1.5	5.0	5.0									0.5	5.0	
6- 7	8.5	2.5	3.5			5.0	1.0				10.5	5.5			4.5						5.5	0.5	
7- 8				7.5		5.0	1.0				1.0	5.5			1.0						1.0	6.0	
8- 9	6.0					4.5	0.5			7.0	6.0	6.0		2.0							6.5	1.5	
9-10			3.0		4.0	4.5	0.5			5.5		6.0							2.0		1.5	6.5	11.5
10-11	3.0	5.5		2.0		4.5	0.5			3.5	2.0	6.5	2.5							0.5	7.0	2.0	
11-12						4.5	0.5			2.0	7.5	6.5									2.5	7.5	
12-13	0.5		2.5	4.0		4.5	0.5			0.0		7.0	1.5								7.5	3.0	
13-14	6.5				6.0	4.0	0.0				3.5	7.0		2.5	2.0						3.0	8.0	
14-15				6.0		4.0	0.0	8.5		7.5	8.5	7.5	0.5								8.5	3.5	12.5
15-16	4.0		1.5			4.0		8.5		6.0		7.5						0.5			4.0	9.0	
16-17				8.5		4.0		8.0		4.0	4.5	8.0									9.0	4.5	
17-18	1.0			1.0	7.5	3.5		7.5		2.5	10.0	8.0					0.0				4.5	1.0	
18-19	7.5		1.0			3.5		7.5		0.5	0.5	8.5		2.5			0.5				0.0	5.0	
19-20				3.0		3.5		7.0			5.5	8.5			3.0		1.0				5.5	0.5	
20-21	4.5				1.0	3.5		6.5		8.0		9.0					1.0				1.0	5.5	
21-22			0.5	5.0	9.5	3.5		6.5		6.5	1.5	9.0					1.5				1.5	1.0	
22-23	2.0					3.0	7.0	6.0		4.5	7.0	9.5					2.0		0.0		1.5	6.5	2.5
23-24	8.0			7.5		3.0	7.0	5.5		2.5		9.5		2.5			2.0				7.0	2.0	
24-25					2.5	3.0	7.0	5.5		1.0	3.0	10.0									2.5	7.0	
25-26	5.5					3.0	7.0	5.0			8.0				4.0						7.5	2.5	
26-27				2.0		3.0	7.0	4.5							0.5						3.0	8.0	
27-28	3.0					2.5	6.5	4.5		6.5	4.0										8.0	3.5	3.5
28-29				4.0	4.0	2.5	6.5	4.0		5.0	9.5			2.5							3.5	8.5	
29-30	0.0					2.5	6.5	3.5		3.0	0.0										9.0	4.0	
30-31	6.0			6.0		2.5	6.5	3.5		1.5	5.5										4.5	9.5	

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	WW	AP	AP	AR	AR	CL	EP	HP	HP	ZZ	Y	SV	AL	CD	CD	R	RT	SX	TU	TZ	TZ	UU	XZ
	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	AUR	BOO	CAM	CAM	CAM	CAM	CAM	CMA	CMA	CMA	CMA	CMA	CMA	CMA	CMI
MAX	5.7	10.9	10.9	6.0	6.0	11.7	10.8	10.8	10.8	6.8	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	6.4	11.4	11.4	6.7	6.7	13.2	11.3	11.5	11.5	7.6	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	5	4	4	5	5	4	3	3	3	5	6	3	5	5	5	4	5	4	4	4	4	5	3
TOT	(S)		(S)		(S)				(S)						(S)						(S)		
0- 1		9.0	2.5			12.5	11.0	7.0				12.5	12.5	11.0	1.5		3.0						8.5
1- 2		12.5	5.5		6.5		1.0	0.0		3.0	3.0			5.0			10.0						12.0
2- 3		2.0	9.0				5.5	10.0				7.5						5.5					
3- 4	4.0	5.5	12.5	8.5		0.0	10.0	3.5				12.0	4.0	12.0	3.0								5.5
4- 5		9.0	2.0			6.0				10.5	2.0	12.0	6.5						6.0			5.0	9.5
5- 6		12.0	5.5		10.0	12.0	4.5	6.5				6.5		1.0	10.0	4.5	7.0	11.5	9.0				
6- 7		2.0	8.5				8.5					11.0			4.5	8.0						9.0	
7- 8		5.0	12.0	11.5				9.5				1.0	4.0	8.0		11.0							7.0
8- 9	5.0	8.5	1.5				3.5	3.0				5.5	11.5	2.0	11.5								10.5
9-10		12.0	5.0			5.5	7.5	13.0				10.0					4.5						
10-11		1.5	8.5			11.5	12.0	6.0				0.5		9.0	0.0			8.5					4.5
11-12		5.0	11.5				2.0			1.0	5.0	3.5	3.5	12.5									8.0
12-13		8.0	1.5				6.5	9.0				9.5	11.5		7.0								12.0
13-14	6.5	11.5	4.5				11.0	2.5						10.5	1.5				6.5				
14-15		1.0	8.0			5.0	1.0	12.5		8.5	4.0			5.0		6.5	8.5		9.5	11.0			5.5
15-16		4.5	11.5			11.0	5.5	5.5				8.5	3.0		8.5	10.0		5.5					9.5
16-17		8.0					10.0					13.0	11.0	12.0	3.0						10.0		
17-18		11.0	4.5					9.0				3.0		6.5								5.0	
18-19	7.5		7.5				4.5	2.0				7.5		0.5	10.0		5.5	11.5		6.5			7.0
19-20		4.0	11.0			4.5	9.0	12.0				12.0	2.5		4.0							9.0	10.5
20-21		7.5				10.0		5.0				2.5	10.5	7.5							5.5		
21-22		11.0	4.0				3.5					7.0		2.0	11.0				4.0				4.5
22-23			7.5				7.5	8.5				11.5			5.5	5.5			7.0				8.0
23-24	8.5	4.0	10.5				12.0	1.5				1.5	2.5	9.0		8.5	10.0	8.5	10.0				12.0
24-25		7.0		0.5		4.0	2.0	11.5		6.5	6.0	10.0	3.5	12.5	12.0								
25-26		10.5	3.5			9.5	6.5	4.5				10.5			7.0								5.5
26-27			7.0		2.0		11.0					0.5		10.5	1.0								9.5
27-28		3.5	10.5				1.0	8.0				5.0	2.0	4.5			7.0						
28-29	10.0	7.0		3.5			5.5	1.0				9.5	10.0		8.0			5.5					
29-30		10.0	3.5			3.5	10.0	11.0						11.5	2.5								7.0
30-31			6.5		5.5	9.0		4.0	13.0			4.5		6.0		4.5			4.5			5.0	10.5

	AK	TY	RZ	TV	AB	CW	CW	DZ	IR	IS	IV	MM	OR	PV	PV	V364	V364	V375	U	SU	WZ	WZ	XX
	CMI	CAP	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CAS	CEP	CEP	CEP	CEP	CEP
MAX	10.1	10.5	6.4	7.3	10.2	11.8	11.8	11.6	10.8	11.6	11.2	11.3	11.4	10.0	10.0	11.2	11.2	10.1	6.7	8.8	11.7	11.7	8.5
MIN	11.5	11.6	7.8	8.4	12.2	12.5	12.5	12.3	12.1	12.6	12.5	11.9	12.4	10.6	10.6	11.7	11.7	10.9	9.8	9.8	11.3	11.1	9.6
DUR	4	4	4	4	4	3	3	4	4	5	5	5	4	3	3	4	4	5	4	4	3	3	4
TOT																			2				
							(S)								(S)		(S)						(S)
0- 1	12.5			1.5		0.5	4.0	5.5	5.0		5.5	6.5			10.0						5.5	0.5	
1- 2						7.0	3.0	0.5		10.5	5.5	10.0		6.0			5.5	11.0			2.0	7.0	
2- 3	5.5		3.5		4.5	6.0	2.0		6.0		5.5				4.0	0.0					8.0	3.0	
3- 4	8.5		8.0			5.0	1.0	9.0		6.5	5.5		0.5	0.0					11.0		4.0	9.0	1.5
4- 5	12.0	1.0	13.0			4.0	7.5	3.5	7.0		5.5		6.5				7.5	9.5			10.0	5.0	
5- 6						2.5	6.5			3.0	5.0		12.5			2.0					6.0	1.0	9.5
6- 7	4.5				7.0	1.5	5.5		8.0		5.0	1.5								6.0	2.0	7.0	
7- 8	7.5			7.5		0.5	4.5	7.0	0.5		5.0	5.0			10.0		10.0	8.5		4.0	8.0	3.0	
8- 9	11.0		3.0			7.0	3.5	2.0		1.5	5.0	9.0	0.0	6.0		4.5			11.0	1.5	4.0	9.0	
9-10			7.5	3.0	0.5	6.0	2.5				5.0		6.0		4.0						0.0	5.0	
10-11	3.5		12.5		9.0	5.0	1.5				5.0		12.0	0.0				7.0			6.0	1.0	2.0
11-12	7.0					4.0	0.5	5.0	2.5		5.0					6.5					2.0	7.0	
12-13	10.0					3.0	7.0	0.0			5.0						1.0				8.5	3.5	10.0
13-14					3.0	2.0	6.0		3.5		5.0	0.0						6.0	10.5		4.5	9.5	
14-15		0.5	2.5		11.5	1.0	5.0	8.5		8.0	5.0	4.0	5.5		10.0	8.5					0.5	5.5	
15-16	6.0		7.0			7.5	4.0	3.5	4.5		5.0	8.0	11.5	6.0			3.0			6.5	6.5	1.5	
16-17	9.0		12.0	9.0		6.5	2.5			4.0	5.0				4.0			4.5		4.0	2.5	7.5	
17-18	12.0				5.0	5.5	1.5		5.5		5.0			0.0						1.5	8.5	3.5	2.0
18-19				4.5		4.5	0.5	7.0		0.0	5.0						5.0		10.0		4.5	9.5	
19-20	5.0					3.5	7.0	1.5	6.5		4.5		5.0					3.0			0.5	5.5	10.0
20-21	8.0		2.0			2.5	6.0				4.5		11.0								6.5	1.5	
21-22	11.0		6.5		7.5	1.5	5.0		7.5		4.5	3.0			10.0		7.0				2.5	7.5	
22-23			11.0			0.5	4.0	5.0			4.5	6.5		6.0		1.5		2.0			8.5	3.5	
23-24	4.0					7.0	3.0		8.5		4.5	10.5			4.0				10.0		4.5	10.0	
24-25	7.0				1.5	6.0	2.0		1.0		4.5		5.0	0.0			9.0			7.0	1.0	6.0	2.5
25-26	10.5			10.5	10.0	5.0	1.0	8.5		9.0	4.5		10.5			3.5		0.5		4.5	7.0	2.0	
26-27			1.0			4.0	7.5	3.0	2.0		4.5							12.0		2.0	3.0	8.0	10.5
27-28			6.0	6.0		2.5	6.5			5.0	4.5										9.0	4.0	
28-29	6.0		10.5		3.5	1.5	5.5		3.0		4.5	1.5			10.0	5.5			9.5		5.0	10.0	
29-30	9.5			1.5	12.5	0.5	4.5	6.5		1.5	4.5	5.5	4.5	6.5				0.0	11.0		1.0	6.0	
30-31	12.5					7.5	3.5	1.5	4.0		4.5	9.5	10.5		4.0						7.0	2.0	

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	DK	DL	DV	EG	RZ	RZ	SS	SS	U	RW	W	W	RV	RV	V	SW	WW	ZZ	AE	BR	CG	DK	KV
	CEP	CEP	CEP	CEP	COM	COM	COM	COM	CRB	CRB	CRV	CRV	CRV	CRV	CRT	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	12.2	12.4	11.6	9.6	10.0	10.0	10.9	10.9	7.6	10.1	10.6	10.6	9.0	9.0	9.5	9.3	9.9	10.7	11.8	9.4	11.0	10.3	11.5
MIN	14.2	13.2	12.4	10.6	10.7	10.7	11.5	11.5	8.8	10.6	11.2	11.2	10.0	10.0	10.2	11.8	13.2	12.0	12.8	10.5	11.8	10.8	12.6
DUR	4	5	4	3	3	3	4	4	5	4	4	4	4	4	4	5	5	4	4	4	3	4	5
TOT																2							
					(S)		(S)				(S)		(S)										
0- 1				9.5									11.5		12.0								
1- 2		2.0	2.5	11.5							9.0						4.5		3.5	3.0			
2- 3	13.0		6.5	0.5		7.0				13.0													
3- 4	12.5		10.0	2.5		7.5	8.0						11.0				1.5			0.5	5.0		
4- 5	12.0	8.0		5.0		8.0	9.0															3.5	
5- 6				7.0			9.5			10.5				9.5		4.0				3.5			2.0
6- 7				9.0									11.0				5.0				4.5	0.5	
7- 8				11.5										13.0	12.5								
8- 9			1.5	0.5							8.5						2.0				2.0		
9-10		5.5	5.5	2.5			8.0						10.5							3.5			1.5
10-11			9.5	4.5			8.5			12.5				12.5									
11-12				7.0				9.5															5.0
12-13	9.5			9.0									10.0		10.0								3.5
13-14	9.0			11.0	7.0					10.5				12.5		1.5		3.0		3.5	3.0	2.0	
14-15	8.5	3.0		0.0	7.5							9.0			13.0								0.5
15-16	8.5		1.0	2.5	8.0								10.0			3.0	0.0				0.5		
16-17	8.0		5.0	4.5				8.0						12.0									
17-18	7.5		9.0	6.5			9.0								8.0					3.5			
18-19	7.5		12.5	8.5				10.0		12.5			9.5				3.5				4.0		
19-20	7.0	0.5		11.0										12.0	10.5				4.5			5.0	
20-21	6.5			13.0													1.0	3.5		1.5	3.5		
21-22	6.5			2.0						10.0		8.5							3.0	3.5		2.0	
22-23	6.0	6.5	0.5	4.0			8.0							11.5					2.5		0.5		
23-24	5.5		4.5	6.5				8.5									4.5	1.5					
24-25	5.5		8.0	8.5		7.0	9.5							8.5				1.0					
25-26	5.0	13.0	12.0	10.5		7.5								11.5		2.0	1.5	0.0	3.0	3.0			
26-27	4.5			12.5		8.0				12.0					11.0								2.5
27-28	4.5	4.0		2.0							9.0										0.0	5.0	
28-29	4.0			4.0			7.5	12.0						11.0			5.0					3.5	
29-30	3.5			6.0			8.5		10.0											3.0		2.0	
30-31	3.5		3.5	8.0				9.0									2.5				4.0	0.5	

	V387	V388	V456	V466	V466	V477	V477	V704	TT	TY	YY	FZ	Z	RZ	TW	UZ	UZ	TZ	YY	YY	RW	AF	SZ
	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	ERI	GEM	GEM	HER
MAX	11.5	9.7	10.8	10.8	10.8	8.3	8.3	13.8	10.6	9.6	11.0	10.2	10.8	10.0	7.8	9.9	9.9	9.8	8.4	8.4	9.6	10.2	10.2
MIN	12.3	10.3	11.9	11.6	11.6	9.2	8.7	14.6	12.5	10.8	12.0	11.3	13.6	10.9	9.5	10.7	10.7	12.6	9.1	9.1	11.6	11.3	12.0
DUR	3	3	3	4	4	4	4	4	5	4	4	3	4	3	5	5	5	4	3	3	5	4	4
TOT															1			1			1		
					(S)		(S)										(S)		(S)				
0- 1								3.5						4.0					2.0	6.0			
1- 2	0.0																		1.0	5.0			
2- 3		2.5			1.0								5.5			12.0	8.0			4.0		5.0	
3- 4			4.5			0.5		0.0						11.5					7.0	3.0		11.0	
4- 5	5.0		2.0	3.0				3.5				2.0		0.5	11.5	3.5			6.0	2.5			
5- 6											3.0			3.0					5.5	1.5			
6- 7	3.0						2.0		1.0				7.0						4.5	0.5			
7- 8								0.0							7.0	9.5			3.5	7.5		4.5	12.5
8- 9	1.0	2.5						3.5						10.5					3.0	6.5	10.0	10.5	
9-10					0.0						2.0		0.0	13.0			0.5		2.0	6.0			
10-11						1.5							9.0	2.0	2.5		4.0		1.0	5.0			
11-12				2.0										4.5						4.0	7.0		
12-13			2.5					3.5		3.0							7.0		7.0	3.0		4.0	
13-14	4.0						3.0				1.5		2.0	9.5					6.0	2.5		9.5	
14-15		3.0											10.5	12.0					5.5	1.5	3.5		
15-16	2.5											1.0		1.0			9.0		4.5	0.5			
16-17								3.0						3.5					3.5	7.5			12.5
17-18	0.5					2.5					0.5		3.5			4.5			3.0	6.5		3.0	
18-19				1.0						2.0			12.0		12.5				2.0	6.0		9.0	
19-20														11.0					1.0	5.0			
20-21		3.5	3.0		3.5			3.0						0.0		10.5				4.0			
21-22			0.5										5.5	2.5	7.5				7.0	3.5			
22-23	3.5											2.5		5.0			2.0		6.5	2.5		2.5	
23-24																	4.5		5.5	1.5		8.5	
24-25	1.5					3.5		3.0		1.0				10.0	3.0				4.5	0.5			
25-26				0.0									7.0	12.5		8.0			3.5	7.5			12.5
26-27		3.5									0.5			1.5					3.0	6.5			
27-28		0.5			2.5									4.0					2.0	6.0		2.0	
28-29			3.5					3.0			3.0		0.5				9.5		1.0	5.0	11.5	8.0	
29-30	4.5		1.0					6.0	0.5				9.0							4.0			
30-31														11.5		5.5			7.0	3.5			

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	TU	UX	CC	CT	AV	DF	DF	DI	DK	SW	SW	VX	CM	CO	CO	Y	UU	UV	VZ	RR	RY	UZ	EW
	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	LAC	LAC	LAC	LAC	LAC	LAC	LEO	LEO	LEO	LEO	LEP	LYN	LYR	LYR
MAX	10.6	8.9	9.5	9.9	10.2	11.0	11.0	11.0	10.5	9.2	9.2	10.9	8.5	10.5	10.5	9.5	11.4	9.5	10.6	10.2	11.9	9.8	11.2
MIN	13.4	9.8	12.8	11.2	10.6	11.5	11.5	12.0	11.0	10.0	10.0	12.3	9.5	11.0	11.0	12.7	12.7	10.2	11.7	10.9	13.3	11.0	13.6
DUR	5	5	4	4	4	4	4	4	4	3	3	4	4	5	5	5	4	3	4	4	4	5	5
TOT	1																						
							(S)				(S)				(S)								
0- 1						7.5		8.5		0.5	4.5			6.5					13.0				
1- 2					8.0	7.0									0.5	7.0		8.5			9.5		
2- 3						7.0					6.5	3.0					9.5						
3- 4					9.0	7.0		10.5		5.5	2.0			8.5									
4- 5						6.5				5.0	1.0		1.0		2.5			8.5			6.5		
5- 6					10.5	6.5		6.5		4.0	0.0												13.0
6- 7						6.0		12.0	7.0	3.0	7.0					8.5							
7- 8					11.5	6.0			8.0	2.0	6.0		6.0		4.5		10.5	8.5		9.0	3.5		
8- 9						6.0		8.5	9.0	1.0	5.0	0.0									7.0		
9-10					13.0	5.5			10.0	0.5	4.0	2.0								6.0	5.0		
10-11					5.0	5.5			11.0		3.0	4.0							8.5	8.0	3.0		2.0
11-12						5.0		10.0	12.0	6.0	2.5	5.5		1.5		10.0				10.5		10.5	
12-13				12.5	6.5	5.0				5.0	1.5		1.5				11.5			12.5			
13-14			12.0			5.0		6.5		4.5	0.5				8.5			8.5					
14-15					7.5	4.5		12.0		3.5				3.5								7.5	
15-16						4.5				2.5	6.5		6.5										
16-17					9.0	4.0		8.0		1.5	5.5					11.0		8.5					
17-18	13.0									0.5	4.5			5.5			12.5					4.5	
18-19					10.0		8.0		7.0		3.5									9.0			
19-20							7.5	10.0	8.0	6.5	2.5							8.5		7.0			
20-21						11.0		7.5	9.0	5.5	2.0		2.0	7.5						5.0			
21-22							7.0	6.0	10.0	4.5	1.0				1.5	12.5				6.0	2.5	11.5	
22-23						12.5		7.0	11.5	11.0	4.0							8.5	8.0				
23-24							7.0		12.0	3.0	7.0	1.5				5.0				10.0			2.0
24-25							6.5	8.0		2.0	6.0	3.0			3.5		5.5		12.5		8.5		
25-26					6.0		6.5			1.0	5.0	5.0						8.5					0.5
26-27							6.0			0.0	4.0	6.5											
27-28	0.0				7.5		6.0	9.5		7.0	3.0				5.5						5.5	2.5	
28-29							6.0			6.0	2.0		3.0	0.5		6.5		8.5					
29-30					8.5		5.5	6.0		5.0	1.5						6.5			8.5			
30-31							5.5	11.5	7.0	4.5	0.5				7.5					6.5	2.5		

	FL	RU	RU	RW	BB	BO	SX	V508	V839	EQ	ER	ER	ET	FL	FT	FZ	FZ	GU	GU	U	U	TY	AQ
	LYR	MON	MON	MON	MON	MON	OPH	OPH	OPH	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	ORI	PEG	PEG	PEG	PEG
MAX	8.7	10.6	10.6	9.1	10.6	10.8	10.5	10.1	8.8	10.3	9.5	9.5	11.2	10.5	9.1	10.7	10.7	12.6	12.6	9.7	9.7	10.5	10.3
MIN	9.5	11.3	11.3	11.9	11.3	12.1	11.2	10.7	9.4	13.3	10.2	10.2	12.4	13.2	9.7	11.3	11.3	13.5	13.5	10.5	10.5	12.6	13.0
DUR	4	5	5	5	4	5	5	3	3	4	3	3	5	3	4	3	3	4	4	3	3	6	12
TOT				1		1																	4
			(S)								(S)						(S)		(S)		(S)		
0- 1		6.5		9.5							8.0	3.0	9.0		1.5	9.5	4.5	7.5	1.5	6.0	1.5		
1- 2			10.0		10.5						4.5	9.5	8.0			4.5	9.5	6.0			4.5		
2- 3				7.0	4.0					7.5		6.0	6.5	7.5		9.5	4.5	4.5	10.0	3.0		4.0	
3- 4											7.5	2.0	5.5		5.0	4.5	9.5	3.0	8.5	6.0	1.5		
4- 5				5.0	8.5					1.5	3.5	8.5	4.5			9.5	4.5	1.5	7.5		4.5		
5- 6											10.0	5.0	3.0	10.0		4.5	9.5		6.0	3.0			
6- 7				2.5		6.0					6.5		2.0		8.5	9.5	4.5	10.0	4.5	6.0	1.5		
7- 8		10.5			7.0						3.0	8.0	1.0			4.5	9.5	8.5	3.0		4.5		
8- 9						11.5		0.0	0.5		9.5	4.0				9.5	4.5	7.5	1.5	3.0			
9-10					11.5					7.5	5.5				12.0	4.5	9.5	6.0		5.5	1.0		
10-11					5.5						2.0	7.0		1.5		9.5	4.5	4.5	10.0		4.0		
11-12	2.5									1.5	8.5	3.5				4.5	9.5	3.0	8.5	2.5			
12-13			4.0		10.0						4.5	10.0				9.5	4.5	1.5	7.5	5.5	1.0		
13-14					3.5							6.0		4.0		4.5	9.5		6.0		4.0		
14-15											7.5	2.5				9.5	4.5	10.0	4.5	2.5			
15-16					8.5	4.0					4.0	9.0				4.5	9.5	9.0	3.0	5.5	1.0		
16-17										7.0		5.5		6.5		9.5	4.5	7.5	1.5		4.0		
17-18						9.5			0.5		6.5	1.5				4.5	9.5	6.0		2.5			
18-19		4.5			6.5			0.0		1.0	3.0	8.0	10.5			9.5	4.5	4.5	10.0	5.5	1.0		
19-20			8.0	11.0							9.5	4.5	9.5	9.0		4.5	9.5	3.0	9.0		4.0		
20-21					11.5						6.0		8.5			9.5	4.5	1.5	7.5	2.5			
21-22				8.5	5.0						2.0	7.0	7.0			4.5	9.5		6.0	5.5	1.0		
22-23	0.0										8.5	3.5	6.0		2.5	9.5	4.5	10.0	4.5		4.0		
23-24				6.5	10.0					6.5	5.0	10.0	5.0			4.5	9.5	9.0	3.0	2.5			
24-25					3.5							6.5	3.5			9.5	4.5	7.5	1.5	5.5	1.0		
25-26		8.5		4.0			13.0				7.5	2.5	2.5		6.0	4.5	9.5	6.0		4.0		2.0	
26-27			12.0		8.0	7.0			0.0		4.0	9.0	1.5			9.5	4.5	4.5	10.0	2.5			
27-28				2.0								5.5		3.0		4.5	9.5	3.0	9.0	5.5	1.0		
28-29	13.0					12.5		0.0			7.0	2.0			10.0	9.5	4.5	2.0	7.5		4.0		
29-30					6.5						3.0	8.5				4.5	9.5		6.0	2.5			
30-31										6.0	9.5	4.5		5.5		9.5	4.5	10.0	4.5	5.5	1.0	0.0	

	BB	BB	BX	DI	GP	Z	RT	RV	ST	XZ	BETA	Y	UZ	UZ	U	V505	AO	CC	CC	RW	RZ	TY	WY
	PEG	PEG	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PSC	PUP	PUP	SGE	SGR	SER	SER	SER	TAU	TAU	TAU	TAU
MAX	10.6	10.6	10.9	9.6	10.2	9.9	10.6	10.3	9.7	10.6	2.2	9.0	9.7	9.7	6.4	6.4	10.6	11.1	11.1	8.0	10.5	11.5	11.5
MIN	11.2	11.2	11.5	10.8	11.0	12.4	12.0	12.7	13.2	12.7	3.5	12.0	10.6	10.3	9.1	7.6	12.1	11.7	11.7	12.5	11.2	12.0	11.7
DUR	3	3	3	2	4	6	4	8	5	4	8	7	4	4	6	5	4	4	4	4	3	2	4
TOT						2			1						2					1			
		(S)												(S)					(S)				
0- 1	0.5	4.5	2.5							7.0				7.0			11.5	11.5			7.5		11.5
1- 2	2.5			3.0			10.5			10.5			12.0					12.0			3.5		4.0
2- 3	4.5	0.0	1.5				7.0	12.0					7.0								9.5		
3- 4		2.0	4.5	6.0			3.5							11.5							5.5		6.0
4- 5		4.0	0.5					11.0	8.0					6.5		1.0				10.5	1.5		
5- 6	2.0		3.5										11.0								7.5	0.5	8.0
6- 7	4.0			2.5				10.5		1.0			6.5								3.5	2.5	0.5
7- 8		1.5	2.5				9.0			5.0				11.0			12.0		10.5	5.0	9.5	4.5	10.0
8- 9		3.5		5.5			5.5	10.0		8.5	8.5			6.0					11.5		5.5	6.0	2.5
9-10	1.0		2.0				2.0			12.0			10.5						12.0		1.0	8.0	11.5
10-11	3.5		4.5					9.5					5.5								7.0	10.0	4.5
11-12		1.0	1.0	2.0							5.5			10.5							3.0		
12-13		3.0	4.0				11.5	8.5	6.5			2.0		5.5							9.0		6.0
13-14	0.5	5.0		5.0			8.0						10.0								5.0		
14-15	2.5		3.0				4.5	8.0		2.5	2.5		5.0				13.0				1.0		8.0
15-16	4.5	0.5					0.5			6.5				9.5				10.5			7.0		0.5
16-17		2.5	2.0	1.5				7.5		10.0				4.5				11.0			3.0		10.0
17-18	0.0	4.5	5.0										9.5					12.0			9.0		2.5
18-19	2.0		1.0	5.0			10.5	7.0					4.5		2.0					7.0	4.5		12.0
19-20	4.0		4.0			0.5	6.5							9.0							0.5	1.0	4.5
20-21		2.0	0.0				3.0	6.0	5.5					4.0							6.5	2.5	
21-22		4.0	3.0	1.0						0.5			9.0							1.5	2.5	4.5	6.5
22-23	1.5					2.0		5.5		4.0							11.0				8.5	6.5	
23-24	3.5		2.5	4.5						8.0				8.5				10.5			4.5	8.0	8.0
24-25		1.5					9.0	5.0		11.5								11.0			0.5	10.0	1.0
25-26		3.5	1.5		6.5	3.5	5.5						8.0					12.0			6.5		10.0
26-27	1.0		4.5	0.5	6.0		1.5	4.0						12.5							2.5		2.5
27-28	3.0		0.5		5.0							3.5		8.0							8.0		12.0
28-29	5.0	0.5	3.5	4.0	4.5	4.5		3.5	4.0		10.5		12.5								4.0		4.5
29-30		3.0			4.0		11.5			2.0				7.5			11.5			9.0	0.0		
30-31	0.5	5.0	2.5		3.5		7.5	3.0		5.5				12.0							6.0		6.5

	AC	AM	EQ	EQ	V	X	RV	W	W	TX	TY	TY	UX	VV	XZ	ZZ	RU	VV	AG	AH	AH	AK	BH
	TAU	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMA	UMI	VIR	VIR	VIR	VIR	VIR	VIR
MAX	10.5	10.4	10.3	10.3	10.9	8.9	11.4	9.1	9.1	6.8	11.7	11.7	12.7	10.1	10.1	9.8	10.7	11.7	8.8	9.7	9.7	10.0	9.9
MIN	12.3	12.3	11.0	11.0	11.9	12.0	12.5	9.9	9.9	8.9	12.4	12.4	13.8	11.0	11.7	11.2	11.4	13.5	9.4	10.2	10.2	11.5	11.3
DUR	6	5	3	3	4	4	4	3	3	6	3	3	1	3	3	4	4	4	4	4	4	4	4
TOT																							
				(S)					(S)			(S)										(S)	
0- 1	0.5		7.0	2.5	0.5	6.5	7.5	8.0	4.0			5.5		6.5	10.5	11.0	12.5					9.0	
1- 2			7.5	3.5	4.5	5.5	1.5	8.0	4.0	10.5		7.0					1.0		8.0	9.0		12.0	
2- 3	1.5		8.0	4.0	8.5	5.0		8.0	4.0		4.0	8.5	9.5	8.0			2.0					9.5	11.5
3- 4			0.5	4.5		4.5	8.0	8.0	4.0		5.5						3.5						
4- 5	2.5		1.0	5.0	3.0	3.5	2.0	8.0	4.0	12.0	7.0		8.5	9.5	2.5		4.5						
5- 6			1.5	5.5	7.0	3.0		8.0	4.0			4.5		2.0	8.0	1.5	5.5						
6- 7	3.5		2.0	6.0		2.0	8.0	8.0	4.0			6.0	8.0	11.0			7.0		11.5				
7- 8			2.5	6.5	1.0	1.5	2.5	8.0	4.0			7.5		3.5		8.5	8.0					11.5	
8- 9	4.5		3.0	7.5	5.0	1.0		8.0	4.0		5.0		7.0	12.5			9.5		9.5	7.5			
9-10			4.0	8.0		0.0	8.5	8.0	4.0		6.5			5.0			10.5					8.0	
10-11	5.5		4.5	0.5			2.5		4.0		8.0		6.0		5.0		11.5		8.0	8.5			
11-12			5.0	1.0	3.5				4.0			5.0		6.5	10.5		0.5					9.0	11.0
12-13	6.5		5.5	1.5	7.5		9.0		4.0			6.5					1.5			9.5			
13-14		1.0	6.0	2.0			3.0		4.0		4.0	8.0		8.0			2.5				10.0		
14-15	8.0		6.5	2.5	1.5				4.0			5.5					6.0	4.0					
15-16		2.0	7.0	3.0	5.5		9.5		4.0		7.0		9.0	9.5	2.5		5.0	10.5	11.5				13.0
16-17	9.0		8.0	3.5			3.5		4.0			4.5		2.0	8.0		6.5						
17-18		3.0	0.0	4.5					4.0			6.0	8.0	11.0			7.5		9.5				
18-19	10.0		1.0	5.0	4.0		9.5		4.0			7.5		3.5			8.5						
19-20		4.0	1.5	5.5	8.0		3.5		4.0		4.5		7.5	12.5			10.0		8.0	7.5			
20-21			2.0	6.0					4.0		6.0			5.0			11.0					8.0	10.5
21-22		5.0	2.5	6.5	2.0		10.0		4.5		7.5		6.5		5.0	3.5	12.5				8.5		
22-23			3.0	7.0	6.5		4.0		4.5			5.0		6.5	10.5		1.0		13.0		9.0		
23-24		6.0	3.5	8.0					4.5			6.5				10.5	2.0			9.5			
24-25			4.0	0.0	0.5				4.5		3.5	8.0		8.0			3.5		11.0				12.5
25-26		7.0	5.0	0.5	4.5		4.5		4.5		5.5						4.5						
26-27			5.5	1.5	8.5				4.5		7.0		9.5	9.5	2.5		5.5		9.5				
27-28		8.0	6.0	2.0					4.5		8.5	4.0		2.0	8.0		7.0						
28-29			6.5	2.5	2.5		4.5		4.5			5.5	8.5	11.0		1.0	8.0		8.0				
29-30		9.5	7.0	3.0	7.0				4.5			7.0		3.5			9.5						10.0
30-31			7.5	3.5		9.0			4.5		4.5		7.5	12.5		8.5	10.5			7.5			

