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	RT	TW	WZ	XZ	AB	XZ	DD	V343	V346	RY	CX	NW	NW	ZZ	Y	SV	AL	RZ	TV	AB	U	YX	EG	R	UU	U	V	W	W	RV	SW	NW	ZZ	BR	CG	V346	
	AND	AND	AND	AND	AND	AQL	AQL	AQL	AQL	AQR	AQR	AUR	AUR	BOD	CAM	CAM	CAM	CAS	CAS	CAS	CEP	CEP	CEP	CMA	CMA	CRB	CRT	CRV	CRV	CRV	CY6	CY6	CY6	CY6	CY6	CY6	
MAX	9.3	8.8	11.6	10.0	9.3	9.3	9.2	10.6	9.0	8.8	10.7	5.7	5.7	6.8	10.6	8.6	10.5	6.4	7.3	10.2	6.7	8.5	9.6	6.2	10.0	7.6	9.5	10.6	10.6	9.0	9.3	9.9	10.7	9.4	11.0	11.8	
MIN	10.2	11.0	12.6	13.0	10.2	11.2	10.1	12.3	10.4	10.1	12.0	6.4	6.4	7.6	12.4	9.4	11.3	7.8	8.4	12.2	9.8	9.6	10.6	6.8	12.5	8.8	10.2	11.2	11.2	10.0	11.8	13.2	12.0	10.5	11.8	13.6	
DUR	3	11	4	3	3	7	3	4	4	5	3	5	5	5	10	3	5	4	4	4	4	4	3	4	5	5	4	4	4	5	5	4	4	3	5		
												(S)	(S)																								
0-1	8.0		1.0		4.5								8.0	6.5		10.5		8.5		7.5				2.0				10.0					10.5	10.5			
1-2				1.5	4.5										1.0	7.5			11.0					4.0		7.0		9.5	11.5				1.5				
2-3	5.0		3.0	10.0	4.5										5.0							3.5			6.0			8.5									
3-4	11.5				4.5					2.0					9.5				6.5	1.0						9.5		8.0						2.5			
4-5	2.5		5.0		4.5						2.5										10.0				10.5	3.5		7.5		11.5			5.0	10.5	2.5		
5-6	8.5			3.0	4.0			1.5				9.0		4.5	4.5	7.0	3.5	2.0						7.0	3.5			11.0			4.5		11.0				
6-7			7.0		4.0										9.0		8.0						8.0	1.5	10.0				10.5					2.0			
7-8	6.0				4.0															3.5	3.0			4.0		7.5		10.0		11.0				2.5			
8-9			9.5		4.0					2.5					3.5												7.5		9.0					10.5		4.0	
9-10	3.0		2.0	5.0	4.0						4.0				8.0	6.5												8.5					5.5		4.0		
10-11	9.5				3.5							10.0													10.0			10.0		7.5	10.5			11.5			
11-12	0.5		4.0		3.5										2.5		3.0		6.0									7.0	11.5			3.0	2.5	1.5			
12-13	6.5				3.5										7.0		7.5	8.0										11.0						10.5			
13-14			6.0	6.5	3.5		1.5			2.5					11.5	6.0							8.5	3.5	5.5				10.0	10.5		5.0					
14-15	4.0				3.5			3.0		5.0					2.0			3.5										9.5					6.5		5.0		
15-16	10.0		8.0		3.0				0.5				11.5		2.5	6.5			8.0									8.0		8.5				2.0			
16-17	1.0	2.0	1.0		3.0				2.0						11.0													8.0		8.5							
17-18	7.5			8.0	3.0										1.0	6.0	2.0					2.5					10.0		8.0		10.0		3.5	10.0	2.5		
18-19			3.0		3.0	2.5				1.5	2.5			10.0	5.5	7.0		2.0					0.5	1.0		3.5		10.5		7.5							
19-20	4.5				3.0						5.0	6.5			10.0		11.5		10.5										11.0				1.0				
20-21	11.0	5.0	5.0	1.5	2.5		0.5			0.5					0.5													10.5		10.0			7.0	2.0		3.0	
21-22	2.0			10.0	2.5		0.5								4.5	5.5		9.5											10.0								
22-23	8.0		7.0		2.5		1.0								9.0														9.0				4.0		3.5		
23-24					2.5		1.5			2.5		1.0						1.5	5.0																		
24-25	5.5	8.0	9.5	3.0	2.0		1.5			5.0	7.5				4.0		6.5																				
25-26	11.5		2.0	11.5	2.0		2.0								0.5	8.5	5.0	11.0	0.5								11.0	11.5									
26-27	2.5				2.0		2.5		2.0																					11.0	9.5						
27-28	9.0		4.0		2.0		2.5								3.0							2.0	9.0										5.0		5.0		
28-29				5.0	2.0		3.0								8.0	7.5														9.5				2.0			
29-30	6.0		6.0		1.5		3.5			5.5	8.5						5.0	1.0		0.5								8.5		1.5		2.0		2.5			
30-31					1.5		3.5								2.0		6.0	11.0	9.0						1.0	6.5		9.0									2.5

	RV	ST	XZ	beta	Y	U	V505	RW	AC	AN	V	Y	RV	W	TX	VV	XZ	RU	AG	BU
	PER	PER	PER	PER	PSC	SGE	SGR	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UNI	VIR	VUL
MAX	10.3	9.7	10.6	2.2	9.0	6.4	6.4	8.0	10.5	10.4	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	12.7	13.2	12.7	3.5	12.0	9.1	7.6	12.5	12.3	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	8	5	4	8	7	6	5	4	6	4	4	4	4	3	6	3	3	4	4	3

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

	W	TY	YY	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	AV	SW	VX	CM	SS	T	EW	FL	RU	RU	RW	BO	SX	ED	ER	FL	U	TY	AD	Z	RT	RV	
	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	HYA	LAC	LAC	LAC	LTB	LMI	LYR	LYR	MON	MON	MON	MON	OPH	ORI	ORI	ORI	PEG	PEG	PEG	PER	PER	PER	
MAX	9.4	9.6	11	10.8	7.8	9.9	9.9	7.2	8.4	8.4	9.6	10.2	10.6	9.9	10.2	9.2	10.9	8.5	10.4	10.2	11.2	8.7	10.6	10.6	9.1	10.8	10.5	10.3	9.5	10.5	9.7	10.5	10.3	9.9	10.6	10.3	
MIN	12.7	10.8	12	13.6	9.5	10.7	10.7	8.2	9.1	9.1	11.6	12.0	13.4	11.2	10.6	10.0	12.3	9.5	11.3	12.6	13.6	9.5	11.3	11.3	11.9	12.1	11.2	13.3	10.2	13.2	10.5	12.6	13.0	12.4	12.0	12.7	
DUR	7	4	4	4	5	5	5	4	3	3	5	4	5	4	4	3	4	4	6	6	5	4	5	5	5	5	5	4	3	3	3	6	10	6	4	8	
								(S)		(S)																											

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

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	ST	XZ	beta	RM	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PER	PER	PER	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	9.7	10.6	2.2	8.0	10.5	10.4	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	13.2	12.7	3.5	12.5	12.3	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	5	4	8	4	6	4	4	4	4	3	6	3	3	4	4	3

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

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	RW	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	8.0	10.5	10.4	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	12.5	12.3	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	4	6	4	4	4	4	3	6	3	3	4	4	3

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

	XZ beta		U V505		RW	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PER	PER	SGE	SGR	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	10.6	2.2	6.4	6.4	8.0	10.5	10.4	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	12.7	3.5	9.1	7.6	12.5	12.3	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	4	B	6	5	4	6	4	4	4	4	3	6	3	3	4	4	3

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

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	V505	AC	RV	W	TX	VV	XZ	RU	AG	BU
	SGR	TAU	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	6.4	10.5	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	7.6	12.3	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	5	6	4	3	6	3	3	4	4	3

0- 1				6.0				3.0		7.5
1- 2				6.0				4.5	7.5	
2- 3				6.0		3.0		5.5		
3- 4				6.0				7.0	6.0	
4- 5	8.0			6.0		4.5	6.0	8.0		7.5
5- 6				6.0				9.0	4.5	
6- 7				6.0		6.0				
7- 8				6.0						
8- 9				6.0		7.5				7.0
9-10				6.0			3.5			
10-11				6.0		9.0	8.5		7.5	
11-12				6.0				4.0		
12-13				6.0				5.0	6.0	6.5
13-14				6.0		3.0		6.0		
14-15				6.0				7.5	4.0	
15-16				6.0		4.5	6.0	8.5		
16-17				6.0						6.0
17-18	8.0			6.0		6.0				
18-19				6.0						
19-20				6.5		7.5			7.5	
20-21				6.5			3.5			
21-22				6.5		9.0	9.0	3.0	6.0	9.0
22-23				6.5				4.5		
23-24				6.5				5.5	4.0	
24-25				6.5		3.0		7.0		
25-26				6.5				8.0		8.5
26-27				6.5		4.5	6.0	9.0		
27-28				6.5						
28-29			3.0	6.5	3.0	6.0			7.5	
29-30		3.0		6.5						8.0
30-31	8.5			6.5		7.5			6.0	

	RT	TW	WZ	AB	XZ	OD	V342	V343	V346	RY	CX	WW	Y	SV	AL	RW	RZ	TV	AB	U	XX	EG	U	V	W	W	RV	Y	SW	WW	ZZ	BR	CG	V346	V387	V477		
	AND	AND	AND	AND	AQL	AQL	AQL	AQL	AQL	AGR	AGR	AUR	CAN	CAN	CAN	CAP	CAS	CAS	CAS	CEP	CEP	CEP	CRB	CRT	CRV	CRV	CRV	CRV	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	
MAX	9.3	8.8	11.6	9.3	9.3	9.2	9.0	10.6	9.0	8.8	10.7	5.7	10.6	8.6	10.5	9.8	6.4	7.3	10.2	6.7	8.5	9.6	7.6	9.5	10.6	10.6	9.0	7.0	9.3	9.9	10.7	9.4	11.0	11.8	11.5	8.3		
MIN	10.2	11.0	12.6	10.2	11.2	10.1	12.5	12.3	10.4	10.1	12.0	6.4	12.4	9.4	11.3	10.8	7.8	8.4	12.2	9.8	9.6	10.6	8.8	10.2	11.2	11.2	10.0	7.6	11.8	13.2	12.0	10.5	11.8	13.6	12.3	9.2		
DUR	3	11	4	3	7	3	7	4	4	5	3	5	10	3	5	6	4	4	4	4	4	3	5	4	4	4	4	6	5	5	4	4	3	5	3	4		
0-1	6.5			5.0	6.5																																	
1-2				5.0	7.0			5.0						6.5	6.5	4.0					6.0					4.5	8.0		7.0	4.0	6.5							
2-3	4.0			5.0	7.5			6.5	8.0								8.5							5.5	4.0				8.5									
3-4				4.5	7.5					7.5											5.5	5.0				7.0	4.0		4.5							4.5		
4-5				4.5	8.0									5.5												7.0	8.0										4.5	
5-6	7.5	6.0		4.5	8.5																					6.5												
6-7				4.5	8.5																						5.5	4.0		8.0	8.5	5.5	7.0					
7-8	4.5			4.5								6.0					8.0									5.0		8.0										
8-9		8.5			7.0									4.5							6.0						4.0										7.5	
9-10																		8.0	3.5	5.0					6.0	3.5	3.5		4.5									
10-11	8.0																				5.5						8.0										5.5	
11-12						4.5		4.0																			6.5		8.5		6.5							
12-13	5.5							6.5				4.5														6.0	3.5										3.5	
13-14											8.0																5.5	7.5		6.0	4.0							
14-15																											4.0	4.5										
15-16		7.0						4.0																		4.0		6.0									8.5	
16-17																											4.5	6.5		7.5								
17-18	6.0											4.0		8.5													6.5	7.0									6.5	
18-19														6.5				5.0					7.5				6.5		6.5	8.0	5.0							
19-20	3.5																																					
20-21																																						
21-22														6.0	8.0													4.5	4.0									4.0
22-23	7.0																																					
23-24																																						
24-25	4.0	8.5			6.5																																	
25-26																																						
26-27																																						
27-28	7.5													6.0	8.5																							
28-29																																						
29-30	5.0																																					

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	X	W	TX	VV	XZ	RU	AG	BU
	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	8.9	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	12.0	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	4	3	6	3	3	4	4	3

0- 1	6.5	4.5		3.5				
1- 2	6.5				3.5	4.0	4.5	
2- 3	6.5				5.0		8.0	
3- 4	8.0	6.5	6.0		6.0			
4- 5	6.5				7.5			
5- 6	6.5				8.5		4.0	
6- 7	6.5	7.5	4.5	6.0		7.5	7.5	
7- 8	6.5							
8- 9	6.5		6.0			5.5		
9-10	6.5						3.5	
10-11	6.5		7.5			4.0	7.0	
11-12	7.0			3.5				
12-13	7.0				4.5			
13-14	7.0				5.5			
14-15	7.0				6.5		6.5	
15-16	7.0				8.0	7.5		
16-17	7.0							
17-18	7.0		4.5	6.0		5.5		
18-19	7.0						6.0	
19-20	7.0		6.0			4.0		
20-21	7.0							
21-22	7.0		7.5					
22-23	7.0			3.5	3.5		5.5	
23-24	7.0				5.0			
24-25	7.0				6.0	7.5		
25-26	7.0				7.5			
26-27	7.0				8.5	5.5	5.5	
27-28	7.0						8.5	
28-29	7.0		4.5	6.0		4.0		
29-30	7.0							

	RT	TW	WZ	YZ	AB	XZ	OO	V342	V343	V346	RY	CX	WW	Y	SV	AL	RW	RZ	TV	AB	U	XX	EG	U	V	W	W	RV	Y	SW	WW	ZZ	BR	CG	V346	V387			
MAX	9.3	8.8	11.6	10.0	9.3	9.3	9.2	9.0	10.6	9.0	8.8	10.7	5.7	10.6	8.6	10.5	9.8	6.4	7.3	10.2	6.7	8.5	9.6	7.6	9.5	10.6	10.6	9.0	7.0	9.3	9.9	10.7	9.4	11.0	11.8	11.5			
MIN	10.2	11.0	12.6	13.0	10.2	11.2	10.1	12.5	12.3	10.4	10.1	12.0	6.4	12.4	9.4	11.3	10.8	7.8	8.4	12.2	9.8	9.6	10.6	8.8	10.2	11.2	11.2	10.0	7.6	11.8	13.2	12.0	10.5	11.8	13.6	12.3			
DUR	3	11	4	3	3	7	3	7	4	4	5	3	5	10	3	5	6	4	4	4	4	4	3	5	4	4	4	4	6	5	5	4	4	3	5	3			
0-1							4.0				7.0				8.0																								
1-2			7.0				4.5																					7.0									9.0		
2-3	8.5						5.0																																
3-4				7.0			5.0			4.5	6.0	5.5				7.0		5.5																					
4-5	5.5						5.5			7.0		8.0															4.0								8.5	8.5	7.0		
5-6							6.0				5.0																												
6-7	3.0						6.0										4.5		8.5	5.0						3.5									6.0	6.0	5.0		
7-8				8.5			6.5								6.0	6.5																							
8-9		5.5	6.0		9.0	6.0	7.0	7.5																															
9-10	6.5				9.0		7.0																																
10-11			8.5		9.0		7.5						7.5	5.5																								5.0	
11-12	3.5				8.5		8.0									6.0																							
12-13		8.5			8.5		8.0																																
13-14					8.5		8.5				3.5	5.5																											
14-15	7.0				8.5		9.0					8.5																											
15-16			5.0		8.5																																		
16-17	4.5				8.0																																		
17-18			7.0		8.0																																		
18-19				5.5	8.0																																		
19-20	8.0				8.0																																		
20-21					8.0																																		
21-22	5.0				8.0																																		
22-23				7.0	7.5																																		
23-24					7.5	5.5																																	
24-25	8.5		6.0		7.5																																		
25-26					7.5	8.5																																	
26-27	6.0		8.5	9.0	7.0																																		
27-28					7.0																																		
28-29	3.0				7.0																																		
29-30					7.0																																		
30-31					7.0																																		

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	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UNI	VIR	VUL
MAX	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	4	4	4	3	6	3	3	4	4	3

0-1			7.0	7.0		6.0				5.0
1-2				7.0						8.0
2-3	8.0			7.0		7.5		3.0		
3-4			7.5	7.0			3.5	4.5		
4-5				7.5		9.0		5.5		4.5
5-6	6.5			7.5				6.5	5.5	8.0
6-7		9.0	7.5	7.5				8.0		
7-8		8.0		7.5				9.0	4.0	
8-9		7.5		7.5						4.0
9-10	8.5	7.0	8.0	7.5		4.5	6.0			7.5
10-11				7.5						
11-12				7.5		6.0				
12-13	7.0		8.5	7.5					7.0	3.5
13-14				7.5		7.5		3.5		7.0
14-15				7.5			3.5	5.0	5.5	
15-16			8.5	7.5		9.0		6.0		
16-17				7.5	3.5			7.0	3.5	3.5
17-18				7.5				8.5		6.5
18-19			9.0	7.5						
19-20	7.5			7.5	5.0					
20-21				7.5		4.5	6.0			
21-22				7.5					7.0	6.0
22-23				7.5	6.5	6.0				
23-24				7.5				3.0	5.5	
24-25				7.5		7.5		4.0		
25-26				7.5	8.0		3.5	5.5	3.5	6.0
26-27	8.0			7.5		9.0	9.0	6.5		9.0
27-28				8.0				8.0		
28-29				8.0				9.0		
29-30				8.0						5.5
30-31				8.0					7.0	8.5

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	Y	RV	W	VV	YZ	RU	AG	BU
	TRI	TRI	UMA	UMA	UMA	UMI	VIR	VUL
MAX	8.9	11.4	9.1	10.1	10.1	10.7	8.8	10.6
MIN	12.0	12.5	9.9	11.0	11.7	11.4	9.4	11.4
DUR	4	4	3	3	3	4	4	3

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

	W	TT	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	SW	VX	CH	SS	EW	FL	RU	RU	RW	U	SX	EQ	ER	FL	U	TY	AQ	Z	RT	RV	
	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEN	HER	HER	HER	LAC	LAC	LAC	LIB	LYR	LYR	MON	MON	MON	OPH	OPH	ORI	ORI	ORI	PEG	PEG	PEG	PER	PER	PER	
MAX	9.4	10.6	9.6	11	10.2	10.8	7.8	9.9	9.9	7.2	8.4	8.4	9.6	10.2	10.6	9.9	9.2	10.9	8.5	10.4	11.2	8.7	10.6	10.6	9.1	5.8	10.5	10.3	9.5	10.5	9.7	10.5	10.3	9.9	10.6	10.3	
MIN	12.7	12.5	10.8	12	11.3	13.6	9.5	10.7	10.7	8.2	9.1	9.1	11.6	12.0	13.4	11.2	10.0	12.3	9.5	11.3	13.6	9.5	11.3	11.3	11.9	6.5	11.2	13.3	10.2	13.2	10.5	12.6	13.0	12.4	12.0	12.7	
DUR	7	5	4	4	3	4	5	5	5	4	3	3	5	4	5	4	3	4	4	6	5	4	5	5	5	5	5	4	3	3	3	6	10	6	4	8	
										(S)		(S)																									
0-1				3.5	7.5					9.5	10.5	6.5					2.0	9.0					9.5				8.5	7.0		9.5							
1-2					2.5	9.0					9.5						9.0	10.5							3.5						3.5		9.5			9.5	
2-3			4.5								8.5			8.0			8.0											9.5		6.5						6.0	
3-4			9.0	8.0	10.5			5.5			8.0			3.5	7.0		7.0		3.5	2.0									9.5						2.0		
4-5	3.0			3.0	5.5	2.5					7.0						6.0													3.5							
5-6										5.0		10.0					5.0							10.5				9.0	8.0	6.5	2.5						
6-7										9.5		9.0					4.5		9.0							4.5				9.5							
7-8				7.0	8.5							8.5		5.5			3.5											8.5		3.5						8.0	
8-9			3.5	2.0	3.5	4.0			3.0			7.5		1.5		3.0	2.5											8.0	10.5	6.5	5.0			2.5	4.5		
9-10		8.5	8.0								10.5						1.5						4.0		9.0				8.0	10.5	6.5	5.0		2.5	4.5		
10-11							7.5				9.5				2.5		8.5												11.0		3.5						
11-12				6.0	6.5				9.5	4.5	9.0			8.0			7.5	3.0	4.5				8.5		5.0			7.0		6.5	7.0		4.0				
12-13		5.5			1.5	6.0				9.5	8.0			3.5	8.5		6.5	4.5												9.5						10.5	
13-14							3.0										5.5	6.5		3.5								10.0		3.5						7.0	
14-15			2.5	10.5	10.0							10.0					4.5	8.0	9.5		10.5					1.5	8.0		6.5	9.0		5.0	3.0				
15-16		2.0	7.0	5.5	4.5						9.0	9.0	10.0		6.5	4.0	10.0												9.5								
16-17						7.5		7.0				8.5		5.5			3.0						9.0			6.0	3.0	9.0		3.5							
17-18										4.5		7.5		1.5		1.5	2.0													6.5					6.5		
18-19				9.5	8.0					9.5	10.5						9.0													9.5						9.0	
19-20				4.5	2.5						9.5				4.0		8.0										5.0			9.5						5.5	
20-21			1.0			9.5					9.0			8.0			7.0			5.0								8.0		3.5						5.5	
21-22			6.0						4.0		8.0			3.5			6.0										6.5		6.5					8.0	2.0		
22-23			10.5	8.5	6.0												5.0		10.0							6.5				9.5							
23-24	8.5			3.5		2.5					4.5		10.0				4.0			5.5									6.5					9.5	11.0		
24-25							8.0		10.5	9.0		9.5		10.0		5.0	3.5											10.0		9.5					8.0		
25-26					9.0							8.5		5.5			2.5	2.0												3.5						4.5	10.0
26-27				8.0	4.0			1.5						1.5			1.5	4.0		2.5	3.0					7.5			6.5			10.5					
27-28			4.5	3.0		4.0	3.5				10.5						8.5	5.5	5.5									9.5		9.5						9.5	
28-29	3.5			9.5							9.5				5.5		7.5	7.5											3.5								
29-30		11.0			7.0			8.0		4.0	9.0			8.0			6.5	9.0											6.5		3.0		10.0	9.0			

	ST	YZ	beta	Y	U	V505	RW	AC	AM	V	X	RV	W	TX	VV	YZ	RU	AG	BU	
	PER	PER	PER	PSC	SGE	SGR	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UNI	VIR	VUL	
MAX	9.7	10.6	2.2	9.0	6.4	6.4	8.0	10.5	10.4	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6	
MIN	13.2	12.7	3.5	12.0	9.1	7.6	12.5	12.3	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4	
DUR	5	4	8	7	6	5	4	6	4	4	4	4	3	6	3	3	4	4	4	3

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

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	RT	TW	WZ	XZ	AB	XZ	OO	V342	V343	V346	RY	CX	WW	WW	Y	SV	AL	RW	RZ	TV	AB	U	YX	EG	SS	R	UU	U	Y	SW	WW	ZZ	BR	CG	V346	V387	
	AND	AND	AND	AND	AND	AQL	AQL	AQL	AQL	AQL	AQR	AQR	AUR	AUR	CAM	CAM	CAM	CAP	CAS	CAS	CAS	CEP	CEP	CEP	CET	CMA	CMA	CRB	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	9.3	8.8	11.6	10.0	9.3	9.3	9.2	9.0	10.6	9.0	8.8	10.7	5.7	5.7	10.6	8.6	10.5	9.8	6.4	7.3	10.2	6.7	8.5	9.6	9.4	6.2	10.0	7.6	7.0	9.3	9.9	10.7	9.4	11.0	11.8	11.5	
MIN	10.2	11.0	12.6	13.0	10.2	11.2	10.1	12.5	12.3	10.4	10.1	12.0	6.4	6.4	12.4	9.4	11.3	10.8	7.8	8.4	12.2	9.8	9.6	10.6	13.0	6.8	12.5	8.8	7.6	11.8	13.2	12.0	10.5	11.8	13.6	12.3	
DUR	3	11	4	3	3	7	3	7	4	4	5	3	5	5	10	3	5	6	4	4	4	4	4	3	5	4	5	5	6	5	5	4	4	3	5	3	

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

	V477	W	TT	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	AV	SW	VX	CM	SS	T	EW	FL	RU	RU	RW	BO	U	SX	EQ	ER	FL	U	TY
	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEN	HER	HER	HER	HVA	LAC	LAC	LAC	LTB	LMI	LYR	LYR	MON	MON	MON	MON	OPH	OPH	ORI	ORI	ORI	PEG	PEG
MAX	8.3	9.4	10.6	9.6	11	10.2	10.8	7.8	9.9	9.9	7.2	8.4	8.4	9.6	10.2	10.6	9.9	10.2	9.2	10.9	8.5	10.4	10.2	11.2	8.7	10.6	10.6	9.1	10.8	5.8	10.5	10.3	9.5	10.5	9.7	10.5
MIN	9.2	12.7	12.5	10.8	12	11.3	13.6	9.5	10.7	10.7	8.2	9.1	9.1	11.6	12.0	13.4	11.2	10.6	10.0	12.3	9.5	11.3	12.6	13.6	9.5	11.3	11.3	11.9	12.1	6.5	11.2	13.3	10.2	13.2	10.5	12.6
DUR	4	7	5	4	4	3	4	5	5	5	4	3	3	5	4	5	4	4	3	4	4	6	6	5	4	5	5	5	5	5	5	4	3	3	3	6
										(S)			(S)																							
0-1					7.0	1.5					9.0	8.0		3.5				5.5	11.0	10.5						8.0					8.5		9.5			
1-2					2.0		6.0					7.0	11.0					4.5														4.5		3.5		
2-3			7.5									6.5	10.0					3.5		1.0						6.0				11.0		6.5				
3-4	2.0			3.5		5.0						5.5	9.5			3.5		3.0						3.0							7.5	6.0	9.5			
4-5				8.5	6.0					5.5		4.5	8.5		5.5		9.5	2.0																3.5		
5-6			4.5		1.0		7.5				4.0	11.5	7.5	10.5	1.5	1.0		1.0		6.0					7.5					7.0	10.5		6.5			
6-7						8.0					9.0	10.5	7.0				10.5	8.0													6.5	8.5	9.0	0.5		
7-8					3.0							10.0	6.0		7.0			7.0																3.0		
8-9			1.5		5.5		1.0	9.0				9.0	5.0	7.5				6.0		11.0								1.0			9.5		6.0			
9-10				2.5		9.5		2.5				8.0		3.5				5.0	1.0		1.0									6.0	11.0	9.0	3.0			
10-11	3.0			7.0		6.0						7.0	11.0					4.0	3.0	1.5													3.0			
11-12					1.0		4.5				4.0	6.5	10.0					3.5	5.0													8.5		6.0		
12-13					4.5		2.5	9.0			8.5	5.5	9.5			1.5		2.5	6.5											6.5	5.0	9.0	5.0			
13-14						11.0							8.5		5.5			1.5	8.5	6.5					9.5		10.5	2.0			11.5		3.0			
14-15						4.0							7.5		1.5	2.5		0.5	10.0						0.5							7.5		6.0		
15-16				1.5	8.5							10.5	7.0					7.5													0.5		9.0	7.5		
16-17				6.0	3.5		4.0					10.0	6.0					6.5							5.0							10.5		3.0		
17-18	4.0	9.0				7.5				6.5	4.0	9.0		8.0			5.5													2.0	7.0		6.0			
18-19						2.0					8.5	8.0		3.5				4.5		2.0				9.0		11.0		2.5					9.0	9.5		
19-20					8.0							7.5	11.0			5.0	10.5	3.5			2.5						9.5			3.5	6.0	9.5		3.0		
20-21					3.0		6.0					6.5	10.5					3.0														6.0	7.5	6.0		
21-22						5.5							9.5				11.5	2.0	7.0		0.5						7.5							9.0		
22-23		4.5		5.0			10.0	4.0				8.5		5.5				1.0														9.0		3.0		
23-24				9.5	7.0						3.5		7.5		1.0	4.0		8.0	0.5					9.5				3.5				10.0	6.0			
24-25	5.0				2.0	8.5	7.5				8.5	10.5	7.0					7.0	2.5				1.0											9.0		
25-26			7.0			3.0		5.5	10.0			10.0	6.0					6.0	4.0						8.5							8.0		3.0		
26-27												9.0			8.0			5.0	6.0	2.5														6.0		
27-28					6.0		1.0			1.0		8.0		3.5				4.0	7.5						7.0	2.5						10.5		9.0		
28-29		4.0	4.0	1.0	6.5	9.5	0.5					7.5	11.0	8.5		3.5		3.0	9.5								4.0				7.0		3.0			
29-30				8.5		1.0					3.5	6.5	10.5					2.5	11.0	7.5	4.0			6.0	6.5									6.0		
30-31					10.0					7.5	8.5		9.5					1.5														10.0		9.0		

	AQ	Z	RT	RV	ST	XZ	beta	Y	U	V505	RW	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PER	PER	PER	PER	PER	PER	PER	PSC	SGE	SGR	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	10.3	9.9	10.6	10.3	9.7	10.6	2.2	9.0	6.4	6.4	8.0	10.5	10.4	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	13.0	12.4	12.0	12.7	13.2	12.7	3.5	12.0	9.1	7.6	12.5	12.3	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	10	6	4	8	5	4	8	7	6	5	4	6	4	4	4	4	3	6	3	3	4	4	3

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

	CG V346	V387	V477	W	TT	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	AV	SW	VX	CM	SS	T	EW	FL	RU	RU	RW	BO	U	SX	EQ	ER	
	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	HYA	LAC	LAC	LAC	LIB	LMI	LYR	LYR	MON	MON	MON	MON	OPH	OPH	ORI	ORI	
MAX	11.0	11.8	11.5	8.3	9.4	10.6	9.6	11	10.2	10.8	7.8	9.9	9.9	7.2	8.4	8.4	9.6	10.2	10.6	9.9	10.2	9.2	10.9	8.5	10.4	10.2	11.2	8.7	10.6	10.6	9.1	10.8	5.8	10.5	10.3	9.5
MIN	11.8	13.6	12.3	9.2	12.7	12.5	10.8	12	11.3	13.6	9.5	10.7	10.7	8.2	9.1	9.1	11.6	12.0	13.4	11.2	10.6	10.0	12.3	9.5	11.3	12.6	13.6	9.5	11.3	11.3	11.9	12.1	6.5	11.2	13.3	10.2
DUR	3	5	3	4	7	5	4	4	3	4	5	5	5	4	3	3	5	4	5	4	4	3	4	4	6	6	5	4	5	5	5	5	5	5	4	3
														(S)	(S)																					
0-1		9.0	6.0		0.5		5.5		2.5					5.0	8.5	5.5					0.5					4.5		8.0		6.0				11.5	6.0	
1-2	4.0						0.5	4.5	11.0					4.0	8.0		1.0			10.0	7.5														2.5	
2-3			7.0											3.0	7.0							6.5				3.5				11.5				5.5	9.0	
3-4	1.5	4.5				3.0								10.0	6.0	2.5				11.0	5.5		3.0			2.5								5.5		
4-5	8.0		5.0				4.5		4.5		5.0			3.5	9.0	5.0						4.5				2.5										
5-6								2.5		10.5				8.0	8.0	4.5		3.5				3.5							9.0						8.0	
6-7	5.5		3.0												7.5	3.5			2.0			2.5		8.0		1.0									4.5	
7-8				7.0							11.0				6.5	10.5						2.0	1.5							11.0				11.0	11.0	
8-9	3.0		1.5				3.5	5.5	6.0	6.0					5.5	9.5		1.0				1.0	3.5												7.5	
9-10	9.0		8.0			2.0		0.5				2.5			5.0	8.5						7.5	5.0			4.0			9.0					5.0	3.5	
10-11						6.5								3.0	4.0	8.0		1.0				7.0	7.0												10.0	
11-12	6.5		6.0							1.5				8.0	3.0	7.0						6.0	8.5	4.0			8.0		6.5	9.0					6.5	
12-13							3.0	3.5	8.0			8.5			10.0	6.0						8.5	5.0	10.5												
13-14	4.0		4.0												9.0	5.5						4.0								4.5					9.0	
14-15		3.5		7.5											8.5	4.5		3.5				9.5	3.0	9.0										10.5	5.5	
15-16	1.5		2.5		5.0		1.0	7.0	7.0	1.0					7.5	3.5			0.5			2.0													4.5	8.5
16-17	7.5		9.0				5.5	2.0	1.5	9.5				3.0	6.5	10.5						11.0	1.5												1.0	4.5
17-18			0.5		6.0						6.0			8.0	5.5	9.5	10.0		2.5				0.5													11.0
18-19	5.0		7.0												5.0	8.5							7.0					6.0								7.5
19-20				0.5			6.0	4.5	2.5	11.5					4.0	8.0		1.0				6.5	4.5										2.5		4.0	
20-21	2.5		5.5		0.5	3.0		1.0		11.5					11.0	7.0	7.0					5.5					1.5									4.0
21-22	9.0			8.5											10.0	6.0						4.5	1.0												10.5	10.5
22-23		9.0	3.5				4.5		8.0		7.0		3.5	3.0	9.0	5.5				4.0		3.5	2.5	9.5		5.5									6.5	
23-24	6.5		10.0				5.5	2.5	4.5					7.5	8.5	4.5		3.5				2.5	4.5							7.0						
24-25			1.5				0.5								7.5	11.5						2.0	6.0		1.5		10.0					0.5				9.5
25-26	3.5	3.0	8.5								2.5		9.5		6.5	10.5						1.0	8.0				10.0									5.5
26-27	10.0			1.5				6.0							6.0	9.5			4.0			7.5	9.5													
27-28	1.0		6.5				4.5	0.5	6.0		0.5				5.0	9.0					9.0	6.5	11.5	5.0												8.5
28-29	7.5					3.5								3.0		8.0		1.0				6.0							10.0						10.0	5.0
29-30			4.5				8.0								7.5	11.0	7.0					10.5	5.0				7.0					1.0				11.5

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	FL	U	TY	AB	Z	RT	ST	XZ	beta	Y	U	V505	RW	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	ORI	PEG	PEG	PEG	PER	PER	PER	PER	PER	PSC	SGE	SGR	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	10.5	9.7	10.5	10.3	9.9	10.6	9.7	10.6	2.2	9.0	6.4	6.4	8.0	10.5	10.4	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	13.2	10.5	12.6	13.0	12.4	12.0	13.2	12.7	3.5	12.0	9.1	7.6	12.5	12.3	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	3	3	6	10	6	4	5	4	8	7	6	5	4	6	4	4	4	4	3	6	3	3	4	4	3

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

	RT	TW	WZ	XZ	AB	XZ	OO	V342	V343	V346	RY	CX	WW	WW	Y	SV	AL	RW	RZ	TV	AB	U	XX	EG	R	UU	U	V	W	W	RV	Y	SW	WW	ZZ	BR	
	AND	AND	AND	AND	AND	AQL	AQL	AQL	AQL	AQL	AQR	AQR	AUR	AUR	CAN	CAN	CAN	CAP	CAS	CAS	CAS	CEP	CEP	CEP	CMA	CMA	CRB	CRT	CRV	CRV	CRV	CYG	CYG	CYG	CYG	CYG	
MAX	9.3	8.8	11.6	10.0	9.3	9.3	9.2	9.0	10.6	9.0	8.8	10.7	5.7	5.7	10.6	8.6	10.5	9.8	6.4	7.3	10.2	6.7	8.5	9.6	6.2	10.0	7.6	9.5	10.6	10.6	9.0	7.0	9.3	9.9	10.7	9.4	
MIN	10.2	11.0	12.6	13.0	10.2	11.2	10.1	12.5	12.3	10.4	10.1	12.0	6.4	6.4	12.4	9.4	11.3	10.8	7.8	8.4	12.2	9.8	9.6	10.6	6.8	12.5	8.8	10.2	11.2	11.2	10.0	7.6	11.8	13.2	12.0	10.5	
DUR	3	11	4	3	3	7	3	7	4	4	5	3	5	5	10	3	5	6	4	4	4	4	4	3	4	5	5	4	4	4	4	6	5	5	4	4	
																(S)																					
0- 1	7.0				2.0				1.0						8.0									11.5	11.0	0.5		8.5	2.5				5.5				
1- 2		8.5			2.0			2.5			0.5							0.5		4.5				0.5		11.0						0.5					
2- 3	4.5	1.0	7.5	2.0							3.0		3.5	3.0	1.0			5.5				5.5		2.5			12.0						2.5	6.0			
3- 4	10.5	10.5		1.5							5.5	10.0			7.5	9.0		10.0						4.5		11.0		11.0		2.5							
4- 5	1.5	3.0		1.5						2.0					12.0								5.5	7.0				10.5		12.0							
5- 6	8.0		0.5	1.5										1.5	2.0					7.0				9.0	6.0			10.0			0.5		6.0				
6- 7		5.0	9.0	1.5	3.0						0.5		5.0		6.5	0.5				10.0				11.0	9.5		9.0	9.0		2.5				5.5			
7- 8	5.0			1.5	3.0						3.0		6.0	11.0	9.0	1.5			5.0	5.5	0.5			2.5			11.5						3.5				
8- 9	11.5	7.5		1.0							6.0	11.0		9.0	1.5				5.0	5.5	0.5			2.5			11.5										
9-10	2.5		2.5	1.0											5.5				9.5	9.5				4.5			11.5			2.0			0.5				
10-11	8.5	9.5	11.0	1.0											10.0	0.5								6.5				11.0	11.5				7.0	5.5			
11-12		2.0		1.0					2.5		0.5				0.5	8.0								6.0	9.0	6.5		10.0									
12-13	6.0	11.5		0.5							3.0		6.0		5.0						3.0	4.5		11.0				9.5		2.0				4.0			
13-14		4.0	4.0	0.5							6.0				9.5											5.0	10.5	9.5		11.0							
14-15	3.0			0.5					1.0										4.5					2.0	8.0						4.0	7.0	1.5	5.5			
15-16	9.5	6.5		0.5					3.5						4.0	8.0	0.5	9.0	11.5					4.5	11.5		12.0	12.0		2.0			7.5				
16-17	0.5	0.5		0.5							0.5	1.0			8.5						5.5			6.5			11.0	11.0									
17-18	6.5		8.5	6.0	0.0						3.5		7.5															10.5						5.0			
18-19		1.0		0.0				1.5			6.0			7.0	3.0									6.0	10.5			10.0		2.0					5.5		
19-20	4.0	10.5		0.0											7.5	7.5														10.5					2.0		
20-21	10.0	3.5	3.0	8.0															3.5		8.0			2.0			10.0								8.0		
21-22	1.0		7.5	8.0	0.0						0.5	2.0			2.5				8.5					4.0							2.0						
22-23	7.5	5.0		7.5	2.5	0.5		4.0			3.5		8.5		7.0									4.0	6.0	7.0			11.5						5.5	5.5	
23-24				7.5	1.0						6.0				11.5	7.0					1.5				8.5	10.5		11.0			7.5						
24-25	4.5	6.5	7.5	0.5	7.5	1.0		0.5							1.5						10.5				10.5		6.5		10.0		1.5	6.0	2.5				
25-26	11.0		0.0	9.0	7.5	1.5			2.5						6.0								6.5												9.0		
26-27	2.0		9.5	7.5	2.0				5.0				1.0	3.5																					0.0	5.5	
27-28	8.0		2.0	7.0	2.0						3.5		9.5		0.5	6.5			8.0	8.5				1.5		10.5									6.0		
28-29		9.5	11.5	2.5	7.0	2.5					5.0	6.0			5.0	5.0					4.0				6.0			10.5			1.5						
29-30	5.5		4.0	11.0	7.0	2.5									9.5													12.0									
30-31	11.5			7.0	3.0						4.0														10.0	6.0			10.5		1.5				9.5	5.5	

	CG	V346	V387	V477	W	TT	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	AV	SW	VX	CM	SS	T	EW	FL	RU	RU	RW	BO	EB	ER	FL	U
	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	HYA	LAC	LAC	LAC	LIB	LMI	LYR	LYR	MON	MON	MON	MON	ORI	ORI	ORI	PEG
MAX	11.0	11.8	11.5	8.3	9.4	10.6	9.6	11	10.2	10.8	7.8	9.9	9.9	7.2	8.4	8.4	9.6	10.2	10.6	9.9	10.2	9.2	10.9	8.5	10.4	10.2	11.2	8.7	10.6	10.6	9.1	10.8	10.3	9.5	10.5	9.7
MIN	11.8	13.6	12.3	9.2	12.7	12.5	10.8	12	11.3	13.6	9.5	10.7	10.7	8.2	9.1	9.1	11.6	12.0	13.4	11.2	10.6	10.0	12.3	9.5	11.3	12.6	13.6	9.5	11.3	11.3	11.9	12.1	13.3	10.2	13.2	10.5
DUR	3	5	3	4	7	5	4	4	3	4	5	5	5	4	3	3	5	4	5	4	4	3	4	4	6	6	5	4	5	5	5	5	4	3	3	3
													(S)			(S)																				
0-1	5.0								4.0			7.0			2.5	6.0					4.0								11.0	8.0		4.0	7.5		2.5	
1-2			2.5					3.5		8.0					1.5	5.5					11.5	3.0								9.5		4.0	4.5	5.5		
2-3	2.5														0.5	4.5						2.0		0.5		7.0				5.5			0.5			
3-4			1.0	2.5											7.5	3.5						1.5				7.0		3.0					7.0		2.5	
4-5			7.5				2.0		2.0	1.0				2.5	6.5	3.0					5.0	0.5					3.0			3.5		3.0	7.0	5.5		
5-6	6.0							3.0		9.5			4.5	7.5	6.0	2.0						7.0	0.0	5.5		7.5					9.5	9.5		8.5		
6-7		2.5	5.5								7.5				5.0	1.0					6.5	6.0	2.0						4.0			6.0		2.5		
7-8	3.5								5.0						4.0	8.0	11.5	1.0				5.5	3.5				11.5			3.5	2.0	9.5	5.5			
8-9			4.0							3.0			10.5		3.5	7.0					7.5	4.5	5.5			8.0					8.5		8.5			
9-10	1.0							2.0		11.5	3.0				2.5	6.5						3.5	7.0				4.0				5.0		2.5			
10-11			2.0	3.5			1.0					2.0		2.5	1.5	5.5	8.5			0.5	9.0	2.5	9.0	1.0						7.0		1.5	12.0	5.5		
11-12							5.5		3.0					7.5	8.5	4.5		3.5				1.5				8.5	3.0		5.5			8.0		8.5		
12-13	4.5		0.0							4.5					7.5	3.5			1.0		10.0	1.0									9.0	4.0		2.5		
13-14			7.0			2.5		1.0				8.0			6.5	3.0	5.0					7.5		6.0			1.5	8.5				10.5		5.5		
14-15	2.0				1.0										6.0	2.0					11.0	6.5				9.0	0.5				3.0	7.0		8.5		
15-16			5.0						1.0						5.0	9.0						6.0					0.5					3.5	3.5	2.5		
16-17						0.0	5.5		6.5					2.5	4.0	8.0	2.0	1.0				5.0						4.5				10.0		5.5		
17-18	6.0	1.5	3.0	4.5			4.5	0.5						7.0	3.5	7.0						4.0					9.5				11.5		6.0		8.5	
18-19									4.0				5.5	12.0	2.5	6.5						3.0		1.5						9.5		2.5	6.0		2.0	
19-20	3.5		1.0												1.5	5.5					6.0	2.0								9.5	5.0	9.0	9.0		5.0	
20-21			8.0					4.5		8.0	8.5				8.5	4.5		3.5				1.0	1.0			10.0					7.0	10.0	2.5	1.5	8.5	2.0
21-22	1.0												12.0		7.5	4.0			2.5			7.5	0.5	3.0	6.5								8.0		5.0	
22-23	7.0		6.0						2.0					2.5	7.0	3.0						7.0	4.5										8.0		5.0	
23-24							3.5			1.0	4.0	3.0		7.0	6.0	2.0					8.5	6.0	6.5			10.5			5.0			4.5		8.0		
24-25	4.5		4.0	5.5				3.5		9.5				12.0	5.0	9.0						5.5	8.0										11.0	11.0	2.0	
25-26		7.5							5.5						4.0	8.0		1.0			9.5	4.5	10.0									7.0		5.0		
26-27	2.0		2.5						0.0			9.0			3.5	7.0				2.5		3.5			2.0	11.0					8.5	3.5		8.0		
27-28	8.5		9.0							3.0					2.5	6.5					11.0	2.5						2.0					10.0		2.0	
28-29		1.0	0.5					3.0		11.5			0.5	2.0	9.5	5.5						1.5									2.5	6.5		5.0		
29-30	5.5		7.0				2.5		3.5					7.0	8.5	4.5		3.5				0.5		7.0		11.5		6.5				2.5		8.0		
30-31							7.0							11.5	7.5	4.0	9.5		4.5			7.5			0.0						8.0		9.0		2.0	

	TY	Z	RT	RV	ST	XZ	beta	Y	U	V505	RW	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PEG	PER	PER	PER	PER	PER	PER	PSC	SGE	SGR	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UNI	VIR	VUL	
MAX	10.5	9.9	10.6	10.3	9.7	10.6	2.2	9.0	6.4	6.4	8.0	10.5	10.4	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	12.6	12.4	12.0	12.7	13.2	12.7	3.5	12.0	9.1	7.6	12.5	12.3	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	6	6	4	8	5	4	8	7	6	5	4	6	4	4	4	4	3	6	3	3	4	4	3

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