

	ZZ	BR	CG	V346	V387	V477	W	TT	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RM	SZ	TU	CT	AV	SW	VX	CM	Y	EW	FL	RU	RU	RM	BO	EQ	ER	FL		
	CYG	CYG	CYG	CYG	CYG	CYG	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	HYA	LAC	LAC	LAC	LEO	LYR	LYR	MON	MON	MON	MON	ORI	ORI	ORI		
MAX	10.7	9.4	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	9.5	11.2	8.7	10.6	10.6	9.1	10.8	10.3	9.5	10.5		
MIN	12.0	10.5	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	12.7	13.6	9.5	11.3	11.3	11.9	12.1	13.3	10.2	13.2		
BUR	4	4	3	5	3	4	7	5	4	4	3	4	5	5	5	4	3	3	5	4	5	4	4	3	4	4	5	5	4	5	5	5	5	4	3	3		
																(S)			(S)																			
0-1	5.5			2.0				1.5									4.0	7.5		0.5				0.5	5.0										11.5		7.0	
1-2	11.5		4.5										6.0		9.0		3.0	7.0					9.0	7.0	6.5												3.0	
2-3	3.0										2.5						2.0	6.0		11.5					6.0		6.5										9.5	6.0
3-4			2.0		3.5					0.5							1.0	5.0				9.5	10.0	5.5													6.0	
4-5																5.0	0.5	4.5	10.5						4.5									1.5		5.5	2.5	
5-6					1.5	1.0			2.0				8.0			9.5	7.5	3.5					11.5	3.5				2.5								9.0	8.5	
6-7											0.5		10.0		6.5		6.5	2.5			0.5		4.0	2.5		4.5			4.0				2.0			5.0		
7-8	3.5																5.5	1.5	7.0	9.5				1.5		8.0					10.0				1.5			
8-9			3.0										1.0				4.5	1.0					5.0	1.0								7.0				8.0		
9-10	1.0											9.5	5.5				4.0	7.5		0.5				7.5			11.0			8.0					4.0			
10-11			0.5		4.5											4.5	3.0	7.0	4.0				6.0	6.5												0.5		
11-12				1.0				1.0							3.5	9.5	2.0	6.0		11.5				5.5					5.5	5.5		5.0			7.0			
12-13	4.0				3.0	2.0						3.0	0.5				1.5	5.0					7.5	5.0	0.5		9.0	11.5							3.5			
13-14	10.5		4.0								2.0	11.5					0.5	4.5	1.0					4.0	2.0				8.0		3.5				10.0	2.5		
14-15	1.5				1.0				3.0					10.0			7.5	3.5					8.5	3.0	4.0	5.0										6.0		
15-16			1.5														6.5	2.5						2.0	6.0						1.0					2.5		
16-17						4.0						4.5		1.0	4.5	5.5	1.5						10.0	1.0	7.5									11.0	9.0	5.0		
17-18	5.0				6.0											9.5	4.5	1.0						0.5		10.5					5.0				5.5			
18-19	11.0		5.5						2.0								4.0	8.0		0.5			11.0	7.0			4.5		9.5			4.5			1.5			
19-20	2.0				4.0	3.0									7.5		3.0	7.0				11.0		6.0		0.5	3.0			10.5					8.0	7.5		
20-21			3.0								3.0	6.0	11.0				2.0	6.0		11.5				5.0												4.5		
21-22					2.0												1.5	5.0					4.5	4.5												1.0		
22-23	5.5		0.5	0.5						1.5						4.5	0.5	4.5						3.5		5.5										7.5	10.0	
23-24							1.0						6.0			9.0	7.5	3.5					6.0	2.5									10.5			3.5		
24-25	3.0							3.5			1.0	8.0		5.0			6.5	2.5						1.5		4.5	4.0									10.0		
25-26			4.0														5.5	2.0					7.0	0.5									4.5			6.5		
26-27					5.0	4.0				0.5			1.5				5.0	1.0			10.5			7.5			2.5			11.5						2.5		
27-28	6.5		1.5								4.0	1.0	11.0				4.0	8.0	8.5	0.5			8.0	6.5	1.5	1.0										9.0	1.5	
28-29		7.0			3.0							9.5				4.0	3.0	7.0						5.5	3.0		1.5			9.5	8.0					5.5		
29-30	3.5									4.5					2.5	9.0	2.0	6.0		11.5			9.5	5.0	5.0		6.0	1.5		3.5						2.0		
30-31			5.0	6.0	1.5				2.5								1.5	5.5	5.5					4.0	7.0	6.0				7.0		10.0				8.5	4.0	

	U	TY	AD	Z	RT	ST	XZ	beta	Y	U	V505	RW	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	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	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	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	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	3.0				9.0		9.5											3.5	11.0	8.0	2.5	11.5		
1-2	6.0				5.0							5.5		4.0		9.5	3.5		3.5					2.5
2-3					1.5			3.5						0.5	8.5		3.5	3.5				5.0	9.5	
3-4	3.0								2.0		10.5	6.5						3.5		5.0		6.0		
4-5	6.0													1.5	2.5		10.0	3.5				7.0	8.0	
5-6					11.0									8.0	6.5		4.0	3.5		6.5	5.0	8.5		2.0
6-7	3.0				7.5		3.5					5.0		3.0		9.0		3.5			10.5	9.5	6.5	
7-8	6.0	1.5			4.0	5.0	7.5							9.0	0.5	8.0	10.0	3.5		8.0		11.0		
8-9					0.5		11.0								4.0	4.5	7.5	4.0	3.5		0.5			
9-10	3.0													10.0	9.0	7.0		3.5		9.5		0.5	11.5	1.5
10-11	6.0	3.5	3.0					11.0						5.0		6.0	10.5	3.5		2.0	2.5	2.0		
11-12					10.0										3.0	5.5	4.5	3.5		11.0	8.0	3.0	9.5	
12-13	3.0				6.5									6.0	7.0	4.5		3.5		3.5		4.0		
13-14	6.0	5.5			2.5		1.5	7.5							4.0	11.0	3.5					5.5	8.0	1.5
14-15				0.5			5.0							7.0	1.0	3.5	5.0	3.5		5.0		6.5		4.5
15-16	3.0				4.0	9.0									5.5	2.5		3.5				8.0	6.0	
16-17	6.0						4.5							8.0	9.5	2.0	11.0	3.5		6.5	5.5	9.0		
17-18				2.0	8.5			5.0				6.5			1.5	5.0	3.5				10.5	10.0		1.0
18-19	3.0				5.0									9.0	3.5	0.5		3.5		8.0		11.5	11.5	4.0
19-20	6.0				1.5		1.5								7.5			4.0		0.5				
20-21				3.5		11.0						1.0		10.0		5.5	4.0			9.5		1.0	9.5	
21-22	3.0						3.0								1.5			4.0		2.0	2.5	2.5		0.5
22-23	6.0				11.0		6.5							11.0	6.0			4.0		11.0	8.0	3.5	8.0	4.0
23-24				4.5	7.5	2.5	10.5								10.0		6.0	4.0		3.5		5.0		
24-25	3.0				3.5													4.0				6.0		
25-26	6.0														4.0			4.0		5.0		7.0		
26-27				6.0											8.0		6.5	4.0				8.5		3.5
27-28	3.0																0.5	4.0		6.5	5.5	9.5	11.0	
28-29	6.0				9.5	9.5	1.0				0.5	8.5		2.0				4.0			10.5	11.0		
29-30				7.5	6.0		4.5								6.5		6.5	4.0	3.0	8.0			9.5	
30-31	3.0				2.5		8.0		3.0						10.5		0.5	4.0		0.5		0.5		3.0

	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	AV	SW	VX	CM	Y	SS	delt	T	EW	FL	RU	RU	RW	BD	SX	EQ	ER	FL	U	TY	Z	RT	RV	ST	XZ	beta		
	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	HYA	LAC	LAC	LAC	LEO	LIB	LIB	LMI	LYR	LYR	MON	MON	MON	MON	OPH	ORI	ORI	ORI	PEG	PEG	PER	PER	PER	PER	PER	PER		
MAX	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	9.5	10.4	4.8	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	9.9	10.6	10.3	9.7	10.6	2.2		
MIN	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	12.7	11.3	5.9	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	12.4	12.0	12.7	13.2	12.7	3.5		
DUR	5	5	5	4	3	3	5	4	5	4	4	3	4	4	5	6	7	6	5	4	5	5	5	5	5	4	3	3	6	6	4	8	5	4	8			
			(S)			(S)																																
0-1					4.5						10.5	3.0						1.0			6.0					4.5									1.5			
1-2		8.5			3.5						3.0	2.0											5.0		4.0	1.0				8.5								
2-3				6.5	2.5	2.0						1.0		11.0						10.5						7.5	6.5	3.0								9.5		
3-4				4.0	5.5	2.0	9.5				4.5				7.5	11.0		1.5						2.5			4.0					10.0	4.5					
4-5				9.0	5.0	1.0								1.5																								
5-6					4.0						5.5											8.0				6.5		2.5					1.0	8.5	2.5	6.0		
6-7	7.0	6.0			3.0	7.0			8.0			5.0						2.0						5.5			3.0								6.0			
7-8					2.5	6.0					6.5	4.5					11.0				10.0															9.5		
8-9					1.5	5.5						3.5			8.5									11.0	3.5	5.5		2.5				10.5	9.5			3.0		
9-10	2.5			4.0		4.5					8.0	2.5						2.5								2.0						7.0						
10-11				8.5	7.5	3.5						1.5			1.0											8.5												
11-12		3.5			6.5	3.0					9.0		2.5													5.0		2.5										
12-13					6.0	2.0	9.5				1.5		4.5	2.5				3.0								1.0								8.5				
13-14					5.0	1.0					10.5			10.0						7.5						7.5	3.0		4.0					7.0	4.0			
14-15		9.5			4.0						2.5	5.5					10.5								4.0		2.5						9.5	7.5		7.5		
15-16				4.0	3.0	7.0						4.5			2.5			3.5						3.0	10.0	3.0						5.5			11.0			
16-17				8.5	2.5	6.0	10.0				4.0	4.0				9.5						2.0	11.0			7.0	5.5					2.0	7.0					
17-18					1.5	5.5						3.0												8.5			3.0		2.5									
18-19						4.5					5.0	2.0						4.0			4.0			8.5			9.5								6.5			
19-20		7.0			7.5	3.5	7.0					1.0														6.0	8.0											
20-21	8.0				6.5	3.0		9.0			6.5			3.0	4.0				10.5					6.5		9.0	2.0	2.5				8.0	6.0		1.5			
21-22				3.5	6.0	2.0		9.5								10.5	4.5										8.5		5.5				4.5		6.0	5.5		
22-23				8.5	5.0	1.0	3.5		10.0	7.5	6.0								9.5	1.0				4.0		3.0	5.0					1.0	5.0		9.0	11.0		
23-24	3.0				4.0	8.0						5.0												6.0			1.5		2.5									
24-25		4.5			3.0	7.0					8.5	4.0						5.0							2.0			8.0		5.5					4.5			
25-26					2.5	6.5						3.5	1.5		5.5							8.0					4.0						10.5				8.0	
26-27					1.5	5.5					10.0	2.5	3.5			11.0					9.5				6.0		10.5		2.5				6.5	4.0				
27-28		10.5	3.5	8.5	4.5						2.5	1.5	5.5					5.5								8.5	7.0	2.0	5.5				3.0					

Page 3

	Y	RW	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PSC	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	9.0	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	12.0	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	7	4	6	4	4	4	4	3	6	3	3	4	4	3

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

	TW	UZ	UZ	AI	YY	YY	RM	SZ	TU	CT	AV	SW	VX	CM	Y	SS	delt	T	EW	FL	RU	RU	RM	BO	U	SX	EQ	ER	FL	U	TY	Z	RT	RV	ST	XZ					
	BRA	DRA	DRA	DRA	ERI	ERI	GEN	HER	HER	HER	HYA	LAC	LAC	LAC	LEO	LIB	LIB	LMI	LYR	LYR	MON	MON	MON	MON	OPH	OPH	ORI	ORI	ORI	PEG	PEG	PER	PER	PER	PER	PER					
MAX	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	9.5	10.4	4.8	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	9.9	10.6	10.3	9.7	10.6					
MIN	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	12.7	11.3	5.9	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	12.4	12.0	12.7	13.2	12.7					
DUR	5	5	5	4	3	3	5	4	5	4	4	3	4	4	5	6	7	6	5	4	5	5	5	5	5	5	4	3	3	6	6	4	8	5	4						
				(S)		(S)																																			
0-1				8.5		3.5										10.0		5.5																	3.5	3.0					
1-2		2.0				3.0					3.5					8.0											2.5								4.5	7.0					
2-3						2.0		9.5								7.0		6.0																	2.5						
3-4					5.0					8.0	4.5			8.5											8.5		2.5							9.0							
4-5		8.0			4.0																								2.5				5.5	2.0							
5-6				3.5	3.5						6.0																								2.0						
6-7	8.5			8.0	2.5							3.0																													
7-8						5.5		7.0			7.0	2.0			8.0		9.5							3.5						2.5											
8-9					4.5				5.5									6.5			2.5				9.0		2.0	4.5									4.5				
9-10	4.0		5.5		4.0						8.5									6.5				9.0										7.5	3.0	8.0					
10-11					3.0																																				
11-12				3.5		2.0	8.0	9.0			9.5			9.0		9.5		7.0						8.0																	
12-13				8.0	5.0					6.5	2.0		3.0		9.5																										
13-14					4.0																		4.0	5.5	10.0			6.5		2.0		2.5									
14-15		3.0			3.5		5.0				3.0	3.0			2.0		9.0	7.5										2.5						10.0							
15-16					2.5							2.5										6.5		3.5											6.5		2.5				
16-17						5.5		7.0			4.5																	5.5	3.5	2.0	2.0	3.5	3.0				6.0				
17-18		9.0		3.0		4.5	1.5		7.5									8.0																			2.0	9.5			
18-19				8.0		4.0					5.5													7.0		8.5															
19-20					3.0				10.0					9.5	3.5													4.5	6.0	2.0		5.0									
20-21	9.5				6.0	2.0		9.0			7.0															10.0	7.5							8.5							
21-22					5.0											8.5																						5.0			
22-23			6.5		4.0						8.0	3.5								8.5								3.5		2.0		6.5									
23-24	5.0			3.0	3.5							3.0																											4.0		
24-25				7.5	2.5	6.5					9.0	2.0			5.0	8.0																								7.5	
25-26					1.5	5.5		7.0																																	
26-27						4.5			9.0				2.0					9.5																						7.5	
27-28		4.0			4.0						3.0		4.0	10.0										4.5			7.0	5.5											4.0		
28-29					3.0					8.5																															
29-30				3.0	6.0	2.0		9.0			4.0	5.0			6.0			10.0						10.0																	
30-31		10.0		7.5	5.0							4.0																												7.5	1.5

	beta	RN	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PER	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UNI	VIR	VUL
MAX	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	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	8	4	6	4	4	4	4	3	6	3	3	4	4	3

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

	RT	TW	WZ	XZ	AB	OO	V342	V343	V346	WW	WW	ZZ	Y	SV	AL	RZ	TV	AB	U	XI	EG	SS	R	UU	U	V	W	W	RV	SW	ZZ	BR	CG	V346	V387	V477
	AND	AND	AND	AND	AND	AQL	AQL	AQL	AQL	AUR	AUR	BOO	CAM	CAM	CAM	CAS	CAS	CAS	CEP	CEP	CEP	CET	CMA	CMA	CRB	CRT	CRV	CRV	CRV	CYG	CYG	CYG	CYG	CYG	CYG	CYG
MAX	9.3	8.8	11.6	10.0	9.3	9.2	9.0	10.6	9.0	5.7	5.7	6.8	10.6	8.6	10.5	6.4	7.3	10.2	6.7	8.5	9.6	9.4	6.2	10.0	7.6	9.5	10.6	10.6	9.0	9.3	10.7	9.4	11.0	11.8	11.5	8.3
MIN	10.2	11.0	12.6	13.0	10.2	10.1	12.5	12.3	10.4	6.4	6.4	7.6	12.4	9.4	11.3	7.8	8.4	12.2	9.8	9.6	10.6	10.3	6.8	12.5	8.8	10.2	11.2	11.2	10.0	11.8	12.0	10.5	11.8	13.6	12.3	9.2
DUR	3	11	4	5	3	3	7	4	4	5	5	5	10	3	5	4	4	4	4	4	3	5	4	5	5	4	4	4	4	5	4	4	3	5	3	4
										(S)																										
0- 1					9.5			7.5		2.5				6.0				10.0								9.0	6.5								6.5	
1- 2	3.0				9.5										8.0						3.0							6.0		5.5	9.0					
2- 3	9.0				9.0			9.0													5.5						5.0	9.5	5.5			6.0				
3- 4					9.0							5.0		5.0				7.0		4.5	7.5		2.5			4.0	9.0	4.5			6.5		8.0	8.5		
4- 5	6.5				9.0										9.5						9.5		6.0				3.5	8.5								
5- 6			3.0		9.0					3.5				7.5	5.5				9.5							6.5	7.5	3.0	5.5					9.5		
6- 7	3.5				9.0									4.0			9.5										2.0	7.0			6.0					
7- 8	9.5				8.5									8.5				9.5					4.0		9.5	6.0									7.5	
8- 9											5.0											5.0			8.0			5.5	5.0		7.0		9.0			
9-10	7.0											3.0	3.5	7.0													4.5	9.5								
10-11										5.0				8.0					3.0	9.0	5.0	9.5					4.5	8.5	4.0		9.0	4.5	6.0			
11-12	4.5							9.0								5.0											3.5	8.0	5.0						6.5	
12-13									8.0					2.5		9.5							5.0			7.0	7.0	2.5								
13-14							8.5					5.0		7.0	6.5													6.5			8.0					
14-15	8.0		4.0	2.0														5.5								10.0	6.0		4.5			6.0		7.5	8.5	
15-16										6.0									9.0						5.5	2.5	9.5	5.0			5.0		8.0			
16-17	5.0													6.0													4.5	9.0								
17-18															6.5	4.5	7.0			5.0							5.0	8.5	3.5	4.5						
18-19	2.5			4.0								4.5			9.0		8.0										3.0	7.5			8.5	6.0				7.5
19-20	8.5													5.5		2.5											7.5	7.0	2.0							
20-21											7.0									8.5		4.5		3.5	4.0			6.0	4.0		6.0		9.0			
21-22	6.0		3.0												6.0													5.5							10.0	
22-23				5.5		8.5								8.0	4.5											3.5	3.0	9.5	4.5			6.0				
23-24	3.0	2.5				9.0			9.5			4.5		9.0		4.0											4.0	8.5	4.0		9.0					8.0
24-25	9.5					9.0									8.5					5.5							5.5	8.0	3.5							
25-26						9.5				8.5				3.5	5.5			4.0	8.0			2.5					2.5	7.5	9.5		6.5		7.0		8.5	
26-27	6.5					10.0								8.0			8.5									8.0	6.5		3.5		6.0					
27-28																												6.0								
28-29	4.0											4.0		3.0			4.0						2.5				5.0	10.0	9.5							
29-30										3.5				7.5	5.5	3.5		6.5									3.5	9.0	4.5	3.5						

	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	AV	SW	VX	CM	Y	SS	delt	EW	FL	RU	RU	RW	BO	U	SX	EQ	ER	FL	AO	RT	ST	XZ		
	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	HYA	LAC	LAC	LAC	LEO	LIB	LIB	LYR	LYR	MON	MON	MON	MON	OPH	OPH	ORI	ORI	ORI	PEG	PER	PER	PER		
MAX	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	9.5	10.4	4.8	11.2	8.7	10.6	10.6	9.1	10.8	5.8	10.5	10.3	9.5	10.5	10.3	10.6	9.7	10.6		
MIN	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	12.7	11.3	5.9	13.6	9.5	11.3	11.3	11.9	12.1	6.5	11.2	13.3	10.2	13.2	13.0	12.0	13.2	12.7		
DUR	4	4	3	4	5	5	5	4	3	3	5	4	5	4	4	3	4	4	5	6	7	5	4	5	5	5	5	5	5	4	3	3	10	4	5	4		
							(S)			(S)																												
0-1															5.0											2.0										5.5		
1-2			9.5																																6.0			
2-3				5.0					2.5				4.0		6.5	9.0						9.0	5.5	4.5						4.0				2.5				
3-4											6.5	7.0				8.0			7.5	10.0						5.0					8.5							
4-5							7.5	2.5							7.5						7.5	7.5					5.0											
5-6								7.5																		2.5										3.0		
6-7				6.5	5.5					3.0	3.0		7.0	9.0						7.0		6.5																
7-8		9.5								2.0		9.0															7.5							5.0		3.0		
8-9											5.0								9.0			5.0															7.0	
9-10						5.0									2.5												6.0											
10-11	9.0			8.5				2.5	3.5							9.5						4.0																
11-12		9.0						7.5	2.5				6.0		3.5	8.5						7.0																
12-13												7.0																									7.0	
13-14															5.0		8.5																				4.0	
14-15						2.5																					7.0											
15-16									3.0				5.0	6.0					3.0				7.5												5.0	4.5		
16-17								2.5	2.0		9.0									8.5						5.0		6.0		3.5	4.0					8.5		
17-18			3.0			9.0	7.0				5.0				7.0			7.0																				
18-19																2.0						7.0							7.5		6.0			6.0				
19-20									3.5						8.5	9.0				5.5							7.5			2.5				2.0				
20-21				6.5					2.5				7.5						4.5					2.5				9.0										
21-22			5.0									7.0			9.5																							
22-23					6.0			2.5							8.5											6.0												2.5
23-24								7.0	4.0	8.0																									8.0	3.5	6.0	
24-25									3.0						3.0												4.0	8.5	5.5	4.5				4.5				
25-26			6.5						2.5		9.0							7.5	5.5		6.5				4.5	2.5												
26-27											4.5	5.0			4.5	2.5							5.0															
27-28						3.5		4.5								9.5								7.0		8.0				3.5								
28-29								3.5							5.5		9.5						9.0															
29-30			8.5					7.0	2.5				9.0														9.0			6.5				7.0				

Page 3

	beta	U	RW	AC	AN	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PER	SGE	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	2.2	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	3.5	9.1	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	B	6	4	6	4	4	4	4	3	6	3	3	4	4	3

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

Page 3

	beta	U	V505	RN	AM	W	TX	VV	XZ	RU	AG	BU
	PER	SGE	SGR	TAU	TAU	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	2.2	6.4	6.4	8.0	10.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	3.5	9.1	7.6	12.5	12.3	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	8	6	5	4	4	3	6	3	3	4	4	3

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

Page 3

	BU
MAX	10.6
MIN	11.4
DUR	3

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

	RT	TW	WZ	XZ	AB	XZ	DD	V342	V343	V346	RY	CI	Y	SV	AL	RM	RZ	TV	AB	U	IX	EG	SS	U	V	W	W	RV	SW	MM	ZZ	BR	CG	V346	V387	V477	
	AND	AND	AND	AND	AND	AQL	AQL	AQL	AQL	AQL	AGR	AGR	CAM	CAM	CAM	CAP	CAS	CAS	CAS	CEP	CEP	CEP	CET	CRB	CRT	CRV	CRV	CRV	CYG	CYG	MM	ZZ	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	10.6	8.6	10.5	9.8	6.4	7.3	10.2	6.7	8.5	9.6	9.4	7.6	9.5	10.6	10.6	9.0	9.3	9.9	10.7	9.4	11.0	11.8	11.5	8.3	
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	12.4	9.4	11.3	10.8	7.8	8.4	12.2	9.8	9.6	10.6	10.3	8.8	10.2	11.2	11.2	10.0	11.8	13.2	12.0	10.5	11.8	13.6	12.3	9.2	
DUR	3	11	4	5	3	7	3	7	4	4	5	3	10	3	5	6	4	4	4	4	4	3	5	5	4	4	4	4	5	5	4	4	3	5	3	4	

(S)

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

	N	TY	TY	YY	FZ	Z	TW	UZ	UZ	AI	SZ	TU	CT	AV	SW	VX	CM	Y	SS	delt	T	EM	FL	U	SX	U	TY	AD	Z	RT	RV	ST	XZ	beta	U	V505	
	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	HER	HER	HER	HYA	LAC	LAC	LAC	LEO	LIB	LIB	LMI	LYR	LYR	OPH	OPH	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PER	SGE	SGR
MAX	9.4	10.6	9.6	11	10.2	10.8	7.8	9.9	9.9	7.2	10.2	10.6	9.9	10.2	9.2	10.9	8.5	9.5	10.4	4.8	10.2	11.2	8.7	5.8	10.5	9.7	10.5	10.3	9.9	10.6	10.3	9.7	10.6	2.2	6.4	6.4	
MIN	12.7	12.5	10.8	12	11.3	13.6	9.5	10.7	10.7	8.2	12.0	13.4	11.2	10.6	10.0	12.3	9.5	12.7	11.3	5.9	12.6	13.6	9.5	6.5	11.2	10.5	12.6	13.0	12.4	12.0	12.7	13.2	12.7	3.5	9.1	7.6	
DUR	7	5	4	4	3	4	5	5	5	4	4	5	4	4	3	4	4	5	6	7	6	5	4	5	5	3	6	10	6	4	8	5	4	8	6	5	

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

Page 3

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

	RT	TW	WZ	XZ	AB	XZ	DD	V342	V343	V346	CX	WW	Y	SV	AL	RM	RZ	TV	AB	XI	EG	U	V	W	W	RV	SM	WW	ZZ	BR	CG	V346	V387	V477	W	TT
	AND	AND	AND	AND	AND	AQL	AQL	AQL	AQL	AQL	AGR	AUR	CAM	CAM	CAM	CAP	CAS	CAS	CAS	CEP	CEP	CRB	CRT	CRV	CRV	CRV	CY6	CY6	CY6	CY6	CY6	CY6	CY6	CY6	DEL	DEL
MAX	9.3	8.8	11.6	10.0	9.3	9.3	9.2	9.0	10.6	9.0	10.7	5.7	10.6	8.6	10.5	9.8	6.4	7.3	10.2	8.5	9.6	7.6	9.5	10.6	10.6	9.0	9.3	9.9	10.7	9.4	11.0	11.8	11.5	8.3	9.4	10.6
MIN	10.2	11.0	12.6	13.0	10.2	11.2	10.1	12.5	12.3	10.4	12.0	6.4	12.4	9.4	11.3	10.8	7.8	8.4	12.2	9.6	10.6	8.8	10.2	11.2	11.2	10.0	11.8	13.2	12.0	10.5	11.8	13.6	12.3	9.2	12.7	12.5
DUR	3	11	4	5	3	7	3	7	4	4	3	5	10	3	5	6	4	4	4	4	3	5	4	4	4	4	5	5	4	4	3	5	3	4	7	5
												(S)																								
					4.5		4.5								5.0		9.0		5.0	9.5		6.0					7.5		4.5							
1-2	3.0		9.0		4.5		5.0																		2.5			8.0		6.0		6.5		5.0		
2-3	9.5				4.5	2.5	5.5							5.0				5.5																		
3-4				9.5	4.5		5.5	6.0		4.5	4.5			9.5		8.0													5.0		3.5		4.5		9.5	
4-5	6.5	4.0	4.0		4.5	6.0	6.0			7.0	7.5	8.5			4.5				7.5											4.5	9.5			6.5		
5-6					4.0		6.5				9.5			4.0			3.5												2.5				2.5			
6-7	4.0		6.0	2.5	4.0	9.5	6.5					3.0	8.5			8.0												8.5		7.0		9.5			6.5	
7-8					4.0		7.0													10.0	3.0	3.5		2.5		6.5										
8-9		7.0	8.0		4.0		7.0				4.5			3.0	4.0														6.0	4.5	4.5		7.5			
9-10	7.5				4.0		7.5		6.5		7.5	9.5		7.5																						3.5
10-11				4.5	3.5		8.0								3.0												6.5	3.0			6.5	5.5				
11-12	4.5		3.0		3.5		8.0		3.0					2.5		3.0	7.0	3.5										9.5		8.5			7.5			
12-13					3.5		8.5							7.0	4.0		7.5													4.5			3.5			
13-14			5.0		3.5		9.0			3.5	5.0							2.5							3.0			6.5		6.0						
14-15	8.0			6.0	3.5		9.0			6.0	7.5																									
15-16			7.0		3.0		9.5			8.5				6.0				6.0											4.0		3.0		8.5			
16-17	5.5				3.0										3.5																					
17-18			9.0		3.0												2.5																		6.5	
18-19	2.5			7.5	3.0						5.0			5.0			7.0												4.0		7.5		7.0		8.5	
19-20	9.0				3.0	5.5					7.5		8.5	9.5					8.5	2.5	2.5			3.5									5.0			
20-21			4.0		2.5			5.0	8.5						3.0	7.5		8.5								2.5		5.5	4.5	4.5	4.5					
21-22	6.0				2.5	8.5								4.5																			6.0	3.0		
22-23			6.0	9.5	2.5					4.5				8.5																				9.5		
23-24	3.5				2.5					2.5	5.0																		8.0		8.0					
24-25	9.5		8.0		2.0					5.0	7.5			3.5	2.5		6.5													4.0			8.0			
25-26										7.5				8.0																					9.5	6.0
26-27	7.0																		4.5	2.5	4.5			3.0									6.0		9.0	
27-28														2.5												2.5			2.5		3.0					
28-29	4.0				10.0						5.0			7.0	2.5											4.5			8.5	4.0	9.5		4.0			
29-30			5.0	4.5	9.5						8.0		6.5																							6.0
30-31					9.5		2.0	9.0									6.0		7.0								3.5	4.0	6.0		7.0					

	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	AV	SM	VX	CM	SS	delt	EM	FL	U	SX	ER	FL	U	TY	Z	RT	ST	XZ	beta	Y	U	V505			
	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	HYA	LAC	LAC	LAC	LIB	LIB	LYR	LYR	OPH	OPH	ORI	ORI	PEG	PEG	PER	PER	PER	PER	PER	PER	PSC	SGE	SGR		
MAX	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	4.8	11.2	8.7	5.8	10.5	9.5	10.5	9.7	10.5	9.9	10.6	9.7	10.6	2.2	9.0	6.4	6.4			
MIN	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	5.9	13.6	9.5	6.5	11.2	10.2	13.2	10.5	12.6	12.4	12.0	13.2	12.7	3.5	12.0	9.1	7.6			
DUR	4	4	3	4	5	5	5	4	3	3	5	4	5	4	4	3	4	4	6	7	5	4	5	5	3	3	3	6	6	4	5	4	8	7	6	5			
							(S)			(S)																													
0-1	8.5	9.5							8.5				7.5			8.0									10.0		6.5								7.0				
1-2		4.5				8.5										7.0		4.5			4.5		7.5				9.5												
2-3			8.5	9.0	3.0							9.0		4.5		6.0			5.0			5.0					3.5	5.5											
3-4			3.5					4.5	9.5			4.5				5.0	2.5				3.5				9.0		6.5			6.5									
4-5		8.5						9.5	9.0							4.0	4.0	9.5					9.5				9.5			3.0									
5-6	2.5	4.0														3.0	6.0										3.5	7.5								6.5			
6-7	7.0		6.5			6.0										2.5	8.0						8.0					6.0											
7-8											8.5	6.5	3.0			9.0	9.5									9.5	9.0						5.0						
8-9		8.0							9.5			2.5				8.0											3.0	10.0		9.0		8.5							
9-10		3.0		4.0				4.5					9.5	8.0		7.5		5.0									6.0			5.0									
10-11			4.5					9.5								6.5											9.0												
11-12						3.5						9.0		2.5		5.5								9.0														4.5	
12-13	6.0	7.0							10.0			4.5				4.5		6.5									6.0				9.5			7.5		9.0			
13-14			8.0	5.5	8.5											3.5							2.5				9.0												
14-15			2.5			9.5										2.5															7.5						4.5		
15-16								4.5								9.5		3.5									6.0			4.0		6.5							
16-17		6.5			3.5			9.0				6.5	4.5			8.5							9.5				9.0						9.0						
17-18			6.0	7.5				9.5				2.5				7.5		5.5																				2.5	
18-19	5.0												6.0			7.0	3.5										6.0											6.5	
19-20	9.5					7.0										6.0	5.0										9.0			10.0			5.5						
20-21		5.5	9.0									9.0				5.0	7.0							2.5						6.0	8.0								
21-22			4.0	9.0				4.0	10.0			4.5				4.0	9.0										6.0												
22-23								9.0								3.0									4.0		9.0												
23-24		9.5												2.5		2.0								3.0								8.0							
24-25	4.0	4.5	7.0			4.5										9.0			7.0							5.5	6.0									8.0	4.5		
25-26	8.5											6.5	6.0	9.5		8.0		6.5	5.0								9.0			8.5							9.0		
26-27												2.5				7.0															5.0								
27-28		8.5			9.0			4.0						4.5		6.5											6.0									9.0			
28-29		4.0	5.0	4.0				9.0								5.5											9.0		4.5		6.5								
29-30												9.0				4.5																							
30-31	3.0				4.5							4.5				3.5											6.0					5.5						2.5	

Page 3

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

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

	W	TT	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	SW	VX	CH	Y	SS	delt	EW	FL	RU	RW	U	SX	EQ	ER	FL	U	TY	AQ	Z	RT	
	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	LAC	LAC	LAC	LEO	LIB	LIB	LYR	LYR	MON	MON	OPH	OPH	ORI	ORI	ORI	PEG	PEG	PEG	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	9.5	10.4	4.8	11.2	8.7	10.6	9.1	5.8	10.5	10.3	9.5	10.5	9.7	10.5	10.3	9.9	10.6	
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	12.7	11.3	5.9	13.6	9.5	11.3	11.9	6.5	11.2	13.3	10.2	13.2	10.5	12.6	13.0	12.4	12.0	
DUR	7	5	4	4	3	4	5	5	5	4	3	3	5	4	5	4	3	4	4	5	6	7	5	4	5	5	5	5	4	3	3	3	6	10	6	4	
										(S)		(S)																									
0-1			7.5	8.0	8.0							9.0					2.5											10.5	7.5		9.0		4.0	6.0	7.0		
1-2		2.5		3.0	3.0	5.5			8.0			8.0			1.5		2.0	2.5					9.0													3.5	
2-3										4.0		7.5					8.5	4.5	7.0						4.5			10.5		6.0	3.5						
3-4										8.5	10.5	6.5		6.5	8.0		7.5	6.5						7.5				7.0		9.0					7.0		
4-5				7.0	6.0						9.5			2.5			6.5	8.0											7.5		3.0						
5-6			2.0	2.0		7.5					8.5				3.0	6.0	10.0		10.5				6.5						9.5		6.0	5.5				9.5	
6-7			6.5					5.5			7.5						5.0							1.5						9.0					8.5	6.0	
7-8					9.5						7.0	11.0		9.0		4.0		2.5		3.5			5.0			5.0		10.0		10.0		3.0			2.5		
8-9				6.0	4.0					4.0		10.0		4.5		3.0								6.0	9.5	9.5			8.5		6.0	8.0					
9-10				1.5		9.0					8.5		9.0			2.0								4.0						9.0					10.0		
10-11							10.0					8.0			3.0		1.5		7.5					10.0						3.0							
11-12				10.5	7.5				3.0			7.5					8.0							2.5					8.0		6.0	10.0	6.5			8.0	
12-13			5.5	5.5	2.0	2.0					10.5			6.5		6.5	7.0									6.0			8.5						4.5		
13-14			10.0				5.5				9.5			2.5			6.0							1.5					10.5		2.5						
14-15					10.5					9.5	3.5	8.5				1.5	5.5											10.0	7.0	5.5							
15-16				9.5	5.5						8.5	8.0					4.5	2.0	3.0											8.5							
16-17				4.5		4.0								9.0		3.5	3.5												10.0		2.5					10.5	
17-18												10.0		4.5		2.5	5.5					5.0				6.5			5.5						7.0		
18-19	6.5	8.0	4.5		8.5							9.0				1.5	7.5	8.0											8.5							3.5	
19-20			9.0	8.5	3.5		6.5					8.5	8.0		4.5		8.5	9.0						3.0					9.0		2.5						
20-21				4.0		5.5					3.5	7.5					7.5						2.0				1.5			5.5							
21-22		5.0									8.5	10.5		6.5		5.0	6.5						5.0	7.5				9.5		9.0	8.5						
22-23					6.5							9.5		2.0			6.0									7.5	3.0		8.0		2.5		9.0			9.0	
23-24	2.0			8.0	1.5							8.5					5.0		3.5										5.5							5.5	
24-25		2.0	3.5	3.0		7.5			4.0			8.0					4.0										4.5		8.5								
25-26			8.0		9.5									9.0			3.0													2.5							
26-27					4.5						3.5	10.0		4.5			2.0		8.5								6.0		5.5								
27-28				7.0			6.0		10.5	8.0		9.0					1.0								8.0			10.0		8.5							
28-29				2.0		9.0						8.5			6.5	8.5	8.0						5.0					9.0		2.5						8.0	
29-30					7.5			1.5									7.0													5.5							4.5

	RV	ST	XZ	beta	Y	U	V505	RW	AC	AM	V	X	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	UMI	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			9.5		3.5	2.5	7.0						11.0	10.0	7.5	8.5		2.0		3.5	
1-2								7.5	9.5				9.5	1.5	8.5					4.5	1.5
2-3											5.0	8.5		8.5		3.5				6.0	5.0
3-4									10.5		9.0	8.0	8.0	8.5						7.0	8.5
4-5										7.0		7.5	2.0	8.5		5.0				8.5	
5-6		5.5		10.5							3.0	6.5		8.5						9.5	1.0
6-7			3.5				5.0				8.0	7.0	6.0	8.5	8.5	6.5				10.5	4.5
7-8			7.0										5.5	2.5	9.0						8.0
8-9				7.5							9.5		4.5		9.0	8.0					2.5
9-10											5.5	4.0	8.5	9.0						3.0	1.5
10-11						6.0				10.5	9.5	3.5	3.0	9.0		9.5	8.5	3.0			4.0
11-12				4.0	10.5							2.5		9.0		2.0				4.0	7.5
12-13							3.0	9.5			3.5		9.0	9.0						5.5	11.0
13-14		4.0					7.5				8.0		3.0	9.0		3.5				6.5	
14-15			5.0											9.0						7.5	3.5
15-16			8.5		5.0						2.0		9.5	9.0		5.0				9.0	7.0
16-17											6.0		3.5	9.0						10.0	10.5
17-18	10.5										10.0			9.0		6.5					2.5
18-19													9.5	9.0							3.5
19-20	9.5						5.0				4.0		4.0	9.0		8.0					6.5
20-21						9.0	9.5				8.5			9.0				3.0	2.5		10.0
21-22	9.0		3.0										10.0	9.0		9.5	8.5	3.5			
22-23			6.5								2.5		4.0	9.0		2.0				4.5	3.0
23-24	8.5		10.0								6.5			9.0						6.0	6.0
24-25											10.5		10.5	9.0		3.5				7.0	9.5
25-26	8.0						3.0						4.5	9.0	1.5					8.0	
26-27		10.0					7.5	5.5			5.0			9.0		5.0	5.5	9.5	2.5		2.5
27-28	7.0						3.5				9.0		11.0	9.0						10.5	6.0
28-29				9.0									5.0	9.0	3.0	6.5					9.0
29-30	6.5		4.5								3.0			1.0							

	M	TT	TY	YY	FZ	Z	TW	UZ	UZ	AI	YY	YY	RW	SZ	TU	CT	AV	SW	VX	CM	Y	SS del	EW	FL	RU	RU	RW	BO	U	SX	EQ	ER	FL	U	TY	
	DEL	DEL	DEL	DEL	DEL	DRA	DRA	DRA	DRA	DRA	ERI	ERI	GEM	HER	HER	HER	HYA	LAC	LAC	LAC	LEO	LIB	LIB	LYR	LYR	MON	MON	MON	MON	OPH	OPH	ORI	ORI	ORI	PEG	PEG
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	10.2	9.2	10.9	8.5	9.5	10.4	4.8	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	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	12.7	11.3	5.9	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	7	5	4	4	3	4	5	5	5	4	3	3	5	4	5	4	4	3	4	4	5	6	7	5	4	5	5	5	5	5	5	4	3	3	3	6
										(S)		(S)																								
0-1			2.0		2.5		1.5				10.5	6.5		6.5	3.0	9.0	6.0	3.0						0.5								9.0		8.5		
1-2			7.0	6.0		2.5					9.5	5.5		2.0				5.5	4.5	4.0						6.5					5.5		2.5			
2-3				1.5		11.0		7.5		3.0	8.5	5.0				10.0	4.5	6.5		10.0				5.0								5.5	5.5			
3-4					5.5					8.0	8.0							3.5	8.5		1.0										8.0	8.5	1.5			
4-5					0.5						7.0	11.0				11.0	2.5	10.0	9.0					9.0		1.0					4.5	2.5				
5-6				5.5		4.0					6.0	10.0		4.5	1.5			1.5												8.5	11.0	8.0	5.5			
6-7		1.0									5.5	9.0						0.5													7.5	8.5	4.0			
7-8		5.5			3.5			5.0				8.5						7.5		11.5													2.5			
8-9										3.0	11.5	7.5						6.5													10.0	10.0	5.5			
9-10				4.5		6.0				8.0	10.5	6.5	9.5	6.5	1.5		5.5		4.5							2.0				6.5	8.5	6.0				
10-11					7.0				11.5		9.5	6.0		2.0			5.0						8.0									2.5				
11-12		7.5			1.5		7.0				9.0	5.0					4.0														9.5	5.5				
12-13	7.5			8.5			2.5				8.0		6.0				3.0		9.5				7.0						8.0	5.5	8.5	8.0				
13-14			4.5	4.0		7.5					7.0	11.0					2.0				2.5			2.5		10.5					2.5					
14-15		4.5	9.0		5.0		2.5			3.0	6.0	10.0		4.5	3.0		1.0	2.0					5.5			2.5				8.5	5.5					
15-16							9.0			7.5	5.5	9.5					8.0	4.0					6.5								8.5	10.5				
16-17				8.0		0.5						8.5			5.0		7.0	6.0					4.5	8.5						11.0	2.5					
17-18	2.5	1.0		3.0	8.0	9.5					11.5	7.5				11.0	6.0	7.5	5.0				11.0							7.5	5.5					
18-19					3.0						10.5	6.5		6.5			5.0	9.5					3.5			10.5						8.0		8.0		
19-20			3.5								9.5	6.0		2.0			4.5	11.0									3.5		8.0	10.5	7.0	2.0				
20-21			8.0	7.0		2.5		6.0	3.0	9.0							3.5		10.0				2.0			8.0				6.5	5.0					
21-22				2.0	6.0	11.0				7.5	8.0						2.5									10.0						8.0				
22-23					1.0						7.0	11.0		8.5			1.5		1.0				1.0								9.5	9.5	2.0			
23-24											6.5	10.0		4.5	5.0		0.5												1.5	6.0	5.0					
24-25				6.0	9.0	4.0						9.5					7.5									4.0					8.0					
25-26		2.5	1.5	4.0			8.0	3.5				8.5			3.5		6.5		6.0										3.0	8.5	2.0					
26-27		7.0								2.5	11.5	7.5					5.5				1.0	3.0		4.0						7.5	5.0					
27-28				10.5						7.5	10.5	7.0		6.5			4.5												4.5	11.5	8.0					
28-29				5.5	7.0	6.0	3.0	10.0			10.0			2.0			4.0	1.5	11.0				8.0							8.0	2.0					
29-30					2.0						9.0		10.5				3.0	3.0		9.5						5.0						5.0				
30-31								1.0			8.0						2.0	5.0	1.5											10.5	8.0					

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

	U	TY	AD	Z	RT	RV	ST	XZ	beta	Y	U	V505	RW	AC	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PEG	PEG	PEG	PER	PER	PER	PER	PER	PER	PSC	SGE	SGR	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UMI	VIR	VUL
MAX	9.7	10.5	10.3	9.9	10.6	10.3	9.7	10.6	2.2	9.0	6.4	6.4	8.0	10.5	10.9	8.9	11.4	9.1	6.8	10.1	10.1	10.7	8.8	10.6
MIN	10.5	12.6	13.0	12.4	12.0	12.7	13.2	12.7	3.5	12.0	9.1	7.6	12.5	12.3	11.9	12.0	12.5	9.9	8.9	11.0	11.7	11.4	9.4	11.4
DUR	3	6	10	6	4	8	5	4	8	7	6	5	4	6	4	4	4	3	6	3	3	4	4	3
0-1	2.0		5.0	9.0	11.0			10.0							7.5		8.5	2.0		6.5		1.0	11.0	
1-2	5.0				7.5								5.5		11.5		3.0	2.0				2.0		
2-3	8.0				4.0		11.5								1.5			2.0		8.0		3.5	9.0	2.0
3-4	2.0			10.0					4.0		4.0				5.5		9.0	2.0		0.5	3.0	4.5		5.5
4-5	5.0														10.0		3.0	2.0		9.5	8.5	5.5		
5-6	8.0						3.5	1.0								11.5		2.0		2.0		7.0		
6-7	2.0	2.0		11.5	9.5			4.5							4.0	11.0	9.5	2.0		11.0		8.0		1.5
7-8	5.0				6.0			8.0							8.0	10.5	3.5	2.0		3.5		9.5		5.0
8-9	8.0				2.5			11.5								9.5		2.0				10.5		
9-10	2.0	4.0									2.0				2.0	9.0	10.0	2.0		5.0	5.5	11.5	11.0	
10-11	5.0						10.5		9.5	2.0					6.0	8.0	4.0	2.0	0.0		11.0	0.5		1.5
11-12	8.0		7.5												10.5	7.5		2.0		6.5		1.5		4.5
12-13	2.0	6.5			8.5								7.0		0.5	7.0	10.0	2.0				2.5		8.0
13-14	5.0				5.0		2.0	2.5	6.0						4.5	6.0	4.0	2.0		8.0		4.0		
14-15	8.0				1.0			6.0							8.5	5.5		2.0		0.5	3.0	5.0		1.0
15-16	2.0	8.5						9.5					1.5		5.0	10.5	2.0			9.5	8.5	6.5		4.0
16-17	5.0						3.0				4.5				2.5	4.0	4.5	2.5		2.0		7.5		7.5
17-18	8.0				10.5										7.0	3.5		2.5		11.0		8.5		
18-19	2.0				7.0		9.0		5.5						11.0	3.0	11.0	2.5		3.5		10.0	10.5	0.5
19-20	5.0				3.5										1.0	2.0	5.0	2.5			0.5	11.0		4.0
20-21	8.0									5.5					5.0	1.5		2.5		5.0	6.0			7.0
21-22	2.0						0.5	3.5							9.0	0.5	11.0	2.5			11.0	1.0		
22-23	5.0							7.5			2.0					5.5	2.5	6.5	6.5			2.0		
23-24	8.0				9.5			11.0					9.0		3.0			2.5				3.5		3.5
24-25	1.5				6.0									4.0	7.5		11.5	2.5		8.0		4.5		6.5
25-26	4.5				2.0										11.5		5.5	2.5	8.0	0.5		5.5		
26-27	7.5						8.0						3.5	5.0	1.5			2.5		9.5	8.5	7.0		
27-28	1.5					11.5									5.5			2.5		2.0		8.0	10.5	3.0
28-29	4.5				11.5			1.5						6.0	9.5		6.0	2.5	9.5	11.0		9.0		6.5
29-30	7.5				8.0	11.0		5.0				4.5						2.5		3.5		10.5		9.5

	TY	AD	Z	RT	RV	ST	XZ	beta	Y	U	V505	RM	AC	AM	V	X	RV	W	TX	VV	XZ	RU	AG	BU
	PEG	PEG	PER	PER	PER	PER	PER	PER	PSC	SGE	SGR	TAU	TAU	TAU	TRI	TRI	TRI	UMA	UMA	UMA	UMA	UNI	VIR	VUL
MAX	10.5	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	12.6	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	6	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				4.5			9.0	11.0					7.5		3.5			2.5			0.5	11.5			
1-2				1.0	10.0										4.5	8.0		6.5	2.5	11.0	5.0	6.0	0.0	7.0	2.5
2-3													8.5					0.5	2.5		11.0	1.5		6.0	
3-4					9.5		8.0	7.0							5.5	2.0			2.5		6.5		2.5		
4-5				10.5		6.5						11.0	9.5		6.0		6.5	2.5					4.0		
5-6				7.0	9.0						2.5				6.5	10.0		1.0	2.5		8.0		5.0	2.0	
6-7				3.0			3.0	4.5					10.5			0.0		2.5		0.5	3.0	6.0	10.5	5.5	
7-8	0.0		1.0		8.5		6.5		1.5	3.5		5.5		7.5	4.5		7.0	2.5		9.5	8.5	7.5			
8-9							10.5						11.5		8.5		1.0	2.5		2.0		8.5	9.0		
9-10		1.0			7.5			1.5						8.5		11.5		3.0		11.0		10.0		2.0	
10-11	2.0		2.5	9.0											2.5	11.0	7.5	3.0		3.5		11.0		5.0	
11-12				5.5	7.0						0.5		10.0		6.5	10.5	1.5	3.0							
12-13				2.0		5.0									10.5	9.5		3.0		4.5	6.0	1.0			
13-14	4.5		3.5		6.5		1.0						11.0	0.5	9.0	7.5	3.0				11.0	2.0		1.5	
14-15							4.5								5.0	8.5	2.0	3.0		6.0		3.0		4.5	
15-16				11.5	6.0		8.0						12.0	9.0	7.5		3.0					4.5	10.5		
16-17	6.5		5.0	8.0		12.0									7.0	8.0	3.0		7.5		5.5				
17-18				4.0	5.0										3.0	6.5	2.0	3.0		0.0	3.0	7.0	9.0	1.0	
18-19				0.5					8.5		3.0	7.0			7.0	5.5		3.0		9.0	8.5	8.0		4.5	
19-20			6.5		4.5										11.0	5.0	8.5	3.0		1.5		9.0			
20-21		3.5				4.0									1.5	4.0	2.5	3.0		10.5		10.5			
21-22				10.0	4.0		2.5					1.5			5.5	3.5		3.0		3.0		11.5		0.5	
22-23			8.0	6.5		6.0		3.0							9.5	3.0	9.0	3.0				0.0		4.0	
23-24				3.0	3.0		9.5	9.5								2.0	3.0	3.0		4.5	6.0	1.5		7.0	
24-25										1.0	0.5				3.5	1.5		3.0			11.0	2.5	10.5		
25-26		9.0			2.5	11.0									7.5	1.0	9.0	3.0		6.0		4.0		0.0	
26-27							6.5								12.0	0.0	3.0	3.0				5.0	8.5	3.5	
27-28				9.0	2.0										2.0			3.0		7.5		6.0		7.0	
28-29			10.5	5.0		2.5	0.0								6.0		9.5	3.0		0.0	3.0	7.5			
29-30				1.5	1.5		4.0	3.0				9.0			10.0		3.5	3.0		9.0	8.5	8.5			
30-31							7.5								0.0			3.0		1.5		9.5		3.0	