

	SW	XX	AT	SW	TZ	YZ	AA	BO	BR	DN	TZ	BH	RS	ST	SW	SZ	TV	TW	UU	UY	UY	RW	TT
	AND	AND	AND	AQR	AQR	AQR	AQR	AQR	AQR	AQR	AUR	AUR	BOO	BOO	BOO	BOO	BOO	BOO	BOO	BOO	CAM	CNC	CNC
MAX	9.3	10.3	10.8	10.5	11.6	12.1	11.4	11.6	10.8	10.7	11.2	11.1	9.8	10.6	11.3	12.0	10.8	10.8	11.2	10.6	11.5	10.7	11.0
MIN	10.8	11.6	11.5	12.1	12.4	12.9	13.0	12.6	11.9	11.5	12.8	12.6	11.3	11.8	12.7	13.4	11.5	12.1	12.7	12.0	11.9	12.6	12.3
RISE	2	3	3	1	3	2	2	3	2	3	2	2	2	3	2	2	3	2	1	2	3	2	3
0- 1	3.5				0.5				1.5	3.5		3.5			10.0	12.0					3.0		9.5
1- 2	0.5	10.5	3.5		3.5				0.5		4.0	1.5			10.5						4.5		12.5
2- 3	8.5	4.0	9.0				2.5	1.5		1.0	8.5	10.5			11.5						6.5		
3- 4	6.0			3.5		1.5					3.0	8.5		11.5	12.0						1.5	7.0	
4- 5	3.0	8.0	5.5	2.0	0.5	4.0		3.5			7.5	6.0			0.5						3.0	9.5	8.0
5- 6	0.5	1.0			3.5		3.5			5.0		4.0									5.0	11.5	11.5
6- 7	8.0		2.0					5.0			6.5	2.0						10.5			0.0		
7- 8	5.5	5.0	7.5						7.0	2.5		11.0						12.5		12.0	1.5		
8- 9	2.5			5.0	0.0	0.5	4.5		6.0		5.5	9.0									3.5		7.0
9-10		9.0	4.0	3.0	3.5	3.0			5.0	0.5		6.5									5.0	7.5	10.0
10-11	7.5	2.5	9.5	1.0		5.5	0.5		4.0		4.5	4.5									0.0	10.0	13.0
11-12	5.0		0.5				5.5	2.0	3.5		8.5	2.5			11.5						2.0	12.0	
12-13	2.0	6.5	6.0		0.0				2.5	4.5	3.5				12.5	0.0		0.5			3.5		5.5
13-14					3.5		1.5	4.0	1.5		7.5	9.0									5.0		8.5
14-15	7.0	10.5	2.5	4.5		2.0			0.5	2.0	2.5	7.0						10.5			0.5	6.0	11.5
15-16	4.5	4.0	8.0	2.5		4.5		6.0			6.5	5.0	0.0					12.0			2.0	8.0	
16-17	1.5			0.5	0.0		2.5					3.0						0.5			3.5	10.5	
17-18	9.5	8.0	4.5		3.5						5.5						0.0		1.0		5.5	12.5	7.5
18-19	6.5	1.5	10.0					0.5				9.5									0.5		10.5
19-20	4.0		1.0			1.5	3.5			3.5	4.5	7.5		1.0	10.0						2.0		
20-21	1.0	5.5	6.5	3.5	0.0	4.0		2.5			9.0	5.5			10.5					12.5	4.0	6.5	
21-22	9.0			1.5	3.5				6.0	1.5	3.5	3.5		12.5	11.5						5.5	8.5	6.0
22-23	6.0	9.5	3.0				4.5	4.5	5.5		8.0	1.0			12.0	11.0	0.0			11.0	0.5	11.0	9.0
23-24	3.5	3.0	8.5						4.5		2.5	10.0				12.0		11.5			2.5		12.0
24-25	0.5				0.0	0.5	0.5		3.5	5.5	7.0	8.0		0.5				0.5			4.0		
25-26	8.5	7.0	5.0	5.0	3.5	3.0	5.5		2.5			6.0									5.5		
26-27	5.5	0.0		3.0					2.0	3.0	6.0	3.5		12.0							1.0	6.5	7.5
27-28	3.0	11.0	1.5	1.0			1.5	1.0	1.0			1.5					0.0				2.5	9.0	10.5
28-29	0.0	4.0	7.0		0.0				0.0	0.5	5.0	10.5							0.0		4.0	11.0	
29-30	8.0				3.5			3.0			9.0	8.5									5.5		

all times in U.T.

	VZ	VZ	SS	RV	RZ	VW	YZ	AN	RR	RU	RV	RX	RZ	TY	UU	S	XX	XZ	DM	RW	XZ	RX	SV
	CNC	CNC	CVN	CAP	CAP	CAP	CAP	CAP	CET	CET	CET	CET	CET	CET	CET	COM	CYG	CYG	CYG	DRA	DRA	ERI	ERI
MAX	7.2	7.2	11.2	10.2	12.5	12.6	11.0	12.0	9.3	10.8	10.3	11.0	11.2	11.4	11.5	10.9	11.4	9.1	11.2	11.0	9.6	9.2	9.6
MIN	7.9	7.9	12.5	11.6	13.5	13.5	11.6	13.0	10.3	12.1	11.2	11.7	12.4	11.9	12.4	12.1	12.5	10.5	12.7	12.0	10.3	10.1	10.2
RISE	1	1	2	2	3	2	3	5	2	3	3	3	2	3	3	3	1	3	2	2	3	3	5
0- 1	6.0				1.0	3.5				4.5	7.0		5.5	6.0	1.0		4.5	2.5	7.0	1.0	1.0		
1- 2	7.5					2.0	2.0		2.5			1.5	6.0	5.5	6.5			1.0	3.0		11.0		4.0
2- 3					1.0	1.0			5.0		4.0	5.0	6.5	5.0			5.0				10.0	6.5	
3- 4		6.5	11.0	3.0					7.5	2.5			7.0	4.0	2.0	11.5	0.5		5.5	3.5	9.0	10.5	7.0
4- 5		8.0	10.0	0.5	1.0		2.0			7.0	0.5		7.5	3.5			5.5	7.5	1.5	1.0	7.5		
5- 6											6.5	2.0	8.0	2.5			1.0	5.5			6.5	5.0	
6- 7	7.5				1.0	3.0	0.0		2.0	1.0		5.5	8.5	2.0	2.5	10.0	6.0	4.0	4.0		5.5	9.0	3.5
7- 8				3.5		1.5	2.5		4.5	5.0	3.5		9.0	1.5			1.5	2.5	0.0	3.5	4.5		
8- 9		6.5		1.0	1.5	0.0			7.0		9.5		9.5				6.5	1.0	6.5	0.5	3.0		7.0
9-10		8.0					0.5							2.5		7.5	3.5		2.5		2.0	7.5	
10-11					1.5		2.5				3.5	6.5	6.0			7.0		12.5	7.0			1.0	11.5
11-12	7.0					3.5			1.5	7.5				6.5			2.5	7.5	5.0	3.0	11.5		3.5
12-13				2.0	1.5	2.0	0.5		4.0		3.0			5.5	4.0		8.0	5.5	1.0	0.5	10.0	6.0	
13-14		6.5				1.0	3.0		6.5	2.0	9.0	2.5		5.0		11.0	3.0	4.0			9.0	10.0	7.0
14-15		8.0	11.0		1.5				9.0	6.0		6.0		4.0			8.5	2.5	3.5		8.0		
15-16			10.0			1.0					6.0		1.0	3.5	5.0		4.0	1.0		2.5	7.0	4.5	
16-17	7.0			2.5	2.0		3.0		1.0	0.5			1.5	3.0		9.5			5.5	10.5	5.5	8.5	3.5
17-18				0.0		3.0			3.5	4.5	3.0	3.0	2.0	2.0	0.5		4.5		2.0		4.5		
18-19		6.0			2.0	1.5	1.0		6.0		9.0	6.5	2.5	1.5	5.5				7.5		5.0	3.5	7.0
19-20		8.0				0.0	3.0		8.5					3.0			5.0	5.5	4.5	2.5	2.5	7.0	
20-21				3.5	2.0			2.5		2.5	5.5		3.5		1.0	12.0	0.5	4.0	0.5	10.0	1.0	11.5	10.5
21-22	7.0			1.0			1.0		0.5	7.0		3.5	4.0	7.0	6.5		5.5	2.5	6.5		11.5		3.5
22-23					2.0	3.5	3.5		3.0		2.5	7.0	4.5	6.5			1.0	1.0	3.0	5.0	10.5	5.5	
23-24		6.0				2.0			5.5	1.0	8.5		5.0	5.5	2.0	10.5	6.0			2.0	9.0	9.5	7.0
24-25		7.5			2.0	1.0	1.5		8.0	5.0		0.5	5.5	5.0			1.5		5.0	10.0	8.0		
25-26			11.5	1.5			3.5	2.5			5.5	4.0	6.0	4.5			6.5	7.0	1.5		7.0	4.0	10.5
26-27	7.0		10.0		2.5							7.5	6.5	3.5	2.5	9.0	2.0	5.5		4.5	6.0	8.0	3.5
27-28	8.5		9.0				1.5		2.5	3.5	2.5		7.0	3.0		13.0	7.0	4.0	3.5	1.5	4.5		
28-29		6.0			2.5	3.0	4.0		5.0	7.5	8.0	0.5	7.5	2.0			2.5	2.5		9.5	3.5		7.0
29-30		7.5		2.0		1.5			7.5			4.0	8.0	1.5	3.5		7.5	1.0	6.0		2.5	6.5	

	BB	RX	SS	RR	GQ	TW	VX	VZ	AR	DL	DY	DY	DY	LS	SZ	UU	DG	DH	GO	RR	SS	ST	TV
	ERI	FOR	FOR	GEM	GEM	HER	HER	HER	HER	HER	HER	HER	HER	HER	HYA	HYA	HYA	HYA	HYA	LEO	LEO	LEO	LEO
MAX	10.9	11.1	9.4	10.7	13.6	10.5	9.9	10.7	10.6	11.0	10.2	10.2	10.2	10.8	10.6	10.7	11.6	11.4	11.6	10.0	10.5	10.8	11.5
MIN	11.9	12.5	10.6	11.9	14.6	11.8	10.4	12.0	11.6	12.4	10.6	10.6	10.6	11.1	11.7	12.3	12.6	12.6	12.2	11.7	12.0	12.3	12.6
RISE	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	3	2	3	2	2	2	2
0- 1			2.0	7.0	8.0	1.0		3.0			1.0				8.0			8.0				11.5	11.0
1- 2		3.0	2.0		11.5			0.0							10.0			7.5	8.5			10.5	
2- 3	5.5	8.0	1.5	6.5		1.0	0.0							0.5	12.0		7.0			8.5		9.0	11.5
3- 4	8.5				4.5								0.5						6.5				
4- 5		3.0		6.0	8.0	1.0		2.0	2.5							7.5					11.5		12.0
5- 6		7.5			11.5				1.5					0.5		8.5	7.5						
6- 7	5.0			6.0		1.0			11.0							9.5			11.0	10.5			12.5
7- 8	8.5				4.5		0.5					0.5			8.0	11.0				8.0			
8- 9		7.0		5.5	8.0	1.0		1.0		1.0				0.5	9.5	12.0	8.0		8.5				13.0
9-10					11.0										11.5						12.0		
10-11	5.0			5.0		1.0													6.5				
11-12	8.0	7.0			4.0					0.0			1.0	0.5			8.5			10.0		11.0	
12-13				5.0	7.5	1.0	0.5	0.5	2.5											7.5		10.0	
13-14				9.5	11.0				1.0										11.0				9.0
14-15	4.5	6.5		4.5		1.0			11.0			0.5		0.5	7.5		9.0				12.0		
15-16	8.0			9.0	4.0			2.5							9.0	7.5			8.5				
16-17	11.5			4.0	7.5	1.0									11.0	8.5		11.5		9.5	9.0		
17-18		6.0		9.0	11.0		0.5							0.5	13.0	9.5	9.5	10.5	6.5	7.0			
18-19	4.5			4.0		0.5						0.5				11.0	10.0						
19-20	7.5			8.5				1.5								12.0		9.5			12.5		
20-21	11.0	6.0		3.5	7.5	0.5			2.0					0.5			9.5	9.0	11.0				
21-22				8.0	10.5				1.0	1.5									8.5		8.5	9.5	
22-23	4.0					0.5	1.0						1.0		9.0			8.0	9.0				11.0
23-24	7.5	5.5		8.0				0.5						0.5	10.5		10.0	7.5					10.0
24-25	11.0				7.0	0.5			0.5						12.5				6.5		12.5	9.0	
25-26				7.5	10.5						0.0									10.5			
26-27	4.0	5.5				0.5		2.5						0.5		7.5	10.5			8.0	9.5		
27-28	7.0		8.0	7.0			1.0									8.5		11.0					
28-29	10.5		8.0		7.0	0.5			2.0							9.5							
29-30		5.0	7.5	7.0	10.5				0.5		0.5			0.5	8.5	11.0	11.0		9.0		13.0		9.5

	WW	AA	VY	U	SZ	SZ	SZ	RR	RZ	ST	AV	BH	KZ	RU	RV	TU
	LEO	LEO	LMI	LEP	LYN	LYN	LYN	LYR	LYR	OPH	PEG	PEG	PUP	SCL	UMA	UMA
MAX	11.0	11.3	13.6	9.8	9.1	9.1	9.1	7.1	10.0	11.3	9.9	10.0	11.3	9.3	10.1	9.2
MIN	12.0	12.4	14.6	11.1	9.6	9.6	9.6	8.1	12.0	12.7	10.9	10.8	12.8	10.8	11.2	10.2
RISE	3	2	2	2	1	1	1	2	2	3	2	3	3	2	3	3
0- 1	8.0		12.0	4.5		3.0	6.0	2.0			5.5	4.5				12.0
1- 2	13.0			8.5		5.5	8.0	5.0			0.0		7.5			
2- 3		9.0			4.5	7.5					4.5	3.0				
3- 4	8.5				6.5		3.5			1.5			8.0			
4- 5				6.5	8.5		5.5	1.5			3.0	1.0		6.0	1.0	9.5
5- 6		9.0	5.5	10.5		4.5	7.5	4.5					8.5	6.0	11.0	12.0
6- 7	8.5		7.0		4.0	7.0					2.0			5.5	9.5	
7- 8			8.0	4.0	6.0						6.0	6.0	9.0	5.0	8.0	
8- 9		9.0	9.5	8.0	8.0		5.0	0.5		0.5	1.0			5.0		
9-10	9.0		10.5			4.0	7.0	3.5			5.0	4.0	9.5	4.5		10.0
10-11			12.0		3.5	6.0								4.0		12.5
11-12		8.5		6.0	5.5	8.5					4.0	2.0	10.0	4.0		
12-13	9.5			10.0	7.5		4.5							3.5	0.0	
13-14						3.5	6.5	3.0			2.5	0.5	10.5	3.0	10.0	7.5
14-15						5.5	8.5		0.0		6.5	7.0		3.0	8.5	10.5
15-16	10.0		5.5	7.5	5.0	7.5			0.5		1.5		11.0	2.5		
16-17			7.0	11.5	7.0		4.0		1.5		5.5	5.5		2.5		
17-18			8.0				6.0	2.0	2.0	0.5	0.5		11.5	2.0		
18-19	10.0		9.5	5.5		5.0	8.0	5.5	2.5		4.5	3.5		1.5		8.0
19-20			10.5	9.5	4.5	7.0			3.0				12.0	1.5	0.5	11.0
20-21			12.0		6.5		3.5		3.5		3.5	1.5		1.0	10.5	
21-22	10.5	13.0			8.5		5.5	1.5	4.0				12.0	0.5	9.0	
22-23				7.0		4.5	7.5	4.5			2.0			0.5		
23-24				11.0	3.5	6.5					6.0	6.5	12.5	0.0		8.5
24-25	11.0	13.0			6.0	8.5					1.0					11.5
25-26			5.5	5.0	8.0		5.0	0.5			5.0	4.5				
26-27			7.0	8.5		4.0	7.0	4.0		0.5					1.0	
27-28	11.0	12.5	8.0		3.0	6.0					4.0	3.0		11.0		
28-29			9.5		5.0	8.0									9.5	9.0
29-30			10.5	6.5	7.5		4.5				2.5	1.0			7.5	11.5