

JANEIRO								FEVEREIRO							
		Hora	Altura (m)			Hora	Altura (m)			Hora	Altura (m)			Hora	Altura (m)
1	Dom	1:40	0.95	17	Ter	2:06	0.89	1	Qua	3:53	0.81	17	Sex	4:30	0.47
		7:09	2.77			7:56	2.68			8:47	2.70			9:39	2.93
		14:25	0.97			14:36	0.98			15:39	1.09			16:32	0.69
		19:44	2.83			20:18	2.92			20:56	2.90			21:45	3.23
2	Seg	3:14	0.87	18	Qua	3:46	0.72	2	Qui	4:47	0.66	18	Sab	5:25	0.25
		8:14	2.78			9:00	2.80			9:43	2.78			10:34	3.09
		15:29	0.94			15:56	0.84			16:33	0.99			17:29	0.50
		20:41	2.91			21:16	3.09			21:45	2.99			22:37	3.35
3	Ter	4:19	0.69	19	Qui	4:52	0.48	3	Sex	5:33	0.54	19	Dom	6:14	0.09
		9:15	2.84			9:59	2.95			10:33	2.87			11:24	3.22
		16:24	0.86			16:57	0.65			17:17	0.89			18:20	0.35
		21:33	3.01			22:09	3.25			22:30	3.08			23:25	3.44
4	Qua	5:11	0.53	20	Sex	5:45	0.25	4	Sab	6:13	0.47	20	Seg	7:00	0.01
		10:10	2.92			10:53	3.09			11:17	2.94			12:10	3.30
		17:11	0.79			17:49	0.48			17:56	0.79			19:07	0.26
		22:19	3.10			22:57	3.38			23:11	3.14				
5	Qui	5:57	0.41	21	Sab	6:34	0.09	5	Dom	6:50	0.45	21	Ter	0:11	3.47
		10:58	2.98			11:41	3.20			11:57	2.98			7:44	0.02
		17:52	0.73			18:38	0.36			18:33	0.71			12:52	3.32
		23:01	3.17			23:42	3.47			23:48	3.18			19:53	0.25
6	Sex	6:39	0.36	22	Dom	7:20	0.01	6	Seg	7:24	0.47	22	Qua	0:56	3.43
		11:42	3.01			12:27	3.26			12:33	2.99			8:26	0.12
		18:29	0.70			19:24	0.29			19:08	0.65			13:33	3.30
		23:40	3.21											20:36	0.30
7	Sab	7:17	0.37	23	Seg	0:25	3.50	7	Ter	0:21	3.18	23	Qui	1:40	3.34
		12:22	3.01			8:04	0.03			7:55	0.51			9:07	0.28
		19:01	0.68			13:10	3.27			13:04	2.99			14:11	3.23
						20:09	0.30			19:45	0.62			21:19	0.41
8	Dom	0:14	3.22	24	Ter	1:08	3.46	8	Qua	0:50	3.17	24	Sex	2:26	3.20
		7:51	0.43			8:48	0.12			8:25	0.57			9:45	0.48
		12:59	2.98			13:51	3.23			13:19	2.99			14:50	3.13
		19:32	0.67			20:52	0.36			20:23	0.61			22:00	0.55
9	Seg	0:45	3.20	25	Qua	1:52	3.37	9	Qui	1:17	3.13	25	Sab	3:15	3.03
		8:21	0.51			9:30	0.28			8:55	0.63			10:19	0.68
		13:32	2.93			14:32	3.16			13:31	3.02			15:33	3.02
		20:04	0.67			21:35	0.47			21:04	0.63			22:39	0.70
10	Ter	1:09	3.17	26	Qui	2:40	3.23	10	Sex	1:52	3.06	26	Dom	4:10	2.85
		8:48	0.60			10:11	0.46			9:29	0.70			10:46	0.85
		13:55	2.88			15:16	3.05			14:03	3.04			16:24	2.90
		20:40	0.69			22:17	0.61			21:48	0.68			23:18	0.84
11	Qua	1:34	3.12	27	Sex	3:34	3.06	11	Sab	2:35	2.95	27	Seg	5:09	2.69
		9:16	0.68			10:50	0.66			10:07	0.77			11:13	0.99
		14:06	2.86			16:07	2.95			14:45	3.02			17:22	2.81
		21:20	0.72			23:00	0.75			22:35	0.74				
12	Qui	2:08	3.04	28	Sab	4:34	2.89	12	Dom	3:31	2.81	28	Ter	0:02	0.96
		9:48	0.76			11:27	0.84			10:51	0.85			6:11	2.59
		14:34	2.84			17:05	2.85			15:35	2.97			11:53	1.09
		22:04	0.77			23:46	0.87			23:27	0.80			18:22	2.76
13	Sex	2:53	2.92	29	Dom	5:37	2.75	13	Seg	4:50	2.67	13	Seg		
		10:27	0.84			12:02	0.99			11:41	0.93				
		15:16	2.81			18:05	2.79			16:39	2.89				
		22:52	0.83												
14	Sab	3:52	2.77	30	Seg	0:52	0.97	14	Ter	0:26	0.85	14	Ter		
		11:12	0.91			6:41	2.67			6:17	2.62				
		16:09	2.76			12:45	1.09			12:41	0.98				
		23:45	0.89			19:05	2.78			18:24	2.87				
15	Dom	5:22	2.65	31	Ter	2:44	0.95	15	Qua	1:49	0.84	15	Qua		
		12:05	0.98			7:45	2.66			7:31	2.66				
		17:25	2.73			14:23	1.13			13:59	0.97				
						20:02	2.83			19:45	2.95				
16	Seg	0:45	0.92					16	Qui	3:24	0.70	16	Qui		
		6:46	2.62							8:38	2.78				
		13:08	1.01							15:25	0.87				
		19:12	2.79							20:48	3.08				



Estação: Trapiche da IFPA –

Data Inicial: 01/01/2023

Data Final: 31/12/2023

OCA PREVÊ | Tábua de Marés 2023

Latitude: 1°42'25.67''S

Longitude: 48°52'37.81"W

Altura: metros | Nível Médio: 1.80 m

MARÇO							ABRIL								
		Hora	Altura (m)			Hora	Altura (m)			Hora	Altura (m)				
1	Qua	1:54	1.03	17	Sex	3:00	0.69	1	Sab	3:34	1.02	17	Seg	4:36	0.40
		7:14	2.55			8:15	2.77			8:37	2.57			9:48	3.07
		12:43	1.15			14:55	0.89			14:04	1.14			16:51	0.55
		19:21	2.76			20:34	2.78			21:57	3.20				
2	Qui	3:20	0.96	18	Sab	4:06	0.50	2	Dom	4:25	0.90	18	Ter	5:27	0.26
		8:15	2.58			9:17	2.92			9:29	2.69			10:39	3.21
		13:41	1.17			16:09	0.72			15:26	1.06			17:45	0.35
		20:17	2.80			21:22	3.18			21:26	2.87			22:50	3.29
3	Sex	4:17	0.83	19	Dom	5:02	0.29	3	Seg	5:08	0.78	19	Qua	6:14	0.19
		9:12	2.66			10:13	3.08			10:16	2.82			11:26	3.31
		21:09	2.88			17:09	0.52			16:48	0.90			18:35	0.22
						22:17	3.29			22:15	2.96			23:39	3.33
4	Sab	5:03	0.71	20	Seg	5:51	0.14	4	Ter	5:47	0.67	20	Qui	6:57	0.19
		10:03	2.77			11:03	3.23			10:58	2.94			12:08	3.37
		16:33	1.01			18:02	0.35			17:42	0.73			19:21	0.18
		21:58	2.97			23:08	3.38			22:59	3.05				
5	Dom	5:43	0.62	21	Ter	6:37	0.07	5	Qua	6:25	0.59	21	Sex	0:25	3.31
		10:48	2.87			11:49	3.32			11:36	3.05			7:38	0.26
		17:23	0.86			18:51	0.24			18:29	0.58			12:47	3.36
		22:42	3.06			23:56	3.41			23:40	3.10			20:04	0.21
6	Seg	6:20	0.56	22	Qua	7:21	0.08	6	Qui	7:02	0.53	22	Sab	1:09	3.24
		11:29	2.95			12:31	3.36			12:07	3.14			8:16	0.39
		18:06	0.73			19:37	0.20			19:13	0.48			13:23	3.32
		23:23	3.12											20:45	0.31
7	Ter	6:55	0.52	23	Qui	0:41	3.38	7	Sex	0:18	3.13	23	Dom	1:52	3.12
		12:05	3.02			8:03	0.17			7:38	0.51			8:49	0.55
		18:47	0.62			13:11	3.35			12:23	3.22			13:56	3.24
						20:21	0.25			19:57	0.43			21:23	0.46
8	Qua	0:00	3.15	24	Sex	1:25	3.30	8	Sab	0:52	3.12	24	Seg	2:35	2.97
		7:28	0.52			8:42	0.32			8:16	0.52			9:15	0.70
		12:35	3.06			13:48	3.29			12:43	3.30			14:26	3.13
		19:28	0.55			21:03	0.35			20:40	0.42			21:56	0.62
9	Qui	0:33	3.15	25	Sab	2:10	3.16	9	Dom	1:27	3.08	25	Ter	3:19	2.81
		8:01	0.54			9:17	0.51			8:54	0.57			9:38	0.82
		12:47	3.11			14:23	3.19			13:18	3.34			14:58	3.02
		20:09	0.52			21:42	0.50			21:24	0.46			22:22	0.78
10	Sex	1:04	3.12	26	Dom	2:56	3.00	10	Seg	2:08	3.01	26	Qua	4:08	2.66
		8:35	0.58			9:47	0.69			9:34	0.63			10:10	0.92
		13:04	3.17			14:59	3.08			14:00	3.32			15:39	2.89
		20:51	0.53			22:18	0.66			22:09	0.54			22:51	0.90
11	Sab	1:38	3.07	27	Seg	3:45	2.82	11	Ter	2:57	2.90	27	Qui	5:02	2.53
		9:11	0.63			10:09	0.84			10:16	0.72			10:51	1.00
		13:38	3.21			15:40	2.96			14:49	3.24			16:42	2.77
		21:35	0.57			22:50	0.81			22:59	0.63			23:30	0.99
12	Dom	2:21	2.97	28	Ter	4:40	2.66	12	Qua	4:01	2.78	28	Sex	6:00	2.46
		9:50	0.71			10:39	0.96			11:03	0.80			11:39	1.07
		14:20	3.20			16:34	2.84			15:49	3.11			17:53	2.68
		22:21	0.64			23:24	0.93			23:55	0.71				
13	Seg	3:13	2.85	29	Qua	5:38	2.54	13	Qui	5:23	2.70	29	Sab	0:17	1.07
		10:32	0.79			11:20	1.05			11:57	0.88			7:00	2.45
		15:09	3.13			17:36	2.75			17:18	2.98			12:32	1.11
		23:12	0.71											18:58	2.66
14	Ter	4:23	2.72	30	Qui	0:07	1.03	14	Sex	1:09	0.76	30	Dom	1:13	1.10
		11:21	0.87			6:39	2.48			6:39	2.69			7:58	2.52
		16:10	3.02			12:08	1.12			13:02	0.93			13:31	1.11
						18:38	2.71			18:47	2.96			19:58	2.69
15	Qua	0:10	0.78	31	Sex	1:01	1.09	15	Sab	2:31	0.71				
		5:49	2.65			7:40	2.49			7:48	2.77				
		12:18	0.93			13:02	1.15			14:27	0.90				
		17:44	2.94			19:38	2.72			19:56	3.01				
16	Qui	1:30	0.80					16	Dom	3:39	0.57				
		7:06	2.67							8:52	2.91				
		13:29	0.96							15:47	0.75				
		19:14	2.96							20:59	3.10				

Simbologia das fases lunares: Lua Nova

Quarto Minguante

Lua Cheia

Quarto Crescente

Horários no padrão local (Fuso Horário UTC -3:00)

Dados de nível sem Georreferenciamento

MAIO							JUNHO										
		Hora	Altura (m)			Hora	Altura (m)			Hora	Altura (m)						
1	Seg	3:28	1.06	17	Qua	5:01	0.44	1	Qui	4:32	0.87	17	Sab	6:05	0.52		
		8:52	2.64			10:13	3.17			9:53	2.96			11:13	3.27		
		14:41	1.05			17:28	0.38			17:03	0.68			18:44	0.21		
		20:55	2.77			22:31	3.18			22:15	2.92			23:48	3.14		
2	Ter	4:25	0.92	18	Qui	5:48	0.36	2	Sex	5:23	0.71	18	Dom	6:45	0.53		
		9:42	2.79			10:59	3.27			10:37	3.12			11:53	3.31		
		16:16	0.91			18:18	0.24			17:57	0.47			19:26	0.23		
		21:48	2.88			23:21	3.23			23:04	3.03						
3	Qua	5:11	0.78	19	Sex	6:32	0.34	3	Sab	6:10	0.57	19	Seg	0:31	3.12		
		10:26	2.94			11:42	3.34			11:16	3.26			7:20	0.57		
		17:21	0.71			19:04	0.17			18:45	0.31			12:29	3.29		
		22:37	2.98							23:49	3.11			20:04	0.31		
4	Qui	5:54	0.65	20	Sab	0:08	3.23	4	Dom	6:54	0.47	20	Ter	1:11	3.05		
		11:06	3.09			7:12	0.39			11:50	3.37			7:51	0.63		
		18:13	0.53			12:21	3.35			19:31	0.22			13:02	3.25		
		23:22	3.06			19:46	0.20							20:38	0.44		
5	Sex	6:35	0.55	21	Dom	0:51	3.18	5	Seg	0:31	3.15	21	Qua	1:48	2.96		
		11:41	3.21			7:48	0.48			7:37	0.42			8:18	0.69		
		19:00	0.40			12:56	3.32			12:20	3.44			13:31	3.18		
						20:26	0.29			20:16	0.20			21:07	0.58		
6	Sab	0:03	3.11	22	Seg	1:32	3.09	6	Ter	1:10	3.15	22	Qui	2:23	2.86		
		7:16	0.49			8:20	0.59			8:20	0.43			8:47	0.74		
		12:05	3.31			13:29	3.26			12:54	3.46			13:56	3.09		
		19:44	0.32			21:02	0.44			21:00	0.24			21:29	0.71		
7	Dom	0:42	3.13	23	Ter	2:12	2.96	7	Qua	1:49	3.11	23	Sex	2:53	2.76		
		7:56	0.47			8:46	0.70			9:02	0.48			9:23	0.79		
		12:28	3.39			13:57	3.17			13:36	3.42			14:25	2.99		
		20:29	0.31			21:32	0.60			21:44	0.34			21:55	0.81		
8	Seg	1:18	3.10	24	Qua	2:52	2.82	8	Qui	2:31	3.04	24	Sab	3:15	2.68		
		8:37	0.50			9:11	0.79			9:45	0.56			10:04	0.85		
		13:02	3.42			14:23	3.06			14:25	3.31			15:04	2.86		
		21:13	0.35			21:55	0.74			22:30	0.46			22:30	0.89		
9	Ter	1:57	3.05	25	Qui	3:33	2.69	9	Sex	3:23	2.95	25	Dom	3:45	2.62		
		9:18	0.56			9:45	0.86			10:30	0.66			10:50	0.91		
		13:45	3.39			14:55	2.95			15:26	3.16			16:02	2.72		
		21:58	0.43			22:22	0.85			23:19	0.60			23:13	0.97		
10	Qua	2:43	2.96	26	Sex	4:19	2.57	10	Sab	4:30	2.85	26	Seg	4:41	2.57		
		10:01	0.64			10:26	0.93			11:19	0.77			11:41	0.96		
		14:34	3.30			15:41	2.81			16:43	3.01			17:33	2.61		
		22:46	0.54			22:58	0.95										
11	Qui	3:41	2.86	27	Sab	5:13	2.50	11	Dom	0:14	0.73	27	Ter	0:03	1.03		
		10:47	0.74			11:13	1.00			5:40	2.80			6:18	2.58		
		15:34	3.15			16:59	2.69			12:15	0.86			12:37	0.99		
		23:39	0.65			23:43	1.02			17:57	2.90			18:49	2.58		
12	Sex	4:56	2.77	28	Dom	6:14	2.47	12	Seg	1:21	0.82	28	Qua	1:01	1.06		
		11:37	0.83			12:05	1.04			6:47	2.81			7:26	2.67		
		17:00	3.01			18:17	2.62			13:32	0.90			13:44	0.98		
										19:06	2.86			19:55	2.63		
13	Sab	0:43	0.74	29	Seg	0:35	1.07	13	Ter	2:33	0.82	29	Qui	2:17	1.04		
		6:11	2.74			7:14	2.52			7:50	2.87			8:25	2.80		
		12:38	0.90			13:02	1.06			15:04	0.81			15:24	0.88		
		18:21	2.94			19:24	2.62			20:12	2.89			20:57	2.73		
14	Dom	1:59	0.76	30	Ter	1:37	1.08	14	Qua	3:37	0.75	30	Sex	3:51	0.93		
		7:19	2.79			8:11	2.63			8:49	2.98			9:19	2.97		
		14:00	0.90			14:10	1.02			16:14	0.62			16:44	0.65		
		19:31	2.94			20:25	2.69			21:14	2.97			21:54	2.87		
15	Seg	3:09	0.68	31	Qua	3:25	1.02	15	Qui	4:32	0.65						
		8:23	2.89			9:04	2.78			9:42	3.10						
		15:26	0.78			15:48	0.90			17:10	0.43						
		20:36	3.00			21:22	2.80			22:11	3.05						
16	Ter	4:08	0.56					16	Sex	5:21	0.57						
		9:21	3.03											10:30	3.20		
		16:33	0.58											17:59	0.28		
		21:36	3.09											23:02	3.11		

JULHO							AGOSTO								
		Hora	Altura (m)			Hora	Altura (m)			Hora	Altura (m)			Hora	Altura (m)
1	Sab	4:53	0.75	17	Seg	6:16	0.67	1	Ter	6:13	0.44	17	Qui	0:20	3.01
		10:08	3.15			11:24	3.23			11:18	3.41			6:57	0.66
		17:40	0.42			19:03	0.30			18:57	0.08			12:12	3.17
		22:46	3.01							19:44	0.50				
2	Dom	5:45	0.58	18	Ter	0:08	3.05	2	Qua	0:04	3.22	18	Sex	0:54	3.01
		10:53	3.30			6:52	0.65			7:01	0.33			7:32	0.63
		18:29	0.24			12:02	3.24			12:02	3.47			12:45	3.14
		23:34	3.11			19:40	0.36			19:42	0.05			20:13	0.57
3	Seg	6:33	0.45	19	Qua	0:47	3.03	3	Qui	0:47	3.27	19	Sab	1:19	3.00
		11:35	3.41			7:23	0.65			7:47	0.29			8:08	0.62
		19:15	0.13			12:37	3.22			12:45	3.47			13:14	3.10
						20:12	0.46			20:25	0.10			20:40	0.63
4	Ter	0:19	3.18	20	Qui	1:22	2.98	4	Sex	1:27	3.26	20	Dom	1:24	3.00
		7:19	0.38			7:54	0.66			8:31	0.31			8:46	0.63
		12:13	3.47			13:07	3.17			13:29	3.41			13:43	3.03
		20:00	0.10			20:40	0.57			21:08	0.21			21:09	0.70
5	Qua	1:00	3.20	21	Sex	1:52	2.92	5	Sab	2:07	3.22	21	Seg	1:47	3.03
		8:03	0.36			8:26	0.68			9:15	0.39			9:27	0.67
		12:52	3.48			13:33	3.10			14:15	3.29			14:19	2.93
		20:44	0.15			21:04	0.67			21:49	0.38			21:44	0.77
6	Qui	1:40	3.18	22	Sab	2:06	2.87	6	Dom	2:47	3.14	22	Ter	2:23	3.04
		8:47	0.39			9:03	0.72			9:59	0.51			10:12	0.73
		13:33	3.42			14:01	3.02			15:08	3.14			15:07	2.81
		21:28	0.26			21:31	0.75			22:30	0.56			22:25	0.84
7	Sex	2:20	3.13	23	Dom	2:21	2.85	7	Seg	3:35	3.04	23	Qua	3:08	3.00
		9:30	0.48			9:44	0.76			10:44	0.64			11:01	0.79
		14:22	3.31			14:39	2.90			16:06	2.96			16:12	2.67
		22:11	0.41			22:05	0.83			23:10	0.75			23:12	0.91
8	Sab	3:06	3.04	24	Seg	2:55	2.83	8	Ter	4:32	2.94	24	Qui	4:03	2.93
		10:14	0.59			10:30	0.82			11:32	0.78			11:55	0.85
		15:19	3.15			15:30	2.76			17:09	2.81			17:40	2.58
		22:56	0.57			22:47	0.91			23:49	0.91				
9	Dom	4:03	2.95	25	Ter	3:41	2.79	9	Qua	5:34	2.86	25	Sex	0:07	0.97
		11:01	0.71			11:19	0.88			12:33	0.88			5:18	2.86
		16:25	2.99			16:48	2.63			18:14	2.71			13:00	0.88
		23:43	0.74			23:36	0.97							18:58	2.59
10	Seg	5:08	2.87	26	Qua	4:41	2.74	10	Qui	0:33	1.03	26	Sab	1:11	1.00
		11:53	0.82			12:15	0.92			6:36	2.83			7:06	2.89
		17:33	2.86			18:14	2.57			14:10	0.91			14:40	0.82
										19:20	2.68			20:07	2.68
11	Ter	0:38	0.87	27	Qui	0:31	1.02	11	Sex	1:47	1.10	27	Dom	2:37	0.96
		6:12	2.83			6:26	2.74			7:36	2.85			8:16	2.99
		13:04	0.89			13:21	0.93			15:27	0.80			16:00	0.62
		18:41	2.78			19:27	2.59			20:24	2.71			21:11	2.83
12	Qua	1:47	0.95	28	Sex	1:40	1.03	12	Sab	3:13	1.08	28	Seg	3:57	0.81
		7:15	2.85			7:45	2.84			8:32	2.91			9:16	3.13
		14:40	0.85			15:03	0.85			16:25	0.65			16:58	0.39
		19:47	2.78			20:32	2.69			21:23	2.79			22:08	3.00
13	Qui	2:58	0.94	29	Sab	3:12	0.95	13	Dom	4:14	1.00	29	Ter	5:00	0.61
		8:14	2.91			8:47	2.99			9:24	2.99			10:11	3.27
		15:53	0.70			16:23	0.63			17:14	0.52			17:49	0.20
		20:51	2.84			21:33	2.84			22:15	2.87			22:59	3.15
14	Sex	3:59	0.88	30	Dom	4:24	0.79	14	Seg	5:03	0.89	30	Qua	5:55	0.42
		9:09	3.01			9:41	3.15			10:12	3.07			11:01	3.38
		16:49	0.51			17:20	0.39			17:57	0.44			18:36	0.08
		21:49	2.92			22:28	3.00			23:01	2.95			23:46	3.26
15	Sab	4:51	0.79	31	Seg	5:22	0.60	15	Ter	5:45	0.80	31	Qui	6:44	0.29
		9:58	3.11			10:32	3.30			10:56	3.13			11:48	3.44
		17:38	0.37			18:10	0.20			18:37	0.42			19:21	0.04
		22:40	2.99			23:18	3.13			23:42	3.00				
16	Dom	5:36	0.71					16	Qua	6:23	0.72				
		10:43	3.18							11:36	3.17				
		18:23	0.30							19:12	0.44				
		23:26	3.04												

SETEMBRO						OUTUBRO					
		Hora	Altura (m)				Hora	Altura (m)			
1	Sex	0:30	3.33	17	Dom	1	Dom	0:50	3.39	17	Ter
		7:31	0.23					8:02	0.17		
		12:34	3.44					13:06	3.34		
		20:04	0.09					20:22	0.24		
2	Sab	1:10	3.34	18	Seg	2	Seg	1:28	3.36	18	Qua
		8:17	0.24					8:46	0.24		
		13:19	3.38					13:50	3.23		
		20:46	0.21					21:01	0.40		
3	Dom	1:49	3.30	19	Ter	3	Ter	2:04	3.29	19	Qui
		9:01	0.31					9:28	0.37		
		14:04	3.27					14:36	3.09		
		21:26	0.38					21:35	0.59		
4	Seg	2:27	3.22	20	Qua	4	Qua	2:40	3.18	20	Sex
		9:44	0.44					10:09	0.54		
		14:53	3.11					15:25	2.92		
		22:03	0.57					22:04	0.76		
5	Ter	3:07	3.12	21	Qui	5	Qui	3:21	3.06	21	Sab
		10:27	0.58					10:47	0.70		
		15:46	2.94					16:18	2.75		
		22:36	0.76					22:30	0.90		
6	Qua	3:56	3.00	22	Sex	6	Sex	4:12	2.93	22	Dom
		11:10	0.74					11:22	0.86		
		16:44	2.77					17:15	2.61		
		23:05	0.91					23:05	1.01		
7	Qui	4:54	2.89	23	Sab	7	Sab	5:13	2.81	23	Seg
		11:58	0.87					11:58	0.98		
		17:46	2.65					18:16	2.53		
		23:40	1.03					23:50	1.09		
8	Sex	5:55	2.82	24	Dom	8	Dom	6:15	2.74	24	Ter
		13:25	0.96					12:50	1.06		
		18:49	2.59					19:17	2.52		
9	Sab	0:25	1.12	25	Seg	9	Seg	0:41	1.14	25	Qua
		6:56	2.79					7:15	2.72		
		14:53	0.93					15:13	1.02		
		19:52	2.60					20:16	2.57		
10	Dom	1:20	1.16	26	Ter	10	Ter	1:40	1.15	26	Qui
		7:54	2.81					8:13	2.75		
		15:55	0.83					16:08	0.93		
		20:52	2.66					21:10	2.67		
11	Seg	2:44	1.15	27	Qua	11	Qua	2:54	1.10	27	Sex
		8:49	2.87					9:07	2.82		
		16:45	0.71					16:53	0.83		
		21:45	2.76					21:58	2.79		
12	Ter	4:21	1.04	28	Qui	12	Qui	4:33	0.96	28	Sab
		9:40	2.95					9:58	2.91		
		17:28	0.62					17:32	0.73		
		22:32	2.86					22:42	2.91		
13	Qua	5:12	0.90	29	Sex	13	Sex	5:27	0.80	29	Dom
		10:27	3.02					10:44	2.99		
		18:07	0.57					18:09	0.65		
		23:14	2.95					23:21	3.01		
14	Qui	5:54	0.77	30	Sab	14	Sab	6:13	0.64	30	Seg
		11:09	3.08					11:27	3.05		
		18:42	0.54					18:44	0.60		
		23:51	3.01					23:55	3.10		
15	Sex	6:34	0.66	31	Dom	15	Dom	6:56	0.53	31	Ter
		11:49	3.11					12:06	3.08		
		19:14	0.55					19:19	0.57		
16	Sab	0:25	3.05			16	Seg	0:18	3.18		
		7:13	0.58					7:38	0.46		
		12:25	3.11					12:41	3.08		
		19:46	0.57					19:55	0.56		

NOVEMBRO						DEZEMBRO					
		Hora	Altura (m)					Hora	Altura (m)		
1	Qua	1:40	3.32	17	Sex	1:21	3.41	1	Sex	1:48	3.24
		9:10	0.33			9:34	0.42			9:26	0.48
		14:18	3.07			14:14	2.99			14:38	2.92
		21:07	0.61			21:37	0.61			21:04	0.73
2	Qui	2:14	3.22	18	Sab	2:06	3.35	2	Sab	2:20	3.12
		9:49	0.50			10:19	0.51			9:54	0.66
		15:02	2.91			15:02	2.90			15:19	2.78
		21:33	0.75			22:22	0.69			21:33	0.82
3	Sex	2:49	3.10	19	Dom	3:00	3.22	3	Dom	2:55	2.99
		10:21	0.68			11:08	0.62			10:14	0.81
		15:50	2.75			16:06	2.80			16:04	2.65
		22:00	0.87			23:10	0.78			22:10	0.90
4	Sab	3:31	2.96	20	Seg	4:10	3.05	4	Seg	3:40	2.85
		10:47	0.84			12:04	0.72			10:43	0.92
		16:42	2.61			17:30	2.74			16:54	2.55
		22:36	0.96							22:54	0.97
5	Dom	4:27	2.82	21	Ter	0:06	0.86	5	Ter	4:45	2.70
		11:16	0.96			5:42	2.94			11:22	1.01
		17:38	2.51			13:15	0.78			17:51	2.50
		23:20	1.04			18:44	2.76			23:43	1.03
6	Seg	5:32	2.71	22	Qua	1:16	0.90	6	Qua	5:56	2.61
		11:57	1.05			6:58	2.91			12:09	1.08
		18:37	2.48			14:31	0.76			18:50	2.51
						19:50	2.85				
7	Ter	0:10	1.10	23	Qui	2:47	0.83	7	Qui	0:37	1.07
		6:36	2.65			8:06	2.95			7:01	2.58
		12:48	1.11			15:37	0.65			13:04	1.11
		19:35	2.51			20:51	2.98			19:47	2.59
8	Qua	1:06	1.12	24	Sex	4:03	0.64	8	Sex	1:38	1.06
		7:37	2.66			9:09	3.04			8:03	2.62
		13:56	1.12			16:34	0.51			14:15	1.10
		20:31	2.60			21:46	3.13			20:41	2.72
9	Qui	2:10	1.09	25	Sab	5:04	0.42	9	Sab	3:02	0.99
		8:35	2.71			10:07	3.14			9:01	2.71
		16:04	1.01			17:24	0.40			16:01	0.99
		21:21	2.73			22:35	3.26			21:31	2.87
10	Sex	3:44	0.99	26	Dom	5:56	0.23	10	Dom	4:39	0.80
		9:29	2.80			11:00	3.22			9:55	2.82
		16:51	0.88			18:10	0.34			16:57	0.83
		22:07	2.88			23:20	3.35			22:16	3.04
11	Sab	5:02	0.80	27	Seg	6:44	0.13	11	Seg	5:36	0.58
		10:19	2.90			11:49	3.25			10:45	2.94
		17:34	0.75			18:53	0.34			17:45	0.68
		22:49	3.02							22:57	3.19
12	Dom	5:54	0.62	28	Ter	0:02	3.39	12	Ter	6:24	0.41
		11:05	2.99			7:29	0.11			11:30	3.03
		18:14	0.64			12:34	3.23			18:30	0.56
		23:25	3.15			19:32	0.40			23:32	3.31
13	Seg	6:41	0.47	29	Qua	0:40	3.38	13	Qua	7:10	0.29
		11:48	3.05			8:11	0.18			12:12	3.09
		18:54	0.56			13:16	3.16			19:14	0.48
		23:53	3.26			20:08	0.50				
14	Ter	7:24	0.37	30	Qui	1:15	3.33	14	Qui	0:02	3.40
		12:26	3.08			8:50	0.31			7:54	0.24
		19:34	0.52			13:58	3.05			12:50	3.12
						20:39	0.62			19:57	0.45
15	Qua	0:12	3.34	31	Sex			15	Sex	0:33	3.45
		8:08	0.34							8:37	0.25
		13:01	3.08							13:25	3.11
		20:14	0.52							20:39	0.47
16	Qui	0:42	3.40					16	Sab	1:12	3.44
		8:51	0.36							9:21	0.32
		13:35	3.05							14:01	3.07
		20:55	0.55							21:22	0.52