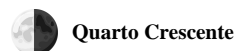
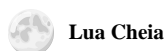
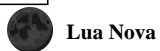


Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	3:50	0.9	
		11:10	3.23	
		16:40	0.84	
		22:50	3.61	
2	Qui	5:40	0.56	
		11:50	3.26	
		17:30	0.79	
		23:40	3.61	
3	Sex	6:20	0.52	
		12:40	3.27	
		18:20	0.74	
		0:30	3.59	
4	Sab	7:10	0.48	
		13:20	3.3	
		19:10	0.7	
		1:20	3.55	
		7:50	0.5	
		14:10	3.31	
		20:00	0.69	
6	Seg	2:10	3.48	
		8:40	0.56	
		14:50	3.32	
		21:00	0.72	
7	Ter	3:10	3.36	
		9:30	0.67	
		15:50	3.32	
		22:10	0.8	
8	Qua	4:10	3.23	
		10:20	0.79	
		16:40	3.33	
		23:20	0.87	
9	Qui	5:20	3.1	
		11:20	0.9	
		17:40	3.34	
10	Sex	6:40	0.89	
		12:20	3.05	
		18:50	0.98	
		0:30	3.39	
11	Sab	1:40	0.86	
		8:00	3.09	
		13:20	1.01	
		19:50	3.47	
12	Dom	2:50	0.74	
		9:00	3.21	
		14:30	0.99	
		20:50	3.56	
13	Seg	3:40	0.65	
		10:00	3.34	
		15:20	0.94	
		21:40	3.65	
14	Ter	4:30	0.55	
		10:40	3.46	
		16:20	0.84	
		22:30	3.71	
15	Qua	5:20	0.47	
		11:30	3.52	
		17:00	0.78	
		23:20	3.72	
16	Qui	6:00	0.48	
		12:00	3.54	
		17:40	0.73	
17	Sex	6:30	0.53	
		12:40	3.49	
		18:20	0.71	
18	Sab	7:00	0.59	
		13:10	3.41	
		19:00	0.72	
19	Dom	7:30	0.65	
		13:50	3.31	
		19:40	0.77	
20	Seg	8:00	0.73	
		14:20	3.21	
		20:20	0.86	
21	Ter	8:40	0.85	
		14:50	3.13	
		21:10	0.97	
22	Qua	9:10	1.0	
		15:30	3.07	
		22:00	1.08	
23	Qui	9:50	1.16	
		16:20	3.03	
		23:10	1.18	
24	Sex	10:40	1.28	
		17:20	3.03	
25	Sab	11:50	1.29	
		18:30	3.11	
26	Dom	13:00	1.22	
		19:30	3.26	
27	Seg	14:10	1.09	
		20:30	3.45	
28	Ter	15:00	0.95	
		21:30	3.65	
29	Qua	16:00	0.75	
		22:10	3.84	
30	Qui	17:30	0.46	
		23:40	4.06	
31	Sex	18:40	0.35	
		19:50	3.72	
		21:00	0.46	
		22:10	3.44	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	6:10	0.27	
		12:20	3.78	
		18:10	0.4	
2	Dom	0:30	4.05	
		6:50	0.27	
		13:00	3.77	
		19:00	0.39	
3	Seg	1:10	3.95	
		7:30	0.35	
		13:40	3.71	
		19:40	0.48	
4	Ter	2:00	3.76	
		8:10	0.52	
		14:20	3.61	
		20:40	0.63	
5	Qua	2:50	3.49	
		8:50	0.75	
		15:10	3.46	
		21:40	0.87	
6	Qui	3:50	3.18	
		9:40	1.01	
		16:00	3.3	
		23:00	1.12	
7	Sex	5:10	2.92	
		10:40	1.25	
		17:20	3.18	
8	Sab	6:40	2.86	
		12:00	1.38	
		18:40	3.19	
9	Dom	1:50	1.06	
		8:10	3.0	
		13:30	1.33	
		19:50	3.34	
10	Seg	2:50	0.84	
		9:10	3.27	
		14:40	1.13	
		21:00	3.56	
11	Ter	3:40	0.64	
		9:50	3.54	
		15:30	0.91	
		21:50	3.78	
12	Qua	4:30	0.51	
		10:30	3.75	
		16:20	0.69	
		22:30	3.94	
13	Qui	5:00	0.43	
		11:00	3.88	
		16:50	0.58	
		23:10	4.03	
14	Sex	5:30	0.43	
		11:30	3.92	
		17:30	0.5	
		23:40	4.04	
15	Sab	6:00	0.45	
		12:00	3.87	
		18:00	0.49	
16	Dom	6:20	0.5	
		12:30	3.77	
		18:30	0.54	
17	Seg	6:50	0.57	
		13:00	3.63	
		19:00	0.65	
18	Ter	7:10	0.72	
		13:20	3.49	
		19:30	0.8	
19	Qua	7:40	0.9	
		13:50	3.35	
		20:10	0.98	
20	Qui	8:10	1.12	
		14:30	3.21	
		21:00	1.17	
21	Sex	8:40	1.37	
		15:10	3.07	
		22:10	1.36	
22	Sab	9:40	1.59	
		16:20	2.95	
		23:40	1.47	
23	Dom	6:10	2.62	
		11:10	1.64	
		17:50	3.0	
24	Seg	1:10	1.39	
		7:30	2.84	
		12:50	1.45	
		19:20	3.26	
25	Ter	2:10	1.14	
		8:30	3.18	
		14:10	1.15	
		20:30	3.59	
26	Qua	3:10	0.83	
		9:10	3.53	
		15:00	0.84	
		21:20	3.93	
27	Qui	3:50	0.57	
		9:50	3.83	
		15:50	0.54	
		22:10	4.21	
28	Sex	4:30	0.35	
		10:30	4.06	
		16:30	0.33	
		22:50	4.4	

Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



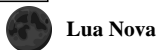
Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	5:10	0.21	
		11:10	4.19	
		17:10	0.21	
		23:30	4.47	
2	Dom	5:50	0.16	
		11:50	4.22	
		18:00	0.15	
3	Seg	0:10	4.4	
		6:20	0.25	
		12:30	4.15	
		18:40	0.24	
4	Ter	1:00	4.18	
		7:00	0.41	
		13:00	4.01	
		19:30	0.42	
5	Qua	1:40	3.87	
		7:40	0.66	
		13:50	3.77	
		20:20	0.69	
6	Qui	2:30	3.49	
		8:20	0.97	
		14:30	3.5	
		21:20	1.02	
7	Sex	3:40	3.1	
		9:10	1.3	
		15:40	3.22	
		22:40	1.34	
8	Sab	5:10	2.85	
		10:30	1.56	
		17:00	3.06	
9	Dom	0:20	1.38	
		6:50	2.91	
		12:20	1.62	
		18:40	3.14	
10	Seg	1:40	1.11	
		8:00	3.18	
		13:40	1.35	
		20:00	3.41	
11	Ter	2:40	0.83	
		8:50	3.51	
		14:40	1.0	
		20:50	3.71	
12	Qua	3:30	0.65	
		9:20	3.81	
		15:20	0.73	
		21:40	3.96	
13	Qui	3:50	0.58	
		10:00	4.03	
		16:00	0.52	
		22:10	4.15	
14	Sex	4:20	0.52	
		10:30	4.16	
		16:30	0.41	
		22:40	4.24	
15	Sab	4:50	0.49	
		10:50	4.19	
		17:00	0.38	
		23:10	4.24	
16	Dom	5:20	0.48	
		11:20	4.12	
		17:30	0.41	
		23:40	4.14	
17	Seg	5:40	0.54	
		11:50	3.99	
		18:00	0.5	
18	Ter	0:10	3.96	
		6:10	0.64	
		12:10	3.83	
		18:20	0.66	
19	Qua	0:30	3.73	
		6:30	0.83	
		12:30	3.68	
		18:50	0.84	
20	Qui	1:00	3.48	
		6:50	1.06	
		13:00	3.53	
		19:30	1.02	
21	Sex	1:40	3.2	
		7:20	1.29	
		13:30	3.36	
		20:20	1.23	
22	Sab	2:30	2.92	
		8:00	1.53	
		14:20	3.13	
		21:30	1.44	
23	Dom	4:00	2.7	
		9:10	1.74	
		15:40	2.94	
		23:00	1.55	
24	Seg	5:40	2.75	
		11:10	1.7	
		17:30	3.04	
25	Ter	0:30	1.42	
		7:00	3.05	
		12:40	1.43	
		19:00	3.38	
26	Qua	1:40	1.12	
		7:50	3.43	
		13:50	1.04	
		20:10	3.78	
27	Qui	2:30	0.81	
		8:40	3.81	
		14:40	0.66	
		21:00	4.15	
28	Sex	3:10	0.56	
		9:20	4.14	
		15:30	0.35	
		21:50	4.42	
29	Sab	4:00	0.34	
		10:00	4.36	
		16:10	0.17	
		22:30	4.58	
30	Dom	4:30	0.29	
		10:40	4.46	
		16:50	0.1	
		23:10	4.58	
31	Seg	5:10	0.29	
		11:10	4.45	
		17:40	0.11	
		23:50	4.43	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	5:50	0.41	
		11:50	4.31	
		18:20	0.27	
2	Qua	0:40	4.13	
		6:30	0.61	
		12:30	4.07	
		19:10	0.5	
3	Qui	1:30	3.76	
		7:10	0.89	
		13:20	3.75	
		20:00	0.81	
4	Sex	2:30	3.37	
		8:00	1.2	
		14:10	3.42	
		21:10	1.15	
5	Sab	3:40	3.05	
		9:00	1.49	
		15:20	3.13	
		22:30	1.41	
6	Dom	5:10	2.93	
		10:40	1.7	
		16:50	3.04	
7	Seg	0:00	1.36	
		6:30	3.08	
		12:20	1.56	
		18:30	3.18	
8	Ter	1:10	1.12	
		7:30	3.35	
		13:20	1.23	
		19:40	3.45	
9	Qua	2:00	0.92	
		8:10	3.65	
		14:10	0.89	
		20:30	3.73	
10	Qui	2:40	0.78	
		8:40	3.91	
		14:50	0.64	
		21:10	3.95	
11	Sex	3:10	0.7	
		9:10	4.11	
		15:30	0.47	
		21:40	4.11	
12	Sab	3:40	0.63	
		9:40	4.21	
		16:00	0.39	
		22:10	4.18	
13	Dom	4:10	0.58	
		10:10	4.22	
		16:30	0.39	
		22:40	4.14	
14	Seg	4:30	0.6	
		10:40	4.14	
		17:00	0.45	
		23:10	4.01	
15	Ter	5:00	0.67	
		11:00	4.01	
		17:30	0.57	
		23:40	3.82	
16	Qua	5:20	0.84	
		11:30	3.85	
		18:00	0.73	
17	Qui	0:10	3.59	
		5:50	1.02	
		11:50	3.71	
		18:30	0.89	
18	Sex	0:40	3.36	
		6:20	1.22	
		12:20	3.55	
		19:10	1.05	
19	Sab	1:30	3.11	
		6:50	1.42	
		13:00	3.34	
		20:00	1.21	
20	Dom	2:30	2.91	
		7:50	1.58	
		14:00	3.11	
		21:10	1.35	
21	Seg	3:50	2.83	
		9:10	1.66	
		15:20	3.0	
		22:30	1.4	
22	Ter	5:10	2.97	
		11:00	1.54	
		17:10	3.17	
		23:50	1.27	
23	Qua	6:10	3.26	
		12:20	1.23	
		18:30	3.49	
24	Qui	0:50	1.03	
		7:10	3.61	
		13:20	0.86	
		19:30	3.84	
25	Sex	1:40	0.79	
		7:50	3.95	
		14:10	0.54	
		20:30	4.13	
26	Sab	2:30	0.59	
		8:40	4.23	
		15:00	0.31	
		21:20	4.33	
27	Dom	3:10	0.49	
		9:20	4.4	
		15:40	0.21	
		22:00	4.41	
28	Seg	4:00	0.44	
		10:00	4.45	
		16:30	0.19	
		22:50	4.33	
29	Ter	4:40	0.51	
		10:40	4.37	
		17:20	0.25	
		23:40	4.13	
30	Qua	5:20	0.66	
		11:30	4.16	
		18:10	0.4	

Simbologia das fases lunares:

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

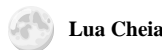
Dados de nível sem Georreferenciamento



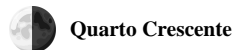
Lua Nova



Quarto Minguante







Lua Cheia



Quarto Crescente

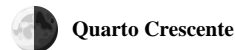
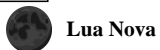
Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	0:30	3.85	
		6:00	0.87	
		12:10	3.9	
		19:00	0.62	
2	Sex	1:20	3.54	
		6:50	1.08	
		13:00	3.59	
		19:50	0.88	
3	Sab	2:20	3.26	
		7:50	1.3	
		13:50	3.29	
		21:00	1.13	
4	Dom	3:40	3.06	
		9:10	1.5	
		15:10	3.1	
		22:10	1.29	
5	Seg	4:50	3.05	
		10:30	1.58	
		16:30	3.06	
		23:20	1.28	
6	Ter	5:50	3.17	
		11:50	1.4	
		17:50	3.17	
7	Qua	0:10	1.18	
		6:30	3.38	
		12:40	1.13	
		18:50	3.35	
8	Qui	1:00	1.04	
		7:10	3.6	
		13:30	0.87	
		19:40	3.54	
9	Sex	1:40	0.92	
		7:50	3.8	
		14:10	0.68	
		20:20	3.7	
10	Sab	2:10	0.83	
		8:20	3.95	
		14:50	0.55	
		21:00	3.8	
11	Dom	2:50	0.74	
		8:50	4.02	
		15:20	0.51	
		21:30	3.84	
12	Seg	3:20	0.72	
		9:30	4.02	
		16:00	0.53	
		22:10	3.78	
13	Ter	3:50	0.76	
		10:00	3.95	
		16:30	0.61	
		22:40	3.67	
14	Qua	4:20	0.86	
		10:20	3.84	
		17:00	0.72	
		23:20	3.5	
15	Qui	4:50	1.01	
		10:50	3.72	
		17:40	0.82	
		23:50	3.34	
16	Sex	5:20	1.18	
		11:20	3.59	
		18:10	0.94	
17	Sab	0:30	3.17	
		6:00	1.31	
		12:00	3.43	
		19:00	1.01	
18	Dom	1:30	3.02	
		6:50	1.39	
		12:50	3.26	
		19:50	1.07	
19	Seg	2:20	2.98	
		7:50	1.42	
		13:50	3.14	
		20:50	1.1	
20	Ter	3:30	3.02	
		9:10	1.37	
		15:10	3.15	
		22:00	1.1	
21	Qua	4:30	3.17	
		10:30	1.23	
		16:40	3.29	
		23:00	1.02	
22	Qui	5:20	3.4	
		11:40	1.0	
		17:50	3.49	
23	Sex	0:00	0.89	
		6:20	3.66	
		12:40	0.75	
		18:50	3.69	
24	Sab	0:50	0.77	
		7:10	3.9	
		13:40	0.55	
		19:50	3.85	
25	Dom	1:40	0.69	
		8:00	4.08	
		14:30	0.44	
		20:50	3.93	
26	Seg	2:30	0.67	
		8:40	4.18	
		15:20	0.4	
		21:40	3.94	
27	Ter	3:20	0.7	
		9:30	4.17	
		16:10	0.43	
		22:30	3.87	
28	Qua	4:10	0.78	
		10:20	4.06	
		17:10	0.46	
		23:30	3.72	
29	Qui	5:00	0.89	
		11:10	3.88	
		18:00	0.56	
30	Sex	0:20	3.55	
		6:50	1.01	
		12:00	3.66	
		18:50	0.69	
31	Sab	1:20	3.36	
		6:40	1.12	
		12:50	3.44	
		19:40	0.84	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	2:10	3.23	
		7:40	1.21	
		13:40	3.26	
		20:40	0.98	
2	Seg	3:10	3.14	
		8:50	1.3	
		14:50	3.14	
		21:30	1.09	
3	Ter	4:00	3.13	
		9:50	1.31	
		15:50	3.09	
		22:20	1.15	
4	Qua	4:50	3.18	
		11:00	1.24	
		17:00	3.09	
		23:10	1.13	
5	Qui	5:30	3.29	
		11:50	1.09	
		17:50	3.15	
		23:50	1.07	
6	Sex	6:10	3.41	
		12:40	0.94	
		18:50	3.21	
7	Sab	0:30	0.99	
		6:50	3.54	
		13:30	0.82	
		19:30	3.29	
8	Dom	1:10	0.92	
		7:30	3.64	
		14:10	0.75	
		20:20	3.34	
9	Seg	1:50	0.88	
		8:10	3.7	
		14:50	0.73	
		21:00	3.36	
10	Ter	2:30	0.89	
		8:40	3.7	
		15:30	0.75	
		21:40	3.34	
11	Qua	3:10	0.94	
		9:20	3.67	
		16:10	0.79	
		22:20	3.3	
12	Qui	3:50	1.03	
		10:00	3.6	
		16:50	0.83	
		23:00	3.23	
13	Sex	4:30	1.11	
		10:40	3.52	
		17:30	0.85	
		23:50	3.15	
14	Sab	5:10	1.18	
		11:20	3.44	
		18:10	0.86	
15	Dom	0:30	3.11	
		6:00	1.19	
		12:00	3.38	
		18:50	0.85	
16	Seg	1:20	3.1	
		6:50	1.16	
		12:50	3.33	
		19:40	0.83	
17	Ter	2:10	3.13	
		7:50	1.09	
		13:50	3.31	
		20:30	0.81	
18	Qua	3:00	3.21	
		8:50	1.01	
		15:00	3.32	
		21:20	0.81	
19	Qui	3:50	3.33	
		10:00	0.93	
		16:00	3.34	
		22:20	0.82	
20	Sex	4:40	3.46	
		11:00	0.85	
		17:10	3.36	
		23:10	0.83	
21	Sab	5:30	3.58	
		12:10	0.77	
		18:20	3.38	
		0:00	0.85	
22	Dom	6:30	3.69	
		13:10	0.72	
		19:20	3.41	
23	Seg	1:00	0.86	
		7:20	3.77	
		14:10	0.7	
		20:30	3.43	
24	Ter	2:00	0.9	
		8:20	3.81	
		15:10	0.68	
		21:30	3.46	
25	Qua	3:00	0.95	
		9:10	3.8	
		16:10	0.64	
		22:30	3.47	
26	Qui	3:50	1.0	
		10:10	3.75	
		17:00	0.63	
		23:20	3.46	
27	Sex	4:50	1.0	
		11:00	3.67	
		17:50	0.62	
28	Sab	0:10	3.43	
		5:40	0.99	
		11:50	3.57	
		18:40	0.65	
29	Dom	1:00	3.36	
		6:30	0.99	
		12:40	3.46	
		19:20	0.73	
30	Seg	1:40	3.3	
		7:20	0.99	
		13:20	3.35	
		20:00	0.82	

Simbologia das fases lunares:

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

Dados de nível sem Georreferenciamento



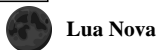
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	2:20	3.24	
		8:10	1.02	
		14:10	3.24	
		20:40	0.9	
2	Qua	3:00	3.19	
		9:00	1.04	
		15:00	3.14	
		21:20	0.97	
3	Qui	3:40	3.16	
		9:50	1.06	
		15:50	3.04	
		22:00	1.03	
4	Sex	4:20	3.17	
		10:50	1.08	
		16:50	2.95	
		22:30	1.08	
5	Sab	5:00	3.19	
		11:50	1.07	
		17:40	2.89	
		23:20	1.1	
6	Dom	5:50	3.24	
		12:40	1.04	
		18:40	2.88	
7	Seg	0:10	1.11	
		6:40	3.3	
		13:40	1.02	
		19:40	2.91	
8	Ter	1:00	1.1	
		7:30	3.36	
		14:30	0.99	
		20:40	2.96	
9	Qua	1:50	1.1	
		8:20	3.41	
		15:10	0.95	
		21:20	3.05	
10	Qui	2:40	1.1	
		9:00	3.45	
		16:00	0.9	
		22:10	3.12	
11	Sex	3:30	1.09	
		9:50	3.48	
		16:40	0.83	
		22:50	3.19	
12	Sab	4:20	1.05	
		10:30	3.52	
		17:20	0.76	
		23:30	3.24	
13	Dom	5:10	0.98	
		11:20	3.54	
		18:00	0.68	
		0:10	3.29	
		5:50	0.92	
		12:00	3.57	
		18:40	0.62	
		0:50	3.33	
		6:40	0.83	
		12:50	3.57	
		19:20	0.59	
16	Qua	1:40	3.37	
		7:30	0.77	
		13:40	3.53	
		20:00	0.61	
17	Qui	2:20	3.41	
		8:30	0.74	
		14:30	3.44	
		20:50	0.67	
18	Sex	3:10	3.42	
		9:20	0.79	
		15:30	3.3	
		21:30	0.79	
19	Sab	4:00	3.41	
		10:30	0.87	
		16:40	3.13	
		22:30	0.93	
20	Dom	4:50	3.4	
		11:40	0.96	
		17:50	3.02	
		23:20	1.06	
21	Seg	6:00	3.38	
		13:00	1.0	
		19:10	2.99	
22	Ter	0:30	1.14	
		7:00	3.41	
		14:10	0.95	
		20:30	3.07	
23	Qua	1:50	1.15	
		8:10	3.48	
		15:10	0.85	
		21:30	3.23	
24	Qui	2:50	1.12	
		9:10	3.57	
		16:10	0.69	
		22:20	3.38	
25	Sex	3:50	1.02	
		10:10	3.64	
		17:00	0.58	
		23:10	3.48	
26	Sab	4:40	0.91	
		11:00	3.68	
		17:40	0.56	
		23:50	3.52	
27	Dom	5:30	0.81	
		11:40	3.68	
		18:10	0.61	
28	Seg	0:20	3.51	
		6:10	0.77	
		12:20	3.62	
		18:50	0.64	
29	Ter	1:00	3.44	
		6:50	0.77	
		12:50	3.52	
		19:20	0.7	
30	Qua	1:30	3.35	
		7:20	0.81	
		13:30	3.38	
		19:40	0.79	
31	Qui	2:00	3.25	
		8:00	0.88	
		14:00	3.2	
		20:10	0.89	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	2:30	3.15	
		8:50	0.97	
		14:40	3.0	
		20:40	1.03	
2	Sab	3:10	3.07	
		9:40	1.09	
		15:30	2.8	
		21:20	1.18	
3	Dom	3:50	3.01	
		10:40	1.2	
		16:40	2.63	
		22:00	1.34	
4	Seg	4:50	2.97	
		11:50	1.27	
		18:00	2.57	
		23:10	1.39	
5	Ter	5:50	3.0	
		13:10	1.28	
		19:20	2.64	
6	Qua	0:20	1.35	
		7:00	3.11	
		14:10	1.18	
		20:20	2.82	
7	Qui	1:30	1.24	
		8:00	3.27	
		15:00	1.02	
		21:10	3.03	
8	Sex	2:40	1.09	
		9:00	3.45	
		15:40	0.87	
		21:50	3.24	
9	Sab	3:30	0.93	
		9:50	3.62	
		16:20	0.71	
		22:30	3.41	
10	Dom	4:10	0.8	
		10:30	3.77	
		17:00	0.57	
		23:10	3.53	
11	Seg	5:00	0.65	
		11:10	3.87	
		17:40	0.47	
		23:40	3.61	
12	Ter	5:40	0.57	
		11:50	3.89	
		18:20	0.42	
13	Qua	6:20	3.64	
		6:20	0.54	
		12:40	3.82	
		18:50	0.47	
14	Qui	1:00	3.63	
		7:10	0.55	
		13:20	3.67	
		19:30	0.56	
15	Sex	1:40	3.57	
		8:00	0.65	
		14:10	3.44	
		20:10	0.73	
16	Sab	2:30	3.44	
		9:00	0.82	
		15:00	3.15	
		20:50	0.95	
17	Dom	3:20	3.29	
		10:10	1.04	
		16:20	2.86	
		21:50	1.18	
18	Seg	4:20	3.14	
		11:30	1.22	
		17:50	2.73	
		23:10	1.35	
19	Ter	5:40	3.08	
		13:00	1.2	
		19:20	2.81	
20	Qua	0:40	1.37	
		7:10	3.18	
		14:20	0.96	
		20:30	3.05	
21	Qui	2:00	1.23	
		8:20	3.37	
		15:10	0.77	
		21:20	3.31	
22	Sex	3:00	1.01	
		9:20	3.58	
		16:00	0.6	
		22:00	3.53	
23	Sab	3:50	0.81	
		10:00	3.75	
		16:30	0.57	
		22:40	3.67	
24	Dom	4:30	0.67	
		10:40	3.85	
		17:10	0.53	
		23:10	3.72	
25	Seg	5:00	0.61	
		11:20	3.86	
		17:40	0.55	
		23:40	3.7	
26	Ter	5:40	0.58	
		11:50	3.79	
		18:00	0.6	
27	Qua	6:10	3.6	
		6:10	0.62	
		12:10	3.67	
		18:20	0.66	
28	Qui	0:30	3.48	
		6:40	0.7	
		12:40	3.47	
		18:50	0.76	
29	Sex	1:00	3.34	
		7:10	0.83	
		13:10	3.24	
		19:10	0.92	
30	Sab	1:20	3.22	
		7:50	0.98	
		13:50	2.98	
		19:30	1.12	
31	Dom	2:00	3.08	
		8:30	1.16	
		14:30	2.72	
		20:10	1.32	

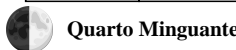
Simbologia das fases lunares:

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

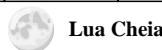
Dados de nível sem Georreferenciamento



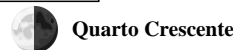
Lua Nova



Quarto Minguante



Lua Cheia

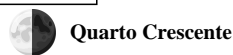
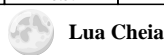
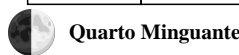
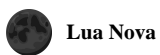


Quarto Crescente

Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	2:40	2,94	
		9:40	1,33	
		15:40	2,48	
		21:00	1,53	
2	Ter	3:40	2,8	
		11:10	1,45	
		17:30	2,42	
		22:20	1,64	
3	Qua	5:10	2,8	
		12:40	1,4	
		19:00	2,6	
4	Qui	0:10	1,45	
		6:40	3,03	
		13:40	1,2	
		20:00	2,9	
5	Sex	1:30	1,19	
		7:50	3,33	
		14:30	0,95	
		20:40	3,22	
6	Sab	2:20	0,92	
		8:40	3,64	
		15:10	0,73	
		21:20	3,51	
7	Dom	3:10	0,67	
		9:30	3,9	
		15:50	0,54	
		22:00	3,74	
8	Seg	3:50	0,48	
		10:10	4,09	
		16:30	0,4	
		22:30	3,89	
9	Ter	4:40	0,34	
		10:50	4,17	
		17:10	0,32	
		23:10	3,95	
10	Qua	5:20	0,31	
		11:30	4,12	
		17:40	0,37	
		23:50	3,92	
11	Qui	6:00	0,36	
		12:20	3,93	
		18:20	0,46	
12	Sex	0:20	3,83	
		6:50	0,48	
		13:00	3,66	
		19:00	0,65	
13	Sab	1:10	3,61	
		7:40	0,68	
		13:50	3,3	
		19:40	0,9	
14	Dom	1:50	3,38	
		8:40	0,94	
		14:50	2,93	
		20:30	1,18	
15	Seg	2:50	3,1	
		10:00	1,23	
		16:20	2,66	
		21:40	1,43	
16	Ter	4:10	2,9	
		11:40	1,34	
		18:10	2,66	
		23:20	1,54	
17	Qua	5:50	2,94	
		13:00	1,14	
		19:30	2,89	
18	Qui	1:00	1,35	
		7:20	3,16	
		14:00	0,88	
		20:20	3,2	
19	Sex	2:00	1,04	
		8:20	3,44	
		14:50	0,68	
		20:50	3,49	
20	Sab	2:50	0,76	
		9:00	3,69	
		15:20	0,61	
		21:30	3,71	
21	Dom	3:30	0,57	
		9:40	3,86	
		16:00	0,53	
		22:00	3,85	
22	Seg	4:00	0,47	
		10:10	3,95	
		16:20	0,54	
		22:20	3,89	
23	Ter	4:30	0,44	
		10:40	3,95	
		16:50	0,53	
		22:50	3,84	
24	Qua	5:00	0,46	
		11:10	3,85	
		17:10	0,56	
		23:20	3,73	
25	Qui	5:30	0,55	
		11:40	3,67	
		17:50	0,66	
		23:40	3,6	
26	Sex	6:00	0,67	
		12:00	3,45	
		17:50	0,81	
27	Sab	0:00	3,46	
		6:30	0,83	
		12:30	3,2	
		18:20	0,98	
28	Dom	0:30	3,31	
		7:00	1,01	
		13:10	2,92	
		18:40	1,19	
29	Seg	1:00	3,14	
		7:50	1,18	
		13:50	2,65	
		19:20	1,4	
30	Ter	1:40	2,92	
		9:00	1,36	
		15:10	2,43	
		20:20	1,61	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	3:00	2,71	
		10:30	1,45	
		17:10	2,45	
		22:20	1,62	
2	Qui	4:50	2,76	
		12:00	1,35	
		18:30	2,72	
3	Sex	0:00	1,37	
		6:20	3,08	
		13:00	1,08	
		19:20	3,08	
4	Sab	1:10	1,01	
		7:30	3,45	
		13:50	0,8	
		20:00	3,44	
5	Dom	2:00	0,67	
		8:20	3,8	
		14:40	0,54	
		20:40	3,77	
6	Seg	2:50	0,39	
		9:00	4,08	
		15:20	0,37	
		21:20	4,01	
7	Ter	3:30	0,23	
		9:50	4,22	
		15:50	0,3	
		22:00	4,14	
8	Qua	4:10	0,18	
		10:30	4,23	
		16:30	0,3	
		22:30	4,17	
9	Qui	5:00	0,19	
		11:10	4,09	
		17:10	0,38	
		23:10	4,07	
10	Sex	5:40	0,32	
		12:00	3,82	
		17:50	0,56	
		23:50	3,86	
11	Sab	6:30	0,51	
		12:50	3,46	
		18:30	0,8	
12	Dom	0:40	3,56	
		7:30	0,74	
		13:40	3,1	
		19:10	1,08	
13	Seg	1:30	3,22	
		8:30	1,02	
		15:00	2,76	
		20:20	1,32	
14	Ter	2:40	2,92	
		10:00	1,26	
		16:40	2,63	
		21:50	1,51	
15	Qua	4:10	2,81	
		11:30	1,23	
		18:00	2,76	
		23:40	1,46	
16	Qui	5:50	2,93	
		12:40	1,0	
		19:00	3,03	
17	Sex	0:50	1,14	
		7:00	3,18	
		13:30	0,81	
		19:40	3,31	
18	Sab	1:40	0,83	
		7:50	3,44	
		14:10	0,68	
		20:10	3,57	
19	Dom	2:20	0,6	
		8:30	3,65	
		14:40	0,61	
		20:40	3,76	
20	Seg	3:00	0,44	
		9:10	3,79	
		15:10	0,55	
		21:10	3,88	
21	Ter	3:30	0,38	
		9:40	3,85	
		15:40	0,5	
		21:40	3,92	
22	Qua	4:00	0,38	
		10:10	3,81	
		16:00	0,5	
		22:10	3,86	
23	Qui	4:30	0,44	
		10:40	3,69	
		16:30	0,56	
		22:30	3,76	
24	Sex	5:00	0,55	
		11:00	3,52	
		16:50	0,7	
		23:00	3,61	
25	Sab	5:30	0,7	
		11:30	3,3	
		17:10	0,88	
		23:20	3,49	
26	Dom	6:00	0,85	
		12:10	3,04	
		17:40	1,06	
		23:50	3,52	
27	Seg	6:40	0,99	
		12:50	2,81	
		18:10	1,25	
28	Ter	0:30	3,11	
		7:30	1,13	
		13:40	2,6	
		19:00	1,42	
29	Qua	1:20	2,88	
		8:30	1,24	
		15:10	2,48	
		20:20	1,52	
30	Qui	2:40	2,73	
		10:00	1,27	
		16:30	2,59	
		22:10	1,43	
31	Sex	4:20	2,85	
		11:10	1,15	
		17:40	2,87	
		23:30	1,17	

Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	5:50	3.15	
		12:20	0.9	
		18:30	3.22	
2	Dom	0:40	0.82	
		6:50	3.49	
		13:10	0.65	
		19:20	3.57	
3	Seg	1:30	0.51	
		7:50	3.78	
		13:50	0.46	
		20:00	3.88	
4	Ter	2:20	0.29	
		8:40	3.97	
		14:30	0.35	
		20:40	4.09	
5	Qua	3:10	0.17	
		9:20	4.07	
		15:20	0.3	
		21:20	4.19	
6	Qui	3:50	0.17	
		10:10	4.01	
		16:00	0.37	
		22:10	4.14	
7	Sex	4:40	0.24	
		11:00	3.82	
		16:40	0.51	
		22:50	3.99	
8	Sab	5:30	0.38	
		11:50	3.56	
		17:20	0.71	
		23:40	3.72	
9	Dom	6:30	0.54	
		12:40	3.27	
		18:10	0.91	
10	Seg	0:30	3.42	
		7:20	0.75	
		13:50	2.97	
		19:10	1.1	
11	Ter	1:20	3.13	
		8:30	0.95	
		15:00	2.79	
		20:20	1.27	
12	Qua	2:30	2.92	
		9:50	1.09	
		16:20	2.75	
		21:50	1.37	
13	Qui	4:00	2.86	
		10:50	1.1	
		17:20	2.87	
		23:10	1.27	
14	Sex	5:20	2.94	
		11:50	0.99	
		18:10	3.06	
15	Sab	0:10	1.03	
		6:20	3.1	
		12:40	0.86	
		18:50	3.28	
16	Dom	1:00	0.79	
		7:10	3.27	
		13:10	0.78	
		19:30	3.48	
17	Seg	1:50	0.6	
		8:00	3.4	
		13:50	0.67	
		20:00	3.65	
18	Ter	2:30	0.49	
		8:30	3.5	
		14:20	0.59	
		20:30	3.75	
19	Qua	3:00	0.45	
		9:10	3.53	
		14:50	0.55	
		21:00	3.77	
20	Qui	3:40	0.47	
		9:40	3.5	
		15:20	0.58	
		21:40	3.72	
21	Sex	4:10	0.54	
		10:10	3.4	
		15:50	0.67	
		22:00	3.63	
22	Sab	4:40	0.64	
		10:50	3.25	
		16:20	0.81	
		22:30	3.51	
23	Dom	5:20	0.74	
		11:20	3.09	
		16:50	0.98	
		23:00	3.39	
24	Seg	5:50	0.85	
		12:00	2.92	
		17:30	1.11	
		23:40	3.24	
25	Ter	6:30	0.92	
		12:50	2.77	
		18:10	1.22	
26	Qua	0:20	3.1	
		7:20	0.97	
		13:50	2.68	
		19:10	1.27	
27	Qui	1:20	2.96	
		8:20	0.98	
		14:50	2.7	
		20:20	1.24	
28	Sex	2:30	2.93	
		9:20	0.97	
		15:50	2.83	
		21:40	1.14	
29	Sab	3:50	3.02	
		10:30	0.89	
		16:50	3.05	
		23:00	0.95	
30	Dom	5:10	3.2	
		11:20	0.77	
		17:40	3.31	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	0:00	0.73	
		6:10	3.39	
		12:20	0.63	
		18:30	3.57	
2	Ter	1:00	0.52	
		7:10	3.55	
		13:10	0.52	
		19:20	3.8	
3	Qua	2:00	0.39	
		8:10	3.66	
		14:00	0.48	
		20:10	3.95	
4	Qui	2:50	0.34	
		9:00	3.7	
		14:50	0.49	
		21:00	4.0	
5	Sex	3:50	0.33	
		10:00	3.65	
		15:40	0.56	
		21:50	3.95	
6	Sab	4:40	0.37	
		10:50	3.55	
		16:30	0.66	
		22:40	3.82	
7	Dom	5:30	0.43	
		11:50	3.4	
		17:20	0.77	
		23:30	3.63	
8	Seg	6:30	0.5	
		12:50	3.23	
		18:10	0.87	
9	Ter	0:30	3.43	
		7:20	0.61	
		13:40	3.1	
		19:10	0.95	
10	Qua	1:20	3.25	
		8:20	0.74	
		14:40	3.0	
		20:10	1.03	
11	Qui	2:20	3.11	
		9:10	0.87	
		15:30	2.96	
		21:20	1.1	
12	Sex	3:20	3.01	
		10:00	0.96	
		16:20	2.98	
		22:20	1.09	
13	Sab	4:30	2.96	
		10:50	0.98	
		17:10	3.05	
		23:20	1.02	
14	Dom	5:30	2.96	
		11:30	0.96	
		17:50	3.16	
		0:20	0.91	
		6:20	3.0	
		12:10	0.9	
		18:30	3.29	
16	Ter	1:10	0.8	
		7:10	3.06	
		12:50	0.83	
		19:20	3.41	
17	Qua	2:00	0.73	
		8:00	3.11	
		13:30	0.78	
		20:00	3.49	
18	Qui	2:40	0.7	
		8:40	3.16	
		14:10	0.76	
		20:40	3.53	
19	Sex	3:20	0.69	
		9:30	3.17	
		14:50	0.78	
		21:20	3.52	
20	Sab	4:00	0.7	
		10:10	3.16	
		15:30	0.84	
		21:50	3.48	
21	Dom	4:40	0.72	
		10:50	3.12	
		16:10	0.91	
		22:30	3.42	
22	Seg	5:20	0.73	
		11:30	3.07	
		16:50	0.98	
		23:10	3.36	
23	Ter	6:00	0.72	
		12:10	3.02	
		17:40	0.99	
		23:50	3.32	
24	Qua	6:30	0.73	
		12:50	3.0	
		18:20	1.0	
25	Qui	0:30	3.3	
		7:20	0.7	
		13:50	3.02	
		19:10	0.96	
26	Sex	1:20	3.27	
		8:00	0.69	
		14:20	3.06	
		20:10	0.9	
27	Sab	2:20	3.25	
		8:50	0.7	
		15:10	3.14	
		21:10	0.86	
28	Dom	3:20	3.23	
		9:40	0.73	
		16:00	3.25	
		22:20	0.83	
29	Seg	4:30	3.2	
		10:30	0.76	
		17:00	3.35	
		23:30	0.79	
30	Ter	5:40	3.19	
		11:30	0.78	
		17:50	3.47	
31	Qua	0:40	0.75	
		6:50	3.21	
		12:30	0.79	
		19:50	3.41	

Simbologia das fases lunares:
Horários no padrão local (Fuso Horário UTC -3:00)
Dados de nível sem Georreferenciamento

