

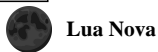
Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	1:50	1.68	
		10:10	4.75	
		15:50	1.0	
		22:00	5.0	
2	Qui	4:40	0.46	
		10:50	4.75	
		16:40	0.98	
		22:40	4.95	
3	Sex	5:20	0.53	
		11:40	4.73	
		17:20	1.06	
		23:30	4.88	
4	Sab	6:00	0.66	
		12:20	4.66	
		18:20	1.08	
5	Dom	0:20	4.78	
		6:50	0.8	
		13:10	4.6	
		19:10	1.17	
6	Seg	1:20	4.68	
		7:40	0.98	
		14:00	4.54	
		20:10	1.25	
7	Ter	2:20	4.55	
		8:30	1.16	
		14:50	4.5	
		21:20	1.33	
8	Qua	3:30	4.43	
		9:30	1.31	
		15:50	4.48	
		22:30	1.33	
9	Qui	4:40	4.38	
		10:40	1.38	
		16:50	4.51	
		23:40	1.18	
10	Sex	5:50	4.45	
		11:40	1.36	
		18:00	4.61	
		0:40	0.95	
11	Sab	7:00	4.63	
		12:40	1.26	
		18:50	4.7	
		1:40	0.68	
12	Dom	8:00	4.81	
		13:40	1.12	
		19:50	4.84	
		2:30	0.49	
13	Seg	9:00	4.95	
		14:40	1.01	
		20:40	4.92	
14	Ter	3:20	0.38	
		9:50	5.0	
		15:30	0.97	
		21:30	4.94	
15	Qua	4:10	0.39	
		10:30	4.95	
		16:10	1.01	
		22:10	4.87	
16	Qui	4:50	0.52	
		11:10	4.81	
		16:50	1.1	
		22:50	4.75	
17	Sex	5:30	0.72	
		11:50	4.63	
		17:30	1.21	
		23:30	4.61	
18	Sab	6:00	0.95	
		12:20	4.44	
		18:10	1.33	
19	Dom	0:10	4.47	
		6:30	1.16	
		12:40	4.29	
		18:40	1.42	
20	Seg	0:40	4.33	
		7:00	1.34	
		13:10	4.22	
		19:10	1.49	
21	Ter	1:20	4.22	
		7:20	1.49	
		13:40	4.2	
		20:00	1.55	
22	Qua	2:00	4.12	
		8:00	1.6	
		14:20	4.21	
		20:50	1.6	
23	Qui	3:00	4.02	
		8:40	1.71	
		15:00	4.23	
		21:50	1.64	
24	Sex	4:00	3.95	
		9:40	1.76	
		16:00	4.29	
		23:00	1.62	
25	Sab	5:10	3.93	
		10:40	1.77	
		17:10	4.37	
26	Dom	0:00	1.46	
		6:20	4.04	
		11:50	1.67	
		18:10	4.49	
27	Seg	1:10	1.17	
		7:30	4.26	
		13:00	1.45	
		19:10	4.66	
28	Ter	2:00	0.86	
		8:20	4.53	
		14:00	1.19	
		20:10	4.87	
29	Qua	2:50	0.58	
		9:10	4.76	
		14:50	0.97	
		21:00	5.05	
30	Qui	3:40	0.38	
		10:00	4.93	
		15:40	0.8	
		21:50	5.17	
31	Sex	4:20	0.3	
		10:40	5.01	
		16:30	0.69	
		22:40	5.21	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	5:10	0.31	
		11:20	5.01	
		17:20	0.67	
		23:30	5.17	
2	Dom	5:50	0.43	
		12:00	4.94	
		18:10	0.74	
3	Seg	0:10	5.01	
		6:30	0.63	
		12:40	4.82	
		18:50	0.9	
4	Ter	1:00	4.82	
		7:10	0.89	
		13:30	4.69	
		19:50	1.07	
5	Qua	2:00	4.6	
		8:00	1.15	
		14:20	4.54	
		20:50	1.27	
6	Qui	3:00	4.36	
		9:00	1.41	
		15:10	4.39	
		21:50	1.43	
7	Sex	4:20	4.19	
		10:00	1.62	
		16:20	4.29	
		23:10	1.43	
8	Sab	5:30	4.18	
		11:10	1.7	
		17:30	4.29	
9	Dom	0:20	1.23	
		6:50	4.37	
		12:20	1.6	
		18:30	4.4	
10	Seg	1:20	0.95	
		7:50	4.6	
		13:30	1.38	
		19:30	4.59	
11	Ter	2:20	0.68	
		8:40	4.8	
		14:20	1.17	
		20:30	4.81	
12	Qua	3:10	0.52	
		9:30	4.93	
		15:10	1.01	
		21:20	4.93	
13	Qui	3:50	0.47	
		10:10	4.96	
		15:50	0.93	
		22:00	4.95	
14	Sex	4:30	0.54	
		10:40	4.88	
		16:30	0.92	
		22:40	4.89	
15	Sab	5:00	0.67	
		11:10	4.75	
		17:10	0.96	
		23:10	4.77	
16	Dom	5:30	0.84	
		11:30	4.61	
		17:40	1.03	
		23:40	4.64	
17	Seg	5:50	1.02	
		12:00	4.52	
		18:00	1.13	
18	Ter	0:10	4.51	
		6:10	1.2	
		12:20	4.45	
		18:40	1.21	
19	Qua	0:40	4.37	
		6:40	1.35	
		12:50	4.4	
		19:10	1.31	
20	Qui	1:20	4.22	
		7:10	1.52	
		13:20	4.33	
		20:00	1.43	
21	Sex	2:10	4.07	
		7:50	1.68	
		14:10	4.28	
		21:00	1.56	
22	Sab	3:10	3.94	
		8:50	1.8	
		15:10	4.24	
		22:10	1.65	
23	Dom	4:30	3.86	
		10:00	1.87	
		16:30	4.26	
		23:30	1.57	
24	Seg	6:00	3.94	
		11:30	1.76	
		17:50	4.37	
25	Ter	0:40	1.27	
		7:00	4.24	
		12:50	1.46	
		19:00	4.62	
26	Qua	1:40	0.88	
		8:00	4.6	
		13:50	1.09	
		20:00	4.93	
27	Qui	2:30	0.53	
		8:50	4.93	
		14:40	0.75	
		21:00	5.23	
28	Sex	3:20	0.27	
		9:30	5.14	
		15:30	0.49	
		21:50	5.41	

Simbologia das fases lunares:

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

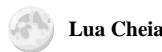
Dados de nível sem Georreferenciamento



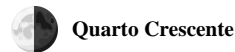
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

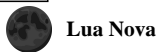
Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	4:00	0.16	
		10:20	5.27	
		16:20	0.35	
		22:30	5.44	
2	Dom	4:50	0.17	
		10:50	5.23	
		17:00	0.37	
		23:20	5.37	
3	Seg	5:30	0.32	
		11:30	5.12	
		17:50	0.48	
4	Ter	0:00	5.15	
		6:00	0.6	
		12:10	4.94	
		18:30	0.71	
5	Qua	0:50	4.88	
		6:40	0.92	
		12:50	4.71	
		19:20	0.99	
6	Qui	1:40	4.55	
		7:30	1.25	
		13:40	4.48	
		20:20	1.29	
7	Sex	2:40	4.23	
		8:20	1.58	
		14:30	4.25	
		21:30	1.56	
8	Sab	3:50	3.99	
		9:30	1.86	
		15:40	4.07	
		22:40	1.65	
9	Dom	5:20	3.98	
		10:50	1.98	
		17:00	4.01	
10	Seg	0:00	1.47	
		6:30	4.18	
		12:10	1.83	
		18:20	4.19	
11	Ter	1:00	1.18	
		7:30	4.46	
		13:10	1.54	
		19:20	4.46	
12	Qua	2:00	0.88	
		8:20	4.71	
		14:10	1.21	
		20:10	4.7	
13	Qui	2:40	0.7	
		9:00	4.87	
		14:50	0.97	
		21:00	4.89	
14	Sex	3:20	0.61	
		9:30	4.94	
		15:30	0.81	
		21:40	4.97	
15	Sab	3:50	0.61	
		10:00	4.92	
		16:00	0.74	
		22:10	4.94	
16	Dom	4:20	0.69	
		10:30	4.86	
		16:30	0.74	
		22:50	4.87	
17	Seg	4:50	0.81	
		10:50	4.78	
		17:00	0.8	
		23:20	4.75	
18	Ter	5:10	0.97	
		11:10	4.7	
		17:30	0.89	
		23:40	4.6	
19	Qua	5:30	1.15	
		11:30	4.6	
		18:00	1.02	
20	Qui	6:00	1.32	
		12:00	4.51	
		18:40	1.16	
21	Sex	0:50	4.25	
		6:30	1.51	
		12:40	4.4	
		19:20	1.33	
22	Sab	1:40	4.07	
		7:10	1.7	
		13:30	4.27	
		20:20	1.51	
23	Dom	2:40	3.92	
		8:20	1.84	
		14:40	4.18	
		21:40	1.65	
24	Seg	4:10	3.85	
		9:40	1.91	
		16:00	4.18	
		23:00	1.6	
25	Ter	5:30	3.99	
		11:20	1.75	
		17:50	4.33	
26	Qua	0:20	1.27	
		6:40	4.34	
		12:50	1.38	
		18:50	4.66	
27	Qui	1:20	0.86	
		7:30	4.74	
		13:40	0.9	
		19:50	5.03	
28	Sex	2:10	0.48	
		8:20	5.09	
		14:30	0.5	
		20:40	5.34	
29	Sab	3:00	0.22	
		9:10	5.34	
		15:20	0.22	
		21:30	5.52	
30	Dom	3:40	0.12	
		9:50	5.43	
		16:00	0.12	
		22:20	5.55	
31	Seg	4:20	0.18	
		10:30	5.38	
		16:50	0.14	
		23:00	5.4	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	5:00	0.38	
		11:10	5.21	
		17:30	0.34	
		23:50	5.15	
2	Qua	5:40	0.68	
		11:40	4.93	
		18:10	0.64	
3	Qui	0:30	4.8	
		6:20	1.04	
		12:20	4.65	
		19:00	0.98	
4	Sex	1:30	4.44	
		7:00	1.42	
		13:10	4.37	
		20:00	1.34	
5	Sab	2:30	4.09	
		8:00	1.75	
		14:00	4.11	
		21:00	1.65	
6	Dom	3:40	3.87	
		9:10	2.04	
		15:10	3.9	
		22:20	1.79	
7	Seg	5:00	3.87	
		10:30	2.14	
		16:40	3.84	
		23:30	1.67	
8	Ter	6:10	4.08	
		11:50	1.96	
		17:50	4.0	
9	Qua	0:30	1.42	
		7:00	4.33	
		12:50	1.62	
		19:00	4.31	
10	Qui	1:20	1.16	
		7:40	4.57	
		13:40	1.27	
		19:50	4.58	
11	Sex	2:00	0.96	
		8:10	4.73	
		14:20	0.98	
		20:30	4.77	
12	Sab	2:40	0.83	
		8:50	4.86	
		15:00	0.77	
		21:10	4.88	
13	Dom	3:10	0.78	
		9:20	4.91	
		15:30	0.66	
		21:50	4.9	
14	Seg	3:40	0.79	
		9:40	4.9	
		16:00	0.62	
		22:20	4.85	
15	Ter	4:10	0.86	
		10:10	4.88	
		16:30	0.67	
		22:50	4.74	
16	Qua	4:30	1.02	
		10:30	4.8	
		17:00	0.77	
		23:20	4.6	
17	Qui	5:00	1.17	
		11:00	4.71	
		17:40	0.9	
		23:50	4.43	
18	Sex	5:30	1.35	
		11:30	4.57	
		18:20	1.07	
19	Sab	0:30	4.25	
		6:00	1.55	
		12:20	4.44	
		19:00	1.26	
20	Dom	1:20	4.08	
		6:50	1.72	
		13:10	4.26	
		20:00	1.45	
21	Seg	2:30	3.96	
		8:00	1.84	
		14:20	4.17	
		21:10	1.57	
22	Ter	3:40	3.96	
		9:30	1.83	
		15:50	4.21	
		22:30	1.52	
23	Qua	5:00	4.14	
		11:00	1.64	
		17:20	4.38	
		23:50	1.24	
24	Qui	6:10	4.48	
		12:20	1.23	
		18:30	4.7	
25	Sex	0:50	0.87	
		7:00	4.85	
		13:20	0.76	
		19:30	5.06	
26	Sab	1:40	0.54	
		7:50	5.17	
		14:10	0.37	
		20:30	5.36	
27	Dom	2:30	0.31	
		8:40	5.39	
		15:00	0.11	
		21:20	5.51	
28	Seg	3:10	0.26	
		9:20	5.43	
		15:50	0.01	
		22:00	5.48	
29	Ter	4:00	0.32	
		10:00	5.34	
		16:30	0.1	
		22:50	5.33	
30	Qua	4:40	0.54	
		10:40	5.14	
		17:10	0.33	
		23:40	5.05	

Simbologia das fases lunares:

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

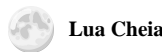
Dados de nível sem Georreferenciamento



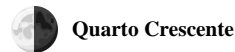
Lua Nova



Quarto Minguante



Lua Cheia

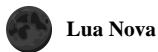


Quarto Crescente

Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	5:20	0.85	
		11:20	4.87	
		18:00	0.63	
2	Sex	0:20	4.7	
		6:00	1.2	
		12:00	4.57	
		18:50	0.99	
3	Sab	1:10	4.35	
		6:50	1.54	
		12:50	4.29	
		19:40	1.35	
4	Dom	2:10	4.05	
		7:40	1.84	
		13:40	4.04	
		20:40	1.66	
5	Seg	3:20	3.86	
		8:50	2.08	
		14:50	3.86	
		21:40	1.83	
6	Ter	4:20	3.84	
		10:10	2.17	
		16:10	3.78	
		22:50	1.82	
7	Qua	5:20	3.96	
		11:20	2.01	
		17:20	3.89	
		23:50	1.67	
8	Qui	6:10	4.16	
		12:20	1.7	
		18:20	4.11	
9	Sex	0:40	1.46	
		6:50	4.37	
		13:00	1.38	
		19:10	4.35	
10	Sab	1:20	1.27	
		7:30	4.57	
		13:50	1.07	
		20:00	4.55	
11	Dom	1:50	1.12	
		8:00	4.72	
		14:20	0.85	
		20:40	4.69	
12	Seg	2:30	1.0	
		8:30	4.83	
		15:00	0.68	
		21:20	4.75	
13	Ter	3:00	0.96	
		9:00	4.89	
		15:40	0.6	
		21:50	4.74	
14	Qua	3:30	1.0	
		9:30	4.89	
		16:10	0.62	
		22:30	4.67	
15	Qui	4:00	1.1	
		10:00	4.83	
		16:40	0.71	
		23:00	4.56	
16	Sex	4:30	1.25	
		10:40	4.75	
		17:20	0.83	
		23:40	4.42	
17	Sab	5:10	1.38	
		11:20	4.62	
		18:00	0.99	
18	Dom	0:20	4.28	
		5:50	1.53	
		12:00	4.45	
		18:50	1.15	
19	Seg	1:10	4.17	
		6:50	1.63	
		13:00	4.33	
		19:40	1.31	
20	Ter	2:10	4.12	
		8:00	1.68	
		14:10	4.27	
		20:50	1.4	
21	Qua	3:20	4.17	
		9:20	1.65	
		15:30	4.31	
		22:00	1.39	
22	Qui	4:30	4.32	
		10:40	1.48	
		16:50	4.43	
		23:10	1.23	
23	Sex	5:30	4.58	
		11:50	1.15	
		18:10	4.68	
24	Sab	0:10	0.98	
		6:30	4.87	
		12:50	0.76	
		19:10	4.97	
25	Dom	1:10	0.72	
		7:20	5.11	
		13:50	0.4	
		20:10	5.22	
26	Seg	2:00	0.55	
		8:10	5.27	
		14:40	0.17	
		21:00	5.34	
27	Ter	2:50	0.49	
		9:00	5.33	
		15:30	0.08	
		21:50	5.33	
28	Qua	3:40	0.55	
		9:40	5.23	
		16:20	0.14	
		22:40	5.2	
29	Qui	4:20	0.74	
		10:20	5.04	
		17:00	0.34	
		23:30	4.96	
30	Sex	5:00	1.0	
		11:10	4.83	
		17:50	0.62	
31	Sab	0:10	4.67	
		5:50	1.27	
		11:50	4.56	
		18:30	0.96	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	1:00	4.37	
		6:40	1.55	
		12:30	4.3	
		19:20	1.28	
2	Seg	1:50	4.12	
		7:30	1.79	
		13:20	4.1	
		20:10	1.56	
3	Ter	2:40	3.95	
		8:20	1.95	
		14:20	3.94	
		21:00	1.76	
4	Qua	3:30	3.87	
		9:30	2.05	
		15:20	3.85	
		21:50	1.85	
5	Qui	4:20	3.9	
		10:30	1.99	
		16:30	3.83	
		22:40	1.84	
6	Sex	5:10	4.02	
		11:30	1.81	
		17:40	3.93	
		23:30	1.73	
7	Sab	5:50	4.19	
		12:20	1.54	
		18:30	4.1	
8	Dom	0:20	1.57	
		6:30	4.39	
		13:00	1.27	
		19:20	4.28	
9	Seg	1:00	1.41	
		7:10	4.58	
		13:50	1.01	
		20:10	4.44	
10	Ter	1:40	1.27	
		7:50	4.74	
		14:30	0.81	
		20:50	4.55	
11	Qua	2:20	1.18	
		8:30	4.84	
		15:10	0.68	
		21:30	4.61	
12	Qui	3:00	1.14	
		9:10	4.89	
		15:50	0.62	
		22:10	4.62	
13	Sex	3:40	1.15	
		9:50	4.87	
		16:30	0.64	
		22:50	4.58	
14	Sab	4:20	1.21	
		10:30	4.81	
		17:10	0.71	
		23:30	4.52	
15	Dom	5:00	1.29	
		11:10	4.7	
		17:50	0.83	
		0:10	4.45	
16	Seg	5:50	1.35	
		12:00	4.61	
		18:40	0.95	
17	Ter	1:00	4.4	
		6:50	1.38	
		13:00	4.54	
		19:30	1.09	
18	Qua	1:50	4.37	
		7:50	1.42	
		14:00	4.46	
		20:30	1.2	
19	Qui	2:50	4.4	
		9:00	1.42	
		15:10	4.43	
		21:30	1.27	
20	Sex	3:50	4.47	
		10:20	1.35	
		16:30	4.45	
		22:30	1.27	
21	Sab	4:50	4.58	
		11:30	1.16	
		17:40	4.56	
		23:40	1.16	
22	Dom	5:50	4.74	
		12:30	0.87	
		18:50	4.76	
23	Seg	0:40	1.01	
		6:50	4.91	
		13:30	0.57	
		19:50	4.97	
24	Ter	1:40	0.86	
		7:40	5.03	
		14:20	0.35	
		20:40	5.1	
25	Qua	2:30	0.78	
		8:40	5.14	
		15:20	0.2	
		21:40	5.16	
26	Qui	3:20	0.78	
		9:20	5.08	
		16:00	0.23	
		22:30	5.1	
27	Sex	4:10	0.86	
		10:10	5.0	
		16:50	0.35	
		23:10	4.94	
28	Sab	4:50	1.02	
		10:50	4.83	
		17:30	0.59	
29	Dom	0:00	4.73	
		5:40	1.21	
		11:40	4.65	
		18:20	0.87	
30	Seg	0:40	4.49	
		6:20	1.4	
		12:20	4.44	
		18:50	1.15	

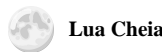
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



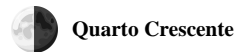
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

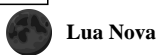
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	1:20	4.27	
		7:00	1.57	
		13:00	4.25	
		19:30	1.4	
2	Qua	1:50	4.1	
		7:50	1.71	
		13:50	4.1	
		20:10	1.6	
3	Qui	2:30	4.02	
		8:30	1.78	
		14:40	3.98	
		20:50	1.73	
4	Sex	3:10	4.02	
		9:30	1.83	
		15:30	3.9	
		21:30	1.8	
5	Sab	3:50	4.07	
		10:30	1.81	
		16:40	3.84	
		22:20	1.82	
6	Dom	4:40	4.17	
		11:30	1.69	
		17:40	3.89	
		23:10	1.77	
7	Seg	5:30	4.3	
		12:20	1.47	
		18:40	4.02	
8	Ter	0:10	1.65	
		6:20	4.45	
		13:10	1.22	
		19:30	4.21	
9	Qua	1:00	1.5	
		7:20	4.61	
		14:00	0.97	
		20:20	4.4	
10	Qui	1:50	1.34	
		8:00	4.75	
		14:50	0.74	
		21:10	4.56	
11	Sex	2:40	1.19	
		8:50	4.87	
		15:30	0.6	
		21:50	4.67	
12	Sab	3:30	1.06	
		9:40	4.96	
		16:20	0.51	
		22:30	4.73	
13	Dom	4:20	0.98	
		10:20	4.95	
		17:00	0.52	
		23:10	4.73	
14	Seg	5:00	1.0	
		11:10	4.94	
		17:40	0.59	
		0:00	4.73	
15	Ter	5:50	1.01	
		12:00	4.88	
		18:20	0.73	
		0:40	4.68	
16	Qua	6:40	1.06	
		12:50	4.77	
		19:10	0.88	
		1:20	4.61	
17	Qui	7:40	1.14	
		13:50	4.64	
		20:00	1.06	
		2:20	4.57	
18	Sex	8:40	1.24	
		14:50	4.49	
		20:50	1.24	
19	Sab	3:10	4.52	
		9:50	1.32	
		16:00	4.37	
		22:00	1.38	
20	Dom	4:10	4.49	
		11:00	1.28	
		17:20	4.36	
		23:00	1.43	
21	Seg	5:20	4.53	
		12:10	1.09	
		18:30	4.5	
22	Ter	0:10	1.36	
		6:20	4.62	
		13:10	0.82	
		19:30	4.71	
23	Qua	1:20	1.18	
		7:30	4.81	
		14:10	0.54	
		20:30	4.92	
24	Qui	2:10	1.03	
		8:20	4.94	
		15:00	0.36	
		21:20	5.05	
25	Sex	3:10	0.9	
		9:10	5.02	
		15:50	0.29	
		22:10	5.08	
26	Sab	4:00	0.87	
		10:00	5.04	
		16:30	0.36	
		22:50	5.0	
27	Dom	4:40	0.91	
		10:40	4.94	
		17:10	0.53	
		23:30	4.84	
28	Seg	5:20	1.02	
		11:20	4.79	
		17:50	0.77	
29	Ter	0:10	4.64	
		6:00	1.16	
		12:00	4.61	
		18:20	1.02	
30	Qua	0:30	4.43	
		6:30	1.29	
		12:30	4.43	
		18:50	1.25	
31	Qui	1:00	4.3	
		7:10	1.42	
		13:10	4.27	
		19:10	1.44	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	1:20	4.22	
		7:40	1.51	
		13:50	4.12	
		19:40	1.6	
2	Sab	2:00	4.19	
		8:30	1.61	
		14:40	3.99	
		20:20	1.74	
3	Dom	2:40	4.18	
		9:20	1.68	
		15:40	3.87	
		21:10	1.84	
4	Seg	3:30	4.19	
		10:30	1.73	
		16:50	3.79	
		22:10	1.89	
5	Ter	4:40	4.23	
		11:40	1.64	
		18:00	3.85	
		23:30	1.82	
6	Qua	5:50	4.32	
		12:40	1.4	
		19:10	4.07	
7	Qui	0:40	1.62	
		6:50	4.49	
		13:40	1.07	
		20:00	4.35	
8	Sex	1:40	1.35	
		7:50	4.73	
		14:30	0.75	
		20:50	4.63	
9	Sab	2:30	1.08	
		8:40	4.95	
		15:20	0.49	
		21:30	4.84	
10	Dom	3:20	0.84	
		9:30	5.12	
		16:00	0.35	
		22:10	4.97	
11	Seg	4:10	0.67	
		10:20	5.23	
		16:40	0.32	
		22:50	5.02	
12	Ter	4:50	0.64	
		11:00	5.2	
		17:20	0.39	
		23:30	5.0	
13	Qua	5:40	0.65	
		11:50	5.12	
		18:00	0.55	
		0:10	4.91	
14	Qui	6:30	0.75	
		12:40	4.95	
		18:40	0.78	
15	Sex	0:50	4.78	
		7:10	0.94	
		13:30	4.71	
		19:30	1.03	
16	Sab	1:40	4.63	
		8:10	1.14	
		14:30	4.46	
		20:20	1.31	
17	Dom	2:30	4.47	
		9:20	1.36	
		15:40	4.23	
		21:20	1.56	
18	Seg	3:40	4.33	
		10:30	1.46	
		17:00	4.14	
		22:40	1.71	
19	Ter	4:50	4.26	
		11:50	1.33	
		18:10	4.27	
		23:50	1.66	
20	Qua	6:00	4.35	
		12:50	1.06	
		19:20	4.54	
21	Qui	1:00	1.43	
		7:10	4.58	
		13:50	0.74	
		20:20	4.81	
22	Sex	2:00	1.15	
		8:10	4.84	
		14:50	0.49	
		21:00	5.0	
23	Sab	2:50	0.92	
		9:00	5.01	
		15:30	0.38	
		21:50	5.09	
24	Dom	3:40	0.78	
		9:50	5.1	
		16:10	0.4	
		22:20	5.05	
25	Seg	4:20	0.75	
		10:30	5.05	
		16:50	0.54	
		23:00	4.93	
26	Ter	4:50	0.8	
		11:00	4.91	
		17:20	0.73	
		23:20	4.75	
27	Qua	5:30	0.9	
		11:40	4.74	
		17:40	0.94	
		23:50	4.6	
28	Qui	6:00	1.03	
		12:10	4.55	
		18:00	1.16	
29	Sex	0:10	4.48	
		6:30	1.17	
		12:30	4.38	
		18:20	1.37	
30	Sab	0:30	4.38	
		7:00	1.3	
		13:10	4.2	
		18:50	1.55	
31	Dom	1:00	4.29	
		7:40	1.44	
		13:50	4.03	
		19:20	1.74	

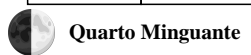
Simbologia das fases lunares:

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

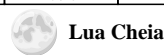
Dados de nível sem Georreferenciamento



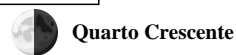
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

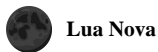
Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	1:40	4.2	
		8:30	1.59	
		14:50	3.87	
		20:20	1.87	
2	Ter	2:40	4.15	
		9:40	1.72	
		16:00	3.77	
		21:30	1.96	
3	Qua	3:50	4.14	
		11:00	1.73	
		17:30	3.79	
		23:00	1.9	
4	Qui	5:20	4.22	
		12:10	1.49	
		18:40	4.06	
5	Sex	0:20	1.65	
		6:30	4.44	
		13:20	1.09	
		19:40	4.43	
6	Sab	1:30	1.24	
		7:40	4.78	
		14:10	0.71	
		20:20	4.77	
7	Dom	2:20	0.86	
		8:30	5.09	
		15:00	0.4	
		21:10	5.07	
8	Seg	3:10	0.54	
		9:20	5.32	
		15:40	0.22	
		21:50	5.23	
9	Ter	4:00	0.34	
		10:10	5.44	
		16:20	0.19	
		22:30	5.28	
10	Qua	4:40	0.3	
		10:50	5.39	
		17:00	0.29	
		23:10	5.21	
11	Qui	5:20	0.39	
		11:40	5.25	
		17:40	0.5	
		23:40	5.03	
12	Sex	6:10	0.56	
		12:20	4.98	
		18:20	0.79	
13	Sab	0:20	4.82	
		6:50	0.84	
		13:10	4.67	
		19:00	1.13	
14	Dom	1:10	4.6	
		7:50	1.14	
		14:10	4.35	
		19:50	1.46	
15	Seg	2:00	4.35	
		8:50	1.44	
		15:20	4.07	
		21:00	1.76	
16	Ter	3:10	4.14	
		10:10	1.62	
		16:40	3.98	
		22:20	1.94	
17	Qua	4:30	4.04	
		11:30	1.52	
		18:00	4.15	
		23:40	1.85	
18	Qui	5:50	4.16	
		12:40	1.22	
		19:00	4.44	
19	Sex	0:50	1.54	
		7:00	4.46	
		13:30	0.92	
		19:50	4.72	
20	Sab	1:50	1.18	
		7:50	4.73	
		14:20	0.68	
		20:40	4.95	
21	Dom	2:30	0.9	
		8:40	4.95	
		15:00	0.55	
		21:10	5.04	
22	Seg	3:10	0.72	
		9:20	5.04	
		15:40	0.54	
		21:40	5.02	
23	Ter	3:50	0.63	
		10:00	5.03	
		16:10	0.62	
		22:10	4.94	
24	Qua	4:20	0.65	
		10:40	4.93	
		16:40	0.77	
		22:40	4.83	
25	Qui	5:00	0.73	
		11:10	4.77	
		17:00	0.95	
		23:00	4.72	
26	Sex	5:20	0.86	
		11:40	4.59	
		17:20	1.16	
		23:20	4.6	
27	Sab	5:50	1.01	
		12:00	4.4	
		17:40	1.37	
		23:50	4.5	
28	Dom	6:20	1.17	
		12:40	4.22	
		18:10	1.56	
29	Seg	0:20	4.36	
		7:00	1.34	
		13:20	4.03	
		18:50	1.73	
30	Ter	1:00	4.21	
		8:00	1.52	
		14:10	3.87	
		19:40	1.91	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	2:00	4.09	
		9:00	1.68	
		15:30	3.8	
		21:00	1.98	
2	Qui	3:30	4.1	
		10:30	1.7	
		17:00	3.86	
		22:40	1.87	
3	Sex	5:00	4.21	
		11:40	1.48	
		18:10	4.17	
4	Sab	0:00	1.56	
		6:20	4.48	
		12:50	1.08	
		19:10	4.57	
5	Dom	1:10	1.09	
		7:20	4.84	
		13:40	0.69	
		19:50	4.93	
6	Seg	2:00	0.66	
		8:20	5.2	
		14:30	0.38	
		20:40	5.23	
7	Ter	2:50	0.33	
		9:10	5.44	
		15:10	0.22	
		21:20	5.37	
8	Qua	3:40	0.12	
		9:50	5.5	
		15:50	0.22	
		22:00	5.38	
9	Qui	4:20	0.12	
		10:40	5.44	
		16:40	0.33	
		22:40	5.27	
10	Sex	5:10	0.23	
		11:20	5.22	
		17:10	0.61	
		23:20	5.06	
11	Sab	5:50	0.49	
		12:10	4.92	
		18:00	0.91	
		0:00	4.79	
12	Dom	6:40	0.81	
		13:00	4.58	
		18:40	1.28	
13	Seg	0:40	4.49	
		7:30	1.16	
		14:00	4.24	
		19:30	1.62	
14	Ter	1:40	4.23	
		8:30	1.49	
		15:10	3.99	
		20:40	1.9	
15	Qua	2:40	4.01	
		9:40	1.69	
		16:20	3.93	
		22:00	2.06	
16	Qui	4:10	3.91	
		11:00	1.66	
		17:40	4.1	
		23:30	1.93	
17	Sex	5:30	4.04	
		12:10	1.42	
		18:30	4.34	
18	Sab	0:30	1.6	
		6:40	4.32	
		13:00	1.17	
		19:20	4.6	
19	Dom	1:20	1.25	
		7:30	4.59	
		13:40	0.97	
		20:00	4.8	
20	Seg	2:10	0.93	
		8:20	4.81	
		14:20	0.83	
		20:30	4.89	
21	Ter	2:40	0.74	
		9:00	4.91	
		15:00	0.78	
		21:00	4.92	
22	Qua	3:20	0.62	
		9:40	4.91	
		15:30	0.81	
		21:30	4.91	
23	Qui	3:50	0.61	
		10:10	4.83	
		16:00	0.9	
		22:00	4.86	
24	Sex	4:30	0.65	
		10:40	4.7	
		16:20	1.05	
		22:20	4.77	
25	Sab	4:50	0.78	
		11:10	4.55	
		16:40	1.25	
		22:50	4.68	
26	Dom	5:30	0.91	
		11:40	4.38	
		17:10	1.42	
		23:20	4.55	
27	Seg	6:00	1.09	
		12:20	4.21	
		17:40	1.6	
		23:50	4.38	
28	Ter	6:40	1.26	
		13:00	4.06	
		18:30	1.73	
29	Qua	0:40	4.23	
		7:30	1.43	
		14:00	3.95	
		19:30	1.84	
30	Qui	1:50	4.15	
		8:40	1.56	
		15:10	3.93	
		20:50	1.86	
31	Sex	3:10	4.16	
		9:50	1.58	
		16:20	4.05	
		22:30	1.72	

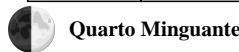
Simbologia das fases lunares:

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

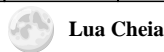
Dados de nível sem Georreferenciamento



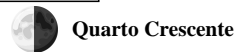
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	4:40	4.27	
		11:10	1.4	
		17:30	4.33	
		23:40	1.41	
2	Dom	6:00	4.53	
		12:10	1.09	
		18:30	4.69	
3	Seg	0:50	0.96	
		7:00	4.87	
		13:10	0.74	
		19:20	5.02	
4	Ter	1:40	0.55	
		8:00	5.18	
		14:00	0.48	
		20:10	5.27	
5	Qua	2:30	0.24	
		8:50	5.38	
		14:50	0.33	
		20:50	5.37	
6	Qui	3:20	0.07	
		9:40	5.44	
		15:30	0.36	
		21:40	5.38	
7	Sex	4:10	0.05	
		10:30	5.36	
		16:10	0.51	
		22:20	5.24	
8	Sab	4:50	0.22	
		11:10	5.13	
		17:00	0.74	
		23:00	5.0	
9	Dom	5:40	0.47	
		12:00	4.84	
		17:40	1.06	
		23:40	4.72	
10	Seg	6:30	0.8	
		12:50	4.52	
		18:30	1.38	
11	Ter	0:30	4.45	
		7:20	1.14	
		13:50	4.23	
		19:20	1.68	
12	Qua	1:20	4.19	
		8:10	1.46	
		14:50	4.03	
		20:30	1.92	
13	Qui	2:30	4.0	
		9:20	1.68	
		15:50	3.96	
		21:40	2.04	
14	Sex	3:40	3.89	
		10:20	1.74	
		16:50	4.03	
		23:00	1.96	
15	Sab	5:00	3.94	
		11:20	1.66	
		17:50	4.2	
16	Dom	0:00	1.69	
		6:00	4.12	
		12:10	1.5	
		18:30	4.37	
17	Seg	0:50	1.38	
		7:00	4.34	
		13:00	1.32	
		19:10	4.54	
18	Ter	1:30	1.11	
		7:40	4.51	
		13:40	1.18	
		19:40	4.67	
19	Qua	2:10	0.89	
		8:30	4.64	
		14:10	1.1	
		20:20	4.78	
20	Qui	2:50	0.74	
		9:10	4.68	
		14:50	1.05	
		20:50	4.83	
21	Sex	3:20	0.68	
		9:40	4.66	
		15:20	1.08	
		21:20	4.83	
22	Sab	4:00	0.67	
		10:20	4.59	
		15:50	1.16	
		21:50	4.78	
23	Dom	4:30	0.75	
		10:50	4.5	
		16:20	1.28	
		22:20	4.69	
24	Seg	5:10	0.85	
		11:20	4.38	
		16:50	1.43	
		23:00	4.59	
25	Ter	5:40	1.0	
		12:00	4.27	
		17:30	1.54	
		23:40	4.45	
26	Qua	6:30	1.12	
		12:50	4.19	
		18:20	1.63	
27	Qui	0:30	4.33	
		7:20	1.26	
		13:40	4.14	
		19:30	1.64	
28	Sex	1:40	4.3	
		8:20	1.36	
		14:40	4.17	
		20:40	1.63	
29	Sab	2:50	4.29	
		9:20	1.39	
		15:50	4.28	
		22:00	1.53	
30	Dom	4:10	4.37	
		10:30	1.32	
		16:50	4.47	
		23:20	1.29	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	5:30	4.53	
		11:30	1.15	
		17:50	4.72	
2	Ter	0:20	0.95	
		6:40	4.78	
		12:30	0.93	
		18:50	4.98	
3	Qua	1:20	0.59	
		7:40	5.04	
		13:30	0.71	
		19:40	5.16	
4	Qui	2:10	0.32	
		8:30	5.21	
		14:20	0.6	
		20:30	5.26	
5	Sex	3:00	0.15	
		9:20	5.27	
		15:10	0.58	
		21:20	5.27	
6	Sab	3:50	0.13	
		10:10	5.22	
		16:00	0.67	
		22:00	5.14	
7	Dom	4:40	0.23	
		11:00	5.07	
		16:40	0.88	
		22:50	4.97	
8	Seg	5:30	0.45	
		11:50	4.84	
		17:30	1.1	
		23:30	4.73	
9	Ter	6:10	0.74	
		12:40	4.58	
		18:20	1.35	
10	Qua	0:20	4.5	
		7:00	1.05	
		13:30	4.33	
		19:10	1.59	
11	Qui	1:10	4.28	
		7:50	1.35	
		14:20	4.14	
		20:10	1.79	
12	Sex	2:00	4.09	
		8:40	1.59	
		15:10	4.02	
		21:10	1.91	
13	Sab	3:10	3.95	
		9:30	1.75	
		16:00	3.99	
		22:10	1.93	
14	Dom	4:10	3.88	
		10:20	1.81	
		16:40	4.04	
		23:10	1.81	
15	Seg	5:20	3.91	
		11:10	1.77	
		17:50	4.15	
16	Ter	0:00	1.61	
		6:10	4.02	
		12:00	1.67	
		18:10	4.3	
17	Qua	0:50	1.37	
		7:10	4.18	
		12:50	1.53	
		18:50	4.46	
18	Qui	1:40	1.13	
		7:50	4.31	
		13:30	1.4	
		19:30	4.6	
19	Sex	2:20	0.93	
		8:40	4.43	
		14:10	1.3	
		20:10	4.71	
20	Sab	3:00	0.79	
		9:20	4.5	
		14:50	1.23	
		20:50	4.77	
21	Dom	3:40	0.71	
		10:00	4.53	
		15:30	1.21	
		21:30	4.79	
22	Seg	4:20	0.69	
		10:30	4.52	
		16:10	1.22	
		22:10	4.77	
23	Ter	4:50	0.74	
		11:10	4.5	
		16:50	1.25	
		22:50	4.7	
24	Qua	5:30	0.82	
		11:50	4.46	
		17:30	1.31	
		23:40	4.65	
25	Qui	6:10	0.92	
		12:30	4.43	
		18:20	1.34	
26	Sex	0:30	4.58	
		7:00	1.02	
		13:20	4.42	
		19:20	1.35	
27	Sab	1:30	4.52	
		7:50	1.14	
		14:10	4.43	
		20:20	1.37	
28	Dom	2:30	4.45	
		8:50	1.23	
		15:10	4.47	
		21:40	1.36	
29	Seg	3:50	4.43	
		9:50	1.29	
		16:10	4.54	
		22:50	1.27	
30	Ter	5:00	4.45	
		11:00	1.27	
		17:20	4.66	
31	Qua	0:00	1.04	
		6:10	4.59	
		12:00	1.17	
		18:50	4.81	

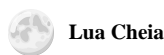
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



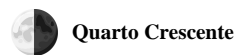
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente