

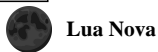
Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	3:40	0.95	
		10:50	3.72	
		16:30	0.82	
		22:50	4.2	
2	Qui	5:30	0.46	
		11:30	3.7	
		17:10	0.8	
		23:30	4.14	
3	Sex	6:10	0.44	
		12:10	3.66	
		17:50	0.79	
4	Sab	0:10	4.03	
		6:50	0.45	
		12:50	3.62	
		18:40	0.74	
5	Dom	1:00	3.9	
		7:30	0.49	
		13:40	3.58	
		19:40	0.69	
6	Seg	2:00	3.79	
		8:20	0.55	
		14:40	3.58	
		20:40	0.71	
7	Ter	3:00	3.71	
		9:20	0.64	
		15:40	3.61	
		21:50	0.77	
8	Qua	4:10	3.64	
		10:20	0.76	
		16:40	3.65	
		23:10	0.84	
9	Qui	5:20	3.55	
		11:20	0.85	
		17:50	3.68	
10	Sex	0:20	0.84	
		6:30	3.52	
		12:20	0.88	
		18:50	3.78	
11	Sab	1:30	0.72	
		7:40	3.62	
		13:20	0.86	
		19:50	3.93	
12	Dom	2:30	0.56	
		8:40	3.78	
		14:20	0.81	
		20:40	4.08	
13	Seg	3:20	0.44	
		9:30	3.91	
		15:10	0.76	
		21:30	4.18	
14	Ter	4:10	0.34	
		10:20	3.95	
		16:00	0.71	
		22:10	4.18	
15	Qua	4:50	0.34	
		11:00	3.9	
		16:40	0.72	
		22:50	4.1	
16	Qui	5:30	0.38	
		11:40	3.77	
		17:20	0.73	
		23:30	3.95	
17	Sex	6:10	0.45	
		12:10	3.61	
		17:50	0.81	
18	Sab	0:10	3.77	
		6:40	0.57	
		12:50	3.45	
		18:30	0.82	
19	Dom	0:40	3.6	
		7:10	0.69	
		13:20	3.33	
		19:10	0.86	
20	Seg	1:20	3.44	
		7:40	0.8	
		13:50	3.25	
		19:50	0.91	
21	Ter	2:00	3.31	
		8:20	0.88	
		14:30	3.23	
		20:40	0.97	
22	Qua	2:50	3.22	
		9:00	0.97	
		15:20	3.27	
		21:50	1.02	
23	Qui	3:50	3.17	
		9:50	1.06	
		16:20	3.34	
		23:00	1.1	
24	Sex	5:00	3.12	
		10:50	1.11	
		17:30	3.39	
25	Sab	0:10	1.12	
		6:20	3.07	
		12:00	1.13	
		18:30	3.5	
26	Dom	1:20	1.04	
		7:20	3.19	
		13:00	1.08	
		19:30	3.68	
27	Seg	2:20	0.86	
		8:20	3.4	
		14:00	0.97	
		20:20	3.9	
28	Ter	3:10	0.67	
		9:10	3.62	
		14:50	0.85	
		21:10	4.11	
29	Qua	3:50	0.52	
		10:00	3.8	
		15:40	0.71	
		22:00	4.24	
30	Qui	4:30	0.4	
		10:40	3.91	
		16:20	0.62	
		22:40	4.31	
31	Sex	5:10	0.31	
		11:10	3.98	
		17:00	0.56	
		23:20	4.3	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	5:50	0.27	
		11:50	3.97	
		17:50	0.46	
2	Dom	0:00	4.21	
		6:30	0.28	
		12:30	3.92	
		18:30	0.48	
3	Seg	0:50	4.05	
		7:10	0.35	
		13:10	3.84	
		19:20	0.51	
4	Ter	1:30	3.87	
		7:50	0.48	
		14:00	3.74	
		20:20	0.58	
5	Qua	2:30	3.7	
		8:40	0.64	
		14:50	3.66	
		21:20	0.75	
6	Qui	3:30	3.54	
		9:30	0.84	
		16:00	3.59	
		22:30	0.93	
7	Sex	4:50	3.36	
		10:40	1.02	
		17:10	3.53	
8	Sab	0:00	1.05	
		6:10	3.26	
		11:50	1.12	
		18:20	3.54	
9	Dom	1:10	0.93	
		7:20	3.37	
		13:00	1.09	
		19:30	3.68	
10	Seg	2:10	0.72	
		8:30	3.62	
		14:10	0.93	
		20:30	3.9	
11	Ter	3:10	0.48	
		9:20	3.86	
		15:00	0.78	
		21:20	4.09	
12	Qua	3:50	0.37	
		10:00	4.0	
		15:40	0.68	
		22:00	4.17	
13	Qui	4:30	0.32	
		10:40	4.03	
		16:30	0.56	
		22:40	4.15	
14	Sex	5:10	0.33	
		11:10	3.96	
		17:00	0.57	
		23:10	4.05	
15	Sab	5:40	0.41	
		11:40	3.83	
		17:30	0.62	
		23:50	3.9	
16	Dom	6:10	0.51	
		12:10	3.69	
		18:10	0.62	
17	Seg	0:20	3.73	
		6:30	0.65	
		12:30	3.58	
		18:40	0.7	
18	Ter	0:50	3.55	
		6:50	0.78	
		13:00	3.48	
		19:20	0.77	
19	Qua	1:20	3.37	
		7:20	0.87	
		13:40	3.4	
		20:00	0.88	
20	Qui	2:00	3.19	
		8:00	0.97	
		14:20	3.32	
		21:00	0.99	
21	Sex	3:00	3.08	
		8:50	1.1	
		15:20	3.32	
		22:10	1.11	
22	Sab	4:20	3.02	
		10:00	1.2	
		16:40	3.36	
		23:40	1.21	
23	Dom	5:50	2.94	
		11:20	1.22	
		18:00	3.4	
24	Seg	0:50	1.12	
		7:00	3.08	
		12:40	1.14	
		19:10	3.57	
25	Ter	2:00	0.88	
		8:00	3.39	
		13:40	0.95	
		20:10	3.85	
26	Qua	2:50	0.61	
		8:50	3.72	
		14:40	0.7	
		21:00	4.13	
27	Qui	3:30	0.41	
		9:30	4.0	
		15:30	0.49	
		21:50	4.34	
28	Sex	4:10	0.26	
		10:20	4.17	
		16:10	0.36	
		22:30	4.44	

Simbologia das fases lunares:

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

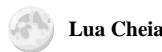
Dados de nível sem Georreferenciamento



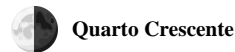
Lua Nova



Quarto Minguante



Lua Cheia

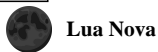


Quarto Crescente

Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	4:50	0.18	
		10:50	4.27	
		16:50	0.29	
		23:10	4.43	
2	Dom	5:20	0.22	
		11:30	4.25	
		17:30	0.29	
		23:50	4.31	
3	Seg	6:00	0.26	
		12:00	4.18	
		18:20	0.28	
4	Ter	0:30	4.11	
		6:30	0.41	
		12:40	4.02	
		19:00	0.42	
5	Qua	1:10	3.86	
		7:10	0.56	
		13:20	3.81	
		19:50	0.59	
6	Qui	2:00	3.58	
		7:50	0.77	
		14:10	3.61	
		20:50	0.8	
7	Sex	3:00	3.35	
		8:50	0.98	
		15:20	3.47	
		22:10	1.06	
8	Sab	4:20	3.16	
		10:00	1.19	
		16:30	3.37	
		23:40	1.22	
9	Dom	6:00	3.04	
		11:30	1.32	
		18:00	3.32	
10	Seg	0:50	1.07	
		7:10	3.23	
		12:50	1.23	
		19:10	3.49	
11	Ter	2:00	0.76	
		8:10	3.56	
		13:50	0.99	
		20:10	3.77	
12	Qua	3:50	0.52	
		9:00	3.86	
		14:40	0.76	
		21:00	4.02	
13	Qui	3:30	0.39	
		9:40	4.06	
		15:30	0.56	
		21:40	4.16	
14	Sex	4:00	0.38	
		10:10	4.14	
		16:10	0.45	
		22:20	4.17	
15	Sab	4:40	0.36	
		10:40	4.11	
		16:40	0.44	
		22:50	4.1	
16	Dom	5:00	0.49	
		11:00	4.02	
		17:10	0.47	
		23:20	3.96	
17	Seg	5:20	0.62	
		11:30	3.91	
		17:40	0.55	
		23:50	3.79	
18	Ter	5:50	0.69	
		11:50	3.82	
		18:10	0.64	
19	Qua	0:20	3.6	
		6:10	0.8	
		12:20	3.71	
		18:50	0.72	
20	Qui	0:50	3.4	
		6:40	0.88	
		12:50	3.57	
		19:30	0.85	
21	Sex	1:30	3.18	
		7:10	1.02	
		13:40	3.41	
		20:30	0.97	
22	Sab	2:30	3.02	
		8:00	1.17	
		14:40	3.31	
		21:40	1.1	
23	Dom	3:50	2.96	
		9:20	1.27	
		16:00	3.33	
		23:10	1.21	
24	Seg	5:20	2.93	
		10:50	1.26	
		17:30	3.38	
25	Ter	0:30	1.11	
		6:40	3.11	
		12:20	1.1	
		18:50	3.54	
26	Qua	1:30	0.83	
		7:40	3.47	
		13:50	0.83	
		19:50	3.85	
27	Qui	2:20	0.55	
		8:30	3.86	
		14:30	0.52	
		20:40	4.17	
28	Sex	3:00	0.35	
		9:10	4.19	
		15:10	0.32	
		21:30	4.4	
29	Sab	3:40	0.23	
		9:50	4.4	
		16:00	0.15	
		22:10	4.5	
30	Dom	4:20	0.18	
		10:30	4.48	
		16:40	0.11	
		22:50	4.47	
31	Seg	4:50	0.27	
		11:00	4.45	
		17:20	0.16	
		23:30	4.3	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	5:30	0.35	
		11:40	4.3	
		18:00	0.28	
2	Qua	0:10	4.05	
		6:00	0.54	
		12:10	4.09	
		18:40	0.46	
3	Qui	0:50	3.74	
		6:40	0.72	
		12:50	3.81	
		19:30	0.65	
4	Sex	1:40	3.42	
		7:20	0.94	
		13:40	3.53	
		20:30	0.87	
5	Sab	2:40	3.16	
		8:20	1.13	
		14:40	3.33	
		21:50	1.13	
6	Dom	4:10	2.99	
		9:30	1.31	
		16:00	3.24	
		23:10	1.28	
7	Seg	5:40	2.95	
		11:10	1.41	
		17:30	3.21	
8	Ter	0:30	1.15	
		6:50	3.18	
		12:30	1.28	
		18:50	3.37	
9	Qua	1:30	0.87	
		7:40	3.51	
		13:30	1.01	
		19:40	3.64	
10	Qui	2:10	0.69	
		8:30	3.83	
		14:20	0.74	
		20:30	3.89	
11	Sex	2:50	0.55	
		9:00	4.04	
		15:00	0.56	
		21:10	4.05	
12	Sab	3:30	0.49	
		9:30	4.15	
		15:40	0.45	
		21:50	4.09	
13	Dom	4:00	0.51	
		10:00	4.17	
		16:20	0.4	
		22:20	4.04	
14	Seg	4:20	0.61	
		10:30	4.13	
		16:50	0.44	
		22:50	3.92	
15	Ter	4:40	0.73	
		10:50	4.08	
		17:20	0.53	
		23:20	3.76	
16	Qua	5:10	0.8	
		11:20	3.99	
		17:50	0.63	
		23:50	3.59	
17	Qui	5:30	0.89	
		11:50	3.88	
		18:30	0.72	
18	Sex	0:20	3.39	
		6:00	0.96	
		12:30	3.7	
		19:10	0.84	
19	Sab	1:10	3.17	
		6:40	1.07	
		13:10	3.5	
		20:00	0.95	
20	Dom	2:10	3.02	
		7:40	1.19	
		14:10	3.34	
		21:10	1.03	
21	Seg	3:20	2.99	
		9:00	1.25	
		15:40	3.37	
		22:40	1.09	
22	Ter	4:50	3.05	
		10:40	1.17	
		17:00	3.45	
		23:50	1.0	
23	Qua	6:10	3.24	
		12:00	0.99	
		18:20	3.59	
24	Qui	0:50	0.78	
		7:10	3.58	
		13:10	0.71	
		19:20	3.86	
25	Sex	1:40	0.54	
		8:00	3.96	
		14:00	0.45	
		20:20	4.14	
26	Sab	2:30	0.36	
		8:40	4.28	
		14:50	0.25	
		21:10	4.35	
27	Dom	3:10	0.28	
		9:20	4.49	
		15:40	0.13	
		21:50	4.43	
28	Seg	3:50	0.29	
		10:00	4.56	
		16:20	0.14	
		22:30	4.37	
29	Ter	4:30	0.36	
		10:40	4.49	
		17:00	0.23	
		23:10	4.19	
30	Qua	5:00	0.54	
		11:10	4.33	
		17:50	0.31	

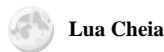
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC -3:00)  
 Dados de nível sem Georreferenciamento



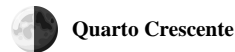
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

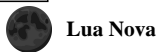
Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	0:00	3.89	
		5:40	0.69	
		11:50	4.07	
		18:30	0.5	
2	Sex	0:40	3.59	
		6:10	0.92	
		12:30	3.77	
		19:20	0.68	
3	Sab	1:30	3.29	
		7:00	1.06	
		13:20	3.48	
		20:20	0.88	
4	Dom	2:30	3.07	
		7:50	1.22	
		14:20	3.27	
		21:30	1.1	
5	Seg	3:50	2.96	
		9:10	1.3	
		15:30	3.19	
		22:40	1.25	
6	Ter	5:10	2.97	
		10:40	1.36	
		17:00	3.18	
		23:50	1.21	
7	Qua	6:10	3.16	
		12:00	1.29	
		18:10	3.28	
8	Qui	0:40	1.05	
		7:00	3.42	
		13:00	1.05	
		19:10	3.48	
9	Sex	1:30	0.87	
		7:40	3.69	
		13:50	0.81	
		20:00	3.68	
10	Sab	2:10	0.76	
		8:20	3.91	
		14:30	0.64	
		20:40	3.83	
11	Dom	2:40	0.71	
		8:50	4.05	
		15:10	0.54	
		21:20	3.89	
12	Seg	3:10	0.72	
		9:30	4.13	
		15:50	0.5	
		22:00	3.87	
13	Ter	3:40	0.77	
		9:50	4.15	
		16:30	0.51	
		22:30	3.79	
14	Qua	4:10	0.83	
		10:20	4.14	
		17:00	0.58	
		23:00	3.68	
15	Qui	4:40	0.89	
		10:50	4.08	
		17:30	0.68	
		23:30	3.54	
16	Sex	5:10	0.95	
		11:30	3.96	
		18:10	0.74	
		0:10	3.38	
		5:40	1.02	
		12:10	3.79	
		19:00	0.77	
18	Dom	1:00	3.22	
		6:30	1.08	
		13:00	3.6	
		19:50	0.82	
19	Seg	1:50	3.13	
		7:30	1.12	
		14:00	3.47	
		20:50	0.86	
20	Ter	3:00	3.15	
		8:50	1.09	
		15:10	3.48	
		22:00	0.89	
21	Qua	4:20	3.25	
		10:10	1.01	
		16:30	3.57	
		23:10	0.86	
22	Qui	5:30	3.42	
		11:30	0.88	
		17:50	3.64	
23	Sex	0:10	0.74	
		6:30	3.68	
		12:40	0.68	
		18:50	3.81	
24	Sab	1:10	0.59	
		7:20	3.98	
		13:40	0.46	
		19:50	4.01	
25	Dom	2:00	0.47	
		8:10	4.24	
		14:30	0.31	
		20:40	4.17	
26	Seg	2:40	0.43	
		9:00	4.41	
		15:20	0.23	
		21:30	4.24	
27	Ter	3:20	0.47	
		9:40	4.48	
		16:10	0.21	
		22:20	4.18	
28	Qua	4:00	0.57	
		10:20	4.42	
		16:50	0.3	
		23:00	4.03	
29	Qui	4:40	0.69	
		11:00	4.25	
		17:40	0.36	
		23:50	3.78	
30	Sex	5:20	0.83	
		11:40	4.02	
		18:20	0.51	
31	Sab	0:30	3.52	
		6:00	0.96	
		12:20	3.75	
		19:10	0.64	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	1:20	3.28	
		6:50	1.04	
		13:00	3.5	
		20:00	0.8	
2	Seg	2:10	3.12	
		7:40	1.12	
		14:00	3.32	
		21:00	0.97	
3	Ter	3:10	3.06	
		8:40	1.18	
		15:00	3.23	
		21:50	1.09	
4	Qua	4:20	3.06	
		10:00	1.21	
		16:10	3.22	
		22:50	1.17	
5	Qui	5:20	3.15	
		11:10	1.21	
		17:20	3.23	
		23:50	1.15	
6	Sex	6:10	3.31	
		12:20	1.12	
		18:20	3.3	
7	Sab	0:30	1.06	
		6:50	3.51	
		13:10	0.95	
		19:20	3.41	
8	Dom	1:20	0.97	
		7:40	3.71	
		14:00	0.81	
		20:10	3.54	
9	Seg	2:00	0.9	
		8:20	3.88	
		14:50	0.69	
		20:50	3.64	
10	Ter	2:30	0.89	
		8:50	4.01	
		15:30	0.63	
		21:30	3.68	
11	Qua	3:10	0.89	
		9:30	4.09	
		16:10	0.6	
		22:10	3.67	
12	Qui	3:40	0.93	
		10:00	4.13	
		16:50	0.59	
		22:50	3.61	
13	Sex	4:20	0.94	
		10:40	4.11	
		17:20	0.64	
		23:20	3.56	
14	Sab	4:50	0.99	
		11:20	4.03	
		18:00	0.64	
15	Dom	0:00	3.47	
		5:40	0.96	
		12:00	3.91	
		18:40	0.65	
16	Seg	0:50	3.39	
		6:30	0.93	
		12:50	3.77	
		19:30	0.64	
17	Ter	1:40	3.35	
		7:20	0.93	
		13:50	3.67	
		20:20	0.66	
18	Qua	2:40	3.38	
		8:30	0.87	
		14:50	3.64	
		21:20	0.7	
19	Qui	3:40	3.48	
		9:40	0.84	
		16:00	3.66	
		22:20	0.74	
20	Sex	4:50	3.57	
		11:00	0.81	
		17:10	3.66	
		23:30	0.75	
21	Sab	5:50	3.71	
		12:10	0.73	
		18:20	3.68	
		0:30	0.72	
22	Dom	6:50	3.88	
		13:20	0.61	
		19:30	3.77	
23	Seg	1:20	0.67	
		7:40	4.08	
		14:20	0.46	
		20:20	3.92	
24	Ter	2:10	0.65	
		8:30	4.23	
		15:10	0.36	
		21:20	4.02	
25	Qua	3:00	0.65	
		9:20	4.32	
		16:00	0.3	
		22:10	4.03	
26	Qui	3:50	0.66	
		10:10	4.3	
		16:50	0.28	
		22:50	3.96	
27	Sex	4:40	0.73	
		10:50	4.19	
		17:30	0.34	
		23:40	3.79	
28	Sab	5:10	0.8	
		11:30	4.02	
		18:10	0.44	
29	Dom	0:20	3.6	
		5:50	0.87	
		12:10	3.81	
		18:50	0.55	
30	Seg	1:00	3.42	
		6:30	0.93	
		12:50	3.6	
		19:30	0.68	

Simbologia das fases lunares:

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

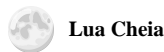
Dados de nível sem Georreferenciamento



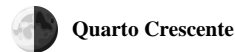
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

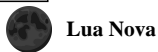
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	1:40	3.27	
		7:20	0.95	
		13:30	3.42	
		20:10	0.81	
2	Qua	2:30	3.19	
		8:10	0.99	
		14:20	3.3	
		21:00	0.93	
3	Qui	3:10	3.18	
		9:10	1.04	
		15:20	3.24	
		21:40	1.02	
4	Sex	4:10	3.21	
		10:20	1.11	
		16:20	3.2	
		22:40	1.11	
5	Sab	5:00	3.28	
		11:30	1.16	
		17:30	3.15	
		23:30	1.13	
6	Dom	6:00	3.37	
		12:30	1.11	
		18:40	3.14	
7	Seg	0:20	1.11	
		6:50	3.51	
		13:30	1.01	
		19:30	3.25	
8	Ter	1:10	1.07	
		7:40	3.68	
		14:20	0.88	
		20:30	3.4	
9	Qua	2:00	1.01	
		8:30	3.86	
		15:10	0.75	
		21:10	3.53	
10	Qui	2:50	0.95	
		9:10	4.01	
		15:50	0.65	
		21:50	3.64	
11	Sex	3:30	0.9	
		9:50	4.12	
		16:30	0.57	
		22:30	3.69	
12	Sab	4:10	0.86	
		10:30	4.17	
		17:10	0.5	
		23:10	3.71	
13	Dom	4:50	0.82	
		11:10	4.15	
		17:50	0.45	
		23:50	3.7	
14	Seg	5:30	0.78	
		11:50	4.09	
		18:30	0.42	
		0:30	3.68	
15	Ter	6:20	0.69	
		12:40	3.97	
		19:10	0.44	
16	Qua	1:10	3.66	
		7:10	0.66	
		13:30	3.85	
		19:50	0.5	
17	Qui	2:00	3.64	
		8:10	0.65	
		14:20	3.74	
		20:40	0.58	
18	Sex	3:00	3.64	
		9:10	0.72	
		15:30	3.67	
		21:40	0.7	
19	Sab	4:00	3.67	
		10:30	0.81	
		16:40	3.57	
		22:40	0.83	
20	Dom	5:10	3.67	
		11:40	0.87	
		17:50	3.49	
		23:50	0.91	
21	Seg	6:20	3.7	
		13:00	0.82	
		19:10	3.5	
22	Ter	0:50	0.91	
		7:20	3.83	
		14:00	0.66	
		20:10	3.68	
23	Qua	1:50	0.85	
		8:20	4.01	
		15:00	0.47	
		21:10	3.87	
24	Qui	2:50	0.75	
		9:10	4.16	
		15:50	0.33	
		22:00	3.99	
25	Sex	3:40	0.67	
		10:00	4.24	
		16:40	0.24	
		22:40	4.01	
26	Sab	4:20	0.65	
		10:40	4.21	
		17:20	0.25	
		23:20	3.94	
27	Dom	5:00	0.64	
		11:20	4.09	
		17:50	0.35	
28	Seg	0:00	3.79	
		5:40	0.66	
		12:00	3.92	
		18:30	0.44	
29	Ter	0:30	3.63	
		6:20	0.69	
		12:30	3.74	
		19:00	0.58	
30	Qua	1:00	3.48	
		7:00	0.74	
		13:10	3.54	
		19:30	0.72	
31	Qui	1:30	3.35	
		7:40	0.82	
		13:40	3.36	
		20:00	0.85	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	2:10	3.27	
		8:20	0.92	
		14:30	3.22	
		20:40	0.96	
2	Sab	3:00	3.25	
		9:20	1.02	
		15:30	3.12	
		21:20	1.09	
3	Dom	3:50	3.27	
		10:30	1.13	
		16:40	3.03	
		22:20	1.18	
4	Seg	5:00	3.31	
		11:50	1.23	
		17:50	2.98	
		23:30	1.22	
5	Ter	6:10	3.36	
		13:00	1.17	
		19:10	3.03	
6	Qua	0:40	1.19	
		7:10	3.51	
		14:00	0.99	
		20:10	3.25	
7	Qui	1:40	1.08	
		8:10	3.73	
		14:50	0.78	
		21:00	3.51	
8	Sex	2:30	0.93	
		9:00	3.97	
		15:40	0.56	
		21:40	3.73	
9	Sab	3:20	0.76	
		9:40	4.17	
		16:20	0.41	
		22:20	3.89	
10	Dom	4:00	0.65	
		10:20	4.28	
		16:50	0.35	
		22:50	3.99	
11	Seg	4:50	0.49	
		11:00	4.32	
		17:30	0.28	
		23:30	4.02	
12	Ter	5:30	0.43	
		11:40	4.27	
		18:00	0.32	
13	Qua	0:10	4.0	
		6:10	0.42	
		12:20	4.14	
		18:40	0.34	
14	Qui	0:40	3.94	
		6:50	0.48	
		13:10	3.96	
		19:20	0.44	
15	Sex	1:30	3.83	
		7:40	0.56	
		14:00	3.76	
		20:00	0.59	
16	Sab	2:20	3.72	
		8:40	0.68	
		15:00	3.57	
		21:00	0.76	
17	Dom	3:20	3.63	
		10:00	0.87	
		16:10	3.4	
		22:00	0.97	
18	Seg	4:30	3.56	
		11:20	1.04	
		17:30	3.25	
		23:20	1.12	
19	Ter	5:50	3.5	
		12:40	1.01	
		18:50	3.29	
20	Qua	0:30	1.12	
		7:00	3.6	
		13:50	0.77	
		20:00	3.54	
21	Qui	1:40	0.97	
		8:00	3.83	
		14:40	0.54	
		21:00	3.83	
22	Sex	2:40	0.76	
		9:00	4.07	
		15:30	0.35	
		21:40	4.05	
23	Sab	3:30	0.58	
		9:40	4.22	
		16:20	0.22	
		22:20	4.14	
24	Dom	4:10	0.49	
		10:20	4.26	
		16:50	0.26	
		23:00	4.11	
25	Seg	4:50	0.44	
		11:00	4.18	
		17:20	0.35	
		23:30	4.0	
26	Ter	5:20	0.49	
		11:30	4.02	
		17:50	0.47	
		23:50	3.84	
27	Qua	6:00	0.52	
		12:10	3.82	
		18:20	0.59	
28	Qui	0:20	3.69	
		6:30	0.63	
		12:40	3.61	
		18:40	0.75	
29	Sex	0:50	3.55	
		7:00	0.75	
		13:10	3.39	
		19:00	0.89	
30	Sab	1:20	3.42	
		7:40	0.87	
		13:50	3.19	
		19:40	0.99	
31	Dom	2:00	3.3	
		8:40	0.99	
		14:40	3.02	
		20:20	1.14	

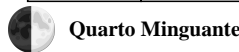
Simbologia das fases lunares:

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

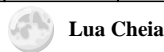
Dados de nível sem Georreferenciamento



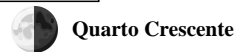
Lua Nova



Quarto Minguante



Lua Cheia

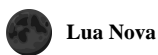


Quarto Crescente

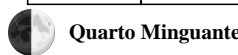
Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	2:50	3.23	
		9:50	1.14	
		15:50	2.93	
		21:20	1.27	
2	Ter	4:10	3.26	
		11:10	1.27	
		17:20	2.85	
		22:50	1.31	
3	Qua	5:30	3.29	
		12:30	1.24	
		18:40	2.94	
4	Qui	0:10	1.24	
		6:40	3.43	
		13:40	1.01	
		19:40	3.24	
5	Sex	1:20	1.05	
		7:50	3.68	
		14:30	0.72	
		20:30	3.6	
6	Sab	2:20	0.78	
		8:40	4.0	
		15:10	0.5	
		21:20	3.91	
7	Dom	3:10	0.54	
		9:30	4.24	
		15:50	0.32	
		21:50	4.14	
8	Seg	3:50	0.38	
		10:10	4.4	
		16:30	0.21	
		22:30	4.28	
9	Ter	4:30	0.29	
		10:50	4.43	
		17:00	0.23	
		23:00	4.33	
10	Qua	5:10	0.26	
		11:30	4.35	
		17:30	0.3	
		23:40	4.27	
11	Qui	5:50	0.3	
		12:00	4.2	
		18:10	0.37	
12	Sex	0:20	4.13	
		6:40	0.35	
		12:50	3.94	
		18:40	0.54	
13	Sab	1:00	3.94	
		7:20	0.54	
		13:30	3.66	
		19:30	0.69	
14	Dom	1:40	3.71	
		8:20	0.72	
		14:30	3.41	
		20:20	0.91	
15	Seg	2:40	3.53	
		9:30	0.95	
		15:50	3.2	
		21:20	1.13	
16	Ter	4:00	3.41	
		11:00	1.17	
		17:20	3.06	
		22:50	1.27	
17	Qua	5:20	3.34	
		12:20	1.12	
		18:40	3.17	
18	Qui	0:20	1.24	
		6:40	3.44	
		13:30	0.84	
		19:40	3.49	
19	Sex	1:30	1.0	
		7:50	3.71	
		14:20	0.58	
		20:30	3.83	
20	Sab	2:20	0.74	
		8:40	4.0	
		15:10	0.38	
		21:20	4.09	
21	Dom	3:10	0.52	
		9:20	4.18	
		15:40	0.35	
		21:50	4.22	
22	Seg	3:50	0.4	
		10:00	4.24	
		16:20	0.33	
		22:20	4.23	
23	Ter	4:30	0.35	
		10:40	4.17	
		16:50	0.42	
		22:50	4.14	
24	Qua	5:00	0.4	
		11:10	4.02	
		17:10	0.58	
		23:20	4.0	
25	Qui	5:30	0.49	
		11:40	3.82	
		17:30	0.73	
		23:40	3.87	
26	Sex	6:00	0.61	
		12:10	3.6	
		17:50	0.86	
27	Sab	0:00	3.74	
		6:30	0.75	
		12:40	3.38	
		18:20	0.94	
28	Dom	0:40	3.58	
		7:10	0.87	
		13:10	3.15	
		18:50	1.05	
29	Seg	1:20	3.4	
		8:00	0.99	
		14:00	2.95	
		19:40	1.19	
30	Ter	2:10	3.25	
		9:10	1.11	
		15:10	2.87	
		20:40	1.34	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	3:30	3.24	
		10:40	1.23	
		16:50	2.86	
		22:20	1.32	
2	Qui	5:00	3.29	
		12:00	1.2	
		18:10	2.99	
		23:50	1.19	
3	Sex	6:20	3.41	
		13:00	0.96	
		19:20	3.32	
4	Sab	1:00	0.94	
		7:20	3.7	
		13:50	0.69	
		20:00	3.72	
5	Dom	2:00	0.64	
		8:20	4.02	
		14:40	0.44	
		20:50	4.07	
6	Seg	2:50	0.38	
		9:00	4.29	
		15:20	0.29	
		21:30	4.33	
7	Ter	3:40	0.19	
		9:50	4.43	
		16:00	0.22	
		22:00	4.48	
8	Qua	4:20	0.13	
		10:30	4.45	
		16:30	0.27	
		22:40	4.5	
9	Qui	5:00	0.15	
		11:10	4.34	
		17:10	0.34	
		23:10	4.42	
10	Sex	5:40	0.24	
		11:50	4.12	
		17:40	0.5	
		23:50	4.22	
11	Sab	6:20	0.4	
		12:30	3.83	
		18:20	0.66	
12	Dom	0:30	3.96	
		7:10	0.56	
		13:20	3.52	
		19:00	0.86	
13	Seg	1:20	3.67	
		8:00	0.78	
		14:20	3.25	
		19:50	1.06	
14	Ter	2:10	3.42	
		9:10	0.99	
		15:30	3.08	
		21:00	1.22	
15	Qua	3:30	3.3	
		10:40	1.2	
		17:00	3.01	
		22:30	1.32	
16	Qui	5:00	3.25	
		12:00	1.16	
		18:20	3.15	
17	Sex	0:00	1.28	
		6:20	3.34	
		13:00	0.93	
		19:20	3.46	
18	Sab	1:10	1.02	
		7:20	3.59	
		13:50	0.7	
		20:00	3.79	
19	Dom	2:00	0.75	
		8:10	3.85	
		14:30	0.56	
		20:40	4.04	
20	Seg	2:50	0.53	
		9:00	4.04	
		15:10	0.49	
		21:20	4.19	
21	Ter	3:30	0.41	
		9:40	4.1	
		15:40	0.53	
		21:50	4.23	
22	Qua	4:00	0.41	
		10:10	4.05	
		16:10	0.6	
		22:20	4.18	
23	Qui	4:40	0.42	
		10:40	3.92	
		16:30	0.74	
		22:40	4.09	
24	Sex	5:10	0.52	
		11:10	3.74	
		16:50	0.87	
		23:10	3.98	
25	Sab	5:40	0.64	
		11:40	3.55	
		17:20	0.94	
		23:30	3.87	
26	Dom	6:10	0.77	
		12:10	3.35	
		17:40	1.03	
27	Seg	0:10	3.7	
		6:50	0.87	
		12:50	3.14	
		18:20	1.11	
28	Ter	0:50	3.5	
		7:40	0.95	
		13:40	2.98	
		19:10	1.22	
29	Qua	1:50	3.33	
		8:50	1.01	
		14:50	2.94	
		20:20	1.3	
30	Qui	3:00	3.3	
		10:00	1.07	
		16:20	3.0	
		22:00	1.21	
31	Sex	4:30	3.38	
		11:20	1.05	
		17:40	3.14	
		23:30	1.06	

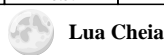
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



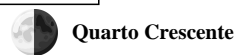
Lua Nova



Quarto Minguante



Lua Cheia

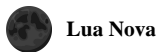


Quarto Crescente

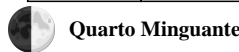
Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	5:50	3.49	
		12:20	0.87	
		18:40	3.45	
2	Dom	0:40	0.82	
		6:50	3.72	
		13:20	0.65	
		19:30	3.81	
3	Seg	1:40	0.55	
		7:50	3.98	
		14:00	0.47	
		20:20	4.14	
4	Ter	2:30	0.33	
		8:40	4.21	
		14:50	0.34	
		21:00	4.39	
5	Qua	3:20	0.19	
		9:30	4.34	
		15:30	0.32	
		21:40	4.52	
6	Qui	4:00	0.16	
		10:10	4.34	
		16:00	0.41	
		22:20	4.52	
7	Sex	4:40	0.22	
		10:50	4.22	
		16:40	0.52	
		22:50	4.42	
8	Sab	5:30	0.28	
		11:30	3.99	
		17:20	0.65	
		23:30	4.2	
9	Dom	6:10	0.44	
		12:20	3.7	
		18:00	0.81	
10	Seg	0:10	3.92	
		7:00	0.58	
		13:10	3.41	
		18:40	0.98	
11	Ter	1:00	3.63	
		7:50	0.76	
		14:10	3.19	
		19:30	1.13	
12	Qua	2:00	3.4	
		9:00	0.94	
		15:20	3.06	
		20:40	1.2	
13	Qui	3:10	3.29	
		10:10	1.12	
		16:30	3.06	
		22:10	1.26	
14	Sex	4:30	3.25	
		11:20	1.17	
		17:40	3.17	
		23:30	1.25	
15	Sab	5:40	3.3	
		12:10	1.07	
		18:30	3.4	
16	Dom	0:40	1.08	
		6:40	3.44	
		13:00	0.93	
		19:20	3.65	
17	Seg	1:30	0.85	
		7:40	3.63	
		13:50	0.8	
		20:00	3.87	
18	Ter	2:20	0.67	
		8:20	3.77	
		14:20	0.76	
		20:40	4.03	
19	Qua	3:00	0.56	
		9:10	3.85	
		15:00	0.75	
		21:10	4.1	
20	Qui	3:40	0.52	
		9:40	3.84	
		15:30	0.8	
		21:40	4.12	
21	Sex	4:20	0.53	
		10:20	3.75	
		16:00	0.87	
		22:10	4.09	
22	Sab	4:50	0.6	
		10:50	3.63	
		16:20	0.98	
		22:40	4.03	
23	Dom	5:20	0.7	
		11:20	3.49	
		16:50	1.03	
		23:10	3.94	
24	Seg	6:00	0.74	
		12:00	3.34	
		17:30	1.06	
		23:50	3.8	
25	Ter	6:40	0.79	
		12:40	3.21	
		18:10	1.1	
		0:40	3.62	
		7:30	0.81	
		13:30	3.12	
		19:00	1.14	
27	Qui	8:20	0.84	
		14:30	3.13	
		20:10	1.12	
28	Sex	2:40	3.46	
		9:30	0.85	
		15:40	3.23	
		21:30	1.03	
29	Sab	4:00	3.53	
		10:30	0.85	
		16:50	3.39	
		23:00	0.91	
30	Dom	5:10	3.6	
		11:40	0.8	
		18:00	3.57	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	0:10	0.77	
		6:20	3.7	
		12:30	0.68	
		18:50	3.84	
2	Ter	1:10	0.58	
		7:20	3.86	
		13:20	0.57	
		19:40	4.11	
3	Qua	2:10	0.41	
		8:20	4.02	
		14:10	0.51	
		20:30	4.31	
4	Qui	3:00	0.3	
		9:10	4.14	
		15:00	0.5	
		21:10	4.44	
5	Sex	3:50	0.25	
		10:00	4.15	
		15:40	0.56	
		22:00	4.44	
6	Sab	4:30	0.29	
		10:40	4.07	
		16:20	0.66	
		22:40	4.34	
7	Dom	5:20	0.32	
		11:30	3.88	
		17:00	0.78	
		23:20	4.15	
8	Seg	6:10	0.39	
		12:10	3.66	
		17:50	0.83	
9	Ter	0:00	3.91	
		6:50	0.53	
		13:00	3.44	
		18:30	0.95	
10	Qua	0:50	3.66	
		7:40	0.66	
		13:50	3.27	
		19:20	1.01	
11	Qui	1:40	3.46	
		8:30	0.81	
		14:50	3.17	
		20:20	1.05	
12	Sex	2:40	3.35	
		9:30	0.98	
		15:50	3.16	
		21:30	1.1	
13	Sab	3:40	3.3	
		10:20	1.08	
		16:40	3.22	
		22:40	1.15	
14	Dom	4:50	3.27	
		11:20	1.14	
		17:40	3.31	
		23:50	1.13	
15	Seg	6:00	3.27	
		12:10	1.1	
		18:30	3.46	
16	Ter	0:50	1.02	
		7:00	3.34	
		13:00	1.04	
		19:20	3.63	
17	Qua	1:50	0.88	
		7:50	3.45	
		13:40	0.98	
		20:00	3.79	
18	Qui	2:30	0.78	
		8:40	3.55	
		14:20	0.95	
		20:40	3.92	
19	Sex	3:20	0.69	
		9:20	3.6	
		15:00	0.94	
		21:20	4.0	
20	Sab	4:00	0.65	
		10:00	3.61	
		15:30	0.98	
		21:50	4.05	
21	Dom	4:40	0.62	
		10:40	3.57	
		16:10	0.98	
		22:30	4.04	
22	Seg	5:10	0.64	
		11:10	3.52	
		16:40	1.01	
		23:00	4.01	
23	Ter	5:50	0.63	
		11:50	3.46	
		17:20	0.99	
		23:40	3.92	
24	Qua	6:30	0.61	
		12:30	3.41	
		18:10	0.93	
25	Qui	0:30	3.8	
		7:10	0.61	
		13:10	3.39	
		19:00	0.89	
26	Sex	1:20	3.7	
		8:00	0.61	
		14:00	3.4	
		20:00	0.84	
27	Sab	2:20	3.65	
		8:50	0.65	
		15:00	3.47	
		21:10	0.8	
28	Dom	3:20	3.64	
		9:50	0.7	
		16:10	3.57	
		22:20	0.8	
29	Seg	4:30	3.65	
		10:50	0.75	
		17:10	3.68	
		23:40	0.8	
30	Ter	5:50	3.6	
		11:50	0.76	
		18:10	3.81	
31	Qua	0:40	0.71	
		6:50	3.66	
		12:50	0.74	
		20:20	3.66	

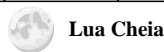
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



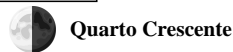
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente