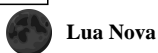


Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	1:50	1.66	
		10:10	4.5	
		15:50	1.02	
		22:00	4.74	
2	Qui	4:40	0.43	
		11:00	4.51	
		16:40	0.98	
		22:40	4.72	
3	Sex	5:20	0.47	
		11:40	4.48	
		17:20	1.03	
		23:30	4.68	
4	Sab	6:10	0.55	
		12:20	4.42	
		18:10	1.06	
		0:20	4.59	
5	Dom	6:50	0.73	
		13:10	4.35	
		19:10	1.1	
		1:20	4.47	
		7:40	0.92	
		14:00	4.27	
		20:10	1.2	
7	Ter	2:20	4.32	
		8:40	1.12	
		14:50	4.23	
		21:20	1.27	
8	Qua	3:30	4.21	
		9:40	1.28	
		15:50	4.24	
		22:30	1.24	
9	Qui	4:50	4.21	
		10:40	1.35	
		17:00	4.32	
		23:40	1.09	
10	Sex	6:00	4.29	
		11:40	1.33	
		18:00	4.43	
		0:40	0.87	
		7:10	4.41	
		12:50	1.22	
		19:00	4.55	
12	Dom	1:40	0.65	
		8:10	4.53	
		13:50	1.11	
		19:50	4.63	
		2:40	0.45	
13	Seg	9:00	4.63	
		14:40	1.03	
		20:40	4.68	
		3:30	0.36	
14	Ter	9:50	4.68	
		15:30	0.98	
		21:30	4.69	
		4:10	0.4	
15	Qua	10:30	4.65	
		16:10	1.0	
		22:20	4.66	
16	Qui	4:50	0.52	
		11:10	4.54	
		16:50	1.07	
		23:00	4.54	
17	Sex	5:30	0.71	
		11:50	4.39	
		17:30	1.16	
		23:30	4.39	
18	Sab	6:00	0.93	
		12:20	4.23	
		18:10	1.27	
19	Dom	0:10	4.25	
		6:30	1.12	
		12:50	4.1	
		18:40	1.36	
20	Seg	0:40	4.12	
		7:00	1.27	
		13:10	4.03	
		19:20	1.43	
21	Ter	1:20	4.0	
		7:20	1.4	
		13:40	4.0	
		20:00	1.5	
22	Qua	2:00	3.89	
		8:00	1.5	
		14:20	3.99	
		20:50	1.56	
23	Qui	3:00	3.79	
		8:40	1.62	
		15:10	4.0	
		21:50	1.6	
24	Sex	4:00	3.74	
		9:40	1.69	
		16:10	4.05	
		23:00	1.55	
25	Sab	5:10	3.78	
		10:50	1.67	
		17:10	4.15	
		0:00	1.38	
		6:30	3.91	
		12:00	1.56	
		18:10	4.3	
27	Seg	1:10	1.12	
		7:30	4.1	
		13:00	1.39	
		19:10	4.46	
28	Ter	2:00	0.84	
		8:20	4.31	
		14:00	1.18	
		20:10	4.63	
29	Qua	2:50	0.58	
		9:10	4.49	
		14:50	0.99	
		21:00	4.77	
30	Qui	3:40	0.37	
		10:00	4.64	
		15:40	0.83	
		21:50	4.89	
31	Sex	4:20	0.29	
		10:40	4.71	
		16:30	0.7	
		22:40	4.95	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	5:10	0.27	
		11:20	4.72	
		17:20	0.65	
		23:30	4.93	
2	Dom	5:50	0.38	
		12:00	4.67	
		18:00	0.72	
3	Seg	0:20	4.81	
		6:30	0.59	
		12:40	4.57	
		18:50	0.83	
4	Ter	1:10	4.62	
		7:10	0.85	
		13:30	4.44	
		19:50	1.01	
5	Qua	2:00	4.37	
		8:00	1.13	
		14:20	4.29	
		20:50	1.22	
6	Qui	3:10	4.13	
		9:00	1.41	
		15:10	4.16	
		22:00	1.35	
7	Sex	4:20	4.0	
		10:00	1.61	
		16:20	4.1	
		23:10	1.33	
8	Sab	5:40	4.03	
		11:10	1.65	
		17:30	4.15	
9	Dom	0:20	1.14	
		6:50	4.15	
		12:30	1.53	
		18:40	4.28	
10	Seg	1:30	0.87	
		7:50	4.32	
		13:30	1.35	
		19:40	4.44	
11	Ter	2:20	0.67	
		8:40	4.5	
		14:30	1.14	
		20:30	4.58	
12	Qua	3:10	0.52	
		9:30	4.62	
		15:10	1.0	
		21:20	4.68	
13	Qui	3:50	0.49	
		10:10	4.67	
		16:00	0.9	
		22:00	4.69	
14	Sex	4:30	0.55	
		10:40	4.62	
		16:30	0.9	
		22:40	4.64	
15	Sab	5:00	0.68	
		11:10	4.53	
		17:10	0.93	
		23:10	4.53	
16	Dom	5:30	0.83	
		11:40	4.41	
		17:40	1.0	
		23:40	4.41	
17	Seg	5:50	0.97	
		12:00	4.33	
		18:10	1.07	
18	Ter	0:10	4.29	
		6:10	1.12	
		12:20	4.27	
		18:40	1.15	
19	Qua	0:40	4.17	
		6:40	1.25	
		12:50	4.22	
		19:10	1.25	
20	Qui	1:20	4.03	
		7:10	1.41	
		13:30	4.16	
		20:00	1.36	
21	Sex	2:10	3.87	
		7:50	1.57	
		14:10	4.07	
		21:00	1.5	
22	Sab	3:20	3.72	
		8:50	1.73	
		15:20	4.01	
		22:10	1.58	
23	Dom	4:40	3.68	
		10:10	1.8	
		16:30	4.03	
		23:30	1.47	
24	Seg	6:00	3.83	
		11:30	1.68	
		17:50	4.18	
25	Ter	0:40	1.19	
		7:10	4.08	
		12:50	1.4	
		19:00	4.42	
26	Qua	1:40	0.84	
		8:00	4.37	
		13:50	1.08	
		20:00	4.68	
27	Qui	2:40	0.5	
		8:50	4.64	
		14:50	0.75	
		21:00	4.94	
28	Sex	3:20	0.27	
		9:40	4.84	
		15:30	0.53	
		21:50	5.11	

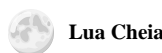
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



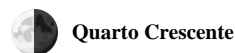
Lua Nova



Quarto Minguante



Lua Cheia

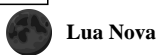


Quarto Crescente

Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	4:10	0.14	
		10:20	4.94	
		16:20	0.37	
		22:30	5.15	
2	Dom	4:50	0.16	
		11:00	4.94	
		17:00	0.37	
		23:20	5.1	
3	Seg	5:30	0.31	
		11:30	4.84	
		17:50	0.44	
4	Ter	0:00	4.91	
		6:10	0.56	
		12:10	4.7	
		18:30	0.65	
5	Qua	0:50	4.64	
		6:50	0.88	
		12:50	4.5	
		19:20	0.92	
6	Qui	1:40	4.32	
		7:30	1.23	
		13:40	4.28	
		20:20	1.23	
7	Sex	2:50	3.98	
		8:20	1.57	
		14:30	4.05	
		21:30	1.5	
8	Sab	4:00	3.79	
		9:30	1.83	
		15:40	3.88	
		22:50	1.54	
9	Dom	5:20	3.82	
		10:50	1.91	
		17:00	3.88	
10	Seg	0:10	1.35	
		6:40	3.97	
		12:10	1.74	
		18:20	4.06	
11	Ter	1:10	1.1	
		7:30	4.2	
		13:20	1.46	
		19:20	4.28	
12	Qua	2:00	0.87	
		8:20	4.42	
		14:10	1.18	
		20:20	4.5	
13	Qui	2:40	0.72	
		9:00	4.59	
		14:50	0.96	
		21:00	4.64	
14	Sex	3:20	0.64	
		9:30	4.67	
		15:30	0.82	
		21:40	4.7	
15	Sab	3:50	0.65	
		10:00	4.67	
		16:10	0.74	
		22:20	4.69	
16	Dom	4:20	0.71	
		10:30	4.63	
		16:40	0.74	
		22:50	4.62	
17	Seg	4:50	0.8	
		10:50	4.55	
		17:10	0.78	
		23:10	4.51	
18	Ter	5:10	0.93	
		11:10	4.48	
		17:30	0.87	
		23:40	4.39	
19	Qua	5:30	1.09	
		11:40	4.43	
		18:00	0.98	
20	Qui	0:10	4.25	
		6:00	1.23	
		12:10	4.36	
		18:40	1.09	
21	Sex	0:50	4.09	
		6:30	1.42	
		12:40	4.25	
		19:20	1.25	
22	Sab	1:40	3.9	
		7:20	1.58	
		13:30	4.11	
		20:20	1.43	
23	Dom	2:50	3.71	
		8:20	1.77	
		14:40	3.97	
		21:40	1.57	
24	Seg	4:10	3.66	
		9:50	1.84	
		16:00	3.95	
		23:00	1.49	
25	Ter	5:40	3.85	
		11:20	1.67	
		17:50	4.14	
26	Qua	0:20	1.17	
		6:40	4.17	
		12:40	1.31	
		18:50	4.46	
27	Qui	1:20	0.8	
		7:40	4.51	
		13:40	0.9	
		19:50	4.79	
28	Sex	2:10	0.48	
		8:30	4.8	
		14:30	0.53	
		20:40	5.05	
29	Sab	3:00	0.24	
		9:10	5.0	
		15:20	0.25	
		21:30	5.22	
30	Dom	3:40	0.16	
		9:50	5.09	
		16:00	0.15	
		22:20	5.25	
31	Seg	4:20	0.22	
		10:30	5.06	
		16:50	0.14	
		23:10	5.14	

Dia	Abriu	Hora	Altura (m)	Fase Lunar
1	Ter	5:00	0.4	
		11:10	4.93	
		17:30	0.31	
		23:50	4.89	
2	Qua	5:40	0.69	
		11:40	4.72	
		18:20	0.57	
3	Qui	0:40	4.56	
		6:20	1.02	
		12:20	4.47	
		19:00	0.92	
4	Sex	1:30	4.19	
		7:00	1.38	
		13:10	4.2	
		20:00	1.29	
5	Sab	2:30	3.85	
		8:00	1.71	
		14:00	3.93	
		21:10	1.6	
6	Dom	3:40	3.66	
		9:10	1.99	
		15:20	3.72	
		22:20	1.71	
7	Seg	5:00	3.71	
		10:40	2.05	
		16:40	3.71	
		23:40	1.56	
8	Ter	6:10	3.9	
		11:50	1.85	
		18:00	3.92	
9	Qua	0:40	1.33	
		7:00	4.13	
		12:50	1.53	
		19:00	4.15	
10	Qui	1:30	1.12	
		7:40	4.35	
		13:40	1.22	
		19:50	4.37	
11	Sex	2:10	0.96	
		8:20	4.52	
		14:20	0.98	
		20:30	4.53	
12	Sab	2:40	0.86	
		8:50	4.63	
		15:00	0.79	
		21:10	4.62	
13	Dom	3:10	0.81	
		9:20	4.67	
		15:40	0.68	
		21:50	4.64	
14	Seg	3:40	0.81	
		9:40	4.66	
		16:10	0.65	
		22:20	4.59	
15	Ter	4:10	0.86	
		10:10	4.63	
		16:40	0.67	
		22:50	4.51	
16	Qua	4:30	0.99	
		10:30	4.57	
		17:00	0.77	
		23:20	4.39	
17	Qui	5:00	1.12	
		11:00	4.51	
		17:40	0.85	
		23:50	4.25	
18	Sex	5:30	1.29	
		11:30	4.4	
		18:10	1.01	
19	Sab	0:30	4.09	
		6:10	1.45	
		12:20	4.29	
		19:00	1.16	
20	Dom	1:20	3.91	
		7:00	1.61	
		13:10	4.12	
		20:00	1.35	
21	Seg	2:30	3.76	
		8:10	1.75	
		14:20	3.98	
		21:20	1.48	
22	Ter	3:50	3.74	
		9:40	1.77	
		15:50	3.98	
		22:40	1.41	
23	Qua	5:10	3.96	
		11:10	1.55	
		17:20	4.2	
		23:50	1.14	
24	Qui	6:10	4.29	
		12:20	1.17	
		18:30	4.52	
25	Sex	0:50	0.81	
		7:10	4.62	
		13:20	0.74	
		19:30	4.83	
26	Sab	1:40	0.54	
		7:50	4.88	
		14:10	0.39	
		20:30	5.08	
27	Dom	2:30	0.35	
		8:40	5.06	
		15:00	0.14	
		21:20	5.2	
28	Seg	3:20	0.28	
		9:20	5.11	
		15:50	0.02	
		22:10	5.19	
29	Ter	4:00	0.37	
		10:00	5.04	
		16:30	0.1	
		22:50	5.03	
30	Qua	4:40	0.57	
		10:40	4.89	
		17:20	0.27	
		23:40	4.78	

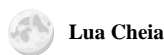
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



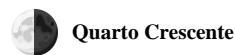
Lua Nova



Quarto Minguante



Lua Cheia

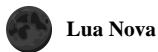


Quarto Crescente

Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	5:20	0.86	
		11:20	4.66	
		18:00	0.58	
2	Sex	0:30	4.44	
		6:00	1.18	
		12:00	4.4	
		18:50	0.93	
3	Sab	1:20	4.09	
		6:50	1.49	
		12:50	4.13	
		19:40	1.3	
4	Dom	2:20	3.8	
		7:40	1.78	
		13:40	3.87	
		20:40	1.62	
5	Seg	3:20	3.65	
		8:50	2.01	
		14:50	3.66	
		21:50	1.78	
6	Ter	4:30	3.68	
		10:10	2.07	
		16:10	3.63	
		22:50	1.75	
7	Qua	5:20	3.83	
		11:20	1.89	
		17:30	3.79	
		23:50	1.6	
8	Qui	6:10	4.03	
		12:20	1.61	
		18:30	4.0	
9	Sex	0:40	1.42	
		6:50	4.23	
		13:10	1.32	
		19:20	4.19	
10	Sab	1:20	1.25	
		7:30	4.4	
		13:50	1.07	
		20:00	4.35	
11	Dom	1:50	1.12	
		8:00	4.53	
		14:30	0.86	
		20:40	4.46	
12	Seg	2:30	1.01	
		8:30	4.61	
		15:00	0.73	
		21:20	4.5	
13	Ter	3:00	0.97	
		9:00	4.65	
		15:40	0.65	
		21:50	4.5	
14	Qua	3:30	1.0	
		9:30	4.65	
		16:10	0.64	
		22:30	4.44	
15	Qui	4:00	1.09	
		10:00	4.6	
		16:40	0.71	
		23:00	4.35	
16	Sex	4:30	1.23	
		10:40	4.54	
		17:20	0.79	
		23:40	4.24	
17	Sab	5:10	1.34	
		11:20	4.44	
		18:00	0.91	
18	Dom	0:20	4.11	
		5:50	1.48	
		12:00	4.31	
		18:50	1.04	
19	Seg	1:10	3.99	
		6:50	1.55	
		13:00	4.19	
		19:50	1.19	
20	Ter	2:10	3.9	
		8:00	1.61	
		14:10	4.08	
		20:50	1.32	
21	Qua	3:20	3.92	
		9:20	1.6	
		15:30	4.08	
		22:10	1.3	
22	Qui	4:30	4.1	
		10:40	1.41	
		17:00	4.26	
		23:10	1.15	
23	Sex	5:40	4.38	
		11:50	1.08	
		18:10	4.52	
24	Sab	0:20	0.9	
		6:30	4.64	
		13:00	0.69	
		19:10	4.76	
25	Dom	1:10	0.71	
		7:20	4.86	
		13:50	0.39	
		20:10	4.94	
26	Seg	2:00	0.59	
		8:10	4.99	
		14:40	0.18	
		21:00	5.03	
27	Ter	2:50	0.55	
		9:00	5.03	
		15:30	0.09	
		21:50	5.01	
28	Qua	3:40	0.61	
		9:40	4.95	
		16:20	0.13	
		22:40	4.89	
29	Qui	4:20	0.77	
		10:20	4.8	
		17:10	0.3	
		23:30	4.67	
30	Sex	5:00	1.0	
		11:10	4.61	
		17:50	0.58	
31	Sab	0:20	4.39	
		5:50	1.23	
		11:50	4.37	
		18:40	0.91	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	1:00	4.12	
		6:40	1.48	
		12:30	4.13	
		19:20	1.24	
2	Seg	1:50	3.88	
		7:30	1.71	
		13:20	3.91	
		20:10	1.53	
3	Ter	2:40	3.73	
		8:30	1.9	
		14:20	3.73	
		21:00	1.73	
4	Qua	3:30	3.69	
		9:30	1.98	
		15:30	3.64	
		21:50	1.81	
5	Qui	4:20	3.77	
		10:40	1.91	
		16:40	3.68	
		22:50	1.78	
6	Sex	5:10	3.91	
		11:30	1.72	
		17:40	3.81	
		23:30	1.66	
7	Sab	5:50	4.08	
		12:20	1.48	
		18:30	3.97	
8	Dom	0:20	1.5	
		6:30	4.26	
		13:10	1.24	
		19:20	4.12	
9	Seg	1:00	1.35	
		7:10	4.41	
		13:50	1.02	
		20:10	4.24	
10	Ter	1:40	1.24	
		7:50	4.53	
		14:30	0.84	
		20:50	4.34	
11	Qua	2:20	1.16	
		8:30	4.6	
		15:10	0.71	
		21:30	4.38	
12	Qui	3:00	1.13	
		9:10	4.63	
		15:50	0.64	
		22:10	4.39	
13	Sex	3:40	1.15	
		9:50	4.62	
		16:30	0.62	
		22:50	4.36	
14	Sab	4:20	1.2	
		10:30	4.58	
		17:10	0.66	
		23:30	4.3	
15	Dom	5:00	1.27	
		11:10	4.51	
		17:50	0.75	
		0:10	4.24	
16	Seg	5:50	1.3	
		12:00	4.44	
		18:40	0.85	
		1:00	4.18	
		6:50	1.31	
		13:00	4.36	
		19:30	0.99	
18	Qua	1:50	4.13	
		7:50	1.36	
		14:00	4.26	
		20:30	1.13	
19	Qui	2:50	4.13	
		9:00	1.38	
		15:10	4.2	
		21:30	1.22	
20	Sex	3:50	4.2	
		10:20	1.29	
		16:30	4.26	
		22:40	1.2	
21	Sab	5:00	4.37	
		11:30	1.07	
		17:40	4.4	
		23:40	1.11	
22	Dom	6:00	4.55	
		12:30	0.8	
		18:50	4.57	
23	Seg	0:40	0.99	
		6:50	4.7	
		13:30	0.54	
		19:50	4.71	
24	Ter	1:40	0.88	
		7:50	4.82	
		14:30	0.31	
		20:50	4.8	
25	Qua	2:30	0.83	
		8:40	4.87	
		15:20	0.2	
		21:40	4.83	
26	Qui	3:20	0.82	
		9:30	4.85	
		16:10	0.2	
		22:30	4.78	
27	Sex	4:10	0.88	
		10:10	4.76	
		16:50	0.34	
		23:20	4.64	
28	Sab	4:50	1.01	
		11:00	4.63	
		17:40	0.55	
29	Dom	0:00	4.45	
		5:40	1.16	
		11:40	4.44	
		18:20	0.84	
30	Seg	0:40	4.24	
		6:20	1.33	
		12:20	4.24	
		19:00	1.13	

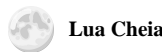
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



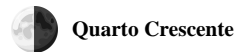
Lua Nova



Quarto Minguante



Lua Cheia

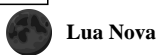


Quarto Crescente

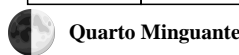
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	1:20	4.04	
		7:00	1.5	
		13:00	4.05	
		19:30	1.37	
2	Qua	1:50	3.9	
		7:50	1.65	
		13:50	3.88	
		20:10	1.56	
3	Qui	2:30	3.82	
		8:40	1.75	
		14:40	3.75	
		20:50	1.69	
4	Sex	3:10	3.82	
		9:30	1.79	
		15:40	3.67	
		21:30	1.75	
5	Sab	3:50	3.87	
		10:30	1.75	
		16:40	3.69	
		22:20	1.75	
6	Dom	4:40	3.98	
		11:30	1.62	
		17:40	3.78	
		23:20	1.68	
7	Seg	5:40	4.13	
		12:20	1.42	
		18:40	3.91	
8	Ter	0:10	1.56	
		6:30	4.28	
		13:20	1.19	
		19:40	4.05	
9	Qua	1:10	1.41	
		7:20	4.41	
		14:10	0.96	
		20:30	4.2	
10	Qui	2:00	1.28	
		8:10	4.53	
		14:50	0.76	
		21:10	4.33	
11	Sex	2:50	1.15	
		8:50	4.61	
		15:30	0.61	
		21:50	4.42	
12	Sab	3:30	1.08	
		9:40	4.69	
		16:20	0.49	
		22:40	4.48	
13	Dom	4:20	0.99	
		10:20	4.71	
		17:00	0.47	
		23:20	4.5	
14	Seg	5:00	0.98	
		11:10	4.72	
		17:40	0.52	
15	Ter	0:00	4.48	
		5:50	0.96	
		12:00	4.68	
		18:20	0.65	
16	Qua	0:40	4.43	
		6:40	1.0	
		12:50	4.57	
		19:10	0.8	
17	Qui	1:30	4.37	
		7:40	1.07	
		13:50	4.43	
		20:00	1.01	
18	Sex	2:20	4.3	
		8:40	1.19	
		14:50	4.26	
		21:00	1.21	
19	Sab	3:10	4.26	
		9:50	1.25	
		16:00	4.17	
		22:00	1.36	
20	Dom	4:20	4.27	
		11:00	1.19	
		17:20	4.2	
		23:10	1.38	
21	Seg	5:20	4.35	
		12:10	1.0	
		18:30	4.32	
22	Ter	0:10	1.32	
		6:30	4.47	
		13:20	0.73	
		19:40	4.46	
23	Qua	1:20	1.17	
		7:30	4.6	
		14:10	0.52	
		20:40	4.6	
24	Qui	2:20	1.03	
		8:20	4.7	
		15:10	0.33	
		21:30	4.72	
25	Sex	3:10	0.92	
		9:20	4.79	
		15:50	0.3	
		22:10	4.75	
26	Sab	4:00	0.86	
		10:00	4.78	
		16:40	0.35	
		23:00	4.7	
27	Dom	4:40	0.89	
		10:50	4.72	
		17:20	0.52	
		23:30	4.57	
28	Seg	5:20	0.98	
		11:30	4.58	
		17:50	0.75	
29	Ter	0:10	4.4	
		6:00	1.1	
		12:00	4.39	
		18:20	0.99	
30	Qua	0:30	4.23	
		6:30	1.23	
		12:40	4.21	
		18:50	1.2	
31	Qui	1:00	4.11	
		7:10	1.36	
		13:10	4.05	
		19:10	1.37	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	1:30	4.03	
		7:50	1.47	
		13:50	3.9	
		19:40	1.51	
2	Sab	2:00	3.99	
		8:30	1.57	
		14:40	3.76	
		20:20	1.64	
3	Dom	2:40	3.95	
		9:30	1.67	
		15:40	3.65	
		21:10	1.76	
4	Seg	3:40	3.95	
		10:30	1.68	
		16:50	3.64	
		22:20	1.8	
5	Ter	4:40	4.0	
		11:40	1.57	
		18:00	3.75	
		23:30	1.73	
6	Qua	5:50	4.13	
		12:40	1.34	
		19:10	3.93	
7	Qui	0:40	1.55	
		6:50	4.3	
		13:40	1.04	
		20:00	4.16	
8	Sex	1:40	1.32	
		7:50	4.49	
		14:30	0.75	
		20:50	4.38	
9	Sab	2:30	1.09	
		8:40	4.68	
		15:20	0.49	
		21:40	4.57	
10	Dom	3:20	0.87	
		9:30	4.84	
		16:00	0.34	
		22:20	4.7	
11	Seg	4:10	0.69	
		10:20	4.95	
		16:40	0.3	
		23:00	4.75	
12	Ter	4:50	0.64	
		11:00	4.95	
		17:20	0.35	
		23:30	4.72	
13	Qua	5:40	0.61	
		11:50	4.89	
		18:00	0.5	
		0:10	4.66	
14	Qui	6:20	0.72	
		12:40	4.73	
		18:40	0.73	
15	Sex	0:50	4.55	
		7:10	0.87	
		13:30	4.49	
		19:30	1.0	
16	Sab	1:40	4.4	
		8:10	1.08	
		14:30	4.22	
		20:20	1.29	
17	Dom	2:30	4.24	
		9:20	1.3	
		15:40	4.01	
		21:20	1.55	
18	Seg	3:40	4.11	
		10:30	1.37	
		17:00	3.97	
		22:40	1.67	
19	Ter	4:50	4.1	
		11:50	1.22	
		18:20	4.09	
20	Qua	0:00	1.58	
		6:10	4.23	
		13:00	0.96	
		19:30	4.28	
21	Qui	1:10	1.37	
		7:10	4.4	
		14:00	0.68	
		20:20	4.5	
22	Sex	2:00	1.14	
		8:10	4.6	
		14:50	0.48	
		21:10	4.68	
23	Sab	3:00	0.9	
		9:00	4.75	
		15:30	0.4	
		21:50	4.78	
24	Dom	3:40	0.77	
		9:50	4.83	
		16:10	0.42	
		22:30	4.77	
25	Seg	4:20	0.73	
		10:30	4.79	
		16:50	0.54	
		23:00	4.68	
26	Ter	5:00	0.77	
		11:10	4.68	
		17:20	0.72	
		23:20	4.53	
27	Qua	5:30	0.88	
		11:40	4.51	
		17:40	0.92	
		23:50	4.4	
28	Qui	6:00	1.0	
		12:10	4.33	
		18:00	1.1	
29	Sex	0:10	4.3	
		6:30	1.12	
		12:30	4.17	
		18:20	1.28	
30	Sab	0:30	4.21	
		7:00	1.24	
		13:10	4.0	
		18:50	1.44	
31	Dom	1:00	4.12	
		7:40	1.38	
		13:50	3.83	
		19:30	1.6	

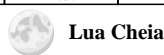
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



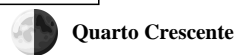
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

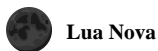
Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	1:50	4.03	
		8:30	1.53	
		14:50	3.66	
		20:20	1.77	
2	Ter	2:40	3.93	
		9:40	1.67	
		16:00	3.58	
		21:30	1.89	
3	Qua	4:00	3.9	
		11:00	1.64	
		17:30	3.67	
		23:00	1.83	
4	Qui	5:20	4.02	
		12:10	1.4	
		18:40	3.93	
5	Sex	0:20	1.57	
		6:30	4.25	
		13:20	1.04	
		19:40	4.23	
6	Sab	1:30	1.22	
		7:40	4.55	
		14:10	0.69	
		20:30	4.53	
7	Dom	2:20	0.88	
		8:30	4.82	
		15:00	0.4	
		21:10	4.76	
8	Seg	3:10	0.58	
		9:20	5.03	
		15:40	0.23	
		21:50	4.91	
9	Ter	4:00	0.36	
		10:10	5.15	
		16:20	0.19	
		22:30	4.96	
10	Qua	4:40	0.3	
		10:50	5.12	
		17:00	0.28	
		23:10	4.92	
11	Qui	5:20	0.36	
		11:40	5.0	
		17:40	0.48	
		23:40	4.79	
12	Sex	6:10	0.5	
		12:20	4.76	
		18:20	0.77	
13	Sab	0:20	4.62	
		6:50	0.77	
		13:10	4.45	
		19:00	1.1	
14	Dom	1:10	4.4	
		7:50	1.07	
		14:10	4.11	
		19:50	1.44	
15	Seg	2:00	4.16	
		8:50	1.38	
		15:20	3.85	
		21:00	1.74	
16	Ter	3:10	3.94	
		10:10	1.53	
		16:50	3.81	
		22:20	1.89	
17	Qua	4:30	3.88	
		11:30	1.41	
		18:10	3.96	
		23:40	1.76	
18	Qui	5:50	4.04	
		12:40	1.15	
		19:10	4.19	
19	Sex	0:50	1.47	
		7:00	4.29	
		13:40	0.87	
		20:00	4.44	
20	Sab	1:50	1.14	
		8:00	4.53	
		14:20	0.69	
		20:40	4.65	
21	Dom	2:40	0.87	
		8:50	4.72	
		15:00	0.59	
		21:10	4.76	
22	Seg	3:20	0.7	
		9:30	4.8	
		15:40	0.57	
		21:50	4.78	
23	Ter	3:50	0.64	
		10:10	4.78	
		16:10	0.65	
		22:20	4.72	
24	Qua	4:30	0.65	
		10:40	4.68	
		16:40	0.78	
		22:40	4.61	
25	Qui	5:00	0.73	
		11:10	4.53	
		17:00	0.93	
		23:00	4.5	
26	Sex	5:20	0.85	
		11:40	4.37	
		17:20	1.11	
		23:20	4.4	
27	Sab	5:50	0.98	
		12:00	4.21	
		17:40	1.3	
		23:50	4.32	
28	Dom	6:20	1.12	
		12:40	4.04	
		18:10	1.47	
29	Seg	0:20	4.2	
		7:00	1.26	
		13:20	3.87	
		18:50	1.64	
30	Ter	1:10	4.08	
		8:00	1.44	
		14:20	3.69	
		19:50	1.79	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	2:10	3.93	
		9:00	1.6	
		15:30	3.59	
		21:10	1.9	
2	Qui	3:30	3.87	
		10:30	1.6	
		17:00	3.72	
		22:40	1.81	
3	Sex	5:00	4.0	
		11:40	1.37	
		18:10	4.02	
4	Sab	0:10	1.47	
		6:20	4.3	
		12:50	1.0	
		19:10	4.37	
5	Dom	1:10	1.06	
		7:20	4.63	
		13:40	0.66	
		20:00	4.68	
6	Seg	2:00	0.68	
		8:20	4.93	
		14:30	0.39	
		20:40	4.92	
7	Ter	2:50	0.36	
		9:10	5.14	
		15:20	0.23	
		21:20	5.05	
8	Qua	3:40	0.16	
		10:00	5.22	
		16:00	0.22	
		22:00	5.07	
9	Qui	4:20	0.13	
		10:40	5.16	
		16:40	0.35	
		22:40	4.99	
10	Sex	5:10	0.2	
		11:30	4.97	
		17:20	0.59	
		23:20	4.82	
11	Sab	5:50	0.44	
		12:10	4.68	
		18:00	0.9	
12	Dom	0:00	4.6	
		6:40	0.74	
		13:00	4.34	
		18:40	1.25	
13	Seg	0:40	4.33	
		7:30	1.1	
		14:00	3.99	
		19:30	1.58	
14	Ter	1:40	4.06	
		8:40	1.44	
		15:10	3.76	
		20:40	1.86	
15	Qua	2:50	3.82	
		9:50	1.62	
		16:30	3.75	
		22:00	1.99	
16	Qui	4:10	3.75	
		11:10	1.54	
		17:40	3.92	
		23:30	1.82	
17	Sex	5:30	3.92	
		12:10	1.35	
		18:30	4.15	
18	Sab	0:30	1.51	
		6:40	4.17	
		13:00	1.14	
		19:20	4.38	
19	Dom	1:20	1.19	
		7:30	4.39	
		13:50	0.95	
		20:00	4.56	
20	Seg	2:10	0.91	
		8:20	4.56	
		14:30	0.85	
		20:30	4.66	
21	Ter	2:50	0.74	
		9:00	4.65	
		15:00	0.82	
		21:00	4.7	
22	Qua	3:20	0.66	
		9:40	4.65	
		15:30	0.84	
		21:30	4.68	
23	Qui	4:00	0.63	
		10:10	4.58	
		16:00	0.91	
		22:00	4.63	
24	Sex	4:30	0.68	
		10:40	4.47	
		16:20	1.04	
		22:20	4.54	
25	Sab	5:00	0.77	
		11:10	4.34	
		16:40	1.21	
		22:50	4.47	
26	Dom	5:30	0.88	
		11:40	4.19	
		17:10	1.37	
		23:20	4.37	
27	Seg	6:00	1.02	
		12:20	4.05	
		17:50	1.49	
		23:50	4.23	
28	Ter	6:40	1.17	
		13:00	3.9	
		18:30	1.65	
29	Qua	0:40	4.1	
		7:30	1.33	
		14:00	3.76	
		19:30	1.76	
30	Qui	1:50	3.98	
		8:40	1.46	
		15:10	3.71	
		21:00	1.79	
31	Sex	3:10	3.93	
		10:00	1.48	
		16:30	3.85	
		22:30	1.66	

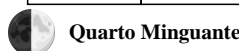
Simbologia das fases lunares:

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

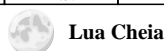
Dados de nível sem Georreferenciamento



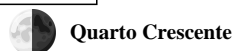
Lua Nova



Quarto Minguante



Lua Cheia

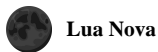


Quarto Crescente

Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	4:40	4.07	
		11:10	1.29	
		17:40	4.15	
		23:40	1.34	
2	Dom	6:00	4.36	
		12:20	0.99	
		18:30	4.48	
3	Seg	0:50	0.92	
		7:00	4.67	
		13:10	0.71	
		19:20	4.76	
4	Ter	1:40	0.55	
		8:00	4.93	
		14:00	0.49	
		20:10	4.97	
5	Qua	2:30	0.27	
		8:50	5.1	
		14:50	0.38	
		20:50	5.06	
6	Qui	3:20	0.09	
		9:40	5.14	
		15:30	0.42	
		21:40	5.07	
7	Sex	4:10	0.06	
		10:30	5.06	
		16:20	0.53	
		22:20	4.96	
8	Sab	4:50	0.2	
		11:20	4.86	
		17:00	0.76	
		23:00	4.77	
9	Dom	5:40	0.42	
		12:00	4.58	
		17:40	1.05	
		23:40	4.53	
10	Seg	6:30	0.74	
		13:00	4.25	
		18:30	1.33	
11	Ter	0:30	4.27	
		7:20	1.09	
		13:50	3.97	
		19:20	1.62	
12	Qua	1:20	4.01	
		8:20	1.42	
		14:50	3.78	
		20:30	1.86	
13	Qui	2:30	3.3	
		9:20	1.64	
		16:00	3.76	
		21:40	1.96	
14	Sex	3:50	3.72	
		10:30	1.67	
		17:00	3.88	
		23:00	1.84	
15	Sab	5:00	3.82	
		11:30	1.57	
		17:50	4.06	
16	Dom	0:00	1.58	
		6:10	4.0	
		12:20	1.43	
		18:30	4.23	
17	Seg	0:50	1.32	
		7:00	4.18	
		13:00	1.3	
		19:10	4.39	
18	Ter	1:30	1.09	
		7:50	4.32	
		13:40	1.18	
		19:50	4.51	
19	Qua	2:10	0.91	
		8:30	4.41	
		14:10	1.11	
		20:20	4.57	
20	Qui	2:50	0.78	
		9:10	4.44	
		14:50	1.06	
		20:50	4.6	
21	Sex	3:30	0.71	
		9:40	4.43	
		15:20	1.08	
		21:20	4.59	
22	Sab	4:00	0.71	
		10:20	4.37	
		15:50	1.15	
		21:50	4.54	
23	Dom	4:30	0.75	
		10:50	4.28	
		16:20	1.26	
		22:20	4.47	
24	Seg	5:10	0.81	
		11:30	4.19	
		16:50	1.4	
		23:00	4.4	
25	Ter	5:40	0.93	
		12:00	4.09	
		17:40	1.44	
		23:40	4.3	
26	Qua	6:30	1.02	
		12:50	4.01	
		18:30	1.51	
27	Qui	0:30	4.19	
		7:20	1.14	
		13:40	3.94	
		19:30	1.56	
28	Sex	1:40	4.12	
		8:20	1.26	
		14:50	3.93	
		20:40	1.58	
29	Sab	2:50	4.07	
		9:20	1.32	
		15:50	4.03	
		22:00	1.48	
30	Dom	4:10	4.15	
		10:30	1.24	
		17:00	4.26	
		23:20	1.21	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	5:30	4.37	
		11:40	1.06	
		18:00	4.52	
2	Ter	0:20	0.89	
		6:40	4.6	
		12:40	0.86	
		18:50	4.74	
3	Qua	1:20	0.56	
		7:40	4.8	
		13:30	0.72	
		19:40	4.9	
4	Qui	2:20	0.28	
		8:40	4.93	
		14:20	0.64	
		20:30	4.98	
5	Sex	3:10	0.13	
		9:30	4.97	
		15:10	0.64	
		21:20	4.98	
6	Sab	4:00	0.1	
		10:20	4.91	
		16:00	0.72	
		22:00	4.87	
7	Dom	4:40	0.22	
		11:10	4.77	
		16:40	0.89	
		22:50	4.73	
8	Seg	5:30	0.41	
		12:00	4.54	
		17:30	1.08	
		23:30	4.52	
9	Ter	6:20	0.69	
		12:40	4.31	
		18:20	1.3	
10	Qua	0:20	4.31	
		7:10	1.02	
		13:50	4.07	
		19:10	1.52	
11	Qui	1:10	4.08	
		7:50	1.32	
		14:20	3.89	
		20:10	1.72	
12	Sex	2:10	3.88	
		8:40	1.57	
		15:10	3.81	
		21:10	1.85	
13	Sab	3:10	3.74	
		9:30	1.72	
		16:00	3.83	
		22:10	1.84	
14	Dom	4:20	3.72	
		10:20	1.76	
		16:50	3.92	
		23:10	1.72	
15	Seg	5:20	3.79	
		11:10	1.71	
		17:30	4.04	
16	Ter	0:10	1.53	
		6:20	3.91	
		12:00	1.61	
		18:20	4.19	
17	Qua	0:50	1.33	
		7:10	4.03	
		12:50	1.48	
		19:00	4.32	
18	Qui	1:40	1.13	
		7:50	4.14	
		13:30	1.37	
		19:40	4.42	
19	Sex	2:20	0.96	
		8:40	4.22	
		14:10	1.28	
		20:20	4.49	
20	Sab	3:00	0.83	
		9:20	4.28	
		14:50	1.23	
		20:50	4.53	
21	Dom	3:40	0.73	
		10:00	4.3	
		15:30	1.2	
		21:30	4.54	
22	Seg	4:20	0.68	
		10:40	4.3	
		16:10	1.21	
		22:10	4.53	
23	Ter	4:50	0.71	
		11:10	4.28	
		16:50	1.23	
		22:50	4.5	
24	Qua	5:30	0.74	
		11:50	4.25	
		17:30	1.27	
		23:40	4.47	
25	Qui	6:10	0.83	
		12:30	4.22	
		18:20	1.27	
26	Sex	0:30	4.41	
		7:00	0.92	
		13:20	4.2	
		19:20	1.28	
27	Sab	1:30	4.53	
		7:50	1.05	
		14:10	4.18	
		20:20	1.32	
28	Dom	2:30	4.24	
		8:50	1.17	
		15:10	4.2	
		21:40	1.31	
29	Seg	3:50	4.21	
		9:50	1.25	
		16:10	4.29	
		22:50	1.19	
30	Ter	5:00	4.28	
		11:00	1.22	
		17:20	4.44	
31	Qua	0:00	0.96	
		6:20	4.43	
		12:10	1.11	
		19:00	4.54	

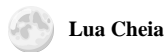
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



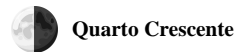
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente