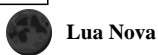


Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	4:10	0.78	
		11:00	3.34	
		16:40	0.71	
		23:10	3.76	
2	Qui	5:50	0.38	
		11:50	3.34	
		17:30	0.66	
		23:50	3.72	
3	Sex	6:30	0.37	
		12:30	3.33	
		18:20	0.61	
4	Sab	0:40	3.64	
		7:10	0.4	
		13:20	3.28	
		19:10	0.59	
5	Dom	1:30	3.53	
		8:00	0.44	
		14:10	3.23	
		20:10	0.59	
6	Seg	2:20	3.39	
		8:50	0.55	
		15:00	3.18	
		21:10	0.68	
7	Ter	3:30	3.24	
		9:40	0.68	
		16:00	3.15	
		22:20	0.79	
8	Qua	4:40	3.12	
		10:40	0.78	
		17:10	3.18	
		23:40	0.83	
9	Qui	5:50	3.09	
		11:50	0.81	
		18:10	3.29	
10	Sex	0:50	0.76	
		7:00	3.15	
		12:50	0.78	
		19:10	3.43	
11	Sab	1:50	0.65	
		8:00	3.25	
		13:40	0.76	
		20:10	3.57	
12	Dom	2:50	0.52	
		9:00	3.36	
		14:40	0.71	
		21:00	3.67	
13	Seg	3:40	0.41	
		9:50	3.45	
		15:30	0.68	
		21:50	3.72	
14	Ter	4:30	0.31	
		10:40	3.48	
		16:10	0.66	
		22:30	3.71	
15	Qua	5:20	0.23	
		11:20	3.44	
		17:00	0.59	
		23:10	3.64	
16	Qui	6:00	0.24	
		12:00	3.35	
		17:40	0.56	
		23:50	3.52	
17	Sex	6:30	0.32	
		12:40	3.21	
		18:20	0.54	
18	Sab	0:30	3.38	
		7:10	0.38	
		13:10	3.07	
		19:00	0.55	
19	Dom	1:10	3.22	
		7:40	0.48	
		13:40	2.95	
		19:40	0.59	
20	Seg	1:50	3.05	
		8:10	0.58	
		14:20	2.86	
		20:20	0.68	
21	Ter	2:30	2.9	
		8:40	0.7	
		15:00	2.81	
		21:20	0.78	
22	Qua	3:20	2.76	
		9:20	0.82	
		15:50	2.79	
		22:20	0.91	
23	Qui	4:20	2.66	
		10:10	0.93	
		16:50	2.82	
		23:30	1.0	
24	Sex	5:20	2.62	
		11:10	0.98	
		17:50	2.93	
25	Sab	0:40	0.99	
		6:30	2.67	
		12:10	0.95	
		18:50	3.1	
26	Dom	1:40	0.9	
		7:40	2.81	
		13:10	0.88	
		19:50	3.3	
27	Seg	2:30	0.78	
		8:30	3.01	
		14:10	0.79	
		20:40	3.51	
28	Ter	3:20	0.63	
		9:20	3.21	
		15:00	0.71	
		21:30	3.69	
29	Qua	4:10	0.46	
		10:10	3.39	
		15:50	0.62	
		22:10	3.82	
30	Qui	4:50	0.35	
		10:50	3.51	
		16:40	0.52	
		23:00	3.89	
31	Sex	5:30	0.27	
		11:30	3.58	
		17:20	0.47	
		23:40	3.89	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	6:10	0.23	
		12:10	3.59	
		18:10	0.39	
2	Dom	0:30	3.81	
		6:50	0.25	
		12:50	3.56	
		19:00	0.37	
3	Seg	1:10	3.68	
		7:30	0.33	
		13:40	3.47	
		19:50	0.43	
4	Ter	2:00	3.49	
		8:10	0.47	
		14:30	3.34	
		20:50	0.58	
5	Qua	3:00	3.25	
		9:00	0.64	
		15:20	3.21	
		21:50	0.78	
6	Qui	4:00	3.03	
		10:00	0.84	
		16:30	3.1	
		23:10	0.95	
7	Sex	5:20	2.88	
		11:10	0.98	
		17:40	3.09	
8	Sab	0:30	0.93	
		6:40	2.9	
		12:20	1.0	
		18:50	3.18	
9	Dom	1:40	0.76	
		7:50	3.04	
		13:30	0.92	
		19:50	3.33	
10	Seg	2:40	0.56	
		8:50	3.23	
		14:30	0.81	
		20:50	3.5	
11	Ter	3:30	0.4	
		9:40	3.4	
		15:20	0.7	
		21:40	3.62	
12	Qua	4:20	0.25	
		10:20	3.5	
		16:00	0.6	
		22:20	3.68	
13	Qui	4:50	0.26	
		11:00	3.53	
		16:40	0.51	
		23:00	3.67	
14	Sex	5:30	0.23	
		11:30	3.48	
		17:20	0.43	
		23:30	3.59	
15	Sab	6:00	0.27	
		12:00	3.38	
		18:00	0.38	
16	Dom	0:10	3.47	
		6:30	0.33	
		12:30	3.28	
		18:30	0.41	
17	Seg	0:40	3.32	
		6:50	0.44	
		13:00	3.18	
		19:10	0.45	
18	Ter	1:10	3.16	
		7:20	0.53	
		13:30	3.09	
		19:40	0.58	
19	Qua	1:50	2.98	
		7:50	0.66	
		14:00	3.01	
		20:30	0.69	
20	Qui	2:30	2.81	
		8:20	0.82	
		14:50	2.93	
		21:30	0.86	
21	Sex	3:20	2.65	
		9:10	0.96	
		15:50	2.86	
		22:40	1.03	
22	Sab	4:40	2.54	
		10:10	1.09	
		17:00	2.86	
23	Dom	0:00	1.08	
		6:00	2.55	
		11:30	1.09	
		18:20	2.99	
24	Seg	1:10	0.98	
		7:20	2.74	
		12:50	0.95	
		19:20	3.22	
25	Ter	2:10	0.78	
		8:20	3.03	
		14:00	0.78	
		20:20	3.49	
26	Qua	3:00	0.58	
		9:10	3.33	
		14:50	0.62	
		21:20	3.73	
27	Qui	3:50	0.37	
		9:50	3.58	
		15:40	0.47	
		22:00	3.92	
28	Sex	4:30	0.24	
		10:30	3.75	
		16:30	0.32	
		22:50	4.01	

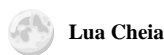
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



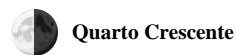
Lua Nova



Quarto Minguante



Lua Cheia

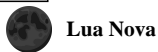


Quarto Crescente

Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	5:00	0.23	
		11:10	3.84	
		17:10	0.26	
		23:30	4.01	
2	Dom	5:40	0.2	
		11:50	3.84	
		18:00	0.2	
3	Seg	0:10	3.91	
		6:20	0.24	
		12:30	3.76	
		18:40	0.26	
4	Ter	0:50	3.72	
		7:00	0.33	
		13:10	3.62	
		19:30	0.36	
5	Qua	1:40	3.47	
		7:40	0.49	
		13:50	3.44	
		20:20	0.55	
6	Qui	2:30	3.18	
		8:30	0.68	
		14:50	3.2	
		21:30	0.82	
7	Sex	3:40	2.87	
		9:20	0.91	
		15:50	3.0	
		22:50	1.06	
8	Sab	5:00	2.67	
		10:40	1.12	
		17:10	2.89	
9	Dom	0:10	1.04	
		6:30	2.73	
		12:00	1.16	
		18:30	2.97	
10	Seg	1:20	0.83	
		7:40	2.93	
		13:10	1.03	
		19:40	3.16	
11	Ter	2:20	0.59	
		8:30	3.17	
		14:20	0.84	
		20:30	3.36	
12	Qua	3:10	0.42	
		9:20	3.39	
		15:00	0.68	
		21:20	3.53	
13	Qui	3:50	0.32	
		9:50	3.53	
		15:50	0.51	
		22:00	3.63	
14	Sex	4:20	0.31	
		10:30	3.6	
		16:20	0.42	
		22:40	3.65	
15	Sab	4:50	0.31	
		11:00	3.59	
		17:00	0.33	
		23:10	3.6	
16	Dom	5:20	0.33	
		11:20	3.53	
		17:30	0.32	
		23:40	3.5	
17	Seg	5:40	0.41	
		11:50	3.46	
		18:00	0.36	
18	Ter	0:10	3.36	
		6:10	0.48	
		12:10	3.38	
		18:40	0.4	
19	Qua	0:40	3.2	
		6:30	0.61	
		12:40	3.29	
		19:10	0.54	
20	Qui	1:10	3.01	
		7:00	0.72	
		13:20	3.18	
		20:00	0.67	
21	Sex	1:50	2.83	
		7:40	0.84	
		14:10	3.04	
		20:50	0.85	
22	Sab	2:50	2.66	
		8:30	0.99	
		15:10	2.91	
		22:00	1.04	
23	Dom	4:10	2.51	
		9:40	1.14	
		16:20	2.85	
		23:30	1.11	
24	Seg	5:40	2.53	
		11:10	1.14	
		17:50	2.95	
25	Ter	0:40	0.97	
		7:00	2.8	
		12:40	0.93	
		19:10	3.21	
26	Qua	1:40	0.74	
		7:50	3.14	
		13:50	0.69	
		20:10	3.51	
27	Qui	2:30	0.52	
		8:40	3.48	
		14:40	0.49	
		21:00	3.78	
28	Sex	3:20	0.33	
		9:30	3.77	
		15:30	0.31	
		21:50	3.97	
29	Sab	4:00	0.23	
		10:10	3.95	
		16:20	0.17	
		22:30	4.05	
30	Dom	4:40	0.18	
		10:40	4.02	
		17:00	0.14	
		23:10	4.02	
31	Seg	5:10	0.26	
		11:20	3.99	
		17:40	0.17	
		23:50	3.88	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	5:50	0.32	
		12:00	3.87	
		18:30	0.22	
2	Qua	0:40	3.64	
		6:30	0.43	
		12:40	3.68	
		19:10	0.38	
3	Qui	1:20	3.36	
		7:10	0.59	
		13:20	3.43	
		20:10	0.58	
4	Sex	2:20	3.02	
		7:50	0.79	
		14:10	3.16	
		21:10	0.85	
5	Sab	3:20	2.72	
		8:50	0.99	
		15:20	2.9	
		22:30	1.1	
6	Dom	4:50	2.55	
		10:10	1.18	
		16:40	2.76	
		23:50	1.07	
7	Seg	6:10	2.66	
		11:40	1.23	
		18:00	2.82	
8	Ter	1:00	0.85	
		7:20	2.88	
		13:00	1.07	
		19:10	3.01	
9	Qua	1:50	0.67	
		8:10	3.13	
		14:00	0.85	
		20:10	3.22	
10	Qui	2:30	0.56	
		8:50	3.35	
		14:40	0.66	
		20:50	3.39	
11	Sex	3:10	0.47	
		9:20	3.51	
		15:20	0.51	
		21:30	3.5	
12	Sab	3:40	0.43	
		9:50	3.6	
		16:00	0.4	
		22:10	3.55	
13	Dom	4:10	0.42	
		10:20	3.64	
		16:30	0.35	
		22:40	3.52	
14	Seg	4:40	0.43	
		10:40	3.62	
		17:10	0.31	
		23:10	3.44	
15	Ter	5:00	0.51	
		11:10	3.59	
		17:40	0.36	
		23:40	3.33	
16	Qua	5:30	0.59	
		11:40	3.53	
		18:10	0.46	
17	Qui	0:10	3.18	
		5:50	0.71	
		12:10	3.43	
		18:50	0.56	
18	Sex	0:50	3.02	
		6:30	0.79	
		12:50	3.29	
		19:30	0.69	
19	Sab	1:30	2.85	
		7:10	0.9	
		13:40	3.13	
		20:30	0.82	
20	Dom	2:30	2.69	
		8:00	1.03	
		14:40	2.98	
		21:40	0.98	
21	Seg	3:50	2.57	
		9:20	1.12	
		16:00	2.91	
		23:00	1.03	
22	Ter	5:10	2.64	
		11:00	1.06	
		17:30	2.99	
23	Qua	0:10	0.89	
		6:30	2.92	
		12:20	0.87	
		18:40	3.23	
24	Qui	1:10	0.67	
		7:20	3.27	
		13:30	0.62	
		19:40	3.51	
25	Sex	2:00	0.48	
		8:10	3.6	
		14:20	0.42	
		20:40	3.75	
26	Sab	2:50	0.33	
		9:00	3.87	
		15:10	0.27	
		21:30	3.91	
27	Dom	3:40	0.28	
		9:30	4.03	
		16:00	0.18	
		22:10	3.97	
28	Seg	4:10	0.28	
		10:20	4.08	
		16:40	0.18	
		22:50	3.91	
29	Ter	4:50	0.33	
		11:00	4.02	
		17:30	0.19	
		23:40	3.74	
30	Qua	5:20	0.48	
		11:40	3.87	
		18:10	0.3	

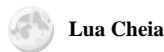
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



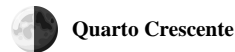
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

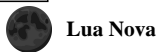
Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	0:20	3.51	
		6:00	0.59	
		12:20	3.65	
		19:00	0.42	
2	Sex	1:10	3.22	
		6:40	0.73	
		13:00	3.38	
		19:50	0.6	
3	Sab	2:00	2.92	
		7:30	0.85	
		13:50	3.11	
		20:50	0.82	
4	Dom	3:10	2.66	
		8:30	0.99	
		14:50	2.88	
		22:00	1.02	
5	Seg	4:30	2.54	
		9:50	1.14	
		16:10	2.73	
		23:10	1.07	
6	Ter	5:40	2.64	
		11:20	1.22	
		17:30	2.74	
7	Qua	0:20	0.94	
		6:40	2.83	
		12:30	1.09	
		18:40	2.88	
8	Qui	1:10	0.8	
		7:30	3.05	
		13:30	0.89	
		19:30	3.05	
9	Sex	1:50	0.7	
		8:00	3.24	
		14:10	0.72	
		20:20	3.2	
10	Sab	2:20	0.63	
		8:40	3.42	
		14:50	0.58	
		21:00	3.31	
11	Dom	3:00	0.56	
		9:10	3.54	
		15:30	0.48	
		21:40	3.36	
12	Seg	3:30	0.54	
		9:40	3.62	
		16:10	0.42	
		22:10	3.37	
13	Ter	3:50	0.59	
		10:10	3.66	
		16:40	0.42	
		22:40	3.33	
14	Qua	4:20	0.64	
		10:40	3.65	
		17:20	0.44	
		23:20	3.25	
15	Qui	4:50	0.72	
		11:10	3.61	
		17:50	0.52	
		23:50	3.15	
16	Sex	5:30	0.77	
		11:50	3.51	
		18:30	0.59	
		0:30	3.03	
17	Sab	6:10	0.84	
		12:30	3.38	
		19:20	0.64	
		1:20	2.91	
18	Dom	7:00	0.89	
		13:20	3.22	
		20:10	0.74	
19	Seg	2:20	2.8	
		8:00	0.94	
		14:30	3.1	
		21:20	0.82	
20	Ter	3:30	2.74	
		9:10	0.99	
		15:40	3.04	
		22:20	0.88	
21	Qua	4:40	2.82	
		10:40	0.94	
		17:00	3.08	
		23:30	0.82	
22	Qui	5:50	3.05	
		12:00	0.8	
		18:10	3.24	
23	Sex	0:30	0.67	
		6:50	3.35	
		13:00	0.62	
		19:20	3.44	
24	Sab	1:20	0.54	
		7:40	3.63	
		14:00	0.45	
		20:10	3.62	
25	Dom	2:10	0.45	
		8:30	3.85	
		15:00	0.32	
		21:00	3.74	
26	Seg	3:00	0.41	
		9:10	3.98	
		15:50	0.28	
		21:50	3.78	
27	Ter	3:40	0.45	
		10:00	4.01	
		16:30	0.25	
		22:40	3.73	
28	Qua	4:20	0.52	
		10:40	3.95	
		17:20	0.25	
		23:30	3.59	
29	Qui	5:00	0.6	
		11:20	3.8	
		18:00	0.33	
30	Sex	0:10	3.4	
		5:50	0.64	
		12:00	3.6	
		18:50	0.4	
31	Sab	1:00	3.16	
		6:30	0.73	
		12:50	3.37	
		19:40	0.53	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	1:50	2.93	
		7:20	0.8	
		13:40	3.14	
		20:30	0.69	
2	Seg	2:50	2.73	
		8:20	0.88	
		14:30	2.93	
		21:30	0.87	
3	Ter	3:50	2.62	
		9:20	0.99	
		15:40	2.77	
		22:20	0.97	
4	Qua	4:50	2.63	
		10:40	1.11	
		16:50	2.71	
		23:20	0.99	
5	Qui	5:40	2.74	
		11:50	1.09	
		17:50	2.75	
6	Sex	0:10	0.93	
		6:30	2.91	
		12:50	0.97	
		18:50	2.84	
7	Sab	0:50	0.84	
		7:10	3.09	
		13:40	0.83	
		19:40	2.96	
8	Dom	1:30	0.76	
		7:50	3.26	
		14:20	0.71	
		20:30	3.06	
9	Seg	2:10	0.7	
		8:30	3.42	
		15:10	0.62	
		21:10	3.15	
10	Ter	2:40	0.68	
		9:10	3.54	
		15:50	0.56	
		21:50	3.2	
11	Qua	3:20	0.68	
		9:40	3.63	
		16:20	0.53	
		22:20	3.23	
12	Qui	4:00	0.71	
		10:20	3.66	
		17:00	0.51	
		23:00	3.21	
13	Sex	4:30	0.77	
		11:00	3.65	
		17:40	0.51	
		23:40	3.18	
14	Sab	5:10	0.81	
		11:40	3.59	
		18:20	0.52	
		0:20	3.13	
15	Dom	6:00	0.8	
		12:20	3.5	
		19:10	0.51	
		1:10	3.07	
16	Seg	6:50	0.79	
		13:10	3.39	
		19:50	0.58	
		2:00	3.03	
17	Ter	7:50	0.77	
		14:10	3.29	
		20:50	0.63	
18	Qua	3:00	3.0	
		9:00	0.78	
		15:20	3.2	
		21:50	0.71	
19	Qui	4:10	3.02	
		10:10	0.82	
		16:30	3.15	
		22:50	0.76	
20	Sex	5:10	3.14	
		11:30	0.79	
		17:40	3.19	
		23:50	0.73	
21	Sab	6:10	3.33	
		12:40	0.69	
		18:50	3.28	
		0:50	0.65	
22	Dom	7:10	3.53	
		13:40	0.57	
		19:50	3.41	
23	Seg	1:40	0.61	
		8:00	3.7	
		14:40	0.46	
		20:50	3.51	
24	Ter	2:30	0.59	
		8:50	3.82	
		15:30	0.38	
		21:40	3.58	
25	Qua	3:20	0.59	
		9:40	3.87	
		16:20	0.31	
		22:30	3.59	
26	Qui	4:10	0.59	
		10:30	3.85	
		17:10	0.26	
		23:20	3.53	
27	Sex	4:50	0.62	
		11:10	3.75	
		17:50	0.29	
28	Sab	0:00	3.4	
		5:40	0.6	
		11:50	3.6	
		18:40	0.3	
29	Dom	0:50	3.23	
		6:20	0.63	
		12:40	3.43	
		19:20	0.41	
30	Seg	1:30	3.06	
		7:10	0.64	
		13:20	3.23	
		20:00	0.53	

Simbologia das fases lunares:

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

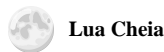
Dados de nível sem Georreferenciamento



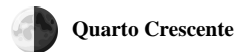
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

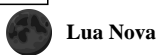
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	2:10	2.9	
		7:50	0.71	
		14:10	3.04	
		20:40	0.66	
2	Qua	3:00	2.77	
		8:50	0.79	
		15:00	2.87	
		21:30	0.8	
3	Qui	3:40	2.71	
		9:50	0.91	
		15:50	2.74	
		22:10	0.89	
4	Sex	4:30	2.71	
		10:50	0.99	
		16:50	2.66	
		23:00	0.94	
5	Sab	5:30	2.79	
		12:00	1.03	
		18:00	2.65	
		23:50	0.93	
6	Dom	6:20	2.93	
		13:00	0.97	
		19:00	2.72	
7	Seg	0:40	0.88	
		7:10	3.1	
		13:50	0.87	
		19:50	2.83	
8	Ter	1:20	0.84	
		7:50	3.28	
		14:40	0.77	
		20:40	2.96	
9	Qua	2:10	0.79	
		8:40	3.44	
		15:30	0.66	
		21:30	3.09	
10	Qui	3:00	0.75	
		9:20	3.58	
		16:10	0.56	
		22:10	3.2	
11	Sex	3:40	0.73	
		10:10	3.67	
		16:50	0.47	
		22:50	3.28	
12	Sab	4:30	0.68	
		10:50	3.72	
		17:30	0.4	
		23:30	3.33	
13	Dom	5:10	0.65	
		11:30	3.72	
		18:10	0.36	
		0:10	3.35	
		6:00	0.58	
		12:20	3.68	
		18:50	0.35	
15	Ter	0:50	3.34	
		6:50	0.53	
		13:00	3.59	
		19:30	0.4	
16	Qua	1:40	3.31	
		7:40	0.54	
		13:50	3.47	
		20:20	0.47	
17	Qui	2:30	3.26	
		8:40	0.59	
		14:50	3.33	
		21:10	0.59	
18	Sex	3:30	3.2	
		9:50	0.72	
		16:00	3.17	
		22:00	0.74	
19	Sab	4:30	3.18	
		11:00	0.84	
		17:10	3.06	
		23:10	0.83	
20	Dom	5:30	3.22	
		12:10	0.84	
		18:20	3.07	
21	Seg	0:10	0.85	
		6:40	3.34	
		13:20	0.74	
		19:30	3.16	
22	Ter	1:20	0.79	
		7:40	3.49	
		14:30	0.56	
		20:40	3.31	
23	Qua	2:10	0.75	
		8:40	3.63	
		15:20	0.43	
		21:30	3.45	
24	Qui	3:10	0.67	
		9:30	3.73	
		16:10	0.3	
		22:20	3.55	
25	Sex	4:00	0.6	
		10:20	3.78	
		17:00	0.19	
		23:00	3.56	
26	Sab	4:40	0.56	
		11:00	3.76	
		17:40	0.18	
		23:40	3.5	
27	Dom	5:30	0.47	
		11:40	3.66	
		18:20	0.21	
28	Seg	0:20	3.39	
		6:10	0.45	
		12:20	3.52	
		18:50	0.31	
29	Ter	1:00	3.24	
		6:50	0.46	
		13:00	3.34	
		19:20	0.41	
30	Qua	1:30	3.09	
		7:30	0.51	
		13:30	3.15	
		19:50	0.53	
31	Qui	2:00	2.96	
		8:10	0.6	
		14:10	2.96	
		20:20	0.66	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	2:40	2.86	
		9:00	0.73	
		15:00	2.78	
		21:00	0.79	
2	Sab	3:20	2.8	
		9:50	0.88	
		15:50	2.63	
		21:40	0.93	
3	Dom	4:20	2.77	
		11:00	1.03	
		17:00	2.52	
		22:40	1.03	
4	Seg	5:20	2.81	
		12:10	1.07	
		18:10	2.53	
		23:40	1.04	
5	Ter	6:20	2.94	
		13:20	1.01	
		19:20	2.66	
6	Qua	0:50	0.96	
		7:30	3.14	
		14:20	0.86	
		20:20	2.86	
7	Qui	1:50	0.86	
		8:20	3.36	
		15:10	0.69	
		21:10	3.09	
8	Sex	2:40	0.76	
		9:10	3.57	
		15:50	0.53	
		21:50	3.3	
9	Sab	3:30	0.64	
		10:00	3.74	
		16:30	0.39	
		22:30	3.47	
10	Dom	4:20	0.52	
		10:40	3.85	
		17:10	0.29	
		23:10	3.58	
11	Seg	5:00	0.45	
		11:20	3.89	
		17:40	0.29	
		23:50	3.63	
12	Ter	5:50	0.35	
		12:00	3.85	
		18:20	0.28	
13	Qua	0:30	3.62	
		6:30	0.36	
		12:50	3.74	
		19:00	0.32	
14	Qui	1:10	3.57	
		7:20	0.38	
		13:30	3.58	
		19:40	0.42	
15	Sex	1:50	3.47	
		8:20	0.48	
		14:30	3.35	
		20:30	0.57	
16	Sab	2:50	3.31	
		9:20	0.69	
		15:30	3.1	
		21:20	0.77	
17	Dom	3:50	3.16	
		10:30	0.91	
		16:40	2.9	
		22:30	0.95	
18	Seg	5:00	3.07	
		11:50	0.99	
		18:00	2.85	
		23:40	1.03	
19	Ter	6:10	3.12	
		13:10	0.84	
		19:20	2.99	
20	Qua	1:00	0.96	
		7:20	3.28	
		14:10	0.64	
		20:30	3.2	
21	Qui	2:00	0.84	
		8:30	3.47	
		15:10	0.4	
		21:20	3.41	
22	Sex	3:00	0.68	
		9:20	3.64	
		15:50	0.3	
		22:00	3.57	
23	Sab	3:50	0.54	
		10:00	3.74	
		16:40	0.16	
		22:40	3.64	
24	Dom	4:30	0.44	
		10:40	3.76	
		17:10	0.19	
		23:20	3.63	
25	Seg	5:10	0.36	
		11:20	3.7	
		17:40	0.24	
		23:50	3.54	
26	Ter	5:50	0.32	
		12:00	3.57	
		18:10	0.31	
27	Qua	0:20	3.41	
		6:30	0.35	
		12:30	3.4	
		18:40	0.39	
28	Qui	0:40	3.27	
		7:00	0.39	
		13:00	3.2	
		19:00	0.53	
29	Sex	1:10	3.15	
		7:30	0.52	
		13:30	3.0	
		19:30	0.66	
30	Sab	1:40	3.03	
		8:10	0.66	
		14:10	2.8	
		20:00	0.81	
31	Dom	2:30	2.92	
		9:10	0.84	
		15:00	2.61	
		20:40	0.97	

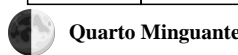
Simbologia das fases lunares:

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

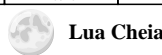
Dados de nível sem Georreferenciamento



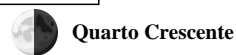
Lua Nova



Quarto Minguante



Lua Cheia

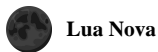


Quarto Crescente

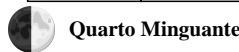
Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	3:20	2.82	
		10:10	1.03	
		16:10	2.47	
		21:40	1.12	
2	Ter	4:30	2.77	
		11:30	1.14	
		17:40	2.42	
		23:00	1.16	
3	Qua	5:50	2.85	
		12:50	1.07	
		19:00	2.59	
4	Qui	0:20	1.05	
		7:00	3.06	
		13:50	0.87	
		20:00	2.89	
5	Sex	1:30	0.86	
		8:00	3.33	
		14:40	0.66	
		20:50	3.2	
6	Sab	2:30	0.66	
		8:50	3.6	
		15:20	0.48	
		21:30	3.49	
7	Dom	3:20	0.49	
		9:40	3.82	
		16:00	0.34	
		22:10	3.71	
8	Seg	4:10	0.33	
		10:20	3.96	
		16:40	0.25	
		22:50	3.84	
9	Ter	4:50	0.25	
		11:10	4.0	
		17:20	0.2	
		23:20	3.88	
10	Qua	5:30	0.23	
		11:50	3.94	
		17:50	0.28	
		0:00	3.85	
11	Qui	6:20	0.22	
		12:30	3.79	
		18:30	0.34	
12	Sex	0:40	3.74	
		7:00	0.33	
		13:10	3.57	
		19:10	0.46	
13	Sab	1:20	3.56	
		8:00	0.47	
		14:00	3.29	
		19:50	0.64	
14	Dom	2:10	3.34	
		9:00	0.72	
		15:10	2.97	
		20:50	0.84	
15	Seg	3:10	3.1	
		10:10	0.99	
		16:20	2.73	
		22:00	1.06	
16	Ter	4:30	2.93	
		11:30	1.08	
		17:50	2.71	
		23:20	1.16	
17	Qua	5:50	2.94	
		12:50	0.89	
		19:10	2.91	
18	Qui	0:50	1.05	
		7:10	3.12	
		14:00	0.6	
		20:10	3.16	
19	Sex	1:50	0.86	
		8:10	3.34	
		14:50	0.41	
		21:00	3.41	
20	Sab	2:50	0.64	
		9:00	3.54	
		15:30	0.3	
		21:40	3.6	
21	Dom	3:30	0.49	
		9:40	3.66	
		16:00	0.29	
		22:10	3.69	
22	Seg	4:10	0.38	
		10:20	3.7	
		16:40	0.26	
		22:40	3.69	
23	Ter	4:50	0.3	
		11:00	3.65	
		17:00	0.34	
		23:10	3.63	
24	Qua	5:20	0.29	
		11:30	3.54	
		17:30	0.39	
		23:40	3.53	
25	Qui	5:50	0.33	
		12:00	3.38	
		17:50	0.51	
26	Sex	0:00	3.42	
		6:30	0.38	
		12:30	3.19	
		18:20	0.6	
27	Sab	0:30	3.3	
		7:00	0.51	
		13:00	2.99	
		18:40	0.76	
28	Dom	1:00	3.17	
		7:40	0.66	
		13:40	2.8	
		19:10	0.89	
29	Seg	1:40	3.02	
		8:30	0.82	
		14:30	2.61	
		20:00	1.01	
30	Ter	2:40	2.88	
		9:40	1.01	
		15:40	2.46	
		21:00	1.16	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	3:50	2.78	
		11:00	1.13	
		17:10	2.43	
		22:30	1.2	
2	Qui	5:20	2.83	
		12:20	1.03	
		18:30	2.65	
3	Sex	0:10	1.01	
		6:40	3.05	
		13:20	0.81	
		19:30	3.0	
4	Sab	1:20	0.78	
		7:40	3.35	
		14:10	0.59	
		20:20	3.36	
5	Dom	2:20	0.54	
		8:30	3.64	
		14:50	0.42	
		21:00	3.66	
6	Seg	3:10	0.35	
		9:20	3.86	
		15:30	0.31	
		21:40	3.89	
7	Ter	3:50	0.24	
		10:10	3.98	
		16:10	0.26	
		22:20	4.01	
8	Qua	4:40	0.15	
		10:50	4.0	
		16:50	0.26	
		23:00	4.03	
9	Qui	5:20	0.16	
		11:30	3.91	
		17:30	0.31	
		23:40	3.95	
10	Sex	6:00	0.24	
		12:10	3.72	
		18:00	0.46	
		0:10	3.8	
		6:50	0.33	
		13:00	3.45	
		18:40	0.59	
12	Dom	1:00	3.56	
		7:40	0.51	
		13:50	3.15	
		19:30	0.73	
13	Seg	1:50	3.29	
		8:40	0.74	
		14:50	2.85	
		20:20	0.92	
14	Ter	2:50	3.03	
		9:50	0.99	
		16:10	2.63	
		21:40	1.11	
15	Qua	4:10	2.84	
		11:10	1.07	
		17:40	2.67	
		23:10	1.2	
16	Qui	5:30	2.84	
		12:30	0.88	
		18:50	2.88	
17	Sex	0:30	1.08	
		6:50	3.01	
		13:20	0.71	
		19:40	3.13	
18	Sab	1:30	0.86	
		7:50	3.21	
		14:10	0.55	
		20:20	3.36	
19	Dom	2:30	0.65	
		8:40	3.39	
		14:50	0.47	
		21:00	3.54	
20	Seg	3:10	0.5	
		9:20	3.51	
		15:20	0.45	
		21:30	3.64	
21	Ter	3:50	0.4	
		10:00	3.55	
		16:00	0.42	
		22:00	3.67	
22	Qua	4:20	0.35	
		10:30	3.51	
		16:20	0.47	
		22:30	3.65	
23	Qui	5:00	0.33	
		11:00	3.42	
		16:50	0.52	
		23:00	3.59	
24	Sex	5:30	0.37	
		11:30	3.29	
		17:10	0.64	
		23:30	3.51	
25	Sab	6:00	0.46	
		12:00	3.14	
		17:40	0.73	
26	Dom	0:00	3.41	
		6:40	0.54	
		12:40	2.97	
		18:10	0.83	
27	Seg	0:30	3.27	
		7:20	0.66	
		13:20	2.81	
		18:50	0.92	
28	Ter	1:20	3.11	
		8:10	0.79	
		14:10	2.66	
		19:40	1.02	
29	Qua	2:10	2.96	
		9:10	0.92	
		15:20	2.55	
		20:50	1.1	
30	Qui	3:20	2.87	
		10:20	1.01	
		16:40	2.56	
		22:20	1.09	
31	Sex	4:50	2.91	
		11:40	0.94	
		17:50	2.79	
		23:50	0.93	

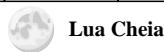
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



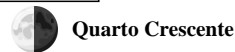
Lua Nova



Quarto Minguante



Lua Cheia

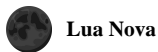


Quarto Crescente

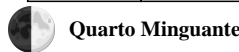
Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	6:10	3.1	
		12:40	0.76	
		18:50	3.12	
2	Dom	1:00	0.71	
		7:10	3.36	
		13:30	0.57	
		19:50	3.47	
3	Seg	2:00	0.49	
		8:10	3.6	
		14:20	0.42	
		20:30	3.76	
4	Ter	2:50	0.33	
		9:00	3.79	
		15:00	0.35	
		21:10	3.96	
5	Qua	3:40	0.22	
		9:50	3.89	
		15:40	0.35	
		21:50	4.06	
6	Qui	4:20	0.21	
		10:30	3.88	
		16:20	0.39	
		22:30	4.05	
7	Sex	5:10	0.2	
		11:10	3.78	
		17:00	0.47	
		23:10	3.95	
8	Sab	5:50	0.28	
		12:00	3.58	
		17:40	0.57	
9	Dom	0:00	3.76	
		6:40	0.37	
		12:50	3.33	
		18:20	0.69	
10	Seg	0:40	3.52	
		7:30	0.51	
		13:40	3.06	
		19:10	0.8	
11	Ter	1:30	3.26	
		8:30	0.69	
		14:40	2.81	
		20:10	0.91	
12	Qua	2:30	3.02	
		9:30	0.89	
		15:50	2.66	
		21:20	1.04	
13	Qui	3:40	2.84	
		10:40	1.0	
		17:10	2.69	
		22:50	1.16	
14	Sex	5:00	2.79	
		11:50	0.94	
		18:10	2.85	
15	Sab	0:00	1.08	
		6:10	2.88	
		12:40	0.83	
		19:00	3.05	
16	Dom	1:00	0.91	
		7:10	3.03	
		13:30	0.72	
		19:40	3.24	
17	Seg	2:00	0.74	
		8:00	3.16	
		14:10	0.65	
		20:20	3.4	
18	Ter	2:40	0.61	
		8:50	3.26	
		14:40	0.61	
		20:50	3.51	
19	Qua	3:20	0.52	
		9:30	3.31	
		15:10	0.6	
		21:30	3.59	
20	Qui	4:00	0.47	
		10:00	3.31	
		15:40	0.61	
		22:00	3.61	
21	Sex	4:30	0.46	
		10:40	3.26	
		16:10	0.66	
		22:30	3.6	
22	Sab	5:10	0.46	
		11:10	3.18	
		16:40	0.74	
		23:00	3.56	
23	Dom	5:40	0.52	
		11:40	3.09	
		17:10	0.82	
		23:40	3.47	
24	Seg	6:20	0.57	
		12:20	2.99	
		17:50	0.87	
25	Ter	0:20	3.36	
		7:00	0.63	
		13:00	2.89	
		18:30	0.93	
26	Qua	1:00	3.23	
		7:50	0.69	
		13:50	2.81	
		19:30	0.94	
27	Qui	2:00	3.11	
		8:50	0.75	
		15:00	2.75	
		20:40	0.94	
28	Sex	3:00	3.04	
		9:50	0.83	
		16:10	2.78	
		22:00	0.93	
29	Sab	4:20	3.04	
		10:50	0.83	
		17:10	2.95	
		23:20	0.85	
30	Dom	5:30	3.14	
		11:50	0.75	
		18:10	3.21	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	0:30	0.7	
		6:40	3.31	
		12:50	0.62	
		19:10	3.49	
2	Ter	1:30	0.54	
		7:40	3.48	
		13:40	0.52	
		20:00	3.73	
3	Qua	2:30	0.42	
		8:40	3.62	
		14:30	0.47	
		20:50	3.9	
4	Qui	3:20	0.34	
		9:30	3.71	
		15:10	0.5	
		21:30	3.98	
5	Sex	4:10	0.29	
		10:20	3.71	
		16:00	0.52	
		22:20	3.98	
6	Sab	5:00	0.25	
		11:00	3.64	
		16:40	0.59	
		23:00	3.88	
7	Dom	5:40	0.31	
		11:50	3.49	
		17:30	0.61	
		23:40	3.72	
8	Seg	6:30	0.34	
		12:40	3.31	
		18:10	0.69	
9	Ter	0:30	3.52	
		7:20	0.42	
		13:30	3.1	
		19:00	0.73	
10	Qua	1:20	3.3	
		8:10	0.56	
		14:20	2.91	
		20:00	0.78	
11	Qui	2:10	3.09	
		9:00	0.73	
		15:20	2.77	
		21:00	0.89	
12	Sex	3:10	2.91	
		10:00	0.88	
		16:20	2.72	
		22:10	1.02	
13	Sab	4:20	2.79	
		10:50	0.95	
		17:10	2.77	
		23:20	1.06	
14	Dom	5:30	2.76	
		11:40	0.94	
		18:10	2.9	
		0:20	0.99	
		6:30	2.81	
		12:30	0.89	
16	Ter	1:20	3.04	
		7:20	2.89	
		13:10	0.82	
		19:40	3.2	
17	Qua	2:10	0.78	
		8:10	2.98	
		13:50	0.77	
		20:20	3.34	
18	Qui	2:50	0.7	
		9:00	3.05	
		14:30	0.74	
		20:50	3.45	
19	Sex	3:40	0.62	
		9:40	3.11	
		15:10	0.72	
		21:30	3.54	
20	Sab	4:10	0.58	
		10:10	3.14	
		15:40	0.76	
		22:10	3.58	
21	Dom	4:50	0.54	
		10:50	3.14	
		16:20	0.78	
		22:50	3.59	
22	Seg	5:30	0.5	
		11:30	3.13	
		17:00	0.79	
		23:20	3.56	
23	Ter	6:10	0.48	
		12:10	3.1	
		17:40	0.8	
24	Qua	0:10	3.5	
		6:50	0.48	
		12:50	3.08	
		18:30	0.76	
25	Qui	0:50	3.41	
		7:30	0.52	
		13:40	3.05	
		19:20	0.75	
26	Sex	1:40	3.32	
		8:20	0.56	
		14:30	3.04	
		20:30	0.71	
27	Sab	2:40	3.24	
		9:10	0.65	
		15:30	3.04	
		21:30	0.77	
28	Dom	3:50	3.16	
		10:10	0.73	
		16:30	3.1	
		22:50	0.8	
29	Seg	5:00	3.13	
		11:10	0.76	
		17:30	3.23	
30	Ter	0:00	0.77	
		6:10	3.18	
		12:10	0.73	
		18:40	3.41	
31	Qua	1:10	0.67	
		7:20	3.28	
		13:10	0.67	
		21:00	3.23	

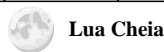
Simbologia das fases lunares:
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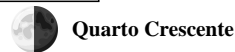
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente