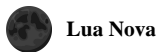


Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	5:40	0.7	
		12:10	2.68	
		17:40	0.75	
2	Qui	0:00	3.07	
		6:50	0.62	
		12:50	2.71	
		18:20	0.78	
3	Sex	0:40	3.09	
		7:30	0.61	
		13:40	2.73	
		19:10	0.79	
4	Sab	1:30	3.09	
		8:20	0.58	
		14:30	2.76	
		20:10	0.78	
5	Dom	2:20	3.07	
		9:00	0.58	
		15:10	2.8	
		21:00	0.78	
6	Seg	3:10	3.01	
		9:40	0.61	
		16:00	2.84	
		22:00	0.78	
7	Ter	4:10	2.91	
		10:30	0.67	
		16:50	2.86	
		23:10	0.79	
8	Qua	5:10	2.79	
		11:20	0.74	
		17:40	2.88	
9	Qui	0:10	0.82	
		6:20	2.67	
		12:10	0.83	
		18:40	2.88	
10	Sex	1:30	0.85	
		7:30	2.59	
		13:10	0.91	
		19:40	2.89	
11	Sab	2:40	0.83	
		8:40	2.59	
		14:10	0.96	
		20:40	2.91	
12	Dom	3:40	0.78	
		9:50	2.63	
		15:20	0.95	
		21:40	2.94	
13	Seg	4:40	0.69	
		10:50	2.7	
		16:10	0.92	
		22:40	2.99	
14	Ter	5:30	0.64	
		11:40	2.77	
		17:10	0.87	
		23:30	3.02	
15	Qua	6:20	0.59	
		12:30	2.8	
		17:50	0.84	
16	Qui	0:10	3.05	
		7:00	0.61	
		13:10	2.81	
		18:30	0.82	
17	Sex	0:50	3.04	
		7:40	0.64	
		13:40	2.79	
		19:10	0.82	
18	Sab	1:30	3.01	
		8:10	0.7	
		14:20	2.74	
		19:50	0.83	
19	Dom	2:00	2.95	
		8:40	0.74	
		14:50	2.7	
		20:30	0.85	
20	Seg	2:40	2.85	
		9:10	0.79	
		15:20	2.66	
		21:10	0.88	
21	Ter	3:20	2.71	
		9:40	0.85	
		15:50	2.62	
		22:10	0.92	
22	Qua	4:10	2.55	
		10:10	0.93	
		16:40	2.6	
		23:10	0.97	
23	Qui	5:00	2.4	
		10:50	1.02	
		17:30	2.59	
24	Sex	0:10	1.0	
		6:10	2.29	
		11:40	1.08	
		18:20	2.61	
25	Sab	1:30	1.04	
		7:30	2.27	
		12:40	1.09	
		19:30	2.67	
26	Dom	2:40	1.01	
		8:40	2.33	
		13:50	1.02	
		20:30	2.77	
27	Seg	3:30	0.92	
		9:30	2.45	
		15:00	0.92	
		21:30	2.89	
28	Ter	4:30	0.78	
		10:20	2.6	
		16:00	0.8	
		22:30	3.01	
29	Qua	5:10	0.67	
		11:10	2.75	
		16:50	0.68	
		23:10	3.15	
30	Qui	5:50	0.56	
		11:50	2.87	
		17:40	0.59	
31	Sex	0:00	3.25	
		6:30	0.47	
		12:40	2.96	
		18:20	0.54	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	0:40	3.32	
		7:10	0.42	
		13:20	3.02	
		19:10	0.51	
2	Dom	1:20	3.33	
		7:50	0.41	
		14:00	3.03	
		19:50	0.54	
3	Seg	2:10	3.26	
		8:30	0.46	
		14:40	3.01	
		20:40	0.59	
4	Ter	2:50	3.12	
		9:10	0.57	
		15:20	2.95	
		21:40	0.67	
5	Qua	3:50	2.9	
		9:50	0.71	
		16:10	2.84	
		22:40	0.8	
6	Qui	4:50	2.65	
		10:40	0.88	
		17:00	2.72	
		23:50	0.94	
7	Sex	6:00	2.43	
		11:40	1.05	
		18:10	2.62	
8	Sab	1:20	1.04	
		7:40	2.33	
		12:50	1.18	
		19:30	2.6	
9	Dom	2:40	0.97	
		9:00	2.4	
		14:20	1.2	
		20:50	2.68	
10	Seg	3:50	0.78	
		10:00	2.57	
		15:30	1.07	
		21:50	2.82	
11	Ter	4:50	0.58	
		10:50	2.73	
		16:20	0.91	
		22:50	2.96	
12	Qua	5:30	0.5	
		11:30	2.86	
		17:10	0.76	
		23:30	3.08	
13	Qui	6:00	0.52	
		12:00	2.95	
		17:50	0.66	
14	Sex	0:00	3.15	
		6:30	0.55	
		12:30	2.97	
		18:20	0.62	
15	Sab	0:30	3.17	
		7:00	0.58	
		13:00	2.95	
		18:50	0.61	
16	Dom	1:00	3.14	
		7:20	0.63	
		13:20	2.9	
		19:20	0.63	
17	Seg	1:30	3.06	
		7:50	0.67	
		13:50	2.83	
		19:50	0.68	
18	Ter	2:00	2.92	
		8:10	0.74	
		14:10	2.77	
		20:30	0.76	
19	Qua	2:30	2.73	
		8:30	0.86	
		14:40	2.7	
		21:10	0.87	
20	Qui	3:10	2.51	
		9:00	1.0	
		15:20	2.61	
		22:10	1.0	
21	Sex	4:10	2.27	
		9:40	1.16	
		16:10	2.49	
		23:20	1.11	
22	Sab	5:20	2.1	
		10:30	1.29	
		17:30	2.41	
23	Dom	0:50	1.2	
		7:00	2.1	
		12:10	1.26	
		19:00	2.48	
24	Seg	2:20	1.16	
		8:30	2.25	
		13:40	1.14	
		20:20	2.66	
25	Ter	3:20	0.96	
		9:20	2.5	
		15:00	0.94	
		21:30	2.88	
26	Qua	4:10	0.74	
		10:10	2.75	
		15:50	0.71	
		22:20	3.11	
27	Qui	4:50	0.55	
		10:50	2.98	
		16:40	0.5	
		23:00	3.31	
28	Sex	5:30	0.39	
		11:30	3.15	
		17:30	0.33	
		23:50	3.44	

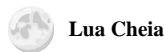
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



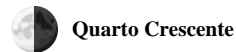
Lua Nova



Quarto Minguante



Lua Cheia

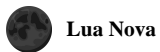


Quarto Crescente

Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	6:10	0.29	
		12:10	3.25	
		18:10	0.27	
2	Dom	0:30	3.5	
		6:40	0.29	
		12:50	3.28	
		18:50	0.28	
3	Seg	1:10	3.46	
		7:20	0.32	
		13:20	3.25	
		19:40	0.34	
4	Ter	1:50	3.33	
		8:00	0.44	
		14:00	3.14	
		20:20	0.49	
5	Qua	2:40	3.08	
		8:40	0.62	
		14:50	2.95	
		21:20	0.65	
6	Qui	3:30	2.78	
		9:20	0.85	
		15:40	2.73	
		22:20	0.85	
7	Sex	4:40	2.47	
		10:20	1.07	
		16:40	2.52	
		23:50	1.05	
8	Sab	6:20	2.26	
		11:30	1.27	
		18:00	2.41	
9	Dom	1:30	1.05	
		8:00	2.29	
		13:20	1.35	
		19:40	2.48	
10	Seg	2:50	0.83	
		9:10	2.49	
		14:40	1.16	
		20:50	2.67	
11	Ter	3:40	0.64	
		10:00	2.71	
		15:40	0.88	
		21:50	2.88	
12	Qua	4:30	0.52	
		10:30	2.9	
		16:20	0.67	
		22:30	3.06	
13	Qui	5:00	0.44	
		11:00	3.04	
		16:50	0.55	
		23:10	3.17	
14	Sex	5:30	0.45	
		11:20	3.11	
		17:20	0.47	
		23:40	3.23	
15	Sab	5:50	0.51	
		11:50	3.12	
		17:50	0.43	
16	Dom	0:10	3.23	
		6:20	0.52	
		12:10	3.09	
		18:20	0.43	
17	Seg	0:40	3.17	
		6:40	0.56	
		12:30	3.03	
		18:50	0.49	
18	Ter	1:00	3.05	
		7:00	0.63	
		13:00	2.95	
		19:20	0.59	
19	Qua	1:30	2.88	
		7:20	0.75	
		13:20	2.88	
		19:50	0.72	
20	Qui	2:00	2.66	
		7:40	0.9	
		13:50	2.79	
		20:30	0.87	
21	Sex	2:40	2.42	
		8:10	1.07	
		14:30	2.64	
		21:30	1.03	
22	Sab	3:30	2.18	
		8:40	1.25	
		15:20	2.45	
		22:40	1.16	
23	Dom	5:00	2.03	
		10:00	1.39	
		16:50	2.3	
24	Seg	0:20	1.23	
		7:00	2.12	
		12:00	1.31	
		18:40	2.44	
25	Ter	1:50	1.13	
		8:00	2.37	
		13:40	1.13	
		20:00	2.69	
26	Qua	2:40	0.92	
		8:50	2.68	
		14:50	0.83	
		21:10	2.97	
27	Qui	3:30	0.67	
		9:30	2.98	
		15:40	0.52	
		22:00	3.22	
28	Sex	4:10	0.48	
		10:10	3.23	
		16:20	0.31	
		22:40	3.43	
29	Sab	4:50	0.33	
		10:50	3.4	
		17:10	0.14	
		23:20	3.55	
30	Dom	5:30	0.25	
		11:30	3.47	
		17:50	0.11	
31	Seg	0:10	3.54	
		6:10	0.25	
		12:10	3.45	
		18:30	0.18	

Dia	Abriu	Hora	Altura (m)	Fase Lunar
1	Ter	0:50	3.44	
		6:50	0.34	
		12:50	3.34	
		19:20	0.29	
2	Qua	1:30	3.25	
		7:30	0.51	
		13:30	3.15	
		20:10	0.47	
3	Qui	2:30	2.94	
		8:10	0.74	
		14:20	2.9	
		21:00	0.69	
4	Sex	3:30	2.63	
		9:00	0.99	
		15:10	2.64	
		22:20	0.89	
5	Sab	4:50	2.37	
		10:10	1.22	
		16:20	2.43	
		23:50	1.02	
6	Dom	6:40	2.27	
		11:50	1.39	
		18:00	2.38	
7	Seg	1:10	0.95	
		8:00	2.42	
		13:30	1.26	
		19:30	2.52	
8	Ter	2:20	0.74	
		8:40	2.65	
		14:30	0.98	
		20:30	2.73	
9	Qua	3:00	0.63	
		9:20	2.87	
		15:20	0.7	
		21:20	2.93	
10	Qui	3:40	0.53	
		9:50	3.04	
		15:50	0.53	
		22:10	3.07	
11	Sex	4:10	0.51	
		10:10	3.16	
		16:30	0.37	
		22:40	3.17	
12	Sab	4:40	0.49	
		10:40	3.22	
		17:00	0.32	
		23:10	3.21	
13	Dom	5:10	0.48	
		11:10	3.22	
		17:20	0.33	
		23:40	3.18	
14	Seg	5:30	0.51	
		11:30	3.17	
		17:50	0.37	
15	Ter	0:10	3.08	
		5:50	0.56	
		11:50	3.1	
		18:20	0.46	
16	Qua	0:30	2.94	
		6:10	0.67	
		12:20	3.02	
		18:50	0.59	
17	Qui	1:00	2.75	
		6:40	0.81	
		12:40	2.94	
		19:30	0.74	
18	Sex	1:40	2.53	
		7:00	0.97	
		13:20	2.81	
		20:10	0.89	
19	Sab	2:30	2.31	
		7:30	1.14	
		14:00	2.64	
		21:10	1.02	
20	Dom	3:30	2.15	
		8:30	1.29	
		15:00	2.44	
		22:30	1.1	
21	Seg	5:00	2.13	
		10:00	1.34	
		16:30	2.37	
		23:50	1.12	
22	Ter	6:30	2.3	
		12:00	1.23	
		18:10	2.53	
23	Qua	1:00	1.01	
		7:20	2.58	
		13:20	1.01	
		19:30	2.78	
24	Qui	1:50	0.83	
		8:10	2.88	
		14:20	0.71	
		20:30	3.03	
25	Sex	2:40	0.64	
		8:50	3.16	
		15:10	0.44	
		21:20	3.25	
26	Sab	3:20	0.48	
		9:30	3.38	
		16:00	0.23	
		22:10	3.39	
27	Dom	4:10	0.35	
		10:20	3.5	
		16:40	0.15	
		23:00	3.45	
28	Seg	4:50	0.31	
		11:00	3.53	
		17:30	0.14	
		23:40	3.42	
29	Ter	5:30	0.35	
		11:40	3.46	
		18:10	0.24	
30	Qua	0:30	3.28	
		6:20	0.46	
		12:30	3.3	
		19:00	0.37	

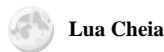
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



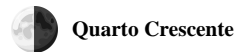
Lua Nova



Quarto Minguante



Lua Cheia

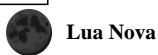


Quarto Crescente

Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	1:20	3.07	
		7:00	0.64	
		13:10	3.09	
		20:00	0.53	
2	Sex	2:20	2.81	
		7:50	0.86	
		14:00	2.85	
		21:00	0.71	
3	Sab	3:30	2.56	
		8:50	1.08	
		15:00	2.63	
		22:10	0.86	
4	Dom	4:50	2.41	
		10:10	1.26	
		16:10	2.49	
		23:20	0.92	
5	Seg	6:10	2.41	
		11:40	1.32	
		17:30	2.47	
		0:30	0.88	
6	Ter	7:10	2.54	
		13:00	1.16	
		18:50	2.56	
		1:30	0.77	
7	Qua	7:50	2.73	
		13:50	0.94	
		19:50	2.71	
		2:10	0.72	
		8:30	2.9	
		14:40	0.7	
		20:40	2.85	
9	Sex	2:50	0.65	
		9:00	3.05	
		15:20	0.52	
		21:20	2.97	
10	Sab	3:20	0.61	
		9:30	3.15	
		15:50	0.42	
		22:00	3.03	
11	Dom	3:50	0.57	
		10:00	3.21	
		16:30	0.36	
		22:40	3.03	
12	Seg	4:30	0.54	
		10:20	3.21	
		17:00	0.37	
		23:10	2.99	
13	Ter	4:40	0.57	
		10:50	3.16	
		17:30	0.44	
		23:40	2.89	
14	Qua	5:10	0.63	
		11:20	3.09	
		18:00	0.54	
		0:10	2.76	
15	Qui	5:40	0.74	
		11:50	3.01	
		18:40	0.66	
		0:50	2.6	
16	Sex	6:10	0.88	
		12:30	2.9	
		19:20	0.77	
		1:30	2.45	
		6:40	1.03	
		13:00	2.8	
		20:10	0.87	
18	Dom	2:30	2.32	
		7:30	1.14	
		13:50	2.67	
		21:10	0.93	
19	Seg	3:30	2.28	
		8:40	1.2	
		15:00	2.57	
		22:10	0.95	
20	Ter	4:40	2.36	
		10:10	1.16	
		16:20	2.58	
		23:10	0.92	
21	Qua	5:40	2.53	
		11:30	1.05	
		17:40	2.69	
		0:10	0.84	
22	Qui	6:30	2.77	
		12:40	0.88	
		18:50	2.84	
		1:00	0.74	
23	Sex	7:20	3.01	
		13:50	0.66	
		19:50	2.99	
		1:50	0.63	
24	Sab	8:10	3.22	
		14:40	0.49	
		20:50	3.1	
25	Dom	2:40	0.54	
		9:00	3.36	
		15:30	0.37	
		21:40	3.18	
26	Seg	3:30	0.49	
		9:40	3.43	
		16:20	0.33	
		22:30	3.19	
27	Ter	4:20	0.48	
		10:30	3.41	
		17:10	0.35	
		23:20	3.15	
28	Qua	5:00	0.54	
		11:20	3.33	
		18:00	0.41	
		0:20	3.03	
29	Qui	5:50	0.63	
		12:10	3.19	
		19:00	0.49	
		1:10	2.9	
30	Sex	6:40	0.77	
		13:00	3.03	
		19:50	0.6	
31	Sab	2:10	2.75	
		7:40	0.92	
		13:50	2.88	
		20:50	0.69	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	3:20	2.6	
		8:30	1.06	
		14:40	2.74	
		21:50	0.77	
2	Seg	4:20	2.53	
		9:40	1.16	
		15:40	2.64	
		22:40	0.84	
3	Ter	5:20	2.53	
		10:50	1.18	
		16:50	2.59	
		23:40	0.86	
4	Qua	6:10	2.59	
		12:00	1.11	
		17:50	2.59	
5	Qui	0:20	0.88	
		6:50	2.7	
		13:00	0.98	
		18:50	2.62	
6	Sex	1:00	0.86	
		7:30	2.82	
		13:50	0.82	
		19:50	2.68	
7	Sab	1:40	0.82	
		8:00	2.93	
		14:30	0.69	
		20:40	2.73	
8	Dom	2:20	0.76	
		8:40	3.02	
		15:20	0.59	
		21:20	2.77	
9	Seg	2:50	0.71	
		9:10	3.07	
		16:00	0.55	
		22:00	2.77	
10	Ter	3:30	0.68	
		9:50	3.09	
		16:40	0.55	
		22:40	2.75	
11	Qua	4:10	0.68	
		10:30	3.06	
		17:20	0.59	
		23:20	2.7	
12	Qui	4:40	0.74	
		11:10	3.02	
		18:00	0.65	
		0:00	2.63	
13	Sex	5:20	0.81	
		11:40	2.97	
		18:40	0.7	
		0:40	2.56	
14	Sab	6:00	0.89	
		12:20	2.93	
		19:20	0.75	
		1:30	2.51	
15	Dom	6:50	0.95	
		13:10	2.88	
		20:10	0.76	
16	Seg	7:40	0.99	
		14:00	2.85	
		20:50	0.77	
17	Ter	8:30	2.54	
		14:50	0.99	
		21:40	0.75	
18	Qua	4:00	2.62	
		9:50	0.94	
		15:50	2.81	
		22:30	0.74	
19	Qui	4:50	2.74	
		11:00	0.88	
		17:00	2.8	
		23:20	0.73	
20	Sex	5:50	2.87	
		12:10	0.81	
		18:10	2.8	
21	Sab	0:10	0.72	
		6:40	3.0	
		13:10	0.74	
		19:10	2.81	
22	Dom	1:00	0.72	
		7:30	3.1	
		14:10	0.68	
		20:20	2.82	
23	Seg	2:00	0.72	
		8:30	3.15	
		15:10	0.64	
		21:20	2.85	
24	Ter	3:00	0.72	
		9:20	3.18	
		16:10	0.6	
		22:20	2.87	
25	Qua	3:50	0.73	
		10:20	3.17	
		17:10	0.56	
		23:20	2.88	
26	Qui	4:50	0.74	
		11:10	3.15	
		18:00	0.56	
		0:10	2.88	
27	Sex	5:40	0.77	
		12:00	3.11	
		19:00	0.53	
28	Sab	1:10	2.83	
		6:30	0.82	
		12:50	3.05	
		19:40	0.59	
29	Dom	2:00	2.78	
		7:20	0.88	
		13:40	2.98	
		20:30	0.64	
30	Seg	2:50	2.71	
		8:10	0.93	
		14:20	2.9	
		21:10	0.72	

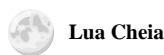
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



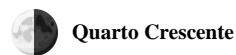
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

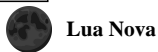
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	3:30	2.67	
		9:00	0.98	
		15:10	2.81	
		21:50	0.79	
2	Qua	4:10	2.63	
		9:50	1.0	
		15:50	2.7	
		22:30	0.86	
3	Qui	4:50	2.62	
		10:50	1.01	
		16:50	2.6	
		23:10	0.91	
4	Sex	5:30	2.64	
		11:50	0.99	
		17:50	2.51	
		23:50	0.94	
5	Sab	6:20	2.68	
		12:50	0.96	
		18:50	2.45	
		0:30	0.96	
		7:00	2.74	
		13:50	0.91	
		19:50	2.44	
7	Seg	1:20	0.94	
		7:50	2.8	
		14:50	0.86	
		20:50	2.46	
8	Ter	2:10	0.91	
		8:40	2.86	
		15:40	0.8	
		21:40	2.51	
9	Qua	3:00	0.86	
		9:30	2.91	
		16:30	0.75	
		22:30	2.57	
10	Qui	3:50	0.81	
		10:20	2.96	
		17:10	0.71	
		23:10	2.62	
11	Sex	4:40	0.77	
		11:00	3.0	
		17:50	0.68	
		23:50	2.66	
12	Sab	5:30	0.76	
		11:50	3.04	
		18:30	0.65	
		0:40	2.7	
		6:10	0.75	
		12:30	3.08	
		19:10	0.62	
		1:20	2.73	
		6:50	0.76	
		13:10	3.1	
		19:50	0.59	
15	Ter	2:00	2.77	
		7:40	0.75	
		13:50	3.1	
		20:30	0.59	
16	Qua	2:40	2.81	
		8:30	0.74	
		14:40	3.05	
		21:10	0.61	
		3:20	2.85	
		9:20	0.75	
		15:30	2.96	
		21:50	0.65	
18	Sex	4:10	2.87	
		10:20	0.77	
		16:30	2.81	
		22:40	0.73	
19	Sab	5:00	2.86	
		11:30	0.82	
		17:30	2.66	
		23:30	0.82	
20	Dom	6:00	2.84	
		12:40	0.89	
		18:50	2.54	
21	Seg	0:30	0.92	
		7:00	2.83	
		14:00	0.92	
		20:10	2.51	
22	Ter	1:30	0.98	
		8:10	2.85	
		15:10	0.87	
		21:20	2.57	
23	Qua	2:50	0.99	
		9:20	2.91	
		16:20	0.72	
		22:30	2.68	
24	Qui	3:50	0.93	
		10:20	2.99	
		17:10	0.62	
		23:20	2.8	
25	Sex	4:50	0.84	
		11:20	3.07	
		18:00	0.53	
26	Sab	0:10	2.88	
		5:40	0.76	
		12:00	3.13	
		18:40	0.52	
		0:50	2.92	
		6:20	0.73	
		12:40	3.15	
		19:20	0.54	
28	Seg	1:30	2.91	
		7:00	0.73	
		13:20	3.12	
		19:50	0.61	
29	Ter	2:00	2.86	
		7:40	0.75	
		13:50	3.05	
		20:20	0.68	
30	Qua	2:30	2.79	
		8:20	0.78	
		14:30	2.93	
		20:50	0.75	
31	Qui	3:00	2.72	
		9:00	0.84	
		15:00	2.77	
		21:20	0.84	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	3:30	2.65	
		9:40	0.9	
		15:50	2.58	
		21:50	0.94	
2	Sab	4:10	2.58	
		10:40	0.97	
		16:40	2.38	
		22:30	1.05	
3	Dom	5:00	2.53	
		11:50	1.05	
		17:50	2.23	
		23:20	1.14	
4	Seg	6:00	2.51	
		13:10	1.12	
		19:10	2.18	
5	Ter	0:20	1.17	
		7:10	2.55	
		14:30	1.1	
		20:30	2.25	
6	Qua	1:40	1.11	
		8:20	2.66	
		15:30	0.97	
		21:30	2.39	
7	Qui	2:50	0.99	
		9:20	2.8	
		16:20	0.82	
		22:20	2.56	
8	Sex	3:50	0.84	
		10:20	2.95	
		17:00	0.68	
		23:00	2.73	
9	Sab	4:40	0.69	
		11:00	3.1	
		17:40	0.56	
		23:40	2.86	
10	Dom	5:20	0.58	
		11:40	3.22	
		18:10	0.49	
		0:10	2.97	
		6:00	0.52	
		12:20	3.3	
		18:50	0.43	
		0:50	3.03	
		6:40	0.5	
		13:00	3.33	
		19:20	0.43	
13	Qua	1:30	3.06	
		7:30	0.49	
		13:40	3.29	
		20:00	0.46	
		2:10	3.04	
		8:10	0.55	
		14:20	3.17	
		20:40	0.55	
15	Sex	2:50	2.99	
		9:00	0.63	
		15:10	2.96	
		21:20	0.68	
16	Sab	3:30	2.89	
		10:00	0.75	
		16:10	2.7	
		22:00	0.85	
17	Dom	4:20	2.75	
		11:10	0.91	
		17:20	2.45	
		23:00	1.02	
18	Seg	5:30	2.61	
		12:40	1.06	
		18:50	2.32	
19	Ter	0:10	1.17	
		6:50	2.56	
		14:10	1.03	
		20:30	2.36	
20	Qua	1:50	1.22	
		8:20	2.64	
		15:20	0.84	
		21:40	2.54	
21	Qui	3:10	1.08	
		9:30	2.81	
		16:20	0.61	
		22:30	2.75	
22	Sex	4:10	0.85	
		10:30	2.98	
		17:10	0.45	
		23:10	2.92	
23	Sab	4:50	0.7	
		11:10	3.13	
		17:40	0.44	
		23:40	3.03	
24	Dom	5:30	0.59	
		11:50	3.22	
		18:20	0.43	
25	Seg	0:10	3.07	
		6:10	0.53	
		12:20	3.25	
		18:50	0.49	
26	Ter	0:40	3.05	
		6:40	0.53	
		12:50	3.21	
		19:10	0.58	
27	Qua	1:10	2.99	
		7:10	0.57	
		13:20	3.12	
		19:30	0.64	
28	Qui	1:30	2.9	
		7:40	0.63	
		13:50	2.97	
		20:00	0.72	
29	Sex	2:00	2.81	
		8:10	0.73	
		14:20	2.76	
		20:20	0.85	
30	Sab	2:20	2.71	
		8:50	0.85	
		15:00	2.51	
		20:40	1.02	
31	Dom	3:00	2.59	
		9:40	1.0	
		15:50	2.26	
		21:10	1.2	

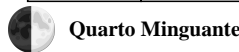
Simbologia das fases lunares:

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

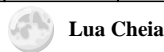
Dados de nível sem Georreferenciamento



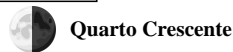
Lua Nova



Quarto Minguante



Lua Cheia

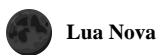


Quarto Crescente

Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	3:50	2.44	
		11:00	1.13	
		17:10	2.06	
		22:10	1.35	
2	Ter	5:00	2.32	
		12:40	1.26	
		19:00	2.05	
		23:50	1.33	
3	Qua	6:40	2.38	
		14:10	1.2	
		20:20	2.21	
4	Qui	1:30	1.21	
		8:10	2.57	
		15:10	0.99	
		21:10	2.46	
5	Sex	2:50	0.99	
		9:10	2.81	
		15:50	0.78	
		21:50	2.72	
6	Sab	3:40	0.73	
		10:00	3.05	
		16:30	0.58	
		22:30	2.95	
7	Dom	4:30	0.49	
		10:50	3.25	
		17:10	0.42	
		23:00	3.13	
8	Seg	5:10	0.33	
		11:30	3.39	
		17:40	0.34	
		23:40	3.25	
9	Ter	5:50	0.25	
		12:10	3.47	
		18:20	0.29	
10	Qua	6:20	3.3	
		6:30	0.25	
		12:40	3.47	
		18:50	0.34	
11	Qui	1:00	3.27	
		7:10	0.31	
		13:30	3.34	
		19:30	0.42	
12	Sex	1:30	3.2	
		7:50	0.44	
		14:10	3.14	
		20:10	0.58	
13	Sab	2:10	3.05	
		8:40	0.6	
		15:00	2.85	
		20:50	0.79	
14	Dom	3:00	2.83	
		9:50	0.78	
		16:10	2.53	
		21:40	1.02	
15	Seg	4:00	2.59	
		11:00	0.98	
		17:40	2.3	
		22:50	1.22	
16	Ter	5:20	2.44	
		12:40	1.08	
		19:20	2.29	
17	Qua	6:40	1.34	
		7:00	2.46	
		14:10	0.9	
		20:40	2.47	
18	Qui	2:10	1.19	
		8:20	2.64	
		15:10	0.68	
		21:30	2.72	
19	Sex	3:10	0.9	
		9:30	2.87	
		16:00	0.49	
		22:10	2.93	
20	Sab	4:00	0.64	
		10:20	3.06	
		16:40	0.4	
		22:40	3.09	
21	Dom	4:40	0.46	
		10:50	3.2	
		17:10	0.41	
		23:10	3.18	
22	Seg	5:10	0.39	
		11:30	3.26	
		17:40	0.44	
		23:30	3.19	
23	Ter	5:40	0.38	
		12:00	3.26	
		18:00	0.51	
24	Qua	6:10	3.16	
		6:10	0.4	
		12:20	3.2	
		18:20	0.56	
25	Qui	6:20	3.08	
		6:40	0.46	
		12:50	3.07	
		18:40	0.63	
26	Sex	6:40	2.99	
		7:00	0.56	
		13:20	2.89	
		19:00	0.75	
27	Sab	1:10	2.89	
		7:40	0.69	
		13:50	2.66	
		19:20	0.9	
28	Dom	1:30	2.78	
		8:20	0.85	
		14:30	2.41	
		19:50	1.08	
29	Seg	2:10	2.62	
		9:10	1.02	
		15:20	2.16	
		20:20	1.28	
30	Ter	3:00	2.42	
		10:20	1.15	
		16:50	2.02	
		21:30	1.43	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	4:20	2.25	
		12:00	1.24	
		18:50	2.09	
		23:40	1.35	
2	Qui	6:10	2.36	
		13:20	1.16	
		19:50	2.34	
3	Sex	1:30	1.18	
		7:40	2.61	
		14:20	0.95	
		20:30	2.64	
4	Sab	2:30	0.88	
		8:40	2.89	
		15:00	0.74	
		21:10	2.93	
5	Dom	3:20	0.57	
		9:30	3.14	
		15:40	0.55	
		21:50	3.18	
6	Seg	4:00	0.34	
		10:20	3.34	
		16:20	0.39	
		22:30	3.36	
7	Ter	4:40	0.2	
		11:00	3.47	
		17:00	0.3	
		23:10	3.46	
8	Qua	5:30	0.11	
		11:40	3.51	
		17:40	0.27	
		23:40	3.48	
9	Qui	6:10	0.15	
		12:20	3.44	
		18:20	0.33	
10	Sex	6:20	3.4	
		6:50	0.27	
		13:10	3.26	
		19:00	0.48	
11	Sab	1:10	3.22	
		7:40	0.42	
		14:00	3.01	
		19:40	0.68	
12	Dom	1:50	3.01	
		8:40	0.6	
		15:00	2.72	
		20:30	0.92	
13	Seg	2:40	2.76	
		9:40	0.8	
		16:20	2.46	
		21:40	1.13	
14	Ter	3:50	2.53	
		11:10	0.94	
		18:00	2.33	
		23:10	1.3	
15	Qua	5:20	2.44	
		12:30	0.93	
		19:20	2.44	
16	Qui	6:50	1.27	
		6:50	2.52	
		13:40	0.78	
		20:10	2.66	
17	Sex	2:00	1.01	
		8:00	2.71	
		14:40	0.6	
		20:50	2.87	
18	Sab	2:50	0.74	
		9:00	2.9	
		15:20	0.52	
		21:30	3.04	
19	Dom	3:30	0.54	
		9:40	3.05	
		15:50	0.51	
		22:00	3.17	
20	Seg	4:10	0.39	
		10:20	3.15	
		16:20	0.51	
		22:20	3.23	
21	Ter	4:40	0.34	
		11:00	3.17	
		16:50	0.52	
		22:50	3.24	
22	Qua	5:10	0.34	
		11:20	3.16	
		17:10	0.54	
		23:10	3.19	
23	Qui	5:40	0.38	
		11:50	3.07	
		17:40	0.57	
		23:40	3.11	
24	Sex	6:10	0.47	
		12:20	2.92	
		18:00	0.66	
25	Sab	6:00	3.02	
		6:40	0.59	
		12:50	2.73	
		18:20	0.81	
26	Dom	6:30	2.91	
		7:20	0.72	
		13:30	2.52	
		18:50	0.97	
27	Seg	1:00	2.79	
		8:00	0.87	
		14:10	2.32	
		19:20	1.14	
28	Ter	1:40	2.63	
		8:50	1.0	
		15:20	2.16	
		20:10	1.29	
29	Qua	2:40	2.45	
		10:10	1.08	
		16:40	2.13	
		21:40	1.34	
30	Qui	4:00	2.35	
		11:20	1.1	
		18:00	2.27	
		23:30	1.25	
31	Sex	5:40	2.48	
		12:30	1.02	
		19:00	2.52	

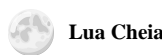
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



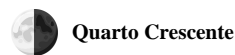
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

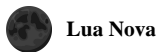
Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	0:50	1.06	
		7:00	2.7	
		13:20	0.87	
		19:40	2.81	
2	Dom	1:50	0.79	
		8:00	2.93	
		14:10	0.69	
		20:20	3.09	
3	Seg	2:50	0.51	
		9:00	3.13	
		14:50	0.54	
		21:10	3.31	
4	Ter	3:30	0.33	
		9:40	3.29	
		15:40	0.41	
		21:50	3.46	
5	Qua	4:20	0.2	
		10:30	3.36	
		16:20	0.35	
		22:30	3.52	
6	Qui	5:00	0.19	
		11:20	3.35	
		17:00	0.37	
		23:20	3.48	
7	Sex	5:50	0.23	
		12:00	3.27	
		17:50	0.44	
8	Sab	0:00	3.36	
		6:40	0.34	
		13:00	3.09	
		18:40	0.58	
9	Dom	0:50	3.18	
		7:30	0.48	
		13:50	2.89	
		19:30	0.77	
10	Seg	1:40	2.97	
		8:30	0.62	
		15:00	2.67	
		20:20	0.97	
11	Ter	2:30	2.77	
		9:40	0.74	
		16:20	2.52	
		21:40	1.14	
12	Qua	3:40	2.61	
		10:50	0.81	
		17:40	2.48	
		23:00	1.22	
13	Qui	5:00	2.56	
		12:00	0.8	
		18:40	2.58	
14	Sex	0:20	1.14	
		6:20	2.59	
		12:50	0.79	
		19:30	2.72	
15	Sab	1:20	0.96	
		7:20	2.7	
		13:40	0.74	
		20:00	2.88	
16	Dom	2:10	0.76	
		8:20	2.8	
		14:20	0.71	
		20:40	3.01	
17	Seg	3:00	0.58	
		9:00	2.9	
		15:00	0.67	
		21:10	3.11	
18	Ter	3:40	0.47	
		9:40	2.95	
		15:30	0.64	
		21:40	3.16	
19	Qua	4:10	0.44	
		10:20	2.96	
		16:00	0.62	
		22:10	3.17	
20	Qui	4:50	0.44	
		10:50	2.93	
		16:30	0.61	
		22:40	3.13	
21	Sex	5:20	0.49	
		11:30	2.84	
		17:00	0.65	
		23:10	3.06	
22	Sab	5:50	0.57	
		12:00	2.73	
		17:30	0.74	
		23:40	2.98	
23	Dom	6:30	0.67	
		12:40	2.58	
		18:00	0.86	
24	Seg	0:10	2.89	
		7:10	0.77	
		13:20	2.45	
		18:30	1.0	
25	Ter	0:50	2.79	
		8:00	0.85	
		14:10	2.35	
		19:10	1.12	
26	Qua	1:40	2.69	
		8:50	0.91	
		15:10	2.3	
		20:10	1.18	
27	Qui	2:30	2.6	
		9:40	0.92	
		16:10	2.36	
		21:30	1.15	
28	Sex	3:40	2.58	
		10:40	0.9	
		17:10	2.5	
		22:50	1.06	
29	Sab	5:00	2.65	
		11:30	0.85	
		18:00	2.7	
30	Dom	0:10	0.92	
		6:10	2.76	
		12:20	0.77	
		18:50	2.92	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	1:10	0.75	
		7:10	2.88	
		13:10	0.68	
		19:40	3.13	
2	Ter	2:10	0.59	
		8:10	2.99	
		14:00	0.6	
		20:20	3.29	
3	Qua	3:00	0.47	
		9:10	3.07	
		14:50	0.55	
		21:10	3.38	
4	Qui	4:00	0.39	
		10:00	3.1	
		15:40	0.52	
		22:00	3.39	
5	Sex	4:50	0.39	
		11:00	3.09	
		16:40	0.53	
		23:00	3.34	
6	Sab	5:40	0.42	
		11:50	3.04	
		17:30	0.6	
		23:50	3.25	
7	Dom	6:40	0.45	
		12:50	2.95	
		18:20	0.7	
8	Seg	0:40	3.13	
		7:30	0.52	
		13:50	2.84	
		19:20	0.82	
9	Ter	1:30	3.01	
		8:30	0.57	
		14:50	2.74	
		20:20	0.93	
10	Qua	2:30	2.88	
		9:20	0.65	
		15:50	2.66	
		21:20	1.03	
11	Qui	3:20	2.78	
		10:20	0.71	
		16:50	2.62	
		22:20	1.07	
12	Sex	4:20	2.69	
		11:10	0.78	
		17:40	2.64	
		23:30	1.06	
13	Sab	5:20	2.64	
		11:50	0.85	
		18:20	2.7	
14	Dom	0:30	0.98	
		6:30	2.61	
		12:40	0.87	
		19:00	2.78	
15	Seg	1:30	0.88	
		7:20	2.62	
		13:20	0.88	
		19:40	2.86	
16	Ter	2:20	0.78	
		8:20	2.63	
		14:00	0.85	
		20:20	2.93	
17	Qua	3:00	0.71	
		9:10	2.65	
		14:40	0.81	
		21:00	2.98	
18	Qui	3:50	0.66	
		9:50	2.67	
		15:10	0.78	
		21:40	3.01	
19	Sex	4:30	0.65	
		10:30	2.67	
		15:50	0.76	
		22:20	3.0	
20	Sab	5:10	0.66	
		11:10	2.65	
		16:30	0.77	
		23:00	2.97	
21	Dom	5:50	0.69	
		11:50	2.61	
		17:10	0.81	
		23:30	2.94	
22	Seg	6:30	0.72	
		12:30	2.56	
		17:50	0.86	
23	Ter	0:10	2.92	
		7:10	0.74	
		13:20	2.53	
		18:30	0.92	
24	Qua	0:50	2.9	
		7:50	0.75	
		14:00	2.52	
		19:20	0.95	
25	Qui	1:40	2.88	
		8:30	0.75	
		14:40	2.55	
		20:10	0.96	
26	Sex	2:30	2.86	
		9:10	0.75	
		15:30	2.62	
		21:10	0.93	
27	Sab	3:20	2.83	
		10:00	0.73	
		16:20	2.71	
		22:20	0.88	
28	Dom	4:20	2.8	
		10:40	0.73	
		17:10	2.82	
		23:20	0.83	
29	Seg	5:20	2.76	
		11:30	0.73	
		18:00	2.93	
30	Ter	0:30	0.79	
		6:30	2.74	
		12:20	0.75	
		18:50	3.02	
31	Qua	1:40	0.76	
		7:40	2.73	
		13:20	0.76	
		21:30	2.65	

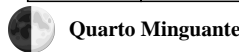
Simbologia das fases lunares:

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

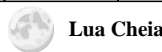
Dados de nível sem Georreferenciamento



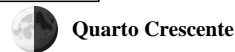
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente