

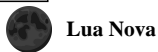
Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	1:00	1.06	
		10:00	3.43	
		15:30	0.6	
		21:40	3.76	
2	Qui	4:20	0.35	
		10:40	3.5	
		16:20	0.6	
		22:20	3.68	
3	Sex	5:00	0.33	
		11:20	3.51	
		17:10	0.58	
		23:20	3.58	
4	Sab	5:40	0.33	
		12:10	3.45	
		18:10	0.55	
5	Dom	0:10	3.46	
		6:30	0.34	
		12:50	3.35	
		19:00	0.53	
6	Seg	1:10	3.36	
		7:30	0.37	
		13:50	3.21	
		20:00	0.53	
7	Ter	2:10	3.27	
		8:30	0.41	
		14:40	3.12	
		21:00	0.56	
8	Qua	3:20	3.22	
		9:30	0.48	
		15:50	3.11	
		22:10	0.62	
9	Qui	4:30	3.21	
		10:40	0.57	
		16:50	3.19	
		23:20	0.65	
10	Sex	5:40	3.25	
		11:40	0.63	
		17:50	3.35	
		0:30	0.58	
11	Sab	6:50	3.33	
		12:50	0.66	
		18:50	3.53	
12	Dom	1:40	0.41	
		7:50	3.43	
		13:30	0.69	
		19:40	3.66	
13	Seg	2:30	0.31	
		8:50	3.51	
		14:20	0.71	
		20:30	3.71	
14	Ter	3:20	0.24	
		9:40	3.56	
		15:10	0.72	
		21:10	3.66	
15	Qua	4:00	0.27	
		10:20	3.57	
		16:00	0.71	
		22:00	3.56	
16	Qui	4:40	0.33	
		11:00	3.5	
		16:40	0.7	
		22:40	3.41	
17	Sex	5:10	0.42	
		11:30	3.38	
		17:20	0.68	
		23:10	3.24	
18	Sab	5:40	0.47	
		12:00	3.2	
		18:00	0.64	
		23:50	3.11	
19	Dom	6:10	0.49	
		12:30	3.02	
		18:30	0.58	
20	Seg	0:30	2.99	
		6:50	0.49	
		13:00	2.85	
		19:00	0.54	
21	Ter	1:20	2.88	
		7:30	0.49	
		13:30	2.74	
		19:50	0.52	
22	Qua	2:00	2.77	
		8:10	0.5	
		14:20	2.69	
		20:40	0.54	
23	Qui	3:00	2.67	
		9:00	0.52	
		15:10	2.73	
		21:40	0.58	
24	Sex	4:00	2.61	
		9:50	0.56	
		16:10	2.85	
		23:00	0.68	
25	Sab	5:10	2.62	
		10:40	0.61	
		17:10	3.05	
26	Dom	0:00	0.69	
		6:20	2.74	
		11:40	0.65	
		18:10	3.27	
27	Seg	1:00	0.63	
		7:20	2.96	
		12:40	0.68	
		19:00	3.47	
28	Ter	1:50	0.53	
		8:10	3.21	
		13:40	0.67	
		19:50	3.62	
29	Qua	2:40	0.43	
		9:00	3.46	
		14:40	0.62	
		20:50	3.74	
30	Qui	3:20	0.36	
		9:40	3.65	
		15:30	0.55	
		21:30	3.79	
31	Sex	4:00	0.31	
		10:20	3.74	
		16:20	0.48	
		22:20	3.81	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	4:40	0.29	
		11:00	3.74	
		17:00	0.43	
		23:10	3.78	
2	Dom	5:30	0.26	
		11:40	3.65	
		17:50	0.41	
3	Seg	0:00	3.7	
		6:20	0.27	
		12:30	3.48	
		18:40	0.43	
4	Ter	0:50	3.55	
		7:10	0.32	
		13:10	3.31	
		19:30	0.49	
5	Qua	1:50	3.36	
		8:00	0.4	
		14:10	3.15	
		20:30	0.58	
6	Qui	2:50	3.15	
		9:00	0.52	
		15:10	3.07	
		21:50	0.71	
7	Sex	4:00	3.0	
		10:00	0.66	
		16:20	3.08	
		23:10	0.75	
8	Sab	5:20	2.96	
		11:00	0.78	
		17:20	3.17	
9	Dom	0:20	0.63	
		6:40	3.06	
		12:10	0.87	
		18:30	3.31	
10	Seg	1:20	0.46	
		7:40	3.25	
		13:10	0.85	
		19:20	3.43	
11	Ter	2:10	0.34	
		8:30	3.44	
		14:10	0.76	
		20:10	3.5	
12	Qua	3:50	0.31	
		9:20	3.57	
		15:00	0.67	
		21:00	3.54	
13	Qui	3:30	0.32	
		9:50	3.63	
		15:40	0.6	
		21:40	3.52	
14	Sex	4:10	0.34	
		10:20	3.58	
		16:20	0.55	
		22:20	3.47	
15	Sab	4:40	0.39	
		10:50	3.46	
		16:50	0.51	
		23:00	3.41	
16	Dom	5:10	0.41	
		11:10	3.3	
		17:20	0.46	
		23:30	3.32	
17	Seg	5:40	0.41	
		11:40	3.15	
		17:50	0.43	
18	Ter	0:00	3.2	
		6:10	0.4	
		12:10	3.04	
		18:20	0.43	
19	Qua	0:40	3.04	
		6:40	0.42	
		12:40	2.97	
		19:00	0.46	
20	Qui	1:20	2.85	
		7:20	0.47	
		13:30	2.91	
		20:00	0.51	
21	Sex	2:10	2.65	
		8:00	0.55	
		14:20	2.88	
		21:10	0.59	
22	Sab	3:10	2.5	
		8:50	0.65	
		15:20	2.89	
		22:20	0.68	
23	Dom	4:30	2.5	
		10:00	0.71	
		16:30	2.98	
		23:30	0.71	
24	Seg	5:50	2.68	
		11:20	0.76	
		17:40	3.15	
25	Ter	0:30	0.64	
		7:00	3.0	
		12:30	0.74	
		18:50	3.36	
26	Qua	1:30	0.52	
		7:50	3.35	
		13:40	0.64	
		19:50	3.58	
27	Qui	2:10	0.42	
		8:40	3.65	
		14:30	0.5	
		20:40	3.78	
28	Sex	3:00	0.32	
		9:20	3.84	
		15:20	0.39	
		21:30	3.94	

Simbologia das fases lunares:

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

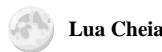
Dados de nível sem Georreferenciamento



Lua Nova



Quarto Minguante



Lua Cheia

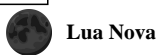


Quarto Crescente

Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	3:50	0.23	
		10:00	3.92	
		16:00	0.33	
		22:20	4.01	
2	Dom	4:30	0.21	
		10:40	3.88	
		16:50	0.31	
		23:00	3.99	
3	Seg	5:10	0.22	
		11:20	3.76	
		17:30	0.34	
		23:50	3.85	
4	Ter	6:00	0.26	
		12:00	3.59	
		18:20	0.42	
5	Qua	0:30	3.61	
		6:40	0.34	
		12:40	3.39	
		19:10	0.52	
6	Qui	1:30	3.29	
		7:20	0.46	
		13:30	3.19	
		20:10	0.65	
7	Sex	2:30	2.98	
		8:10	0.61	
		14:30	3.02	
		21:30	0.77	
8	Sab	3:50	2.77	
		9:20	0.79	
		15:40	2.93	
		22:50	0.79	
9	Dom	5:10	2.76	
		10:40	0.97	
		16:50	2.94	
10	Seg	0:00	0.68	
		6:30	2.92	
		12:00	1.01	
		18:00	3.04	
11	Ter	0:50	0.57	
		7:20	3.18	
		13:00	0.88	
		19:10	3.2	
12	Qua	1:40	0.46	
		8:00	3.42	
		14:00	0.69	
		20:00	3.35	
13	Qui	2:20	0.41	
		8:40	3.57	
		14:40	0.56	
		20:50	3.47	
14	Sex	3:00	0.39	
		9:10	3.61	
		15:20	0.47	
		21:30	3.54	
15	Sab	3:40	0.37	
		9:40	3.57	
		15:50	0.42	
		22:00	3.57	
16	Dom	4:10	0.38	
		10:10	3.48	
		16:10	0.39	
		22:30	3.53	
17	Seg	4:40	0.37	
		10:30	3.39	
		16:40	0.36	
		23:00	3.44	
18	Ter	5:00	0.36	
		11:00	3.32	
		17:10	0.35	
		23:30	3.29	
19	Qua	5:30	0.37	
		11:30	3.29	
		17:50	0.37	
20	Qui	0:00	3.1	
		6:50	0.43	
		12:00	3.24	
		18:40	0.42	
21	Sex	0:40	2.88	
		6:30	0.51	
		12:50	3.14	
		19:30	0.49	
22	Sab	1:40	2.65	
		7:10	0.65	
		13:40	3.01	
		20:40	0.57	
23	Dom	2:50	2.5	
		8:20	0.75	
		14:40	2.89	
		21:50	0.65	
24	Seg	4:10	2.54	
		9:40	0.79	
		16:00	2.89	
		23:00	0.68	
25	Ter	5:30	2.79	
		11:10	0.79	
		17:20	3.05	
26	Qua	0:00	0.63	
		6:30	3.14	
		12:30	0.69	
		18:40	3.32	
27	Qui	1:00	0.51	
		7:30	3.5	
		13:30	0.51	
		19:40	3.63	
28	Sex	1:50	0.39	
		8:10	3.78	
		14:20	0.35	
		20:30	3.9	
29	Sab	2:40	0.27	
		8:50	3.94	
		15:00	0.27	
		21:20	4.09	
30	Dom	3:30	0.2	
		9:30	3.99	
		15:40	0.26	
		22:00	4.14	
31	Seg	4:10	0.2	
		10:10	3.95	
		16:30	0.29	
		22:50	4.05	

Dia	Abriu	Hora	Altura (m)	Fase Lunar
1	Ter	4:50	0.25	
		10:50	3.84	
		17:10	0.36	
		23:30	3.82	
2	Qua	5:30	0.34	
		11:30	3.66	
		18:00	0.46	
3	Qui	0:20	3.5	
		6:10	0.46	
		12:10	3.44	
		19:00	0.57	
4	Sex	1:10	3.14	
		6:50	0.61	
		13:00	3.19	
		20:00	0.68	
5	Sab	2:20	2.83	
		7:40	0.77	
		14:00	2.94	
		21:10	0.77	
6	Dom	3:30	2.67	
		9:00	0.94	
		15:10	2.76	
		22:10	0.81	
7	Seg	4:50	2.7	
		10:30	1.08	
		16:30	2.72	
		23:20	0.77	
8	Ter	5:50	2.89	
		11:50	1.01	
		17:40	2.83	
9	Qua	0:10	0.71	
		6:40	3.12	
		12:50	0.81	
		18:50	3.03	
10	Qui	1:00	0.61	
		7:20	3.32	
		13:30	0.63	
		19:40	3.24	
11	Sex	1:50	0.51	
		8:00	3.45	
		14:10	0.5	
		20:20	3.42	
12	Sab	2:30	0.45	
		8:30	3.5	
		14:40	0.43	
		21:00	3.54	
13	Dom	3:00	0.42	
		9:00	3.51	
		15:10	0.39	
		21:30	3.58	
14	Seg	3:30	0.39	
		9:30	3.51	
		15:40	0.36	
		22:00	3.53	
15	Ter	4:00	0.37	
		9:50	3.51	
		16:20	0.35	
		22:30	3.42	
16	Qua	4:20	0.38	
		10:20	3.53	
		16:50	0.35	
		23:00	3.26	
17	Qui	4:40	0.42	
		10:50	3.52	
		17:30	0.37	
		23:40	3.08	
18	Sex	5:20	0.48	
		11:30	3.44	
		18:20	0.41	
19	Sab	0:20	2.89	
		6:00	0.59	
		12:20	3.27	
		19:10	0.46	
20	Dom	1:20	2.73	
		6:50	0.73	
		13:10	3.05	
		20:00	0.52	
21	Seg	2:30	2.64	
		8:10	0.78	
		14:20	2.87	
		21:10	0.58	
22	Ter	3:50	2.71	
		9:40	0.78	
		15:50	2.87	
		22:20	0.62	
23	Qua	5:00	2.95	
		11:00	0.71	
		17:10	3.06	
		23:30	0.58	
24	Qui	6:00	3.25	
		12:10	0.57	
		18:20	3.37	
25	Sex	0:30	0.49	
		6:50	3.55	
		13:10	0.41	
		19:20	3.7	
26	Sab	1:30	0.36	
		7:40	3.79	
		14:00	0.3	
		20:10	3.96	
27	Dom	2:20	0.26	
		8:30	3.94	
		14:40	0.27	
		21:00	4.1	
28	Seg	3:00	0.25	
		9:10	4.0	
		15:30	0.27	
		21:50	4.09	
29	Ter	3:50	0.27	
		9:50	3.98	
		16:10	0.34	
		22:30	3.93	
30	Qua	4:20	0.37	
		10:30	3.88	
		17:00	0.4	
		23:20	3.67	

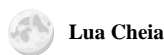
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC -3:00)  
 Dados de nível sem Georreferenciamento



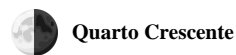
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

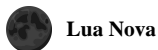
Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	5:00	0.49	
		11:10	3.69	
		17:50	0.48	
2	Sex	0:10	3.36	
		5:40	0.63	
		11:50	3.44	
		18:40	0.57	
3	Sab	1:00	3.06	
		6:30	0.77	
		12:30	3.13	
		19:40	0.65	
4	Dom	2:00	2.82	
		7:30	0.89	
		13:30	2.84	
		20:30	0.73	
5	Seg	3:10	2.7	
		8:50	1.0	
		14:40	2.64	
		21:30	0.79	
6	Ter	4:10	2.71	
		10:10	1.03	
		16:00	2.6	
		22:30	0.81	
7	Qua	5:10	2.82	
		11:20	0.94	
		17:20	2.7	
		23:30	0.78	
8	Qui	5:50	2.97	
		12:10	0.78	
		18:20	2.91	
9	Sex	0:20	0.7	
		6:40	3.12	
		12:50	0.65	
		19:00	3.12	
10	Sab	1:10	0.61	
		7:10	3.24	
		13:30	0.54	
		19:50	3.31	
11	Dom	1:50	0.53	
		7:50	3.36	
		14:10	0.48	
		20:20	3.42	
12	Seg	2:30	0.47	
		8:20	3.46	
		14:40	0.43	
		21:00	3.44	
13	Ter	2:50	0.44	
		8:50	3.56	
		15:20	0.41	
		21:30	3.4	
14	Qua	3:10	0.44	
		9:20	3.64	
		16:00	0.39	
		22:10	3.31	
15	Qui	3:40	0.46	
		9:50	3.67	
		16:40	0.38	
		22:40	3.21	
16	Sex	4:10	0.52	
		10:30	3.64	
		17:20	0.38	
		23:30	3.09	
17	Sab	4:50	0.59	
		11:10	3.51	
		18:00	0.39	
18	Dom	0:10	3.01	
		5:50	0.66	
		12:00	3.3	
		18:40	0.42	
19	Seg	1:10	2.92	
		6:50	0.72	
		12:50	3.07	
		19:40	0.47	
20	Ter	2:10	2.88	
		8:10	0.71	
		14:10	2.93	
		20:40	0.51	
21	Qua	3:10	2.93	
		9:30	0.68	
		15:30	2.96	
		21:50	0.54	
22	Qui	4:20	3.06	
		10:40	0.61	
		16:50	3.15	
		23:00	0.52	
23	Sex	5:20	3.27	
		11:40	0.52	
		18:00	3.42	
24	Sab	0:10	0.46	
		6:20	3.5	
		12:40	0.44	
		19:00	3.68	
25	Dom	1:00	0.39	
		7:10	3.71	
		13:30	0.38	
		19:50	3.87	
26	Seg	1:50	0.35	
		8:00	3.88	
		14:30	0.31	
		20:40	3.94	
27	Ter	2:40	0.37	
		8:50	3.97	
		15:20	0.3	
		21:30	3.9	
28	Qua	3:30	0.44	
		9:30	3.97	
		16:10	0.3	
		22:20	3.75	
29	Qui	4:00	0.55	
		10:10	3.86	
		17:00	0.34	
		23:10	3.55	
30	Sex	4:40	0.66	
		10:50	3.65	
		17:40	0.43	
31	Sab	0:00	3.33	
		5:30	0.77	
		11:30	3.38	
		18:20	0.52	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	0:50	3.11	
		6:20	0.84	
		12:20	3.08	
		19:10	0.59	
2	Seg	1:40	2.93	
		7:20	0.88	
		13:10	2.81	
		19:50	0.66	
3	Ter	2:30	2.79	
		8:30	0.9	
		14:10	2.64	
		20:40	0.71	
4	Qua	3:20	2.72	
		9:30	0.88	
		15:20	2.59	
		21:40	0.74	
5	Qui	4:10	2.71	
		10:20	0.81	
		16:30	2.66	
		22:40	0.74	
6	Sex	5:00	2.78	
		11:10	0.75	
		17:30	2.8	
		23:30	0.7	
7	Sab	5:40	2.89	
		12:00	0.69	
		18:20	2.96	
8	Dom	0:20	0.64	
		6:30	3.06	
		12:50	0.63	
		19:10	3.09	
9	Seg	1:00	0.58	
		7:10	3.25	
		13:30	0.56	
		19:50	3.18	
10	Ter	1:30	0.54	
		7:40	3.43	
		14:20	0.51	
		20:30	3.23	
11	Qua	2:00	0.53	
		8:20	3.59	
		15:00	0.46	
		21:10	3.25	
12	Qui	2:40	0.55	
		8:50	3.69	
		15:40	0.41	
		21:50	3.26	
13	Sex	3:20	0.57	
		9:30	3.72	
		16:20	0.38	
		22:30	3.26	
14	Sab	4:00	0.6	
		10:10	3.65	
		17:00	0.37	
		23:20	3.25	
15	Dom	4:50	0.62	
		11:00	3.52	
		17:40	0.36	
		0:00	3.24	
16	Seg	5:50	0.62	
		11:50	3.35	
		18:20	0.38	
17	Ter	0:50	3.19	
		6:50	0.61	
		12:50	3.2	
		19:10	0.4	
18	Qua	1:40	3.13	
		7:50	0.58	
		14:00	3.12	
		20:20	0.42	
19	Qui	2:40	3.08	
		9:00	0.56	
		15:10	3.13	
		21:20	0.45	
20	Sex	3:40	3.1	
		10:00	0.56	
		16:20	3.22	
		22:30	0.48	
21	Sab	4:50	3.22	
		11:10	0.57	
		17:30	3.36	
		23:30	0.49	
22	Dom	5:50	3.4	
		12:20	0.54	
		18:30	3.51	
23	Seg	0:30	0.5	
		6:50	3.61	
		13:20	0.45	
		19:40	3.62	
24	Ter	1:20	0.52	
		7:40	3.78	
		14:20	0.33	
		20:30	3.7	
25	Qua	2:10	0.57	
		8:20	3.87	
		15:10	0.27	
		21:50	3.69	
26	Qui	3:00	0.63	
		9:10	3.88	
		16:00	0.23	
		22:20	3.64	
27	Sex	3:50	0.68	
		9:50	3.77	
		16:40	0.3	
		23:00	3.56	
28	Sab	4:30	0.73	
		10:30	3.58	
		17:20	0.38	
		23:40	3.42	
29	Dom	5:20	0.75	
		11:20	3.35	
		18:00	0.47	
30	Seg	0:20	3.25	
		6:10	0.75	
		12:00	3.11	
		18:40	0.53	

Simbologia das fases lunares:

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

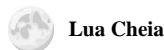
Dados de nível sem Georreferenciamento



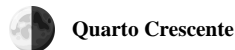
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

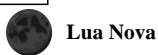
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	1:00	3.06	
		7:00	0.73	
		12:50	2.92	
		19:10	0.58	
2	Qua	1:40	2.88	
		7:40	0.7	
		13:40	2.77	
		20:00	0.59	
3	Qui	2:20	2.72	
		8:30	0.68	
		14:30	2.69	
		20:50	0.6	
4	Sex	3:00	2.63	
		9:20	0.67	
		15:30	2.66	
		21:40	0.61	
5	Sab	3:50	2.64	
		10:10	0.67	
		16:30	2.67	
		22:30	0.62	
6	Dom	4:40	2.75	
		11:10	0.7	
		17:30	2.72	
		23:20	0.63	
7	Seg	5:40	2.95	
		12:10	0.7	
		18:30	2.81	
8	Ter	0:00	0.63	
		6:20	3.17	
		13:10	0.65	
		19:20	2.93	
9	Qua	0:50	0.64	
		7:10	3.39	
		14:00	0.56	
		20:10	3.07	
10	Qui	1:30	0.65	
		7:50	3.56	
		14:40	0.47	
		21:00	3.21	
11	Sex	2:20	0.64	
		8:30	3.66	
		15:20	0.41	
		21:40	3.35	
12	Sab	3:10	0.62	
		9:20	3.7	
		16:00	0.37	
		22:20	3.46	
13	Dom	4:00	0.58	
		10:10	3.68	
		16:40	0.34	
		23:00	3.52	
14	Seg	4:50	0.53	
		10:50	3.61	
		17:20	0.32	
		23:40	3.51	
15	Ter	5:40	0.49	
		11:50	3.53	
		18:10	0.31	
16	Qua	0:20	3.43	
		6:30	0.46	
		12:40	3.43	
		19:00	0.31	
17	Qui	1:10	3.31	
		7:20	0.47	
		13:40	3.34	
		19:50	0.34	
18	Sex	2:10	3.18	
		8:20	0.51	
		14:40	3.24	
		20:50	0.4	
19	Sab	3:10	3.12	
		9:30	0.59	
		15:50	3.18	
		22:00	0.5	
20	Dom	4:10	3.15	
		10:50	0.67	
		17:00	3.17	
		23:00	0.6	
21	Seg	5:20	3.28	
		12:00	0.64	
		18:20	3.24	
22	Ter	0:00	0.68	
		6:20	3.45	
		13:10	0.48	
		19:30	3.36	
23	Qua	1:00	0.73	
		7:20	3.62	
		14:10	0.3	
		20:30	3.5	
24	Qui	2:00	0.73	
		8:10	3.72	
		15:00	0.19	
		21:20	3.61	
25	Sex	2:50	0.7	
		9:00	3.74	
		15:40	0.21	
		22:00	3.68	
26	Sab	3:40	0.66	
		9:40	3.68	
		16:20	0.27	
		22:40	3.65	
27	Dom	4:30	0.62	
		10:30	3.56	
		17:00	0.34	
		23:10	3.54	
28	Seg	5:10	0.6	
		11:10	3.41	
		17:30	0.43	
		23:40	3.37	
29	Ter	5:50	0.58	
		11:50	3.25	
		18:00	0.47	
30	Qua	0:10	3.16	
		6:20	0.56	
		12:20	3.1	
		18:40	0.48	
31	Qui	0:40	2.95	
		6:50	0.54	
		13:00	2.95	
		19:10	0.48	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	1:20	2.79	
		7:30	0.55	
		13:40	2.79	
		19:50	0.5	
2	Sab	2:00	2.69	
		8:20	0.58	
		14:30	2.65	
		20:30	0.54	
3	Dom	2:50	2.67	
		9:20	0.63	
		15:30	2.53	
		21:20	0.6	
4	Seg	3:40	2.73	
		10:30	0.7	
		16:40	2.5	
		22:10	0.67	
5	Ter	4:40	2.88	
		11:40	0.74	
		18:00	2.59	
		23:10	0.72	
6	Qua	5:40	3.08	
		12:40	0.68	
		19:00	2.8	
7	Qui	0:20	0.75	
		6:40	3.29	
		13:30	0.58	
		19:50	3.07	
8	Sex	1:20	0.72	
		7:30	3.48	
		14:20	0.47	
		20:40	3.34	
9	Sab	2:20	0.63	
		8:30	3.64	
		15:00	0.39	
		21:20	3.56	
10	Dom	3:10	0.53	
		9:20	3.74	
		15:40	0.33	
		22:00	3.71	
11	Seg	4:00	0.43	
		10:00	3.8	
		16:20	0.29	
		22:30	3.76	
12	Ter	4:40	0.37	
		10:50	3.82	
		17:00	0.26	
		23:10	3.72	
13	Qua	5:20	0.35	
		11:40	3.77	
		17:50	0.24	
14	Qui	0:00	3.59	
		6:10	0.37	
		12:20	3.64	
		18:40	0.26	
15	Sex	0:40	3.43	
		7:00	0.44	
		13:20	3.45	
		19:30	0.33	
16	Sab	1:30	3.26	
		8:00	0.54	
		14:10	3.21	
		20:20	0.44	
17	Dom	2:30	3.12	
		9:10	0.67	
		15:30	3.01	
		21:20	0.6	
18	Seg	3:40	3.07	
		10:30	0.75	
		16:50	2.93	
		22:30	0.77	
19	Ter	4:50	3.13	
		11:50	0.67	
		18:10	3.01	
		23:40	0.89	
20	Qua	6:00	3.25	
		12:50	0.51	
		19:20	3.21	
21	Qui	0:50	0.87	
		7:00	3.41	
		13:50	0.32	
		20:10	3.45	
22	Sex	1:50	0.75	
		8:00	3.54	
		14:30	0.29	
		21:00	3.63	
23	Sab	2:40	0.62	
		8:50	3.62	
		15:20	0.23	
		21:30	3.73	
24	Dom	3:30	0.51	
		9:30	3.64	
		15:50	0.32	
		22:10	3.71	
25	Seg	4:10	0.46	
		10:10	3.6	
		16:30	0.35	
		22:40	3.6	
26	Ter	4:40	0.45	
		10:50	3.53	
		17:00	0.39	
		23:00	3.42	
27	Qua	5:10	0.45	
		11:20	3.41	
		17:30	0.4	
		23:30	3.24	
28	Qui	5:40	0.45	
		11:50	3.25	
		18:00	0.4	
29	Sex	0:00	3.08	
		6:10	0.46	
		12:20	3.07	
		18:30	0.42	
30	Sab	0:30	2.97	
		6:50	0.49	
		13:00	2.85	
		19:00	0.49	
31	Dom	1:10	2.89	
		7:40	0.54	
		13:50	2.62	
		19:30	0.62	

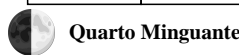
Simbologia das fases lunares:

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

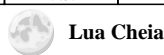
Dados de nível sem Georreferenciamento



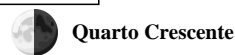
Lua Nova



Quarto Minguante



Lua Cheia

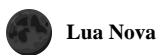


Quarto Crescente

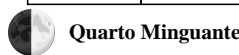
Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	1:50	2.83	
		8:40	0.6	
		14:50	2.44	
		20:20	0.73	
2	Ter	2:50	2.79	
		9:50	0.67	
		16:10	2.39	
		21:30	0.78	
3	Qua	4:00	2.83	
		11:10	0.74	
		17:30	2.53	
		22:50	0.8	
4	Qui	5:10	2.97	
		12:10	0.69	
		18:40	2.84	
5	Sex	0:10	0.78	
		6:20	3.19	
		13:00	0.59	
		19:30	3.19	
6	Sab	1:20	0.66	
		7:20	3.43	
		13:50	0.47	
		20:10	3.52	
7	Dom	2:10	0.5	
		8:20	3.68	
		14:40	0.36	
		20:50	3.76	
8	Seg	3:00	0.36	
		9:10	3.87	
		15:20	0.28	
		21:30	3.89	
9	Ter	3:40	0.29	
		9:50	3.99	
		16:00	0.23	
		22:10	3.91	
10	Qua	4:20	0.28	
		10:40	4.02	
		16:50	0.19	
		22:50	3.84	
11	Qui	5:00	0.31	
		11:20	3.92	
		17:30	0.22	
		23:30	3.71	
12	Sex	5:50	0.38	
		12:00	3.7	
		18:10	0.29	
13	Sab	0:10	3.53	
		6:40	0.47	
		13:00	3.41	
		18:50	0.41	
14	Dom	1:00	3.32	
		7:40	0.59	
		14:00	3.08	
		19:40	0.57	
15	Seg	2:00	3.12	
		8:50	0.71	
		15:10	2.84	
		20:40	0.75	
16	Ter	3:00	2.97	
		10:10	0.77	
		16:40	2.77	
		22:00	0.93	
17	Qua	4:20	2.94	
		11:20	0.71	
		18:00	2.91	
		23:30	1.01	
18	Qui	5:40	3.03	
		12:30	0.56	
		19:00	3.17	
19	Sex	0:40	0.87	
		6:50	3.2	
		13:20	0.45	
		19:40	3.43	
20	Sab	1:40	0.65	
		7:40	3.38	
		14:00	0.41	
		20:20	3.62	
21	Dom	2:30	0.47	
		8:30	3.53	
		14:50	0.34	
		21:00	3.69	
22	Seg	3:00	0.41	
		9:20	3.62	
		15:20	0.37	
		21:30	3.67	
23	Ter	3:40	0.38	
		9:50	3.64	
		16:00	0.36	
		22:00	3.58	
24	Qua	4:10	0.39	
		10:20	3.59	
		16:30	0.37	
		22:20	3.45	
25	Qui	4:30	0.4	
		10:50	3.47	
		16:50	0.37	
		22:50	3.35	
26	Sex	5:00	0.4	
		11:20	3.29	
		17:10	0.4	
		23:10	3.27	
27	Sab	5:40	0.42	
		11:50	3.08	
		17:40	0.46	
		23:50	3.21	
28	Dom	6:20	0.45	
		12:30	2.85	
		18:10	0.56	
29	Seg	0:20	3.12	
		7:10	0.49	
		13:20	2.62	
		18:50	0.7	
30	Ter	1:10	2.98	
		8:10	0.55	
		14:20	2.46	
		19:40	0.84	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	2:10	2.83	
		9:10	0.61	
		15:40	2.45	
		21:10	0.83	
2	Qui	3:30	2.78	
		10:20	0.66	
		17:00	2.64	
		22:40	0.8	
3	Sex	4:50	2.9	
		11:30	0.66	
		18:00	2.97	
4	Sab	0:00	0.7	
		6:10	3.16	
		12:30	0.57	
		18:50	3.33	
5	Dom	1:00	0.53	
		7:10	3.47	
		13:20	0.46	
		19:40	3.64	
6	Seg	1:50	0.37	
		8:10	3.77	
		14:10	0.33	
		20:20	3.86	
7	Ter	2:40	0.27	
		8:50	4.0	
		15:00	0.23	
		21:10	3.97	
8	Qua	3:20	0.25	
		9:40	4.1	
		15:40	0.2	
		21:50	3.99	
9	Qui	4:00	0.29	
		10:20	4.07	
		16:20	0.23	
		22:30	3.92	
10	Sex	4:50	0.34	
		11:00	3.89	
		17:00	0.3	
		23:10	3.78	
11	Sab	5:40	0.42	
		11:50	3.61	
		17:40	0.43	
		23:50	3.58	
12	Dom	6:30	0.51	
		12:50	3.27	
		18:20	0.59	
13	Seg	0:30	3.34	
		7:30	0.61	
		13:50	2.97	
		19:20	0.76	
14	Ter	1:30	3.07	
		8:30	0.69	
		15:00	2.77	
		20:30	0.91	
15	Qua	2:30	2.84	
		9:40	0.75	
		16:20	2.75	
		22:00	1.04	
16	Qui	4:00	2.77	
		10:50	0.75	
		17:30	2.9	
		23:20	0.98	
17	Sex	5:20	2.85	
		11:50	0.69	
		18:20	3.12	
18	Sab	0:20	0.79	
		6:30	3.05	
		12:40	0.62	
		19:00	3.33	
19	Dom	1:10	0.6	
		7:20	3.26	
		13:30	0.52	
		19:40	3.47	
20	Seg	1:50	0.48	
		8:10	3.44	
		14:10	0.46	
		20:20	3.55	
21	Ter	2:30	0.42	
		8:50	3.55	
		14:50	0.42	
		20:50	3.56	
22	Qua	3:00	0.41	
		9:20	3.58	
		15:20	0.4	
		21:20	3.53	
23	Qui	3:30	0.41	
		9:50	3.52	
		15:50	0.4	
		21:40	3.5	
24	Sex	4:10	0.42	
		10:20	3.39	
		16:10	0.42	
		22:10	3.48	
25	Sab	4:40	0.41	
		10:50	3.22	
		16:30	0.47	
		22:40	3.46	
26	Dom	5:20	0.41	
		11:30	3.03	
		17:00	0.55	
		23:10	3.4	
27	Seg	6:00	0.42	
		12:10	2.86	
		17:30	0.66	
		23:50	3.26	
28	Ter	6:50	0.45	
		13:00	2.71	
		18:30	0.75	
29	Qua	0:40	3.05	
		7:40	0.5	
		14:00	2.62	
		19:40	0.8	
30	Qui	1:50	2.85	
		8:40	0.56	
		15:10	2.65	
		21:00	0.76	
31	Sex	3:10	2.79	
		9:40	0.59	
		16:20	2.83	
		22:30	0.7	

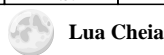
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC -3:00)  
 Dados de nível sem Georreferenciamento



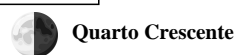
Lua Nova



Quarto Minguante



Lua Cheia

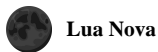


Quarto Crescente

Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	4:40	2.94	
		10:50	0.59	
		17:20	3.09	
		23:40	0.59	
2	Dom	5:50	3.21	
		12:00	0.53	
		18:20	3.39	
3	Seg	0:40	0.45	
		6:50	3.53	
		13:00	0.41	
		19:10	3.66	
4	Ter	1:30	0.35	
		7:50	3.82	
		13:50	0.31	
		20:00	3.86	
5	Qua	2:20	0.3	
		8:30	4.0	
		14:40	0.25	
		20:40	3.98	
6	Qui	3:00	0.31	
		9:20	4.04	
		15:20	0.27	
		21:20	4.01	
7	Sex	3:50	0.33	
		10:10	3.95	
		16:00	0.36	
		22:00	3.95	
8	Sab	4:40	0.37	
		11:00	3.75	
		16:40	0.48	
		22:40	3.81	
9	Dom	5:30	0.42	
		11:50	3.48	
		17:20	0.62	
		23:30	3.58	
10	Seg	6:20	0.49	
		12:40	3.21	
		18:10	0.76	
11	Ter	0:10	3.3	
		7:10	0.57	
		13:40	2.98	
		19:10	0.87	
12	Qua	1:10	3.0	
		8:10	0.65	
		14:40	2.83	
		20:20	0.94	
13	Qui	2:10	2.76	
		9:00	0.73	
		15:40	2.8	
		21:40	0.96	
14	Sex	3:40	2.69	
		10:10	0.77	
		16:40	2.86	
		22:50	0.89	
15	Sab	4:50	2.75	
		11:10	0.77	
		17:30	2.99	
		23:50	0.76	
16	Dom	6:00	2.92	
		12:00	0.71	
		18:20	3.12	
17	Seg	0:30	0.65	
		6:50	3.11	
		12:50	0.63	
		19:00	3.24	
18	Ter	1:20	0.57	
		7:30	3.27	
		13:30	0.56	
		19:40	3.35	
19	Qua	1:50	0.53	
		8:10	3.37	
		14:10	0.51	
		20:10	3.43	
20	Qui	2:30	0.5	
		8:50	3.39	
		14:40	0.49	
		20:40	3.5	
21	Sex	3:10	0.47	
		9:20	3.34	
		15:00	0.5	
		21:10	3.56	
22	Sab	3:50	0.45	
		10:00	3.25	
		15:30	0.53	
		21:40	3.59	
23	Dom	4:20	0.41	
		10:40	3.15	
		16:00	0.59	
		22:10	3.57	
24	Seg	5:00	0.39	
		11:10	3.06	
		16:40	0.64	
		22:50	3.47	
25	Ter	5:40	0.39	
		12:00	2.98	
		17:20	0.69	
		23:30	3.31	
26	Qua	6:20	0.41	
		12:40	2.93	
		18:20	0.71	
		0:30	3.1	
		7:10	0.45	
		13:40	2.89	
		19:30	0.68	
28	Sex	1:40	2.95	
		8:10	0.48	
		14:30	2.91	
		20:50	0.62	
29	Sab	2:50	2.92	
		9:10	0.51	
		15:40	2.99	
		22:00	0.57	
30	Dom	4:10	3.05	
		10:20	0.5	
		16:40	3.15	
		23:10	0.54	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	5:20	3.27	
		11:30	0.47	
		17:50	3.37	
2	Ter	0:10	0.49	
		6:20	3.51	
		12:30	0.41	
		18:40	3.6	
3	Qua	1:00	0.45	
		7:20	3.72	
		13:20	0.38	
		19:30	3.8	
4	Qui	2:00	0.39	
		8:20	3.84	
		14:10	0.39	
		20:20	3.94	
5	Sex	2:50	0.35	
		9:10	3.86	
		14:50	0.46	
		21:00	3.98	
6	Sab	3:40	0.33	
		10:00	3.79	
		15:40	0.55	
		21:50	3.93	
7	Dom	4:30	0.32	
		10:50	3.65	
		16:20	0.66	
		22:30	3.77	
8	Seg	5:20	0.35	
		11:40	3.47	
		17:10	0.75	
		23:10	3.54	
9	Ter	6:00	0.44	
		12:30	3.28	
		18:00	0.8	
10	Qua	0:00	3.26	
		6:50	0.52	
		13:20	3.1	
		19:00	0.82	
11	Qui	0:50	2.99	
		7:30	0.61	
		14:00	2.95	
		20:00	0.81	
12	Sex	2:00	2.81	
		8:20	0.67	
		14:50	2.83	
		21:00	0.8	
13	Sab	3:00	2.71	
		9:20	0.71	
		15:40	2.78	
		22:00	0.79	
14	Dom	4:10	2.71	
		10:20	0.74	
		16:30	2.79	
		23:00	0.79	
15	Seg	5:10	2.79	
		11:10	0.71	
		17:30	2.88	
		23:50	0.75	
16	Ter	6:00	2.9	
		12:00	0.68	
		18:10	3.01	
17	Qua	0:40	0.71	
		6:50	3.0	
		12:40	0.63	
		18:50	3.16	
18	Qui	1:20	0.65	
		7:40	3.09	
		13:20	0.61	
		19:30	3.33	
19	Sex	2:10	0.58	
		8:20	3.14	
		13:50	0.61	
		20:00	3.47	
20	Sab	2:50	0.51	
		9:00	3.17	
		14:30	0.63	
		20:40	3.58	
21	Dom	3:30	0.45	
		9:40	3.19	
		15:00	0.65	
		21:10	3.61	
22	Seg	4:10	0.4	
		10:20	3.21	
		15:50	0.65	
		21:50	3.59	
23	Ter	4:40	0.38	
		11:00	3.23	
		16:30	0.63	
		22:40	3.51	
24	Qua	5:20	0.36	
		11:40	3.24	
		17:20	0.6	
		23:30	3.38	
25	Qui	6:00	0.36	
		12:20	3.23	
		18:20	0.55	
26	Sex	0:20	3.25	
		6:50	0.37	
		13:10	3.17	
		19:20	0.52	
27	Sab	1:30	3.16	
		7:40	0.39	
		14:00	3.12	
		20:20	0.5	
28	Dom	2:30	3.12	
		8:40	0.4	
		15:00	3.09	
		21:20	0.52	
29	Seg	3:40	3.15	
		9:50	0.42	
		16:10	3.15	
		22:30	0.57	
30	Ter	4:50	3.24	
		11:00	0.47	
		17:10	3.29	
		23:40	0.6	
31	Qua	6:00	3.36	
		12:00	0.5	
		18:40	3.47	

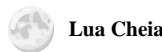
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



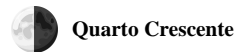
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente