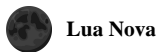


Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	8:50	0.47	
		15:00	2.74	
		20:30	0.68	
2	Qui	2:50	3.08	
		9:30	0.46	
		15:30	2.75	
		21:10	0.66	
3	Sex	3:30	3.04	
		10:10	0.46	
		16:20	2.72	
		22:00	0.61	
4	Sab	4:20	2.96	
		10:50	0.46	
		17:00	2.69	
		23:00	0.52	
5	Dom	5:10	2.85	
		11:40	0.45	
		17:50	2.66	
		23:50	0.51	
6	Seg	6:00	2.73	
		12:30	0.46	
		18:40	2.64	
7	Ter	1:00	0.47	
		7:10	2.63	
		13:20	0.51	
		19:40	2.63	
8	Qua	2:10	0.49	
		8:20	2.57	
		14:20	0.56	
		20:40	2.67	
9	Qui	3:20	0.53	
		9:30	2.56	
		15:20	0.64	
		21:50	2.74	
10	Sex	4:30	0.5	
		10:40	2.61	
		16:30	0.67	
		22:50	2.84	
11	Sab	5:40	0.38	
		11:50	2.69	
		17:30	0.68	
		23:50	2.94	
12	Dom	6:40	0.25	
		12:50	2.78	
		18:30	0.65	
13	Seg	0:50	3.02	
		7:30	0.19	
		13:50	2.84	
		19:20	0.64	
14	Ter	1:40	3.07	
		8:20	0.17	
		14:40	2.87	
		20:10	0.63	
15	Qua	2:30	3.07	
		9:10	0.19	
		15:20	2.87	
		21:00	0.63	
16	Qui	3:10	3.03	
		9:50	0.3	
		16:00	2.82	
		21:40	0.67	
17	Sex	3:50	2.96	
		10:30	0.42	
		16:40	2.74	
		22:20	0.69	
18	Sab	4:30	2.85	
		11:00	0.55	
		17:10	2.67	
		23:00	0.69	
19	Dom	5:10	2.73	
		11:30	0.62	
		17:40	2.59	
		23:50	0.68	
20	Seg	5:50	2.6	
		12:10	0.64	
		18:20	2.52	
21	Ter	0:30	0.68	
		6:30	2.48	
		12:40	0.66	
		19:00	2.49	
22	Qua	1:30	0.7	
		7:20	2.38	
		13:20	0.68	
		19:50	2.48	
23	Qui	2:20	0.73	
		8:20	2.34	
		14:10	0.71	
		20:40	2.51	
24	Sex	3:30	0.78	
		9:30	2.33	
		15:00	0.75	
		21:40	2.58	
25	Sab	4:30	0.77	
		10:30	2.38	
		16:00	0.79	
		22:30	2.68	
26	Dom	5:30	0.7	
		11:30	2.46	
		17:00	0.79	
		23:30	2.79	
27	Seg	6:20	0.61	
		12:30	2.56	
		17:50	0.78	
28	Ter	0:30	2.92	
		7:10	0.51	
		13:20	2.67	
		18:50	0.69	
29	Qua	1:10	3.02	
		7:50	0.45	
		14:00	2.78	
		19:40	0.6	
30	Qui	2:00	3.08	
		8:30	0.42	
		14:40	2.85	
		20:20	0.57	
31	Sex	2:40	3.12	
		9:10	0.4	
		15:20	2.89	
		21:10	0.48	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	3:20	3.11	
		9:50	0.39	
		16:00	2.89	
		22:00	0.42	
2	Dom	4:10	3.04	
		10:30	0.4	
		16:40	2.88	
		22:40	0.43	
3	Seg	5:00	2.93	
		11:10	0.43	
		17:20	2.84	
		23:40	0.4	
4	Ter	5:50	2.79	
		11:50	0.49	
		18:10	2.76	
5	Qua	0:40	0.43	
		6:40	2.65	
		12:40	0.55	
		19:00	2.69	
6	Qui	1:40	0.52	
		7:50	2.51	
		13:40	0.63	
		20:10	2.62	
7	Sex	2:50	0.6	
		9:10	2.43	
		14:50	0.72	
		21:20	2.61	
8	Sab	4:10	0.58	
		10:20	2.46	
		16:00	0.79	
		22:30	2.66	
9	Dom	5:20	0.46	
		11:40	2.54	
		17:10	0.77	
		23:30	2.78	
10	Seg	6:20	0.32	
		12:40	2.68	
		18:10	0.7	
11	Ter	0:30	2.9	
		7:20	0.16	
		13:30	2.82	
		19:10	0.59	
12	Qua	1:30	3.0	
		8:10	0.11	
		14:20	2.9	
		20:00	0.52	
13	Qui	2:10	3.06	
		8:50	0.18	
		15:00	2.94	
		20:40	0.53	
14	Sex	3:00	3.05	
		9:20	0.33	
		15:30	2.94	
		21:20	0.54	
15	Sab	3:30	3.01	
		10:00	0.42	
		16:00	2.88	
		22:00	0.56	
16	Dom	4:10	2.92	
		10:20	0.56	
		16:30	2.81	
		22:40	0.56	
17	Seg	4:40	2.8	
		10:50	0.6	
		17:00	2.73	
		23:10	0.59	
18	Ter	5:10	2.66	
		11:20	0.61	
		17:30	2.65	
		23:50	0.6	
19	Qua	5:50	2.51	
		11:50	0.62	
		18:00	2.58	
20	Qui	0:40	0.63	
		6:40	2.38	
		12:20	0.67	
		18:50	2.52	
21	Sex	1:30	0.69	
		7:30	2.28	
		13:10	0.72	
		19:40	2.48	
22	Sab	2:40	0.77	
		8:40	2.25	
		14:10	0.77	
		20:50	2.5	
23	Dom	3:50	0.82	
		9:50	2.3	
		15:20	0.81	
		22:00	2.58	
24	Seg	5:00	0.75	
		11:00	2.41	
		16:30	0.81	
		23:10	2.71	
25	Ter	5:50	0.65	
		12:00	2.56	
		17:40	0.72	
26	Qua	0:00	2.87	
		6:40	0.52	
		12:50	2.74	
		18:40	0.58	
27	Qui	1:00	3.0	
		7:30	0.39	
		13:40	2.88	
		19:30	0.46	
28	Sex	1:50	3.11	
		8:10	0.34	
		14:20	3.0	
		20:10	0.4	

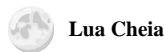
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



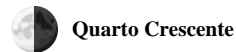
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

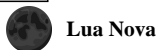
Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	2:30	3.18	
		8:50	0.33	
		14:50	3.07	
		21:00	0.32	
2	Dom	3:10	3.18	
		9:30	0.34	
		15:30	3.09	
		21:40	0.33	
3	Seg	4:00	3.09	
		10:00	0.43	
		16:10	3.05	
		22:30	0.33	
4	Ter	4:40	2.98	
		10:40	0.48	
		16:50	2.97	
		23:20	0.38	
5	Qua	5:30	2.8	
		11:20	0.56	
		17:40	2.84	
		0:10	0.48	
		6:20	2.61	
		12:10	0.64	
		18:30	2.69	
7	Sex	1:20	0.57	
		7:30	2.43	
		13:10	0.73	
		19:30	2.55	
8	Sab	2:30	0.67	
		8:50	2.32	
		14:20	0.83	
		20:50	2.48	
9	Dom	3:50	0.65	
		10:10	2.34	
		15:40	0.87	
		22:10	2.51	
10	Seg	5:00	0.52	
		11:20	2.47	
		17:00	0.78	
		23:20	2.64	
11	Ter	6:00	0.36	
		12:20	2.66	
		18:00	0.65	
		0:20	2.81	
		6:50	0.26	
		13:10	2.83	
		19:00	0.49	
		1:10	2.95	
		7:40	0.2	
		13:50	2.95	
		19:40	0.44	
		2:00	3.03	
		8:20	0.24	
		14:30	3.01	
		20:30	0.38	
		2:40	3.05	
		8:50	0.37	
		15:00	3.02	
		21:00	0.43	
		3:10	3.02	
		9:20	0.48	
		15:20	2.99	
		21:40	0.45	
		3:40	2.94	
		9:40	0.58	
		15:50	2.92	
		22:10	0.49	
		4:10	2.82	
		10:00	0.62	
		16:10	2.85	
		22:40	0.52	
		4:40	2.68	
		10:30	0.62	
		16:40	2.78	
		23:20	0.55	
		5:20	2.52	
		11:00	0.65	
		17:20	2.69	
		0:00	0.61	
		6:00	2.37	
		11:40	0.69	
		18:00	2.6	
		0:50	0.67	
		7:00	2.26	
		12:30	0.75	
		19:00	2.49	
		2:00	0.75	
		8:00	2.21	
		13:40	0.78	
		20:10	2.46	
		3:10	0.8	
		9:20	2.27	
		15:00	0.79	
		21:30	2.52	
		4:20	0.75	
		10:30	2.42	
		16:10	0.76	
		22:40	2.67	
		5:20	0.63	
		11:30	2.62	
		17:30	0.64	
		23:50	2.84	
		0:10	0.5	
		12:20	2.84	
		18:20	0.47	
		0:40	3.01	
		7:00	0.38	
		13:10	3.01	
		19:10	0.35	
		1:30	3.14	
		7:40	0.35	
		13:50	3.15	
		20:00	0.25	
		2:20	3.19	
		8:20	0.36	
		14:30	3.21	
		20:50	0.2	
		3:00	3.18	
		9:00	0.4	
		15:10	3.2	
		21:30	0.26	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	3:40	3.1	
		9:40	0.47	
		15:40	3.16	
		22:20	0.3	
2	Qua	4:30	2.93	
		10:10	0.6	
		16:20	3.04	
		23:00	0.43	
3	Qui	5:10	2.76	
		11:00	0.66	
		17:10	2.86	
		0:00	0.52	
		6:10	2.54	
		11:50	0.74	
		18:00	2.67	
		1:00	0.63	
		7:10	2.36	
		12:50	0.83	
		19:10	2.48	
		2:10	0.71	
		8:30	2.26	
		14:00	0.89	
		20:20	2.39	
		3:20	0.7	
		9:50	2.3	
		15:30	0.88	
		21:40	2.42	
		4:30	0.59	
		11:00	2.45	
		16:40	0.78	
		23:00	2.55	
		5:30	0.45	
		11:50	2.65	
		17:40	0.62	
		0:00	2.72	
		6:20	0.36	
		12:30	2.83	
		18:40	0.44	
		0:50	2.87	
		7:00	0.36	
		13:10	2.96	
		19:20	0.38	
		1:30	2.96	
		7:40	0.39	
		13:50	3.04	
		20:00	0.36	
		2:10	2.99	
		8:10	0.49	
		14:20	3.06	
		20:40	0.37	
		2:50	2.96	
		8:30	0.59	
		14:40	3.05	
		21:10	0.42	
		3:20	2.89	
		9:00	0.62	
		15:10	3.0	
		21:40	0.47	
		3:50	2.78	
		9:20	0.66	
		15:30	2.95	
		22:10	0.52	
		4:20	2.65	
		9:50	0.68	
		16:00	2.89	
		22:50	0.55	
		4:50	2.52	
		10:20	0.72	
		16:40	2.8	
		23:30	0.6	
		5:30	2.39	
		11:10	0.73	
		17:30	2.67	
		0:20	0.65	
		6:30	2.28	
		12:00	0.77	
		18:30	2.53	
		1:20	0.7	
		7:30	2.25	
		13:20	0.74	
		19:40	2.46	
		2:30	0.72	
		8:50	2.32	
		14:40	0.72	
		21:00	2.51	
		3:40	0.69	
		10:00	2.49	
		16:00	0.65	
		22:20	2.65	
		4:40	0.61	
		11:00	2.7	
		17:10	0.52	
		23:20	2.83	
		5:40	0.48	
		11:50	2.92	
		18:10	0.35	
		0:20	2.99	
		6:30	0.4	
		12:40	3.1	
		19:00	0.23	
		1:10	3.11	
		7:10	0.4	
		13:20	3.23	
		19:50	0.16	
		2:00	3.15	
		7:50	0.45	
		14:00	3.28	
		20:30	0.21	
		2:50	3.1	
		8:30	0.52	
		14:40	3.26	
		21:20	0.24	
		3:30	3.02	
		9:10	0.62	
		15:20	3.17	
		22:00	0.37	

Simbologia das fases lunares:

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

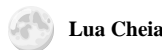
Dados de nível sem Georreferenciamento



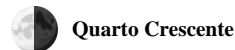
Lua Nova



Quarto Minguante



Lua Cheia

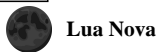


Quarto Crescente

Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	4:20	2.85	
		9:50	0.71	
		16:00	3.04	
		22:50	0.46	
2	Sex	5:10	2.66	
		10:40	0.77	
		16:50	2.84	
		23:40	0.57	
3	Sab	6:00	2.49	
		11:30	0.84	
		17:40	2.64	
		0:40	0.65	
		7:00	2.34	
		12:30	0.88	
		18:40	2.47	
5	Seg	1:50	0.69	
		8:10	2.28	
		13:50	0.89	
		20:00	2.37	
6	Ter	2:50	0.71	
		9:20	2.32	
		15:10	0.86	
		21:20	2.37	
7	Qua	3:50	0.67	
		10:20	2.45	
		16:20	0.76	
		22:30	2.47	
8	Qui	4:50	0.59	
		11:10	2.61	
		17:20	0.61	
		23:30	2.61	
9	Sex	5:30	0.58	
		11:50	2.78	
		18:10	0.48	
10	Sab	0:20	2.74	
		6:20	0.54	
		12:30	2.91	
		18:50	0.42	
11	Dom	1:00	2.83	
		6:50	0.59	
		13:00	3.0	
		19:30	0.4	
12	Seg	1:40	2.87	
		7:30	0.63	
		13:40	3.04	
		20:10	0.4	
13	Ter	2:20	2.85	
		7:50	0.67	
		14:10	3.05	
		20:50	0.43	
14	Qua	2:50	2.81	
		8:20	0.69	
		14:30	3.04	
		21:20	0.48	
15	Qui	3:20	2.73	
		8:50	0.71	
		15:00	3.01	
		21:50	0.53	
16	Sex	3:50	2.63	
		9:20	0.74	
		15:40	2.95	
		22:30	0.55	
17	Sab	4:30	2.53	
		10:00	0.74	
		16:20	2.85	
		23:10	0.58	
18	Dom	5:10	2.44	
		10:50	0.74	
		17:10	2.72	
19	Seg	0:00	0.6	
		6:10	2.37	
		11:50	0.71	
		18:10	2.59	
20	Ter	0:50	0.62	
		7:10	2.36	
		13:00	0.67	
		19:20	2.51	
21	Qua	2:00	0.61	
		8:20	2.43	
		14:20	0.62	
		20:30	2.54	
22	Qui	3:00	0.61	
		9:20	2.57	
		15:40	0.56	
		21:50	2.65	
23	Sex	4:00	0.58	
		10:20	2.76	
		16:40	0.48	
		23:00	2.78	
24	Sab	5:00	0.53	
		11:20	2.95	
		17:50	0.33	
25	Dom	0:00	2.9	
		5:50	0.51	
		12:10	3.1	
		18:40	0.24	
26	Seg	0:50	3.01	
		6:40	0.51	
		13:00	3.2	
		19:30	0.2	
27	Ter	1:50	3.02	
		7:30	0.52	
		13:40	3.25	
		20:20	0.2	
28	Qua	2:40	2.99	
		8:10	0.62	
		14:30	3.21	
		21:10	0.24	
29	Qui	3:20	2.93	
		9:00	0.66	
		15:10	3.12	
		22:00	0.31	
30	Sex	4:10	2.79	
		9:40	0.76	
		15:50	3.0	
		22:40	0.45	
31	Sab	5:00	2.64	
		10:30	0.8	
		16:40	2.83	
		23:30	0.54	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	5:50	2.51	
		11:20	0.83	
		17:30	2.65	
2	Seg	0:20	0.62	
		6:40	2.41	
		12:20	0.83	
		18:20	2.51	
3	Ter	1:10	0.69	
		7:40	2.35	
		13:20	0.83	
		19:30	2.41	
4	Qua	2:10	0.72	
		8:30	2.38	
		14:30	0.82	
		20:40	2.38	
5	Qui	3:00	0.74	
		9:30	2.44	
		15:40	0.78	
		21:50	2.41	
6	Sex	3:50	0.75	
		10:20	2.56	
		16:40	0.69	
		22:50	2.48	
7	Sab	4:40	0.73	
		11:00	2.69	
		17:30	0.6	
		23:40	2.58	
8	Dom	5:20	0.73	
		11:50	2.81	
		18:20	0.52	
9	Seg	0:30	2.65	
		6:00	0.73	
		12:20	2.92	
		19:10	0.46	
10	Ter	1:10	2.71	
		6:40	0.72	
		13:00	2.99	
		19:50	0.45	
11	Qua	1:50	2.73	
		7:20	0.72	
		13:40	3.02	
		20:20	0.48	
12	Qui	2:30	2.72	
		7:50	0.74	
		14:10	3.04	
		21:00	0.49	
13	Sex	3:00	2.69	
		8:30	0.73	
		14:50	3.02	
		21:30	0.53	
14	Sab	3:40	2.64	
		9:00	0.76	
		15:20	2.99	
		22:10	0.53	
15	Dom	4:10	2.6	
		9:50	0.7	
		16:10	2.9	
		22:50	0.53	
16	Seg	5:00	2.55	
		10:40	0.66	
		17:00	2.79	
		23:40	0.5	
17	Ter	5:50	2.52	
		11:40	0.59	
		17:50	2.69	
18	Qua	0:30	0.5	
		6:40	2.51	
		12:40	0.56	
		19:00	2.6	
19	Qui	1:20	0.52	
		7:40	2.55	
		14:00	0.51	
		20:10	2.58	
20	Sex	2:20	0.54	
		8:40	2.64	
		15:10	0.51	
		21:20	2.61	
21	Sab	3:20	0.57	
		9:50	2.76	
		16:20	0.48	
		22:30	2.69	
22	Dom	4:20	0.6	
		10:50	2.89	
		17:20	0.41	
		23:40	2.77	
23	Seg	5:20	0.61	
		11:40	3.02	
		18:20	0.32	
24	Ter	0:40	2.85	
		6:20	0.59	
		12:40	3.1	
		19:20	0.21	
25	Qua	1:30	2.91	
		7:10	0.61	
		13:50	3.15	
		20:10	0.19	
26	Qui	2:30	2.9	
		8:00	0.63	
		14:10	3.15	
		21:00	0.2	
27	Sex	3:10	2.89	
		8:50	0.65	
		15:00	3.09	
		21:50	0.25	
28	Sab	4:00	2.81	
		9:30	0.72	
		15:40	3.0	
		22:30	0.38	
29	Dom	4:40	2.73	
		10:20	0.73	
		16:30	2.86	
		23:10	0.5	
30	Seg	5:30	2.62	
		11:10	0.73	
		17:10	2.73	
		23:50	0.59	

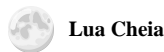
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



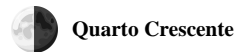
Lua Nova



Quarto Minguante



Lua Cheia

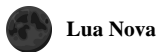


Quarto Crescente

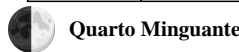
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	6:10	2.53	
		12:00	0.74	
		18:00	2.59	
2	Qua	0:30	0.66	
		6:50	2.48	
		12:50	0.75	
		19:00	2.48	
3	Qui	1:20	0.7	
		7:40	2.45	
		13:50	0.76	
		19:50	2.4	
4	Sex	2:00	0.74	
		8:30	2.46	
		15:00	0.78	
		21:00	2.36	
5	Sab	2:50	0.77	
		9:20	2.51	
		16:00	0.77	
		22:00	2.37	
6	Dom	3:40	0.79	
		10:10	2.59	
		16:50	0.73	
		23:00	2.42	
7	Seg	4:30	0.81	
		11:00	2.7	
		17:50	0.65	
		23:50	2.5	
8	Ter	5:20	0.8	
		11:50	2.8	
		18:40	0.57	
9	Qua	6:00	0.8	
		12:30	2.9	
		19:20	0.53	
10	Qui	6:50	0.76	
		13:10	2.98	
		20:00	0.49	
11	Sex	7:30	0.73	
		13:50	3.03	
		20:40	0.47	
12	Sab	8:10	0.71	
		14:30	3.05	
		21:20	0.44	
13	Dom	8:20	0.74	
		15:10	3.04	
		22:00	0.42	
14	Seg	9:00	0.62	
		15:10	3.04	
		22:50	0.46	
15	Ter	9:40	0.59	
		16:00	2.98	
		23:30	0.45	
16	Qua	10:30	0.53	
		16:40	2.91	
		23:10	0.44	
17	Qui	11:20	0.49	
		17:40	2.79	
		0:00	0.43	
		6:10	2.69	
		12:20	0.46	
18	Sex	7:00	0.46	
		13:30	2.67	
		19:40	2.59	
19	Sab	7:50	0.53	
		14:40	2.66	
		20:50	0.52	
20	Dom	8:00	0.54	
		15:50	2.54	
		22:00	0.61	
		0:10	2.7	
		6:20	0.55	
		12:30	2.55	
21	Seg	3:50	0.68	
		10:20	2.77	
		17:00	0.5	
		23:20	2.61	
22	Ter	4:40	0.7	
		11:20	2.87	
		18:10	0.34	
23	Qua	5:30	0.72	
		12:20	2.97	
		19:10	0.2	
24	Qui	6:20	0.82	
		13:20	3.05	
		20:00	0.14	
25	Sex	7:10	0.9	
		14:10	3.09	
		21:00	0.12	
26	Sab	8:00	0.92	
		15:00	3.06	
		22:00	0.22	
27	Dom	8:50	0.9	
		16:00	3.09	
		23:00	0.29	
28	Seg	9:40	0.89	
		17:00	3.02	
		24:00	0.33	
29	Ter	10:30	0.85	
		18:00	2.85	
		25:00	0.58	
		16:20	2.93	
		22:50	0.44	
30	Qua	11:20	0.77	
		19:00	2.68	
		26:00	0.57	
		17:00	2.81	
		23:20	0.57	
31	Qui	18:00	0.64	
		11:30	2.67	
		17:40	0.64	
		23:50	2.6	
		6:00	2.6	
		12:20	0.66	
		18:20	2.53	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	0:20	0.67	
		6:40	2.53	
		13:10	0.7	
		19:10	2.41	
2	Sab	1:00	0.7	
		7:30	2.48	
		14:00	0.75	
		20:00	2.32	
3	Dom	1:50	0.74	
		8:20	2.47	
		15:10	0.82	
		21:10	2.28	
4	Seg	2:40	0.79	
		9:10	2.51	
		16:10	0.83	
		22:10	2.3	
5	Ter	3:40	0.83	
		10:10	2.58	
		17:10	0.77	
		23:20	2.37	
6	Qua	4:40	0.84	
		11:10	2.69	
		18:10	0.65	
7	Qui	5:40	0.8	
		12:10	2.81	
		19:00	0.53	
8	Sex	6:30	0.73	
		13:00	2.93	
		19:40	0.46	
9	Sab	7:20	0.63	
		14:00	3.04	
		20:20	0.4	
10	Dom	8:00	0.57	
		14:20	3.1	
		20:50	0.41	
11	Seg	8:50	0.47	
		15:00	3.12	
		21:30	0.38	
12	Ter	9:30	0.38	
		15:50	3.07	
		22:00	0.42	
13	Qua	10:20	0.38	
		16:30	3.0	
		22:40	0.43	
14	Qui	11:10	0.37	
		17:20	2.86	
		23:20	0.46	
15	Sex	12:00	0.42	
		18:10	2.71	
16	Sab	13:00	0.48	
		19:10	2.56	
17	Dom	14:10	0.58	
		20:30	2.44	
18	Seg	15:30	0.63	
		21:50	2.41	
19	Ter	16:50	0.53	
		23:00	2.5	
20	Qua	17:50	0.39	
		19:10	2.71	
		20:30	0.39	
21	Qui	20:50	0.26	
		22:10	2.85	
		23:30	0.22	
22	Sex	21:50	0.27	
		23:10	2.79	
		0:10	0.14	
23	Sab	2:00	2.92	
		3:20	0.46	
		4:40	3.07	
		6:00	0.11	
24	Dom	7:20	3.0	
		8:30	0.4	
		9:40	3.1	
		10:50	0.2	
25	Seg	11:50	3.02	
		13:00	0.43	
		14:10	3.07	
		15:20	0.36	
26	Ter	16:20	2.97	
		17:30	0.47	
		18:40	2.98	
		19:50	0.5	
27	Qua	20:50	2.89	
		22:10	0.51	
		23:30	2.87	
28	Qui	22:40	0.59	
		0:10	2.81	
		1:40	0.57	
		3:10	2.71	
		4:40	0.64	
29	Sex	5:10	2.71	
		6:40	0.61	
		8:10	2.55	
		9:40	0.67	
30	Sab	10:50	2.61	
		12:20	0.65	
		13:50	2.39	
31	Dom	15:00	0.71	
		16:30	2.52	
		18:00	0.72	
		19:20	2.27	

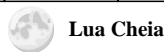
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



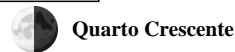
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

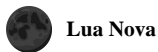
Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	0:50	0.75	
		7:20	2.45	
		14:20	0.81	
		20:20	2.2	
2	Ter	1:50	0.8	
		8:20	2.43	
		15:30	0.86	
		21:30	2.23	
3	Qua	3:00	0.84	
		9:30	2.49	
		16:30	0.83	
		22:40	2.32	
4	Qui	4:10	0.84	
		10:40	2.61	
		17:30	0.71	
		23:40	2.49	
5	Sex	5:20	0.76	
		11:40	2.77	
		18:20	0.57	
		0:30	2.67	
		6:20	0.61	
		12:40	2.93	
		19:10	0.43	
7	Dom	1:10	2.85	
		7:10	0.48	
		13:30	3.06	
		19:50	0.37	
8	Seg	1:50	2.99	
		7:50	0.4	
		14:10	3.15	
		20:30	0.33	
9	Ter	2:30	3.08	
		8:40	0.3	
		14:50	3.18	
		21:00	0.38	
10	Qua	3:10	3.11	
		9:20	0.3	
		15:30	3.14	
		21:40	0.4	
11	Qui	3:40	3.12	
		10:10	0.29	
		16:20	3.02	
		22:10	0.48	
12	Sex	4:30	3.06	
		10:50	0.36	
		17:00	2.87	
		22:50	0.54	
13	Sab	5:10	2.93	
		11:40	0.44	
		17:50	2.68	
		23:40	0.61	
14	Dom	6:00	2.77	
		12:40	0.54	
		18:50	2.49	
		0:40	0.68	
		7:00	2.61	
		13:50	0.64	
		20:10	2.34	
16	Ter	1:40	0.79	
		8:10	2.49	
		15:10	0.68	
		21:30	2.32	
17	Qua	3:10	0.84	
		9:30	2.49	
		16:30	0.56	
		22:50	2.43	
18	Qui	4:30	0.78	
		10:50	2.59	
		17:30	0.42	
		23:50	2.62	
19	Sex	5:40	0.62	
		11:50	2.76	
		18:30	0.24	
20	Sab	6:40	2.82	
		12:50	2.93	
		19:10	0.23	
21	Dom	1:30	2.97	
		7:30	0.33	
		13:40	3.04	
		20:00	0.2	
22	Seg	2:10	3.06	
		8:10	0.31	
		14:20	3.09	
		20:30	0.33	
23	Ter	2:40	3.09	
		8:50	0.33	
		15:00	3.06	
		21:00	0.47	
24	Qua	3:10	3.06	
		9:30	0.39	
		15:30	2.98	
		21:30	0.57	
25	Qui	3:30	2.99	
		10:00	0.47	
		16:10	2.85	
		21:50	0.65	
26	Sex	4:00	2.9	
		10:30	0.54	
		16:40	2.7	
		22:20	0.67	
27	Sab	4:30	2.8	
		11:10	0.58	
		17:10	2.53	
		22:40	0.72	
28	Dom	5:00	2.7	
		11:50	0.63	
		17:50	2.37	
		23:20	0.75	
29	Seg	5:40	2.59	
		12:40	0.7	
		18:40	2.24	
30	Ter	6:10	0.78	
		13:30	0.76	
		19:40	2.18	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	1:10	0.82	
		7:40	2.41	
		14:40	0.82	
		20:50	2.22	
2	Qui	2:30	0.81	
		9:00	2.45	
		15:50	0.8	
		22:10	2.35	
3	Sex	3:50	0.78	
		10:10	2.58	
		16:50	0.7	
		23:10	2.54	
4	Sab	5:00	0.67	
		11:20	2.75	
		17:50	0.54	
5	Dom	6:00	2.76	
		12:20	2.92	
		18:30	0.47	
		0:40	2.97	
		6:50	0.37	
		13:10	3.07	
		19:20	0.36	
7	Ter	1:20	3.12	
		7:40	0.26	
		13:50	3.17	
		20:00	0.35	
8	Qua	2:00	3.21	
		8:20	0.24	
		14:40	3.16	
		20:30	0.44	
9	Qui	2:40	3.24	
		9:10	0.23	
		15:20	3.11	
		21:10	0.49	
10	Sex	3:20	3.21	
		9:50	0.31	
		16:00	2.99	
		21:50	0.56	
11	Sab	4:00	3.11	
		10:40	0.38	
		16:50	2.81	
		22:30	0.65	
12	Dom	4:40	2.97	
		11:30	0.48	
		17:40	2.61	
		23:20	0.72	
13	Seg	5:30	2.77	
		12:30	0.58	
		18:40	2.42	
		0:20	0.79	
		6:30	2.57	
		13:30	0.68	
		19:50	2.31	
15	Qua	1:30	0.84	
		7:50	2.42	
		14:50	0.68	
		21:10	2.31	
16	Qui	2:50	0.86	
		9:10	2.41	
		16:00	0.6	
		22:20	2.44	
17	Sex	4:10	0.77	
		10:30	2.51	
		17:00	0.48	
		23:20	2.63	
18	Sab	5:20	0.59	
		11:30	2.68	
		17:50	0.4	
19	Dom	6:10	2.82	
		12:30	2.84	
		18:40	0.34	
20	Seg	7:00	2.97	
		13:20	2.94	
		19:20	0.38	
21	Ter	1:30	3.06	
		7:50	0.28	
		14:00	2.99	
		19:50	0.49	
22	Qua	2:00	3.1	
		8:30	0.31	
		14:40	2.96	
		20:20	0.58	
23	Qui	2:30	3.08	
		9:00	0.4	
		15:10	2.9	
		20:50	0.65	
24	Sex	3:00	3.03	
		9:30	0.48	
		15:40	2.79	
		21:10	0.71	
25	Sab	3:20	2.96	
		10:10	0.53	
		16:10	2.65	
		21:40	0.73	
26	Dom	3:50	2.88	
		10:40	0.59	
		16:40	2.51	
		22:10	0.76	
27	Seg	4:30	2.77	
		11:20	0.63	
		17:20	2.38	
		22:50	0.78	
28	Ter	5:10	2.66	
		12:00	0.67	
		18:10	2.27	
		23:40	0.8	
29	Qua	6:00	2.53	
		13:00	0.7	
		19:10	2.23	
30	Qui	6:50	0.77	
		7:10	2.43	
		14:00	0.72	
		20:20	2.28	
31	Sex	7:10	0.73	
		8:30	2.46	
		15:10	0.71	
		21:30	2.43	

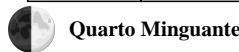
Simbologia das fases lunares:

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

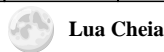
Dados de nível sem Georreferenciamento



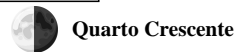
Lua Nova







Quarto Minguante







Lua Cheia

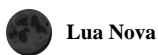


Quarto Crescente

Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	3:30	0.68	
		9:50	2.58	
		16:10	0.65	
		22:30	2.63	
2	Dom	4:40	0.57	
		10:50	2.74	
		17:10	0.55	
		23:20	2.85	
3	Seg	5:40	0.43	
		11:50	2.91	
		18:00	0.47	
4	Ter	0:10	3.04	
		6:30	0.31	
		12:50	3.02	
		18:40	0.46	
5	Qua	1:00	3.18	
		7:20	0.23	
		13:40	3.08	
		19:30	0.44	
6	Qui	1:40	3.26	
		8:10	0.2	
		14:20	3.1	
		20:10	0.5	
7	Sex	2:20	3.27	
		9:00	0.21	
		15:10	3.02	
		20:50	0.58	
8	Sab	3:00	3.21	
		9:40	0.32	
		15:50	2.91	
		21:30	0.67	
9	Dom	3:40	3.1	
		10:30	0.4	
		16:40	2.74	
		22:10	0.76	
10	Seg	4:30	2.92	
		11:20	0.5	
		17:30	2.57	
		23:00	0.82	
11	Ter	5:20	2.73	
		12:10	0.6	
		18:30	2.42	
12	Qua	0:00	0.84	
		6:20	2.55	
		13:10	0.66	
		19:40	2.33	
13	Qui	1:20	0.82	
		7:30	2.42	
		14:20	0.67	
		20:40	2.35	
14	Sex	2:40	0.81	
		8:40	2.4	
		15:20	0.66	
		21:50	2.44	
15	Sab	3:50	0.74	
		10:00	2.46	
		16:20	0.6	
		22:40	2.6	
16	Dom	4:50	0.62	
		11:00	2.58	
		17:10	0.57	
		23:30	2.76	
17	Seg	5:50	0.47	
		12:00	2.7	
		17:50	0.58	
18	Ter	0:10	2.9	
		6:40	0.37	
		12:50	2.79	
		18:30	0.61	
19	Qua	0:50	2.99	
		7:20	0.36	
		13:30	2.84	
		19:10	0.64	
20	Qui	1:20	3.04	
		8:00	0.38	
		14:10	2.83	
		19:40	0.69	
21	Sex	1:50	3.05	
		8:40	0.43	
		14:40	2.79	
		20:10	0.73	
22	Sab	2:20	3.03	
		9:10	0.5	
		15:20	2.7	
		20:40	0.75	
23	Dom	2:50	2.98	
		9:40	0.56	
		15:50	2.61	
		21:10	0.77	
24	Seg	3:30	2.91	
		10:20	0.58	
		16:20	2.52	
		21:50	0.77	
25	Ter	4:00	2.84	
		11:00	0.59	
		17:00	2.44	
		22:30	0.77	
26	Qua	4:50	2.73	
		11:40	0.6	
		17:50	2.37	
		23:30	0.71	
27	Qui	5:40	2.61	
		12:30	0.5	
		18:40	2.36	
28	Sex	0:30	0.68	
		6:50	2.52	
		13:30	0.59	
		19:40	2.41	
29	Sab	1:40	0.63	
		8:00	2.52	
		14:30	0.59	
		20:50	2.53	
30	Dom	3:00	0.58	
		9:10	2.59	
		15:30	0.58	
		21:50	2.69	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	4:10	0.52	
		10:20	2.71	
		16:20	0.58	
		22:50	2.87	
2	Ter	5:10	0.44	
		11:30	2.82	
		17:20	0.55	
		23:40	3.03	
3	Qua	6:10	0.33	
		12:30	2.91	
		18:10	0.55	
4	Qui	0:30	3.15	
		7:10	0.22	
		13:20	2.98	
		19:00	0.56	
5	Sex	1:20	3.21	
		8:00	0.2	
		14:10	2.98	
		19:50	0.58	
6	Sab	2:00	3.23	
		8:50	0.21	
		15:00	2.93	
		20:30	0.67	
7	Dom	2:50	3.16	
		9:30	0.32	
		15:50	2.83	
		21:20	0.71	
8	Seg	3:30	3.06	
		10:20	0.38	
		16:30	2.73	
		22:10	0.74	
9	Ter	4:20	2.91	
		11:10	0.46	
		17:20	2.61	
		23:00	0.76	
10	Qua	5:10	2.75	
		12:00	0.53	
		18:10	2.5	
11	Qui	0:00	0.76	
		6:00	2.6	
		12:50	0.6	
		19:10	2.43	
12	Sex	1:00	0.76	
		7:00	2.48	
		13:40	0.66	
		20:00	2.42	
13	Sab	2:10	0.76	
		8:10	2.42	
		14:30	0.71	
		21:00	2.46	
14	Dom	3:20	0.74	
		9:20	2.41	
		15:30	0.72	
		21:50	2.55	
15	Seg	4:20	0.68	
		10:20	2.46	
		16:20	0.74	
		22:40	2.66	
16	Ter	5:10	0.61	
		11:20	2.54	
		17:00	0.76	
		23:30	2.77	
17	Qua	6:10	0.51	
		12:10	2.61	
		17:50	0.75	
18	Qui	0:10	2.87	
		6:50	0.49	
		13:00	2.66	
		18:30	0.76	
19	Sex	0:50	2.94	
		7:40	0.45	
		13:40	2.69	
		19:00	0.78	
20	Sab	1:20	2.98	
		8:10	0.5	
		14:20	2.69	
		19:40	0.77	
21	Dom	2:00	3.0	
		8:50	0.51	
		14:50	2.67	
		20:20	0.75	
22	Seg	2:30	2.99	
		9:20	0.54	
		15:30	2.63	
		20:50	0.76	
23	Ter	3:10	2.96	
		10:00	0.53	
		16:00	2.6	
		21:30	0.73	
24	Qua	3:50	2.9	
		10:30	0.54	
		16:40	2.57	
		22:20	0.67	
25	Qui	4:40	2.81	
		11:10	0.52	
		17:20	2.55	
		23:10	0.62	
26	Sex	5:30	2.72	
		12:00	0.49	
		18:10	2.54	
27	Sab	0:10	0.55	
		6:30	2.63	
		12:50	0.49	
		19:10	2.56	
28	Dom	1:20	0.51	
		7:30	2.58	
		13:40	0.52	
		20:10	2.61	
29	Seg	2:30	0.51	
		8:40	2.58	
		14:40	0.56	
		21:10	2.71	
30	Ter	3:40	0.52	
		9:50	2.63	
		15:40	0.61	
		22:10	2.82	
31	Qua	4:50	0.48	
		11:00	2.7	
		16:50	0.62	

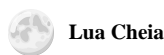
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC -3:00)  
 Dados de nível sem Georreferenciamento



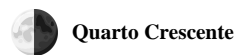
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente