

Sonnengangberechnung

Datum/Uhrzeit (MM-TT-hh:mm):

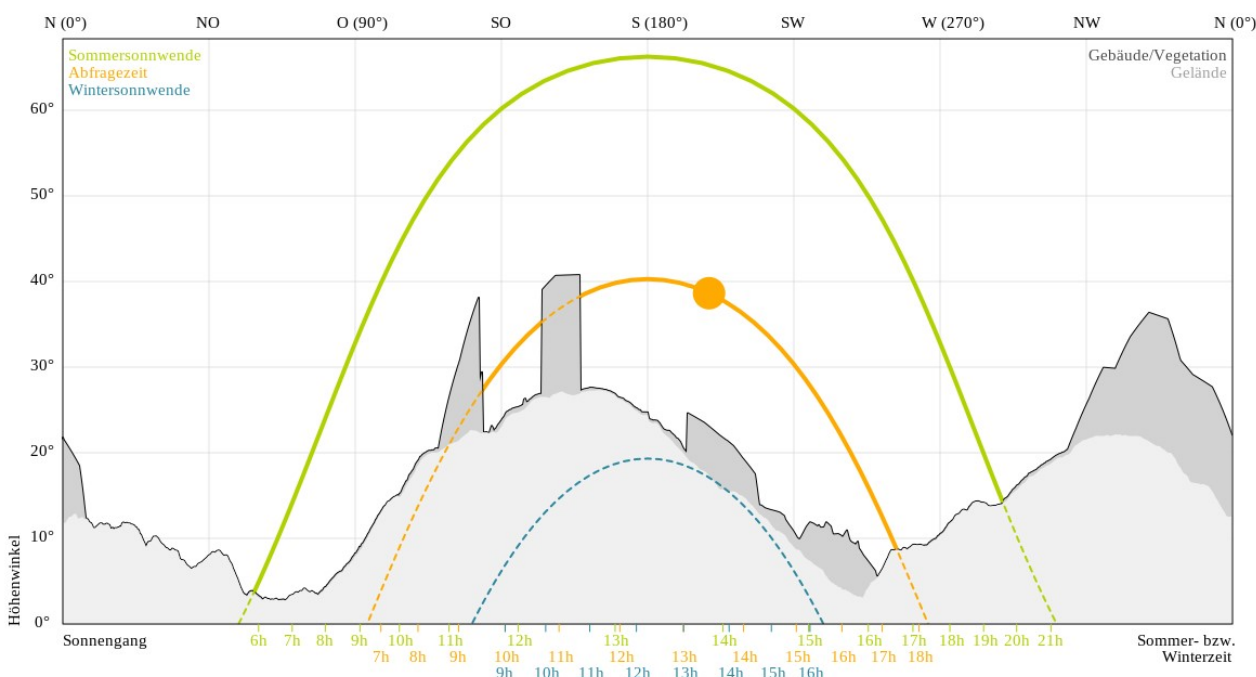
Höhe über Boden (m):

Elemente der Ausgabe:

- Dieses Abfrageformular
- Sonnengang mit Horizontdarstellung (Graphik)
- Sonnenstunden pro Tag im Monatsmittel (Graphik)
- Horizontdarstellung auf Umgebungskarte (Graphik)
- Ergebnisse in Tabellenform

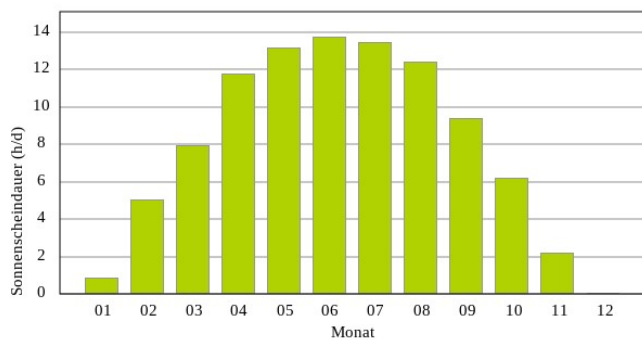
Sonnengang mit Horizontdarstellung

Abfragekoordinaten (EPSG:31254): 45991.62, 236731.30
 Abfragehöhe (m): 647.3 (+2.0)
 Abfragezeit: 14.3.2025, 13:25 Uhr (Sonnenaufgang 9:32 Uhr, Sonnenuntergang 17:23 Uhr)
 Datengrundlage: Laserscanning Höhenmodell 2024 - geoland.at
 Befliegungsjahr im Abfragepunkt: 2017



Sonnenstunden pro Tag im Monatsmittel

Abfragekoordinaten (EPSG:31254): 45991.62, 236731.30
 Abfragehöhe (m): 647.3 (+2.0)
 Datengrundlage: Laserscanning Höhenmodell 2024 - geoland.at
 Befliegungsjahr im Abfragepunkt: 2017



[Tabelle im CSV-Format abspeichern](#)

[Tabelle im JSON-Format abspeichern](#)

Höhenwinkel (°)	Horizontale Entfernung (m)	Sonnengang
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Azimuth (°)	Gelände	Oberfläche	Gelände	Oberfläche	14.3.2025 (°)	14.3.2025 (MEZ)	14.3.2025 (MESZ)	Sommersonnwende (°)	Wintersonnwende (°)
0	12.5	22.5	1404.4	9.4					
1	11.9	21.4	9051.4	10.4					
2	12.5	20.8	9062.4	10.4					
3	12.7	20.2	9074.3	10.4					
4	12.9	19.6	9118.5	10.5					
5	12.6	18.9	9091.9	10.5					
6	12.5	17.6	9447	10.5					
7	12.4	14.7	9454.1	10.5					
8	12.2	12.2	9526.2	9526.2					
9	11.8	11.8	9609.2	9609.2					
10	11.2	11.2	9637.1	9637.1					
11	11.5	11.5	9706.3	9706.3					
12	11.7	11.7	9726.9	9726.9					
13	11.6	11.6	9836	9836					
14	11.7	11.7	9882.8	9882.8					
15	11.5	11.5	9878.5	9878.5					
16	11.2	11.2	9893.7	9893.7					
17	11.2	11.2	9975.5	9975.5					
18	11.4	11.4	9987.1	9987.1					
19	11.8	11.8	9905.3	9905.3					
20	11.8	11.8	10075.5	10075.5					
21	11.7	11.7	10102.3	10102.3					
22	11.6	11.6	10179.5	10179.5					
23	11.3	11.3	10206.9	10206.9					
24	11	11	10282.1	10282.1					
25	10.1	10.1	10507.1	10507.1					
26	9.3	9.3	10769.4	10769.4					
27	9.6	9.6	10960.1	10960.1					
28	10.2	10.2	11279.5	11279.5					
29	10.2	10.2	11366	11366					
30	10	10	11576.7	11576.7					
31	9.4	9.4	11635.8	11635.8					
32	9	9	11657.2	11657.2					
33	8.7	8.7	11682	11682					
34	8.8	8.8	11713.4	11713.4					
35	8.6	8.6	11735.3	11735.3					
36	8.5	8.5	11860.8	11860.8					
37	7.5	7.5	12084.6	12084.6					
38	7.4	7.4	12152	12152					
39	6.8	6.8	12343.4	12343.4					
40	6.5	6.5	12571.5	12571.5					
41	6.7	6.7	12645.3	12645.3					
42	7.1	7.1	12831.9	12831.9					
43	7.3	7.3	12952.6	12952.6					
44	7.6	7.6	13023.3	13023.3					
45	8	8	13093.3	13093.3					
46	8.3	8.3	13252	13252					
47	8.4	8.4	13234.4	13234.4					
48	8.6	8.6	13251.9	13281.3					
49	8.5	8.5	13265.7	13265.7					
50	8	8	13459.7	13459.7					
51	8	8	13695.1	13695.1					
52	7.3	7.3	13833.1	13833.1					
53	6.5	6.5	13531.9	13531.9				-0.8	
54	5.6	5.6	14132.5	14132.5				-0.1	
55	4.6	4.6	14395.8	14395.8				0.7	
56	3.7	3.7	14488.7	14663.5				1.4	
57	3.4	3.5	5770	5770				2.2	
58	3.7	3.8	5837.7	5832.3				3	
59	3.7	3.8	5830.2	5863.7				3.8	
60	3.5	3.6	5892.3	5979.7				4.7	
61	3.1	3.2	6533.2	6533.2				5.5	
62	3	3	33936.4	33936.4				6.3	
63	3.1	3.1	34099.8	34099.8				7.2	
64	2.9	2.9	35919.7	35919.7				8.1	
65	2.9	2.9	36503.7	36503.7				9	
66	2.9	2.9	37245.4	37245.4				9.9	

67	2.8	2.8	17205.6	17138.8					10.8
68	2.8	2.8	16562.6	16636.6					11.7
69	2.9	2.9	24332.3	24332.3					12.6
70	3.3	3.3	23982.1	23982.1					13.6
71	3.4	3.4	23863.7	23863.7					14.5
72	3.7	3.7	23563.8	23563.8					15.4
73	3.8	3.8	22866.7	22866.7					16.4
74	4	4	23090.5	23090.5					17.4
75	4.1	4.1	23127.1	23127.1					18.3
76	3.8	3.8	23087.7	23087.7					19.3
77	3.8	3.8	24445.2	24445.2					20.3
78	3.7	3.7	24999	24999					21.3
79	3.4	3.6	9308.8	9308.8					22.2
80	3.8	3.9	9163.6	9201.8					23.2
81	4.2	4.3	9114.3	8961.7					24.2
82	4.6	4.8	8914.9	8944.7					25.2
83	5.1	5.3	8867.9	8778.2					26.1
84	5.5	5.7	8766.5	8766.5					27.1
85	5.9	6	8727.4	8787.3					28.1
86	6	6.2	8720.8	8750.8					29
87	6.6	6.7	8716.8	8716.8					30
88	6.9	7.1	8655.3	3990.3					30.9
89	7.3	7.7	8566.4	3990.8					31.9
90	7.9	8.2	3857.8	3842.3					32.8
91	8.3	8.7	4101	4296.5					33.7
92	8.9	9.3	4195.4	4135.5	-1.6	6:27	7:27		34.6
93	9.5	9.8	8537.5	5466.9	-0.6	6:33	7:33		35.5
94	10.3	10.5	5566.7	5581.6	0.3	6:38	7:38		36.4
95	11	11.2	5411.4	5426.3	1.2	6:44	7:44		37.3
96	11.6	11.8	5529.2	5452.9	2.1	6:49	7:49		38.1
97	12.4	12.6	5544.9	5468.4	3	6:55	7:55		39
98	13	13.2	5574.5	5574.5	3.9	7:00	8:00		39.8
99	13.6	13.7	5564.2	5564.2	4.9	7:05	8:05		40.6
100	14.2	14.2	5858.8	5858.8	5.8	7:11	8:11		41.4
101	14.4	14.5	5496	5496	6.6	7:16	8:16		42.2
102	14.8	14.8	6248.1	5211.3	7.5	7:21	8:21		43
103	15	15	5415.5	5415.5	8.4	7:27	8:27		43.8
104	14.9	15.2	3135.7	3026.5	9.3	7:32	8:32		44.5
105	15.6	16.1	3152.7	3105.3	10.1	7:37	8:37		45.2
106	16.3	16.7	3109	3090.1	11	7:42	8:42		45.9
107	17	17.5	3094.9	3109.1	11.8	7:48	8:48		46.6
108	17.5	18	3081.7	3081.7	12.7	7:53	8:53		47.3
109	18.4	18.8	3041.1	3043.8	13.5	7:58	8:58		48
110	19	19.5	3064.3	3067.5	14.3	8:03	9:03		48.6
111	19.4	19.8	3040.9	3072.9	15.1	8:08	9:08		49.3
112	19.7	20.1	2970.1	2987.6	15.9	8:13	9:13		49.9
113	19.9	20.2	3012.6	2956.8	16.6	8:18	9:18		50.5
114	20	20.3	3003.3	2996.7	17.4	8:23	9:23		51.1
115	20	20.5	3003.1	2994.2	18.2	8:28	9:28		51.6
116	20.2	21.1	3331.1	6	18.9	8:32	9:32		52.2
117	20.4	23.1	3467.5	6.1	19.6	8:37	9:37		52.7
118	20.7	24.9	3484.1	6.1	20.3	8:42	9:42		53.2
119	21	26.4	3535.1	6.2	21	8:47	9:47		53.7
120	21.1	27.9	3574.3	6.2	21.7	8:51	9:51		54.2
121	21.2	29.2	3722.8	6.3	22.4	8:56	9:56		54.7
122	21.5	30.4	3818.3	6.4	23	9:00	10:00		55.2
123	21.8	31.9	3902.6	6.3	23.7	9:05	10:05		55.6
124	22.1	33.3	3904.2	6.2	24.3	9:09	10:09		56.1
125	22.4	34.6	3903.6	6	24.9	9:14	10:14		56.5
126	22.6	35.8	3909.8	5.9	25.5	9:18	10:18		56.9
127	22.6	37	3913.8	5.7	26.1	9:22	10:22		57.3
128	22.5	38	3885.5	5.6	26.7	9:27	10:27		57.7
129	22.3	29.4	3825.8	7	27.2	9:31	10:31		58.1
130	22.4	22.4	4138.4	4138.4	27.8	9:35	10:35		58.5
131	22.4	22.4	4167.2	4167.2	28.3	9:39	10:39		58.8
132	22.4	23.1	4279.2	1388.9	28.8	9:43	10:43		59.2
133	22.4	22.9	4300.1	1384.6	29.3	9:47	10:47		59.5
134	22.5	23.2	2288.5	2256.7	29.8	9:51	10:51		59.8
135	23	23.7	2290.3	2305.9	30.3	9:55	10:55		60.1

-0.7
0.1
0.8
1.5
2.3
3
3.6
4.3
4.9
5.6
6.2

136	23.8	24.3	2232.7	2239.7	30.8	9:59	10:59	60.4	6.8
137	24.2	24.8	2222.4	2224.4	31.2	10:03	11:03	60.7	7.4
138	24.5	25	2213.4	2221.7	31.7	10:07	11:07	61	8
139	24.6	25.2	2197.1	2213.8	32.1	10:11	11:11	61.3	8.5
140	24.7	25.3	2231	2157.9	32.5	10:14	11:14	61.5	9.1
141	24.9	25.4	2353.2	2356.4	32.9	10:18	11:18	61.8	9.6
142	25	26.2	2439	1768.7	33.3	10:22	11:22	62	10.1
143	25.4	26.3	2422.5	1766.9	33.7	10:25	11:25	62.3	10.6
144	25.9	26.2	2452.7	2425.3	34	10:29	11:29	62.5	11.1
145	26.2	26.5	2453.5	2457.9	34.4	10:33	11:33	62.7	11.5
146	26.3	26.7	2492.2	2505.2	34.7	10:36	11:36	62.9	12
147	26.5	26.8	2511.4	2507.8	35.1	10:40	11:40	63.1	12.4
148	26.5	39.1	2514.2	6.6	35.4	10:43	11:43	63.3	12.8
149	26.5	39.5	2531.6	6.8	35.7	10:47	11:47	63.5	13.3
150	26.4	40	2534.4	7	36	10:50	11:50	63.7	13.6
151	26.8	40.3	3017.2	7.2	36.3	10:54	11:54	63.9	14
152	26.9	40.6	3010.5	7.3	36.6	10:57	11:57	64	14.4
153	27.1	40.6	2983	7.3	36.8	11:00	12:00	64.2	14.7
154	27.1	40.6	2978.8	7.2	37.1	11:04	12:04	64.3	15.1
155	27	40.6	2963.5	7.2	37.3	11:07	12:07	64.5	15.4
156	26.8	40.7	2943.5	7.1	37.6	11:10	12:10	64.6	15.7
157	26.7	40.7	2929.8	7.1	37.8	11:14	12:14	64.7	16
158	26.8	40.7	2663.9	7	38	11:17	12:17	64.9	16.3
159	26.9	40.7	2651.7	7	38.2	11:20	12:20	65	16.6
160	27.1	27.3	2642.8	2646	38.4	11:24	12:24	65.1	16.8
161	27.1	27.4	2572.8	2571.9	38.6	11:27	12:27	65.2	17.1
162	27.2	27.5	2565	2568.2	38.7	11:30	12:30	65.3	17.3
163	27.2	27.6	2575.4	2557.8	38.9	11:33	12:33	65.4	17.5
164	27.2	27.5	2796.6	2606	39.1	11:36	12:36	65.5	17.7
165	27.3	27.4	2806.4	2763.6	39.2	11:39	12:39	65.6	17.9
166	27.3	27.4	2778.3	2770.3	39.3	11:43	12:43	65.7	18.1
167	27.2	27.3	2797.6	2773.1	39.5	11:46	12:46	65.7	18.3
168	27.1	27.3	2779.7	2763.2	39.6	11:49	12:49	65.8	18.4
169	27	27.2	2767.7	2761.6	39.7	11:52	12:52	65.9	18.6
170	26.8	27	2798.2	2795.4	39.8	11:55	12:55	65.9	18.7
171	26.5	26.7	2803.2	2785.9	39.9	11:58	12:58	66	18.8
172	26.3	26.4	2799.7	2794.9	39.9	12:01	13:01	66	18.9
173	26.1	26.3	2802.4	2796.3	40	12:04	13:04	66	19
174	25.8	26	2803.8	2800.8	40.1	12:07	13:07	66.1	19.1
175	25.6	25.8	2791	2791.8	40.1	12:10	13:10	66.1	19.1
176	25.2	25.5	2799.2	2795.1	40.2	12:14	13:14	66.1	19.2
177	24.9	25.2	2811	2775.1	40.2	12:17	13:17	66.1	19.2
178	24.7	24.9	2789.9	2763.8	40.2	12:20	13:20	66.2	19.3
179	24.4	24.7	2818.6	2792.6	40.2	12:23	13:23	66.2	19.3
180	24.4	24.7	2818.6	2792.6	40.2	12:26	13:26	66.2	19.3
181	23.7	24	2792.5	2796.5	40.2	12:29	13:29	66.2	19.3
182	23.5	23.8	2807.7	2804.7	40.2	12:32	13:32	66.2	19.3
183	23.5	23.7	2807.8	2774.4	40.2	12:35	13:35	66.1	19.2
184	23.2	23.5	2841.9	2827.2	40.2	12:38	13:38	66.1	19.2
185	22.6	23	2810.5	2798.5	40.1	12:41	13:41	66.1	19.1
186	22.1	22.6	2838.3	1537.2	40.1	12:44	13:44	66.1	19.1
187	21.8	22.5	2858.1	1593	40	12:47	13:47	66	19
188	21.4	22.2	2811	1588.3	39.9	12:50	13:50	66	18.9
189	21	21.9	1595.3	1606.5	39.9	12:53	13:53	66	18.8
190	20.6	21.6	1617.9	1563	39.8	12:56	13:56	65.9	18.7
191	20.2	21	2648.5	1606.3	39.7	13:00	14:00	65.9	18.6
192	19.7	20.3	2416.5	1646.8	39.6	13:03	14:03	65.8	18.4
193	19.3	24.6	2683.4	10.9	39.5	13:06	14:06	65.7	18.3
194	18.9	24.4	2075.3	11	39.3	13:09	14:09	65.7	18.1
195	18.7	24.1	2106.4	11.1	39.2	13:12	14:12	65.6	17.9
196	18.4	23.9	2120.4	11.1	39.1	13:15	14:15	65.5	17.7
197	18	23.7	1975.3	11.2	38.9	13:18	14:18	65.4	17.5
198	17.9	23.5	1996.6	11.2	38.7	13:22	14:22	65.3	17.3
199	17.6	23.2	2035.6	11.3	38.6	13:25	14:25	65.2	17.1
200	17.2	22.9	2068.3	11.4	38.4	13:28	14:28	65.1	16.8
201	16.7	22.5	2104.2	11.5	38.2	13:31	14:31	65	16.6
202	16.2	22.2	2096.7	11.5	38	13:35	14:35	64.9	16.3
203	15.7	21.9	3877.1	11.6	37.8	13:38	14:38	64.7	16
204	15.7	21.6	3889.8	11.7	37.6	13:41	14:41	64.6	15.7

205	15.7	21.4	3848.8	12.9	37.3	13:44	14:44	64.5	15.4
206	15.5	21.1	3748.2	12.5	37.1	13:48	14:48	64.3	15.1
207	15.5	20.8	3615.4	12	36.8	13:51	14:51	64.2	14.7
208	15.3	20.3	3618	11.7	36.6	13:54	14:54	64	14.4
209	15	19.8	3601.2	11.4	36.3	13:58	14:58	63.9	14
210	14.9	19.3	3652.4	11.2	36	14:01	15:01	63.7	13.6
211	14.6	18.8	3604.4	11.4	35.7	14:05	15:05	63.5	13.3
212	14.1	18.3	4610.1	11.5	35.4	14:08	15:08	63.3	12.8
213	13.8	17.8	3740.5	11.6	35.1	14:12	15:12	63.1	12.4
214	13.3	16.6	3750	11.8	34.7	14:15	15:15	62.9	12
215	12.9	13.9	3760.6	29.3	34.4	14:19	15:19	62.7	11.5
216	12.6	13.7	3751.3	29.7	34	14:22	15:22	62.5	11.1
217	12.3	13.5	3860.3	28.7	33.7	14:26	15:26	62.3	10.6
218	12	13.3	3895.4	29.2	33.3	14:30	15:30	62	10.1
219	11.4	13.2	3910.6	29.6	32.9	14:33	15:33	61.8	9.6
220	11	13.1	4128.6	30	32.5	14:37	15:37	61.5	9.1
221	10.9	13	4177.2	30.5	32.1	14:41	15:41	61.3	8.5
222	10.6	12.8	4323	31	31.7	14:45	15:45	61	8
223	10.3	12.2	4331.8	29.7	31.2	14:49	15:49	60.7	7.4
224	9.7	11.6	4373.7	29.2	30.8	14:53	15:53	60.4	6.8
225	9.3	11.1	4204.7	28.7	30.3	14:56	15:56	60.1	6.2
226	8.9	10.5	4196.2	28.2	29.8	15:00	16:00	59.8	5.6
227	8.7	10	4083.1	36.7	29.3	15:04	16:04	59.5	4.9
228	8.3	10.7	4087.2	36.2	28.8	15:08	16:08	59.2	4.3
229	7.8	11.4	4242	35.8	28.3	15:13	16:13	58.8	3.6
230	7.5	11.9	3749.1	35.1	27.8	15:17	16:17	58.5	3
231	7.3	11.8	3798.7	35.4	27.2	15:21	16:21	58.1	2.3
232	6.9	11.6	3807.1	36.2	26.7	15:25	16:25	57.7	1.5
233	6.7	11.5	3849.7	38.9	26.1	15:29	16:29	57.3	0.8
234	6.4	11.3	3926.7	37.1	25.5	15:34	16:34	56.9	0.1
235	6	11.9	3884.4	37.8	24.9	15:38	16:38	56.5	-0.7
236	5.4	11.7	3855.7	37.7	24.3	15:42	16:42	56.1	
237	5	11.4	3848.9	37.3	23.7	15:47	16:47	55.6	
238	4.7	10.5	3755.9	40.1	23	15:51	16:51	55.2	
239	4.5	10.5	4080.8	39.9	22.4	15:56	16:56	54.7	
240	4.3	10.3	23398.1	40.7	21.7	16:00	17:00	54.2	
241	4	10.7	23221.6	39	21	16:05	17:05	53.7	
242	3.9	10.9	23112.3	38.9	20.3	16:10	17:10	53.2	
243	3.6	9.7	23113.9	43	19.6	16:14	17:14	52.7	
244	3.4	9.4	19820.4	44.3	18.9	16:19	17:19	52.2	
245	3.3	9.6	17953.9	46.6	18.2	16:24	17:24	51.6	
246	3.2	8.6	17543.8	45.3	17.4	16:29	17:29	51.1	
247	3.8	8	11481.9	44.9	16.6	16:34	17:34	50.5	
248	4.3	7.5	11247.1	44.6	15.9	16:39	17:39	49.9	
249	4.9	7	11433.6	44.3	15.1	16:44	17:44	49.3	
250	5.2	6.5	11272.3	44	14.3	16:49	17:49	48.6	
251	5.5	5.7	11057.2	43.8	13.5	16:54	17:54	48	
252	6.2	6.2	11121.3	11121.3	12.7	16:59	17:59	47.3	
253	7	7	11160.2	11160.2	11.8	17:04	18:04	46.6	
254	7.7	7.7	11144.4	11144.4	11	17:09	18:09	45.9	
255	8.6	8.6	11219.2	11219.2	10.1	17:14	18:14	45.2	
256	8.6	8.6	11248.5	11248.5	9.3	17:20	18:20	44.5	
257	8.7	8.7	10273.5	10273.5	8.4	17:25	18:25	43.8	
258	8.6	8.6	9968	9968	7.5	17:30	18:30	43	
259	8.9	8.9	9709.3	9709.3	6.6	17:35	18:35	42.2	
260	8.8	8.8	9640.6	9640.6	5.8	17:41	18:41	41.4	
261	9	9	8750.5	8750.5	4.9	17:46	18:46	40.6	
262	9.2	9.2	8584.2	8551.2	3.9	17:52	18:52	39.8	
263	9.2	9.2	8518.3	8455.6	3	17:57	18:57	39	
264	9.2	9.2	8228.2	8225.9	2.1	18:02	19:02	38.1	
265	9.2	9.2	8132	8132	1.2	18:08	19:08	37.3	
266	9.1	9.2	7009.6	6979.6	0.3	18:13	19:13	36.4	
267	9.4	9.5	6795.6	6810.6	-0.6	18:19	19:19	35.5	
268	9.8	9.8	6704.7	6554.7	-1.6	18:24	19:24	34.6	
269	9.9	10	6540.7	6540.7				33.7	
270	10.3	10.5	6469	6469				32.8	
271	10.7	10.8	6398.7	6398.7				31.9	
272	11.2	11.3	6119.8	6074.9				30.9	
273	11.7	11.8	6143	6143				30	

274	12.1	12.1	6169.5	6169.5	29
275	12.7	12.7	6045.7	6045.7	28.1
276	12.9	12.9	5726.5	5726.5	27.1
277	13.3	13.3	5680.6	5680.6	26.1
278	13.3	13.3	5668.1	5668.1	25.2
279	13.5	13.7	5593.9	5593.9	24.2
280	14.1	14.1	5567.8	5567.8	23.2
281	14.3	14.3	5587.4	5587.4	22.2
282	14.3	14.3	5583	5633.8	21.3
283	14.2	14.2	5648.3	5630.1	20.3
284	14.1	14.2	5656.6	5656.6	19.3
285	13.9	14	5542.8	5542.8	18.3
286	13.8	13.8	5457.8	5457.8	17.4
287	13.8	13.8	5462.4	5462.4	16.4
288	13.9	13.9	5203.4	5203.4	15.4
289	14	14	5196.2	5196.2	14.5
290	14.2	14.6	2540.2	2535.8	13.6
291	14.7	14.9	2545.7	2711.9	12.6
292	15.2	15.4	2542	2704.7	11.7
293	15.5	15.8	2736	2738.8	10.8
294	15.8	16.2	2704.3	2743.7	9.9
295	16.2	16.6	2684.2	2718.6	9
296	16.5	17	2691.8	2679.2	8.1
297	17	17.3	2707.3	2679.4	7.2
298	17.2	17.7	2687.8	2699	6.3
299	17.4	17.9	2566.5	2658.4	5.5
300	17.7	18.1	2524.6	2520.5	4.7
301	18.1	18.4	2499.9	2507.9	3.8
302	18.3	18.7	2457.1	2496.2	3
303	18.5	18.9	2427	2431.4	2.2
304	18.7	19.1	2426.4	2403.8	1.4
305	19	19.4	2360.2	2374.4	0.7
306	19.3	19.7	2315.7	2342.8	-0.1
307	19.4	19.8	2317.2	2324.7	-0.8
308	19.5	20	2314.5	2236	
309	19.7	20.3	2112.2	2219.5	
310	20	21	1959.2	11.1	
311	20.5	21.9	1856.6	10.9	
312	20.9	22.8	1850.1	10.7	
313	21.2	23.8	1927	10.5	
314	21.4	24.6	1887	10.4	
315	21.5	25.5	1909.1	10.2	
316	21.7	26.3	1880	10	
317	21.8	27.2	1865.2	9.9	
318	22	28	1854.9	9.7	
319	22	28.8	1852.4	9.6	
320	21.9	29.6	1792.8	9.4	
321	22	29.9	1787.8	9.4	
322	22	29.8	1787.2	9.6	
323	22	29.8	1860.3	9.8	
324	22.1	29.8	1868.7	10	
325	22.1	30.6	1853.9	10.1	
326	22.1	31.5	1853.6	9.9	
327	22	32.2	1816.7	9.8	
328	22	33	1816.2	9.7	
329	21.9	33.7	1793.4	9.6	
330	21.9	34.2	1837.6	9.5	
331	21.9	34.7	1837.9	9.5	
332	21.9	35.2	1760	9.4	
333	21.7	35.7	1808	9.3	
334	21.5	36.1	1805.1	9.2	
335	21.3	36.3	1788.8	9.2	
336	21.1	36.2	1683.9	9.1	
337	20.8	36	1685.6	9.1	
338	20.8	35.9	1677.5	9	
339	20.5	35.8	1679.7	8.9	
340	20.2	35.6	1692.5	8.9	
341	20	35.2	1763.4	8.8	
342	19.8	34	1754.1	8.8	

343	19.3	32.8	1700.4	8.7
344	18.5	31.5	1768.9	8.7
345	18	30.5	1597.2	9.7
346	17.5	30.1	1582.2	9.7
347	17.2	29.7	1575.2	9.6
348	16.5	29.2	1353.5	9.6
349	16.4	28.9	1355.5	9.5
350	16.4	28.7	1356.7	9.5
351	16.3	28.4	1370.3	9.5
352	16.3	28.2	1367.2	9.5
353	16.1	28	1364.6	9.5
354	15.7	27.7	1372.4	9.4
355	15.1	27.1	1362.6	9.4
356	14.5	26.3	1391.2	9.4
357	13.8	25.4	1386.2	9.4
358	13.2	24.5	1403.6	9.4
359	12.5	23.5	1404.4	9.4

Alle numerischen Winkelangaben der Tabelle erfolgen in (Alt-)Grad.
Der Azimutwinkel beträgt für Norden 0°, für Osten 90°, für Süden 180° und für Westen 270°.
Alle weiteren Spalten der Tabelle geben den Höhenwinkel über dem astronomischen Horizont bzw. die entsprechende Uhrzeit am Abfragetag an.

Ein Dienst der Länderkooperation [geoland.at](https://www.geoland.at) ([Dokumentation](#), [Kontakt](#), [Impressum](#)).

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