

Sonnengangberechnung

Datum/Uhrzeit (MM-TT-hh:mm): 08-02-18:07

Höhe über Boden (m): 2

Elemente der Ausgabe:

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

[Abfrage anfordern](#)

Sonnengang mit Horizontdarstellung

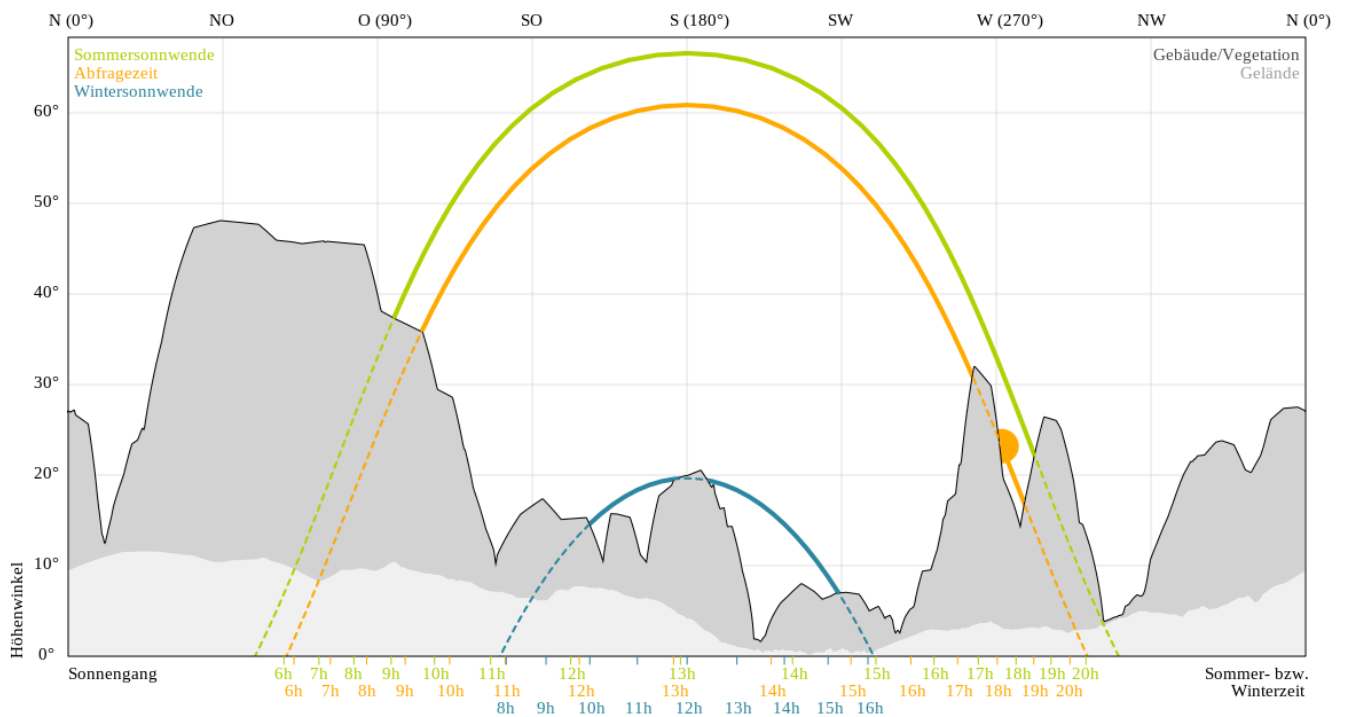
Abfragekoordinaten (EPSG:4326): 14.56, 46.94

Abfragehöhe (m): 1039.8 (+2.0)

Abfragezeit: 2.8.2025, 18:07 Uhr (Sonnenanfang 9:23 Uhr, Sonnenuntergang 18:45 Uhr)

Datengrundlage: Laserscanning Höhenmodell 2024 - geoland.at

Befliegungsjahr im Abfragepunkt: 2012



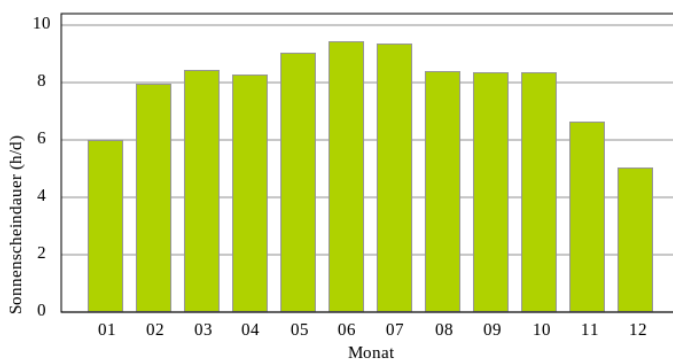
Sonnenstunden pro Tag im Monatsmittel

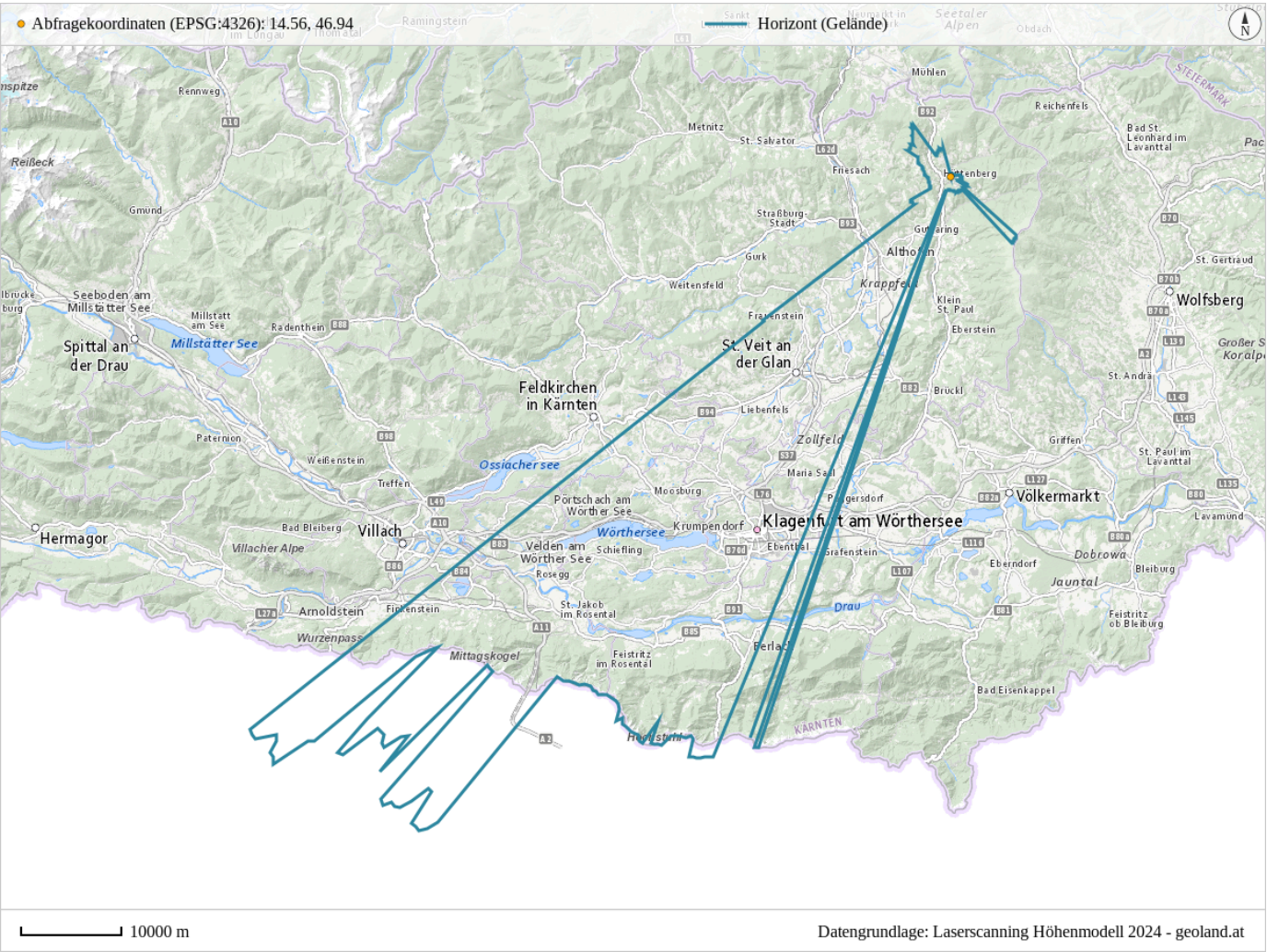
Abfragekoordinaten (EPSG:4326): 14.56, 46.94

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Befliegungsjahr im Abfragepunkt: 2012





[Tabelle im CSV-Format abspeichern](#) [Tabelle im JSON-Format abspeichern](#)

Azimuth (°)	Höhenwinkel (°)		Horizontale Entfernung (m)		Sonnengang				
	Gelände	Oberfläche	Gelände	Oberfläche	2.8.2025 (°)	2.8.2025 (MEZ)	2.8.2025 (MESZ)	Sommersonnwende (°)	Wintersonnwende (°)
0	9.5	27.1	301.4	14.5					
1	9.6	26.9	300.5	13.4					
2	9.8	27.1	292.5	13.4					
3	9.9	26.5	289.7	14.5					
4	10.1	26.2	301.9	14.5					
5	10.2	25.9	302.3	14.5					
6	10.4	25.7	311.8	14.5					
7	10.5	23.9	318.4	14.5					
8	10.6	21.1	321.1	14.5					
9	10.8	17.6	315.8	14.6					
10	10.9	14.5	301.5	17.6					
11	11	12.6	301.4	24.8					
12	11.1	14.2	299.4	24.9					
13	11.2	15.9	304.5	24.5					
14	11.3	17.4	294.5	24.1					
15	11.4	18.6	306.1	24.2					
16	11.5	19.7	309.6	23.8					
17	11.5	21.1	309.1	23.4					
18	11.5	22.5	314.9	23.5					
19	11.5	23.5	317.7	23.6					
20	11.6	23.7	316.4	23.8					
21	11.6	24.5	316.3	22.9					
22	11.6	25.1	314.9	23					
23	11.6	26.8	314.3	4.8					
24	11.6	29	348.3	4.9					
25	11.6	30.9	349.7	4.9					
26	11.5	32.6	307	4.9					

27	11.5	34.2	350.7	5				
28	11.5	36	352.9	5				
29	11.5	37.8	352.1	5.1				
30	11.4	39.4	333	5.1				
31	11.4	40.9	354.7	5.2				
32	11.3	42.2	338	5.2				
33	11.3	43.4	337.2	5.3				
34	11.2	44.6	338.7	5.4				
35	11.2	45.6	336.1	5.4				
36	11.2	46.6	367.5	5.5				
37	11.1	47.2	336.8	5.5				
38	11	47.4	336.5	5.6				
39	10.9	47.5	339.3	5.7				
40	10.8	47.6	341.4	5.8				
41	10.6	47.7	346.5	5.9				
42	10.5	47.8	348.8	5.9				
43	10.4	47.9	356.8	6				
44	10.4	48	386.7	6.1				
45	10.4	48	388.1	6.1				
46	10.5	47.9	392.2	6.3				
47	10.5	47.9	395.2	6.4				
48	10.6	47.9	401.7	6.5				
49	10.6	47.8	400.4	6.6				
50	10.6	47.8	392.7	6.8				
51	10.6	47.8	393.9	6.9				
52	10.7	47.7	393.2	7				
53	10.7	47.7	394.1	7.2				-1
54	10.7	47.6	391.9	7.4				-0.3
55	10.7	47.6	403.9	7.5				0.5
56	10.9	47.6	403.8	7.7				1.3
57	10.9	47.2	404.3	7.6				2.1
58	10.8	46.9	406.8	7.5				2.9
59	10.6	46.6	403.2	7.4				3.7
60	10.5	46.2	400.4	7.3				4.5
61	10.4	45.9	396.3	7.3				5.4
62	10.3	45.8	400.3	8.3	-1.2	4:39	5:39	6.2
63	10.2	45.7	396.4	8.3	-0.4	4:45	5:45	7.1
64	10	45.7	403	8.2	0.4	4:50	5:50	8
65	9.9	45.7	401.6	8.1	1.3	4:56	5:56	8.9
66	9.7	45.6	400.3	8	2.1	5:01	6:01	9.8
67	9.5	45.6	398.2	8.4	3	5:07	6:07	10.7
68	9.3	45.5	396.3	8.7	3.9	5:12	6:12	11.6
69	9.1	45.5	390	8.9	4.8	5:18	6:18	12.6
70	8.9	45.5	371.2	8.8	5.7	5:24	6:24	13.5
71	8.8	45.6	451	8.8	6.6	5:29	6:29	14.5
72	8.6	45.6	458.7	8.7	7.5	5:35	6:35	15.4
73	8.3	45.7	457	8.7	8.4	5:41	6:41	16.4
74	8.4	45.7	772.5	8.6	9.4	5:46	6:46	17.4
75	8.6	45.7	898.3	8.6	10.3	5:52	6:52	18.4
76	8.7	45.7	802.2	5.4	11.3	5:58	6:58	19.3
77	8.9	45.7	895.3	5.4	12.2	6:04	7:04	20.3
78	9.2	45.6	888.5	5.4	13.2	6:09	7:09	21.3
79	9.4	45.6	894.4	5.4	14.1	6:15	7:15	22.3
80	9.6	45.5	901.5	5.4	15.1	6:21	7:21	23.3
81	9.6	45.5	908.2	5.3	16	6:26	7:26	24.3
82	9.5	45.5	910.7	5.3	17	6:32	7:32	25.3
83	9.6	45.4	921.3	5.3	18	6:38	7:38	26.3
84	9.6	45.4	916.3	5.3	18.9	6:44	7:44	27.2
85	9.7	45.4	941.9	5.3	19.9	6:49	7:49	28.2
86	9.7	45.3	949.2	5.3	20.9	6:55	7:55	29.2
87	9.7	44.9	985.7	5.3	21.8	7:00	8:00	30.1
88	9.5	43.6	990.1	5.3	22.8	7:06	8:06	31.1
89	9.5	42.2	999.9	5.3	23.7	7:12	8:12	32
90	9.5	40.7	1034.3	5.3	24.6	7:17	8:17	33
91	9.7	39	1055.3	5.3	25.6	7:22	8:22	33.9
92	9.8	37.9	1065.5	7.3	26.5	7:28	8:28	34.8
93	10.1	37.7	1082.2	7.3	27.4	7:33	8:33	35.7
94	10.3	37.5	1088.1	7.3	28.3	7:39	8:39	36.6
95	10.4	37.3	1098	7.3	29.2	7:44	8:44	37.5
96	10.4	37.1	1109.6	7.3	30.1	7:49	8:49	38.4

97	10	36.9	1105.2	7.3	31	7:54	8:54	39.2	
98	9.8	36.7	1079.4	7.3	31.8	7:59	8:59	40.1	
99	9.7	36.6	1053.1	7.3	32.7	8:04	9:04	40.9	
100	9.6	36.4	1026.3	7.3	33.5	8:09	9:09	41.7	
101	9.5	36.2	977.5	7.4	34.3	8:14	9:14	42.5	
102	9.4	36	990.6	7.4	35.2	8:19	9:19	43.3	
103	9.3	35.8	984.8	7.4	35.9	8:24	9:24	44.1	
104	9.2	35.3	982.3	7.4	36.7	8:29	9:29	44.8	
105	9.1	33.9	972.2	7.5	37.5	8:33	9:33	45.5	
106	9.1	32.5	963.5	7.5	38.3	8:38	9:38	46.3	
107	9	30.9	953.8	7.5	39	8:42	9:42	47	
108	9	29.4	883.8	9.6	39.7	8:47	9:47	47.6	
109	8.9	29.2	835.3	9.7	40.4	8:51	9:51	48.3	
110	8.8	29	833	9.8	41.1	8:55	9:55	49	
111	8.5	28.8	829.4	9.8	41.8	9:00	10:00	49.6	
112	8.5	28.6	833.3	9.9	42.5	9:04	10:04	50.2	
113	8.5	27.5	827.5	9.9	43.1	9:08	10:08	50.8	
114	8.4	25.9	1792.9	10	43.7	9:12	10:12	51.4	
115	8.4	24.1	1792.3	10.1	44.4	9:16	10:16	52	
116	8.3	22.7	553.1	13.4	45	9:20	10:20	52.5	
117	8.2	21.1	543.9	13.6	45.6	9:24	10:24	53.1	
118	8.2	19.3	542	13.7	46.1	9:28	10:28	53.6	
119	7.9	17.8	534.5	16.3	46.7	9:31	10:31	54.1	
120	7.7	16.7	534.7	16.2	47.2	9:35	10:35	54.6	
121	7.5	15.4	1759.3	16.4	47.8	9:39	10:39	55.1	
122	7.4	14	1740.1	16.6	48.3	9:42	10:42	55.5	-2.9
123	7.2	13.1	1728.9	15.6	48.8	9:46	10:46	56	-2.1
124	7.2	12	1731.3	15.7	49.3	9:49	10:49	56.4	-1.3
125	7.1	11.2	1693.7	6.3	49.7	9:52	10:52	56.9	-0.5
126	7.1	12	1653.1	6.4	50.2	9:56	10:56	57.3	0.3
127	7.1	12.7	1651.2	6.5	50.7	9:59	10:59	57.7	1
128	7	13.4	1664.6	6.6	51.1	10:02	11:02	58.1	1.8
129	6.9	14	1636.2	6.7	51.5	10:05	11:05	58.4	2.5
130	6.8	14.6	1607.7	6.8	51.9	10:09	11:09	58.8	3.2
131	6.5	15.2	1606.2	6.9	52.3	10:12	11:12	59.2	3.9
132	6.5	15.7	8626.1	6.9	52.7	10:15	11:15	59.5	4.5
133	6.5	16	8800.9	6.8	53.1	10:18	11:18	59.8	5.2
134	6.5	16.2	8752.2	6.7	53.5	10:21	11:21	60.2	5.8
135	6.5	16.5	8772.9	6.6	53.8	10:23	11:23	60.5	6.4
136	6.4	16.8	8834	6.5	54.2	10:26	11:26	60.8	7
137	6.2	17	8855.3	6.3	54.5	10:29	11:29	61.1	7.6
138	6.2	17.3	1585.9	6.2	54.8	10:32	11:32	61.3	8.2
139	6.2	17.2	1607.8	6.3	55.1	10:35	11:35	61.6	8.8
140	6.4	16.8	1621.8	6.4	55.4	10:37	11:37	61.9	9.3
141	6.8	16.3	1620	6.6	55.7	10:40	11:40	62.1	9.9
142	7.2	15.9	1615.1	6.7	56	10:43	11:43	62.4	10.4
143	7.3	15.5	1617.1	6.9	56.3	10:45	11:45	62.6	10.9
144	7.4	15	1613.2	6.9	56.5	10:48	11:48	62.8	11.4
145	7.3	15.1	1606.8	6.9	56.8	10:50	11:50	63	11.8
146	7.5	15.1	1612.5	6.8	57	10:53	11:53	63.3	12.3
147	7.7	15.1	1618.7	6.7	57.2	10:55	11:55	63.5	12.7
148	7.7	15.1	1615.9	6.6	57.5	10:58	11:58	63.7	13.1
149	7.7	15.2	1629.7	6.6	57.7	11:00	12:00	63.8	13.6
150	7.7	15.2	1627.4	6.5	57.9	11:03	12:03	64	13.9
151	7.7	15.2	1627.5	6.4	58.1	11:05	12:05	64.2	14.3
152	7.6	14.7	1619	6.4	58.3	11:07	12:07	64.4	14.7
153	7.5	13.8	1636.6	6.3	58.5	11:10	12:10	64.5	15
154	7.5	12.8	1640.1	6.3	58.6	11:12	12:12	64.7	15.4
155	7.6	11.8	1637.9	6.2	58.8	11:14	12:14	64.8	15.7
156	7.5	11.1	1636.8	13.8	59	11:17	12:17	64.9	16
157	7.5	13.6	1618.3	13.7	59.1	11:19	12:19	65.1	16.3
158	7.3	15.7	1610	13.6	59.3	11:21	12:21	65.2	16.6
159	7.3	15.6	1610.9	13.8	59.4	11:23	12:23	65.3	16.9
160	7.2	15.6	1592	14.4	59.5	11:26	12:26	65.4	17.1
161	7	15.6	1574.9	14.5	59.7	11:28	12:28	65.5	17.4
162	6.9	15.5	1597.9	14.4	59.8	11:30	12:30	65.6	17.6
163	6.7	15.4	1495.4	14.3	59.9	11:32	12:32	65.7	17.8
164	6.6	15.3	1498.4	14.2	60	11:34	12:34	65.8	18
165	6.5	14	1481	14.1	60.1	11:36	12:36	65.9	18.2
166	6.4	12.6	1515	14.1	60.2	11:38	12:38	66	18.4

167	6.4	11.2	1533.2	15	60.3	11:41	12:41	66.1	18.6
168	6.4	10.7	1462.8	15	60.4	11:43	12:43	66.1	18.7
169	6.4	12	1456.1	14.9	60.4	11:45	12:45	66.2	18.9
170	6.3	14.2	1393.8	14.8	60.5	11:47	12:47	66.2	19
171	6.2	16	1386.1	14.8	60.5	11:49	12:49	66.3	19.1
172	6.2	17.7	1375.6	14.7	60.6	11:51	12:51	66.3	19.2
173	6	18	1351.6	14.7	60.6	11:53	12:53	66.4	19.3
174	5.8	18.3	1360.4	14.7	60.7	11:55	12:55	66.4	19.4
175	5.5	18.6	1316.2	14.6	60.7	11:57	12:57	66.4	19.5
176	5.3	19.1	1285.6	15.6	60.7	11:59	12:59	66.5	19.5
177	5.1	19.5	1266.5	15.6	60.8	12:01	13:01	66.5	19.6
178	4.8	19.6	1304.1	15.6	60.8	12:03	13:03	66.5	19.6
179	4.5	19.8	1358.9	15.6	60.8	12:05	13:05	66.5	19.6
180	4.4	19.9	1352	15.6	60.8	12:07	13:07	66.5	19.6
181	4.1	20	1349.6	13.6	60.8	12:10	13:10	66.5	19.6
182	4.1	20.1	1349.6	13.6	60.8	12:12	13:12	66.5	19.6
183	3.8	20.3	1313	13.6	60.8	12:14	13:14	66.5	19.6
184	3.5	20.4	1309.7	13.6	60.7	12:16	13:16	66.5	19.5
185	3.1	20.3	1297.9	13.6	60.7	12:18	13:18	66.4	19.5
186	2.9	19.7	1285.4	13.6	60.7	12:20	13:20	66.4	19.4
187	2.7	19.1	1268.3	13.6	60.6	12:22	13:22	66.4	19.3
188	2.5	18.8	1274.6	14.7	60.6	12:24	13:24	66.3	19.2
189	2.2	17.6	1270.3	13.7	60.5	12:26	13:26	66.3	19.1
190	1.8	16.4	1267.2	13.7	60.5	12:28	13:28	66.2	19
191	1.5	16.3	1330.8	15.8	60.4	12:30	13:30	66.2	18.9
192	1.5	14.9	1325.6	15.8	60.4	12:32	13:32	66.1	18.7
193	1.3	14.3	1319.8	18	60.3	12:34	13:34	66.1	18.6
194	1.2	13.8	1318.5	18	60.2	12:36	13:36	66	18.4
195	1.1	12.4	1337.2	18.1	60.1	12:39	13:39	65.9	18.2
196	1	10.7	1334.7	18.1	60	12:41	13:41	65.8	18
197	0.9	8.9	1335.8	18.2	59.9	12:43	13:43	65.7	17.8
198	0.9	7.4	1381.6	18.3	59.8	12:45	13:45	65.6	17.6
199	0.7	5.4	1370.6	18.4	59.7	12:47	13:47	65.5	17.4
200	0.7	1.9	1364.2	1355.2	59.5	12:49	13:49	65.4	17.1
201	0.8	1.8	1364.1	1360.8	59.4	12:52	13:52	65.3	16.9
202	0.6	1.8	1368.7	13.2	59.3	12:54	13:54	65.2	16.6
203	0.6	2.3	62522.6	12.5	59.1	12:56	13:56	65.1	16.3
204	0.7	3.4	62945.1	12.6	59	12:58	13:58	64.9	16
205	0.6	4.3	61181	12.7	58.8	13:01	14:01	64.8	15.7
206	0.8	5	61645.6	12.8	58.6	13:03	14:03	64.7	15.4
207	0.7	5.6	61903.8	12.9	58.5	13:05	14:05	64.5	15
208	0.8	6.1	63544.1	12.6	58.3	13:08	14:08	64.4	14.7
209	0.7	6.4	61359.4	12.2	58.1	13:10	14:10	64.2	14.3
210	0.7	6.8	63551.8	12.1	57.9	13:12	14:12	64	13.9
211	0.6	7.2	63533.9	12.2	57.7	13:15	14:15	63.8	13.6
212	0.5	7.5	62330.2	12.4	57.5	13:17	14:17	63.7	13.1
213	0.6	7.8	61775.2	12.5	57.2	13:20	14:20	63.5	12.7
214	0.6	7.9	61766.4	12.5	57	13:22	14:22	63.3	12.3
215	0.4	7.7	62168.3	12.7	56.8	13:25	14:25	63	11.8
216	0.2	7.5	62099.1	12.9	56.5	13:27	14:27	62.8	11.4
217	0.4	7.2	62764	13	56.3	13:30	14:30	62.6	10.9
218	0.5	7	63147.5	13	56	13:32	14:32	62.4	10.4
219	0.4	6.6	81978.4	12.7	55.7	13:35	14:35	62.1	9.9
220	0.5	6.3	83784.2	9.8	55.4	13:38	14:38	61.9	9.3
221	0.7	6.4	79990.6	9.9	55.1	13:40	14:40	61.6	8.8
222	0.9	6.6	83477.9	12.7	54.8	13:43	14:43	61.3	8.2
223	0.6	6.8	84203.4	12.9	54.5	13:46	14:46	61.1	7.6
224	0.7	6.9	81968.1	12.8	54.2	13:49	14:49	60.8	7
225	0.8	6.9	79953.6	12.6	53.8	13:51	14:51	60.5	6.4
226	0.9	7	79810.8	12.3	53.5	13:54	14:54	60.2	5.8
227	0.7	7	79035.6	12.2	53.1	13:57	14:57	59.8	5.2
228	0.5	6.9	79126	12.1	52.7	14:00	15:00	59.5	4.5
229	0.6	6.9	85028.2	11.9	52.3	14:03	15:03	59.2	3.9
230	0.7	6.8	88710.4	11.7	51.9	14:06	15:06	58.8	3.2
231	0.5	6.6	88034.8	11.7	51.5	14:10	15:10	58.4	2.5
232	0.7	6	88947.4	11.9	51.1	14:13	15:13	58.1	1.8
233	0.4	5.4	23410.9	12.2	50.7	14:16	15:16	57.7	1
234	0.5	5.1	4580.6	12.7	50.2	14:19	15:19	57.3	0.3
235	0.7	5.3	4581.6	13	49.7	14:22	15:22	56.9	-0.5
236	0.8	5.4	4596.1	13.2	49.3	14:26	15:26	56.4	-1.3

237	1	5	4612.2	13.1	48.8	14:29	15:29	56	-2.1
238	1.1	4.3	4637.8	77	48.3	14:33	15:33	55.5	-2.9
239	1.3	4.4	4656.6	77.3	47.8	14:36	15:36	55.1	
240	1.5	4.2	4643.5	77	47.2	14:40	15:40	54.6	
241	1.6	2.7	2293.9	77.4	46.7	14:44	15:44	54.1	
242	1.8	2.8	2298.8	84.7	46.1	14:47	15:47	53.6	
243	1.9	3.6	2287	16.7	45.6	14:51	15:51	53.1	
244	2	4.5	2287.5	16.8	45	14:55	15:55	52.5	
245	2.2	5.1	2287.8	17.5	44.4	14:59	15:59	52	
246	2.3	5.4	2288	17.3	43.7	15:03	16:03	51.4	
247	2.5	6.9	2293.3	15	43.1	15:07	16:07	50.8	
248	2.6	8.4	2285.9	14.9	42.5	15:11	16:11	50.2	
249	2.8	9.3	2282.8	14.8	41.8	15:15	16:15	49.6	
250	2.9	9.4	2268.2	14.7	41.1	15:19	16:19	49	
251	3	9.5	2257.4	14.6	40.4	15:24	16:24	48.3	
252	3	10.6	2256.7	25.1	39.7	15:28	16:28	47.6	
253	2.9	11.8	2235.1	24.9	39	15:33	16:33	47	
254	2.9	13.5	2239.7	24.8	38.3	15:37	16:37	46.3	
255	2.9	15.3	2235.4	24.2	37.5	15:42	16:42	45.5	
256	2.9	17.1	2238.8	25.6	36.7	15:46	16:46	44.8	
257	3	17.4	2241.5	25.5	35.9	15:51	16:51	44.1	
258	3	17.8	2251.8	25.4	35.2	15:56	16:56	43.3	
259	3	20.1	2254.1	23.2	34.3	16:01	17:01	42.5	
260	3.1	21.5	2258.1	13	33.5	16:06	17:06	41.7	
261	3.1	25	2257.8	13	32.7	16:11	17:11	40.9	
262	3.2	28	2271.1	12.9	31.8	16:16	17:16	40.1	
263	3.4	30.4	2280.7	12.9	31	16:21	17:21	39.2	
264	3.5	31.9	2283.8	12.9	30.1	16:26	17:26	38.4	
265	3.7	31.6	2278.6	12.8	29.2	16:31	17:31	37.5	
266	3.7	31.2	2276.2	12.8	28.3	16:36	17:36	36.6	
267	3.7	30.7	2255.7	12.8	27.4	16:42	17:42	35.7	
268	3.8	30.3	2335.2	12.8	26.5	16:47	17:47	34.8	
269	3.8	29.8	2337.1	12.8	25.6	16:52	17:52	33.9	
270	3.6	27.4	2349.6	12.8	24.6	16:58	17:58	33	
271	3.5	24.7	2363.9	12.8	23.7	17:03	18:03	32	
272	3.2	21.3	2355.8	12.8	22.8	17:09	18:09	31.1	
273	3	19.2	2600	18.8	21.8	17:15	18:15	30.1	
274	3	18.3	2597.1	18.8	20.9	17:20	18:20	29.2	
275	3	17.3	2619.4	18.8	19.9	17:26	18:26	28.2	
276	3	16.2	2628.2	18.8	18.9	17:31	18:31	27.2	
277	3	15	2627.2	18.9	18	17:37	18:37	26.3	
278	3.1	16.1	2653.9	14.9	17	17:43	18:43	25.3	
279	3.2	18.1	2668.5	14.9	16	17:48	18:48	24.3	
280	3.2	19.8	2699.1	15	15.1	17:54	18:54	23.3	
281	3.2	21.7	2704.6	15	14.1	18:00	19:00	22.3	
282	3.2	23.4	2748.8	15.1	13.2	18:06	19:06	21.3	
283	3.2	24.9	2828	15.1	12.2	18:11	19:11	20.3	
284	3.3	26.3	2856.3	15.2	11.3	18:17	19:17	19.3	
285	3.3	26.3	2890.2	15.2	10.3	18:23	19:23	18.4	
286	3.2	26.2	2902.4	15.3	9.4	18:29	19:29	17.4	
287	3	26.1	2918	15.3	8.4	18:34	19:34	16.4	
288	2.9	25.9	2986.7	15.4	7.5	18:40	19:40	15.4	
289	2.9	25.3	3010	14.7	6.6	18:46	19:46	14.5	
290	2.9	24.1	3024	14.5	5.7	18:51	19:51	13.5	
291	2.7	22.7	3057.7	14.6	4.8	18:57	19:57	12.6	
292	2.8	21.1	3417.4	14.7	3.9	19:03	20:03	11.6	
293	2.9	19.3	3422.9	14.8	3	19:08	20:08	10.7	
294	2.9	16.7	3532	14.9	2.1	19:14	20:14	9.8	
295	2.9	14.6	3561.6	20.5	1.3	19:19	20:19	8.9	
296	3	14.1	3638.9	20.6	0.4	19:25	20:25	8	
297	3	13	3691.9	20.8	-0.4	19:30	20:30	7.1	
298	3.1	11.8	3718.9	21	-1.2	19:36	20:36	6.2	
299	3.1	10.3	3732.8	21.2				5.4	
300	3.4	8.4	3836.8	21.4				4.5	
301	3.4	6.1	3864.6	21.6				3.7	
302	3.5	3.8	4890	4020.3				2.9	
303	3.7	4	4870.7	4921.5				2.1	
304	3.9	4.2	4940.3	4994.4				1.3	
305	4.1	4.3	4977.9	4927.8				0.5	
306	4.2	4.4	4983.8	4983.8				-0.3	

307	4.2	4.6	5001.2	38.1	-1
308	4.3	5.5	5063.1	37.4	
309	4.6	5.8	5094.7	36.6	
310	4.7	6.3	5127.9	37.1	
311	4.9	6.7	5045.4	37.7	
312	5	6.7	5124	37.5	
313	5	6.9	5225.3	34.8	
314	5	8.3	5288	22.5	
315	4.9	10.6	5359.7	20.7	
316	4.8	11.6	5538.4	21	
317	4.8	12.5	5612.9	21.4	
318	4.8	13.5	5667.4	21	
319	4.8	14.4	5810.3	20.7	
320	4.7	15.3	5846.2	21.1	
321	4.6	16.3	5959.4	22.6	
322	4.7	17.4	6193.3	21.1	
323	4.6	18.4	6408.4	20.8	
324	4.4	19.4	6280.7	21.3	
325	4.7	20.3	2576.3	21.5	
326	5	21	2603.5	21.2	
327	5.1	21.4	2684.4	21	
328	5.2	21.7	2675	16	
329	5.4	22.1	2782	14.8	
330	5.5	22.1	2771.5	15.2	
331	5.5	22.3	2784.5	15.5	
332	5.3	22.7	2774.9	15.3	
333	5.3	23.1	2879.1	15.2	
334	5.3	23.6	2903.3	15	
335	5.4	23.6	2925.1	15.6	
336	5.6	23.7	2985.9	15.9	
337	5.7	23.6	2994.4	15.9	
338	5.9	23.5	2918.2	15.7	
339	6.2	23.4	3026.4	15.6	
340	6.4	23	3031	15.5	
341	6.5	22.2	3041.6	15.4	
342	6.5	21.4	3036.5	15.3	
343	6.6	20.5	2879.9	15.2	
344	6.7	20.3	2879.7	15.1	
345	6.3	20.7	2881.1	16.1	
346	6.1	21.4	284.6	16	
347	6.5	22	275.2	15.9	
348	7	23.2	260.7	14.8	
349	7.2	24.7	247.5	14.8	
350	7.5	26.1	241.6	14.7	
351	7.8	26.4	234.8	14.7	
352	7.9	26.7	229.1	14.6	
353	8	27.1	232.5	14.6	
354	8.1	27.3	230	14.5	
355	8.3	27.3	285.8	14.5	
356	8.6	27.4	283.4	14.5	
357	8.8	27.4	285	14.5	
358	9	27.4	302.8	14.5	
359	9.2	27.3	298.6	14.5	

Alle numerischen Winkelangaben der Tabelle erfolgen in (Alt-)Grad.

Der Azimuthwinkel 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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