

Sonnengang mit Horizontdarstellung

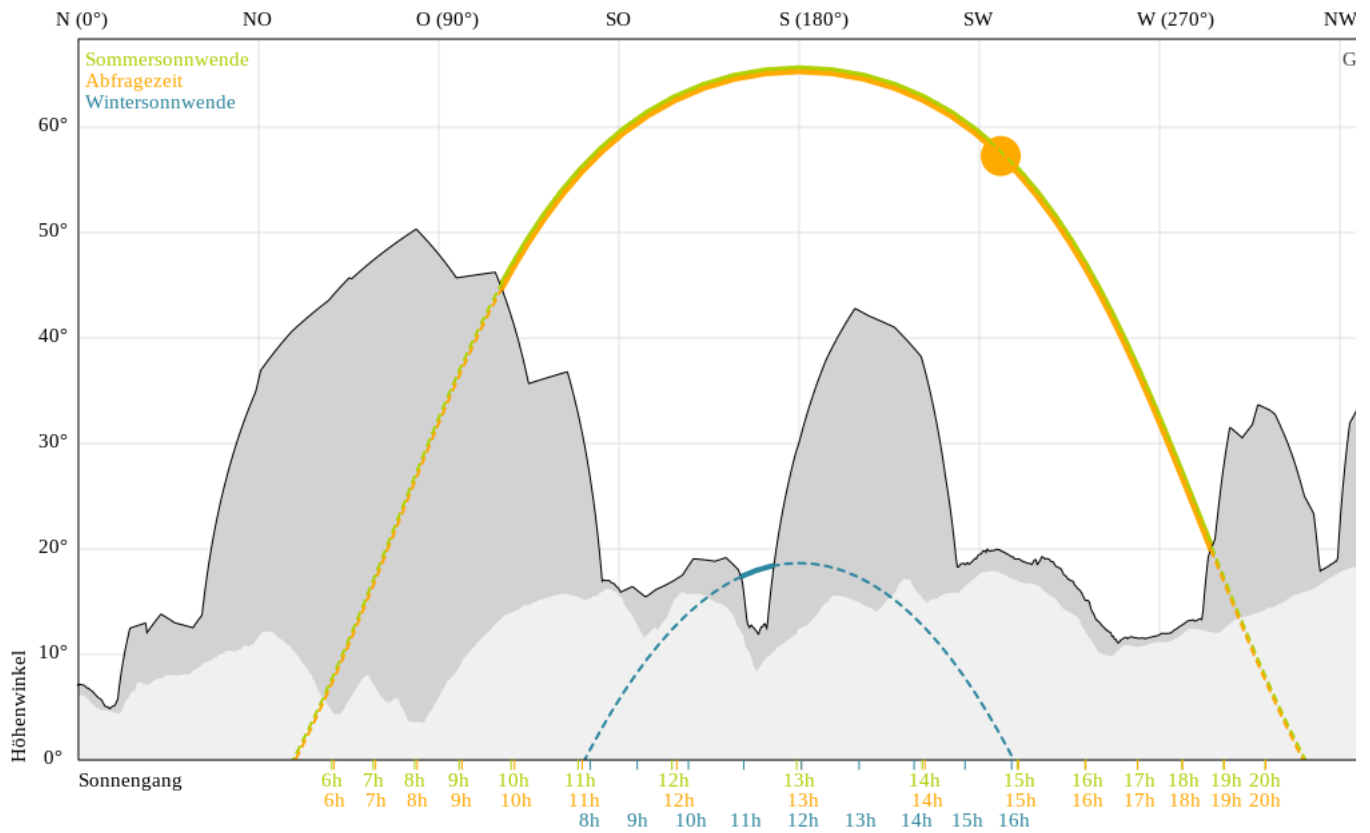
Abfragekoordinaten (EPSG:4326): 15.09, 47.92

Abfragehöhe (m): 467.6 (+2.0)

Abfragezeit: 11.6.2025, 14:47 Uhr (Sonnenaufgang 9:46 Uhr, Sonnenuntergang 18:41 Uhr)

Datengrundlage: Laserscanning Höhenmodell 2024 - geoland.at

Befliegungsjahr im Abfragepunkt: 2021



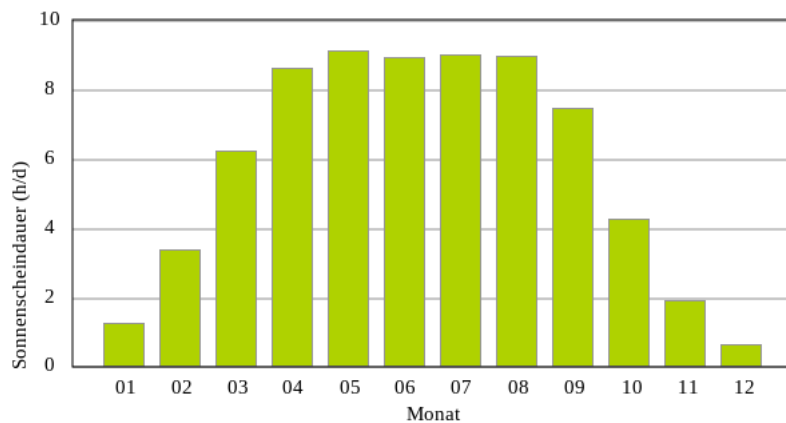
Sonnenstunden pro Tag im Monatsmittel

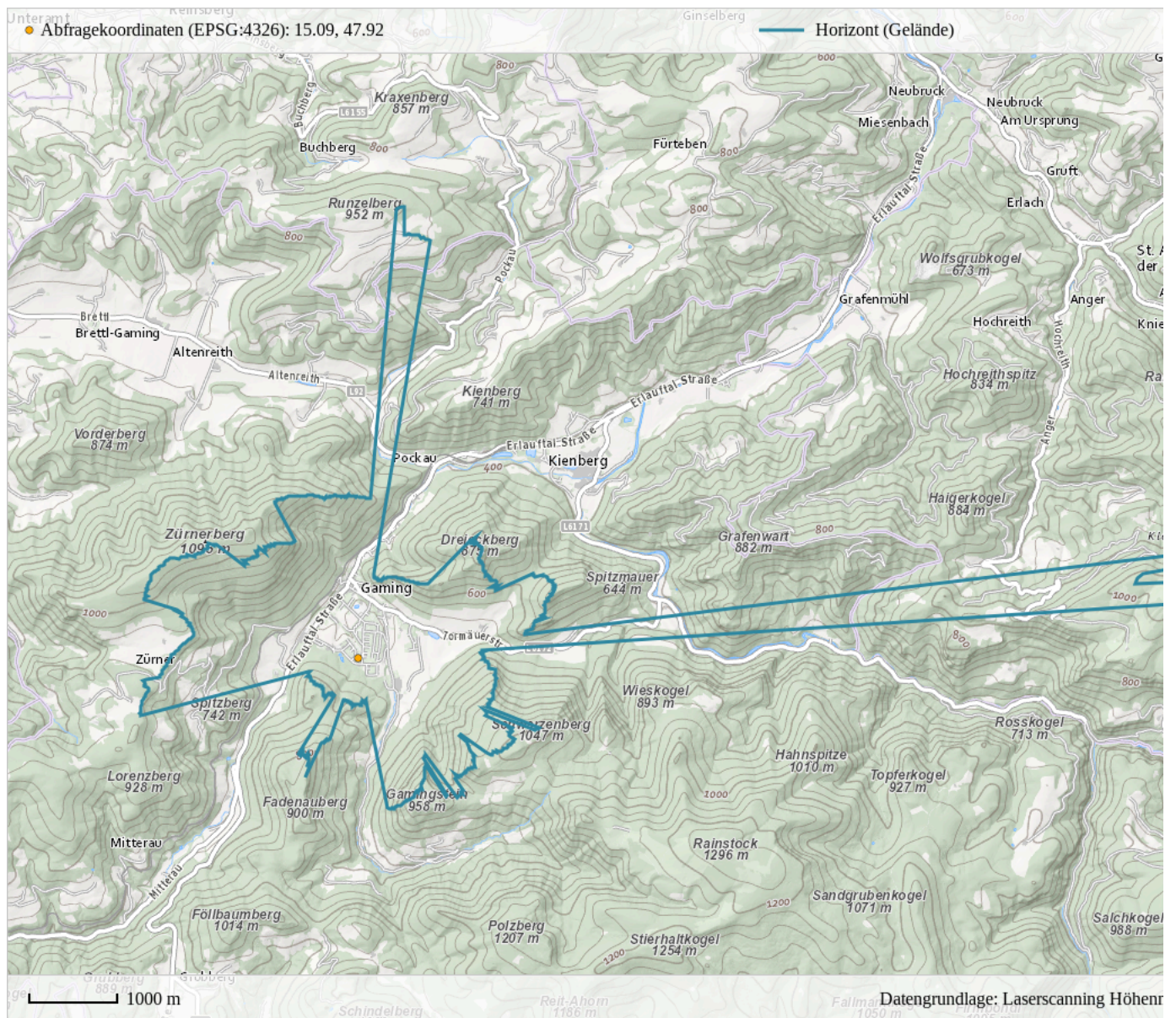
Abfragekoordinaten (EPSG:4326): 15.09, 47.92

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Befliegungsjahr im Abfragepunkt: 2021





[Tabelle im CSV-Format abspeichern](#)

[Tabelle im JSON-Format abspeichern](#)

Azimuth (°)	Höhenwinkel (°)		Horizontale Entfernung (m)		Sonnengang			
	Gelände	Oberfläche	Gelände	Oberfläche	11.6.2025 (°)	11.6.2025 (MEZ)	11.6.2025 (MESZ)	Sommersonnwend (°)
0	6.9	7.7	1838.3	1807.3				
1	6.1	7.1	1830.3	1813.3				
2	6.1	7	1830.3	1803.3				
3	5.8	6.8	1822.6	1809.7				
4	5.4	6.5	1813.4	1813.4				
5	5	6	1812.8	1813.8				
6	4.8	5.7	5143	1799.8				
7	4.7	5.2	4834	1790.2				
8	4.7	4.9	4841.3	4813.1				
9	4.6	5	4821.9	975.8				
10	4.5	5.8	4817	15.5				
11	4.9	8.6	929.4	15.5				
12	5.7	10.7	928.2	15.6				
13	6.3	12.4	926.6	15.6				
14	6.5	12.6	922.5	15.7				
15	7.4	12.7	910.6	15.7				
16	7.4	12.8	911.6	15.8				

17	7.2	12.9	934.1	15.8				
18	7.3	12.4	955	6.6				
19	7.6	12.9	962.3	6.6				
20	7.7	13.4	982	6.6				
21	7.8	13.7	984.8	6.7				
22	8	13.6	991.1	6.5				
23	8	13.3	991.5	6.2				
24	8	13.1	1005.2	5.9				
25	8	12.9	1010.6	5.7				
26	8.1	12.8	1012.3	5.5				
27	8.2	12.7	1017	5.3				
28	8.2	12.6	1024	5.1				
29	8.6	12.6	1026.6	4.8				
30	8.8	13.2	1028.5	4.9				
31	9.1	13.7	1031.7	4.9				
32	9.3	16.7	1040.1	2.5				
33	9.4	19.2	1045.3	2.4				
34	9.7	21.4	1049.9	2.4				
35	10	23.3	1058.5	2.3				
36	10.1	25	1066.5	2.3				
37	10.4	26.5	1072.3	2.2				
38	10.4	27.9	1082.5	2.2				
39	10.3	29.2	1084.2	2.1				
40	10.4	30.4	1105.9	2.1				
41	10.7	31.5	1119.7	2				
42	10.9	32.5	1135.8	1.9				
43	10.9	33.5	1155.2	1.9				
44	11.1	34.5	1858.3	1.8				
45	11.7	35.8	1846.2	5.9				
46	12.1	37	1877.7	6				
47	12.2	37.5	1869.3	5.9				
48	12.2	38.1	1878	5.8				
49	12.1	38.5	1880.3	5.7				
50	11.8	39	1840	5.6				-2.5
51	11.5	39.5	1778.2	5.6				-1.8
52	11.2	39.9	1769.3	5.5				-1.1
53	10.9	40.4	1773.7	5.4	-0.9	4:00	5:00	-0.4
54	10.5	40.7	1759.5	5.3	-0.1	4:05	5:05	0.3
55	10	41.1	1745.7	5.3	0.6	4:10	5:10	1
56	9.5	41.4	1736	5.2	1.4	4:16	5:16	1.8
57	9	41.7	1732.5	5.1	2.1	4:21	5:21	2.6
58	8.5	42.1	1751.8	5.1	2.9	4:27	5:27	3.3
59	8	42.4	1748.6	5	3.7	4:32	5:32	4.1
60	7.1	42.7	1745.4	5	4.5	4:38	5:38	4.9
61	6.3	43	1791.3	4.9	5.3	4:43	5:43	5.8
62	5.8	43.3	1792.8	4.9	6.1	4:49	5:49	6.6
63	5.2	43.6	1750	6	7	4:55	5:55	7.4
64	4.6	44.1	1751.7	5.9	7.8	5:00	6:00	8.3
65	4.4	44.5	2207	5.8	8.7	5:06	6:06	9.2
66	4.7	44.9	2299	5.8	9.6	5:12	6:12	10
67	5.3	45.3	2336.7	5.7	10.5	5:18	6:18	10.9
68	5.9	45.6	2369	5.7	11.4	5:23	6:23	11.8
69	6.6	45.7	2372.4	2.5	12.3	5:29	6:29	12.7
70	7.2	46.1	2376.5	2.4	13.2	5:35	6:35	13.6
71	7.8	46.4	2351.7	2.4	14.1	5:41	6:41	14.6
72	8	46.7	2307	2.4	15	5:47	6:47	15.5
73	8	47	2262	2.4	15.9	5:52	6:52	16.4
74	7.3	47.4	2219.3	2.4	16.9	5:58	6:58	17.4
75	6.8	47.7	2205.1	2.4	17.8	6:04	7:04	18.3
76	6.2	47.9	2193.8	2.4	18.8	6:10	7:10	19.3

77	5.7	48.2	2182.2	2.3	19.7	6:16	7:16	20.2
78	5.5	48.5	2162.4	2.3	20.7	6:22	7:22	21.2
79	5.8	48.8	2029.6	2.3	21.6	6:27	7:27	22.1
80	5.8	49.1	2028	2.3	22.6	6:33	7:33	23.1
81	5.2	49.3	2005.8	2.3	23.5	6:39	7:39	24
82	4.6	49.6	1927.3	2.3	24.5	6:45	7:45	25
83	3.7	49.8	4267.5	2.3	25.4	6:50	7:50	25.9
84	3.6	50.1	8922.3	2.2	26.4	6:56	7:56	26.9
85	3.6	50.2	9749.5	2.2	27.3	7:02	8:02	27.8
86	3.6	49.8	9743.1	2.2	28.2	7:07	8:07	28.7
87	4.1	49.4	1428.7	2.2	29.2	7:13	8:13	29.7
88	4.7	49	1416.1	2.3	30.1	7:18	8:18	30.6
89	5.3	48.5	1424.1	2.3	31	7:24	8:24	31.5
90	6	48.1	1428.4	2.3	31.9	7:29	8:29	32.4
91	6.7	47.6	1446.2	2.3	32.8	7:35	8:35	33.3
92	7.4	47.1	1476.5	2.3	33.7	7:40	8:40	34.2
93	7.8	46.6	1483.2	2.3	34.6	7:45	8:45	35.1
94	8.2	46.1	1486.3	2.3	35.4	7:50	8:50	35.9
95	8.8	45.6	1569.1	3.3	36.3	7:55	8:55	36.8
96	9.5	45.7	1569.3	3.3	37.1	8:00	9:00	37.6
97	9.9	45.7	1566.9	3.3	38	8:05	9:05	38.5
98	10.4	45.8	1581.1	3.3	38.8	8:10	9:10	39.3
99	10.8	45.8	1582.7	3.3	39.6	8:15	9:15	40.1
100	11.2	45.9	1580.8	3.3	40.4	8:20	9:20	40.9
101	11.7	46	1588.5	3.3	41.2	8:25	9:25	41.7
102	12	46	1584.4	3.3	41.9	8:29	9:29	42.4
103	12.4	46.1	1581	3.3	42.7	8:34	9:34	43.2
104	12.8	46.1	1577.8	3.3	43.4	8:38	9:38	43.9
105	13.2	45.8	1587.5	3.3	44.1	8:43	9:43	44.6
106	13.6	44.8	1603.1	3.3	44.8	8:47	9:47	45.3
107	13.8	43.8	1590.9	3.4	45.5	8:52	9:52	46
108	13.9	42.7	1590	3.4	46.2	8:56	9:56	46.7
109	14.1	41.5	1577.5	3.4	46.8	9:00	10:00	47.3
110	14.3	40.2	1570	3.4	47.5	9:04	10:04	48
111	14.7	38.8	2208.9	3.5	48.1	9:08	10:08	48.6
112	14.7	37.2	2181.5	3.5	48.7	9:12	10:12	49.2
113	14.8	35.6	1582.8	1.4	49.3	9:16	10:16	49.8
114	15	35.8	1589.8	1.4	49.9	9:20	10:20	50.4
115	15.1	35.9	1909.8	1.4	50.5	9:23	10:23	50.9
116	15.3	36	1913.9	1.4	51	9:27	10:27	51.5
117	15.3	36.1	1926.3	1.4	51.6	9:30	10:30	52
118	15.5	36.2	2008.6	1.4	52.1	9:34	10:34	52.5
119	15.6	36.3	1997.5	1.4	52.6	9:37	10:37	53
120	15.7	36.5	1967.4	1.4	53.1	9:41	10:41	53.5
121	15.7	36.6	1972.2	1.4	53.6	9:44	10:44	54
122	15.7	36.7	1954.6	1.4	54	9:47	10:47	54.5
123	15.7	36.2	1948.3	1.4	54.5	9:51	10:51	54.9
124	15.6	34.8	1918.4	1.5	54.9	9:54	10:54	55.4
125	15.5	33.3	1908.9	1.5	55.4	9:57	10:57	55.8
126	15.3	31.5	1878.3	1.5	55.8	10:00	11:00	56.2
127	15.3	29.6	1454.6	1.6	56.2	10:03	11:03	56.6
128	15.4	27.4	1583.6	1.6	56.6	10:06	11:06	57
129	15.5	24.9	1604.2	1.6	57	10:09	11:09	57.4
130	15.7	21.9	1716.2	1.7	57.3	10:12	11:12	57.7
131	16	18.2	1753.1	1.7	57.7	10:15	11:15	58.1
132	16.2	17	1756.6	1816.9	58	10:17	11:17	58.4
133	16.2	16.9	1783	1808.3	58.4	10:20	11:20	58.8
134	16.1	16.7	1800.5	1803.6	58.7	10:23	11:23	59.1
135	15.9	16.3	1799.9	1786.4	59	10:25	11:25	59.4
136	15.5	15.9	1780	9.6	59.3	10:28	11:28	59.7

137	14.7	16.1	1782.6	9.4	59.6	10:30	11:30	60
138	14.2	16.3	1778.6	9.2	59.9	10:33	11:33	60.3
139	13.7	16.3	1777.3	9.2	60.2	10:35	11:35	60.6
140	12.9	16	1777.3	9	60.4	10:38	11:38	60.8
141	12.2	15.7	1762.2	8.9	60.7	10:40	11:40	61.1
142	11.9	15.5	1914.8	22.8	60.9	10:43	11:43	61.3
143	12.2	15.7	1934.3	22.5	61.2	10:45	11:45	61.6
144	12.5	16	1946.2	22.2	61.4	10:47	11:47	61.8
145	12.5	16.2	1350.3	22	61.6	10:50	11:50	62
146	13.1	16.4	1350.7	21.7	61.8	10:52	11:52	62.2
147	13.6	16.6	1866.5	21.4	62.1	10:54	11:54	62.4
148	14.5	16.8	1450.3	21.2	62.3	10:56	11:56	62.6
149	15.3	17	1465.2	20.9	62.4	10:59	11:59	62.8
150	15.7	17.2	1502.9	20.7	62.6	11:01	12:01	63
151	15.9	17.5	1553.5	20.5	62.8	11:03	12:03	63.2
152	15.8	18	1566.9	20.3	63	11:05	12:05	63.3
153	15.7	18.6	1599.6	20.1	63.1	11:07	12:07	63.5
154	15.7	19	1671.6	20	63.3	11:09	12:09	63.7
155	15.8	19	1647.4	19.9	63.4	11:11	12:11	63.8
156	15.7	18.9	1656.9	19.7	63.6	11:13	12:13	63.9
157	15.6	18.9	1649.8	19.5	63.7	11:15	12:15	64.1
158	15.3	18.8	1683.6	19.4	63.8	11:17	12:17	64.2
159	15.1	18.8	1702.6	19.2	64	11:19	12:19	64.3
160	14.9	18.9	1712	19	64.1	11:21	12:21	64.4
161	14.8	19	1717.3	18.9	64.2	11:23	12:23	64.5
162	14.6	19.1	1711.5	18.8	64.3	11:25	12:25	64.6
163	14.3	18.8	1718.9	18.7	64.4	11:27	12:27	64.7
164	13.8	18.5	1739.4	18.6	64.5	11:29	12:29	64.8
165	12.9	18.1	1742.5	18.5	64.6	11:31	12:31	64.9
166	12.2	17.2	1741.7	19.1	64.6	11:33	12:33	65
167	11.3	14.8	1756.2	20.4	64.7	11:35	12:35	65.1
168	10.3	12.7	1752.4	40.8	64.8	11:36	12:36	65.1
169	9.5	12.5	1757.3	40.7	64.8	11:38	12:38	65.2
170	8.7	12.1	494.8	40.6	64.9	11:40	12:40	65.3
171	9.3	12.6	498.2	484.6	65	11:42	12:42	65.3
172	9.8	12.8	494.8	485.6	65	11:44	12:44	65.3
173	10.1	15.8	506.6	6.8	65	11:46	12:46	65.4
174	10.4	18.8	504.5	6.8	65.1	11:48	12:48	65.4
175	10.8	21.3	507.5	6.8	65.1	11:49	12:49	65.5
176	11	23.5	519.7	6.8	65.1	11:51	12:51	65.5
177	11.3	25.4	538	6.8	65.1	11:53	12:53	65.5
178	11.6	27.1	534.5	6.8	65.2	11:55	12:55	65.5
179	11.9	28.6	532	6.7	65.2	11:57	12:57	65.5
180	12.4	29.9	525.8	6.7	65.2	11:59	12:59	65.5
181	12.6	31.3	525.8	7.7	65.2	12:00	13:00	65.5
182	12.8	32.6	525.9	7.7	65.2	12:02	13:02	65.5
183	13.2	33.8	531.1	7.8	65.1	12:04	13:04	65.5
184	13.6	35	526.5	7.8	65.1	12:06	13:06	65.5
185	14.1	36	538.1	7.8	65.1	12:08	13:08	65.5
186	14.7	37	547.8	7.8	65.1	12:10	13:10	65.4
187	15	38	554.7	7.8	65	12:11	13:11	65.4
188	15.5	38.7	530.7	7.8	65	12:13	13:13	65.3
189	15.6	39.5	529.4	7.8	65	12:15	13:15	65.3
190	15.6	40.2	517.8	7.8	64.9	12:17	13:17	65.3
191	15.5	40.8	519.2	7.9	64.8	12:19	13:19	65.2
192	15.5	41.5	504.8	7.9	64.8	12:21	13:21	65.1
193	15.3	42.1	511.4	7.9	64.7	12:23	13:23	65.1
194	15.2	42.7	511	7.9	64.6	12:24	13:24	65
195	15	42.6	510	7.9	64.6	12:26	13:26	64.9
196	14.9	42.4	510	8	64.5	12:28	13:28	64.8

197	14.6	42.2	510.3	8	64.4	12:30	13:30	64.7
198	14.5	42	495	7	64.3	12:32	13:32	64.6
199	14.3	41.8	500.7	7.1	64.2	12:34	13:34	64.5
200	14.3	41.7	986.7	7.1	64.1	12:36	13:36	64.4
201	14.7	41.5	1003.5	7.1	64	12:38	13:38	64.3
202	15.2	41.3	1011.1	7.2	63.8	12:40	13:40	64.2
203	15.5	41.2	1047.2	7.2	63.7	12:42	13:42	64.1
204	15.9	41	1487.4	7.3	63.6	12:44	13:44	63.9
205	16.7	40.7	1347.5	7.3	63.4	12:46	13:46	63.8
206	17.1	40.3	1285.4	7.4	63.3	12:48	13:48	63.7
207	17.2	39.9	1278.1	7.5	63.1	12:50	13:50	63.5
208	17.1	39.5	1243.4	7.5	63	12:52	13:52	63.3
209	16.5	39	1279.6	7.6	62.8	12:54	13:54	63.2
210	16	38.6	1268.8	7.7	62.6	12:56	13:56	63
211	15.6	38.1	1249.9	7.7	62.4	12:59	13:59	62.8
212	15.1	36.7	1289.1	7.8	62.3	13:01	14:01	62.6
213	15.2	35.2	505.5	7.9	62.1	13:03	14:03	62.4
214	15.3	33.5	509.5	8	61.8	13:05	14:05	62.2
215	15.5	31.6	523.3	8.1	61.6	13:08	14:08	62
216	15.7	29.4	522.3	8.2	61.4	13:10	14:10	61.8
217	15.8	26.9	520.1	8.3	61.2	13:12	14:12	61.6
218	15.8	24.4	518.1	8.1	60.9	13:14	14:14	61.3
219	15.8	21.5	520.3	7.9	60.7	13:17	14:17	61.1
220	15.9	18.2	590.5	483.9	60.4	13:19	14:19	60.8
221	16.3	18.6	585.9	484.5	60.2	13:22	14:22	60.6
222	16.6	18.6	582.3	481.1	59.9	13:24	14:24	60.3
223	17	18.6	579.6	527.9	59.6	13:27	14:27	60
224	17.3	19	572.7	557.2	59.3	13:29	14:29	59.7
225	17.6	19.4	566.8	550.6	59	13:32	14:32	59.4
226	17.8	19.7	558.3	535.6	58.7	13:34	14:34	59.1
227	17.8	19.9	554	530	58.4	13:37	14:37	58.8
228	17.9	19.8	537.3	520.4	58	13:40	14:40	58.4
229	17.9	19.8	535.4	521.4	57.7	13:43	14:43	58.1
230	17.9	19.9	537.1	523.1	57.3	13:45	14:45	57.7
231	17.7	19.7	537	528	57	13:48	14:48	57.4
232	17.5	19.6	526.4	522.9	56.6	13:51	14:51	57
233	17.3	19.3	534.4	523.2	56.2	13:54	14:54	56.6
234	17.2	19.2	541.2	531.2	55.8	13:57	14:57	56.2
235	17	19	538.9	527.9	55.4	14:00	15:00	55.8
236	16.8	18.8	548.1	534.8	54.9	14:03	15:03	55.4
237	16.8	18.7	554.8	559.2	54.5	14:06	15:06	54.9
238	16.7	18.6	569.1	503.6	54	14:10	15:10	54.5
239	16.7	18.9	575.2	526.8	53.6	14:13	15:13	54
240	16.6	18.7	578.2	538.9	53.1	14:16	15:16	53.5
241	16.3	19.2	573.3	555.5	52.6	14:20	15:20	53
242	16	19	580.3	550.5	52.1	14:23	15:23	52.5
243	15.7	19	586	564.5	51.6	14:27	15:27	52
244	15.4	18.7	589.3	573.2	51	14:30	15:30	51.5
245	15.2	18.2	597.6	559.2	50.5	14:34	15:34	50.9
246	14.6	18	593.6	548	49.9	14:38	15:38	50.4
247	14.2	17.4	579.9	553.1	49.3	14:41	15:41	49.8
248	14.1	17.1	580.8	580.8	48.7	14:45	15:45	49.2
249	13.8	16.8	597	541.5	48.1	14:49	15:49	48.6
250	13.6	16.2	601.3	579.1	47.5	14:53	15:53	48
251	12.9	15.8	612.2	565	46.8	14:57	15:57	47.3
252	12.3	15.1	598.5	534.6	46.2	15:01	16:01	46.7
253	11.7	14.9	589.5	568.6	45.5	15:06	16:06	46
254	11.1	13.8	590.4	567.4	44.8	15:10	16:10	45.3
255	10.5	13.2	587.1	568.5	44.1	15:14	16:14	44.6
256	10.1	12.7	2564.5	554.9	43.4	15:19	16:19	43.9

257	10	12.4	2551	507.9	42.7	15:23	16:23	43.2
258	9.9	12	2524.3	529.4	41.9	15:28	16:28	42.4
259	10.1	11.7	2502.1	534.4	41.2	15:32	16:32	41.7
260	10.5	11.1	2463.8	525.2	40.4	15:37	16:37	40.9
261	10.8	11.4	2420.3	2372.8	39.6	15:42	16:42	40.1
262	10.9	11.5	2418.7	2371.9	38.8	15:47	16:47	39.3
263	10.9	11.6	2459.4	2394.7	38	15:52	16:52	38.5
264	10.8	11.6	2451.3	2390.3	37.1	15:57	16:57	37.6
265	10.8	11.5	2262.9	2390.3	36.3	16:02	17:02	36.8
266	10.8	11.5	2236.2	2229.2	35.4	16:07	17:07	35.9
267	10.9	11.5	2211.1	2221.1	34.6	16:12	17:12	35.1
268	11	11.6	2181.7	2192.9	33.7	16:17	17:17	34.2
269	11.1	11.7	2164.1	2146	32.8	16:23	17:23	33.3
270	11.2	11.8	2137.2	2130.1	31.9	16:28	17:28	32.4
271	11.2	11.9	2130	2114.9	31	16:33	17:33	31.5
272	11.2	11.9	2077.1	2080.8	30.1	16:39	17:39	30.6
273	11.3	12	2041.1	2020	29.2	16:44	17:44	29.7
274	11.5	12.3	2011.6	1980.5	28.2	16:50	17:50	28.7
275	11.7	12.6	1978.7	1968.6	27.3	16:56	17:56	27.8
276	12	12.8	1936.2	1936.1	26.4	17:01	18:01	26.9
277	12.3	13.1	1904.3	1900.3	25.4	17:07	18:07	25.9
278	12.5	13.2	1891.5	1890	24.5	17:13	18:13	25
279	12.4	13.2	1900.5	1889.2	23.5	17:18	18:18	24
280	12.4	13.3	1911.7	1946.2	22.6	17:24	18:24	23.1
281	12.3	14	1934	22.1	21.6	17:30	18:30	22.1
282	12.2	18.1	1954.8	22.2	20.7	17:36	18:36	21.2
283	12.1	19.9	1994.9	22.3	19.7	17:41	18:41	20.2
284	12.1	20.9	2064.7	18.2	18.8	17:47	18:47	19.3
285	12.1	24.3	2529.3	18.3	17.8	17:53	18:53	18.3
286	12.4	27.3	2499.3	18.4	16.9	17:59	18:59	17.4
287	12.7	29.9	2531.3	18.5	15.9	18:05	19:05	16.4
288	13	31.4	2545.3	18.5	15	18:11	19:11	15.5
289	13.3	31.2	2536.4	18.6	14.1	18:16	19:16	14.6
290	13.5	30.9	2527.9	18.7	13.2	18:22	19:22	13.6
291	13.6	30.6	2539.2	18.9	12.3	18:28	19:28	12.7
292	13.7	31.1	2544.3	19	11.4	18:34	19:34	11.8
293	13.8	31.6	2509	19.2	10.5	18:40	19:40	10.9
294	13.9	32.7	2495.7	18.7	9.6	18:45	19:45	10
295	14	33.6	2473.2	18.3	8.7	18:51	19:51	9.2
296	14.2	33.4	2460.9	18.4	7.8	18:57	19:57	8.3
297	14.4	33.3	2438.2	18.5	7	19:02	20:02	7.4
298	14.5	33.1	2403.8	18.7	6.1	19:08	20:08	6.6
299	14.6	32.8	2328	18	5.3	19:14	20:14	5.8
300	14.8	32.2	2281.5	17.9	4.5	19:19	20:19	4.9
301	15	31.3	2240.5	18.1	3.7	19:25	20:25	4.1
302	15.2	30.4	2196.2	18.2	2.9	19:30	20:30	3.3
303	15.5	29.5	2174.7	18	2.1	19:36	20:36	2.6
304	15.7	28.4	2143.2	17.4	1.4	19:41	20:41	1.8
305	15.8	27.2	2142.8	17.7	0.6	19:47	20:47	1
306	15.9	25.9	2117.3	17.9	-0.1	19:52	20:52	0.3
307	16	24.7	2149	18.1	-0.9	19:58	20:58	-0.4
308	16.1	24	2084.2	18.3				-1.1
309	16.3	23.3	1676.9	18.6				-1.8
310	16.6	19.9	1712	18.9				-2.5
311	16.8	18	1692.1	1646.9				
312	17.1	18.3	1672.8	1603.6				
313	17.3	18.5	1658.3	1619.7				
314	17.6	18.8	1643.6	1599.1				
315	17.8	21.2	1630.9	13.4				
316	17.9	26.1	1673.8	13.2				

317	18.1	29.8	1674.7	12.9
318	18.2	32.1	1609	12.7
319	18.3	32.8	1622.7	12.5
320	18.3	33.5	1623	12.3
321	18.2	34.1	1636.8	12.1
322	18.2	35.7	1614.8	12.4
323	18.1	37.2	1617.7	12.6
324	18.1	38.5	1606.8	12.9
325	17.9	38	1595.5	12.8
326	17.7	36.3	1576.7	12.7
327	17.3	34.3	1562	12.5
328	17	32.2	1539.7	12.4
329	16.3	28.9	1532.9	12.6
330	15.6	24.5	1513.5	12.9
331	15.1	19.8	1512.6	13.1
332	14.5	17.1	2007.3	13
333	14.3	14.7	2015.3	2011.7
334	13.9	14.1	2015.4	2017.7
335	13.7	14	1998.3	2007.7
336	13.6	13.9	1998.9	2010.9
337	13.4	13.8	1997.7	2002.6
338	13.1	13.7	1988.3	1995
339	12.9	13.5	1973.6	1963.5
340	12.7	13.4	1955	1958.1
341	12.5	13.1	1945	1958.8
342	12.2	12.9	1936.5	1941.7
343	11.9	12.6	1935.3	1944.7
344	11.6	12.3	1929.2	1945.7
345	11.4	12.1	1915.6	1921.5
346	11.4	12.1	1893.3	1890.6
347	11.5	12.3	1871.6	1868.8
348	11.6	12.3	1858.2	1849.1
349	11.6	12.3	1854.5	1846.8
350	11.2	12	1856.6	1834
351	10.9	11.7	1863.2	1818.7
352	10.5	11.1	1869.3	1860.3
353	10.2	11	1853.9	1836.6
354	9.8	10.4	1843	1796.6
355	9.4	9.8	1839.8	1794
356	8.8	9.3	1847.3	1781.8
357	8.3	9.1	1837.1	1784.9
358	7.8	8.5	1835.7	1799.5
359	7.3	8.1	1834.7	1792.6

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** (**Dokumentation**, **Kontakt**, **Impressum**).

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