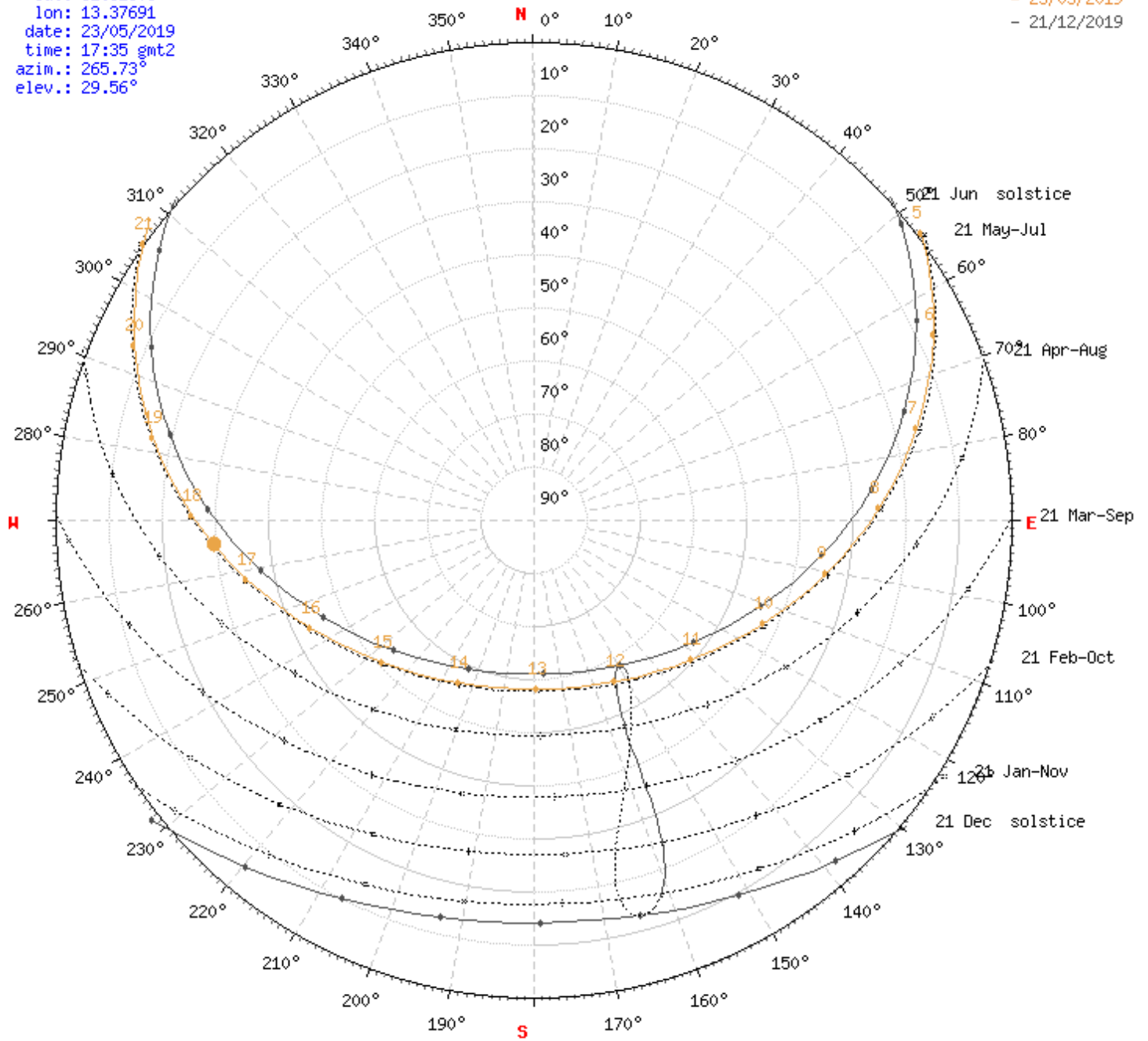


name:
lat: 52.51605
lon: 13.37691
date: 23/05/2019
time: 17:35 gm2
azim.: 265.73°
elev.: 29.56°

SunEarthTools.com

- 21/06/2019
- 23/05/2019
- 21/12/2019

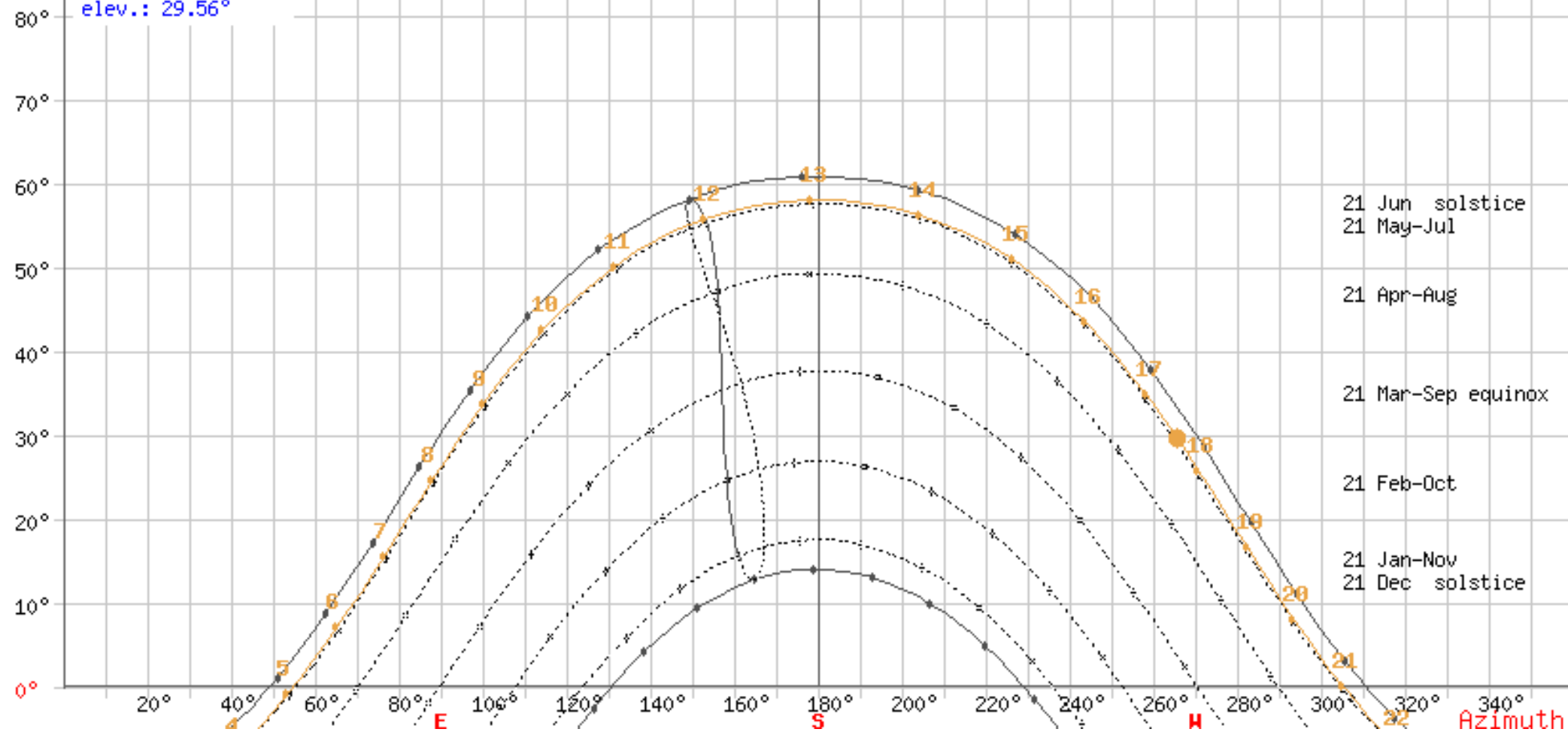





Elevation

SunEarthTools.com

- 21/06/2019
- 23/05/2019
- 21/12/2019

name:
lat: 52.51605
lon: 13.37691
date: 23/05/2019
time: 17:35 gm2
azim.: 265.73°
elev.: 29.56°



sun position 	Elevation	Azimuth	latitude	longitude
23/05/2019 17:35 GMT2	29.56°	265.73°	52.5160500° N	13.3769100° E
twilight 	Sunrise	Sunset	Azimuth Sunrise	Azimuth Sunset
twilight -0.833°	04:59:41	21:07:42	53.51°	306.74°
Civil twilight -6°	04:14:36	21:52:58	44.29°	316°
Nautical twilight -12°	03:09:23	22:58:56	30.07°	330.4°
Astronomical twilight -18°	---	---	344.63°	344.63°
daylight 	hh:mm:ss	diff. dd+1	diff. dd-1	Noon
23/05/2019	16:08:01	00:02:39	-00:02:43	13:03:41

Date:	23/05/2019 GMT2	
coordinates:	52.51605, 13.37691	
location:	52.51605000,13.37691000	
hour	Elevation	Azimuth
04:59:41	-0.833°	53.51°
5:00:00	-0.8°	53.57°
6:00:00	7.06°	65.24°
7:00:00	15.67°	76.56°
8:00:00	24.71°	88.03°
9:00:00	33.8°	100.33°
10:00:00	42.51°	114.39°
11:00:00	50.17°	131.51°
12:00:00	55.78°	153.02°
13:00:00	58.05°	178.57°
14:00:00	56.23°	204.38°
15:00:00	50.93°	226.41°
16:00:00	43.44°	243.97°
17:00:00	34.82°	258.31°
18:00:00	25.76°	270.75°
19:00:00	16.71°	282.28°
20:00:00	8.05°	293.6°
21:00:00	0.11°	305.21°
21:07:42	-0.833°	306.74°

Hi,

for any problem or if you want to suggest a new feature or simply want to express an opinion about the site, feel free to send me a comment by email:

info@sunearthtools.com

In few cases there was a problem on the server side and the attached file was corrupted or empty, please let try to make another request, if the problem continues, forward this document with the used data to me, I'll try to create and send the file for you.

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regards,

SunEarthTools