

Sun Azimuth & Elevation Intersections for <u>Nürnberg, Germany</u>					(50.33° N, 6.94° E)		Dates & Times-- twice a year for each occurrence:		Standard Time = UTC + 0100		Daylight Time = UTC + 0200								
AXIMUTH	55°		90°		125°		135°		160°		225°		235°		270°		305°		DT = Last Sun in March -- Last Sun in October
ALTITUDE																			
75°																			75°
60°								22-May 13:29	22-Jul 13:39										60°
45°					06-May 11:00	07-Aug 11:09	25-Apr 11:27	18-Aug 11:32	03-Apr 13:35	09-Sep 13:30	24-Apr 15:34	18-Aug 15:40	06-May 15:58	06-Aug 16:07					45°
30°		Jun-06 08:52	Jul-07 08:58	30-Mar 09:35	13-Sep 10:27	20-Mar 10:09	24-Sep 10:53	23-Feb 12:46	18-Oct 13:17	19-Mar 15:11	24-Sep 15:56	30-Mar 15:38	13-Sep 16:30	Jun-05 18:10	Jul-06 18:16				30°
20°		02-May 08:22	11-Aug 08:30	09-Mar 09:21	05-Oct 09:58	25-Feb 09:56	17-Oct 10:28	22-Jan 12:44	20-Nov 12:18	24-Feb 15:35	17-Oct 16:07	08-Mar 16:05	05-Oct 16:43	01-May 18:37	11-Aug 18:45				20°
15°		20-Apr 08:10	23-Aug 08:14	26-Feb 09:12	16-Oct 09:45	12-Feb 09:48	30-Oct 09:17			12-Feb 15:45	30-Oct 15:14	25-Feb 16:18	16-Oct 16:51	20-Apr 18:53	23-Aug 18:56				15°
10°		09-Apr 07:59	03-Sep 07:57	14-Feb 09:03	28-Oct 08:32	28-Jan 09:36	14-Nov 09:08			28-Jan 15:54	14-Nov 15:25	13-Feb 16:30	28-Oct 16:00	09-Apr 19:09	03-Sep 19:06				10°
5°		30-Mar 06:49	13-Sep 07:40	31-Jan 08:50	11-Nov 08:21	05-Jan 08:21	07-Dec 09:04			05-Jan 15:57	07-Dec 15:43	31-Jan 16:41	11-Nov 16:11	30-Mar 18:25	13-Sep 19:16				5°
0°	26-May 05:35	18-Jul 05:44	20-Mar 06:39	24-Sep 07:23	10-Jan 08:32	02-Dec 08:13						10-Jan 16:48	02-Dec 16:30	19-Mar 18:41	24-Sep 19:26	25-May 21:24	18-Jul 21:33		0°

For: ETK Driver Experience Centre

Gray rectangles indicate the intersections where the sun can never be, at the given location.

The above table is for when you know the azimuth and altitude you have in mind, and want to yield the dates and times. However, if you wish to do the opposite-- that is... you have a specific date and time in mind, and want to know what the correct azimuth and altitude is for a given location (via latitude and longitude)-- then click on the link below to use the calculator in this website:

<https://www.esrl.noaa.gov/gmd/grad/solcalc/azel.html>