

Vänernborg: Nautisk skymning/gryning år 2019

	Januari	Februari	Mars	April	Maj	Juni	Juli	Augusti	September	Oktober	November	December
1	07:14 17:14	06:44 18:05	05:41 19:06	05:09 21:22	03:17 23:01	---	---	02:30 00:04 23:58	04:31 21:48	05:48 20:11	05:55 17:52	06:51 17:08
2	07:14 17:15	06:42 18:07	05:39 19:08	05:05 21:25	03:13 23:06	---	---	02:36 23:53	04:34 21:44	05:50 20:08	05:58 17:50	06:52 17:07
3	07:14 17:16	06:40 18:09	05:36 19:10	05:02 21:28	03:09 23:10	---	---	02:42 23:47	04:37 21:41	05:53 20:05	06:00 17:48	06:53 17:07
4	07:13 17:18	06:39 18:11	05:33 19:13	04:59 21:31	03:04 23:15	---	---	02:47 23:42	04:40 21:37	05:55 20:02	06:02 17:46	06:55 17:06
5	07:13 17:19	06:37 18:13	05:31 19:15	04:55 21:34	03:00 23:19	---	---	02:52 23:37	04:43 21:34	05:57 20:00	06:04 17:44	06:56 17:06
6	07:13 17:20	06:35 18:15	05:28 19:17	04:52 21:36	02:55 23:24	---	---	02:57 23:32	04:45 21:30	06:00 19:57	06:06 17:42	06:58 17:05
7	07:12 17:21	06:33 18:17	05:25 19:20	04:48 21:39	02:50 23:29	---	---	03:02 23:27	04:48 21:27	06:02 19:54	06:08 17:40	06:59 17:05
8	07:12 17:23	06:31 18:20	05:22 19:22	04:45 21:42	02:45 23:34	---	---	03:06 23:23	04:51 21:24	06:04 19:51	06:10 17:38	07:00 17:04
9	07:11 17:24	06:29 18:22	05:19 19:24	04:41 21:45	02:40 23:39	---	---	03:11 23:18	04:54 21:20	06:06 19:48	06:12 17:36	07:01 17:04
10	07:11 17:26	06:27 18:24	05:17 19:27	04:38 21:48	02:35 23:45	---	---	03:15 23:14	04:56 21:17	06:08 19:46	06:14 17:34	07:02 17:04
11	07:10 17:27	06:25 18:26	05:14 19:29	04:34 21:51	02:29 23:50	---	---	03:19 23:09	04:59 21:14	06:11 19:43	06:15 17:33	07:03 17:04
12	07:09 17:29	06:22 18:28	05:11 19:31	04:31 21:54	02:23 23:56	---	---	03:23 23:05	05:02 21:10	06:13 19:40	06:17 17:31	07:04 17:04
13	07:09 17:30	06:20 18:30	05:08 19:34	04:27 21:58	02:17 ...	---	---	03:27 23:00	05:04 21:07	06:15 19:37	06:19 17:29	07:05 17:04
14	07:08 17:32	06:18 18:32	05:05 19:36	04:24 22:01	02:10 00:03	---	---	03:31 22:56	05:07 21:04	06:17 19:35	06:21 17:28	07:06 17:04
15	07:07 17:33	06:16 18:35	05:02 19:39	04:20 22:04	02:03 00:10	---	---	03:35 22:52	05:09 21:01	06:19 19:32	06:23 17:26	07:07 17:04
16	07:06 17:35	06:14 18:37	04:59 19:41	04:16 22:07	01:55 00:18	---	---	03:39 22:48	05:12 20:57	06:21 19:29	06:25 17:25	07:08 17:04
17	07:05 17:37	06:11 18:39	04:56 19:44	04:13 22:10	01:45 00:28	---	---	03:42 22:44	05:14 20:54	06:24 19:27	06:27 17:23	07:09 17:04
18	07:04 17:39	06:09 18:41	04:53 19:46	04:09 22:13	01:33 00:40	---	---	03:46 22:40	05:17 20:51	06:26 19:24	06:29 17:22	07:10 17:04
19	07:03 17:40	06:07 18:43	04:50 19:49	04:05 22:17	---	---	---	03:50 22:36	05:19 20:48	06:28 19:22	06:31 17:20	07:10 17:05
20	07:02 17:42	06:04 18:46	04:47 19:51	04:02 22:20	---	---	---	03:53 22:32	05:22 20:44	06:30 19:19	06:32 17:19	07:11 17:05
21	07:01 17:44	06:02 18:48	04:44 19:54	03:58 22:23	---	---	---	03:57 22:28	05:24 20:41	06:32 19:17	06:34 17:18	07:11 17:06
22	06:59 17:46	05:59 18:50	04:41 19:56	03:54 22:27	---	---	---	04:00 22:24	05:27 20:38	06:34 19:14	06:36 17:17	07:12 17:06
23	06:58 17:48	05:57 18:52	04:38 19:59	03:50 22:30	---	---	---	04:03 22:20	05:29 20:35	06:37 19:12	06:38 17:15	07:12 17:07
24	06:57 17:49	05:54 18:55	04:34 20:01	03:46 22:34	---	---	---	04:07 22:17	05:32 20:32	06:39 19:10	06:39 17:14	07:13 17:07
25	06:55 17:51	05:52 18:57	04:31 20:04	03:42 22:38	---	---	---	04:10 22:13	05:34 20:29	06:41 19:07	06:41 17:13	07:13 17:08
26	06:54 17:53	05:49 18:59	04:28 20:06	03:38 22:41	---	---	01:33 01:01	04:13 22:09	05:36 20:26	06:43 19:05	06:43 17:12	07:13 17:09
27	06:52 17:55	05:47 19:01	04:25 20:09	03:34 22:45	---	---	01:50 00:45	04:16 22:06	05:39 20:23	05:45 18:03	06:44 17:11	07:14 17:09
28	06:51 17:57	05:44 19:04	04:22 20:12	03:30 22:49	---	---	02:01 00:34	04:19 22:02	05:41 20:20	05:47 18:01	06:46 17:10	07:14 17:10
29	06:49 17:59		04:18 20:14	03:26 22:53	---	---	02:09 00:25	04:22 21:59	05:43 20:17	05:49 17:58	06:47 17:10	07:14 17:11
30	06:47 18:01		04:15 20:17	03:22 22:57	---	---	02:17 00:18	04:25 21:55	05:46 20:14	05:51 17:56	06:49 17:09	07:14 17:12
31	06:46 18:03		05:12 21:20		---		02:24 00:11	04:28 21:51		05:53 17:54		07:14 17:13

Framtagen av André Franke, meteorolog och amatörastronom, www.astroinfo.se

... : Fenomenet inträffar först nästa dag.

--- : Fenomenet utgår därför att solen aldrig når så långt under horisonten.

Två tider/uppgifter samma dag betyder att fenomenet inträffar två gånger samma dag. Detta kan hända vid enstaka fall i hela Sverige.