

# Vänernborg: Astronomisk skymning/gryning år 2019

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

Framtagen av André Franke, meteorolog och amatörastronom, [www.astroinfo.se](http://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.