

Östersund: Astronomisk skymning/gryning år 2019

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

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.