

# Östersund: Borgerlig skymning/gryning år 2019

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

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.