

# Borlänge: Astronomisk skymning/gryning år 2019

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

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.