

# Ludvika: Astronomisk skymning/gryning år 2019

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

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.