

# Ljusdal: Astronomisk skymning/gryning år 2019

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

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.