

# Ljusdal: Nautisk skymning/gryning år 2019

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

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.