

Ludvika: Nautisk skymning/gryning år 2019

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

Framtagen av André Franke, meteorolog och amatörastronom, 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.