

Tierp: Nautisk skymning/gryning år 2019

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

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.