

Kalmar: Nautisk skymning/gryning år 2017

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

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.