

Kalmar: Nautisk skymning/gryning år 2019

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