

Hudiksvall: Nautisk skymning/gryning år 2019

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

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.