

Mora: Borgerlig skymning/gryning år 2019

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

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.