# Mariestad: Borgerlig skymning/gryning år 2023

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

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.