

# Arvika: Borgerlig skymning/gryning år 2024

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

Framtagen av André Franke, meteorolog och amatörastronom, [www.astroinfo.se](http://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.