

# Älvdalen: Borgerlig skymning/gryning år 2024

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

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.