

# Linköping: Astronomisk skymning/gryning år 2023

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

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.