

# Norrköping: Månens upp- och nedgångar år 2017

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

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

Beräkningarna avser månens överkant.

... - upp- eller nedgången inträffar först nästa dag

under/över - månen befinner sig dygnet runt under/över horisonten och går varken upp eller ner. Detta kan hända enbart i norra Sverige.

två tider för upp- eller nedgången betyder att månen går upp eller ned två gånger samma dag. Detta händer enbart i sällsynta fall i norra Sverige.