

# Mora: Månens upp- och nedgångar år 2017

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

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.