

# Bispgården: Månens upp- och nedgångar år 2017

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

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.