

# Karlstad: Månens upp- och nedgångar år 2024

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

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.