

# Hofors: Månens upp- och nedgångar år 2024

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

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.