

# Mariestad: Astronomisk skymning/gryning år 2019

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

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

... : Fenomenet inträffar först nästa dag.

--- : Fenomenet utgår därför att solen aldrig når så långt under horisonten.

Två tider/uppgifter samma dag betyder att fenomenet inträffar två gånger samma dag. Detta kan hända vid enstaka fall i hela Sverige.