

Västerås: Astronomisk skymning/gryning år 2019

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

Framtagen av André Franke, meteorolog och amatörastronom, 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.