

# Karlstad: Astronomisk skymning/gryning år 2019

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