

Karlstad: Borgerlig skymning/gryning år 2019

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

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.