

Karlstad: Nautisk skymning/gryning år 2019

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

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.