

# Karlstad: Nautisk skymning/gryning år 2024

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

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.