

# 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
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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.