

Răsăritul și Apusul Soarelui în anul 2019

pentru orașul Baia Mare

Longitudine 23°34'23" Est

Latitudine 47°39'24" Nord

Zi	IANUARIE	FEBRUARIE	MARTIE	APRILIE	MAI	IUNIE	IULIE	AUGUST	SEPTEMBRIE	OCTOMBRIE	NOIEMBRIE	DECEMBRIE	Zi
	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	Răsare Apune	
01	M 08:14 16:44	V 07:53 17:26	V 07:07 18:10	L 06:05 18:55	M 05:09 19:37	S 04:32 20:15	L 04:32 20:27	J 05:02 20:01	D 05:44 19:07	M 06:24 18:06	V 07:09 17:09	D 07:52 16:36	01
02	M 08:14 16:45	S 07:52 17:28	S 07:05 18:11	M 06:03 18:56	J 05:08 19:39	D 04:32 20:16	M 04:32 20:27	V 05:04 20:00	L 05:45 19:05	M 06:25 18:04	S 07:11 17:07	L 07:54 16:36	02
03	J 08:14 16:46	D 07:50 17:29	D 07:03 18:13	M 06:01 18:58	V 05:06 19:40	L 04:31 20:17	M 04:33 20:27	S 05:05 19:58	M 05:46 19:03	J 06:27 18:02	D 07:12 17:06	M 07:55 16:36	03
04	V 08:14 16:47	L 07:49 17:31	L 07:01 18:14	J 05:59 18:59	S 05:04 19:41	M 04:30 20:18	J 04:33 20:26	D 05:06 19:57	M 05:48 19:01	V 06:28 18:00	L 07:14 17:04	M 07:56 16:35	04
05	S 08:14 16:48	M 07:48 17:32	M 07:00 18:16	V 05:57 19:01	D 05:03 19:43	M 04:30 20:19	V 04:34 20:26	L 05:08 19:55	J 05:49 18:59	S 06:30 17:58	M 07:15 17:03	J 07:57 16:35	05
06	D 08:14 16:49	M 07:46 17:34	M 06:58 18:17	S 05:55 19:02	L 05:01 19:44	J 04:29 20:20	S 04:35 20:26	M 05:09 19:54	V 05:50 18:57	D 06:31 17:56	M 07:17 17:01	V 07:58 16:35	06
07	L 08:13 16:51	J 07:45 17:36	J 06:56 18:19	D 05:53 19:03	M 05:00 19:46	V 04:29 20:20	D 04:36 20:25	M 05:10 19:52	S 05:52 18:55	L 06:32 17:54	J 07:18 17:00	S 07:59 16:34	07
08	M 08:13 16:52	V 07:43 17:37	V 06:54 18:20	L 05:51 19:05	M 04:58 19:47	S 04:29 20:21	L 04:36 20:25	J 05:11 19:51	D 05:53 18:53	M 06:34 17:52	V 07:20 16:59	D 08:01 16:34	08
09	M 08:13 16:53	S 07:42 17:39	S 06:52 18:22	M 05:49 19:06	J 04:57 19:48	D 04:28 20:22	M 04:37 20:24	V 05:13 19:49	L 05:54 18:51	M 06:35 17:50	S 07:21 16:57	L 08:02 16:34	09
10	J 08:12 16:54	D 07:40 17:40	D 06:50 18:23	M 05:47 19:08	V 04:56 19:50	L 04:28 20:22	M 04:38 20:23	S 05:14 19:47	M 05:56 18:49	J 06:37 17:48	D 07:23 16:56	M 08:03 16:34	10
11	V 08:12 16:55	L 07:39 17:42	L 06:48 18:25	J 05:46 19:09	S 04:54 19:51	M 04:28 20:23	J 04:39 20:23	D 05:15 19:46	M 05:57 18:47	V 06:38 17:46	L 07:24 16:55	M 08:04 16:34	11
12	S 08:11 16:57	M 07:37 17:43	M 06:46 18:26	V 05:44 19:11	D 04:53 19:52	M 04:28 20:24	V 04:40 20:22	L 05:17 19:44	J 05:58 18:45	S 06:40 17:44	M 07:26 16:53	J 08:04 16:34	12
13	D 08:11 16:58	M 07:35 17:45	M 06:44 18:28	S 05:42 19:12	L 04:51 19:54	J 04:27 20:24	S 04:41 20:21	M 05:18 19:42	V 06:00 18:43	D 06:41 17:42	M 07:27 16:52	V 08:05 16:34	13
14	L 08:10 16:59	J 07:34 17:47	J 06:42 18:29	D 05:40 19:13	M 04:50 19:55	V 04:27 20:25	D 04:42 20:21	M 05:19 19:41	S 06:01 18:41	L 06:42 17:40	J 07:29 16:51	S 08:06 16:34	14
15	M 08:10 17:01	V 07:32 17:48	V 06:40 18:31	L 05:38 19:15	M 04:49 19:56	S 04:27 20:25	L 04:43 20:20	J 05:21 19:39	D 06:02 18:39	M 06:44 17:39	V 07:30 16:50	D 08:07 16:34	15
16	M 08:09 17:02	S 07:31 17:50	S 06:38 18:32	M 05:36 19:16	J 04:48 19:57	D 04:27 20:26	M 04:44 20:19	V 05:22 19:37	L 06:04 18:37	M 06:45 17:37	S 07:32 16:49	L 08:08 16:34	16
17	J 08:08 17:03	D 07:29 17:51	D 06:36 18:33	M 05:34 19:18	V 04:46 19:59	L 04:27 20:26	M 04:45 20:18	S 05:23 19:35	M 06:05 18:35	J 06:47 17:35	D 07:33 16:47	M 08:08 16:35	17
18	V 08:08 17:05	L 07:27 17:53	L 06:34 18:35	J 05:32 19:19	S 04:45 20:00	M 04:27 20:26	J 04:46 20:17	D 05:25 19:34	M 06:06 18:33	V 06:48 17:33	L 07:35 16:46	M 08:09 16:35	18
19	S 08:07 17:06	M 07:25 17:54	M 06:32 18:36	V 05:30 19:20	D 04:44 20:01	M 04:27 20:27	V 04:47 20:16	L 05:26 19:32	J 06:08 18:31	S 06:50 17:31	M 07:36 16:45	J 08:10 16:35	19
20	D 08:06 17:08	M 07:24 17:56	M 06:30 18:38	S 05:28 19:22	L 04:43 20:02	J 04:27 20:27	S 04:48 20:15	M 05:27 19:30	V 06:09 18:29	D 06:51 17:29	M 07:38 16:44	V 08:10 16:36	20
21	L 08:05 17:09	J 07:22 17:58	J 06:28 18:39	D 05:27 19:23	M 04:42 20:04	V 04:28 20:27	D 04:49 20:14	M 05:29 19:28	S 06:10 18:27	L 06:53 17:27	J 07:39 16:43	S 08:11 16:36	21
22	M 08:04 17:11	V 07:20 17:59	V 06:26 18:41	L 05:25 19:25	M 04:41 20:05	S 04:28 20:27	L 04:50 20:13	J 05:30 19:26	D 06:12 18:24	M 06:54 17:26	V 07:40 16:43	D 08:12 16:37	22
23	M 08:03 17:12	S 07:18 18:01	S 06:24 18:42	M 05:23 19:26	J 04:40 20:06	D 04:28 20:28	M 04:51 20:12	V 05:31 19:24	L 06:13 18:22	M 06:56 17:24	S 07:42 16:42	L 08:12 16:37	23
24	J 08:02 17:14	D 07:16 18:02	D 06:22 18:44	M 05:21 19:28	V 04:39 20:07	L 04:28 20:28	M 04:53 20:11	S 05:33 19:23	M 06:14 18:20	J 06:57 17:22	D 07:43 16:41	M 08:12 16:38	24
25	V 08:01 17:15	L 07:15 18:04	L 06:20 18:45	J 05:19 19:29	S 04:38 20:08	M 04:29 20:28	J 04:54 20:10	D 05:34 19:21	M 06:16 18:18	V 06:59 17:20	L 07:45 16:40	M 08:13 16:38	25
26	S 08:00 17:17	M 07:13 18:05	M 06:17 18:46	V 05:18 19:30	D 04:37 20:09	M 04:29 20:28	V 04:55 20:09	L 05:35 19:19	J 06:17 18:16	S 07:00 17:19	M 07:46 16:39	J 08:13 16:39	26
27	D 07:59 17:18	M 07:11 18:07	M 06:15 18:48	S 05:16 19:32	L 04:36 20:10	J 04:30 20:28	S 04:56 20:08	M 05:37 19:17	V 06:19 18:14	D 07:02 17:17	M 07:47 16:39	V 08:13 16:40	27
28	L 07:58 17:20	J 07:09 18:08	J 06:13 18:49	D 05:14 19:33	M 04:35 20:11	V 04:30 20:28	D 04:57 20:06	M 05:38 19:15	S 06:20 18:12	L 07:03 17:15	J 07:49 16:38	S 08:14 16:41	28
29	M 07:57 17:21		V 06:11 18:51	L 05:13 19:35	M 04:34 20:12	S 04:30 20:28	L 04:59 20:05	J 05:39 19:13	D 06:21 18:10	M 07:05 17:14	V 07:50 16:37	D 08:14 16:41	29
30	M 07:56 17:23		S 06:09 18:52	M 05:11 19:36	J 04:34 20:13	D 04:31 20:27	M 05:00 20:04	V 05:41 19:11	L 06:23 18:08	M 07:06 17:12	S 07:51 16:37	L 08:14 16:42	30
31	J 07:54 17:24		D 06:07 18:54		V 04:33 20:14		M 05:01 20:02	S 05:42 19:09		J 07:08 17:10		M 08:14 16:43	31

Note:

1. Pentru întreg anul orele de răsărit și apus ale Soarelui sunt date în **Timp Legal Român** - UTC+2h
2. În anul 2019 **Ora de Vară** - UTC+3h este introdusă între 31 Martie și 27 Octombrie

Începutul și sfârșitul Crepusculului Civil în anul 2019

pentru orașul Baia Mare

Longitudine 23°34'23" Est

Latitudine 47°39'24" Nord

Zi	IANUARIE	FEBRUARIE	MARTIE	APRILIE	MAI	IUNIE	IULIE	AUGUST	SEPTEMBRIE	OCTOMBRIE	NOIEMBRIE	DECEMBRIE	Zi
	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	Început Sfârșit	
01	M 07:38 17:20	V 07:20 17:59	V 06:36 18:41	L 05:34 19:26	M 04:35 20:12	S 03:53 20:55	L 03:51 21:08	J 04:26 20:37	D 05:11 19:39	M 05:53 18:37	V 06:37 17:41	D 07:17 17:12	01
02	M 07:38 17:21	S 07:19 18:01	S 06:34 18:42	M 05:32 19:28	J 04:33 20:13	D 03:52 20:56	M 03:52 21:07	V 04:28 20:35	L 05:13 19:37	M 05:55 18:35	S 06:38 17:40	L 07:19 17:11	02
03	J 07:38 17:22	D 07:18 18:02	D 06:33 18:44	M 05:30 19:29	V 04:31 20:15	L 03:51 20:57	M 03:52 21:07	S 04:29 20:34	M 05:14 19:35	J 05:56 18:33	D 06:40 17:38	M 07:20 17:11	03
04	V 07:38 17:23	L 07:16 18:04	L 06:31 18:45	J 05:28 19:31	S 04:30 20:16	M 03:51 20:58	J 03:53 21:07	D 04:31 20:32	M 05:16 19:33	V 05:57 18:31	L 06:41 17:37	M 07:21 17:11	04
05	S 07:38 17:24	M 07:15 18:05	M 06:29 18:47	V 05:26 19:32	D 04:28 20:18	M 03:50 20:59	V 03:54 21:06	L 04:32 20:31	J 05:17 19:31	S 05:59 18:29	M 06:43 17:35	J 07:22 17:10	05
06	D 07:38 17:25	M 07:14 18:07	M 06:27 18:48	S 05:24 19:34	L 04:26 20:19	J 03:50 21:00	S 03:55 21:06	M 04:33 20:29	V 05:19 19:29	D 06:00 18:27	M 06:44 17:34	V 07:23 17:10	06
07	L 07:38 17:26	J 07:12 18:08	J 06:25 18:50	D 05:22 19:35	M 04:25 20:21	V 03:49 21:01	D 03:56 21:05	M 04:35 20:27	S 05:20 19:27	L 06:02 18:25	J 06:45 17:33	S 07:24 17:10	07
08	M 07:38 17:27	V 07:11 18:09	V 06:23 18:51	L 05:20 19:37	M 04:23 20:23	S 03:49 21:01	L 03:57 21:04	J 04:36 20:25	D 05:21 19:25	M 06:03 18:23	V 06:47 17:31	D 07:25 17:10	08
09	M 07:37 17:28	S 07:09 18:11	S 06:21 18:52	M 05:18 19:38	J 04:21 20:24	D 03:48 21:02	M 03:58 21:04	V 04:38 20:24	L 05:23 19:22	M 06:04 18:21	S 06:48 17:30	L 07:26 17:10	09
10	J 07:37 17:29	D 07:08 18:12	D 06:19 18:54	M 05:16 19:40	V 04:20 20:26	L 03:48 21:03	M 03:59 21:03	S 04:39 20:22	M 05:24 19:20	J 06:06 18:19	D 06:50 17:29	M 07:27 17:10	10
11	V 07:37 17:31	L 07:07 18:14	L 06:17 18:55	J 05:14 19:41	S 04:18 20:27	M 03:47 21:04	J 04:00 21:02	D 04:41 20:20	M 05:26 19:18	V 06:07 18:17	L 06:51 17:28	M 07:28 17:10	11
12	S 07:36 17:32	M 07:05 18:15	M 06:15 18:57	V 05:12 19:43	D 04:17 20:29	M 03:47 21:04	V 04:01 21:01	L 04:42 20:18	J 05:27 19:16	S 06:09 18:15	M 06:53 17:27	J 07:29 17:10	12
13	D 07:36 17:33	M 07:04 18:17	M 06:13 18:58	S 05:10 19:44	L 04:15 20:30	J 03:47 21:05	S 04:02 21:01	M 04:44 20:17	V 05:28 19:14	D 06:10 18:13	M 06:54 17:25	V 07:29 17:10	13
14	L 07:35 17:34	J 07:02 18:18	J 06:11 19:00	D 05:08 19:46	M 04:14 20:31	V 03:47 21:05	D 04:03 21:00	M 04:45 20:15	S 05:30 19:12	L 06:11 18:11	J 06:55 17:24	S 07:30 17:10	14
15	M 07:35 17:36	V 07:00 18:20	V 06:09 19:01	L 05:06 19:47	M 04:12 20:33	S 03:47 21:06	L 04:04 20:59	J 04:47 20:13	D 05:31 19:10	M 06:13 18:10	V 06:57 17:23	D 07:31 17:10	15
16	M 07:34 17:37	S 06:59 18:21	S 06:07 19:03	M 05:04 19:49	J 04:11 20:34	D 03:46 21:06	M 04:05 20:58	V 04:48 20:11	L 05:33 19:08	M 06:14 18:08	S 06:58 17:22	L 07:32 17:10	16
17	J 07:34 17:38	D 06:57 18:23	D 06:05 19:04	M 05:02 19:50	V 04:09 20:36	L 03:46 21:07	M 04:06 20:57	S 04:50 20:09	M 05:34 19:06	J 06:16 18:06	D 06:59 17:21	M 07:32 17:11	17
18	V 07:33 17:39	L 06:56 18:24	L 06:03 19:06	J 05:00 19:52	S 04:08 20:37	M 03:46 21:07	J 04:07 20:56	D 04:51 20:07	M 05:35 19:04	V 06:17 18:04	L 07:01 17:20	M 07:33 17:11	18
19	S 07:32 17:41	M 06:54 18:26	M 06:01 19:07	V 04:58 19:53	D 04:07 20:39	M 03:46 21:08	V 04:09 20:55	L 04:53 20:05	J 05:37 19:01	S 06:18 18:02	M 07:02 17:19	J 07:34 17:11	19
20	D 07:32 17:42	M 06:52 18:27	M 05:59 19:09	S 04:56 19:55	L 04:05 20:40	J 03:47 21:08	S 04:10 20:53	M 04:54 20:03	V 05:38 18:59	D 06:20 18:01	M 07:04 17:18	V 07:34 17:12	20
21	L 07:31 17:43	J 06:51 18:29	J 05:57 19:10	D 04:54 19:56	M 04:04 20:41	V 03:47 21:08	D 04:11 20:52	M 04:56 20:01	S 05:40 18:57	L 06:21 17:59	J 07:05 17:18	S 07:35 17:12	21
22	M 07:30 17:45	V 06:49 18:30	V 05:55 19:11	L 04:52 19:58	M 04:03 20:43	S 03:47 21:08	L 04:12 20:51	J 04:57 19:59	D 05:41 18:55	M 06:23 17:57	V 07:06 17:17	D 07:35 17:13	22
23	M 07:29 17:46	S 06:47 18:32	S 05:53 19:13	M 04:50 19:59	J 04:02 20:44	D 03:47 21:08	M 04:14 20:50	V 04:58 19:57	L 05:42 18:53	M 06:24 17:55	S 07:07 17:16	L 07:36 17:13	23
24	J 07:28 17:48	D 06:45 18:33	D 05:51 19:14	M 04:48 20:01	V 04:01 20:45	L 03:48 21:09	M 04:15 20:48	S 05:00 19:55	M 05:44 18:51	J 06:25 17:54	D 07:09 17:15	M 07:36 17:14	24
25	V 07:27 17:49	L 06:44 18:35	L 05:49 19:16	J 04:46 20:03	S 04:00 20:47	M 03:48 21:09	J 04:16 20:47	D 05:01 19:53	M 05:45 18:49	V 06:27 17:52	L 07:10 17:15	M 07:37 17:15	25
26	S 07:26 17:50	M 06:42 18:36	M 05:47 19:17	V 04:44 20:04	D 03:58 20:48	M 03:48 21:09	V 04:18 20:46	L 05:03 19:51	J 05:46 18:47	S 06:28 17:50	M 07:11 17:14	J 07:37 17:15	26
27	D 07:25 17:52	M 06:40 18:38	M 05:45 19:19	S 04:42 20:06	L 03:57 20:49	J 03:49 21:08	S 04:19 20:44	M 05:04 19:49	V 05:48 18:45	D 06:30 17:49	M 07:13 17:13	V 07:37 17:16	27
28	L 07:24 17:53	J 06:38 18:39	J 05:42 19:20	D 04:40 20:07	M 03:56 20:50	V 03:49 21:08	D 04:21 20:43	M 05:06 19:47	S 05:49 18:43	L 06:31 17:47	J 07:14 17:13	S 07:38 17:17	28
29	M 07:23 17:55		V 05:40 19:22	L 04:39 20:09	M 03:55 20:51	S 03:50 21:08	L 04:22 20:42	J 05:07 19:45	D 05:51 18:41	M 06:33 17:46	V 07:15 17:12	D 07:38 17:17	29
30	M 07:22 17:56		S 05:38 19:23	M 04:37 20:10	J 03:55 20:53	D 03:50 21:08	M 04:23 20:40	V 05:09 19:43	L 05:52 18:39	M 06:34 17:44	S 07:16 17:12	L 07:38 17:18	30
31	J 07:21 17:58		D 05:36 19:25		V 03:54 20:54		M 04:25 20:39	S 05:10 19:41		J 06:35 17:43		M 07:38 17:19	31

Note:

1. Pentru întreg anul orele de început și sfârșit ale Crepusculului Civil sunt date în **Timp Legal Român** - UTC+2 h
2. În anul 2019 **Ora de Vară** - UTC+3 h este introdusă între 31 Martie și 27 Octombrie