

Răsăritul și Apusul Soarelui în anul 2019

pentru orașul Ploiești

Longitudine 26°01'28" Est

Latitudine 44°56'16" 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 07:54 16:45	V 07:36 17:23	V 06:55 18:03	L 05:58 18:43	M 05:06 19:21	S 04:33 19:55	L 04:33 20:06	J 05:01 19:43	D 05:37 18:54	M 06:13 17:57	V 06:54 17:05	D 07:33 16:36	01
02	M 07:54 16:46	S 07:35 17:25	S 06:53 18:04	M 05:56 18:44	J 05:05 19:22	D 04:32 19:56	M 04:34 20:06	V 05:02 19:42	L 05:39 18:52	M 06:14 17:55	S 06:55 17:03	L 07:34 16:36	02
03	J 07:54 16:47	D 07:34 17:26	D 06:51 18:05	M 05:54 18:46	V 05:03 19:23	L 04:32 19:56	M 04:34 20:06	S 05:03 19:40	M 05:40 18:50	J 06:16 17:54	D 06:56 17:02	M 07:35 16:36	03
04	V 07:54 16:48	L 07:33 17:28	L 06:49 18:07	J 05:52 18:47	S 05:02 19:24	M 04:31 19:57	J 04:35 20:05	D 05:04 19:39	M 05:41 18:48	V 06:17 17:52	L 06:58 17:01	M 07:36 16:35	04
05	S 07:54 16:49	M 07:31 17:29	M 06:48 18:08	V 05:50 18:48	D 05:00 19:26	M 04:31 19:58	V 04:35 20:05	L 05:05 19:38	J 05:42 18:46	S 06:18 17:50	M 06:59 16:59	J 07:37 16:35	05
06	D 07:54 16:50	M 07:30 17:30	M 06:46 18:09	S 05:48 18:49	L 04:59 19:27	J 04:31 19:59	S 04:36 20:05	M 05:07 19:36	V 05:43 18:45	D 06:19 17:48	M 07:00 16:58	V 07:39 16:35	06
07	L 07:54 16:51	J 07:29 17:32	J 06:44 18:11	D 05:47 18:51	M 04:58 19:28	V 04:30 19:59	D 04:37 20:04	M 05:08 19:35	S 05:44 18:43	L 06:21 17:46	J 07:02 16:57	S 07:40 16:35	07
08	M 07:53 16:52	V 07:27 17:33	V 06:42 18:12	L 05:45 18:52	M 04:56 19:29	S 04:30 20:00	L 04:38 20:04	J 05:09 19:34	D 05:46 18:41	M 06:22 17:44	V 07:03 16:56	D 07:41 16:35	08
09	M 07:53 16:53	S 07:26 17:35	S 06:40 18:13	M 05:43 18:53	J 04:55 19:31	D 04:30 20:01	M 04:38 20:03	V 05:10 19:32	L 05:47 18:39	M 06:23 17:43	S 07:04 16:54	L 07:41 16:34	09
10	J 07:53 16:54	D 07:25 17:36	D 06:38 18:15	M 05:41 18:54	V 04:54 19:32	L 04:29 20:01	M 04:39 20:03	S 05:11 19:31	M 05:48 18:37	J 06:24 17:41	D 07:06 16:53	M 07:42 16:34	10
11	V 07:52 16:55	L 07:23 17:38	L 06:37 18:16	J 05:39 18:56	S 04:52 19:33	M 04:29 20:02	J 04:40 20:02	D 05:12 19:29	M 05:49 18:35	V 06:26 17:39	L 07:07 16:52	M 07:43 16:34	11
12	S 07:52 16:56	M 07:22 17:39	M 06:35 18:17	V 05:38 18:57	D 04:51 19:34	M 04:29 20:03	V 04:41 20:02	L 05:14 19:28	J 05:50 18:33	S 06:27 17:37	M 07:09 16:51	J 07:44 16:35	12
13	D 07:52 16:58	M 07:20 17:40	M 06:33 18:19	S 05:36 18:58	L 04:50 19:35	J 04:29 20:03	S 04:42 20:01	M 05:15 19:26	V 05:52 18:31	D 06:28 17:35	M 07:10 16:50	V 07:45 16:35	13
14	L 07:51 16:59	J 07:19 17:42	J 06:31 18:20	D 05:34 18:59	M 04:49 19:36	V 04:29 20:04	D 04:42 20:01	M 05:16 19:25	S 05:53 18:30	L 06:30 17:34	J 07:11 16:49	S 07:46 16:35	14
15	M 07:51 17:00	V 07:17 17:43	V 06:29 18:21	L 05:32 19:01	M 04:48 19:38	S 04:29 20:04	L 04:43 20:00	J 05:17 19:23	D 05:54 18:28	M 06:31 17:32	V 07:13 16:48	D 07:47 16:35	15
16	M 07:50 17:01	S 07:16 17:45	S 06:27 18:23	M 05:30 19:02	J 04:47 19:39	D 04:29 20:04	M 04:44 19:59	V 05:18 19:21	L 05:55 18:26	M 06:32 17:30	S 07:14 16:47	L 07:47 16:35	16
17	J 07:49 17:03	D 07:14 17:46	D 06:26 18:24	M 05:29 19:03	V 04:45 19:40	L 04:29 20:05	M 04:45 19:58	S 05:20 19:20	M 05:56 18:24	J 06:33 17:29	D 07:15 16:46	M 07:48 16:36	17
18	V 07:49 17:04	L 07:13 17:48	L 06:24 18:25	J 05:27 19:04	S 04:44 19:41	M 04:29 20:05	J 04:46 19:58	D 05:21 19:18	M 05:58 18:22	V 06:35 17:27	L 07:17 16:45	M 07:49 16:36	18
19	S 07:48 17:05	M 07:11 17:49	M 06:22 18:26	V 05:25 19:06	D 04:43 19:42	M 04:29 20:05	V 04:47 19:57	L 05:22 19:16	J 05:59 18:20	S 06:36 17:25	M 07:18 16:44	J 07:49 16:36	19
20	D 07:47 17:07	M 07:10 17:50	M 06:20 18:28	S 05:24 19:07	L 04:42 19:43	J 04:29 20:06	S 04:48 19:56	M 05:23 19:15	V 06:00 18:18	D 06:37 17:23	M 07:19 16:43	V 07:50 16:37	20
21	L 07:47 17:08	J 07:08 17:52	J 06:18 18:29	D 05:22 19:08	M 04:41 19:44	V 04:29 20:06	D 04:49 19:55	M 05:24 19:13	S 06:01 18:16	L 06:39 17:22	J 07:21 16:42	S 07:51 16:37	21
22	M 07:46 17:09	V 07:06 17:53	V 06:16 18:30	L 05:20 19:09	M 04:40 19:45	S 04:30 20:06	L 04:50 19:54	J 05:25 19:11	D 06:02 18:14	M 06:40 17:20	V 07:22 16:41	D 07:51 16:38	22
23	M 07:45 17:11	S 07:05 17:55	S 06:14 18:32	M 05:19 19:11	J 04:40 19:46	D 04:30 20:06	M 04:51 19:53	V 05:27 19:10	L 06:04 18:12	M 06:41 17:19	S 07:23 16:41	L 07:52 16:38	23
24	J 07:44 17:12	D 07:03 17:56	D 06:13 18:33	M 05:17 19:12	V 04:39 19:47	L 04:30 20:06	M 04:52 19:52	S 05:28 19:08	M 06:05 18:11	J 06:43 17:17	D 07:25 16:40	M 07:52 16:39	24
25	V 07:43 17:13	L 07:01 17:57	L 06:11 18:34	J 05:15 19:13	S 04:38 19:48	M 04:30 20:06	J 04:53 19:51	D 05:29 19:06	M 06:06 18:09	V 06:44 17:15	L 07:26 16:39	M 07:52 16:39	25
26	S 07:42 17:15	M 07:00 17:59	M 06:09 18:35	V 05:14 19:15	D 04:37 19:49	M 04:31 20:07	V 04:54 19:50	L 05:30 19:05	J 06:07 18:07	S 06:45 17:14	M 07:27 16:39	J 07:53 16:40	26
27	D 07:41 17:16	M 06:58 18:00	M 06:07 18:37	S 05:12 19:16	L 04:36 19:50	J 04:31 20:07	S 04:55 19:49	M 05:31 19:03	V 06:08 18:05	D 06:47 17:12	M 07:28 16:38	V 07:53 16:41	27
28	L 07:40 17:18	J 06:56 18:01	J 06:05 18:38	D 05:11 19:17	M 04:36 19:51	V 04:32 20:06	D 04:56 19:48	M 05:33 19:01	S 06:10 18:03	L 06:48 17:11	J 07:30 16:38	S 07:53 16:41	28
29	M 07:39 17:19		V 06:03 18:39	L 05:09 19:18	M 04:35 19:52	S 04:32 20:06	L 04:58 19:47	J 05:34 18:59	D 06:11 18:01	M 06:49 17:09	V 07:31 16:37	D 07:53 16:42	29
30	M 07:38 17:20		S 06:01 18:40	M 05:08 19:20	J 04:34 19:53	D 04:33 20:06	M 04:59 19:45	V 05:35 18:57	L 06:12 17:59	M 06:51 17:08	S 07:32 16:37	L 07:54 16:43	30
31	J 07:37 17:22		D 05:59 18:42		V 04:34 19:54		M 05:00 19:44	S 05:36 18:56		J 06:52 17:06		M 07:54 16:44	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 Ploiești

Longitudine 26°01'28" Est

Latitudine 44°56'16" 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 07:20 17:18	V 07:05 17:55	V 06:25 18:32	L 05:28 19:13	M 04:34 19:53	S 03:57 20:31	L 03:56 20:43	J 04:27 20:17	D 05:07 19:24	M 05:44 18:27	V 06:23 17:35	D 07:00 17:09	01
02	M 07:20 17:19	S 07:04 17:56	S 06:23 18:34	M 05:26 19:14	J 04:32 19:54	D 03:56 20:32	M 03:57 20:43	V 04:28 20:15	L 05:08 19:22	M 05:45 18:25	S 06:24 17:34	L 07:01 17:09	02
03	J 07:20 17:20	D 07:03 17:57	D 06:22 18:35	M 05:24 19:15	V 04:31 19:56	L 03:56 20:33	M 03:57 20:43	S 04:30 20:14	M 05:10 19:20	J 05:46 18:23	D 06:26 17:33	M 07:02 17:09	03
04	V 07:20 17:21	L 07:02 17:59	L 06:20 18:36	J 05:22 19:17	S 04:29 19:57	M 03:55 20:34	J 03:58 20:42	D 04:31 20:12	M 05:11 19:18	V 05:48 18:21	L 06:27 17:31	M 07:03 17:08	04
05	S 07:20 17:22	M 07:00 18:00	M 06:18 18:37	V 05:20 19:18	D 04:28 19:59	M 03:54 20:35	V 03:59 20:42	L 04:32 20:11	J 05:12 19:16	S 05:49 18:19	M 06:28 17:30	J 07:04 17:08	05
06	D 07:20 17:23	M 06:59 18:01	M 06:16 18:39	S 05:18 19:19	L 04:26 20:00	J 03:54 20:36	S 03:59 20:42	M 04:33 20:09	V 05:13 19:15	D 05:50 18:17	M 06:29 17:29	V 07:05 17:08	06
07	L 07:20 17:24	J 06:58 18:03	J 06:15 18:40	D 05:17 19:21	M 04:25 20:01	V 03:54 20:36	D 04:00 20:41	M 04:35 20:08	S 05:15 19:13	L 05:51 18:15	J 06:31 17:28	S 07:06 17:08	07
08	M 07:20 17:25	V 06:57 18:04	V 06:13 18:41	L 05:15 19:22	M 04:23 20:03	S 03:53 20:37	L 04:01 20:41	J 04:36 20:06	D 05:16 19:11	M 05:53 18:14	V 06:32 17:27	D 07:07 17:08	08
09	M 07:20 17:26	S 06:55 18:05	S 06:11 18:43	M 05:13 19:23	J 04:22 20:04	D 03:53 20:38	M 04:02 20:40	V 04:37 20:05	L 05:17 19:09	M 05:54 18:12	S 06:33 17:25	L 07:08 17:08	09
10	J 07:20 17:27	D 06:54 18:07	D 06:09 18:44	M 05:11 19:25	V 04:20 20:05	L 03:52 20:38	M 04:03 20:39	S 04:39 20:03	M 05:18 19:07	J 05:55 18:10	D 06:35 17:24	M 07:09 17:08	10
11	V 07:19 17:28	L 06:53 18:08	L 06:07 18:45	J 05:09 19:26	S 04:19 20:07	M 03:52 20:39	J 04:04 20:39	D 04:40 20:01	M 05:20 19:05	V 05:56 18:08	L 06:36 17:23	M 07:10 17:08	11
12	S 07:19 17:29	M 06:51 18:09	M 06:06 18:47	V 05:07 19:27	D 04:18 20:08	M 03:52 20:40	V 04:04 20:38	L 04:41 20:00	J 05:21 19:03	S 05:58 18:07	M 06:37 17:22	J 07:11 17:08	12
13	D 07:19 17:31	M 06:50 18:11	M 06:04 18:48	S 05:05 19:29	L 04:16 20:09	J 03:52 20:40	S 04:05 20:37	M 04:43 19:58	V 05:22 19:01	D 05:59 18:05	M 06:38 17:21	V 07:11 17:08	13
14	L 07:18 17:32	J 06:49 18:12	J 06:02 18:49	D 05:04 19:30	M 04:15 20:11	V 03:52 20:41	D 04:06 20:37	M 04:44 19:57	S 05:23 18:59	L 06:00 18:03	J 06:40 17:20	S 07:12 17:08	14
15	M 07:18 17:33	V 06:47 18:13	V 06:00 18:51	L 05:02 19:31	M 04:14 20:12	S 03:52 20:41	L 04:07 20:36	J 04:45 19:55	D 05:24 18:57	M 06:01 18:01	V 06:41 17:19	D 07:13 17:09	15
16	M 07:17 17:34	S 06:46 18:15	S 05:58 18:52	M 05:00 19:33	J 04:12 20:13	D 03:52 20:42	M 04:08 20:35	V 04:46 19:53	L 05:26 18:55	M 06:03 18:00	S 06:42 17:18	L 07:14 17:09	16
17	J 07:17 17:35	D 06:44 18:16	D 05:56 18:53	M 04:58 19:34	V 04:11 20:14	L 03:52 20:42	M 04:09 20:34	S 04:48 19:51	M 05:27 18:53	J 06:04 17:58	D 06:44 17:18	M 07:14 17:09	17
18	V 07:16 17:36	L 06:43 18:18	L 05:55 18:54	J 04:56 19:35	S 04:10 20:16	M 03:52 20:43	J 04:11 20:33	D 04:49 19:50	M 05:28 18:51	V 06:05 17:56	L 06:45 17:17	M 07:15 17:10	18
19	S 07:16 17:38	M 06:41 18:19	M 05:53 18:56	V 04:54 19:37	D 04:09 20:17	M 03:52 20:43	V 04:12 20:32	L 04:50 19:48	J 05:29 18:49	S 06:06 17:55	M 06:46 17:16	J 07:16 17:10	19
20	D 07:15 17:39	M 06:40 18:20	M 05:51 18:57	S 04:53 19:38	L 04:08 20:18	J 03:52 20:43	S 04:13 20:31	M 04:52 19:46	V 05:31 18:47	D 06:08 17:53	M 06:47 17:15	V 07:16 17:10	20
21	L 07:14 17:40	J 06:38 18:22	J 05:49 18:58	D 04:51 19:39	M 04:06 20:19	V 03:52 20:43	D 04:14 20:30	M 04:53 19:44	S 05:32 18:46	L 06:09 17:52	J 06:48 17:14	S 07:17 17:11	21
22	M 07:14 17:41	V 06:37 18:23	V 05:47 19:00	L 04:49 19:41	M 04:05 20:20	S 03:52 20:44	L 04:15 20:29	J 04:54 19:43	D 05:33 18:44	M 06:10 17:50	V 06:50 17:14	D 07:17 17:11	22
23	M 07:13 17:43	S 06:35 18:24	S 05:45 19:01	M 04:47 19:42	J 04:04 20:22	D 03:52 20:44	M 04:16 20:28	V 04:56 19:41	L 05:34 18:42	M 06:11 17:48	S 06:51 17:13	L 07:18 17:12	23
24	J 07:12 17:44	D 06:33 18:26	D 05:43 19:02	M 04:46 19:44	V 04:03 20:23	L 03:53 20:44	M 04:17 20:27	S 04:57 19:39	M 05:35 18:40	J 06:13 17:47	D 06:52 17:12	M 07:18 17:12	24
25	V 07:11 17:45	L 06:32 18:27	L 05:41 19:04	J 04:44 19:45	S 04:02 20:24	M 03:53 20:44	J 04:18 20:26	D 04:58 19:37	M 05:37 18:38	V 06:14 17:45	L 06:53 17:12	M 07:19 17:13	25
26	S 07:11 17:47	M 06:30 18:28	M 05:39 19:05	V 04:42 19:46	D 04:02 20:25	M 03:53 20:44	V 04:20 20:24	L 04:59 19:35	J 05:38 18:36	S 06:15 17:44	M 06:54 17:11	J 07:19 17:14	26
27	D 07:10 17:48	M 06:29 18:30	M 05:38 19:06	S 04:40 19:48	L 04:01 20:26	J 03:54 20:44	S 04:21 20:23	M 05:01 19:33	V 05:39 18:34	D 06:17 17:42	M 06:56 17:11	V 07:19 17:14	27
28	L 07:09 17:49	J 06:27 18:31	J 05:36 19:07	D 04:39 19:49	M 04:00 20:27	V 03:54 20:44	D 04:22 20:22	M 05:02 19:32	S 05:40 18:32	L 06:18 17:41	J 06:57 17:10	S 07:20 17:15	28
29	M 07:08 17:51		V 05:34 19:09	L 04:37 19:50	M 03:59 20:28	S 03:55 20:44	L 04:23 20:21	J 05:03 19:30	D 05:42 18:30	M 06:19 17:40	V 06:58 17:10	D 07:20 17:16	29
30	M 07:07 17:52		S 05:32 19:10	M 04:36 19:52	J 03:58 20:29	D 03:55 20:43	M 04:25 20:19	V 05:05 19:28	L 05:43 18:28	M 06:20 17:38	S 06:59 17:10	L 07:20 17:17	30
31	J 07:06 17:53		D 05:30 19:11		V 03:57 20:30		M 04:26 20:18	S 05:06 19:26		J 06:22 17:37		M 07:20 17:17	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