

Astronomical Almanac for 2025 October

Blackpool, Lancs Latitude: 53°49'08" N Longitude: 3°02'01" W
Elevation: 5 metres

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
			SR: 06:14	SR: 06:16	SR: 06:18	SR: 06:20
			SS: 17:48	SS: 17:46	SS: 17:43	SS: 17:41
			MR: 16:09	MR: 16:28	MR: 16:41	MR: 16:52
			MS: 23:22	MS: None	MS: 00:49	MS: 02:17
5	6	7	8	9	10	11
SR: 06:22	SR: 06:23	SR: 06:25	SR: 06:27	SR: 06:29	SR: 06:31	SR: 06:33
SS: 17:38	SS: 17:36	SS: 17:34	SS: 17:31	SS: 17:29	SS: 17:26	SS: 17:24
MR: 17:01	MR: 17:11	MR: 17:22	MR: 17:35	MR: 17:54	MR: 18:23	MR: 19:09
MS: 03:46	MS: 05:16	MS: 06:49	MS: 08:26	MS: 10:06	MS: 11:44	MS: 13:11
		FM: 03:49				
12	13	14	15	16	17	18
SR: 06:34	SR: 06:36	SR: 06:38	SR: 06:40	SR: 06:42	SR: 06:44	SR: 06:46
SS: 17:22	SS: 17:19	SS: 17:17	SS: 17:15	SS: 17:13	SS: 17:10	SS: 17:08
MR: 20:16	MR: 21:39	MR: 23:06	MR: None	MR: 00:32	MR: 01:53	MR: 03:11
MS: 14:16	MS: 14:58	MS: 15:24	MS: 15:41	MS: 15:53	MS: 16:02	MS: 16:09
	LQ: 18:15					
19	20	21	22	23	24	25
SR: 06:48	SR: 06:49	SR: 06:51	SR: 06:53	SR: 06:55	SR: 06:57	SR: 06:59
SS: 17:06	SS: 17:03	SS: 17:01	SS: 16:59	SS: 16:57	SS: 16:55	SS: 16:53
MR: 04:27	MR: 05:41	MR: 06:56	MR: 08:12	MR: 09:30	MR: 10:46	MR: 11:56
MS: 16:17	MS: 16:24	MS: 16:33	MS: 16:44	MS: 17:00	MS: 17:22	MS: 17:55
		NM: 12:26				
26	27	28	29	30	31	
SR: 07:01	SR: 07:03	SR: 07:05	SR: 07:07	SR: 07:09	SR: 07:11	
SS: 16:50	SS: 16:48	SS: 16:46	SS: 16:44	SS: 16:42	SS: 16:40	
MR: 12:55	MR: 13:39	MR: 14:10	MR: 14:31	MR: 14:46	MR: 14:58	
MS: 18:43	MS: 19:47	MS: 21:02	MS: 22:24	MS: 23:49	MS: None	
			FQ: 16:22			

Twilight Report for 2025-10-01 to 2025-10-31

Date	Sun		Astronomical		Nautical		Civil	
	Rise	Set	Begin	End	Begin	End	Begin	End
2025-10-01	06:14	17:48	04:11	19:52	04:53	19:10	05:34	18:29
2025-10-08	06:27	17:31	04:24	19:34	05:06	18:53	05:46	18:12
2025-10-15	06:40	17:15	04:37	19:18	05:18	18:37	05:59	17:56
2025-10-22	06:53	16:59	04:50	19:03	05:30	18:22	06:11	17:41
2025-10-29	07:07	16:44	05:02	18:49	05:42	18:08	06:24	17:27

Meteor Showers Report for 2025-10-01 to 2025-10-31

Date	Meteor Shower	ZHR	RA	DEC	Illum. Frac.	Longitude
10-22	Orionids	25	6h 24m	15°	0.00	209°

Planet View Info Report for 2025-10-01 to 2025-10-31

Mercury

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-10-01	07:35	18:06	13h18m11s	-8°22'00"	13°06'56"	0.933	1.36848
2025-10-08	08:14	17:51	13h57m50s	-13°02'20"	17°01'01"	0.889	1.31811
2025-10-15	08:50	17:37	14h36m17s	-17°06'15"	20°14'27"	0.834	1.24575
2025-10-22	09:22	17:24	15h13m11s	-20°25'34"	22°39'50"	0.759	1.15088
2025-10-29	09:45	17:12	15h46m41s	-22°48'57"	23°51'46"	0.648	1.03278

Venus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-10-01	03:51	17:19	11h03m20s	7°27'09"	24°02'10"	0.912	1.50588
2025-10-08	04:14	17:06	11h35m30s	4°12'11"	22°18'11"	0.925	1.53473
2025-10-15	04:37	16:51	12h07m30s	0°50'04"	20°33'38"	0.937	1.56136
2025-10-22	05:00	16:37	12h39m31s	-2°35'04"	18°48'51"	0.947	1.58569
2025-10-29	05:23	16:23	13h11m46s	-5°58'59"	17°03'57"	0.957	1.60771

Mars

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-10-01	08:59	18:31	14h14m08s	-13°33'14"	27°47'22"	0.977	2.35629
2025-10-08	09:00	18:13	14h32m46s	-15°10'03"	25°41'17"	0.980	2.37189
2025-10-15	09:01	17:55	14h51m53s	-16°41'56"	23°36'33"	0.983	2.38532
2025-10-22	09:03	17:37	15h11m30s	-18°07'58"	21°33'07"	0.985	2.39661
2025-10-29	09:04	17:21	15h31m38s	-19°27'12"	19°31'09"	0.988	2.40577

Jupiter

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-10-01	22:50	15:23	7h37m05s	21°35'19"	75°36'53"	0.991	5.33397
2025-10-08	22:27	14:58	7h40m28s	21°28'12"	81°42'48"	0.991	5.22819
2025-10-15	22:03	14:32	7h43m18s	21°22'10"	87°57'57"	0.991	5.12066
2025-10-22	21:38	14:06	7h45m34s	21°17'27"	94°23'08"	0.991	5.01259
2025-10-29	21:12	13:40	7h47m13s	21°14'14"	100°58'43"	0.991	4.90545

Saturn

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-10-01	17:39	05:13	23h55m48s	-3°11'41"	169°22'27"	1.000	8.58396
2025-10-08	17:10	04:43	23h53m54s	-3°23'47"	162°05'33"	1.000	8.61191
2025-10-15	16:42	04:13	23h52m06s	-3°34'51"	154°44'37"	1.000	8.65410
2025-10-22	16:14	03:43	23h50m29s	-3°44'37"	147°23'10"	0.999	8.70990
2025-10-29	15:46	03:13	23h49m04s	-3°52'49"	140°02'56"	0.999	8.77835

Uranus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-10-01	19:20	11:32	3h56m28s	20°11'47"	126°53'19"	1.000	18.89125
2025-10-08	18:52	11:04	3h55m48s	20°09'50"	133°56'25"	1.000	18.80084
2025-10-15	18:24	10:35	3h55m00s	20°07'29"	141°03'14"	1.000	18.72058
2025-10-22	17:56	10:06	3h54m05s	20°04'45"	148°13'40"	1.000	18.65182
2025-10-29	17:28	09:38	3h53m03s	20°01'41"	155°27'15"	1.000	18.59583

Neptune

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-10-01	17:35	05:34	0h04m14s	-1°02'18"	172°20'38"	1.000	28.89462
2025-10-08	17:08	05:05	0h03m33s	-1°06'48"	165°19'21"	1.000	28.91938
2025-10-15	16:40	04:36	0h02m53s	-1°11'05"	158°14'30"	1.000	28.95839
2025-10-22	16:12	04:08	0h02m15s	-1°15'05"	151°07'50"	1.000	29.01121
2025-10-29	15:44	03:40	0h01m40s	-1°18'41"	144°00'11"	1.000	29.07711