

Astronomical Almanac for 2025 April

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	5
		SR: 05:45	SR: 05:42	SR: 05:40	SR: 05:37	SR: 05:35
		SS: 18:48	SS: 18:50	SS: 18:52	SS: 18:54	SS: 18:56
		MR: 06:30	MR: 06:55	MR: 07:36	MR: 08:36	MR: 09:52
		MS: None	MS: 00:06	MS: 01:35	MS: 02:44	MS: 03:30
						FQ: 02:17
6	7	8	9	10	11	12
SR: 05:33	SR: 05:30	SR: 05:28	SR: 05:25	SR: 05:23	SR: 05:21	SR: 05:18
SS: 18:58	SS: 18:59	SS: 19:01	SS: 19:03	SS: 19:05	SS: 19:07	SS: 19:09
MR: 11:16	MR: 12:39	MR: 14:00	MR: 15:16	MR: 16:31	MR: 17:44	MR: 18:57
MS: 03:59	MS: 04:17	MS: 04:29	MS: 04:39	MS: 04:46	MS: 04:53	MS: 05:00
13	14	15	16	17	18	19
SR: 05:16	SR: 05:14	SR: 05:11	SR: 05:09	SR: 05:07	SR: 05:04	SR: 05:02
SS: 19:10	SS: 19:12	SS: 19:14	SS: 19:16	SS: 19:18	SS: 19:20	SS: 19:22
MR: 20:12	MR: 21:29	MR: 22:46	MR: None	MR: 00:02	MR: 01:09	MR: 02:03
MS: 05:08	MS: 05:17	MS: 05:29	MS: 05:47	MS: 06:14	MS: 06:55	MS: 07:53
FM: 00:24						
20	21	22	23	24	25	26
SR: 05:00	SR: 04:58	SR: 04:55	SR: 04:53	SR: 04:51	SR: 04:49	SR: 04:47
SS: 19:23	SS: 19:25	SS: 19:27	SS: 19:29	SS: 19:31	SS: 19:33	SS: 19:34
MR: 02:40	MR: 03:06	MR: 03:23	MR: 03:36	MR: 03:47	MR: 03:56	MR: 04:06
MS: 09:07	MS: 10:31	MS: 11:59	MS: 13:29	MS: 14:59	MS: 16:31	MS: 18:06
	LQ: 01:38					
27	28	29	30			
SR: 04:44	SR: 04:42	SR: 04:40	SR: 04:38			
SS: 19:36	SS: 19:38	SS: 19:40	SS: 19:42			
MR: 04:17	MR: 04:32	MR: 04:54	MR: 05:28			
MS: 19:46	MS: 21:28	MS: 23:05	MS: None			
NM: 19:33						

Twilight Report for 2025-04-01 to 2025-04-30

Date	Sun		Astronomical		Nautical		Civil	
	Rise	Set	Begin	End	Begin	End	Begin	End
2025-04-01	05:45	18:48	03:32	21:01	04:20	20:13	05:03	19:30
2025-04-08	05:28	19:01	03:10	21:19	04:00	20:29	04:45	19:44
2025-04-15	05:11	19:14	02:45	21:40	03:40	20:45	04:28	19:58
2025-04-22	04:55	19:27	02:19	22:04	03:20	21:02	04:10	20:12
2025-04-29	04:40	19:40	01:49	22:31	03:00	21:21	03:53	20:27

Planet View Info Report for 2025-04-01 to 2025-04-30

Mercury

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-04-01	05:17	17:30	23h52m49s	0°58'45"	12°52'35"	0.072	0.60677
2025-04-08	04:58	16:48	23h48m43s	-1°26'30"	21°34'41"	0.207	0.66530
2025-04-15	04:44	16:31	23h59m38s	-1°49'05"	26°08'12"	0.342	0.75331
2025-04-22	04:31	16:36	0h21m45s	-0°23'11"	27°23'25"	0.459	0.85459
2025-04-29	04:18	16:55	0h51m50s	2°26'22"	26°13'01"	0.565	0.96152

Venus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-04-01	04:37	17:43	23h39m24s	5°39'07"	15°42'48"	0.037	0.29331
2025-04-08	04:16	16:57	23h32m59s	3°22'48"	23°56'36"	0.087	0.31802
2025-04-15	03:58	16:23	23h33m52s	1°46'03"	30°50'28"	0.149	0.35297
2025-04-22	03:43	16:00	23h41m26s	0°58'15"	36°05'11"	0.212	0.39542
2025-04-29	03:28	15:46	23h54m22s	0°56'54"	39°52'44"	0.273	0.44303

Mars

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-04-01	10:41	03:52	7h43m52s	24°00'11"	102°03'52"	0.905	1.13900
2025-04-08	10:29	03:30	7h54m09s	23°23'29"	97°36'14"	0.902	1.20528
2025-04-15	10:19	03:08	8h05m25s	22°42'02"	93°25'21"	0.900	1.27163
2025-04-22	10:09	02:47	8h17m29s	21°55'39"	89°28'43"	0.899	1.33772
2025-04-29	10:01	02:25	8h30m12s	21°04'07"	85°44'35"	0.899	1.40323

Jupiter

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-04-01	08:10	00:55	4h59m12s	22°23'51"	64°27'01"	0.992	5.46200
2025-04-08	07:46	00:33	5h04m04s	22°31'41"	58°41'09"	0.993	5.56191
2025-04-15	07:23	00:12	5h09m18s	22°39'23"	53°02'10"	0.994	5.65608
2025-04-22	07:00	23:48	5h14m53s	22°46'43"	47°29'13"	0.995	5.74382
2025-04-29	06:37	23:27	5h20m45s	22°53'33"	42°01'37"	0.996	5.82443

Saturn

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-04-01	05:34	16:56	23h42m55s	-3°57'40"	17°06'59"	1.000	10.57643
2025-04-08	05:07	16:34	23h45m59s	-3°38'35"	23°09'20"	1.000	10.53630
2025-04-15	04:41	16:11	23h48m58s	-3°20'11"	29°12'01"	0.999	10.48492
2025-04-22	04:15	15:48	23h51m50s	-3°02'35"	35°15'16"	0.999	10.42284
2025-04-29	03:49	15:24	23h54m35s	-2°45'56"	41°19'29"	0.999	10.35066

Uranus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-04-01	07:07	22:55	3h29m48s	18°44'31"	43°13'49"	1.000	20.25632
2025-04-08	06:40	22:30	3h31m10s	18°49'27"	36°40'02"	1.000	20.33300
2025-04-15	06:14	22:04	3h32m37s	18°54'39"	30°09'22"	1.000	20.39877
2025-04-22	05:47	21:39	3h34m09s	19°00'03"	23°41'20"	1.000	20.45295
2025-04-29	05:21	21:13	3h35m44s	19°05'36"	17°15'32"	1.000	20.49487

Neptune

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2025-04-01	05:37	17:31	0h02m15s	-1°08'05"	11°31'23"	1.000	30.87047
2025-04-08	05:10	17:05	0h03m12s	-1°02'01"	18°08'07"	1.000	30.84170
2025-04-15	04:43	16:39	0h04m07s	-0°56'11"	24°44'19"	1.000	30.79983
2025-04-22	04:16	16:13	0h05m01s	-0°50'37"	31°19'54"	1.000	30.74548
2025-04-29	03:49	15:46	0h05m51s	-0°45'23"	37°55'03"	1.000	30.67933

Meteor Showers Report for 2025-04-01 to 2025-04-30

Date	Meteor Shower	ZHR	RA	DEC	Illum. Frac.	Longitude
2025-04-12	Virginids	5	14h04m	-9°	0.99	22°
2025-04-22	Lyrids	12	18h08m	32°	0.40	32°
2025-04-28	alpha-Scorpiids	5	16h32m	-24°	0.00	38°

