

Astronomical Almanac for 2024 March

Blackpool, Lancs

Latitude: 53°49'08" N Longitude: 3°02'01" W

Elevation: 5 metres

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
					SR: 06:59	SR: 06:57
					SS: 17:50	SS: 17:52
					MR: None	MR: 01:04
					MS: 08:29	MS: 08:44
3	4	5	6	7	8	9
SR: 06:55	SR: 06:52	SR: 06:50	SR: 06:48	SR: 06:45	SR: 06:43	SR: 06:40
SS: 17:54	SS: 17:56	SS: 17:58	SS: 18:00	SS: 18:02	SS: 18:04	SS: 18:06
MR: 02:26	MR: 03:45	MR: 04:51	MR: 05:40	MR: 06:12	MR: 06:33	MR: 06:48
MS: 09:07	MS: 09:44	MS: 10:40	MS: 11:59	MS: 13:33	MS: 15:12	MS: 16:51
LQ: 15:25						
10	11	12	13	14	15	16
SR: 06:38	SR: 06:36	SR: 06:33	SR: 06:31	SR: 06:28	SR: 06:26	SR: 06:23
SS: 18:08	SS: 18:10	SS: 18:11	SS: 18:13	SS: 18:15	SS: 18:17	SS: 18:19
MR: 06:59	MR: 07:09	MR: 07:19	MR: 07:31	MR: 07:45	MR: 08:05	MR: 08:35
MS: 18:28	MS: 20:03	MS: 21:38	MS: 23:12	MS: None	MS: 00:45	MS: 02:12
NM: 09:03						
17	18	19	20	21	22	23
SR: 06:21	SR: 06:19	SR: 06:16	SR: 06:14	SR: 06:11	SR: 06:09	SR: 06:06
SS: 18:21	SS: 18:23	SS: 18:25	SS: 18:26	SS: 18:28	SS: 18:30	SS: 18:32
MR: 09:19	MR: 10:19	MR: 11:32	MR: 12:49	MR: 14:07	MR: 15:23	MR: 16:36
MS: 03:26	MS: 04:20	MS: 04:57	MS: 05:22	MS: 05:38	MS: 05:49	MS: 05:58
FQ: 04:12			MEQ: 03:06			
Nep Con						
24	25	26	27	28	29	30
SR: 06:04	SR: 06:01	SR: 05:59	SR: 05:56	SR: 05:54	SR: 05:52	SR: 05:49
SS: 18:34	SS: 18:36	SS: 18:38	SS: 18:39	SS: 18:41	SS: 18:43	SS: 18:45
MR: 17:49	MR: 19:01	MR: 20:15	MR: 21:32	MR: 22:51	MR: None	MR: 00:13
MS: 06:06	MS: 06:13	MS: 06:19	MS: 06:27	MS: 06:37	MS: 06:51	MS: 07:10
	FM: 07:02					
31						
SR: 05:47						
SS: 18:47						
MR: 01:32						
MS: 07:41						

Twilight Report for 2024-03-01 to 2024-03-31

Date	Sun		Astronomical		Nautical		Civil	
	Rise	Set	Begin	End	Begin	End	Begin	End
2024-03-01	06:59	17:50	04:57	19:53	05:38	19:12	06:18	18:31
2024-03-08	06:43	18:04	04:40	20:07	05:21	19:25	06:02	18:44
2024-03-15	06:26	18:17	04:21	20:21	05:04	19:39	05:45	18:58
2024-03-22	06:09	18:30	04:02	20:37	04:46	19:53	05:28	19:11
2024-03-29	05:52	18:43	03:41	20:54	04:27	20:07	05:10	19:24

Planet View Info Report for 2024-03-01 to 2024-03-31

Mercury

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2024-03-01	07:15	17:55	22h57m29s	-8°30'14"	2°13'52"	0.997	1.36122
2024-03-08	07:02	18:50	23h46m02s	-2°27'55"	7°57'24"	0.956	1.28786
2024-03-15	06:46	19:44	0h32m37s	3°57'01"	14°09'06"	0.810	1.15628
2024-03-22	06:25	20:24	1h11m03s	9°32'55"	18°14'23"	0.548	0.97651
2024-03-29	05:59	20:34	1h33m01s	12°56'38"	17°44'09"	0.270	0.79310

Venus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2024-03-01	06:23	15:22	21h16m43s	-16°33'50"	24°24'06"	0.913	1.50379
2024-03-08	06:14	15:45	21h51m06s	-14°02'07"	22°45'36"	0.925	1.53374
2024-03-15	06:03	16:08	22h24m40s	-11°11'28"	21°05'50"	0.935	1.56192
2024-03-22	05:50	16:31	22h57m30s	-8°05'59"	19°24'39"	0.945	1.58830
2024-03-29	05:37	16:54	23h29m45s	-4°49'44"	17°41'58"	0.954	1.61288

Mars

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2024-03-01	06:18	14:57	21h02m49s	-17°57'19"	27°59'21"	0.972	2.20979
2024-03-08	06:02	15:02	21h24m34s	-16°22'58"	29°34'35"	0.969	2.18283
2024-03-15	05:45	15:07	21h46m00s	-14°40'28"	31°07'44"	0.965	2.15578
2024-03-22	05:27	15:11	22h07m08s	-12°50'54"	32°38'46"	0.962	2.12876
2024-03-29	05:09	15:16	22h27m57s	-10°55'20"	34°07'51"	0.958	2.10188

Jupiter

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2024-03-01	08:44	23:35	2h36m36s	14°20'56"	60°23'49"	0.993	5.41002
2024-03-08	08:19	23:15	2h41m27s	14°45'04"	54°37'21"	0.993	5.50565
2024-03-15	07:54	22:55	2h46m38s	15°10'08"	48°57'13"	0.994	5.59496
2024-03-22	07:29	22:36	2h52m08s	15°35'53"	43°23'06"	0.995	5.67715
2024-03-29	07:05	22:17	2h57m53s	16°02'01"	37°54'23"	0.996	5.75167

Saturn

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2024-03-01	07:10	17:33	22h48m30s	-9°20'11"	1°52'11"	1.000	10.73306
2024-03-08	06:44	17:11	22h51m42s	-9°01'11"	7°16'22"	1.000	10.72466
2024-03-15	06:18	16:48	22h54m53s	-8°42'21"	13°20'03"	1.000	10.70381
2024-03-22	05:52	16:25	22h58m00s	-8°23'53"	19°25'59"	1.000	10.67082
2024-03-29	05:26	16:03	23h01m03s	-8°05'54"	25°32'15"	1.000	10.62616

Uranus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2024-03-01	08:57	00:29	3h08m49s	17°21'20"	68°40'35"	0.999	19.94442
2024-03-08	08:30	00:03	3h09m41s	17°25'00"	61°52'45"	1.000	20.05303
2024-03-15	08:03	23:33	3h10m42s	17°29'12"	55°08'27"	1.000	20.15502
2024-03-22	07:36	23:08	3h11m51s	17°33'53"	48°27'49"	1.000	20.24898
2024-03-29	07:09	22:42	3h13m06s	17°38'58"	41°50'38"	1.000	20.33378

Neptune

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2024-03-01	07:33	19:13	23h50m00s	-2°24'33"	15°54'02"	1.000	30.85402
2024-03-08	07:06	18:47	23h50m57s	-2°18'20"	9°10'51"	1.000	30.88164
2024-03-15	06:39	18:21	23h51m56s	-2°12'02"	2°40'03"	1.000	30.89534
2024-03-22	06:12	17:55	23h52m54s	-2°05'45"	4°29'24"	1.000	30.89502
2024-03-29	05:45	17:29	23h53m52s	-1°59'32"	11°03'26"	1.000	30.88084