

Astronomical Almanac for 2020 March

Blackpool, Lancs

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

Elevation: 10 metres

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
SR: 06:59	SR: 06:57	SR: 06:55	SR: 06:52	SR: 06:50	SR: 06:48	SR: 06:45
SS: 17:50	SS: 17:52	SS: 17:54	SS: 17:56	SS: 17:58	SS: 18:00	SS: 18:02
MR: 09:38	MR: 10:02	MR: 10:33	MR: 11:16	MR: 12:12	MR: 13:22	MR: 14:44
MS: 00:12	MS: 01:23	MS: 02:34	MS: 03:41	MS: 04:41	MS: 05:32	MS: 06:11
	FQ: 19:59					
8	9	10	11	12	13	14
SR: 06:43	SR: 06:40	SR: 06:38	SR: 06:36	SR: 06:33	SR: 06:31	SR: 06:28
SS: 18:04	SS: 18:06	SS: 18:08	SS: 18:09	SS: 18:11	SS: 18:13	SS: 18:15
MR: 16:13	MR: 17:44	MR: 19:15	MR: 20:45	MR: 22:14	MR: 23:41	MR: None
MS: 06:42	MS: 07:07	MS: 07:28	MS: 07:47	MS: 08:06	MS: 08:27	MS: 08:51
	FM: 17:49					
15	16	17	18	19	20	21
SR: 06:26	SR: 06:23	SR: 06:21	SR: 06:19	SR: 06:16	SR: 06:14	SR: 06:11
SS: 18:17	SS: 18:19	SS: 18:21	SS: 18:23	SS: 18:24	SS: 18:26	SS: 18:28
MR: 01:03	MR: 02:19	MR: 03:24	MR: 04:17	MR: 04:57	MR: 05:28	MR: 05:52
MS: 09:21	MS: 09:59	MS: 10:46	MS: 11:44	MS: 12:48	MS: 13:57	MS: 15:07
	LQ: 09:36				MEQ:03:52	
22	23	24	25	26	27	28
SR: 06:09	SR: 06:06	SR: 06:04	SR: 06:01	SR: 05:59	SR: 05:57	SR: 05:54
SS: 18:30	SS: 18:32	SS: 18:34	SS: 18:36	SS: 18:38	SS: 18:39	SS: 18:41
MR: 06:11	MR: 06:27	MR: 06:41	MR: 06:55	MR: 07:09	MR: 07:24	MR: 07:42
MS: 16:17	MS: 17:26	MS: 18:35	MS: 19:43	MS: 20:52	MS: 22:02	MS: 23:13
		NM: 09:30				
29	30	31				
SR: 05:52	SR: 05:49	SR: 05:47				
SS: 18:43	SS: 18:45	SS: 18:47				
MR: 08:03	MR: 08:31	MR: 09:08				
MS: None	MS: 00:23	MS: 01:31				

Twilight Report for 2020-03-01 to 2020-03-31

Date	Sun		Astronomical		Nautical		Civil	
	Rise	Set	Begin	End	Begin	End	Begin	End
2020-03-01	06:59	17:50	04:57	19:53	05:38	19:12	06:18	18:31
2020-03-08	06:43	18:04	04:40	20:07	05:22	19:25	06:02	18:44
2020-03-15	06:26	18:17	04:22	20:21	05:04	19:39	05:45	18:58
2020-03-22	06:09	18:30	04:02	20:37	04:46	19:53	05:28	19:11
2020-03-29	05:52	18:43	03:41	20:54	04:27	20:07	05:10	19:24

Planet View Info Report for 2020-03-01 to 2020-03-31

Mercury

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2020-03-01	06:24	17:06	22h14m01s	-7°17'25"	8°46'01"	0.041	0.63110
2020-03-08	05:59	16:10	21h59m37s	-10°08'03"	19°31'30"	0.197	0.68223
2020-03-15	05:44	15:44	22h05m16s	-11°20'45"	25°31'53"	0.361	0.77317
2020-03-22	05:34	15:42	22h25m34s	-10°51'44"	27°40'52"	0.492	0.87540
2020-03-29	05:25	15:56	22h54m48s	-8°57'50"	27°16'32"	0.596	0.97709

Venus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2020-03-01	08:02	22:16	1h32m38s	10°52'14"	44°34'46"	0.627	0.88874
2020-03-08	07:43	22:36	2h01m17s	14°08'07"	45°16'36"	0.596	0.83710
2020-03-15	07:25	22:57	2h29m47s	17°08'48"	45°46'56"	0.563	0.78449
2020-03-22	07:07	23:16	2h58m02s	19°51'09"	46°02'55"	0.528	0.73112
2020-03-29	06:49	23:34	3h25m47s	22°12'22"	46°01'03"	0.489	0.67719

Mars

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2020-03-01	04:36	11:55	18h40m42s	-23°31'08"	61°32'50"	0.909	1.71248
2020-03-08	04:27	11:51	19h01m45s	-23°12'30"	63°43'16"	0.903	1.65509
2020-03-15	04:17	11:48	19h22m44s	-22°43'54"	65°51'26"	0.898	1.59792
2020-03-22	04:05	11:46	19h43m35s	-22°05'39"	67°57'37"	0.892	1.54105
2020-03-29	03:53	11:45	20h04m15s	-21°18'13"	70°02'00"	0.887	1.48461

Jupiter

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2020-03-01	05:08	12:49	19h24m35s	-22°01'15"	51°19'49"	0.994	5.76775
2020-03-08	04:45	12:28	19h29m55s	-21°50'54"	57°05'36"	0.994	5.67595
2020-03-15	04:21	12:06	19h34m54s	-21°40'43"	62°54'47"	0.993	5.57822
2020-03-22	03:57	11:45	19h39m28s	-21°30'56"	68°48'04"	0.992	5.47539
2020-03-29	03:32	11:22	19h43m36s	-21°21'48"	74°45'56"	0.991	5.36845

Saturn

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2020-03-01	05:34	13:36	20h00m57s	-20°33'04"	42°43'54"	0.999	10.75099
2020-03-08	05:08	13:12	20h03m43s	-20°25'35"	49°05'14"	0.999	10.66693
2020-03-15	04:42	12:47	20h06m16s	-20°18'35"	55°27'54"	0.998	10.57444
2020-03-22	04:16	12:23	20h08m35s	-20°12'08"	61°52'24"	0.998	10.47457
2020-03-29	03:50	11:58	20h10m39s	-20°06'22"	68°18'58"	0.998	10.36850

Uranus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2020-03-01	08:27	22:52	2h06m26s	12°18'31"	52°49'18"	1.000	20.39616
2020-03-08	08:00	22:26	2h07m34s	12°24'36"	46°06'02"	1.000	20.48759
2020-03-15	07:33	22:00	2h08m47s	12°31'11"	39°26'00"	1.000	20.56941
2020-03-22	07:06	21:35	2h10m06s	12°38'13"	32°48'48"	1.000	20.64062
2020-03-29	06:39	21:09	2h11m30s	12°45'36"	26°14'23"	1.000	20.70028