

Astronomical Almanac for 2021 May

Blackpool, Lancs

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

Elevation: 10 metres

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
						SR: 04:36
						SS: 19:44
						MR: 00:42
						MS: 07:30
2	3	4	5	6	7	8
SR: 04:34	SR: 04:32	SR: 04:30	SR: 04:28	SR: 04:26	SR: 04:24	SR: 04:22
SS: 19:45	SS: 19:47	SS: 19:49	SS: 19:51	SS: 19:53	SS: 19:54	SS: 19:56
MR: 01:41	MR: 02:22	MR: 02:51	MR: 03:11	MR: 03:27	MR: 03:40	MR: 03:51
MS: 08:37	MS: 09:54	MS: 11:14	MS: 12:33	MS: 13:48	MS: 15:02	MS: 16:13
	LQ: 19:52					
9	10	11	12	13	14	15
SR: 04:20	SR: 04:19	SR: 04:17	SR: 04:15	SR: 04:13	SR: 04:12	SR: 04:10
SS: 19:58	SS: 20:00	SS: 20:01	SS: 20:03	SS: 20:05	SS: 20:06	SS: 20:08
MR: 04:02	MR: 04:14	MR: 04:27	MR: 04:43	MR: 05:04	MR: 05:32	MR: 06:09
MS: 17:24	MS: 18:35	MS: 19:47	MS: 20:59	MS: 22:09	MS: 23:14	MS: None
		NM: 19:02				
16	17	18	19	20	21	22
SR: 04:08	SR: 04:07	SR: 04:05	SR: 04:04	SR: 04:02	SR: 04:01	SR: 03:59
SS: 20:10	SS: 20:11	SS: 20:13	SS: 20:15	SS: 20:16	SS: 20:18	SS: 20:19
MR: 06:59	MR: 08:01	MR: 09:13	MR: 10:31	MR: 11:52	MR: 13:16	MR: 14:41
MS: 00:10	MS: 00:55	MS: 01:29	MS: 01:55	MS: 02:15	MS: 02:31	MS: 02:45
			FQ: 19:13			
23	24	25	26	27	28	29
SR: 03:58	SR: 03:57	SR: 03:55	SR: 03:54	SR: 03:53	SR: 03:52	SR: 03:51
SS: 20:21	SS: 20:22	SS: 20:24	SS: 20:25	SS: 20:27	SS: 20:28	SS: 20:29
MR: 16:09	MR: 17:41	MR: 19:17	MR: 20:51	MR: 22:18	MR: 23:28	MR: None
MS: 02:59	MS: 03:14	MS: 03:32	MS: 03:55	MS: 04:27	MS: 05:13	MS: 06:16
			FM: 11:15			
			LE: 11:22			
30	31					
SR: 03:50	SR: 03:49					
SS: 20:30	SS: 20:32					
MR: 00:19	MR: 00:53					
MS: 07:32	MS: 08:55					

Meteor Showers Report for 2021-05-01 to 2021-05-31

Date	Meteor Shower	ZHR	RA	DEC	Illum. Frac.	Longitude
2021-05-06	eta-Aquarids	35	22h20m	-1°	0.28	45°

Lunar Eclipse Report for 2021

Lunar eclipse on 2021-05-26

Moon rise: 20:51

Moon set: 03:55

Partial phase begins: 09:49

Total phase begins: 11:14

Time of maximum eclipse: 11:22

Total phase ends: 11:30

Partial phase ends: 12:55

Planet View Info Report for 2021-05-01 to 2021-05-31

Mercury

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2021-05-01	04:55	21:15	3h25m32s	20°14'47"	13°22'39"	0.833	1.18815
2021-05-08	04:53	22:03	4h17m16s	23°39'51"	19°05'33"	0.624	1.03803
2021-05-15	04:54	22:26	4h58m32s	25°07'58"	21°50'21"	0.425	0.88090
2021-05-22	04:54	22:21	5h25m47s	25°01'11"	21°11'11"	0.258	0.74139
2021-05-29	04:48	21:50	5h36m44s	23°45'27"	16°49'25"	0.123	0.63318

Venus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2021-05-01	05:00	20:35	3h10m50s	17°25'14"	9°12'51"	0.987	1.69780
2021-05-08	04:51	20:59	3h45m49s	19°47'52"	11°02'32"	0.982	1.68488
2021-05-15	04:45	21:22	4h21m43s	21°44'29"	12°53'03"	0.975	1.66916
2021-05-22	04:43	21:42	4h58m23s	23°11'29"	14°44'14"	0.967	1.65059
2021-05-29	04:45	21:59	5h35m37s	24°05'58"	16°35'47"	0.958	1.62925

Mars

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2021-05-01	07:13	00:38	6h20m06s	24°48'19"	53°43'34"	0.934	2.02086
2021-05-08	07:06	00:27	6h38m49s	24°34'21"	51°12'13"	0.939	2.07676
2021-05-15	07:01	00:15	6h57m31s	24°12'00"	48°42'46"	0.944	2.13055
2021-05-22	06:56	00:02	7h16m07s	23°41'26"	46°15'14"	0.948	2.18204
2021-05-29	06:52	23:45	7h34m35s	23°02'52"	43°49'22"	0.953	2.23118

Jupiter

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2021-05-01	02:46	12:29	22h03m00s	-12°45'25"	72°31'43"	0.991	5.26801
2021-05-08	02:20	12:07	22h06m38s	-12°27'15"	78°22'28"	0.990	5.16130
2021-05-15	01:55	11:44	22h09m50s	-12°11'29"	84°19'03"	0.990	5.05235
2021-05-22	01:28	11:20	22h12m32s	-11°58'20"	90°21'52"	0.990	4.94236
2021-05-29	01:02	10:56	22h14m43s	-11°48'02"	96°31'30"	0.990	4.83256

Saturn

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2021-05-01	02:16	11:00	21h03m03s	-17°26'03"	87°43'42"	0.997	9.97410
2021-05-08	01:49	10:33	21h03m56s	-17°23'17"	94°17'51"	0.997	9.85734
2021-05-15	01:21	10:06	21h04m30s	-17°21'52"	100°55'32"	0.998	9.74155
2021-05-22	00:54	09:39	21h04m45s	-17°21'50"	107°36'38"	0.998	9.62839
2021-05-29	00:27	09:11	21h04m41s	-17°23'10"	114°21'16"	0.998	9.51940

Uranus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2021-05-01	04:40	19:34	2h33m35s	14°38'41"	0°26'05"	1.000	20.76568
2021-05-08	04:14	19:09	2h35m10s	14°46'15"	6°33'13"	1.000	20.75961
2021-05-15	03:47	18:44	2h36m44s	14°53'40"	12°54'46"	1.000	20.74034
2021-05-22	03:20	18:19	2h38m17s	15°00'55"	19°15'41"	1.000	20.70815
2021-05-29	02:53	17:53	2h39m47s	15°07'53"	25°36'08"	1.000	20.66358