

Astronomical Almanac for 2022 January

Blackpool, Lancs

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

Elevation: 10 metres

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
						SR: 08:30
						SS: 16:02
						MR: 07:23
						MS: 14:20
2	3	4	5	6	7	8
SR: 08:30	SR: 08:30	SR: 08:29	SR: 08:29	SR: 08:28	SR: 08:28	SR: 08:27
SS: 16:03	SS: 16:04	SS: 16:05	SS: 16:07	SS: 16:08	SS: 16:09	SS: 16:11
MR: 08:43	MR: 09:43	MR: 10:24	MR: 10:50	MR: 11:09	MR: 11:23	MR: 11:35
MS: 15:17	MS: 16:35	MS: 18:04	MS: 19:34	MS: 21:01	MS: 22:23	MS: 23:41
NM: 18:36		Ear Peri				
9	10	11	12	13	14	15
SR: 08:27	SR: 08:26	SR: 08:25	SR: 08:25	SR: 08:24	SR: 08:23	SR: 08:22
SS: 16:12	SS: 16:14	SS: 16:15	SS: 16:17	SS: 16:18	SS: 16:20	SS: 16:22
MR: 11:46	MR: 11:57	MR: 12:09	MR: 12:23	MR: 12:42	MR: 13:07	MR: 13:42
MS: None	MS: 00:56	MS: 02:10	MS: 03:24	MS: 04:37	MS: 05:49	MS: 06:55
FQ: 18:13						
Ven ICon						
16	17	18	19	20	21	22
SR: 08:21	SR: 08:20	SR: 08:19	SR: 08:17	SR: 08:16	SR: 08:15	SR: 08:14
SS: 16:23	SS: 16:25	SS: 16:27	SS: 16:29	SS: 16:31	SS: 16:32	SS: 16:34
MR: 14:29	MR: 15:28	MR: 16:38	MR: 17:54	MR: 19:12	MR: 20:30	MR: 21:49
MS: 07:53	MS: 08:39	MS: 09:14	MS: 09:39	MS: 09:58	MS: 10:13	MS: 10:26
	FM: 23:51					
23	24	25	26	27	28	29
SR: 08:12	SR: 08:11	SR: 08:10	SR: 08:08	SR: 08:07	SR: 08:05	SR: 08:03
SS: 16:36	SS: 16:38	SS: 16:40	SS: 16:42	SS: 16:44	SS: 16:46	SS: 16:48
MR: 23:08	MR: None	MR: 00:30	MR: 01:56	MR: 03:25	MR: 04:55	MR: 06:19
MS: 10:37	MS: 10:49	MS: 11:02	MS: 11:18	MS: 11:39	MS: 12:10	MS: 12:57
Mer ICon		LQ: 13:43				
30	31					
SR: 08:02	SR: 08:00					
SS: 16:50	SS: 16:52					
MR: 07:27	MR: 08:16					
MS: 14:04	MS: 15:27					

Meteor Showers Report for 2022-01-01 to 2022-01-31

Date	Meteor Shower	ZHR	RA	DEC	Illum. Frac.	Longitude
2022-01-04	Quadrantids	80	15h28m	50°	0.02	283°

Planet View Info Report for 2022-01-01 to 2022-01-31

Mercury

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2022-01-01	09:43	17:24	20h02m45s	-22°18'23"	17°44'53"	0.782	1.14153
2022-01-08	09:28	17:52	20h37m51s	-19°18'34"	19°12'27"	0.565	0.97123
2022-01-15	08:54	17:50	20h49m49s	-16°37'41"	15°32'36"	0.242	0.78865
2022-01-22	07:59	16:59	20h27m04s	-16°01'07"	4°27'18"	0.015	0.67179
2022-01-29	07:07	15:50	19h53m22s	-17°19'18"	12°31'53"	0.103	0.68161

Venus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2022-01-01	08:50	17:20	19h38m31s	-18°35'00"	13°04'54"	0.025	0.27376
2022-01-08	07:58	16:42	19h21m02s	-17°27'51"	4°55'14"	0.003	0.26582
2022-01-15	07:08	16:02	19h03m15s	-16°39'12"	11°16'10"	0.018	0.27224
2022-01-22	06:25	15:25	18h50m31s	-16°13'58"	20°46'42"	0.063	0.29220
2022-01-29	05:53	14:53	18h45m51s	-16°11'03"	28°42'53"	0.124	0.32312

Mars

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2022-01-01	06:29	14:02	16h46m40s	-22°30'07"	27°25'41"	0.978	2.34113
2022-01-08	06:28	13:52	17h08m10s	-23°06'54"	29°34'28"	0.974	2.30365
2022-01-15	06:25	13:43	17h29m57s	-23°32'58"	31°41'11"	0.970	2.26482
2022-01-22	06:22	13:35	17h51m59s	-23°47'51"	33°45'38"	0.966	2.22489
2022-01-29	06:17	13:30	18h14m13s	-23°51'12"	35°47'49"	0.962	2.18398

Jupiter

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2022-01-01	10:45	20:34	22h11m45s	-12°13'23"	49°59'02"	0.994	5.56815
2022-01-08	10:19	20:15	22h17m06s	-11°42'55"	44°15'13"	0.995	5.64845
2022-01-15	09:54	19:56	22h22m41s	-11°10'45"	38°35'41"	0.996	5.72094
2022-01-22	09:29	19:38	22h28m28s	-10°37'04"	33°00'01"	0.997	5.78509
2022-01-29	09:04	19:20	22h34m25s	-10°02'03"	27°27'41"	0.998	5.84042

Saturn

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2022-01-01	10:08	18:45	20h58m38s	-17°59'59"	31°25'51"	0.999	10.76452
2022-01-08	09:42	18:22	21h01m45s	-17°47'10"	25°04'09"	1.000	10.81925
2022-01-15	09:16	17:59	21h04m58s	-17°33'46"	18°44'27"	1.000	10.86223
2022-01-22	08:50	17:36	21h08m15s	-17°19'53"	12°26'41"	1.000	10.89310
2022-01-29	08:25	17:13	21h11m35s	-17°05'38"	6°11'19"	1.000	10.91152

Uranus

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2022-01-01	12:34	03:32	2h34m37s	14°43'35"	120°24'23"	1.000	19.20869
2022-01-08	12:06	03:04	2h34m16s	14°42'11"	113°11'07"	0.999	19.31578
2022-01-15	11:38	02:36	2h34m06s	14°41'34"	106°00'38"	0.999	19.42871
2022-01-22	11:11	02:09	2h34m05s	14°41'44"	98°53'10"	0.999	19.54569
2022-01-29	10:43	01:42	2h34m15s	14°42'43"	91°48'41"	0.999	19.66499

Neptune

Date	Rise	Set	RA	Dec	Elongation	Ill Fr	DIST(AU)
2022-01-01	11:17	22:31	23h27m32s	-4°44'17"	70°08'44"	1.000	30.24008
2022-01-08	10:50	22:05	23h28m01s	-4°40'57"	63°08'39"	1.000	30.35163
2022-01-15	10:23	21:38	23h28m36s	-4°37'04"	56°10'20"	1.000	30.45653
2022-01-22	09:56	21:12	23h29m15s	-4°32'40"	49°13'49"	1.000	30.55335
2022-01-29	09:28	20:45	23h29m59s	-4°27'49"	42°18'56"	1.000	30.64079