

KSIĘZYC

d	Wsch.	Kulm.	Zach.	A _W	A _Z	α	δ	D	F
	λ=0°		φ=50°			0 ^h UT			
MARZEC 2024									
	h m	h m	h m	-°	+°	h m s	° ' "	' "	
1	—	3 59	8 32	—	60	14 29 26	-17 01.3	30.0	-0.75
2	0 31	4 46	8 52	55	53	15 17 59	-21 28.9	30.3	-0.66
3	1 47	5 37	9 21	48	46	16 10 24	-25 04.8	30.6	-0.57
4	3 01	6 33	10 02	43	43	17 06 55	-27 31.1	31.1	-0.46
5	4 06	7 32	10 59	42	42	18 07 01	-28 29.1	31.6	-0.36
6	4 58	8 33	12 14	44	46	19 09 18	-27 44.5	32.1	-0.26
7	5 36	9 34	13 41	50	52	20 11 48	-25 11.4	32.6	-0.16
8	6 04	10 32	15 14	58	62	21 12 47	-20 55.9	33.0	-0.09
9	6 24	11 28	16 46	68	73	22 11 18	-15 15.5	33.3	-0.03
10	6 42	12 21	18 17	80	85	23 07 20	- 8 35.2	33.5	-0.00
11	6 57	13 12	19 47	91	97	0 01 33	- 1 24.1	33.4	0.01
12	7 12	14 04	21 15	102	108	0 54 59	5 48.1	33.2	0.04
13	7 29	14 56	22 44	113	119	1 48 42	12 33.8	32.8	0.10
14	7 49	15 50	—	122	—	2 43 35	18 28.6	32.4	0.18
15	8 16	16 45	0 10	130	128	3 40 05	23 12.3	31.9	0.28
16	8 51	17 42	1 31	135	134	4 38 00	26 30.5	31.3	0.38
17	9 38	18 38	2 41	138	137	5 36 32	28 15.1	30.9	0.48
18	10 37	19 33	3 37	137	137	6 34 22	28 25.5	30.4	0.59
19	11 45	20 24	4 18	133	134	7 30 11	27 08.1	30.1	0.68
20	12 57	21 12	4 47	127	129	8 23 05	24 34.3	29.8	0.77
21	14 09	21 56	5 09	119	122	9 12 45	20 58.0	29.6	0.84
22	15 20	22 38	5 25	111	114	9 59 26	16 33.1	29.5	0.91
23	16 29	23 17	5 38	102	106	10 43 41	11 32.5	29.4	0.95
24	17 38	23 56	5 50	93	97	11 26 18	6 08.0	29.4	0.98
25	18 46	—	6 01	84	88	12 08 08	0 30.4	29.5	1.00
26	19 55	0 35	6 12	75	80	12 50 05	- 5 09.9	29.5	-1.00
27	21 06	1 16	6 24	66	71	13 33 05	-10 41.9	29.7	-0.97
28	22 20	1 58	6 39	57	62	14 18 01	-15 53.8	29.8	-0.93
29	23 36	2 43	6 57	50	55	15 05 46	-20 32.2	30.1	-0.88
30	24 41	3 33	7 22	46	48	15 56 56	-24 21.7	30.3	-0.81
31	0 50	4 26	7 58	45	43	16 51 46	-27 05.7	30.7	-0.72

ostatnia kwadra:	3 III	15 ^h 24 ^m		8 III	5.1 ^h	Mars	3.5°N
nów:	10 III	9 ^h 00 ^m		8 III	17.1 ^h	Wenus	3°N
pierwsza kwadra:	17 III	4 ^h 11 ^m		9 III	17.5 ^h	Saturn	1.5°N
pełnia:	25 III	7 ^h 00 ^m		10 III	19.5 ^h	Neptun	0.5°N
				11 III	2.6 ^h	Merkury	1°N
perygeum:	10 III	7 ^h 04 ^m		14 III	1.1 ^h	Jowisz	4°S
apogeum:	23 III	15 ^h 43 ^m		14 III	11.6 ^h	Uran	3°S