

KSIĘZYC

d	Wsch.	Kulm.	Zach.	A _W	A _Z	α	δ	D	F
	λ=0°		φ=50°			0 ^h UT			
MARZEC 2016									
	h m	h m	h m	-°	+°	h m s	° ' "	' "	
1	0 38	5 29	10 17	65	64	15 55 44	-15 20.8	29.8	-0.59
2	1 35	6 17	10 57	62	62	16 45 49	-17 04.7	30.1	-0.50
3	2 31	7 08	11 44	61	61	17 37 46	-18 02.8	30.5	-0.40
4	3 22	8 00	12 39	61	61	18 31 30	-18 08.0	30.9	-0.30
5	4 09	8 53	13 41	63	64	19 26 44	-17 15.1	31.4	-0.21
6	4 52	9 48	14 51	66	68	20 23 02	-15 21.9	31.9	-0.13
7	5 30	10 43	16 05	71	74	21 19 58	-12 30.7	32.4	-0.06
8	6 04	11 38	17 23	78	81	22 17 07	- 8 49.1	32.8	-0.02
9	6 37	12 34	18 42	85	88	23 14 19	- 4 30.0	33.1	-0.00
10	7 09	13 29	20 02	92	96	0 11 33	0 09.2	33.2	0.01
11	7 41	14 25	21 21	100	103	1 08 56	4 48.3	33.2	0.05
12	8 15	15 21	22 38	106	110	2 06 36	9 07.4	33.0	0.12
13	8 52	16 17	23 51	112	115	3 04 35	12 48.4	32.7	0.21
14	9 34	17 13	—	116	—	4 02 43	15 37.6	32.3	0.31
15	10 22	18 09	0 58	118	118	5 00 38	17 26.2	31.9	0.42
16	11 15	19 03	1 57	119	119	5 57 46	18 11.0	31.5	0.53
17	12 13	19 55	2 49	118	118	6 53 36	17 53.6	31.1	0.64
18	13 13	20 46	3 32	115	116	7 47 40	16 39.7	30.7	0.73
19	14 16	21 33	4 09	110	112	8 39 45	14 37.3	30.4	0.82
20	15 19	22 19	4 41	105	108	9 29 51	11 55.6	30.1	0.89
21	16 22	23 04	5 10	100	102	10 18 10	8 44.5	29.9	0.94
22	17 24	23 47	5 35	94	97	11 05 04	5 13.5	29.7	0.98
23	18 26	—	6 00	88	91	11 50 59	1 31.8	29.6	1.00
24	19 28	0 30	6 24	82	85	12 36 22	- 2 11.9	29.5	-1.00
25	20 29	1 12	6 49	76	79	13 21 44	- 5 49.2	29.4	-0.98
26	21 29	1 55	7 15	71	74	14 07 30	- 9 12.2	29.4	-0.94
27	22 29	2 40	7 44	67	69	14 54 06	-12 13.3	29.5	-0.89
28	23 27	3 25	8 16	63	65	15 41 52	-14 45.0	29.6	-0.83
29	—	4 12	8 53	—	62	16 31 00	-16 40.1	29.8	-0.75
30	0 22	5 00	9 37	61	61	17 21 38	-17 51.9	30.1	-0.66
31	1 14	5 50	10 27	61	61	18 13 42	-18 14.3	30.4	-0.57

ostatnia kwadra:	1 III	23 ^h 11 ^m	2 III	6.6 ^h	Saturn	4°S
nów:	9 III	1 ^h 55 ^m	7 III	10.9 ^h	Wenus	4°S
pierwsza kwadra:	15 III	17 ^h 03 ^m	8 III	5.2 ^h	Merkury	4°S
pełnia:	23 III	12 ^h 01 ^m	8 III	12.5 ^h	Neptun	2°S
ostatnia kwadra:	31 III	15 ^h 17 ^m	11 III	0.6 ^h	Uran	2°N
			22 III	4.1 ^h	Jowisz	2°N
perygeum:	10 III	7 ^h 03 ^m	28 III	18.7 ^h	Mars	4°S
apogeum:	25 III	14 ^h 17 ^m	29 III	14.7 ^h	Saturn	4°S