

KSIEŻYC

d	Wsch.	Kulm.	Zach.	A _W	A _Z	α	δ	D	F
	λ=0°		φ=50°			0 ^h UT			
MAJ 2016									
	h m	h m	h m	-°	+°	h m s	° ' "	' "	
1	1 57	7 11	12 32	72	74	21 32 59	-11 55.3	31.7	-0.41
2	2 30	8 03	13 46	78	81	22 27 08	- 8 15.6	32.2	-0.30
3	3 00	8 56	15 02	84	88	23 21 51	- 4 01.3	32.6	-0.20
4	3 31	9 50	16 21	92	96	0 17 32	0 34.1	33.0	-0.12
5	4 03	10 46	17 42	99	103	1 14 31	5 13.6	33.3	-0.05
6	4 37	11 43	19 02	106	110	2 13 06	9 37.1	33.4	-0.01
7	5 16	12 42	20 19	112	115	3 13 15	13 23.6	33.3	0.00
8	6 01	13 42	21 30	117	118	4 14 29	16 14.4	33.1	0.02
9	6 52	14 42	22 33	119	119	5 15 57	17 56.9	32.7	0.07
10	7 49	15 39	23 26	119	118	6 16 30	18 26.6	32.3	0.14
11	8 51	16 34	—	117	—	7 15 03	17 47.2	31.7	0.23
12	9 56	17 26	0 10	114	115	8 10 54	16 08.1	31.2	0.33
13	11 01	18 15	0 47	109	111	9 03 49	13 41.6	30.8	0.43
14	12 05	19 00	1 18	104	106	9 54 00	10 40.1	30.3	0.53
15	13 08	19 44	1 45	98	101	10 41 57	7 14.7	30.0	0.63
16	14 11	20 27	2 10	92	95	11 28 15	3 35.1	29.7	0.72
17	15 12	21 09	2 34	86	89	12 13 36	- 0 10.3	29.6	0.80
18	16 13	21 52	2 58	80	83	12 58 37	- 3 53.8	29.5	0.87
19	17 14	22 35	3 22	74	77	13 43 56	- 7 28.0	29.4	0.93
20	18 15	23 20	3 49	69	72	14 30 03	-10 45.2	29.5	0.97
21	19 15	—	4 19	65	68	15 17 23	-13 37.6	29.6	0.99
22	20 13	0 06	4 53	62	64	16 06 08	-15 56.9	29.7	-1.00
23	21 08	0 54	5 32	60	61	16 56 22	-17 35.4	29.9	-0.99
24	21 59	1 43	6 17	60	60	17 47 54	-18 26.4	30.1	-0.96
25	22 44	2 34	7 10	62	61	18 40 23	-18 24.8	30.3	-0.91
26	23 25	3 24	8 08	65	63	19 33 24	-17 28.5	30.6	-0.84
27	—	4 15	9 12	—	67	20 26 33	-15 38.3	30.9	-0.76
28	0 00	5 06	10 19	69	72	21 19 36	-12 57.8	31.3	-0.66
29	0 33	5 57	11 30	75	78	22 12 31	- 9 33.3	31.6	-0.56
30	1 03	6 48	12 44	81	85	23 05 32	- 5 33.9	32.0	-0.45
31	1 32	7 39	13 59	88	92	23 59 04	- 1 10.7	32.4	-0.34

nów:	6 V	19 ^h 29 ^m	2 V	11.5 ^h	Neptun	2°S
pierwsza kwadra:	13 V	17 ^h 02 ^m	5 V	3.0 ^h	Uran	2°N
pełnia:	21 V	21 ^h 15 ^m	6 V	3.8 ^h	Wenus	3°N
ostatnia kwadra:	29 V	12 ^h 12 ^m	7 V	0.1 ^h	Merkury	5°N
			15 V	9.6 ^h	Jowisz	2°N
			21 V	20.5 ^h	Mars	6°S
perygeum:	6 V	4 ^h 15 ^m	22 V	21.4 ^h	Saturn	3°S
apogeum:	18 V	22 ^h 07 ^m	29 V	19.2 ^h	Neptun	1°S