

KSIĘŻYC

d	Wsch.	Kulm.	Zach.	A _w	A _z	α	δ	D	F
	λ=0°		φ=50°			0 ^h UT			
WRZESIEŃ 2015									
	h m	h m	h m	-°	+°	h m s	° ' "	' "	
1	20 10	2 02	8 38	101	97	0 36 46	3 06.3	33.2	-0.93
2	20 44	2 57	9 56	107	104	1 33 51	7 32.4	32.9	-0.85
3	21 21	3 52	11 11	112	110	2 30 45	11 25.5	32.5	-0.76
4	22 02	4 47	12 21	116	115	3 27 28	14 32.1	32.1	-0.66
5	22 48	5 41	13 25	118	118	4 23 52	16 43.3	31.6	-0.55
6	23 40	6 35	14 22	119	119	5 19 37	17 55.1	31.2	-0.44
7	—	7 27	15 12	—	118	6 14 19	18 07.5	30.8	-0.34
8	0 35	8 17	15 54	118	116	7 07 35	17 23.9	30.4	-0.24
9	1 34	9 06	16 30	115	113	7 59 11	15 50.6	30.1	-0.16
10	2 34	9 53	17 02	111	108	8 49 01	13 35.0	29.9	-0.10
11	3 36	10 38	17 30	106	103	9 37 11	10 45.5	29.7	-0.05
12	4 37	11 21	17 55	101	97	10 23 58	7 30.8	29.5	-0.02
13	5 39	12 04	18 20	95	92	11 09 42	3 59.5	29.5	-0.00
14	6 40	12 46	18 43	89	86	11 54 50	0 19.8	29.4	0.00
15	7 41	13 29	19 08	83	80	12 39 50	- 3 20.1	29.4	0.03
16	8 42	14 12	19 34	77	75	13 25 11	- 6 52.3	29.5	0.07
17	9 43	14 56	20 03	72	70	14 11 23	-10 09.1	29.6	0.12
18	10 43	15 42	20 35	67	66	14 58 51	-13 02.5	29.8	0.19
19	11 43	16 30	21 13	64	63	15 47 55	-15 24.3	30.0	0.27
20	12 40	17 20	21 57	62	61	16 38 50	-17 06.4	30.3	0.36
21	13 35	18 12	22 49	61	61	17 31 40	-18 00.9	30.7	0.46
22	14 25	19 05	23 49	62	63	18 26 15	-18 00.7	31.2	0.57
23	15 10	20 00	—	65	—	19 22 17	-17 00.9	31.7	0.67
24	15 50	20 56	0 57	69	66	20 19 19	-14 59.7	32.2	0.77
25	16 27	21 52	2 10	75	71	21 16 55	-12 00.0	32.7	0.86
26	17 00	22 48	3 27	82	78	22 14 46	- 8 10.4	33.1	0.93
27	17 33	23 44	4 47	89	85	23 12 43	- 3 44.5	33.4	0.98
28	18 05	—	6 09	97	93	0 10 48	0 59.0	33.5	1.00
29	18 39	0 41	7 29	104	101	1 09 05	5 38.9	33.4	-0.99
30	19 16	1 38	8 48	110	108	2 07 39	9 54.3	33.1	-0.95

ostatnia kwadra:	5 IX	9 ^h 54 ^m		1 IX 16.0 ^h	Uran 1°N
nów:	13 IX	6 ^h 41 ^m		10 IX 5.9 ^h	Wenus 3°S
pierwsza kwadra:	21 IX	8 ^h 59 ^m		10 IX 23.3 ^h	Mars 5°N
pełnia:	28 IX	2 ^h 50 ^m		12 IX 6.2 ^h	Jowisz 3°N
				15 IX 6.3 ^h	Merkury 5°S
				19 IX 2.5 ^h	Saturn 3°S
apogeum:	14 IX	11 ^h 29 ^m		26 IX 10.0 ^h	Neptun 3°S
perigeum:	28 IX	1 ^h 47 ^m		29 IX 0.9 ^h	Uran 1°N