

KSIĘZYC

d	Wsch.	Kulm.	Zach.	A _w	A _z	α	δ	D	F
	λ=0°		φ=50°			0 ^h UT			
WRZESIEŃ 2010									
	h m	h m	h m	-°	+°	h m s	° ' "	' "	
1	21 44	5 19	13 46	130	129	3 47 31	23 19.8	30.7	-0.58
2	22 40	6 14	14 46	130	131	4 44 04	24 38.9	31.2	-0.47
3	23 49	7 12	15 37	127	129	5 42 56	24 36.5	31.7	-0.37
4	—	8 10	16 18	—	124	6 43 01	23 05.0	32.2	-0.26
5	1 08	9 08	16 51	122	117	7 43 02	20 04.2	32.6	-0.17
6	2 33	10 05	17 18	114	109	8 42 01	15 42.7	33.0	-0.09
7	4 00	11 00	17 42	104	99	9 39 34	10 17.2	33.3	-0.03
8	5 28	11 54	18 03	94	89	10 35 48	4 10.4	33.5	-0.00
9	6 54	12 47	18 25	84	79	11 31 17	- 2 11.8	33.4	0.01
10	8 20	13 41	18 48	74	70	12 26 42	- 8 22.6	33.2	0.04
11	9 45	14 35	19 15	65	62	13 22 42	-13 57.2	32.8	0.10
12	11 06	15 31	19 48	57	55	14 19 35	-18 34.6	32.3	0.18
13	12 22	16 27	20 28	52	51	15 17 17	-21 59.4	31.8	0.27
14	13 27	17 22	21 17	49	49	16 15 11	-24 02.8	31.3	0.37
15	14 21	18 17	22 15	50	50	17 12 24	-24 42.7	30.8	0.48
16	15 03	19 08	23 19	52	54	18 07 58	-24 03.6	30.4	0.58
17	15 35	19 57	—	57	—	19 01 11	-22 14.3	30.0	0.67
18	16 01	20 43	0 25	63	59	19 51 42	-19 26.0	29.8	0.76
19	16 22	21 26	1 33	69	65	20 39 39	-15 50.7	29.6	0.84
20	16 40	22 08	2 40	77	72	21 25 26	-11 39.7	29.5	0.90
21	16 57	22 48	3 46	84	80	22 09 38	- 7 03.7	29.4	0.95
22	17 13	23 28	4 51	92	88	22 52 59	- 2 12.5	29.4	0.98
23	17 29	—	5 57	100	96	23 36 11	2 44.1	29.5	1.00
24	17 47	0 09	7 04	107	104	0 20 01	7 36.3	29.6	-0.99
25	18 07	0 52	8 12	114	111	1 05 11	12 13.6	29.7	-0.97
26	18 32	1 37	9 21	121	118	1 52 22	16 24.5	29.9	-0.94
27	19 03	2 24	10 30	126	124	2 42 04	19 56.5	30.2	-0.88
28	19 43	3 15	11 36	129	128	3 34 32	22 36.4	30.4	-0.81
29	20 34	4 08	12 37	130	130	4 29 37	24 11.4	30.8	-0.72
30	21 36	5 04	13 30	128	129	5 26 43	24 30.5	31.1	-0.62

ostatnia kwadra:	1 IX	17 ^h 22 ^m	7 IX	22.2 ^h	Merkury	2°N
nów:	8 IX	10 ^h 30 ^m	9 IX	22.1 ^h	Saturn	8°N
pierwsza kwadra:	15 IX	5 ^h 50 ^m	11 IX	8.4 ^h	Mars	5°N
pełnia:	23 IX	9 ^h 17 ^m	11 IX	13.2 ^h	Wenus	0.3°N
			20 IX	16.3 ^h	Neptun	5°S
perygeum:	8 IX	4 ^h 02 ^m	23 IX	10.8 ^h	Jowisz	7°S
apogeum:	21 IX	8 ^h 04 ^m	23 IX	10.9 ^h	Uran	6°S