KSIĘŻYC

d	Wsch.	Kulm.	Zach.	A_W	A_Z	α	δ	D	F
	λ=0°		φ=50°			0^{h}UT			
WRZESIEŃ 2009									
	h m	h m	h m	–°	+°	h m s	° '	'	
1	17 24	22 00	1 37	61	57	20 01 13	-20 40.3	29.5	0.88
2	17 43	22 44	2 46	68	64	20 48 49	-16 50.8	29.6	0.93
3	17 59	23 26	3 55	76	72	21 34 45	-12 19.8	29.7	0.97
4	18 14	——	5 05	85	80	22 19 33	- 7 17.7	29.9	1.00
5	18 28	0 07	6 14	93	89	23 03 55	- 1 55.4	30.1	-1.00
6	18 43	0 49	7 25	102	98	23 48 38	3 35.6	30.3	-0.98
7	19 01	1 33	8 38	111	107	0 34 35	9 03.0	30.5	-0.94
8	19 22	2 18	9 53	119	116	1 22 40	14 12.7	30.8	-0.89
9	19 49	3 07	11 10	125	123	2 13 40	18 48.8	31.1	-0.81
10	20 25	4 00	12 27	131	129	3 08 10	22 33.5	31.4	-0.72
11	21 13	4 57	13 38	133	133	4 06 13	25 08.1	31.7	-0.62
12	22 17	5 57	14 40	132	133	5 07 10	26 15.5	32.0	-0.51
13	23 34	6 58	15 29	128	130	6 09 35	25 44.4	32.3	-0.40
14	——	7 58	16 07	—	124	7 11 40	23 32.7	32.5	-0.29
15	0 58	8 56	16 35	121	116	8 11 57	19 48.8	32.7	-0.19
16	2 25	9 51	16 57	112	107	9 09 38	14 50.0	32.8	-0.11
17	3 51	10 43	17 17	102	97	10 04 45	8 58.7	32.8	-0.04
18	5 15	11 33	17 35	92	87	10 57 51	2 39.6	32.7	-0.01
19	6 38	12 22	17 53	81	77	11 49 47	- 3 43.2	32.4	0.00
20	7 59	13 12	18 12	72	68	12 41 26	- 9 47.3	32.0	0.02
21	9 19	14 02	18 35	63	60	13 33 33	-15 13.1	31.6	0.07
22	10 37	14 54	19 03	55	53	14 26 35	-19 44.5	31.2	0.13
23	11 49	15 46	19 38	50	49	15 20 37	-23 09.0	30.7	0.21
24	12 54	16 39	20 22	47	47	16 15 18	-25 18.7	30.3	0.29
25	13 47	17 31	21 16	47	47	17 09 58	-26 10.4	30.0	0.39
26	14 29	18 21	22 18	49	50	18 03 44	-25 45.6	29.8	0.48
27	15 02	19 09	23 24	53	55	18 55 54	-24 09.6	29.6	0.58
28	15 27	19 55	——	59	—	19 46 03	-21 30.6	29.5	0.67
29	15 47	20 39	0 32	66	61	20 34 09	-17 57.8	29.6	0.75
30	16 05	21 22	1 41	73	69	21 20 28	-13 40.8	29.7	0.83

pełnia:	4 IX	16^{h}02^m
III kwadra:	12 IX	2^{h}16^m
nów:	18 IX	18^{h}44^m
I kwadra:	26 IX	4^{h}50^m
perygeum	16 IX	7^{h}57^m
apogeum	28 IX	3^{h}34^m

2 IX	21.4^h	Jowisz	3ºS
3 IX	7.2^h	Neptun	3ºS
5 IX	21.2^h	Uran	6ºS
13 IX	16.1^h	Mars	1ºS
16 IX	18.2^h	Wenus	3ºN
18 IX	21.9^h	Saturn	7ºN
19 IX	0.7^h	Merkury	1ºN
30 IX	21.4^h	Neptun	5ºS