KSIĘŻYC

d	Wsch.	Kulm.	Zach.	A_W	A_Z	α	δ	D	F
	λ=0°		φ=50°			0^hUT			
LUTY 2009									
	h m	h m	h m	–°	+°	h m s	° '	'	
1	9 24	16 44	——	111	—	0 57 34	11 29.3	31.1	0.29
2	9 45	17 35	0 23	120	117	1 48 02	16 44.5	31.5	0.40
3	10 12	18 31	1 44	127	125	2 42 19	21 16.7	31.9	0.50
4	10 50	19 31	3 06	132	131	3 40 57	24 44.0	32.2	0.62
5	11 43	20 35	4 21	135	135	4 43 36	26 43.5	32.6	0.72
6	12 54	21 39	5 24	133	134	5 48 47	26 56.8	32.8	0.82
7	14 17	22 41	6 12	128	130	6 54 11	25 16.6	33.0	0.90
8	15 47	23 40	6 46	120	123	7 57 27	21 50.6	33.1	0.96
9	17 16	——	7 12	110	114	8 57 11	16 59.4	33.0	0.99
10	18 41	0 33	7 32	100	104	9 53 04	11 10.4	32.7	-1.00
11	20 03	1 24	7 49	89	94	10 45 40	4 51.8	32.4	-0.97
12	21 22	2 11	8 05	79	84	11 35 57	- 1 31.5	31.9	-0.92
13	22 39	2 58	8 20	69	75	12 24 57	- 7 38.9	31.4	-0.86
14	23 55	3 44	8 38	61	66	13 13 41	-13 14.4	30.9	-0.78
15	——	4 31	8 58	—	58	14 02 55	-18 05.1	30.5	-0.68
16	1 08	5 19	9 23	54	52	14 53 13	-22 00.6	30.1	-0.59
17	2 18	6 09	9 55	49	47	15 44 45	-24 52.6	29.8	-0.49
18	3 20	6 59	10 36	45	45	16 37 19	-26 34.6	29.6	-0.40
19	4 13	7 50	11 28	45	45	17 30 23	-27 02.9	29.5	-0.31
20	4 56	8 40	12 29	47	48	18 23 11	-26 17.0	29.5	-0.22
21	5 29	9 29	13 36	51	53	19 14 57	-24 19.8	29.6	-0.15
22	5 54	10 16	14 47	57	59	20 05 10	-21 17.4	29.7	-0.09
23	6 15	11 02	15 59	64	67	20 53 42	-17 18.6	29.9	-0.04
24	6 31	11 45	17 12	72	76	21 40 43	-12 33.5	30.1	-0.01
25	6 46	12 29	18 24	81	85	22 26 43	- 7 13.4	30.4	-0.00
26	7 01	13 12	19 38	90	95	23 12 24	- 1 30.8	30.6	0.01
27	7 15	13 56	20 53	99	105	23 58 37	4 21.1	30.9	0.04
28	7 32	14 43	22 12	108	114	0 46 18	10 07.5	31.2	0.09

I kwadra:	2 II	23^h13^m
pełnia:	9 II	14^h49^m
III kwadra:	16 II	21^h37^m
nów:	25 II	1^h35^m
perygeum:	7 II	20^h09^m
apogeum:	19 II	17^h01^m

11 II	20.0^h	Saturn	6ºN
22 II	22.2^h	Merkury	1ºS
23 II	1.1^h	Jowisz	1ºS
23 II	7.9^h	Mars	2ºS
24 II	3.4^h	Neptun	2ºS
26 II	9.7^h	Uran	5ºS
27 II	23.1^h	Wenus	1ºN