

KSIEŻYC

d	Wsch.	Kulm.	Zach.	A _w	A _z	α	δ	D	F
	λ=0°		φ=50°			0 ^h UT			
MAJ 2010									
	h m	h m	h m	-°	+°	h m s	° ' "	' "	
1	23 12	2 09	6 02	49	49	16 39 40	-24 52.4	31.0	-0.93
2	23 57	3 04	6 58	51	49	17 36 45	-24 59.7	30.6	-0.86
3	—	3 57	8 02	—	52	18 31 52	-23 48.7	30.3	-0.79
4	0 31	4 46	9 09	55	57	19 24 15	-21 30.3	30.0	-0.70
5	0 57	5 33	10 17	61	63	20 13 46	-18 17.0	29.7	-0.61
6	1 19	6 17	11 24	68	70	21 00 40	-14 21.1	29.6	-0.52
7	1 37	6 58	12 31	75	78	21 45 35	- 9 53.7	29.6	-0.42
8	1 53	7 39	13 38	83	86	22 29 19	- 5 04.3	29.6	-0.33
9	2 08	8 20	14 45	91	95	23 12 44	- 0 01.8	29.8	-0.25
10	2 24	9 02	15 53	99	103	23 56 46	5 05.0	30.0	-0.17
11	2 42	9 45	17 04	107	111	0 42 20	10 05.7	30.3	-0.10
12	3 02	10 32	18 18	114	119	1 30 21	14 47.8	30.6	-0.05
13	3 27	11 23	19 32	121	125	2 21 32	18 56.2	30.9	-0.01
14	4 00	12 17	20 44	127	129	3 16 15	22 13.2	31.2	-0.00
15	4 44	13 15	21 49	130	131	4 14 18	24 20.5	31.6	0.01
16	5 40	14 14	22 44	131	130	5 14 43	25 03.0	31.8	0.05
17	6 49	15 13	23 26	128	125	6 15 53	24 12.4	32.0	0.10
18	8 06	16 11	23 59	123	119	7 16 07	21 50.5	32.2	0.18
19	9 27	17 05	—	116	—	8 14 14	18 08.5	32.3	0.28
20	10 49	17 57	0 25	107	111	9 09 46	13 23.3	32.3	0.39
21	12 10	18 46	0 47	98	102	10 03 02	7 54.5	32.3	0.50
22	13 30	19 35	1 07	88	93	10 54 46	2 01.8	32.3	0.62
23	14 50	20 24	1 26	78	83	11 45 56	- 3 55.7	32.2	0.72
24	16 10	21 15	1 46	69	74	12 37 30	- 9 39.3	32.0	0.82
25	17 30	22 07	2 08	61	66	13 30 19	-14 50.7	31.8	0.90
26	18 47	23 01	2 35	54	58	14 24 53	-19 12.2	31.6	0.95
27	19 58	23 57	3 09	50	53	15 21 11	-22 28.0	31.3	0.99
28	21 00	—	3 52	49	49	16 18 37	-24 26.2	31.0	-1.00
29	21 50	0 52	4 45	50	49	17 16 02	-25 01.5	30.7	-0.99
30	22 28	1 46	5 46	53	51	18 12 09	-24 15.8	30.4	-0.96
31	22 58	2 38	6 53	59	55	19 05 54	-22 17.8	30.1	-0.91

ostatnia kwadra:	6 V	4 ^h 15 ^m	7 V	9.8 ^h	Neptun	4°S
nów:	14 V	1 ^h 04 ^m	9 V	17.8 ^h	Jowisz	7°S
pierwsza kwadra:	20 V	23 ^h 43 ^m	10 V	1.1 ^h	Uran	6°S
pełnia:	27 V	23 ^h 07 ^m	12 V	16.7 ^h	Merkury	8°S
			16 V	10.3 ^h	Wenus	0.1°S
apogeum:	6 V	21 ^h 54 ^m	20 V	11.9 ^h	Mars	5°N
peryeum:	20 V	8 ^h 40 ^m	23 V	4.8 ^h	Saturn	8°N