

KSIEZYC

d	Wsch.	Kulm.	Zach.	A _w	A _z	α	δ	D	F
	λ=0°		φ=50°			0 ^h UT			
MARZEC 2022									
	h m	h m	h m	-°	+°	h m s	° ' "	' "	
1	6 45	11 17	15 59	59	62	21 26 39	-20 16.9	32.3	-0.04
2	7 08	12 09	17 22	68	72	22 22 44	-15 28.6	32.1	-0.01
3	7 27	12 57	18 42	77	82	23 15 13	- 9 55.5	31.8	0.00
4	7 43	13 43	19 58	87	91	0 04 49	- 4 00.6	31.4	0.02
5	7 58	14 27	21 12	96	101	0 52 29	1 56.5	31.0	0.06
6	8 14	15 11	22 25	105	110	1 39 11	7 39.5	30.6	0.12
7	8 31	15 56	23 37	113	118	2 25 49	12 55.3	30.3	0.19
8	8 50	16 41	—	120	—	3 13 11	17 32.8	30.0	0.28
9	9 15	17 29	0 48	127	125	4 01 49	21 22.3	29.7	0.37
10	9 46	18 18	1 55	131	130	4 52 02	24 15.0	29.6	0.46
11	10 26	19 08	2 58	134	133	5 43 47	26 03.1	29.6	0.55
12	11 16	19 59	3 52	134	134	6 36 39	26 40.5	29.6	0.65
13	12 17	20 50	4 37	131	132	7 29 55	26 03.9	29.7	0.73
14	13 25	21 40	5 12	127	128	8 22 50	24 13.3	30.0	0.81
15	14 38	22 28	5 40	120	123	9 14 45	21 12.5	30.3	0.88
16	15 53	23 15	6 02	112	115	10 05 24	17 08.9	30.6	0.94
17	17 10	—	6 20	103	107	10 54 49	12 12.6	30.9	0.98
18	18 27	0 01	6 37	93	98	11 43 28	6 36.4	31.3	1.00
19	19 45	0 47	6 53	83	88	12 32 01	0 35.0	31.6	-0.99
20	21 06	1 34	7 09	73	78	13 21 21	- 5 34.7	31.9	-0.96
21	22 30	2 23	7 27	63	69	14 12 24	-11 33.6	32.1	-0.91
22	23 54	3 15	7 50	55	60	15 06 03	-17 00.8	32.2	-0.84
23	—	4 11	8 19	—	53	16 02 56	-21 33.8	32.3	-0.75
24	1 16	5 10	8 58	49	47	17 03 02	-24 50.9	32.3	-0.64
25	2 30	6 11	9 51	46	45	18 05 32	-26 34.2	32.3	-0.53
26	3 30	7 13	10 59	46	47	19 08 46	-26 33.7	32.2	-0.41
27	4 15	8 12	12 17	50	52	20 10 47	-24 50.7	32.1	-0.31
28	4 48	9 09	13 39	56	59	21 10 00	-21 36.9	32.0	-0.21
29	5 12	10 01	15 01	64	68	22 05 43	-17 10.9	31.8	-0.12
30	5 32	10 49	16 20	73	77	22 58 01	-11 54.4	31.6	-0.06
31	5 48	11 35	17 37	83	87	23 47 32	- 6 08.0	31.3	-0.02

nów:	2 III	17 ^h 45 ^m	2 III	18.6 ^h	Jowisz	4°N
pierwsza kwadra:	10 III	10 ^h 45 ^m	3 III	9.1 ^h	Neptun	4°N
pełnia:	18 III	7 ^h 18 ^m	7 III	6.2 ^h	Uran	0.8°N
ostatnia kwadra:	25 III	5 ^h 37 ^m	28 III	3.0 ^h	Mars	4°N
			28 III	9.9 ^h	Wenus	7°N
apogeum:	10 III	23 ^h 04 ^m	30 III	19.2 ^h	Neptun	4°N
peryeum:	23 III	23 ^h 43 ^m	30 III	21.4 ^h	Jowisz	2°N