KSIĘŻYC

d	Wsch.	Kulm.	Zach.	A_W	A_Z	α	δ	D	F
	λ=0°		φ=50°			0^hUT			
WRZESIEŃ 2021									
	h m	h m	h m	–°	+°	h m s	° '	'	
1	23 35	7 22	15 59	133	132	5 48 01	25 14.1	29.7	-0.34
2	—	8 13	16 49	—	132	6 41 33	25 52.2	30.0	-0.25
3	0 32	9 06	17 31	131	129	7 36 05	25 15.1	30.2	-0.17
4	1 39	9 58	18 04	128	124	8 30 45	23 20.9	30.6	-0.10
5	2 53	10 50	18 30	122	117	9 24 46	20 12.3	31.0	-0.05
6	4 11	11 40	18 52	114	109	10 17 38	15 57.5	31.3	-0.01
7	5 30	12 29	19 11	105	100	11 09 19	10 48.5	31.7	-0.00
8	6 49	13 17	19 29	95	90	12 00 12	5 01.1	32.0	0.01
9	8 10	14 06	19 47	85	80	12 50 58	- 1 06.8	32.2	0.05
10	9 32	14 56	20 06	75	71	13 42 28	- 7 15.4	32.4	0.11
11	10 56	15 48	20 30	65	62	14 35 37	-13 03.5	32.4	0.19
12	12 20	16 44	20 59	57	55	15 31 09	-18 09.4	32.4	0.29
13	13 41	17 42	21 38	51	49	16 29 26	-22 11.9	32.4	0.40
14	14 55	18 43	22 29	47	47	17 30 09	-24 52.2	32.2	0.52
15	15 55	19 43	23 33	47	48	18 32 13	-25 57.5	32.1	0.63
16	16 42	20 42	—	50	—	19 33 58	-25 23.9	31.9	0.73
17	17 17	21 37	0 47	56	52	20 33 43	-23 17.3	31.7	0.83
18	17 43	22 28	2 05	63	59	21 30 22	-19 52.2	31.5	0.90
19	18 04	23 16	3 24	71	66	22 23 32	-15 27.2	31.2	0.95
20	18 21	—	4 40	80	75	23 13 31	-10 21.9	30.9	0.99
21	18 37	0 01	5 53	89	84	0 01 01	- 4 54.3	30.6	-1.00
22	18 52	0 44	7 05	98	93	0 46 52	0 39.4	30.4	-0.99
23	19 08	1 26	8 15	106	102	1 31 57	6 05.7	30.1	-0.96
24	19 25	2 09	9 25	114	110	2 17 05	11 12.5	29.9	-0.91
25	19 46	2 52	10 34	120	118	3 03 00	15 49.2	29.7	-0.85
26	20 11	3 37	11 42	126	124	3 50 20	19 45.7	29.6	-0.78
27	20 43	4 24	12 48	130	129	4 39 26	22 52.5	29.5	-0.69
28	21 25	5 13	13 50	133	132	5 30 25	25 00.6	29.6	-0.60
29	22 17	6 04	14 43	133	133	6 23 02	26 02.0	29.7	-0.51
30	23 19	6 55	15 28	130	131	7 16 42	25 50.9	30.0	-0.41

nów:	7 IX	0^h52^m	7 IX	16.4^h	Mars 4°S
pierwsza kwadra:	13 IX	20^h40^m	8 IX	20.4^h	Merkury 6.5ºS
pełnia:	20 IX	23^h55^m	10 IX	2.2^h	Wenus 4ºS
ostatnia kwadra:	29 IX	1^h57^m	17 IX	2.6^h	Saturn 4ºN
			18 IX	6.9^h	Jowisz 4ºN
perygeum:	11 IX	10^h02^m	20 IX	8.8^h	Neptun 4ºN
apogeum:	26 IX	21^h45^m	24 IX	16.2^h	Uran 1.3ºN