

KSIĘŻYC

d	Wsch.	Kulm.	Zach.	A _w	A _z	α	δ	D	F
	λ=0°		φ=50°			0 ^h UT			
WRZESIEŃ 2025									
	h m	h m	h m	-°	+°	h m s	° ' "	' "	
1	15 35	19 00	22 23	42	42	17 00 51	-28 02.7	29.8	0.57
2	16 26	19 54	23 24	42	43	17 55 56	-28 37.2	30.1	0.67
3	17 05	20 48	—	46	—	18 52 06	-27 46.3	30.4	0.76
4	17 34	21 41	0 37	53	48	19 48 07	-25 27.9	30.8	0.84
5	17 56	22 32	1 57	61	55	20 43 01	-21 46.2	31.2	0.91
6	18 13	23 22	3 20	70	64	21 36 19	-16 51.0	31.7	0.96
7	18 28	—	4 44	81	75	22 28 05	-10 56.8	32.1	0.99
8	18 42	0 10	6 08	91	86	23 18 56	- 4 22.0	32.4	-1.00
9	18 57	0 59	7 33	102	97	0 09 45	2 32.5	32.6	-0.98
10	19 13	1 48	9 00	113	108	1 01 36	9 23.3	32.7	-0.93
11	19 34	2 40	10 29	122	119	1 55 36	15 45.5	32.7	-0.86
12	20 02	3 36	11 59	131	128	2 52 31	21 13.7	32.6	-0.77
13	20 41	4 35	13 25	136	135	3 52 38	25 23.4	32.5	-0.66
14	21 35	5 36	14 39	138	138	4 55 14	27 54.9	32.2	-0.55
15	22 44	6 38	15 37	136	137	5 58 41	28 37.1	32.0	-0.44
16	—	7 38	16 18	—	132	7 00 48	27 30.8	31.7	-0.33
17	0 03	8 34	16 46	131	126	7 59 49	24 48.0	31.4	-0.23
18	1 24	9 25	17 07	123	117	8 54 49	20 47.6	31.1	-0.15
19	2 43	10 12	17 22	114	109	9 45 49	15 50.6	30.8	-0.08
20	4 00	10 56	17 35	104	99	10 33 28	10 17.0	30.5	-0.03
21	5 13	11 38	17 47	95	90	11 18 42	4 24.2	30.3	-0.01
22	6 24	12 18	17 59	85	81	12 02 31	- 1 33.0	30.0	0.00
23	7 35	12 59	18 11	76	72	12 45 54	- 7 21.5	29.8	0.01
24	8 46	13 41	18 25	67	63	13 29 47	-12 49.5	29.7	0.05
25	9 58	14 24	18 42	58	56	14 14 59	-17 45.7	29.5	0.09
26	11 10	15 10	19 04	51	49	15 02 08	-21 59.2	29.5	0.16
27	12 19	15 59	19 34	46	44	15 51 38	-25 18.6	29.5	0.23
28	13 24	16 50	20 15	42	42	16 43 32	-27 33.3	29.6	0.31
29	14 18	17 43	21 09	42	42	17 37 22	-28 33.5	29.7	0.41
30	15 01	18 36	22 16	44	46	18 32 20	-28 12.6	30.0	0.50

pełnia:	7 IX	18 ^h 09 ^m	8 IX 20.4 ^h	Saturn	4°S
ostatnia kwadra:	14 IX	10 ^h 33 ^m	8 IX 22.5 ^h	Neptun	3°S
nów:	21 IX	19 ^h 54 ^m	13 IX 1.9 ^h	Uran	5°S
pierwsza kwadra:	29 IX	23 ^h 54 ^m	16 IX 11.1 ^h	Jowisz	5°S
			19 IX 11.8 ^h	Wenus	0.8°S
perygeum:	10 IX	12 ^h 09 ^m	22 IX 14.3 ^h	Merkury	3°N
apogeum:	26 IX	9 ^h 46 ^m	24 IX 14.9 ^h	Mars	4°N