

WENUS

M d 2024	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	ΔI
	$\lambda=0$		$\varphi=50$		0 ^h UT					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	4 53	9 23	13 52	61	15 58.8	- 18 30	14.3	0.78	-4.1	-38
8	5 13	9 32	13 50	58	16 39.4	- 20 25	13.7	0.80	-4.0	-36
16	5 31	9 42	13 52	56	17 21.0	- 21 44	13.2	0.82	-4.0	-34
24	5 46	9 53	13 59	54	18 03.4	- 22 25	12.8	0.84	-4.0	-33
II 1	5 57	10 04	14 11	55	18 46.1	- 22 23	12.3	0.86	-4.0	-31
9	6 03	10 15	14 27	56	19 28.6	- 21 38	12.0	0.87	-4.0	-29
17	6 05	10 25	14 46	59	20 10.6	- 20 12	11.7	0.89	-3.9	-27
25	6 02	10 35	15 08	62	20 51.6	- 18 08	11.4	0.90	-3.9	-26
III 4	5 56	10 43	15 31	67	21 31.5	- 15 31	11.1	0.92	-3.9	-24
12	5 47	10 50	15 55	72	22 10.3	- 12 27	10.9	0.93	-3.9	-22
20	5 36	10 56	16 18	77	22 48.1	- 9 00	10.6	0.94	-3.9	-20
28	5 23	11 02	16 42	83	23 25.1	- 5 18	10.5	0.95	-3.9	-18
IV 5	5 09	11 07	17 05	89	0 01.6	- 1 27	10.3	0.96	-3.9	-16
13	4 56	11 11	17 29	95	0 37.9	2 28	10.1	0.97	-3.9	-14
21	4 42	11 16	17 52	101	1 14.3	6 21	10.0	0.98	-3.9	-12
29	4 29	11 22	18 16	107	1 51.2	10 04	9.9	0.99	-3.9	-10
V 7	4 17	11 28	18 41	113	2 28.9	13 34	9.8	0.99	-3.9	-8
15	4 07	11 35	19 05	118	3 07.6	16 42	9.8	1.00	-3.9	-6
23	4 00	11 44	19 29	122	3 47.4	19 23	9.7	1.00	-3.9	-3
31	3 56	11 53	19 51	126	4 28.4	21 32	9.7	1.00	-3.9	-1
VI 8	3 57	12 04	20 11	129	5 10.5	23 01	9.7	1.00	-3.9	1
16	4 03	12 15	20 27	130	5 53.2	23 49	9.7	1.00	-3.9	3
24	4 14	12 26	20 38	130	6 36.2	23 52	9.8	1.00	-3.9	5
VII 2	4 30	12 38	20 44	128	7 19.0	23 09	9.8	0.99	-3.9	8
10	4 50	12 48	20 45	126	8 01.1	21 43	9.9	0.99	-3.9	10
18	5 13	12 58	20 41	122	8 42.2	19 38	10.0	0.98	-3.9	12
26	5 37	13 06	20 33	117	9 22.0	16 56	10.1	0.97	-3.9	14
VIII 3	6 01	13 13	20 23	112	10 00.6	13 46	10.3	0.96	-3.9	16
11	6 26	13 19	20 10	106	10 38.0	10 12	10.5	0.95	-3.9	18
19	6 50	13 23	19 56	100	11 14.5	6 21	10.7	0.93	-3.9	21
27	7 14	13 28	19 41	94	11 50.4	2 19	10.9	0.92	-3.9	23
IX 4	7 37	13 32	19 25	87	12 25.9	- 1 48	11.2	0.91	-3.9	25
12	8 01	13 36	19 09	81	13 01.6	- 5 53	11.5	0.89	-3.9	27
20	8 25	13 40	18 55	75	13 37.6	- 9 52	11.8	0.87	-3.9	29
28	8 50	13 46	18 41	69	14 14.4	- 13 37	12.2	0.86	-3.9	31
X 6	9 15	13 52	18 29	63	14 52.2	- 17 02	12.6	0.84	-4.0	32
14	9 39	14 00	18 20	58	15 31.2	- 20 01	13.1	0.82	-4.0	34
22	10 03	14 08	18 14	54	16 11.5	- 22 27	13.6	0.80	-4.0	36
30	10 24	14 18	18 12	51	16 52.7	- 24 14	14.2	0.78	-4.0	38
XI 7	10 41	14 29	18 16	49	17 34.8	- 25 19	14.8	0.75	-4.0	39
15	10 54	14 40	18 25	49	18 17.1	- 25 37	15.5	0.73	-4.1	41
23	11 01	14 50	18 39	50	18 59.0	- 25 09	16.3	0.70	-4.1	42
XII 1	11 02	14 59	18 57	52	19 39.9	- 23 56	17.3	0.68	-4.2	43
9	10 57	15 07	19 18	56	20 19.4	- 22 02	18.3	0.65	-4.2	45
17	10 48	15 13	19 39	60	20 56.9	- 19 31	19.5	0.62	-4.3	46
25	10 34	15 17	20 00	65	21 32.4	- 16 31	21.0	0.59	-4.3	46
2025 I 2	10 18	15 18	20 19	71	22 05.6	- 13 09	22.6	0.55	-4.4	47