

### WENUS

M d 2025	Wsch.	Kulm.	Zach.	A	$\alpha$	$\delta$	D	F	V	$\Delta I$
	$\lambda=0$		$\varphi=50$		0 <sup>h</sup> UT					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	10 22	15 18	20 14	69	21 57.5	- 14 01	22.2	0.56	-4.4	47
8	10 04	15 18	20 33	75	22 29.0	- 10 27	24.1	0.52	-4.4	47
16	9 43	15 15	20 48	81	22 58.0	- 6 42	26.3	0.48	-4.5	47
24	9 19	15 10	21 01	87	23 24.3	- 2 56	29.0	0.43	-4.5	46
II 1	8 53	15 01	21 10	92	23 47.5	0 46	32.2	0.38	-4.6	45
9	8 24	14 48	21 13	98	0 06.8	4 13	36.1	0.32	-4.6	43
17	7 52	14 31	21 10	102	0 21.0	7 15	40.8	0.26	-4.6	39
25	7 16	14 06	20 56	106	0 28.5	9 37	46.2	0.18	-4.6	34
III 5	6 37	13 33	20 29	108	0 27.4	10 59	52.0	0.11	-4.5	27
13	5 55	12 51	19 46	108	0 17.3	10 57	57.2	0.05	-4.3	18
21	5 16	11 57	18 49	105	0 00.8	9 23	59.9	0.01	-4.1	9
29	4 41	11 15	17 48	101	23 44.2	6 44	58.7	0.02	-4.1	-12
IV 6	4 13	10 34	16 54	97	23 34.1	3 59	54.3	0.07	-4.4	-22
14	3 50	10 02	16 14	94	23 33.3	1 57	48.4	0.14	-4.5	-30
22	3 32	9 39	15 47	92	23 41.4	0 58	42.5	0.21	-4.5	-36
30	3 15	9 23	15 31	92	23 56.6	1 00	37.4	0.28	-4.5	-40
V 8	3 00	9 12	15 25	94	0 16.7	1 52	33.0	0.34	-4.5	-43
16	2 45	9 04	15 25	96	0 40.5	3 23	29.5	0.40	-4.4	-45
24	2 30	8 59	15 29	99	1 07.0	5 21	26.5	0.45	-4.4	-46
VI 1	2 16	8 57	15 38	103	1 35.6	7 39	24.1	0.50	-4.3	-46
9	2 02	8 55	15 49	107	2 05.8	10 06	22.0	0.54	-4.3	-46
17	1 50	8 56	16 03	111	2 37.7	12 36	20.3	0.58	-4.2	-45
25	1 39	8 58	16 17	115	3 11.2	15 01	18.9	0.61	-4.1	-44
VII 3	1 30	9 01	16 33	119	3 46.2	17 14	17.7	0.65	-4.1	-43
11	1 24	9 06	16 49	122	4 22.6	19 08	16.6	0.68	-4.1	-42
19	1 21	9 13	17 04	124	5 00.4	20 37	15.7	0.71	-4.0	-41
27	1 23	9 20	17 18	126	5 39.4	21 36	14.9	0.73	-4.0	-39
VIII 4	1 28	9 28	17 28	126	6 19.2	22 00	14.2	0.76	-4.0	-37
12	1 39	9 37	17 35	126	6 59.5	21 47	13.6	0.79	-4.0	-36
20	1 53	9 46	17 39	124	7 39.9	20 56	13.1	0.81	-4.0	-34
28	2 11	9 55	17 38	122	8 20.1	19 28	12.6	0.83	-4.0	-32
IX 5	2 31	10 03	17 33	118	8 59.7	17 24	12.2	0.85	-4.0	-30
13	2 53	10 10	17 26	114	9 38.6	14 48	11.8	0.87	-3.9	-28
21	3 15	10 16	17 16	109	10 16.7	11 46	11.5	0.89	-3.9	-26
29	3 39	10 22	17 05	103	10 54.0	8 21	11.2	0.91	-3.9	-25
X 7	4 02	10 28	16 52	97	11 30.9	4 41	11.0	0.92	-3.9	-23
15	4 25	10 33	16 39	91	12 07.5	0 50	10.8	0.94	-3.9	-21
23	4 49	10 38	16 25	85	12 44.1	- 3 04	10.6	0.95	-3.9	-19
31	5 13	10 43	16 12	79	13 21.0	- 6 56	10.4	0.96	-3.9	-17
XI 8	5 38	10 49	16 00	74	13 58.6	- 10 39	10.3	0.97	-3.9	-15
16	6 03	10 56	15 49	68	14 37.2	- 14 07	10.2	0.98	-3.9	-13
24	6 28	11 05	15 41	63	15 16.9	- 17 12	10.1	0.98	-3.9	-11
XII 2	6 52	11 14	15 36	59	15 57.9	- 19 48	10.0	0.99	-3.9	-9
10	7 15	11 25	15 35	55	16 40.1	- 21 48	9.9	0.99	-3.9	-7
18	7 35	11 37	15 38	53	17 23.4	- 23 08	9.9	1.00	-3.9	-5
26	7 51	11 49	15 47	52	18 07.2	- 23 42	9.9	1.00	-3.9	-3
2026 I 3	8 01	12 01	16 02	53	18 51.2	- 23 30	9.8	1.00	-3.9	-1