

WENUS

M d 2022	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	8 31	12 59	17 27	61	19 40.6	- 18 46	60.9	0.03	-4.3	14
8	7 33	12 08	16 43	63	19 21.0	- 17 28	63.3	0.00	-4.0	5
16	6 37	11 16	15 56	65	19 01.0	- 16 34	61.3	0.02	-4.3	-13
24	5 51	10 33	15 15	65	18 48.3	- 16 11	56.1	0.08	-4.5	-23
II 1	5 18	10 00	14 42	65	18 46.4	- 16 15	49.6	0.15	-4.6	-32
9	4 57	9 38	14 18	64	18 54.8	- 16 33	43.5	0.22	-4.6	-37
17	4 44	9 23	14 02	64	19 11.3	- 16 52	38.2	0.29	-4.6	-41
25	4 36	9 14	13 53	64	19 33.9	- 16 58	33.7	0.35	-4.6	-44
III 5	4 30	9 10	13 50	64	20 00.9	- 16 42	30.1	0.41	-4.5	-46
13	4 24	9 08	13 53	65	20 30.9	- 15 59	27.1	0.45	-4.5	-46
21	4 18	9 09	14 00	68	21 02.7	- 14 47	24.6	0.50	-4.4	-47
29	4 11	9 10	14 10	70	21 35.7	- 13 06	22.6	0.54	-4.3	-46
IV 6	4 02	9 12	14 24	74	22 09.2	- 10 57	20.8	0.58	-4.3	-46
14	3 51	9 15	14 39	78	22 43.0	- 8 24	19.3	0.61	-4.2	-45
22	3 39	9 17	14 55	82	23 16.9	- 5 30	18.1	0.64	-4.1	-44
30	3 27	9 19	15 13	87	23 50.8	- 2 22	17.0	0.67	-4.1	-43
V 8	3 13	9 22	15 31	93	0 24.9	0 57	16.0	0.70	-4.1	-41
16	3 00	9 25	15 50	98	0 59.2	4 20	15.2	0.73	-4.0	-40
24	2 47	9 28	16 10	103	1 34.1	7 42	14.4	0.75	-4.0	-38
VI 1	2 35	9 32	16 31	108	2 09.6	10 57	13.8	0.78	-4.0	-37
9	2 24	9 37	16 52	113	2 46.1	14 00	13.2	0.80	-3.9	-35
17	2 15	9 43	17 13	118	3 23.7	16 45	12.7	0.82	-3.9	-33
25	2 08	9 50	17 33	122	4 02.4	19 05	12.3	0.84	-3.9	-31
VII 3	2 06	9 59	17 53	125	4 42.3	20 56	11.9	0.86	-3.9	-29
11	2 07	10 08	18 10	127	5 23.2	22 11	11.5	0.88	-3.9	-27
19	2 13	10 18	18 24	128	6 04.9	22 48	11.2	0.90	-3.9	-25
27	2 24	10 29	18 33	128	6 46.9	22 44	11.0	0.92	-3.9	-23
VIII 4	2 40	10 39	18 38	126	7 28.8	21 57	10.7	0.93	-3.9	-21
12	2 59	10 49	18 38	124	8 10.3	20 30	10.5	0.94	-3.9	-19
20	3 20	10 58	18 35	120	8 50.9	18 25	10.4	0.96	-3.9	-17
28	3 44	11 06	18 28	115	9 30.6	15 47	10.2	0.97	-3.9	-15
IX 5	4 08	11 13	18 18	110	10 09.3	12 40	10.1	0.98	-3.9	-13
13	4 32	11 20	18 06	105	10 47.0	9 11	10.0	0.98	-3.9	-11
21	4 56	11 25	17 53	99	11 24.1	5 25	9.9	0.99	-3.9	-8
29	5 20	11 30	17 39	92	12 00.8	1 28	9.9	0.99	-3.9	-6
X 7	5 44	11 35	17 25	86	12 37.3	- 2 32	9.8	1.00	-3.9	-4
15	6 09	11 40	17 11	80	13 14.2	- 6 31	9.8	1.00	-3.9	-2
23	6 33	11 46	16 58	74	13 51.6	- 10 21	9.8	1.00	-3.9	-1
31	6 59	11 53	16 47	68	14 29.9	- 13 55	9.8	1.00	-3.9	2
XI 8	7 24	12 01	16 38	63	15 09.4	- 17 08	9.8	1.00	-3.9	4
16	7 49	12 11	16 32	59	15 50.1	- 19 52	9.9	0.99	-3.9	6
24	8 12	12 21	16 30	55	16 32.2	- 22 00	9.9	0.99	-3.9	8
XII 2	8 33	12 33	16 32	52	17 15.3	- 23 28	10.0	0.99	-3.9	10
10	8 50	12 45	16 40	51	17 59.1	- 24 10	10.1	0.98	-3.9	12
18	9 01	12 58	16 54	52	18 43.1	- 24 04	10.2	0.97	-3.9	14
26	9 07	13 10	17 12	53	19 26.8	- 23 12	10.4	0.97	-3.9	16
2023 I 3	9 08	13 21	17 34	56	20 09.5	- 21 34	10.5	0.96	-3.9	18