

WENUS

M d 2011	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	3 58	8 47	13 36	67	15 24.5	- 15 03	27.6	0.45	-4.5	-47
8	4 08	8 48	13 26	64	15 56.3	- 16 50	25.1	0.50	-4.4	-47
16	4 20	8 50	13 20	61	16 30.5	- 18 28	23.0	0.54	-4.4	-47
24	4 33	8 55	13 17	59	17 06.6	- 19 48	21.3	0.58	-4.3	-46
II 1	4 44	9 01	13 18	57	17 44.3	- 20 44	19.8	0.61	-4.3	-45
9	4 54	9 09	13 23	57	18 23.2	- 21 08	18.5	0.64	-4.2	-45
17	5 01	9 17	13 33	57	19 02.8	- 20 57	17.4	0.67	-4.2	-43
25	5 04	9 25	13 46	59	19 42.6	- 20 10	16.4	0.70	-4.1	-42
III 5	5 04	9 33	14 02	61	20 22.2	- 18 46	15.6	0.73	-4.1	-41
13	5 01	9 41	14 21	64	21 01.4	- 16 48	14.8	0.75	-4.0	-39
21	4 54	9 47	14 42	68	21 39.7	- 14 20	14.1	0.77	-4.0	-38
29	4 45	9 53	15 03	73	22 17.3	- 11 26	13.6	0.80	-4.0	-36
IV 6	4 34	9 59	15 24	78	22 54.1	- 8 11	13.0	0.82	-4.0	-34
14	4 22	10 03	15 46	84	23 30.3	- 4 41	12.6	0.84	-3.9	-32
22	4 08	10 08	16 08	90	0 06.1	- 1 01	12.2	0.86	-3.9	-31
30	3 55	10 12	16 30	95	0 41.9	2 43	11.8	0.87	-3.9	-29
V 8	3 41	10 16	16 52	101	1 17.8	6 25	11.4	0.89	-3.9	-27
16	3 29	10 21	17 15	107	1 54.3	9 59	11.1	0.91	-3.9	-25
24	3 17	10 27	17 38	112	2 31.5	13 20	10.9	0.92	-3.9	-23
VI 1	3 07	10 34	18 01	117	3 09.8	16 21	10.7	0.93	-3.9	-21
9	3 00	10 42	18 24	122	3 49.2	18 57	10.5	0.95	-3.9	-19
17	2 57	10 51	18 46	125	4 29.8	21 02	10.3	0.96	-3.9	-16
25	2 58	11 01	19 05	128	5 11.4	22 30	10.1	0.97	-3.9	-14
VII 3	3 03	11 12	19 20	129	5 53.7	23 17	10.0	0.98	-3.9	-12
11	3 14	11 23	19 32	129	6 36.4	23 21	9.9	0.98	-3.9	-10
19	3 30	11 34	19 38	128	7 19.0	22 42	9.8	0.99	-3.9	-8
27	3 49	11 44	19 39	125	8 01.0	21 19	9.8	1.00	-3.9	-6
VIII 4	4 11	11 54	19 36	121	8 42.2	19 17	9.7	1.00	-3.9	-4
12	4 35	12 02	19 29	117	9 22.2	16 40	9.7	1.00	-3.9	-2
20	4 59	12 10	19 19	112	10 01.1	13 34	9.7	1.00	-3.9	-2
28	5 24	12 16	19 07	106	10 39.0	10 03	9.8	1.00	-3.9	3
IX 5	5 48	12 21	18 53	100	11 16.0	6 15	9.8	1.00	-3.9	6
13	6 12	12 26	18 39	94	11 52.5	2 16	9.9	0.99	-3.9	8
21	6 37	12 31	18 24	87	12 28.8	- 1 48	9.9	0.99	-3.9	10
29	7 01	12 36	18 10	81	13 05.2	- 5 51	10.0	0.98	-3.9	12
X 7	7 26	12 41	17 56	75	13 42.1	- 9 47	10.2	0.97	-3.9	14
15	7 51	12 48	17 43	69	14 19.9	- 13 28	10.3	0.96	-3.9	16
23	8 16	12 55	17 33	64	14 58.7	- 16 49	10.5	0.95	-3.9	18
31	8 41	13 04	17 26	59	15 38.9	- 19 42	10.7	0.94	-3.9	20
XI 8	9 05	13 14	17 22	55	16 20.3	- 22 02	10.9	0.93	-3.9	22
16	9 27	13 25	17 23	52	17 02.8	- 23 41	11.1	0.92	-3.9	24
24	9 44	13 37	17 29	50	17 46.2	- 24 36	11.4	0.91	-3.9	26
XII 2	9 57	13 49	17 41	50	18 29.9	- 24 43	11.6	0.89	-3.9	27
10	10 04	14 01	17 58	52	19 13.3	- 24 03	12.0	0.88	-3.9	29
18	10 05	14 12	18 18	54	19 55.9	- 22 36	12.3	0.86	-4.0	31
26	10 02	14 21	18 42	58	20 37.3	- 20 27	12.7	0.84	-4.0	33
2012 I 3	9 54	14 30	19 06	63	21 17.2	- 17 41	13.1	0.82	-4.0	34