

WENUS

M d 2018	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	ΔI
	$\lambda=0$		$\varphi=50$		0^hUT					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	7 55	11 54	15 53	52	18 31.7	- 23 40	9.8	1.00	-3.9	-2
8	8 03	12 06	16 10	54	19 15.5	- 23 02	9.8	1.00	-3.9	-1
16	8 06	12 18	16 30	56	19 58.7	- 21 38	9.8	1.00	-3.9	2
24	8 04	12 28	16 54	60	20 40.7	- 19 33	9.8	1.00	-3.9	4
II 1	7 57	12 37	17 18	64	21 21.5	- 16 52	9.9	1.00	-3.9	6
9	7 48	12 45	17 43	70	22 00.9	- 13 41	9.9	0.99	-3.9	7
17	7 36	12 52	18 08	75	22 39.2	- 10 06	10.0	0.99	-3.9	9
25	7 23	12 58	18 33	82	23 16.4	- 6 13	10.1	0.98	-3.9	11
III 5	7 09	13 03	18 58	88	23 53.0	- 2 11	10.2	0.97	-3.9	13
13	6 54	13 07	19 22	94	0 29.2	1 56	10.3	0.97	-3.9	15
21	6 39	13 12	19 47	101	1 05.5	6 01	10.4	0.96	-3.9	17
29	6 24	13 17	20 11	107	1 42.2	9 57	10.6	0.95	-3.9	19
IV 6	6 11	13 23	20 36	113	2 19.5	13 38	10.8	0.93	-3.9	21
14	6 00	13 30	21 01	118	2 57.8	16 58	11.0	0.92	-3.9	23
22	5 51	13 38	21 26	123	3 37.2	19 51	11.3	0.90	-3.9	25
30	5 45	13 47	21 49	127	4 17.7	22 11	11.6	0.89	-3.9	27
V 8	5 44	13 57	22 10	130	4 59.2	23 51	11.9	0.87	-3.9	29
16	5 48	14 07	22 27	132	5 41.3	24 49	12.3	0.85	-4.0	31
24	5 58	14 18	22 38	132	6 23.5	25 02	12.7	0.83	-4.0	33
VI 1	6 12	14 28	22 44	131	7 05.3	24 30	13.2	0.80	-4.0	34
9	6 30	14 38	22 44	128	7 46.1	23 14	13.8	0.78	-4.0	36
17	6 51	14 45	22 39	125	8 25.6	21 18	14.5	0.75	-4.0	38
25	7 12	14 52	22 30	120	9 03.6	18 48	15.2	0.72	-4.0	39
VII 3	7 34	14 56	22 17	115	9 39.8	15 49	16.1	0.69	-4.1	41
11	7 55	14 59	22 02	110	10 14.2	12 26	17.1	0.66	-4.1	42
19	8 15	15 00	21 44	104	10 47.1	8 47	18.2	0.63	-4.1	44
27	8 33	15 00	21 25	98	11 18.5	4 57	19.6	0.59	-4.2	45
VIII 4	8 51	14 58	21 05	92	11 48.4	1 02	21.2	0.56	-4.2	45
12	9 06	14 55	20 43	86	12 17.1	- 2 53	23.0	0.52	-4.3	46
20	9 21	14 51	20 20	80	12 44.4	- 6 43	25.2	0.47	-4.3	46
28	9 33	14 45	19 56	74	13 10.0	- 10 23	27.9	0.43	-4.4	46
IX 5	9 42	14 37	19 31	68	13 33.6	- 13 45	31.1	0.38	-4.5	44
13	9 47	14 26	19 04	64	13 54.3	- 16 46	34.9	0.32	-4.5	43
21	9 46	14 10	18 34	60	14 10.9	- 19 16	39.6	0.26	-4.6	39
29	9 35	13 49	18 02	57	14 21.4	- 21 05	45.1	0.19	-4.6	35
X 7	9 10	13 19	17 28	55	14 23.8	- 21 58	51.3	0.12	-4.5	28
15	8 29	12 40	16 52	56	14 16.9	- 21 34	57.2	0.05	-4.3	19
23	7 31	11 54	16 17	60	14 02.3	- 19 41	61.1	0.01	-4.1	9
31	6 26	11 06	15 47	65	13 45.6	- 16 39	61.4	0.01	-4.1	-9
XI 8	5 27	10 23	15 21	70	13 34.0	- 13 28	57.8	0.05	-4.4	-19
16	4 41	9 50	14 59	73	13 31.4	- 11 07	52.1	0.12	-4.6	-28
24	4 11	9 25	14 40	75	13 38.1	- 9 58	46.0	0.19	-4.6	-35
XII 2	3 53	9 09	14 23	75	13 52.3	- 9 56	40.4	0.27	-4.7	-40
10	3 46	8 57	14 08	74	14 12.5	- 10 46	35.7	0.33	-4.6	-43
18	3 47	8 51	13 54	71	14 37.0	- 12 11	31.8	0.39	-4.6	-45
26	3 52	8 47	13 42	69	15 05.1	- 13 55	28.5	0.44	-4.5	-46
2019 I 3	4 02	8 47	13 31	66	15 36.0	- 15 47	25.9	0.48	-4.5	-47