

MARS

M d 2025	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	17 29	1 42	9 49	129	8 21.8	23 26	14.2	0.99	-1.2	-157
8	16 40	0 59	9 12	131	8 10.1	24 19	14.5	1.00	-1.3	-168
16	15 49	0 14	8 33	132	7 56.6	25 06	14.5	1.00	-1.4	-176
24	15 00	23 23	7 52	133	7 43.2	25 43	14.3	1.00	-1.3	168
II 1	14 15	22 41	7 12	134	7 31.4	26 05	13.7	0.99	-1.1	158
9	13 34	22 01	6 33	134	7 22.6	26 14	12.9	0.97	-0.8	148
17	12 58	21 25	5 56	134	7 17.4	26 11	12.1	0.96	-0.6	139
25	12 27	20 52	5 21	134	7 15.9	25 59	11.3	0.94	-0.4	130
III 5	11 59	20 23	4 50	133	7 17.8	25 41	10.5	0.93	-0.2	123
13	11 36	19 57	4 20	133	7 22.7	25 18	9.7	0.92	0.0	116
21	11 16	19 33	3 53	132	7 30.2	24 49	9.0	0.91	0.2	110
29	10 58	19 11	3 27	131	7 39.8	24 14	8.4	0.91	0.4	104
IV 6	10 42	18 51	3 02	129	7 51.1	23 34	7.9	0.90	0.5	99
14	10 29	18 32	2 38	128	8 03.7	22 48	7.4	0.90	0.7	94
22	10 17	18 15	2 15	126	8 17.5	21 56	7.0	0.90	0.8	89
30	10 06	17 58	1 52	125	8 32.0	20 56	6.6	0.90	0.9	85
V 8	9 57	17 42	1 29	123	8 47.3	19 50	6.3	0.90	1.0	81
16	9 48	17 26	1 06	121	9 03.1	18 37	6.0	0.90	1.1	77
24	9 40	17 10	0 43	118	9 19.2	17 17	5.8	0.91	1.2	74
VI 1	9 33	16 55	0 20	116	9 35.7	15 51	5.5	0.91	1.3	70
9	9 27	16 41	23 54	113	9 52.4	14 19	5.3	0.91	1.3	67
17	9 21	16 26	23 30	110	10 09.3	12 41	5.1	0.92	1.4	64
25	9 16	16 12	23 07	108	10 26.4	10 57	5.0	0.92	1.5	61
VII 3	9 10	15 57	22 44	105	10 43.6	9 08	4.8	0.93	1.5	58
11	9 06	15 43	22 20	102	11 01.0	7 15	4.7	0.93	1.5	55
19	9 01	15 29	21 57	99	11 18.5	5 18	4.6	0.94	1.6	52
27	8 57	15 15	21 33	95	11 36.2	3 18	4.5	0.94	1.6	49
VIII 4	8 53	15 02	21 10	92	11 54.1	1 16	4.4	0.95	1.6	46
12	8 50	14 48	20 47	89	12 12.3	- 0 48	4.3	0.95	1.6	44
20	8 47	14 35	20 24	86	12 30.7	- 2 54	4.2	0.95	1.6	41
28	8 44	14 23	20 01	83	12 49.5	- 4 59	4.2	0.96	1.6	38
IX 5	8 42	14 10	19 39	79	13 08.6	- 7 04	4.1	0.96	1.6	36
13	8 40	13 58	19 17	76	13 28.2	- 9 07	4.1	0.97	1.6	33
21	8 38	13 47	18 55	73	13 48.3	- 11 08	4.0	0.97	1.6	31
29	8 37	13 36	18 34	70	14 08.9	- 13 05	4.0	0.98	1.6	28
X 7	8 37	13 26	18 14	67	14 30.1	- 14 56	3.9	0.98	1.5	26
15	8 37	13 16	17 55	64	14 51.9	- 16 42	3.9	0.98	1.5	24
23	8 37	13 07	17 37	61	15 14.3	- 18 19	3.9	0.99	1.5	21
31	8 37	12 59	17 20	59	15 37.5	- 19 48	3.9	0.99	1.5	19
XI 8	8 37	12 51	17 05	57	16 01.3	- 21 06	3.9	0.99	1.4	17
16	8 37	12 44	16 51	55	16 25.7	- 22 13	3.9	0.99	1.4	14
24	8 36	12 38	16 39	53	16 50.8	- 23 06	3.9	0.99	1.4	12
XII 2	8 34	12 32	16 29	52	17 16.4	- 23 44	3.9	1.00	1.3	10
10	8 31	12 26	16 22	51	17 42.5	- 24 07	3.9	1.00	1.3	8
18	8 26	12 21	16 16	51	18 08.9	- 24 13	3.9	1.00	1.3	6
26	8 20	12 16	16 12	52	18 35.5	- 24 02	3.9	1.00	1.2	4
2026 I 3	8 12	12 11	16 11	52	19 02.2	- 23 35	3.9	1.00	1.2	2