

### SATURN

M d 2022	Wsch.	Kulm.	Zach.	A	$\alpha$	$\delta$	D	b/a	V	$\Delta I$
	$\lambda=0$		$\varphi=50$		0 <sup>h</sup> UT					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	9 45	14 17	18 49	62	20 58.0	- 18 02	15.4	0.30	0.8	32
8	9 16	13 49	18 23	62	21 01.5	- 17 48	15.3	0.30	0.9	25
16	8 47	13 22	17 57	63	21 05.2	- 17 32	15.3	0.29	0.9	18
24	8 18	12 54	17 30	63	21 09.0	- 17 16	15.2	0.28	0.9	11
II 1	7 48	12 26	17 04	64	21 12.8	- 17 00	15.2	0.28	0.9	4
9	7 19	11 59	16 38	64	21 16.7	- 16 43	15.2	0.27	1.0	-4
17	6 50	11 31	16 12	65	21 20.5	- 16 27	15.2	0.27	1.0	-11
25	6 21	11 03	15 46	65	21 24.2	- 16 10	15.3	0.26	1.0	-18
III 5	5 52	10 35	15 19	66	21 27.9	- 15 54	15.3	0.25	1.0	-25
13	5 22	10 07	14 53	66	21 31.3	- 15 38	15.4	0.25	1.0	-32
21	4 53	9 39	14 26	66	21 34.7	- 15 23	15.5	0.24	1.1	-39
29	4 23	9 11	13 59	67	21 37.8	- 15 08	15.7	0.24	1.1	-47
IV 6	3 53	8 42	13 31	67	21 40.6	- 14 55	15.8	0.23	1.1	-54
14	3 23	8 13	13 04	67	21 43.2	- 14 44	16.0	0.23	1.1	-61
22	2 53	7 44	12 35	68	21 45.5	- 14 33	16.2	0.22	1.1	-68
30	2 23	7 15	12 06	68	21 47.5	- 14 25	16.4	0.22	1.0	-75
V 8	1 52	6 45	11 37	68	21 49.1	- 14 18	16.6	0.22	1.0	-83
16	1 22	6 15	11 07	68	21 50.3	- 14 13	16.8	0.21	1.0	-90
24	0 51	5 44	10 37	68	21 51.2	- 14 10	17.1	0.21	1.0	-98
VI 1	0 20	5 13	10 06	68	21 51.6	- 14 09	17.3	0.21	0.9	-105
9	23 45	4 41	9 34	68	21 51.6	- 14 11	17.5	0.21	0.9	-113
17	23 13	4 10	9 02	68	21 51.3	- 14 14	17.7	0.21	0.9	-121
25	22 41	3 37	8 29	68	21 50.5	- 14 20	18.0	0.22	0.8	-129
VII 3	22 09	3 05	7 56	68	21 49.4	- 14 27	18.1	0.22	0.8	-136
11	21 37	2 32	7 22	68	21 47.9	- 14 36	18.3	0.22	0.7	-144
19	21 05	1 59	6 48	67	21 46.1	- 14 46	18.5	0.23	0.7	-153
27	20 32	1 25	6 14	67	21 44.1	- 14 58	18.6	0.23	0.6	-161
VIII 4	20 00	0 52	5 39	67	21 41.9	- 15 10	18.6	0.23	0.6	-169
12	19 27	0 18	5 04	66	21 39.6	- 15 22	18.7	0.24	0.6	-177
20	18 55	23 40	4 29	66	21 37.3	- 15 34	18.7	0.24	0.5	174
28	18 22	23 06	3 55	66	21 35.0	- 15 46	18.6	0.25	0.5	166
IX 5	17 49	22 33	3 20	65	21 32.8	- 15 57	18.5	0.25	0.5	158
13	17 17	21 59	2 46	65	21 30.8	- 16 07	18.4	0.26	0.5	150
21	16 44	21 26	2 12	65	21 29.1	- 16 15	18.3	0.26	0.5	141
29	16 12	20 53	1 38	65	21 27.7	- 16 21	18.1	0.26	0.5	133
X 7	15 40	20 21	1 06	65	21 26.6	- 16 26	17.9	0.26	0.5	125
15	15 08	19 49	0 33	65	21 26.0	- 16 29	17.7	0.26	0.5	117
23	14 36	19 17	0 01	65	21 25.8	- 16 29	17.4	0.26	0.5	109
31	14 05	18 46	23 26	65	21 26.0	- 16 28	17.2	0.26	0.5	101
XI 8	13 34	18 15	22 56	65	21 26.6	- 16 24	17.0	0.26	0.6	93
16	13 03	17 45	22 26	65	21 27.6	- 16 19	16.8	0.26	0.6	85
24	12 32	17 15	21 57	65	21 29.1	- 16 12	16.5	0.26	0.6	78
XII 2	12 02	16 45	21 28	65	21 31.0	- 16 02	16.3	0.25	0.7	70
10	11 32	16 16	21 00	66	21 33.2	- 15 51	16.1	0.25	0.7	63
18	11 02	15 47	20 32	66	21 35.7	- 15 38	16.0	0.25	0.7	55
26	10 32	15 18	20 05	66	21 38.5	- 15 24	15.8	0.24	0.8	48
2023 I 3	10 02	14 50	19 38	67	21 41.6	- 15 09	15.7	0.23	0.8	40