

### SATURN

M d 2021	Wsch.	Kulm.	Zach.	A	$\alpha$	$\delta$	D	b/a	V	$\Delta I$
	$\lambda=0$		$\varphi=50$		$0^hUT$					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	9 14	13 34	17 53	58	20 15.4	- 20 12	15.2	0.36	0.8	22
8	8 45	13 06	17 27	59	20 19.2	- 20 00	15.1	0.35	0.8	15
16	8 17	12 39	17 01	59	20 23.1	- 19 48	15.1	0.35	0.9	7
24	7 48	12 11	16 34	59	20 27.0	- 19 35	15.1	0.34	0.9	0
II 1	7 19	11 44	16 08	60	20 31.0	- 19 21	15.1	0.34	0.9	-7
9	6 50	11 16	15 42	60	20 34.8	- 19 08	15.1	0.33	0.9	-14
17	6 21	10 48	15 15	61	20 38.6	- 18 55	15.2	0.33	0.9	-21
25	5 52	10 20	14 49	61	20 42.3	- 18 42	15.3	0.32	0.9	-29
III 5	5 23	9 52	14 22	61	20 45.8	- 18 29	15.4	0.32	0.9	-36
13	4 54	9 24	13 55	62	20 49.1	- 18 17	15.5	0.31	1.0	-43
21	4 24	8 56	13 28	62	20 52.2	- 18 06	15.6	0.31	1.0	-50
29	3 55	8 27	13 00	62	20 55.0	- 17 55	15.8	0.30	0.9	-57
IV 6	3 25	7 58	12 32	62	20 57.4	- 17 46	16.0	0.30	0.9	-65
14	2 55	7 29	12 03	63	20 59.6	- 17 38	16.2	0.29	0.9	-72
22	2 24	6 59	11 34	63	21 01.4	- 17 32	16.4	0.29	0.9	-79
30	1 54	6 29	11 04	63	21 02.8	- 17 27	16.6	0.29	0.9	-87
V 8	1 23	5 59	10 34	63	21 03.9	- 17 23	16.8	0.29	0.9	-94
16	0 52	5 28	10 04	63	21 04.5	- 17 22	17.0	0.29	0.8	-102
24	0 21	4 57	9 32	63	21 04.7	- 17 22	17.3	0.29	0.8	-110
VI 1	23 46	4 25	9 00	63	21 04.5	- 17 24	17.5	0.29	0.8	-117
9	23 14	3 53	8 28	63	21 03.9	- 17 28	17.7	0.29	0.7	-125
17	22 42	3 20	7 55	63	21 02.8	- 17 34	17.9	0.29	0.7	-133
25	22 10	2 48	7 21	63	21 01.5	- 17 41	18.1	0.29	0.6	-141
VII 3	21 37	2 14	6 48	62	20 59.8	- 17 49	18.2	0.30	0.6	-149
11	21 05	1 41	6 13	62	20 57.8	- 17 58	18.4	0.30	0.6	-157
19	20 32	1 07	5 39	62	20 55.6	- 18 08	18.5	0.31	0.5	-165
27	19 59	0 34	5 04	62	20 53.3	- 18 18	18.5	0.31	0.5	-174
VIII 4	19 26	23 56	4 29	61	20 50.9	- 18 29	18.5	0.31	0.5	178
12	18 53	23 22	3 54	61	20 48.5	- 18 39	18.5	0.32	0.5	170
20	18 21	22 48	3 20	61	20 46.2	- 18 48	18.4	0.32	0.5	162
28	17 48	22 14	2 45	60	20 44.1	- 18 57	18.3	0.32	0.4	153
IX 5	17 15	21 41	2 11	60	20 42.2	- 19 04	18.2	0.33	0.4	145
13	16 43	21 08	1 38	60	20 40.6	- 19 11	18.0	0.33	0.4	137
21	16 11	20 35	1 04	60	20 39.3	- 19 16	17.8	0.33	0.4	129
29	15 39	20 03	0 32	60	20 38.5	- 19 19	17.6	0.33	0.5	121
X 7	15 07	19 31	23 56	60	20 38.0	- 19 20	17.4	0.33	0.5	113
15	14 35	19 00	23 24	60	20 38.0	- 19 20	17.2	0.33	0.5	105
23	14 04	18 29	22 54	60	20 38.5	- 19 19	17.0	0.33	0.5	97
31	13 33	17 58	22 23	60	20 39.3	- 19 16	16.7	0.33	0.6	89
XI 8	13 03	17 28	21 54	60	20 40.6	- 19 11	16.5	0.33	0.6	82
16	12 32	16 59	21 25	60	20 42.3	- 19 04	16.3	0.33	0.6	74
24	12 02	16 29	20 56	60	20 44.4	- 18 56	16.1	0.32	0.7	67
XII 2	11 32	16 00	20 28	61	20 46.8	- 18 47	15.9	0.32	0.7	59
10	11 03	15 31	20 00	61	20 49.6	- 18 36	15.7	0.32	0.7	52
18	10 33	15 03	19 33	61	20 52.6	- 18 24	15.6	0.31	0.8	44
26	10 04	14 35	19 06	62	20 55.8	- 18 11	15.5	0.31	0.8	37
2022 I 3	9 34	14 07	18 39	62	20 59.3	- 17 57	15.4	0.30	0.8	30