

### SATURN

M d 2015	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	4 48	9 17	13 47	61	15 56.2	- 18 25	15.5	0.42	0.6	-38
8	4 20	8 49	13 18	61	15 59.4	- 18 34	15.6	0.42	0.5	-46
16	3 52	8 21	12 49	61	16 02.4	- 18 42	15.7	0.42	0.5	-53
24	3 24	7 52	12 20	61	16 05.1	- 18 49	15.9	0.42	0.5	-61
II 1	2 56	7 23	11 50	61	16 07.5	- 18 54	16.1	0.42	0.5	-68
9	2 27	6 53	11 20	60	16 09.6	- 18 58	16.3	0.42	0.4	-76
17	1 57	6 24	10 50	60	16 11.2	- 19 01	16.5	0.42	0.4	-84
25	1 27	5 53	10 19	60	16 12.4	- 19 03	16.7	0.42	0.4	-91
III 5	0 57	5 23	9 49	60	16 13.2	- 19 04	17.0	0.42	0.3	-99
13	0 25	4 51	9 18	60	16 13.5	- 19 03	17.2	0.42	0.3	-107
21	23 50	4 20	8 46	60	16 13.4	- 19 02	17.4	0.42	0.3	-115
29	23 17	3 48	8 14	60	16 12.8	- 18 59	17.6	0.42	0.3	-123
IV 6	22 44	3 15	7 42	60	16 11.9	- 18 56	17.8	0.42	0.2	-131
14	22 11	2 43	7 10	61	16 10.5	- 18 51	18.0	0.42	0.2	-140
22	21 37	2 09	6 37	61	16 08.8	- 18 46	18.2	0.42	0.2	-148
30	21 03	1 36	6 04	61	16 06.8	- 18 40	18.3	0.42	0.2	-156
V 8	20 29	1 02	5 31	61	16 04.5	- 18 33	18.4	0.42	0.2	-164
16	19 55	0 28	4 58	61	16 02.1	- 18 27	18.4	0.41	0.2	-172
24	19 20	23 50	4 25	61	15 59.7	- 18 20	18.5	0.41	0.2	178
VI 1	18 46	23 16	3 52	62	15 57.2	- 18 13	18.4	0.41	0.2	171
9	18 11	22 43	3 18	62	15 54.9	- 18 07	18.4	0.41	0.2	162
17	17 37	22 09	2 45	62	15 52.7	- 18 02	18.3	0.41	0.2	154
25	17 03	21 36	2 12	62	15 50.7	- 17 57	18.1	0.41	0.2	146
VII 3	16 30	21 03	1 39	62	15 49.0	- 17 53	18.0	0.41	0.2	138
11	15 57	20 30	1 07	62	15 47.7	- 17 51	17.8	0.41	0.3	130
19	15 24	19 57	0 35	62	15 46.7	- 17 49	17.6	0.41	0.3	122
27	14 52	19 25	0 03	62	15 46.1	- 17 50	17.4	0.41	0.3	115
VIII 4	14 21	18 54	23 27	62	15 46.0	- 17 51	17.2	0.41	0.3	107
12	13 50	18 23	22 55	62	15 46.3	- 17 54	16.9	0.41	0.4	99
20	13 20	17 52	22 24	62	15 47.0	- 17 58	16.7	0.41	0.4	92
28	12 50	17 22	21 53	62	15 48.1	- 18 04	16.5	0.41	0.4	84
IX 5	12 21	16 52	21 23	62	15 49.6	- 18 10	16.3	0.41	0.4	77
13	11 52	16 22	20 53	62	15 51.5	- 18 18	16.1	0.41	0.5	70
21	11 23	15 53	20 23	61	15 53.7	- 18 27	15.9	0.42	0.5	63
29	10 55	15 24	19 53	61	15 56.3	- 18 36	15.7	0.42	0.5	55
X 7	10 28	14 56	19 23	61	15 59.2	- 18 46	15.6	0.42	0.5	48
15	10 01	14 27	18 54	60	16 02.3	- 18 56	15.4	0.42	0.5	41
23	9 33	13 59	18 25	60	16 05.7	- 19 07	15.3	0.42	0.5	34
31	9 07	13 31	17 56	60	16 09.3	- 19 17	15.2	0.43	0.5	27
XI 8	8 40	13 04	17 27	60	16 13.0	- 19 28	15.1	0.43	0.6	20
16	8 13	12 36	16 59	59	16 16.8	- 19 39	15.1	0.43	0.6	13
24	7 47	12 08	16 30	59	16 20.8	- 19 49	15.1	0.43	0.6	6
XII 2	7 20	11 41	16 02	59	16 24.7	- 19 58	15.1	0.43	0.5	-2
10	6 54	11 13	15 33	58	16 28.7	- 20 08	15.1	0.44	0.5	-9
18	6 27	10 46	15 05	58	16 32.6	- 20 16	15.1	0.44	0.5	-16
26	6 00	10 18	14 37	58	16 36.5	- 20 24	15.2	0.44	0.5	-23
2016 I 3	5 33	9 51	14 08	58	16 40.2	- 20 31	15.3	0.44	0.5	-31