

### SATURN

M d 2017	Wsch.	Kulm.	Zach.	A	$\alpha$	$\delta$	D	b/a	V	$\Delta I$
	$\lambda=0$		$\varphi=50$		$0^h UT$					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	6 32	10 41	14 51	55	17 22.3	- 21 52	15.1	0.45	0.4	-19
8	6 05	10 14	14 23	55	17 26.2	- 21 55	15.1	0.45	0.4	-26
16	5 37	9 46	13 55	55	17 29.9	- 21 58	15.2	0.45	0.4	-33
24	5 10	9 18	13 27	55	17 33.4	- 22 01	15.3	0.45	0.4	-40
II 1	4 42	8 50	12 58	55	17 36.7	- 22 02	15.5	0.45	0.4	-48
9	4 13	8 21	12 30	55	17 39.7	- 22 04	15.6	0.45	0.3	-55
17	3 45	7 53	12 01	55	17 42.5	- 22 05	15.8	0.45	0.3	-63
25	3 15	7 24	11 32	55	17 44.8	- 22 05	16.0	0.45	0.3	-70
III 5	2 46	6 54	11 02	55	17 46.8	- 22 05	16.2	0.45	0.3	-78
13	2 16	6 24	10 32	55	17 48.4	- 22 05	16.4	0.45	0.3	-85
21	1 46	5 54	10 02	55	17 49.5	- 22 05	16.6	0.45	0.2	-93
29	1 15	5 23	9 31	55	17 50.2	- 22 05	16.8	0.45	0.2	-101
IV 6	0 44	4 52	9 00	55	17 50.5	- 22 04	17.1	0.45	0.2	-109
14	0 12	4 20	8 28	55	17 50.3	- 22 04	17.3	0.45	0.2	-116
22	23 36	3 48	7 56	55	17 49.6	- 22 03	17.5	0.45	0.1	-124
30	23 03	3 15	7 24	55	17 48.5	- 22 03	17.7	0.45	0.1	-132
V 8	22 30	2 43	6 51	55	17 47.1	- 22 02	17.9	0.45	0.1	-141
16	21 57	2 09	6 18	55	17 45.2	- 22 01	18.0	0.45	0.1	-149
24	21 23	1 36	5 44	55	17 43.1	- 22 00	18.1	0.45	0.1	-157
VI 1	20 49	1 02	5 10	55	17 40.8	- 22 00	18.2	0.45	0.1	-165
9	20 15	0 28	4 37	55	17 38.3	- 21 59	18.3	0.45	0.0	-173
17	19 41	23 50	4 03	55	17 35.8	- 21 58	18.3	0.45	0.0	178
25	19 07	23 16	3 29	55	17 33.3	- 21 57	18.3	0.45	0.1	170
VII 3	18 33	22 42	2 55	55	17 30.9	- 21 56	18.2	0.45	0.1	162
11	17 59	22 08	2 21	55	17 28.6	- 21 56	18.1	0.45	0.1	154
19	17 26	21 35	1 48	55	17 26.6	- 21 55	18.0	0.45	0.1	146
27	16 53	21 02	1 15	55	17 24.9	- 21 55	17.8	0.45	0.1	138
VIII 4	16 20	20 29	0 42	55	17 23.5	- 21 55	17.6	0.45	0.1	130
12	15 48	19 57	0 10	55	17 22.6	- 21 56	17.4	0.45	0.2	122
20	15 16	19 25	23 34	55	17 22.1	- 21 57	17.2	0.45	0.2	114
28	14 45	18 53	23 02	55	17 22.0	- 21 58	17.0	0.45	0.2	106
IX 5	14 14	18 22	22 31	55	17 22.3	- 22 00	16.8	0.45	0.3	99
13	13 43	17 52	22 00	55	17 23.1	- 22 02	16.6	0.45	0.3	91
21	13 13	17 21	21 29	55	17 24.4	- 22 05	16.3	0.45	0.3	84
29	12 44	16 52	20 59	55	17 26.0	- 22 08	16.1	0.45	0.3	76
X 7	12 15	16 22	20 30	55	17 28.1	- 22 11	15.9	0.45	0.4	69
15	11 46	15 53	20 00	55	17 30.5	- 22 14	15.8	0.45	0.4	61
23	11 18	15 25	19 31	55	17 33.2	- 22 17	15.6	0.45	0.4	54
31	10 50	14 56	19 03	55	17 36.3	- 22 20	15.4	0.45	0.4	47
XI 8	10 22	14 28	18 34	55	17 39.6	- 22 23	15.3	0.45	0.5	40
16	9 54	14 00	18 06	54	17 43.2	- 22 25	15.2	0.45	0.5	32
24	9 27	13 32	17 38	54	17 46.9	- 22 27	15.1	0.45	0.5	25
XII 2	8 59	13 05	17 10	54	17 50.8	- 22 29	15.0	0.45	0.5	18
10	8 32	12 37	16 43	54	17 54.8	- 22 31	15.0	0.45	0.5	11
18	8 05	12 10	16 15	54	17 58.9	- 22 31	15.0	0.45	0.5	4
26	7 37	11 43	15 48	54	18 03.0	- 22 32	15.0	0.45	0.5	-4
2018 I 3	7 10	11 15	15 20	54	18 07.0	- 22 32	15.0	0.45	0.5	-11