

SATURN

M d 2009	Wsch.	Kulm.	Zach.	A	α	δ	D	b/a	V	ΔI
	$\lambda=0$		$\varphi=50$		0 ^h UT					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	22 22	4 53	11 20	99	11 33.0	5 09	18.3	0.01	0.8	-108
8	21 50	4 21	10 49	99	11 32.9	5 12	18.6	0.01	0.8	-116
16	21 18	3 49	10 17	99	11 32.3	5 18	18.8	0.02	0.8	-124
24	20 44	3 17	9 46	99	11 31.4	5 26	19.1	0.02	0.8	-133
II 1	20 11	2 44	9 14	99	11 30.0	5 37	19.3	0.02	0.8	-141
9	19 37	2 11	8 42	100	11 28.4	5 49	19.4	0.03	0.8	-150
17	19 02	1 38	8 09	100	11 26.4	6 03	19.6	0.03	0.8	-158
25	18 27	1 04	7 37	101	11 24.3	6 18	19.7	0.04	0.8	-167
III 5	17 52	0 30	7 04	101	11 22.0	6 34	19.7	0.04	0.8	-175
13	17 17	23 52	6 32	101	11 19.6	6 49	19.7	0.05	0.6	175
21	16 42	23 19	5 59	102	11 17.3	7 04	19.7	0.05	0.5	167
29	16 07	22 45	5 27	102	11 15.1	7 18	19.6	0.06	0.5	158
IV 6	15 33	22 12	4 54	102	11 13.1	7 30	19.4	0.06	0.5	150
14	14 59	21 38	4 22	103	11 11.3	7 40	19.3	0.07	0.5	142
22	14 25	21 06	3 50	103	11 09.9	7 48	19.1	0.07	0.5	133
30	13 53	20 33	3 18	103	11 08.8	7 54	18.8	0.07	0.6	125
V 8	13 20	20 01	2 46	103	11 08.1	7 57	18.6	0.07	0.6	117
16	12 48	19 29	2 14	103	11 07.8	7 57	18.3	0.07	0.7	110
24	12 17	18 58	1 43	103	11 07.9	7 55	18.1	0.07	0.7	102
VI 1	11 47	18 27	1 11	103	11 08.5	7 50	17.8	0.07	0.8	94
9	11 17	17 57	0 40	103	11 09.4	7 43	17.6	0.07	0.8	87
17	10 48	17 26	0 09	102	11 10.7	7 33	17.3	0.06	0.9	80
25	10 19	16 57	23 35	102	11 12.4	7 21	17.1	0.06	0.9	73
VII 3	9 50	16 27	23 04	102	11 14.4	7 07	16.9	0.06	0.9	66
11	9 23	15 58	22 34	101	11 16.7	6 51	16.7	0.05	0.9	59
19	8 55	15 29	22 03	101	11 19.3	6 34	16.5	0.04	0.9	52
27	8 28	15 01	21 33	100	11 22.1	6 15	16.3	0.04	1.0	45
VIII 4	8 01	14 32	21 03	100	11 25.2	5 55	16.2	0.03	1.0	38
12	7 35	14 04	20 33	99	11 28.4	5 34	16.1	0.02	1.1	31
20	7 09	13 36	20 03	99	11 31.8	5 11	16.0	0.02	1.1	24
28	6 42	13 08	19 33	98	11 35.3	4 49	15.9	0.01	1.1	18
IX 5	6 16	12 40	19 04	98	11 38.9	4 25	15.9	0.00	1.1	11
13	5 50	12 12	18 34	97	11 42.6	4 02	15.8	0.01	1.1	5
21	5 25	11 45	18 04	96	11 46.2	3 38	15.8	0.02	1.1	-3
29	4 59	11 17	17 35	96	11 49.9	3 15	15.9	0.02	1.1	-10
X 7	4 33	10 49	17 05	95	11 53.5	2 52	15.9	0.03	1.1	-17
15	4 06	10 21	16 35	95	11 57.1	2 30	16.0	0.04	1.1	-24
23	3 40	9 53	16 06	94	12 00.5	2 09	16.1	0.05	1.0	-31
31	3 13	9 25	15 36	93	12 03.8	1 49	16.2	0.05	1.0	-38
XI 8	2 46	8 56	15 06	93	12 06.9	1 31	16.3	0.06	1.0	-45
16	2 19	8 28	14 36	93	12 09.7	1 14	16.5	0.07	1.0	-52
24	1 52	7 59	14 06	92	12 12.3	0 59	16.7	0.07	1.0	-59
XII 2	1 23	7 30	13 36	92	12 14.6	0 46	16.9	0.08	0.9	-67
10	0 55	7 00	13 05	92	12 16.6	0 35	17.1	0.08	0.9	-74
18	0 26	6 30	12 35	91	12 18.3	0 27	17.3	0.08	0.9	-82
26	23 52	6 00	12 04	91	12 19.5	0 21	17.6	0.08	0.8	-90
2010 I 3	23 22	5 29	11 33	91	12 20.3	0 18	17.8	0.09	0.8	-98