

(136472) MAKEMAKE

M d 2018	Wsch.	Kulm.	Zach.	A	α	δ	V	ΔI
	$\lambda=0^\circ$		$\varphi=50^\circ$		0^hUT			
	h m	h m	h m	\pm°	h m	$^\circ \quad ' \quad ''$	m	$^\circ$
I 0	22 09	6 25	14 37	130	13 04.5	24 02	17.2	-94
8	21 38	5 54	14 06	130	13 04.6	24 05	17.2	-101
16	21 06	5 22	13 35	130	13 04.7	24 10	17.1	-108
24	20 34	4 51	13 04	131	13 04.6	24 14	17.1	-115
II 1	20 01	4 19	12 33	131	13 04.5	24 19	17.1	-122
9	19 29	3 47	12 02	131	13 04.2	24 24	17.1	-129
17	18 57	3 16	11 31	131	13 03.9	24 29	17.1	-135
25	18 25	2 44	10 59	131	13 03.6	24 34	17.1	-141
III 5	17 52	2 12	10 28	131	13 03.2	24 39	17.1	-146
13	17 20	1 40	9 57	131	13 02.7	24 43	17.1	-149
21	16 47	1 08	9 25	132	13 02.2	24 47	17.1	-151
29	16 15	0 36	8 53	132	13 01.6	24 51	17.1	151
IV 6	15 43	0 04	8 22	132	13 01.1	24 53	17.1	149
14	15 10	23 28	7 50	132	13 00.6	24 56	17.1	145
22	14 38	22 56	7 18	132	13 00.0	24 57	17.1	140
30	14 06	22 24	6 46	132	12 59.5	24 58	17.1	135
V 8	13 34	21 52	6 14	132	12 59.0	24 58	17.1	129
16	13 02	21 20	5 42	132	12 58.6	24 57	17.1	123
24	12 31	20 49	5 10	132	12 58.2	24 55	17.1	116
VI 1	11 59	20 17	4 38	132	12 57.9	24 53	17.1	110
9	11 28	19 45	4 06	132	12 57.6	24 50	17.2	103
17	10 57	19 13	3 34	132	12 57.5	24 47	17.2	96
25	10 26	18 42	3 02	131	12 57.4	24 42	17.2	90
VII 3	9 55	18 10	2 30	131	12 57.4	24 38	17.2	83
11	9 24	17 39	1 58	131	12 57.4	24 33	17.2	76
19	8 53	17 08	1 26	131	12 57.6	24 27	17.2	70
27	8 23	16 37	0 54	131	12 57.8	24 22	17.2	63
VIII 4	7 52	16 05	0 23	131	12 58.1	24 16	17.2	57
12	7 22	15 34	23 47	130	12 58.4	24 10	17.2	51
20	6 51	15 03	23 15	130	12 58.9	24 04	17.2	45
28	6 21	14 32	22 43	130	12 59.4	23 58	17.2	39
IX 5	5 51	14 01	22 12	130	12 59.9	23 53	17.2	35
13	5 21	13 31	21 40	130	13 00.5	23 47	17.1	31
21	4 50	13 00	21 09	130	13 01.1	23 42	17.1	28
29	4 20	12 29	20 38	129	13 01.7	23 38	17.1	-28
X 7	3 50	11 58	20 07	129	13 02.4	23 34	17.1	-29
15	3 19	11 27	19 35	129	13 03.1	23 30	17.1	-32
23	2 49	10 57	19 04	129	13 03.7	23 28	17.2	-36
31	2 18	10 26	18 33	129	13 04.4	23 25	17.2	-42
XI 8	1 47	9 55	18 02	129	13 05.0	23 24	17.2	-48
16	1 17	9 24	17 31	129	13 05.6	23 23	17.2	-54
24	0 46	8 53	17 00	129	13 06.1	23 23	17.2	-61
XII 2	0 15	8 22	16 29	129	13 06.6	23 24	17.2	-67
10	23 40	7 51	15 59	129	13 07.0	23 26	17.2	-74
18	23 08	7 20	15 28	129	13 07.3	23 28	17.2	-81
26	22 37	6 49	14 57	129	13 07.6	23 31	17.2	-89
2019 I 3	22 05	6 17	14 26	129	13 07.8	23 34	17.2	-96