INCREMENTS AND CORRECTIONS

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	0° 00'.0	0° 00'.0	0° 00'.0	0.0	0.0	6.0	0.1	12.0	0.1
01	0° 00'.3	0° 00'.3	0° 00'.2	0.1	0.0	6.1	0.1	12.1	0.1
02	0° 00'.5	0° 00'.5	0° 00'.5	0.2	0.0	6.2	0.1	12.2	0.1
03	0° 00'.7	0° 00'.8	0° 00'.7	0.3	0.0	6.3	0.1	12.3	0.1
04	0° 01'.0	0° 01'.0	0° 01'.0	0.4	0.0	6.4	0.1	12.4	0.1
05	0° 01'.2	0° 01'.3	0° 01'.2	0.5	0.0	6.5	0.1	12.5	0.1
06	0° 01'.5	0° 01'.5	0° 01'.4	0.6	0.0	6.6	0.1	12.6	0.1
07	0° 01'.7	0° 01'.8	0° 01'.7	0.7	0.0	6.7	0.1	12.7	0.1
08	0° 02'.0	0° 02'.0	0° 01'.9	0.8	0.0	6.8	0.1	12.8	0.1
09	0° 02'.2	0° 02'.3	0° 02'.1	0.9	0.0	6.9	0.1	12.9	0.1
10	0° 02'.5	0° 02'.5	0° 02'.4	1.0	0.0	7.0	0.1	13.0	0.1
11	0° 02'.8	0° 02'.8	0° 02'.6	1.1	0.0	7.1	0.1	13.1	0.1
12	0° 03'.0	0° 03'.0	0° 02'.9	1.2	0.0	7.2	0.1	13.2	0.1
13	0° 03'.2	0° 03'.3	0° 03'.1	1.3	0.0	7.3	0.1	13.3	0.1
14	0° 03'.5	0° 03'.5	0° 03'.3	1.4	0.0	7.4	0.1	13.4	0.1
15	0° 03'.7	0° 03'.8	0° 03'.6	1.5	0.0	7.5	0.1	13.5	0.1
16	0° 04'.0	0° 04'.0	0° 03'.8	1.6	0.0	7.6	0.1	13.6	0.1
17	0° 04'.2	0° 04'.3	0° 04'.1	1.7	0.0	7.7	0.1	13.7	0.1
18	0° 04'.5	0° 04'.5	0° 04'.3	1.8	0.0	7.8	0.1	13.8	0.1
19	0° 04'.8	0° 04'.8	0° 04'.5	1.9	0.0	7.9	0.1	13.9	0.1
20	0° 05'.0	0° 05'.0	0° 04'.8	2.0	0.0	8.0	0.1	14.0	0.1
21	0° 05'.2	0° 05'.3	0° 05'.0	2.1	0.0	8.1	0.1	14.1	0.1
22	0° 05'.5	0° 05'.5	0° 05'.2	2.2	0.0	8.2	0.1	14.2	0.1
23	0° 05'.7	0° 05'.8	0° 05'.5	2.3	0.0	8.3	0.1	14.3	0.1
24	0° 06'.0	0° 06'.0	0° 05'.7	2.4	0.0	8.4	0.1	14.4	0.1
25	0° 06'.3	0° 06'.3	0° 06'.0	2.5	0.0	8.5	0.1	14.5	0.1
26	0° 06'.5	0° 06'.5	0° 06'.2	2.6	0.0	8.6	0.1	14.6	0.1
27	0° 06'.8	0° 06'.8	0° 06'.4	2.7	0.0	8.7	0.1	14.7	0.1
28	0° 07'.0	0° 07'.0	0° 06'.7	2.8	0.0	8.8	0.1	14.8	0.1
29	0° 07'.2	0° 07'.3	0° 06'.9	2.9	0.0	8.9	0.1	14.9	0.1
30	0° 07'.5	0° 07'.5	0° 07'.2	3.0	0.0	9.0	0.1	15.0	0.1
31	0° 07'.8	0° 07'.8	0° 07'.4	3.1	0.0	9.1	0.1	15.1	0.1
32	0° 08'.0	0° 08'.0	0° 07'.6	3.2	0.0	9.2	0.1	15.2	0.1
33	0° 08'.3	0° 08'.3	0° 07'.9	3.3	0.0	9.3	0.1	15.3	0.1
34	0° 08'.5	0° 08'.5	0° 08'.1	3.4	0.0	9.4	0.1	15.4	0.1
35	0° 08'.7	0° 08'.8	0° 08'.4	3.5	0.0	9.5	0.1	15.5	0.1
36	0° 09'.0	0° 09'.0	0° 08'.6	3.6	0.0	9.6	0.1	15.6	0.1
37	0° 09'.3	0° 09'.3	0° 08'.8	3.7	0.0	9.7	0.1	15.7	0.1
38	0° 09'.5	0° 09'.5	0° 09'.1	3.8	0.0	9.8	0.1	15.8	0.1
39	0° 09'.8	0° 09'.8	0° 09'.3	3.9	0.0	9.9	0.1	15.9	0.1
40	0° 10'.0	0° 10'.0	0° 09'.5	4.0	0.0	10.0	0.1	16.0	0.1
41	0° 10'.2	0° 10'.3	0° 09'.8	4.1	0.0	10.1	0.1	16.1	0.1
42	0° 10'.5	0° 10'.5	0° 10'.0	4.2	0.0	10.2	0.1	16.2	0.1
43	0° 10'.8	0° 10'.8	0° 10'.3	4.3	0.0	10.3	0.1	16.3	0.1
44	0° 11'.0	0° 11'.0	0° 10'.5	4.4	0.0	10.4	0.1	16.4	0.1
45	0° 11'.3	0° 11'.3	0° 10'.7	4.5	0.0	10.5	0.1	16.5	0.1
46	0° 11'.5	0° 11'.5	0° 11'.0	4.6	0.0	10.6	0.1	16.6	0.1
47	0° 11'.7	0° 11'.8	0° 11'.2	4.7	0.0	10.7	0.1	16.7	0.1
48	0° 12'.0	0° 12'.0	0° 11'.5	4.8	0.0	10.8	0.1	16.8	0.1
49	0° 12'.3	0° 12'.3	0° 11'.7	4.9	0.0	10.9	0.1	16.9	0.1
50	0° 12'.5	0° 12'.5	0° 11'.9	5.0	0.0	11.0	0.1	17.0	0.1
51	0° 12'.8	0° 12'.8	0° 12'.2	5.1	0.0	11.1	0.1	17.1	0.1
52	0° 13'.0	0° 13'.0	0° 12'.4	5.2	0.0	11.2	0.1	17.2	0.1
53	0° 13'.2	0° 13'.3	0° 12'.6	5.3	0.0	11.3	0.1	17.3	0.1
54	0° 13'.5	0° 13'.5	0° 12'.9	5.4	0.0	11.4	0.1	17.4	0.1
55	0° 13'.8	0° 13'.8	0° 13'.1	5.5	0.0	11.5	0.1	17.5	0.1
56	0° 14'.0	0° 14'.0	0° 13'.4	5.6	0.0	11.6	0.1	17.6	0.1
57	0° 14'.3	0° 14'.3	0° 13'.6	5.7	0.0	11.7	0.1	17.7	0.1
58	0° 14'.5	0° 14'.5	0° 13'.8	5.8	0.0	11.8	0.1	17.8	0.1
59	0° 14'.8	0° 14'.8	0° 14'.1	5.9	0.0	11.9	0.1	17.9	0.1
60	0° 15'.0	0° 15'.0	0° 14'.3	6.0	0.1	12.0	0.1	18.0	0.2

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	0° 15'.0	0° 15'.0	0° 14'.3	0.0	0.0	6.0	0.2	12.0	0.3
01	0° 15'.2	0° 15'.3	0° 14'.6	0.1	0.0	6.1	0.2	12.1	0.3
02	0° 15'.5	0° 15'.5	0° 14'.8	0.2	0.0	6.2	0.2	12.2	0.3
03	0° 15'.7	0° 15'.8	0° 15'.0	0.3	0.0	6.3	0.2	12.3	0.3
04	0° 16'.0	0° 16'.0	0° 15'.3	0.4	0.0	6.4	0.2	12.4	0.3
05	0° 16'.2	0° 16'.3	0° 15'.5	0.5	0.0	6.5	0.2	12.5	0.3
06	0° 16'.5	0° 16'.5	0° 15'.7	0.6	0.0	6.6	0.2	12.6	0.3
07	0° 16'.8	0° 16'.8	0° 16'.0	0.7	0.0	6.7	0.2	12.7	0.3
08	0° 17'.0	0° 17'.0	0° 16'.2	0.8	0.0	6.8	0.2	12.8	0.3
09	0° 17'.3	0° 17'.3	0° 16'.5	0.9	0.0	6.9	0.2	12.9	0.3
10	0° 17'.5	0° 17'.5	0° 16'.7	1.0	0.0	7.0	0.2	13.0	0.3
11	0° 17'.8	0° 17'.8	0° 16'.9	1.1	0.0	7.1	0.2	13.1	0.3
12	0° 18'.0	0° 18'.1	0° 17'.2	1.2	0.0	7.2	0.2	13.2	0.3
13	0° 18'.3	0° 18'.3	0° 17'.4	1.3	0.0	7.3	0.2	13.3	0.3
14	0° 18'.5	0° 18'.6	0° 17'.7	1.4	0.0	7.4	0.2	13.4	0.3
15	0° 18'.7	0° 18'.8	0° 17'.9	1.5	0.0	7.5	0.2	13.5	0.3
16	0° 19'.0	0° 19'.1	0° 18'.1	1.6	0.0	7.6	0.2	13.6	0.3
17	0° 19'.2	0° 19'.3	0° 18'.4	1.7	0.0	7.7	0.2	13.7	0.3
18	0° 19'.5	0° 19'.6	0° 18'.6	1.8	0.0	7.8	0.2	13.8	0.3
19	0° 19'.7	0° 19'.8	0° 18'.9	1.9	0.0	7.9	0.2	13.9	0.3
20	0° 20'.0	0° 20'.1	0° 19'.1	2.0	0.1	8.0	0.2	14.0	0.4
21	0° 20'.3	0° 20'.3	0° 19'.3	2.1	0.1	8.1	0.2	14.1	0.4
22	0° 20'.5	0° 20'.6	0° 19'.6	2.2	0.1	8.2	0.2	14.2	0.4
23	0° 20'.8	0° 20'.8	0° 19'.8	2.3	0.1	8.3	0.2	14.3	0.4
24	0° 21'.0	0° 21'.1	0° 20'.0	2.4	0.1	8.4	0.2	14.4	0.4
25	0° 21'.3	0° 21'.3	0° 20'.3	2.5	0.1	8.5	0.2	14.5	0.4
26	0° 21'.5	0° 21'.6	0° 20'.5	2.6	0.1	8.6	0.2	14.6	0.4
27	0° 21'.7	0° 21'.8	0° 20'.8	2.7	0.1	8.7	0.2	14.7	0.4
28	0° 22'.0	0° 22'.1	0° 21'.0	2.8	0.1	8.8	0.2	14.8	0.4
29	0° 22'.2	0° 22'.3	0° 21'.2	2.9	0.1	8.9	0.2	14.9	0.4
30	0° 22'.5	0° 22'.6	0° 21'.5	3.0	0.1	9.0	0.2	15.0	0.4
31	0° 22'.7	0° 22'.8	0° 21'.7	3.1	0.1	9.1	0.2	15.1	0.4
32	0° 23'.0	0° 23'.1	0° 22'.0	3.2	0.1	9.2	0.2	15.2	0.4
33	0° 23'.3	0° 23'.3	0° 22'.2	3.3	0.1	9.3	0.2	15.3	0.4
34	0° 23'.5	0° 23'.6	0° 22'.4	3.4	0.1	9.4	0.2	15.4	0.4
35	0° 23'.8	0° 23'.8	0° 22'.7	3.5	0.1	9.5	0.2	15.5	0.4
36	0° 24'.0	0° 24'.1	0° 22'.9	3.6	0.1	9.6	0.2	15.6	0.4
37	0° 24'.3	0° 24'.3	0° 23'.1	3.7	0.1	9.7	0.2	15.7	0.4
38	0° 24'.5	0° 24'.6	0° 23'.4	3.8	0.1	9.8	0.2	15.8	0.4
39	0° 24'.7	0° 24'.8	0° 23'.6	3.9	0.1	9.9	0.2	15.9	0.4
40	0° 25'.0	0° 25'.1	0° 23'.9	4.0	0.1	10.0	0.3	16.0	0.4
41	0° 25'.2	0° 25'.3	0° 24'.1	4.1	0.1	10.1	0.3	16.1	0.4
42	0° 25'.5	0° 25'.6	0° 24'.3	4.2	0.1	10.2	0.3	16.2	0.4
43	0° 25'.7	0° 25'.8	0° 24'.6	4.3	0.1	10.3	0.3	16.3	0.4
44	0° 26'.0	0° 26'.1	0° 24'.8	4.4	0.1	10.4	0.3	16.4	0.4
45	0° 26'.3	0° 26'.3	0° 25'.1	4.5	0.1	10.5	0.3	16.5	0.4
46	0° 26'.5	0° 26'.6	0° 25'.3	4.6	0.1	10.6	0.3	16.6	0.4
47	0° 26'.8	0° 26'.8	0° 25'.5	4.7	0.1	10.7	0.3	16.7	0.4
48	0° 27'.0	0° 27'.1	0° 25'.8	4.8	0.1	10.8	0.3	16.8	0.4
49	0° 27'.2	0° 27'.3	0° 26'.0	4.9	0.1	10.9	0.3	16.9	0.4
50	0° 27'.5	0° 27'.6	0° 26'.2	5.0	0.1	11.0	0.3	17.0	0.4
51	0° 27'.8	0° 27'.8	0° 26'.5	5.1	0.1	11.1	0.3	17.1	0.4
52	0° 28'.0	0° 28'.1	0° 26'.7	5.2	0.1	11.2	0.3	17.2	0.4
53	0° 28'.2	0° 28'.3	0° 27'.0	5.3	0.1	11.3	0.3	17.3	0.4
54	0° 28'.5	0° 28'.6	0° 27'.2	5.4	0.1	11.4	0.3	17.4	0.4
55	0° 28'.8	0° 28'.8	0° 27'.4	5.5	0.1	11.5	0.3	17.5	0.4
56	0° 29'.0	0° 29'.1	0° 27'.7	5.6	0.1	11.6	0.3	17.6	0.4
57	0° 29'.3	0° 29'.3	0° 27'.9	5.7	0.1	11.7	0.3	17.7	0.4
58	0° 29'.5	0° 29'.6	0° 28'.2	5.8	0.1	11.8	0.3	17.8	0.4
59	0° 29'.7	0° 29'.8	0° 28'.4	5.9	0.1	11.9	0.3	17.9	0.4
60	0° 30'.0	0° 30'.1	0° 28'.6	6.0	0.2	12.0	0.3	18.0	0.5

INCREMENTS AND CORRECTIONS

2^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	0° 30'.0	0° 30'.1	0° 28'.6	0.0	0.0	6.0	0.3	12.0	0.5
01	0° 30'.3	0° 30'.3	0° 28'.9	0.1	0.0	6.1	0.3	12.1	0.5
02	0° 30'.5	0° 30'.6	0° 29'.1	0.2	0.0	6.2	0.3	12.2	0.5
03	0° 30'.7	0° 30'.8	0° 29'.3	0.3	0.0	6.3	0.3	12.3	0.5
04	0° 31'.0	0° 31'.1	0° 29'.6	0.4	0.0	6.4	0.3	12.4	0.5
05	0° 31'.3	0° 31'.3	0° 29'.8	0.5	0.0	6.5	0.3	12.5	0.5
06	0° 31'.5	0° 31'.6	0° 30'.1	0.6	0.0	6.6	0.3	12.6	0.5
07	0° 31'.7	0° 31'.8	0° 30'.3	0.7	0.0	6.7	0.3	12.7	0.5
08	0° 32'.0	0° 32'.1	0° 30'.5	0.8	0.0	6.8	0.3	12.8	0.5
09	0° 32'.2	0° 32'.3	0° 30'.8	0.9	0.0	6.9	0.3	12.9	0.5
10	0° 32'.5	0° 32'.6	0° 31'.0	1.0	0.0	7.0	0.3	13.0	0.5
11	0° 32'.8	0° 32'.8	0° 31'.3	1.1	0.0	7.1	0.3	13.1	0.5
12	0° 33'.0	0° 33'.1	0° 31'.5	1.2	0.1	7.2	0.3	13.2	0.6
13	0° 33'.2	0° 33'.3	0° 31'.7	1.3	0.1	7.3	0.3	13.3	0.6
14	0° 33'.5	0° 33'.6	0° 32'.0	1.4	0.1	7.4	0.3	13.4	0.6
15	0° 33'.8	0° 33'.8	0° 32'.2	1.5	0.1	7.5	0.3	13.5	0.6
16	0° 34'.0	0° 34'.1	0° 32'.5	1.6	0.1	7.6	0.3	13.6	0.6
17	0° 34'.2	0° 34'.3	0° 32'.7	1.7	0.1	7.7	0.3	13.7	0.6
18	0° 34'.5	0° 34'.6	0° 32'.9	1.8	0.1	7.8	0.3	13.8	0.6
19	0° 34'.8	0° 34'.8	0° 33'.2	1.9	0.1	7.9	0.3	13.9	0.6
20	0° 35'.0	0° 35'.1	0° 33'.4	2.0	0.1	8.0	0.3	14.0	0.6
21	0° 35'.3	0° 35'.3	0° 33'.6	2.1	0.1	8.1	0.3	14.1	0.6
22	0° 35'.5	0° 35'.6	0° 33'.9	2.2	0.1	8.2	0.3	14.2	0.6
23	0° 35'.7	0° 35'.8	0° 34'.1	2.3	0.1	8.3	0.3	14.3	0.6
24	0° 36'.0	0° 36'.1	0° 34'.4	2.4	0.1	8.4	0.4	14.4	0.6
25	0° 36'.3	0° 36'.4	0° 34'.6	2.5	0.1	8.5	0.4	14.5	0.6
26	0° 36'.5	0° 36'.6	0° 34'.8	2.6	0.1	8.6	0.4	14.6	0.6
27	0° 36'.7	0° 36'.9	0° 35'.1	2.7	0.1	8.7	0.4	14.7	0.6
28	0° 37'.0	0° 37'.1	0° 35'.3	2.8	0.1	8.8	0.4	14.8	0.6
29	0° 37'.3	0° 37'.4	0° 35'.6	2.9	0.1	8.9	0.4	14.9	0.6
30	0° 37'.5	0° 37'.6	0° 35'.8	3.0	0.1	9.0	0.4	15.0	0.6
31	0° 37'.7	0° 37'.9	0° 36'.0	3.1	0.1	9.1	0.4	15.1	0.6
32	0° 38'.0	0° 38'.1	0° 36'.3	3.2	0.1	9.2	0.4	15.2	0.6
33	0° 38'.2	0° 38'.4	0° 36'.5	3.3	0.1	9.3	0.4	15.3	0.6
34	0° 38'.5	0° 38'.6	0° 36'.7	3.4	0.1	9.4	0.4	15.4	0.6
35	0° 38'.8	0° 38'.9	0° 37'.0	3.5	0.1	9.5	0.4	15.5	0.6
36	0° 39'.0	0° 39'.1	0° 37'.2	3.6	0.2	9.6	0.4	15.6	0.7
37	0° 39'.2	0° 39'.4	0° 37'.5	3.7	0.2	9.7	0.4	15.7	0.7
38	0° 39'.5	0° 39'.6	0° 37'.7	3.8	0.2	9.8	0.4	15.8	0.7
39	0° 39'.8	0° 39'.9	0° 37'.9	3.9	0.2	9.9	0.4	15.9	0.7
40	0° 40'.0	0° 40'.1	0° 38'.2	4.0	0.2	10.0	0.4	16.0	0.7
41	0° 40'.2	0° 40'.4	0° 38'.4	4.1	0.2	10.1	0.4	16.1	0.7
42	0° 40'.5	0° 40'.6	0° 38'.7	4.2	0.2	10.2	0.4	16.2	0.7
43	0° 40'.8	0° 40'.9	0° 38'.9	4.3	0.2	10.3	0.4	16.3	0.7
44	0° 41'.0	0° 41'.1	0° 39'.1	4.4	0.2	10.4	0.4	16.4	0.7
45	0° 41'.3	0° 41'.4	0° 39'.4	4.5	0.2	10.5	0.4	16.5	0.7
46	0° 41'.5	0° 41'.6	0° 39'.6	4.6	0.2	10.6	0.4	16.6	0.7
47	0° 41'.7	0° 41'.9	0° 39'.8	4.7	0.2	10.7	0.4	16.7	0.7
48	0° 42'.0	0° 42'.1	0° 40'.1	4.8	0.2	10.8	0.5	16.8	0.7
49	0° 42'.3	0° 42'.4	0° 40'.3	4.9	0.2	10.9	0.5	16.9	0.7
50	0° 42'.5	0° 42'.6	0° 40'.6	5.0	0.2	11.0	0.5	17.0	0.7
51	0° 42'.7	0° 42'.9	0° 40'.8	5.1	0.2	11.1	0.5	17.1	0.7
52	0° 43'.0	0° 43'.1	0° 41'.0	5.2	0.2	11.2	0.5	17.2	0.7
53	0° 43'.3	0° 43'.4	0° 41'.3	5.3	0.2	11.3	0.5	17.3	0.7
54	0° 43'.5	0° 43'.6	0° 41'.5	5.4	0.2	11.4	0.5	17.4	0.7
55	0° 43'.7	0° 43'.9	0° 41'.8	5.5	0.2	11.5	0.5	17.5	0.7
56	0° 44'.0	0° 44'.1	0° 42'.0	5.6	0.2	11.6	0.5	17.6	0.7
57	0° 44'.2	0° 44'.4	0° 42'.2	5.7	0.2	11.7	0.5	17.7	0.7
58	0° 44'.5	0° 44'.6	0° 42'.5	5.8	0.2	11.8	0.5	17.8	0.7
59	0° 44'.8	0° 44'.9	0° 42'.7	5.9	0.2	11.9	0.5	17.9	0.7
60	0° 45'.0	0° 45'.1	0° 43'.0	6.0	0.3	12.0	0.5	18.0	0.8

3^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	0° 45'.0	0° 45'.1	0° 43'.0	0.0	0.0	6.0	0.4	12.0	0.7
01	0° 45'.2	0° 45'.4	0° 43'.2	0.1	0.0	6.1	0.4	12.1	0.7
02	0° 45'.5	0° 45'.6	0° 43'.4	0.2	0.0	6.2	0.4	12.2	0.7
03	0° 45'.8	0° 45'.9	0° 43'.7	0.3	0.0	6.3	0.4	12.3	0.7
04	0° 46'.0	0° 46'.1	0° 43'.9	0.4	0.0	6.4	0.4	12.4	0.7
05	0° 46'.2	0° 46'.4	0° 44'.1	0.5	0.0	6.5	0.4	12.5	0.7
06	0° 46'.5	0° 46'.6	0° 44'.4	0.6	0.0	6.6	0.4	12.6	0.7
07	0° 46'.8	0° 46'.9	0° 44'.6	0.7	0.0	6.7	0.4	12.7	0.7
08	0° 47'.0	0° 47'.1	0° 44'.9	0.8	0.0	6.8	0.4	12.8	0.7
09	0° 47'.3	0° 47'.4	0° 45'.1	0.9	0.1	6.9	0.4	12.9	0.8
10	0° 47'.5	0° 47'.6	0° 45'.3	1.0	0.1	7.0	0.4	13.0	0.8
11	0° 47'.7	0° 47'.9	0° 45'.6	1.1	0.1	7.1	0.4	13.1	0.8
12	0° 48'.0	0° 48'.1	0° 45'.8	1.2	0.1	7.2	0.4	13.2	0.8
13	0° 48'.3	0° 48'.4	0° 46'.1	1.3	0.1	7.3	0.4	13.3	0.8
14	0° 48'.5	0° 48'.6	0° 46'.3	1.4	0.1	7.4	0.4	13.4	0.8
15	0° 48'.7	0° 48'.9	0° 46'.5	1.5	0.1	7.5	0.4	13.5	0.8
16	0° 49'.0	0° 49'.1	0° 46'.8	1.6	0.1	7.6	0.4	13.6	0.8
17	0° 49'.3	0° 49'.4	0° 47'.0	1.7	0.1	7.7	0.4	13.7	0.8
18	0° 49'.5	0° 49'.6	0° 47'.2	1.8	0.1	7.8	0.5	13.8	0.8
19	0° 49'.7	0° 49'.9	0° 47'.5	1.9	0.1	7.9	0.5	13.9	0.8
20	0° 50'.0	0° 50'.1	0° 47'.7	2.0	0.1	8.0	0.5	14.0	0.8
21	0° 50'.2	0° 50'.4	0° 48'.0	2.1	0.1	8.1	0.5	14.1	0.8
22	0° 50'.5	0° 50'.6	0° 48'.2	2.2	0.1	8.2	0.5	14.2	0.8
23	0° 50'.8	0° 50'.9	0° 48'.4	2.3	0.1	8.3	0.5	14.3	0.8
24	0° 51'.0	0° 51'.1	0° 48'.7	2.4	0.1	8.4	0.5	14.4	0.8
25	0° 51'.2	0° 51'.4	0° 48'.9	2.5	0.1	8.5	0.5	14.5	0.8
26	0° 51'.5	0° 51'.6	0° 49'.2	2.6	0.2	8.6	0.5	14.6	0.9
27	0° 51'.8	0° 51'.9	0° 49'.4	2.7	0.2	8.7	0.5	14.7	0.9
28	0° 52'.0	0° 52'.1	0° 49'.6	2.8	0.2	8.8	0.5	14.8	0.9
29	0° 52'.2	0° 52'.4	0° 49'.9	2.9	0.2	8.9	0.5	14.9	0.9
30	0° 52'.5	0° 52'.6	0° 50'.1	3.0	0.2	9.0	0.5	15.0	0.9
31	0° 52'.8	0° 52'.9	0° 50'.3	3.1	0.2	9.1	0.5	15.1	0.9
32	0° 53'.0	0° 53'.1	0° 50'.6	3.2	0.2	9.2	0.5	15.2	0.9
33	0° 53'.2	0° 53'.4	0° 50'.8	3.3	0.2	9.3	0.5	15.3	0.9
34	0° 53'.5	0° 53'.6	0° 51'.1	3.4	0.2	9.4	0.5	15.4	0.9
35	0° 53'.7	0° 53'.9	0° 51'.3	3.5	0.2	9.5	0.6	15.5	0.9
36	0° 54'.0	0° 54'.2	0° 51'.5	3.6	0.2	9.6	0.6	15.6	0.9
37	0° 54'.3	0° 54'.4	0° 51'.8	3.7	0.2	9.7	0.6	15.7	0.9
38	0° 54'.5	0° 54'.7	0° 52'.0	3.8	0.2	9.8	0.6	15.8	0.9
39	0° 54'.8	0° 54'.9	0° 52'.3	3.9	0.2	9.9	0.6	15.9	0.9
40	0° 55'.0	0° 55'.2	0° 52'.5	4.0	0.2	10.0	0.6	16.0	0.9
41	0° 55'.2	0° 55'.4	0° 52'.7	4.1	0.2	10.1	0.6	16.1	0.9
42	0° 55'.5	0° 55'.7	0° 53'.0	4.2	0.2	10.2	0.6	16.2	0.9
43	0° 55'.7	0° 55'.9	0° 53'.2	4.3	0.3	10.3	0.6	16.3	1.0
44	0° 56'.0	0° 56'.2	0° 53'.4	4.4	0.3	10.4	0.6	16.4	1.0
45	0° 56'.3	0° 56'.4	0° 53'.7	4.5	0.3	10.5	0.6	16.5	1.0
46	0° 56'.5	0° 56'.7	0° 53'.9	4.6	0.3	10.6	0.6	16.6	1.0
47	0° 56'.7	0° 56'.9	0° 54'.2	4.7	0.3	10.7	0.6	16.7	1.0
48	0° 57'.0	0° 57'.2	0° 54'.4	4.8	0.3	10.8	0.6	16.8	1.0
49	0° 57'.2	0° 57'.4	0° 54'.6	4.9	0.3	10.9	0.6	16.9	1.0
50	0° 57'.5	0° 57'.7	0° 54'.9	5.0	0.3	11.0	0.6	17.0	1.0
51	0° 57'.8	0° 57'.9	0° 55'.1	5.1	0.3	11.1	0.6	17.1	1.0
52	0° 58'.0	0° 58'.2	0° 55'.4	5.2	0.3	11.2	0.7	17.2	1.0
53	0° 58'.3	0° 58'.4	0° 55'.6	5.3	0.3	11.3	0.7	17.3	1.0
54	0° 58'.5	0° 58'.7	0° 55'.8	5.4	0.3	11.4	0.7	17.4	1.0
55	0° 58'.7	0° 58'.9	0° 56'.1	5.5	0.3	11.5	0.7	17.5	1.0
56	0° 59'.0	0° 59'.2	0° 56'.3	5.6	0.3	11.6	0.7	17.6	1.0
57	0° 59'.2	0° 59'.4	0° 56'.6	5.7	0.3	11.7	0.7	17.7	1.0
58	0° 59'.5	0° 59'.7	0° 56'.8	5.8	0.3	11.8	0.7	17.8	1.0
59	0° 59'.8	0° 59'.9	0° 57'.0	5.9	0.3	11.9	0.7	17.9	1.0
60	1° 00'.0	1° 00'.2	0° 57'.3	6.0	0.4	12.0	0.7	18.0	1.1

INCREMENTS AND CORRECTIONS

4^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	1° 00'.0	1° 00'.2	0° 57'.3	0.0	0.0	6.0	0.5	12.0	0.9
01	1° 00'.2	1° 00'.4	0° 57'.5	0.1	0.0	6.1	0.5	12.1	0.9
02	1° 00'.5	1° 00'.7	0° 57'.7	0.2	0.0	6.2	0.5	12.2	0.9
03	1° 00'.7	1° 00'.9	0° 58'.0	0.3	0.0	6.3	0.5	12.3	0.9
04	1° 01'.0	1° 01'.2	0° 58'.2	0.4	0.0	6.4	0.5	12.4	0.9
05	1° 01'.3	1° 01'.4	0° 58'.5	0.5	0.0	6.5	0.5	12.5	0.9
06	1° 01'.5	1° 01'.7	0° 58'.7	0.6	0.0	6.6	0.5	12.6	0.9
07	1° 01'.8	1° 01'.9	0° 58'.9	0.7	0.1	6.7	0.5	12.7	1.0
08	1° 02'.0	1° 02'.2	0° 59'.2	0.8	0.1	6.8	0.5	12.8	1.0
09	1° 02'.2	1° 02'.4	0° 59'.4	0.9	0.1	6.9	0.5	12.9	1.0
10	1° 02'.5	1° 02'.7	0° 59'.7	1.0	0.1	7.0	0.5	13.0	1.0
11	1° 02'.8	1° 02'.9	0° 59'.9	1.1	0.1	7.1	0.5	13.1	1.0
12	1° 03'.0	1° 03'.2	1° 00'.1	1.2	0.1	7.2	0.5	13.2	1.0
13	1° 03'.3	1° 03'.4	1° 00'.4	1.3	0.1	7.3	0.5	13.3	1.0
14	1° 03'.5	1° 03'.7	1° 00'.6	1.4	0.1	7.4	0.6	13.4	1.0
15	1° 03'.7	1° 03'.9	1° 00'.8	1.5	0.1	7.5	0.6	13.5	1.0
16	1° 04'.0	1° 04'.2	1° 01'.1	1.6	0.1	7.6	0.6	13.6	1.0
17	1° 04'.2	1° 04'.4	1° 01'.3	1.7	0.1	7.7	0.6	13.7	1.0
18	1° 04'.5	1° 04'.7	1° 01'.6	1.8	0.1	7.8	0.6	13.8	1.0
19	1° 04'.8	1° 04'.9	1° 01'.8	1.9	0.1	7.9	0.6	13.9	1.0
20	1° 05'.0	1° 05'.2	1° 02'.0	2.0	0.2	8.0	0.6	14.0	1.1
21	1° 05'.3	1° 05'.4	1° 02'.3	2.1	0.2	8.1	0.6	14.1	1.1
22	1° 05'.5	1° 05'.7	1° 02'.5	2.2	0.2	8.2	0.6	14.2	1.1
23	1° 05'.7	1° 05'.9	1° 02'.8	2.3	0.2	8.3	0.6	14.3	1.1
24	1° 06'.0	1° 06'.2	1° 03'.0	2.4	0.2	8.4	0.6	14.4	1.1
25	1° 06'.3	1° 06'.4	1° 03'.2	2.5	0.2	8.5	0.6	14.5	1.1
26	1° 06'.5	1° 06'.7	1° 03'.5	2.6	0.2	8.6	0.6	14.6	1.1
27	1° 06'.8	1° 06'.9	1° 03'.7	2.7	0.2	8.7	0.7	14.7	1.1
28	1° 07'.0	1° 07'.2	1° 03'.9	2.8	0.2	8.8	0.7	14.8	1.1
29	1° 07'.2	1° 07'.4	1° 04'.2	2.9	0.2	8.9	0.7	14.9	1.1
30	1° 07'.5	1° 07'.7	1° 04'.4	3.0	0.2	9.0	0.7	15.0	1.1
31	1° 07'.7	1° 07'.9	1° 04'.7	3.1	0.2	9.1	0.7	15.1	1.1
32	1° 08'.0	1° 08'.2	1° 04'.9	3.2	0.2	9.2	0.7	15.2	1.1
33	1° 08'.3	1° 08'.4	1° 05'.1	3.3	0.2	9.3	0.7	15.3	1.1
34	1° 08'.5	1° 08'.7	1° 05'.4	3.4	0.3	9.4	0.7	15.4	1.2
35	1° 08'.7	1° 08'.9	1° 05'.6	3.5	0.3	9.5	0.7	15.5	1.2
36	1° 09'.0	1° 09'.2	1° 05'.9	3.6	0.3	9.6	0.7	15.6	1.2
37	1° 09'.2	1° 09'.4	1° 06'.1	3.7	0.3	9.7	0.7	15.7	1.2
38	1° 09'.5	1° 09'.7	1° 06'.3	3.8	0.3	9.8	0.7	15.8	1.2
39	1° 09'.8	1° 09'.9	1° 06'.6	3.9	0.3	9.9	0.7	15.9	1.2
40	1° 10'.0	1° 10'.2	1° 06'.8	4.0	0.3	10.0	0.8	16.0	1.2
41	1° 10'.3	1° 10'.4	1° 07'.0	4.1	0.3	10.1	0.8	16.1	1.2
42	1° 10'.5	1° 10'.7	1° 07'.3	4.2	0.3	10.2	0.8	16.2	1.2
43	1° 10'.7	1° 10'.9	1° 07'.5	4.3	0.3	10.3	0.8	16.3	1.2
44	1° 11'.0	1° 11'.2	1° 07'.8	4.4	0.3	10.4	0.8	16.4	1.2
45	1° 11'.2	1° 11'.4	1° 08'.0	4.5	0.3	10.5	0.8	16.5	1.2
46	1° 11'.5	1° 11'.7	1° 08'.2	4.6	0.3	10.6	0.8	16.6	1.2
47	1° 11'.8	1° 11'.9	1° 08'.5	4.7	0.4	10.7	0.8	16.7	1.3
48	1° 12'.0	1° 12'.2	1° 08'.7	4.8	0.4	10.8	0.8	16.8	1.3
49	1° 12'.2	1° 12'.5	1° 09'.0	4.9	0.4	10.9	0.8	16.9	1.3
50	1° 12'.5	1° 12'.7	1° 09'.2	5.0	0.4	11.0	0.8	17.0	1.3
51	1° 12'.7	1° 13'.0	1° 09'.4	5.1	0.4	11.1	0.8	17.1	1.3
52	1° 13'.0	1° 13'.2	1° 09'.7	5.2	0.4	11.2	0.8	17.2	1.3
53	1° 13'.3	1° 13'.5	1° 09'.9	5.3	0.4	11.3	0.8	17.3	1.3
54	1° 13'.5	1° 13'.7	1° 10'.2	5.4	0.4	11.4	0.9	17.4	1.3
55	1° 13'.8	1° 14'.0	1° 10'.4	5.5	0.4	11.5	0.9	17.5	1.3
56	1° 14'.0	1° 14'.2	1° 10'.6	5.6	0.4	11.6	0.9	17.6	1.3
57	1° 14'.2	1° 14'.5	1° 10'.9	5.7	0.4	11.7	0.9	17.7	1.3
58	1° 14'.5	1° 14'.7	1° 11'.1	5.8	0.4	11.8	0.9	17.8	1.3
59	1° 14'.8	1° 15'.0	1° 11'.3	5.9	0.4	11.9	0.9	17.9	1.3
60	1° 15'.0	1° 15'.2	1° 11'.6	6.0	0.5	12.0	0.9	18.0	1.4

5^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	1° 15'.0	1° 15'.2	1° 11'.6	0.0	0.0	6.0	0.6	12.0	1.1
01	1° 15'.3	1° 15'.5	1° 11'.8	0.1	0.0	6.1	0.6	12.1	1.1
02	1° 15'.5	1° 15'.7	1° 12'.1	0.2	0.0	6.2	0.6	12.2	1.1
03	1° 15'.7	1° 16'.0	1° 12'.3	0.3	0.0	6.3	0.6	12.3	1.1
04	1° 16'.0	1° 16'.2	1° 12'.5	0.4	0.0	6.4	0.6	12.4	1.1
05	1° 16'.2	1° 16'.5	1° 12'.8	0.5	0.0	6.5	0.6	12.5	1.1
06	1° 16'.5	1° 16'.7	1° 13'.0	0.6	0.1	6.6	0.6	12.6	1.2
07	1° 16'.8	1° 17'.0	1° 13'.3	0.7	0.1	6.7	0.6	12.7	1.2
08	1° 17'.0	1° 17'.2	1° 13'.5	0.8	0.1	6.8	0.6	12.8	1.2
09	1° 17'.3	1° 17'.5	1° 13'.7	0.9	0.1	6.9	0.6	12.9	1.2
10	1° 17'.5	1° 17'.7	1° 14'.0	1.0	0.1	7.0	0.6	13.0	1.2
11	1° 17'.7	1° 18'.0	1° 14'.2	1.1	0.1	7.1	0.7	13.1	1.2
12	1° 18'.0	1° 18'.2	1° 14'.4	1.2	0.1	7.2	0.7	13.2	1.2
13	1° 18'.3	1° 18'.5	1° 14'.7	1.3	0.1	7.3	0.7	13.3	1.2
14	1° 18'.5	1° 18'.7	1° 14'.9	1.4	0.1	7.4	0.7	13.4	1.2
15	1° 18'.8	1° 19'.0	1° 15'.2	1.5	0.1	7.5	0.7	13.5	1.2
16	1° 19'.0	1° 19'.2	1° 15'.4	1.6	0.1	7.6	0.7	13.6	1.2
17	1° 19'.2	1° 19'.5	1° 15'.6	1.7	0.2	7.7	0.7	13.7	1.3
18	1° 19'.5	1° 19'.7	1° 15'.9	1.8	0.2	7.8	0.7	13.8	1.3
19	1° 19'.7	1° 20'.0	1° 16'.1	1.9	0.2	7.9	0.7	13.9	1.3
20	1° 20'.0	1° 20'.2	1° 16'.4	2.0	0.2	8.0	0.7	14.0	1.3
21	1° 20'.3	1° 20'.5	1° 16'.6	2.1	0.2	8.1	0.7	14.1	1.3
22	1° 20'.5	1° 20'.7	1° 16'.8	2.2	0.2	8.2	0.8	14.2	1.3
23	1° 20'.7	1° 21'.0	1° 17'.1	2.3	0.2	8.3	0.8	14.3	1.3
24	1° 21'.0	1° 21'.2	1° 17'.3	2.4	0.2	8.4	0.8	14.4	1.3
25	1° 21'.2	1° 21'.5	1° 17'.5	2.5	0.2	8.5	0.8	14.5	1.3
26	1° 21'.5	1° 21'.7	1° 17'.8	2.6	0.2	8.6	0.8	14.6	1.3
27	1° 21'.8	1° 22'.0	1° 18'.0	2.7	0.2	8.7	0.8	14.7	1.3
28	1° 22'.0	1° 22'.2	1° 18'.3	2.8	0.3	8.8	0.8	14.8	1.4
29	1° 22'.3	1° 22'.5	1° 18'.5	2.9	0.3	8.9	0.8	14.9	1.4
30	1° 22'.5	1° 22'.7	1° 18'.7	3.0	0.3	9.0	0.8	15.0	1.4
31	1° 22'.7	1° 23'.0	1° 19'.0	3.1	0.3	9.1	0.8	15.1	1.4
32	1° 23'.0	1° 23'.2	1° 19'.2	3.2	0.3	9.2	0.8	15.2	1.4
33	1° 23'.2	1° 23'.5	1° 19'.5	3.3	0.3	9.3	0.9	15.3	1.4
34	1° 23'.5	1° 23'.7	1° 19'.7	3.4	0.3	9.4	0.9	15.4	1.4
35	1° 23'.8	1° 24'.0	1° 19'.9	3.5	0.3	9.5	0.9	15.5	1.4
36	1° 24'.0	1° 24'.2	1° 20'.2	3.6	0.3	9.6	0.9	15.6	1.4
37	1° 24'.2	1° 24'.5	1° 20'.4	3.7	0.3	9.7	0.9	15.7	1.4
38	1° 24'.5	1° 24'.7	1° 20'.7	3.8	0.3	9.8	0.9	15.8	1.4
39	1° 24'.7	1° 25'.0	1° 20'.9	3.9	0.4	9.9	0.9	15.9	1.5
40	1° 25'.0	1° 25'.2	1° 21'.1	4.0	0.4	10.0	0.9	16.0	1.5
41	1° 25'.3	1° 25'.5	1° 21'.4	4.1	0.4	10.1	0.9	16.1	1.5
42	1° 25'.5	1° 25'.7	1° 21'.6	4.2	0.4	10.2	0.9	16.2	1.5
43	1° 25'.8	1° 26'.0	1° 21'.8	4.3	0.4	10.3	0.9	16.3	1.5
44	1° 26'.0	1° 26'.2	1° 22'.1	4.4	0.4	10.4	1.0	16.4	1.5
45	1° 26'.2	1° 26'.5	1° 22'.3	4.5	0.4	10.5	1.0	16.5	1.5
46	1° 26'.5	1° 26'.7	1° 22'.6	4.6	0.4	10.6	1.0	16.6	1.5
47	1° 26'.7	1° 27'.0	1° 22'.8	4.7	0.4	10.7	1.0	16.7	1.5
48	1° 27'.0	1° 27'.2	1° 23'.0	4.8	0.4	10.8	1.0	16.8	1.5
49	1° 27'.3	1° 27'.5	1° 23'.3	4.9	0.4	10.9	1.0	16.9	1.5
50	1° 27'.5	1° 27'.7	1° 23'.5	5.0	0.5	11.0	1.0	17.0	1.6
51	1° 27'.7	1° 28'.0	1° 23'.8	5.1	0.5	11.1	1.0	17.1	1.6
52	1° 28'.0	1° 28'.2	1° 24'.0	5.2	0.5	11.2	1.0	17.2	1.6
53	1° 28'.3	1° 28'.5	1° 24'.2	5.3	0.5	11.3	1.0	17.3	1.6
54	1° 28'.5	1° 28'.7	1° 24'.5	5.4	0.5	11.4	1.0	17.4	1.6
55	1° 28'.8	1° 29'.0	1° 24'.7	5.5	0.5	11.5	1.1	17.5	1.6
56	1° 29'.0	1° 29'.2	1° 24'.9	5.6	0.5	11.6	1.1	17.6	1.6
57	1° 29'.3	1° 29'.5	1° 25'.2	5.7	0.5	11.7	1.1	17.7	1.6
58	1° 29'.5	1° 29'.7	1° 25'.4	5.8	0.5	11.8	1.1	17.8	1.6
59	1° 29'.7	1° 30'.0	1° 25'.7	5.9	0.5	11.9	1.1	17.9	1.6
60	1° 30'.0	1° 30'.3	1° 25'.9	6.0	0.6	12.0	1.1	18.0	1.7

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	1° 30'.0	1° 30'.3	1° 25'.9	0.0	0.0	6.0	0.7	12.0	1.3
01	1° 30'.3	1° 30'.5	1° 26'.1	0.1	0.0	6.1	0.7	12.1	1.3
02	1° 30'.5	1° 30'.8	1° 26'.4	0.2	0.0	6.2	0.7	12.2	1.3
03	1° 30'.8	1° 31'.0	1° 26'.6	0.3	0.0	6.3	0.7	12.3	1.3
04	1° 31'.0	1° 31'.3	1° 26'.9	0.4	0.0	6.4	0.7	12.4	1.3
05	1° 31'.2	1° 31'.5	1° 27'.1	0.5	0.1	6.5	0.7	12.5	1.4
06	1° 31'.5	1° 31'.8	1° 27'.3	0.6	0.1	6.6	0.7	12.6	1.4
07	1° 31'.7	1° 32'.0	1° 27'.6	0.7	0.1	6.7	0.7	12.7	1.4
08	1° 32'.0	1° 32'.3	1° 27'.8	0.8	0.1	6.8	0.7	12.8	1.4
09	1° 32'.3	1° 32'.5	1° 28'.0	0.9	0.1	6.9	0.7	12.9	1.4
10	1° 32'.5	1° 32'.8	1° 28'.3	1.0	0.1	7.0	0.8	13.0	1.4
11	1° 32'.8	1° 33'.0	1° 28'.5	1.1	0.1	7.1	0.8	13.1	1.4
12	1° 33'.0	1° 33'.3	1° 28'.8	1.2	0.1	7.2	0.8	13.2	1.4
13	1° 33'.2	1° 33'.5	1° 29'.0	1.3	0.1	7.3	0.8	13.3	1.4
14	1° 33'.5	1° 33'.8	1° 29'.2	1.4	0.2	7.4	0.8	13.4	1.5
15	1° 33'.8	1° 34'.0	1° 29'.5	1.5	0.2	7.5	0.8	13.5	1.5
16	1° 34'.0	1° 34'.3	1° 29'.7	1.6	0.2	7.6	0.8	13.6	1.5
17	1° 34'.3	1° 34'.5	1° 30'.0	1.7	0.2	7.7	0.8	13.7	1.5
18	1° 34'.5	1° 34'.8	1° 30'.2	1.8	0.2	7.8	0.8	13.8	1.5
19	1° 34'.7	1° 35'.0	1° 30'.4	1.9	0.2	7.9	0.9	13.9	1.5
20	1° 35'.0	1° 35'.3	1° 30'.7	2.0	0.2	8.0	0.9	14.0	1.5
21	1° 35'.2	1° 35'.5	1° 30'.9	2.1	0.2	8.1	0.9	14.1	1.5
22	1° 35'.5	1° 35'.8	1° 31'.1	2.2	0.2	8.2	0.9	14.2	1.5
23	1° 35'.8	1° 36'.0	1° 31'.4	2.3	0.2	8.3	0.9	14.3	1.5
24	1° 36'.0	1° 36'.3	1° 31'.6	2.4	0.3	8.4	0.9	14.4	1.6
25	1° 36'.2	1° 36'.5	1° 31'.9	2.5	0.3	8.5	0.9	14.5	1.6
26	1° 36'.5	1° 36'.8	1° 32'.1	2.6	0.3	8.6	0.9	14.6	1.6
27	1° 36'.7	1° 37'.0	1° 32'.3	2.7	0.3	8.7	0.9	14.7	1.6
28	1° 37'.0	1° 37'.3	1° 32'.6	2.8	0.3	8.8	1.0	14.8	1.6
29	1° 37'.3	1° 37'.5	1° 32'.8	2.9	0.3	8.9	1.0	14.9	1.6
30	1° 37'.5	1° 37'.8	1° 33'.1	3.0	0.3	9.0	1.0	15.0	1.6
31	1° 37'.8	1° 38'.0	1° 33'.3	3.1	0.3	9.1	1.0	15.1	1.6
32	1° 38'.0	1° 38'.3	1° 33'.5	3.2	0.3	9.2	1.0	15.2	1.6
33	1° 38'.2	1° 38'.5	1° 33'.8	3.3	0.4	9.3	1.0	15.3	1.7
34	1° 38'.5	1° 38'.8	1° 34'.0	3.4	0.4	9.4	1.0	15.4	1.7
35	1° 38'.7	1° 39'.0	1° 34'.3	3.5	0.4	9.5	1.0	15.5	1.7
36	1° 39'.0	1° 39'.3	1° 34'.5	3.6	0.4	9.6	1.0	15.6	1.7
37	1° 39'.3	1° 39'.5	1° 34'.7	3.7	0.4	9.7	1.1	15.7	1.7
38	1° 39'.5	1° 39'.8	1° 35'.0	3.8	0.4	9.8	1.1	15.8	1.7
39	1° 39'.7	1° 40'.0	1° 35'.2	3.9	0.4	9.9	1.1	15.9	1.7
40	1° 40'.0	1° 40'.3	1° 35'.4	4.0	0.4	10.0	1.1	16.0	1.7
41	1° 40'.2	1° 40'.5	1° 35'.7	4.1	0.4	10.1	1.1	16.1	1.7
42	1° 40'.5	1° 40'.8	1° 35'.9	4.2	0.5	10.2	1.1	16.2	1.8
43	1° 40'.8	1° 41'.0	1° 36'.2	4.3	0.5	10.3	1.1	16.3	1.8
44	1° 41'.0	1° 41'.3	1° 36'.4	4.4	0.5	10.4	1.1	16.4	1.8
45	1° 41'.3	1° 41'.5	1° 36'.6	4.5	0.5	10.5	1.1	16.5	1.8
46	1° 41'.5	1° 41'.8	1° 36'.9	4.6	0.5	10.6	1.1	16.6	1.8
47	1° 41'.7	1° 42'.0	1° 37'.1	4.7	0.5	10.7	1.2	16.7	1.8
48	1° 42'.0	1° 42'.3	1° 37'.4	4.8	0.5	10.8	1.2	16.8	1.8
49	1° 42'.3	1° 42'.5	1° 37'.6	4.9	0.5	10.9	1.2	16.9	1.8
50	1° 42'.5	1° 42'.8	1° 37'.8	5.0	0.5	11.0	1.2	17.0	1.8
51	1° 42'.8	1° 43'.0	1° 38'.1	5.1	0.6	11.1	1.2	17.1	1.9
52	1° 43'.0	1° 43'.3	1° 38'.3	5.2	0.6	11.2	1.2	17.2	1.9
53	1° 43'.2	1° 43'.5	1° 38'.5	5.3	0.6	11.3	1.2	17.3	1.9
54	1° 43'.5	1° 43'.8	1° 38'.8	5.4	0.6	11.4	1.2	17.4	1.9
55	1° 43'.7	1° 44'.0	1° 39'.0	5.5	0.6	11.5	1.2	17.5	1.9
56	1° 44'.0	1° 44'.3	1° 39'.3	5.6	0.6	11.6	1.3	17.6	1.9
57	1° 44'.3	1° 44'.5	1° 39'.5	5.7	0.6	11.7	1.3	17.7	1.9
58	1° 44'.5	1° 44'.8	1° 39'.7	5.8	0.6	11.8	1.3	17.8	1.9
59	1° 44'.8	1° 45'.0	1° 40'.0	5.9	0.6	11.9	1.3	17.9	1.9
60	1° 45'.0	1° 45'.3	1° 40'.2	6.0	0.7	12.0	1.3	18.0	2.0

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	1° 45'.0	1° 45'.3	1° 40'.2	0.0	0.0	6.0	0.8	12.0	1.5
01	1° 45'.2	1° 45'.5	1° 40'.5	0.1	0.0	6.1	0.8	12.1	1.5
02	1° 45'.5	1° 45'.8	1° 40'.7	0.2	0.0	6.2	0.8	12.2	1.5
03	1° 45'.8	1° 46'.0	1° 40'.9	0.3	0.0	6.3	0.8	12.3	1.5
04	1° 46'.0	1° 46'.3	1° 41'.2	0.4	0.1	6.4	0.8	12.4	1.6
05	1° 46'.3	1° 46'.5	1° 41'.4	0.5	0.1	6.5	0.8	12.5	1.6
06	1° 46'.5	1° 46'.8	1° 41'.6	0.6	0.1	6.6	0.8	12.6	1.6
07	1° 46'.7	1° 47'.0	1° 41'.9	0.7	0.1	6.7	0.8	12.7	1.6
08	1° 47'.0	1° 47'.3	1° 42'.1	0.8	0.1	6.8	0.9	12.8	1.6
09	1° 47'.2	1° 47'.5	1° 42'.4	0.9	0.1	6.9	0.9	12.9	1.6
10	1° 47'.5	1° 47'.8	1° 42'.6	1.0	0.1	7.0	0.9	13.0	1.6
11	1° 47'.7	1° 48'.0	1° 42'.8	1.1	0.1	7.1	0.9	13.1	1.6
12	1° 48'.0	1° 48'.3	1° 43'.1	1.2	0.2	7.2	0.9	13.2	1.7
13	1° 48'.3	1° 48'.6	1° 43'.3	1.3	0.2	7.3	0.9	13.3	1.7
14	1° 48'.5	1° 48'.8	1° 43'.6	1.4	0.2	7.4	0.9	13.4	1.7
15	1° 48'.7	1° 49'.1	1° 43'.8	1.5	0.2	7.5	0.9	13.5	1.7
16	1° 49'.0	1° 49'.3	1° 44'.0	1.6	0.2	7.6	1.0	13.6	1.7
17	1° 49'.2	1° 49'.6	1° 44'.3	1.7	0.2	7.7	1.0	13.7	1.7
18	1° 49'.5	1° 49'.8	1° 44'.5	1.8	0.2	7.8	1.0	13.8	1.7
19	1° 49'.8	1° 50'.1	1° 44'.8	1.9	0.2	7.9	1.0	13.9	1.7
20	1° 50'.0	1° 50'.3	1° 45'.0	2.0	0.3	8.0	1.0	14.0	1.8
21	1° 50'.2	1° 50'.6	1° 45'.2	2.1	0.3	8.1	1.0	14.1	1.8
22	1° 50'.5	1° 50'.8	1° 45'.5	2.2	0.3	8.2	1.0	14.2	1.8
23	1° 50'.8	1° 51'.1	1° 45'.7	2.3	0.3	8.3	1.0	14.3	1.8
24	1° 51'.0	1° 51'.3	1° 45'.9	2.4	0.3	8.4	1.1	14.4	1.8
25	1° 51'.3	1° 51'.6	1° 46'.2	2.5	0.3	8.5	1.1	14.5	1.8
26	1° 51'.5	1° 51'.8	1° 46'.4	2.6	0.3	8.6	1.1	14.6	1.8
27	1° 51'.7	1° 52'.1	1° 46'.7	2.7	0.3	8.7	1.1	14.7	1.8
28	1° 52'.0	1° 52'.3	1° 46'.9	2.8	0.4	8.8	1.1	14.8	1.9
29	1° 52'.3	1° 52'.6	1° 47'.1	2.9	0.4	8.9	1.1	14.9	1.9
30	1° 52'.5	1° 52'.8	1° 47'.4	3.0	0.4	9.0	1.1	15.0	1.9
31	1° 52'.8	1° 53'.1	1° 47'.6	3.1	0.4	9.1	1.1	15.1	1.9
32	1° 53'.0	1° 53'.3	1° 47'.9	3.2	0.4	9.2	1.2	15.2	1.9
33	1° 53'.2	1° 53'.6	1° 48'.1	3.3	0.4	9.3	1.2	15.3	1.9
34	1° 53'.5	1° 53'.8	1° 48'.3	3.4	0.4	9.4	1.2	15.4	1.9
35	1° 53'.8	1° 54'.1	1° 48'.6	3.5	0.4	9.5	1.2	15.5	1.9
36	1° 54'.0	1° 54'.3	1° 48'.8	3.6	0.5	9.6	1.2	15.6	2.0
37	1° 54'.3	1° 54'.6	1° 49'.0	3.7	0.5	9.7	1.2	15.7	2.0
38	1° 54'.5	1° 54'.8	1° 49'.3	3.8	0.5	9.8	1.2	15.8	2.0
39	1° 54'.7	1° 55'.1	1° 49'.5	3.9	0.5	9.9	1.2	15.9	2.0
40	1° 55'.0	1° 55'.3	1° 49'.8	4.0	0.5	10.0	1.3	16.0	2.0
41	1° 55'.3	1° 55'.6	1° 50'.0	4.1	0.5	10.1	1.3	16.1	2.0
42	1° 55'.5	1° 55'.8	1° 50'.2	4.2	0.5	10.2	1.3	16.2	2.0
43	1° 55'.7	1° 56'.1	1° 50'.5	4.3	0.5	10.3	1.3	16.3	2.0
44	1° 56'.0	1° 56'.3	1° 50'.7	4.4	0.6	10.4	1.3	16.4	2.1
45	1° 56'.2	1° 56'.6	1° 51'.0	4.5	0.6	10.5	1.3	16.5	2.1
46	1° 56'.5	1° 56'.8	1° 51'.2	4.6	0.6	10.6	1.3	16.6	2.1
47	1° 56'.8	1° 57'.1	1° 51'.4	4.7	0.6	10.7	1.3	16.7	2.1
48	1° 57'.0	1° 57'.3	1° 51'.7	4.8	0.6	10.8	1.4	16.8	2.1
49	1° 57'.2	1° 57'.6	1° 51'.9	4.9	0.6	10.9	1.4	16.9	2.1
50	1° 57'.5	1° 57'.8	1° 52'.1	5.0	0.6	11.0	1.4	17.0	2.1
51	1° 57'.7	1° 58'.1	1° 52'.4	5.1	0.6	11.1	1.4	17.1	2.1
52	1° 58'.0	1° 58'.3	1° 52'.6	5.2	0.7	11.2	1.4	17.2	2.2
53	1° 58'.3	1° 58'.6	1° 52'.9	5.3	0.7	11.3	1.4	17.3	2.2
54	1° 58'.5	1° 58'.8	1° 53'.1	5.4	0.7	11.4	1.4	17.4	2.2
55	1° 58'.7	1° 59'.1	1° 53'.3	5.5	0.7	11.5	1.4	17.5	2.2
56	1° 59'.0	1° 59'.3	1° 53'.6	5.6	0.7	11.6	1.5	17.6	2.2
57	1° 59'.3	1° 59'.6	1° 53'.8	5.7	0.7	11.7	1.5	17.7	2.2
58	1° 59'.5	1° 59'.8	1° 54'.1	5.8	0.7	11.8	1.5	17.8	2.2
59	1° 59'.8	2° 00'.1	1° 54'.3	5.9	0.7	11.9	1.5	17.9	2.2
60	2° 00'.0	2° 00'.3	1° 54'.5	6.0	0.8	12.0	1.5	18.0	2.3

INCREMENTS AND CORRECTIONS

8m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	2° 00'.0	2° 00'.3	1° 54'.5	0.0	0.0	6.0	0.9	12.0	1.7
01	2° 00'.2	2° 00'.6	1° 54'.8	0.1	0.0	6.1	0.9	12.1	1.7
02	2° 00'.5	2° 00'.8	1° 55'.0	0.2	0.0	6.2	0.9	12.2	1.7
03	2° 00'.8	2° 01'.1	1° 55'.2	0.3	0.0	6.3	0.9	12.3	1.7
04	2° 01'.0	2° 01'.3	1° 55'.5	0.4	0.1	6.4	0.9	12.4	1.8
05	2° 01'.3	2° 01'.6	1° 55'.7	0.5	0.1	6.5	0.9	12.5	1.8
06	2° 01'.5	2° 01'.8	1° 56'.0	0.6	0.1	6.6	0.9	12.6	1.8
07	2° 01'.7	2° 02'.1	1° 56'.2	0.7	0.1	6.7	0.9	12.7	1.8
08	2° 02'.0	2° 02'.3	1° 56'.4	0.8	0.1	6.8	1.0	12.8	1.8
09	2° 02'.3	2° 02'.6	1° 56'.7	0.9	0.1	6.9	1.0	12.9	1.8
10	2° 02'.5	2° 02'.8	1° 56'.9	1.0	0.1	7.0	1.0	13.0	1.8
11	2° 02'.7	2° 03'.1	1° 57'.2	1.1	0.2	7.1	1.0	13.1	1.9
12	2° 03'.0	2° 03'.3	1° 57'.4	1.2	0.2	7.2	1.0	13.2	1.9
13	2° 03'.2	2° 03'.6	1° 57'.6	1.3	0.2	7.3	1.0	13.3	1.9
14	2° 03'.5	2° 03'.8	1° 57'.9	1.4	0.2	7.4	1.0	13.4	1.9
15	2° 03'.8	2° 04'.1	1° 58'.1	1.5	0.2	7.5	1.1	13.5	1.9
16	2° 04'.0	2° 04'.3	1° 58'.4	1.6	0.2	7.6	1.1	13.6	1.9
17	2° 04'.2	2° 04'.6	1° 58'.6	1.7	0.2	7.7	1.1	13.7	1.9
18	2° 04'.5	2° 04'.8	1° 58'.8	1.8	0.3	7.8	1.1	13.8	2.0
19	2° 04'.7	2° 05'.1	1° 59'.1	1.9	0.3	7.9	1.1	13.9	2.0
20	2° 05'.0	2° 05'.3	1° 59'.3	2.0	0.3	8.0	1.1	14.0	2.0
21	2° 05'.3	2° 05'.6	1° 59'.5	2.1	0.3	8.1	1.1	14.1	2.0
22	2° 05'.5	2° 05'.8	1° 59'.8	2.2	0.3	8.2	1.2	14.2	2.0
23	2° 05'.7	2° 06'.1	2° 00'.0	2.3	0.3	8.3	1.2	14.3	2.0
24	2° 06'.0	2° 06'.4	2° 00'.3	2.4	0.3	8.4	1.2	14.4	2.0
25	2° 06'.3	2° 06'.6	2° 00'.5	2.5	0.4	8.5	1.2	14.5	2.1
26	2° 06'.5	2° 06'.9	2° 00'.7	2.6	0.4	8.6	1.2	14.6	2.1
27	2° 06'.8	2° 07'.1	2° 01'.0	2.7	0.4	8.7	1.2	14.7	2.1
28	2° 07'.0	2° 07'.4	2° 01'.2	2.8	0.4	8.8	1.2	14.8	2.1
29	2° 07'.2	2° 07'.6	2° 01'.5	2.9	0.4	8.9	1.3	14.9	2.1
30	2° 07'.5	2° 07'.9	2° 01'.7	3.0	0.4	9.0	1.3	15.0	2.1
31	2° 07'.8	2° 08'.1	2° 01'.9	3.1	0.4	9.1	1.3	15.1	2.1
32	2° 08'.0	2° 08'.4	2° 02'.2	3.2	0.5	9.2	1.3	15.2	2.2
33	2° 08'.3	2° 08'.6	2° 02'.4	3.3	0.5	9.3	1.3	15.3	2.2
34	2° 08'.5	2° 08'.9	2° 02'.6	3.4	0.5	9.4	1.3	15.4	2.2
35	2° 08'.7	2° 09'.1	2° 02'.9	3.5	0.5	9.5	1.3	15.5	2.2
36	2° 09'.0	2° 09'.4	2° 03'.1	3.6	0.5	9.6	1.4	15.6	2.2
37	2° 09'.3	2° 09'.6	2° 03'.4	3.7	0.5	9.7	1.4	15.7	2.2
38	2° 09'.5	2° 09'.9	2° 03'.6	3.8	0.5	9.8	1.4	15.8	2.2
39	2° 09'.8	2° 10'.1	2° 03'.8	3.9	0.6	9.9	1.4	15.9	2.3
40	2° 10'.0	2° 10'.4	2° 04'.1	4.0	0.6	10.0	1.4	16.0	2.3
41	2° 10'.2	2° 10'.6	2° 04'.3	4.1	0.6	10.1	1.4	16.1	2.3
42	2° 10'.5	2° 10'.9	2° 04'.6	4.2	0.6	10.2	1.4	16.2	2.3
43	2° 10'.8	2° 11'.1	2° 04'.8	4.3	0.6	10.3	1.5	16.3	2.3
44	2° 11'.0	2° 11'.4	2° 05'.0	4.4	0.6	10.4	1.5	16.4	2.3
45	2° 11'.2	2° 11'.6	2° 05'.3	4.5	0.6	10.5	1.5	16.5	2.3
46	2° 11'.5	2° 11'.9	2° 05'.5	4.6	0.7	10.6	1.5	16.6	2.4
47	2° 11'.7	2° 12'.1	2° 05'.7	4.7	0.7	10.7	1.5	16.7	2.4
48	2° 12'.0	2° 12'.4	2° 06'.0	4.8	0.7	10.8	1.5	16.8	2.4
49	2° 12'.3	2° 12'.6	2° 06'.2	4.9	0.7	10.9	1.5	16.9	2.4
50	2° 12'.5	2° 12'.9	2° 06'.5	5.0	0.7	11.0	1.6	17.0	2.4
51	2° 12'.7	2° 13'.1	2° 06'.7	5.1	0.7	11.1	1.6	17.1	2.4
52	2° 13'.0	2° 13'.4	2° 06'.9	5.2	0.7	11.2	1.6	17.2	2.4
53	2° 13'.2	2° 13'.6	2° 07'.2	5.3	0.8	11.3	1.6	17.3	2.5
54	2° 13'.5	2° 13'.9	2° 07'.4	5.4	0.8	11.4	1.6	17.4	2.5
55	2° 13'.8	2° 14'.1	2° 07'.7	5.5	0.8	11.5	1.6	17.5	2.5
56	2° 14'.0	2° 14'.4	2° 07'.9	5.6	0.8	11.6	1.6	17.6	2.5
57	2° 14'.2	2° 14'.6	2° 08'.1	5.7	0.8	11.7	1.7	17.7	2.5
58	2° 14'.5	2° 14'.9	2° 08'.4	5.8	0.8	11.8	1.7	17.8	2.5
59	2° 14'.8	2° 15'.1	2° 08'.6	5.9	0.8	11.9	1.7	17.9	2.5
60	2° 15'.0	2° 15'.4	2° 08'.9	6.0	0.9	12.0	1.7	18.0	2.6

9m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	2° 15'.0	2° 15'.4	2° 08'.9	0.0	0.0	6.0	1.0	12.0	1.9
01	2° 15'.3	2° 15'.6	2° 09'.1	0.1	0.0	6.1	1.0	12.1	1.9
02	2° 15'.5	2° 15'.9	2° 09'.3	0.2	0.0	6.2	1.0	12.2	1.9
03	2° 15'.7	2° 16'.1	2° 09'.6	0.3	0.0	6.3	1.0	12.3	1.9
04	2° 16'.0	2° 16'.4	2° 09'.8	0.4	0.1	6.4	1.0	12.4	2.0
05	2° 16'.3	2° 16'.6	2° 10'.0	0.5	0.1	6.5	1.0	12.5	2.0
06	2° 16'.5	2° 16'.9	2° 10'.3	0.6	0.1	6.6	1.0	12.6	2.0
07	2° 16'.8	2° 17'.1	2° 10'.5	0.7	0.1	6.7	1.1	12.7	2.0
08	2° 17'.0	2° 17'.4	2° 10'.8	0.8	0.1	6.8	1.1	12.8	2.0
09	2° 17'.2	2° 17'.6	2° 11'.0	0.9	0.1	6.9	1.1	12.9	2.0
10	2° 17'.5	2° 17'.9	2° 11'.2	1.0	0.2	7.0	1.1	13.0	2.1
11	2° 17'.8	2° 18'.1	2° 11'.5	1.1	0.2	7.1	1.1	13.1	2.1
12	2° 18'.0	2° 18'.4	2° 11'.7	1.2	0.2	7.2	1.1	13.2	2.1
13	2° 18'.2	2° 18'.6	2° 12'.0	1.3	0.2	7.3	1.2	13.3	2.1
14	2° 18'.5	2° 18'.9	2° 12'.2	1.4	0.2	7.4	1.2	13.4	2.1
15	2° 18'.7	2° 19'.1	2° 12'.4	1.5	0.2	7.5	1.2	13.5	2.1
16	2° 19'.0	2° 19'.4	2° 12'.7	1.6	0.3	7.6	1.2	13.6	2.2
17	2° 19'.3	2° 19'.6	2° 12'.9	1.7	0.3	7.7	1.2	13.7	2.2
18	2° 19'.5	2° 19'.9	2° 13'.1	1.8	0.3	7.8	1.2	13.8	2.2
19	2° 19'.7	2° 20'.1	2° 13'.4	1.9	0.3	7.9	1.3	13.9	2.2
20	2° 20'.0	2° 20'.4	2° 13'.6	2.0	0.3	8.0	1.3	14.0	2.2
21	2° 20'.2	2° 20'.6	2° 13'.9	2.1	0.3	8.1	1.3	14.1	2.2
22	2° 20'.5	2° 20'.9	2° 14'.1	2.2	0.3	8.2	1.3	14.2	2.2
23	2° 20'.8	2° 21'.1	2° 14'.3	2.3	0.4	8.3	1.3	14.3	2.3
24	2° 21'.0	2° 21'.4	2° 14'.6	2.4	0.4	8.4	1.3	14.4	2.3
25	2° 21'.2	2° 21'.6	2° 14'.8	2.5	0.4	8.5	1.3	14.5	2.3
26	2° 21'.5	2° 21'.9	2° 15'.1	2.6	0.4	8.6	1.4	14.6	2.3
27	2° 21'.7	2° 22'.1	2° 15'.3	2.7	0.4	8.7	1.4	14.7	2.3
28	2° 22'.0	2° 22'.4	2° 15'.5	2.8	0.4	8.8	1.4	14.8	2.3
29	2° 22'.3	2° 22'.6	2° 15'.8	2.9	0.5	8.9	1.4	14.9	2.4
30	2° 22'.5	2° 22'.9	2° 16'.0	3.0	0.5	9.0	1.4	15.0	2.4
31	2° 22'.7	2° 23'.1	2° 16'.2	3.1	0.5	9.1	1.4	15.1	2.4
32	2° 23'.0	2° 23'.4	2° 16'.5	3.2	0.5	9.2	1.5	15.2	2.4
33	2° 23'.3	2° 23'.6	2° 16'.7	3.3	0.5	9.3	1.5	15.3	2.4
34	2° 23'.5	2° 23'.9	2° 17'.0	3.4	0.5	9.4	1.5	15.4	2.4
35	2° 23'.8	2° 24'.1	2° 17'.2	3.5	0.6	9.5	1.5	15.5	2.5
36	2° 24'.0	2° 24'.4	2° 17'.4	3.6	0.6	9.6	1.5	15.6	2.5
37	2° 24'.2	2° 24'.7	2° 17'.7	3.7	0.6	9.7	1.5	15.7	2.5
38	2° 24'.5	2° 24'.9	2° 17'.9	3.8	0.6	9.8	1.6	15.8	2.5
39	2° 24'.8	2° 25'.2	2° 18'.2	3.9	0.6	9.9	1.6	15.9	2.5
40	2° 25'.0	2° 25'.4	2° 18'.4	4.0	0.6	10.0	1.6	16.0	2.5
41	2° 25'.3	2° 25'.7	2° 18'.6	4.1	0.6	10.1	1.6	16.1	2.5
42	2° 25'.5	2° 25'.9	2° 18'.9	4.2	0.7	10.2	1.6	16.2	2.6
43	2° 25'.7	2° 26'.2	2° 19'.1	4.3	0.7	10.3	1.6	16.3	2.6
44	2° 26'.0	2° 26'.4	2° 19'.3	4.4	0.7	10.4	1.6	16.4	2.6
45	2° 26'.3	2° 26'.7	2° 19'.6	4.5	0.7	10.5	1.7	16.5	2.6
46	2° 26'.5	2° 26'.9	2° 19'.8	4.6	0.7	10.6	1.7	16.6	2.6
47	2° 26'.7	2° 27'.2	2° 20'.1	4.7	0.7	10.7	1.7	16.7	2.6
48	2° 27'.0	2° 27'.4	2° 20'.3	4.8	0.8	10.8	1.7	16.8	2.7
49	2° 27'.2	2° 27'.7	2° 20'.5	4.9	0.8	10.9	1.7	16.9	2.7
50	2° 27'.5	2° 27'.9	2° 20'.8	5.0	0.8	11.0	1.7	17.0	2.7
51	2° 27'.8	2° 28'.2	2° 21'.0	5.1	0.8	11.1	1.8	17.1	2.7
52	2° 28'.0	2° 28'.4	2° 21'.3	5.2	0.8	11.2	1.8	17.2	2.7
53	2° 28'.2	2° 28'.7	2° 21'.5	5.3	0.8	11.3	1.8	17.3	2.7
54	2° 28'.5	2° 28'.9	2° 21'.7	5.4	0.9	11.4	1.8	17.4	2.8
55	2° 28'.7	2° 29'.2	2° 22'.0	5.5	0.9	11.5	1.8	17.5	2.8
56	2° 29'.0	2° 29'.4	2° 22'.2	5.6	0.9	11.6	1.8	17.6	2.8
57	2° 29'.3	2° 29'.7	2° 22'.5	5.7	0.9	11.7	1.9	17.7	2.8
58	2° 29'.5	2° 29'.9	2° 22'.7	5.8	0.9	11.8	1.9	17.8	2.8
59	2° 29'.7	2° 30'.2	2° 22'.9	5.9	0.9	11.9	1.9	17.9	2.8
60	2° 30'.0	2° 30'.4	2° 23'.2	6.0	1.0	12.0	1.9	18.0	2.9

10m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	2° 30'.0	2° 30'.4	2° 23'.2	0.0	0.0	6.0	1.1	12.0	2.1
01	2° 30'.3	2° 30'.7	2° 23'.4	0.1	0.0	6.1	1.1	12.1	2.1
02	2° 30'.5	2° 30'.9	2° 23'.6	0.2	0.0	6.2	1.1	12.2	2.1
03	2° 30'.8	2° 31'.2	2° 23'.9	0.3	0.1	6.3	1.1	12.3	2.2
04	2° 31'.0	2° 31'.4	2° 24'.1	0.4	0.1	6.4	1.1	12.4	2.2
05	2° 31'.2	2° 31'.7	2° 24'.4	0.5	0.1	6.5	1.1	12.5	2.2
06	2° 31'.5	2° 31'.9	2° 24'.6	0.6	0.1	6.6	1.2	12.6	2.2
07	2° 31'.8	2° 32'.2	2° 24'.8	0.7	0.1	6.7	1.2	12.7	2.2
08	2° 32'.0	2° 32'.4	2° 25'.1	0.8	0.1	6.8	1.2	12.8	2.2
09	2° 32'.3	2° 32'.7	2° 25'.3	0.9	0.2	6.9	1.2	12.9	2.3
10	2° 32'.5	2° 32'.9	2° 25'.6	1.0	0.2	7.0	1.2	13.0	2.3
11	2° 32'.7	2° 33'.2	2° 25'.8	1.1	0.2	7.1	1.2	13.1	2.3
12	2° 33'.0	2° 33'.4	2° 26'.0	1.2	0.2	7.2	1.3	13.2	2.3
13	2° 33'.3	2° 33'.7	2° 26'.3	1.3	0.2	7.3	1.3	13.3	2.3
14	2° 33'.5	2° 33'.9	2° 26'.5	1.4	0.2	7.4	1.3	13.4	2.3
15	2° 33'.8	2° 34'.2	2° 26'.7	1.5	0.3	7.5	1.3	13.5	2.4
16	2° 34'.0	2° 34'.4	2° 27'.0	1.6	0.3	7.6	1.3	13.6	2.4
17	2° 34'.2	2° 34'.7	2° 27'.2	1.7	0.3	7.7	1.3	13.7	2.4
18	2° 34'.5	2° 34'.9	2° 27'.5	1.8	0.3	7.8	1.4	13.8	2.4
19	2° 34'.8	2° 35'.2	2° 27'.7	1.9	0.3	7.9	1.4	13.9	2.4
20	2° 35'.0	2° 35'.4	2° 27'.9	2.0	0.4	8.0	1.4	14.0	2.5
21	2° 35'.2	2° 35'.7	2° 28'.2	2.1	0.4	8.1	1.4	14.1	2.5
22	2° 35'.5	2° 35'.9	2° 28'.4	2.2	0.4	8.2	1.4	14.2	2.5
23	2° 35'.7	2° 36'.2	2° 28'.7	2.3	0.4	8.3	1.5	14.3	2.5
24	2° 36'.0	2° 36'.4	2° 28'.9	2.4	0.4	8.4	1.5	14.4	2.5
25	2° 36'.3	2° 36'.7	2° 29'.1	2.5	0.4	8.5	1.5	14.5	2.5
26	2° 36'.5	2° 36'.9	2° 29'.4	2.6	0.5	8.6	1.5	14.6	2.6
27	2° 36'.7	2° 37'.2	2° 29'.6	2.7	0.5	8.7	1.5	14.7	2.6
28	2° 37'.0	2° 37'.4	2° 29'.8	2.8	0.5	8.8	1.5	14.8	2.6
29	2° 37'.2	2° 37'.7	2° 30'.1	2.9	0.5	8.9	1.6	14.9	2.6
30	2° 37'.5	2° 37'.9	2° 30'.3	3.0	0.5	9.0	1.6	15.0	2.6
31	2° 37'.8	2° 38'.2	2° 30'.6	3.1	0.5	9.1	1.6	15.1	2.6
32	2° 38'.0	2° 38'.4	2° 30'.8	3.2	0.6	9.2	1.6	15.2	2.7
33	2° 38'.2	2° 38'.7	2° 31'.0	3.3	0.6	9.3	1.6	15.3	2.7
34	2° 38'.5	2° 38'.9	2° 31'.3	3.4	0.6	9.4	1.6	15.4	2.7
35	2° 38'.8	2° 39'.2	2° 31'.5	3.5	0.6	9.5	1.7	15.5	2.7
36	2° 39'.0	2° 39'.4	2° 31'.8	3.6	0.6	9.6	1.7	15.6	2.7
37	2° 39'.3	2° 39'.7	2° 32'.0	3.7	0.6	9.7	1.7	15.7	2.7
38	2° 39'.5	2° 39'.9	2° 32'.2	3.8	0.7	9.8	1.7	15.8	2.8
39	2° 39'.7	2° 40'.2	2° 32'.5	3.9	0.7	9.9	1.7	15.9	2.8
40	2° 40'.0	2° 40'.4	2° 32'.7	4.0	0.7	10.0	1.8	16.0	2.8
41	2° 40'.3	2° 40'.7	2° 32'.9	4.1	0.7	10.1	1.8	16.1	2.8
42	2° 40'.5	2° 40'.9	2° 33'.2	4.2	0.7	10.2	1.8	16.2	2.8
43	2° 40'.8	2° 41'.2	2° 33'.4	4.3	0.8	10.3	1.8	16.3	2.9
44	2° 41'.0	2° 41'.4	2° 33'.7	4.4	0.8	10.4	1.8	16.4	2.9
45	2° 41'.2	2° 41'.7	2° 33'.9	4.5	0.8	10.5	1.8	16.5	2.9
46	2° 41'.5	2° 41'.9	2° 34'.1	4.6	0.8	10.6	1.9	16.6	2.9
47	2° 41'.8	2° 42'.2	2° 34'.4	4.7	0.8	10.7	1.9	16.7	2.9
48	2° 42'.0	2° 42'.5	2° 34'.6	4.8	0.8	10.8	1.9	16.8	2.9
49	2° 42'.2	2° 42'.7	2° 34'.9	4.9	0.9	10.9	1.9	16.9	3.0
50	2° 42'.5	2° 43'.0	2° 35'.1	5.0	0.9	11.0	1.9	17.0	3.0
51	2° 42'.7	2° 43'.2	2° 35'.3	5.1	0.9	11.1	1.9	17.1	3.0
52	2° 43'.0	2° 43'.5	2° 35'.6	5.2	0.9	11.2	2.0	17.2	3.0
53	2° 43'.3	2° 43'.7	2° 35'.8	5.3	0.9	11.3	2.0	17.3	3.0
54	2° 43'.5	2° 44'.0	2° 36'.1	5.4	0.9	11.4	2.0	17.4	3.0
55	2° 43'.7	2° 44'.2	2° 36'.3	5.5	1.0	11.5	2.0	17.5	3.1
56	2° 44'.0	2° 44'.5	2° 36'.5	5.6	1.0	11.6	2.0	17.6	3.1
57	2° 44'.2	2° 44'.7	2° 36'.8	5.7	1.0	11.7	2.0	17.7	3.1
58	2° 44'.5	2° 45'.0	2° 37'.0	5.8	1.0	11.8	2.1	17.8	3.1
59	2° 44'.8	2° 45'.2	2° 37'.2	5.9	1.0	11.9	2.1	17.9	3.1
60	2° 45'.0	2° 45'.5	2° 37'.5	6.0	1.1	12.0	2.1	18.0	3.2

11m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	2° 45'.0	2° 45'.5	2° 37'.5	0.0	0.0	6.0	1.2	12.0	2.3
01	2° 45'.2	2° 45'.7	2° 37'.7	0.1	0.0	6.1	1.2	12.1	2.3
02	2° 45'.5	2° 46'.0	2° 38'.0	0.2	0.0	6.2	1.2	12.2	2.3
03	2° 45'.8	2° 46'.2	2° 38'.2	0.3	0.1	6.3	1.2	12.3	2.4
04	2° 46'.0	2° 46'.5	2° 38'.4	0.4	0.1	6.4	1.2	12.4	2.4
05	2° 46'.3	2° 46'.7	2° 38'.7	0.5	0.1	6.5	1.2	12.5	2.4
06	2° 46'.5	2° 47'.0	2° 38'.9	0.6	0.1	6.6	1.3	12.6	2.4
07	2° 46'.7	2° 47'.2	2° 39'.2	0.7	0.1	6.7	1.3	12.7	2.4
08	2° 47'.0	2° 47'.5	2° 39'.4	0.8	0.2	6.8	1.3	12.8	2.5
09	2° 47'.3	2° 47'.7	2° 39'.6	0.9	0.2	6.9	1.3	12.9	2.5
10	2° 47'.5	2° 48'.0	2° 39'.9	1.0	0.2	7.0	1.3	13.0	2.5
11	2° 47'.8	2° 48'.2	2° 40'.1	1.1	0.2	7.1	1.4	13.1	2.5
12	2° 48'.0	2° 48'.5	2° 40'.3	1.2	0.2	7.2	1.4	13.2	2.5
13	2° 48'.2	2° 48'.7	2° 40'.6	1.3	0.2	7.3	1.4	13.3	2.5
14	2° 48'.5	2° 49'.0	2° 40'.8	1.4	0.3	7.4	1.4	13.4	2.6
15	2° 48'.8	2° 49'.2	2° 41'.1	1.5	0.3	7.5	1.4	13.5	2.6
16	2° 49'.0	2° 49'.5	2° 41'.3	1.6	0.3	7.6	1.5	13.6	2.6
17	2° 49'.3	2° 49'.7	2° 41'.5	1.7	0.3	7.7	1.5	13.7	2.6
18	2° 49'.5	2° 50'.0	2° 41'.8	1.8	0.3	7.8	1.5	13.8	2.6
19	2° 49'.7	2° 50'.2	2° 42'.0	1.9	0.4	7.9	1.5	13.9	2.7
20	2° 50'.0	2° 50'.5	2° 42'.3	2.0	0.4	8.0	1.5	14.0	2.7
21	2° 50'.3	2° 50'.7	2° 42'.5	2.1	0.4	8.1	1.6	14.1	2.7
22	2° 50'.5	2° 51'.0	2° 42'.7	2.2	0.4	8.2	1.6	14.2	2.7
23	2° 50'.7	2° 51'.2	2° 43'.0	2.3	0.4	8.3	1.6	14.3	2.7
24	2° 51'.0	2° 51'.5	2° 43'.2	2.4	0.5	8.4	1.6	14.4	2.8
25	2° 51'.2	2° 51'.7	2° 43'.4	2.5	0.5	8.5	1.6	14.5	2.8
26	2° 51'.5	2° 52'.0	2° 43'.7	2.6	0.5	8.6	1.6	14.6	2.8
27	2° 51'.8	2° 52'.2	2° 43'.9	2.7	0.5	8.7	1.7	14.7	2.8
28	2° 52'.0	2° 52'.5	2° 44'.2	2.8	0.5	8.8	1.7	14.8	2.8
29	2° 52'.2	2° 52'.7	2° 44'.4	2.9	0.6	8.9	1.7	14.9	2.9
30	2° 52'.5	2° 53'.0	2° 44'.6	3.0	0.6	9.0	1.7	15.0	2.9
31	2° 52'.7	2° 53'.2	2° 44'.9	3.1	0.6	9.1	1.7	15.1	2.9
32	2° 53'.0	2° 53'.5	2° 45'.1	3.2	0.6	9.2	1.8	15.2	2.9
33	2° 53'.3	2° 53'.7	2° 45'.4	3.3	0.6	9.3	1.8	15.3	2.9
34	2° 53'.5	2° 54'.0	2° 45'.6	3.4	0.7	9.4	1.8	15.4	3.0
35	2° 53'.7	2° 54'.2	2° 45'.8	3.5	0.7	9.5	1.8	15.5	3.0
36	2° 54'.0	2° 54'.5	2° 46'.1	3.6	0.7	9.6	1.8	15.6	3.0
37	2° 54'.3	2° 54'.7	2° 46'.3	3.7	0.7	9.7	1.9	15.7	3.0
38	2° 54'.5	2° 55'.0	2° 46'.6	3.8	0.7	9.8	1.9	15.8	3.0
39	2° 54'.8	2° 55'.2	2° 46'.8	3.9	0.7	9.9	1.9	15.9	3.0
40	2° 55'.0	2° 55'.5	2° 47'.0	4.0	0.8	10.0	1.9	16.0	3.1
41	2° 55'.2	2° 55'.7	2° 47'.3	4.1	0.8	10.1	1.9	16.1	3.1
42	2° 55'.5	2° 56'.0	2° 47'.5	4.2	0.8	10.2	2.0	16.2	3.1
43	2° 55'.8	2° 56'.2	2° 47'.7	4.3	0.8	10.3	2.0	16.3	3.1
44	2° 56'.0	2° 56'.5	2° 48'.0	4.4	0.8	10.4	2.0	16.4	3.1
45	2° 56'.3	2° 56'.7	2° 48'.2	4.5	0.9	10.5	2.0	16.5	3.2
46	2° 56'.5	2° 57'.0	2° 48'.5	4.6	0.9	10.6	2.0	16.6	3.2
47	2° 56'.7	2° 57'.2	2° 48'.7	4.7	0.9	10.7	2.1	16.7	3.2
48	2° 57'.0	2° 57'.5	2° 48'.9	4.8	0.9	10.8	2.1	16.8	3.2
49	2° 57'.3	2° 57'.7	2° 49'.2	4.9	0.9	10.9	2.1	16.9	3.2
50	2° 57'.5	2° 58'.0	2° 49'.4	5.0	1.0	11.0	2.1	17.0	3.3
51	2° 57'.7	2° 58'.2	2° 49'.7	5.1	1.0	11.1	2.1	17.1	3.3
52	2° 58'.0	2° 58'.5	2° 49'.9	5.2	1.0	11.2	2.1	17.2	3.3
53	2° 58'.2	2° 58'.7	2° 50'.1	5.3	1.0	11.3	2.2	17.3	3.3
54	2° 58'.5	2° 59'.0	2° 50'.4	5.4	1.0	11.4	2.2	17.4	3.3
55	2° 58'.8	2° 59'.2	2° 50'.6	5.5	1.1	11.5	2.2	17.5	3.4
56	2° 59'.0	2° 59'.5	2° 50'.8	5.6	1.1	11.6	2.2	17.6	3.4
57	2° 59'.2	2° 59'.7	2° 51'.1	5.7	1.1	11.7	2.2	17.7	3.4
58	2° 59'.5	3° 00'.0	2° 51'.3	5.8	1.1	11.8	2.3	17.8	3.4
59	2° 59'.7	3° 00'.2	2° 51'.6	5.9	1.1	11.9	2.3	17.9	3.4
60	3° 00'.0	3° 00'.5	2° 51'.8	6.0	1.2	12.0	2.3	18.0	3.5

12m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	3° 00'.0	3° 00'.5	2° 51'.8	0.0	0.0	6.0	1.3	12.0	2.5
01	3° 00'.3	3° 00'.8	2° 52'.0	0.1	0.0	6.1	1.3	12.1	2.5
02	3° 00'.5	3° 01'.0	2° 52'.3	0.2	0.0	6.2	1.3	12.2	2.5
03	3° 00'.7	3° 01'.3	2° 52'.5	0.3	0.1	6.3	1.3	12.3	2.6
04	3° 01'.0	3° 01'.5	2° 52'.8	0.4	0.1	6.4	1.3	12.4	2.6
05	3° 01'.2	3° 01'.8	2° 53'.0	0.5	0.1	6.5	1.4	12.5	2.6
06	3° 01'.5	3° 02'.0	2° 53'.2	0.6	0.1	6.6	1.4	12.6	2.6
07	3° 01'.8	3° 02'.3	2° 53'.5	0.7	0.1	6.7	1.4	12.7	2.6
08	3° 02'.0	3° 02'.5	2° 53'.7	0.8	0.2	6.8	1.4	12.8	2.7
09	3° 02'.2	3° 02'.8	2° 53'.9	0.9	0.2	6.9	1.4	12.9	2.7
10	3° 02'.5	3° 03'.0	2° 54'.2	1.0	0.2	7.0	1.5	13.0	2.7
11	3° 02'.8	3° 03'.3	2° 54'.4	1.1	0.2	7.1	1.5	13.1	2.7
12	3° 03'.0	3° 03'.5	2° 54'.7	1.2	0.3	7.2	1.5	13.2	2.8
13	3° 03'.3	3° 03'.8	2° 54'.9	1.3	0.3	7.3	1.5	13.3	2.8
14	3° 03'.5	3° 04'.0	2° 55'.1	1.4	0.3	7.4	1.5	13.4	2.8
15	3° 03'.7	3° 04'.3	2° 55'.4	1.5	0.3	7.5	1.6	13.5	2.8
16	3° 04'.0	3° 04'.5	2° 55'.6	1.6	0.3	7.6	1.6	13.6	2.8
17	3° 04'.3	3° 04'.8	2° 55'.9	1.7	0.4	7.7	1.6	13.7	2.9
18	3° 04'.5	3° 05'.0	2° 56'.1	1.8	0.4	7.8	1.6	13.8	2.9
19	3° 04'.8	3° 05'.3	2° 56'.3	1.9	0.4	7.9	1.6	13.9	2.9
20	3° 05'.0	3° 05'.5	2° 56'.6	2.0	0.4	8.0	1.7	14.0	2.9
21	3° 05'.2	3° 05'.8	2° 56'.8	2.1	0.4	8.1	1.7	14.1	2.9
22	3° 05'.5	3° 06'.0	2° 57'.0	2.2	0.5	8.2	1.7	14.2	3.0
23	3° 05'.8	3° 06'.3	2° 57'.3	2.3	0.5	8.3	1.7	14.3	3.0
24	3° 06'.0	3° 06'.5	2° 57'.5	2.4	0.5	8.4	1.8	14.4	3.0
25	3° 06'.2	3° 06'.8	2° 57'.8	2.5	0.5	8.5	1.8	14.5	3.0
26	3° 06'.5	3° 07'.0	2° 58'.0	2.6	0.5	8.6	1.8	14.6	3.0
27	3° 06'.7	3° 07'.3	2° 58'.2	2.7	0.6	8.7	1.8	14.7	3.1
28	3° 07'.0	3° 07'.5	2° 58'.5	2.8	0.6	8.8	1.8	14.8	3.1
29	3° 07'.3	3° 07'.8	2° 58'.7	2.9	0.6	8.9	1.9	14.9	3.1
30	3° 07'.5	3° 08'.0	2° 59'.0	3.0	0.6	9.0	1.9	15.0	3.1
31	3° 07'.7	3° 08'.3	2° 59'.2	3.1	0.6	9.1	1.9	15.1	3.1
32	3° 08'.0	3° 08'.5	2° 59'.4	3.2	0.7	9.2	1.9	15.2	3.2
33	3° 08'.2	3° 08'.8	2° 59'.7	3.3	0.7	9.3	1.9	15.3	3.2
34	3° 08'.5	3° 09'.0	2° 59'.9	3.4	0.7	9.4	2.0	15.4	3.2
35	3° 08'.8	3° 09'.3	3° 00'.2	3.5	0.7	9.5	2.0	15.5	3.2
36	3° 09'.0	3° 09'.5	3° 00'.4	3.6	0.8	9.6	2.0	15.6	3.3
37	3° 09'.2	3° 09'.8	3° 00'.6	3.7	0.8	9.7	2.0	15.7	3.3
38	3° 09'.5	3° 10'.0	3° 00'.9	3.8	0.8	9.8	2.0	15.8	3.3
39	3° 09'.8	3° 10'.3	3° 01'.1	3.9	0.8	9.9	2.1	15.9	3.3
40	3° 10'.0	3° 10'.5	3° 01'.3	4.0	0.8	10.0	2.1	16.0	3.3
41	3° 10'.3	3° 10'.8	3° 01'.6	4.1	0.9	10.1	2.1	16.1	3.4
42	3° 10'.5	3° 11'.0	3° 01'.8	4.2	0.9	10.2	2.1	16.2	3.4
43	3° 10'.7	3° 11'.3	3° 02'.1	4.3	0.9	10.3	2.1	16.3	3.4
44	3° 11'.0	3° 11'.5	3° 02'.3	4.4	0.9	10.4	2.2	16.4	3.4
45	3° 11'.3	3° 11'.8	3° 02'.5	4.5	0.9	10.5	2.2	16.5	3.4
46	3° 11'.5	3° 12'.0	3° 02'.8	4.6	1.0	10.6	2.2	16.6	3.5
47	3° 11'.8	3° 12'.3	3° 03'.0	4.7	1.0	10.7	2.2	16.7	3.5
48	3° 12'.0	3° 12'.5	3° 03'.3	4.8	1.0	10.8	2.3	16.8	3.5
49	3° 12'.2	3° 12'.8	3° 03'.5	4.9	1.0	10.9	2.3	16.9	3.5
50	3° 12'.5	3° 13'.0	3° 03'.7	5.0	1.0	11.0	2.3	17.0	3.5
51	3° 12'.8	3° 13'.3	3° 04'.0	5.1	1.1	11.1	2.3	17.1	3.6
52	3° 13'.0	3° 13'.5	3° 04'.2	5.2	1.1	11.2	2.3	17.2	3.6
53	3° 13'.2	3° 13'.8	3° 04'.4	5.3	1.1	11.3	2.4	17.3	3.6
54	3° 13'.5	3° 14'.0	3° 04'.7	5.4	1.1	11.4	2.4	17.4	3.6
55	3° 13'.7	3° 14'.3	3° 04'.9	5.5	1.1	11.5	2.4	17.5	3.6
56	3° 14'.0	3° 14'.5	3° 05'.2	5.6	1.2	11.6	2.4	17.6	3.7
57	3° 14'.3	3° 14'.8	3° 05'.4	5.7	1.2	11.7	2.4	17.7	3.7
58	3° 14'.5	3° 15'.0	3° 05'.6	5.8	1.2	11.8	2.5	17.8	3.7
59	3° 14'.7	3° 15'.3	3° 05'.9	5.9	1.2	11.9	2.5	17.9	3.7
60	3° 15'.0	3° 15'.5	3° 06'.1	6.0	1.3	12.0	2.5	18.0	3.8

13m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	3° 15'.0	3° 15'.5	3° 06'.1	0.0	0.0	6.0	1.4	12.0	2.7
01	3° 15'.2	3° 15'.8	3° 06'.4	0.1	0.0	6.1	1.4	12.1	2.7
02	3° 15'.5	3° 16'.0	3° 06'.6	0.2	0.0	6.2	1.4	12.2	2.7
03	3° 15'.8	3° 16'.3	3° 06'.8	0.3	0.1	6.3	1.4	12.3	2.8
04	3° 16'.0	3° 16'.5	3° 07'.1	0.4	0.1	6.4	1.4	12.4	2.8
05	3° 16'.2	3° 16'.8	3° 07'.3	0.5	0.1	6.5	1.5	12.5	2.8
06	3° 16'.5	3° 17'.0	3° 07'.5	0.6	0.1	6.6	1.5	12.6	2.8
07	3° 16'.7	3° 17'.3	3° 07'.8	0.7	0.2	6.7	1.5	12.7	2.9
08	3° 17'.0	3° 17'.5	3° 08'.0	0.8	0.2	6.8	1.5	12.8	2.9
09	3° 17'.3	3° 17'.8	3° 08'.3	0.9	0.2	6.9	1.6	12.9	2.9
10	3° 17'.5	3° 18'.0	3° 08'.5	1.0	0.2	7.0	1.6	13.0	2.9
11	3° 17'.7	3° 18'.3	3° 08'.7	1.1	0.2	7.1	1.6	13.1	2.9
12	3° 18'.0	3° 18'.6	3° 09'.0	1.2	0.3	7.2	1.6	13.2	3.0
13	3° 18'.3	3° 18'.8	3° 09'.2	1.3	0.3	7.3	1.6	13.3	3.0
14	3° 18'.5	3° 19'.1	3° 09'.5	1.4	0.3	7.4	1.7	13.4	3.0
15	3° 18'.8	3° 19'.3	3° 09'.7	1.5	0.3	7.5	1.7	13.5	3.0
16	3° 19'.0	3° 19'.6	3° 09'.9	1.6	0.4	7.6	1.7	13.6	3.1
17	3° 19'.2	3° 19'.8	3° 10'.2	1.7	0.4	7.7	1.7	13.7	3.1
18	3° 19'.5	3° 20'.1	3° 10'.4	1.8	0.4	7.8	1.8	13.8	3.1
19	3° 19'.8	3° 20'.3	3° 10'.7	1.9	0.4	7.9	1.8	13.9	3.1
20	3° 20'.0	3° 20'.6	3° 10'.9	2.0	0.5	8.0	1.8	14.0	3.2
21	3° 20'.3	3° 20'.8	3° 11'.1	2.1	0.5	8.1	1.8	14.1	3.2
22	3° 20'.5	3° 21'.1	3° 11'.4	2.2	0.5	8.2	1.8	14.2	3.2
23	3° 20'.7	3° 21'.3	3° 11'.6	2.3	0.5	8.3	1.9	14.3	3.2
24	3° 21'.0	3° 21'.6	3° 11'.8	2.4	0.5	8.4	1.9	14.4	3.2
25	3° 21'.3	3° 21'.8	3° 12'.1	2.5	0.6	8.5	1.9	14.5	3.3
26	3° 21'.5	3° 22'.1	3° 12'.3	2.6	0.6	8.6	1.9	14.6	3.3
27	3° 21'.7	3° 22'.3	3° 12'.6	2.7	0.6	8.7	2.0	14.7	3.3
28	3° 22'.0	3° 22'.6	3° 12'.8	2.8	0.6	8.8	2.0	14.8	3.3
29	3° 22'.2	3° 22'.8	3° 13'.0	2.9	0.7	8.9	2.0	14.9	3.4
30	3° 22'.5	3° 23'.1	3° 13'.3	3.0	0.7	9.0	2.0	15.0	3.4
31	3° 22'.8	3° 23'.3	3° 13'.5	3.1	0.7	9.1	2.0	15.1	3.4
32	3° 23'.0	3° 23'.6	3° 13'.8	3.2	0.7	9.2	2.1	15.2	3.4
33	3° 23'.2	3° 23'.8	3° 14'.0	3.3	0.7	9.3	2.1	15.3	3.4
34	3° 23'.5	3° 24'.1	3° 14'.2	3.4	0.8	9.4	2.1	15.4	3.5
35	3° 23'.7	3° 24'.3	3° 14'.5	3.5	0.8	9.5	2.1	15.5	3.5
36	3° 24'.0	3° 24'.6	3° 14'.7	3.6	0.8	9.6	2.2	15.6	3.5
37	3° 24'.3	3° 24'.8	3° 14'.9	3.7	0.8	9.7	2.2	15.7	3.5
38	3° 24'.5	3° 25'.1	3° 15'.2	3.8	0.9	9.8	2.2	15.8	3.6
39	3° 24'.7	3° 25'.3	3° 15'.4	3.9	0.9	9.9	2.2	15.9	3.6
40	3° 25'.0	3° 25'.6	3° 15'.7	4.0	0.9	10.0	2.3	16.0	3.6
41	3° 25'.3	3° 25'.8	3° 15'.9	4.1	0.9	10.1	2.3	16.1	3.6
42	3° 25'.5	3° 26'.1	3° 16'.1	4.2	0.9	10.2	2.3	16.2	3.6
43	3° 25'.8	3° 26'.3	3° 16'.4	4.3	1.0	10.3	2.3	16.3	3.7
44	3° 26'.0	3° 26'.6	3° 16'.6	4.4	1.0	10.4	2.3	16.4	3.7
45	3° 26'.2	3° 26'.8	3° 16'.9	4.5	1.0	10.5	2.4	16.5	3.7
46	3° 26'.5	3° 27'.1	3° 17'.1	4.6	1.0	10.6	2.4	16.6	3.7
47	3° 26'.8	3° 27'.3	3° 17'.3	4.7	1.1	10.7	2.4	16.7	3.8
48	3° 27'.0	3° 27'.6	3° 17'.6	4.8	1.1	10.8	2.4	16.8	3.8
49	3° 27'.3	3° 27'.8	3° 17'.8	4.9	1.1	10.9	2.5	16.9	3.8
50	3° 27'.5	3° 28'.1	3° 18'.0	5.0	1.1	11.0	2.5	17.0	3.8
51	3° 27'.7	3° 28'.3	3° 18'.3	5.1	1.1	11.1	2.5	17.1	3.8
52	3° 28'.0	3° 28'.6	3° 18'.5	5.2	1.2	11.2	2.5	17.2	3.9
53	3° 28'.3	3° 28'.8	3° 18'.8	5.3	1.2	11.3	2.5	17.3	3.9
54	3° 28'.5	3° 29'.1	3° 19'.0	5.4	1.2	11.4	2.6	17.4	3.9
55	3° 28'.8	3° 29'.3	3° 19'.2	5.5	1.2	11.5	2.6	17.5	3.9
56	3° 29'.0	3° 29'.6	3° 19'.5	5.6	1.3	11.6	2.6	17.6	4.0
57	3° 29'.2	3° 29'.8	3° 19'.7	5.7	1.3	11.7	2.6	17.7	4.0
58	3° 29'.5	3° 30'.1	3° 20'.0	5.8	1.3	11.8	2.7	17.8	4.0
59	3° 29'.8	3° 30'.3	3° 20'.2	5.9	1.3	11.9	2.7	17.9	4.0
60	3° 30'.0	3° 30'.6	3° 20'.4	6.0	1.4	12.0	2.7	18.0	4.1

INCREMENTS AND CORRECTIONS

14m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	3° 30'.0	3° 30'.6	3° 20'.4	0.0	0.0	6.0	1.5	12.0	2.9
01	3° 30'.2	3° 30'.8	3° 20'.7	0.1	0.0	6.1	1.5	12.1	2.9
02	3° 30'.5	3° 31'.1	3° 20'.9	0.2	0.0	6.2	1.5	12.2	2.9
03	3° 30'.7	3° 31'.3	3° 21'.1	0.3	0.1	6.3	1.5	12.3	3.0
04	3° 31'.0	3° 31'.6	3° 21'.4	0.4	0.1	6.4	1.5	12.4	3.0
05	3° 31'.3	3° 31'.8	3° 21'.6	0.5	0.1	6.5	1.6	12.5	3.0
06	3° 31'.5	3° 32'.1	3° 21'.9	0.6	0.1	6.6	1.6	12.6	3.0
07	3° 31'.7	3° 32'.3	3° 22'.1	0.7	0.2	6.7	1.6	12.7	3.1
08	3° 32'.0	3° 32'.6	3° 22'.3	0.8	0.2	6.8	1.6	12.8	3.1
09	3° 32'.2	3° 32'.8	3° 22'.6	0.9	0.2	6.9	1.7	12.9	3.1
10	3° 32'.5	3° 33'.1	3° 22'.8	1.0	0.2	7.0	1.7	13.0	3.1
11	3° 32'.8	3° 33'.3	3° 23'.1	1.1	0.3	7.1	1.7	13.1	3.2
12	3° 33'.0	3° 33'.6	3° 23'.3	1.2	0.3	7.2	1.7	13.2	3.2
13	3° 33'.2	3° 33'.8	3° 23'.5	1.3	0.3	7.3	1.8	13.3	3.2
14	3° 33'.5	3° 34'.1	3° 23'.8	1.4	0.3	7.4	1.8	13.4	3.2
15	3° 33'.8	3° 34'.3	3° 24'.0	1.5	0.4	7.5	1.8	13.5	3.3
16	3° 34'.0	3° 34'.6	3° 24'.3	1.6	0.4	7.6	1.8	13.6	3.3
17	3° 34'.3	3° 34'.8	3° 24'.5	1.7	0.4	7.7	1.9	13.7	3.3
18	3° 34'.5	3° 35'.1	3° 24'.7	1.8	0.4	7.8	1.9	13.8	3.3
19	3° 34'.7	3° 35'.3	3° 25'.0	1.9	0.5	7.9	1.9	13.9	3.4
20	3° 35'.0	3° 35'.6	3° 25'.2	2.0	0.5	8.0	1.9	14.0	3.4
21	3° 35'.3	3° 35'.8	3° 25'.4	2.1	0.5	8.1	2.0	14.1	3.4
22	3° 35'.5	3° 36'.1	3° 25'.7	2.2	0.5	8.2	2.0	14.2	3.4
23	3° 35'.8	3° 36'.3	3° 25'.9	2.3	0.6	8.3	2.0	14.3	3.5
24	3° 36'.0	3° 36'.6	3° 26'.2	2.4	0.6	8.4	2.0	14.4	3.5
25	3° 36'.2	3° 36'.9	3° 26'.4	2.5	0.6	8.5	2.1	14.5	3.5
26	3° 36'.5	3° 37'.1	3° 26'.6	2.6	0.6	8.6	2.1	14.6	3.5
27	3° 36'.7	3° 37'.4	3° 26'.9	2.7	0.7	8.7	2.1	14.7	3.6
28	3° 37'.0	3° 37'.6	3° 27'.1	2.8	0.7	8.8	2.1	14.8	3.6
29	3° 37'.3	3° 37'.9	3° 27'.4	2.9	0.7	8.9	2.2	14.9	3.6
30	3° 37'.5	3° 38'.1	3° 27'.6	3.0	0.7	9.0	2.2	15.0	3.6
31	3° 37'.8	3° 38'.4	3° 27'.8	3.1	0.7	9.1	2.2	15.1	3.6
32	3° 38'.0	3° 38'.6	3° 28'.1	3.2	0.8	9.2	2.2	15.2	3.7
33	3° 38'.3	3° 38'.9	3° 28'.3	3.3	0.8	9.3	2.2	15.3	3.7
34	3° 38'.5	3° 39'.1	3° 28'.5	3.4	0.8	9.4	2.3	15.4	3.7
35	3° 38'.7	3° 39'.4	3° 28'.8	3.5	0.8	9.5	2.3	15.5	3.7
36	3° 39'.0	3° 39'.6	3° 29'.0	3.6	0.9	9.6	2.3	15.6	3.8
37	3° 39'.2	3° 39'.9	3° 29'.3	3.7	0.9	9.7	2.3	15.7	3.8
38	3° 39'.5	3° 40'.1	3° 29'.5	3.8	0.9	9.8	2.4	15.8	3.8
39	3° 39'.7	3° 40'.4	3° 29'.7	3.9	0.9	9.9	2.4	15.9	3.8
40	3° 40'.0	3° 40'.6	3° 30'.0	4.0	1.0	10.0	2.4	16.0	3.9
41	3° 40'.3	3° 40'.9	3° 30'.2	4.1	1.0	10.1	2.4	16.1	3.9
42	3° 40'.5	3° 41'.1	3° 30'.5	4.2	1.0	10.2	2.5	16.2	3.9
43	3° 40'.8	3° 41'.4	3° 30'.7	4.3	1.0	10.3	2.5	16.3	3.9
44	3° 41'.0	3° 41'.6	3° 30'.9	4.4	1.1	10.4	2.5	16.4	4.0
45	3° 41'.3	3° 41'.9	3° 31'.2	4.5	1.1	10.5	2.5	16.5	4.0
46	3° 41'.5	3° 42'.1	3° 31'.4	4.6	1.1	10.6	2.6	16.6	4.0
47	3° 41'.7	3° 42'.4	3° 31'.6	4.7	1.1	10.7	2.6	16.7	4.0
48	3° 42'.0	3° 42'.6	3° 31'.9	4.8	1.2	10.8	2.6	16.8	4.1
49	3° 42'.2	3° 42'.9	3° 32'.1	4.9	1.2	10.9	2.6	16.9	4.1
50	3° 42'.5	3° 43'.1	3° 32'.4	5.0	1.2	11.0	2.7	17.0	4.1
51	3° 42'.7	3° 43'.4	3° 32'.6	5.1	1.2	11.1	2.7	17.1	4.1
52	3° 43'.0	3° 43'.6	3° 32'.8	5.2	1.3	11.2	2.7	17.2	4.2
53	3° 43'.3	3° 43'.9	3° 33'.1	5.3	1.3	11.3	2.7	17.3	4.2
54	3° 43'.5	3° 44'.1	3° 33'.3	5.4	1.3	11.4	2.8	17.4	4.2
55	3° 43'.8	3° 44'.4	3° 33'.6	5.5	1.3	11.5	2.8	17.5	4.2
56	3° 44'.0	3° 44'.6	3° 33'.8	5.6	1.4	11.6	2.8	17.6	4.3
57	3° 44'.3	3° 44'.9	3° 34'.0	5.7	1.4	11.7	2.8	17.7	4.3
58	3° 44'.5	3° 45'.1	3° 34'.3	5.8	1.4	11.8	2.9	17.8	4.3
59	3° 44'.7	3° 45'.4	3° 34'.5	5.9	1.4	11.9	2.9	17.9	4.3
60	3° 45'.0	3° 45'.6	3° 34'.7	6.0	1.5	12.0	2.9	18.0	4.4

15m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	3° 45'.0	3° 45'.6	3° 34'.7	0.0	0.0	6.0	1.6	12.0	3.1
01	3° 45'.2	3° 45'.9	3° 35'.0	0.1	0.0	6.1	1.6	12.1	3.1
02	3° 45'.5	3° 46'.1	3° 35'.2	0.2	0.1	6.2	1.6	12.2	3.2
03	3° 45'.8	3° 46'.4	3° 35'.5	0.3	0.1	6.3	1.6	12.3	3.2
04	3° 46'.0	3° 46'.6	3° 35'.7	0.4	0.1	6.4	1.7	12.4	3.2
05	3° 46'.3	3° 46'.9	3° 35'.9	0.5	0.1	6.5	1.7	12.5	3.2
06	3° 46'.5	3° 47'.1	3° 36'.2	0.6	0.2	6.6	1.7	12.6	3.3
07	3° 46'.8	3° 47'.4	3° 36'.4	0.7	0.2	6.7	1.7	12.7	3.3
08	3° 47'.0	3° 47'.6	3° 36'.7	0.8	0.2	6.8	1.8	12.8	3.3
09	3° 47'.2	3° 47'.9	3° 36'.9	0.9	0.2	6.9	1.8	12.9	3.3
10	3° 47'.5	3° 48'.1	3° 37'.1	1.0	0.3	7.0	1.8	13.0	3.4
11	3° 47'.7	3° 48'.4	3° 37'.4	1.1	0.3	7.1	1.8	13.1	3.4
12	3° 48'.0	3° 48'.6	3° 37'.6	1.2	0.3	7.2	1.9	13.2	3.4
13	3° 48'.2	3° 48'.9	3° 37'.9	1.3	0.3	7.3	1.9	13.3	3.4
14	3° 48'.5	3° 49'.1	3° 38'.1	1.4	0.4	7.4	1.9	13.4	3.5
15	3° 48'.8	3° 49'.4	3° 38'.3	1.5	0.4	7.5	1.9	13.5	3.5
16	3° 49'.0	3° 49'.6	3° 38'.6	1.6	0.4	7.6	2.0	13.6	3.5
17	3° 49'.3	3° 49'.9	3° 38'.8	1.7	0.4	7.7	2.0	13.7	3.5
18	3° 49'.5	3° 50'.1	3° 39'.0	1.8	0.5	7.8	2.0	13.8	3.6
19	3° 49'.8	3° 50'.4	3° 39'.3	1.9	0.5	7.9	2.0	13.9	3.6
20	3° 50'.0	3° 50'.6	3° 39'.5	2.0	0.5	8.0	2.1	14.0	3.6
21	3° 50'.2	3° 50'.9	3° 39'.8	2.1	0.5	8.1	2.1	14.1	3.6
22	3° 50'.5	3° 51'.1	3° 40'.0	2.2	0.6	8.2	2.1	14.2	3.7
23	3° 50'.7	3° 51'.4	3° 40'.2	2.3	0.6	8.3	2.1	14.3	3.7
24	3° 51'.0	3° 51'.6	3° 40'.5	2.4	0.6	8.4	2.2	14.4	3.7
25	3° 51'.2	3° 51'.9	3° 40'.7	2.5	0.6	8.5	2.2	14.5	3.7
26	3° 51'.5	3° 52'.1	3° 41'.0	2.6	0.7	8.6	2.2	14.6	3.8
27	3° 51'.8	3° 52'.4	3° 41'.2	2.7	0.7	8.7	2.2	14.7	3.8
28	3° 52'.0	3° 52'.6	3° 41'.4	2.8	0.7	8.8	2.3	14.8	3.8
29	3° 52'.3	3° 52'.9	3° 41'.7	2.9	0.7	8.9	2.3	14.9	3.8
30	3° 52'.5	3° 53'.1	3° 41'.9	3.0	0.8	9.0	2.3	15.0	3.9
31	3° 52'.7	3° 53'.4	3° 42'.1	3.1	0.8	9.1	2.4	15.1	3.9
32	3° 53'.0	3° 53'.6	3° 42'.4	3.2	0.8	9.2	2.4	15.2	3.9
33	3° 53'.2	3° 53'.9	3° 42'.6	3.3	0.9	9.3	2.4	15.3	4.0
34	3° 53'.5	3° 54'.1	3° 42'.9	3.4	0.9	9.4	2.4	15.4	4.0
35	3° 53'.7	3° 54'.4	3° 43'.1	3.5	0.9	9.5	2.5	15.5	4.0
36	3° 54'.0	3° 54'.6	3° 43'.3	3.6	0.9	9.6	2.5	15.6	4.0
37	3° 54'.3	3° 54'.9	3° 43'.6	3.7	1.0	9.7	2.5	15.7	4.1
38	3° 54'.5	3° 55'.2	3° 43'.8	3.8	1.0	9.8	2.5	15.8	4.1
39	3° 54'.8	3° 55'.4	3° 44'.1	3.9	1.0	9.9	2.6	15.9	4.1
40	3° 55'.0	3° 55'.7	3° 44'.3	4.0	1.0	10.0	2.6	16.0	4.1
41	3° 55'.3	3° 55'.9	3° 44'.5	4.1	1.1	10.1	2.6	16.1	4.2
42	3° 55'.5	3° 56'.2	3° 44'.8	4.2	1.1	10.2	2.6	16.2	4.2
43	3° 55'.7	3° 56'.4	3° 45'.0	4.3	1.1	10.3	2.7	16.3	4.2
44	3° 56'.0	3° 56'.7	3° 45'.2	4.4	1.1	10.4	2.7	16.4	4.2
45	3° 56'.2	3° 56'.9	3° 45'.5	4.5	1.2	10.5	2.7	16.5	4.3
46	3° 56'.5	3° 57'.2	3° 45'.7	4.6	1.2	10.6	2.7	16.6	4.3
47	3° 56'.7	3° 57'.4	3° 46'.0	4.7	1.2	10.7	2.8	16.7	4.3
48	3° 57'.0	3° 57'.7	3° 46'.2	4.8	1.2	10.8	2.8	16.8	4.3
49	3° 57'.3	3° 57'.9	3° 46'.4	4.9	1.3	10.9	2.8	16.9	4.4
50	3° 57'.5	3° 58'.2	3° 46'.7	5.0	1.3	11.0	2.8	17.0	4.4
51	3° 57'.8	3° 58'.4	3° 46'.9	5.1	1.3	11.1	2.9	17.1	4.4
52	3° 58'.0	3° 58'.7	3° 47'.2	5.2	1.3	11.2	2.9	17.2	4.4
53	3° 58'.3	3° 58'.9	3° 47'.4	5.3	1.4	11.3	2.9	17.3	4.5
54	3° 58'.5	3° 59'.2	3° 47'.6	5.4	1.4	11.4	2.9	17.4	4.5
55	3° 58'.7	3° 59'.4	3° 47'.9	5.5	1.4	11.5	3.0	17.5	4.5
56	3° 59'.0	3° 59'.7	3° 48'.1	5.6	1.4	11.6	3.0	17.6	4.5
57	3° 59'.2	3° 59'.9	3° 48'.4	5.7	1.5	11.7	3.0	17.7	4.6
58	3° 59'.5	4° 00'.2	3° 48'.6	5.8	1.5	11.8	3.0	17.8	4.6
59	3° 59'.7	4° 00'.4	3° 48'.8	5.9	1.5	11.9	3.1	17.9	4.6
60	4° 00'.0	4° 00'.7	3° 49'.1	6.0	1.6	12.0	3.1	18.0	4.7

16m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	4° 00'.0	4° 00'.7	3° 49'.1	0.0	0.0	6.0	1.7	12.0	3.3
01	4° 00'.3	4° 00'.9	3° 49'.3	0.1	0.0	6.1	1.7	12.1	3.3
02	4° 00'.5	4° 01'.2	3° 49'.5	0.2	0.1	6.2	1.7	12.2	3.4
03	4° 00'.8	4° 01'.4	3° 49'.8	0.3	0.1	6.3	1.7	12.3	3.4
04	4° 01'.0	4° 01'.7	3° 50'.0	0.4	0.1	6.4	1.8	12.4	3.4
05	4° 01'.2	4° 01'.9	3° 50'.3	0.5	0.1	6.5	1.8	12.5	3.4
06	4° 01'.5	4° 02'.2	3° 50'.5	0.6	0.2	6.6	1.8	12.6	3.5
07	4° 01'.7	4° 02'.4	3° 50'.7	0.7	0.2	6.7	1.8	12.7	3.5
08	4° 02'.0	4° 02'.7	3° 51'.0	0.8	0.2	6.8	1.9	12.8	3.5
09	4° 02'.2	4° 02'.9	3° 51'.2	0.9	0.2	6.9	1.9	12.9	3.5
10	4° 02'.5	4° 03'.2	3° 51'.5	1.0	0.3	7.0	1.9	13.0	3.6
11	4° 02'.8	4° 03'.4	3° 51'.7	1.1	0.3	7.1	2.0	13.1	3.6
12	4° 03'.0	4° 03'.7	3° 51'.9	1.2	0.3	7.2	2.0	13.2	3.6
13	4° 03'.3	4° 03'.9	3° 52'.2	1.3	0.4	7.3	2.0	13.3	3.7
14	4° 03'.5	4° 04'.2	3° 52'.4	1.4	0.4	7.4	2.0	13.4	3.7
15	4° 03'.8	4° 04'.4	3° 52'.6	1.5	0.4	7.5	2.1	13.5	3.7
16	4° 04'.0	4° 04'.7	3° 52'.9	1.6	0.4	7.6	2.1	13.6	3.7
17	4° 04'.2	4° 04'.9	3° 53'.1	1.7	0.5	7.7	2.1	13.7	3.8
18	4° 04'.5	4° 05'.2	3° 53'.4	1.8	0.5	7.8	2.1	13.8	3.8
19	4° 04'.7	4° 05'.4	3° 53'.6	1.9	0.5	7.9	2.2	13.9	3.8
20	4° 05'.0	4° 05'.7	3° 53'.8	2.0	0.6	8.0	2.2	14.0	3.9
21	4° 05'.2	4° 05'.9	3° 54'.1	2.1	0.6	8.1	2.2	14.1	3.9
22	4° 05'.5	4° 06'.2	3° 54'.3	2.2	0.6	8.2	2.3	14.2	3.9
23	4° 05'.8	4° 06'.4	3° 54'.6	2.3	0.6	8.3	2.3	14.3	3.9
24	4° 06'.0	4° 06'.7	3° 54'.8	2.4	0.7	8.4	2.3	14.4	4.0
25	4° 06'.3	4° 06'.9	3° 55'.0	2.5	0.7	8.5	2.3	14.5	4.0
26	4° 06'.5	4° 07'.2	3° 55'.3	2.6	0.7	8.6	2.4	14.6	4.0
27	4° 06'.8	4° 07'.4	3° 55'.5	2.7	0.7	8.7	2.4	14.7	4.0
28	4° 07'.0	4° 07'.7	3° 55'.7	2.8	0.8	8.8	2.4	14.8	4.1
29	4° 07'.2	4° 07'.9	3° 56'.0	2.9	0.8	8.9	2.4	14.9	4.1
30	4° 07'.5	4° 08'.2	3° 56'.2	3.0	0.8	9.0	2.5	15.0	4.1
31	4° 07'.7	4° 08'.4	3° 56'.5	3.1	0.9	9.1	2.5	15.1	4.2
32	4° 08'.0	4° 08'.7	3° 56'.7	3.2	0.9	9.2	2.5	15.2	4.2
33	4° 08'.2	4° 08'.9	3° 56'.9	3.3	0.9	9.3	2.6	15.3	4.2
34	4° 08'.5	4° 09'.2	3° 57'.2	3.4	0.9	9.4	2.6	15.4	4.2
35	4° 08'.8	4° 09'.4	3° 57'.4	3.5	1.0	9.5	2.6	15.5	4.3
36	4° 09'.0	4° 09'.7	3° 57'.7	3.6	1.0	9.6	2.6	15.6	4.3
37	4° 09'.3	4° 09'.9	3° 57'.9	3.7	1.0	9.7	2.7	15.7	4.3
38	4° 09'.5	4° 10'.2	3° 58'.1	3.8	1.0	9.8	2.7	15.8	4.3
39	4° 09'.7	4° 10'.4	3° 58'.4	3.9	1.1	9.9	2.7	15.9	4.4
40	4° 10'.0	4° 10'.7	3° 58'.6	4.0	1.1	10.0	2.8	16.0	4.4
41	4° 10'.2	4° 10'.9	3° 58'.8	4.1	1.1	10.1	2.8	16.1	4.4
42	4° 10'.5	4° 11'.2	3° 59'.1	4.2	1.2	10.2	2.8	16.2	4.5
43	4° 10'.7	4° 11'.4	3° 59'.3	4.3	1.2	10.3	2.8	16.3	4.5
44	4° 11'.0	4° 11'.7	3° 59'.6	4.4	1.2	10.4	2.9	16.4	4.5
45	4° 11'.3	4° 11'.9	3° 59'.8	4.5	1.2	10.5	2.9	16.5	4.5
46	4° 11'.5	4° 12'.2	4° 00'.0	4.6	1.3	10.6	2.9	16.6	4.6
47	4° 11'.8	4° 12'.4	4° 00'.3	4.7	1.3	10.7	2.9	16.7	4.6
48	4° 12'.0	4° 12'.7	4° 00'.5	4.8	1.3	10.8	3.0	16.8	4.6
49	4° 12'.3	4° 13'.0	4° 00'.8	4.9	1.3	10.9	3.0	16.9	4.6
50	4° 12'.5	4° 13'.2	4° 01'.0	5.0	1.4	11.0	3.0	17.0	4.7
51	4° 12'.7	4° 13'.5	4° 01'.2	5.1	1.4	11.1	3.1	17.1	4.7
52	4° 13'.0	4° 13'.7	4° 01'.5	5.2	1.4	11.2	3.1	17.2	4.7
53	4° 13'.2	4° 14'.0	4° 01'.7	5.3	1.5	11.3	3.1	17.3	4.8
54	4° 13'.5	4° 14'.2	4° 02'.0	5.4	1.5	11.4	3.1	17.4	4.8
55	4° 13'.7	4° 14'.5	4° 02'.2	5.5	1.5	11.5	3.2	17.5	4.8
56	4° 14'.0	4° 14'.7	4° 02'.4	5.6	1.5	11.6	3.2	17.6	4.8
57	4° 14'.3	4° 15'.0	4° 02'.7	5.7	1.6	11.7	3.2	17.7	4.9
58	4° 14'.5	4° 15'.2	4° 02'.9	5.8	1.6	11.8	3.2	17.8	4.9
59	4° 14'.8	4° 15'.5	4° 03'.1	5.9	1.6	11.9	3.3	17.9	4.9
60	4° 15'.0	4° 15'.7	4° 03'.4	6.0	1.7	12.0	3.3	18.0	5.0

17m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	4° 15'.0	4° 15'.7	4° 03'.4	0.0	0.0	6.0	1.8	12.0	3.5
01	4° 15'.3	4° 16'.0	4° 03'.6	0.1	0.0	6.1	1.8	12.1	3.5
02	4° 15'.5	4° 16'.2	4° 03'.9	0.2	0.1	6.2	1.8	12.2	3.6
03	4° 15'.7	4° 16'.5	4° 04'.1	0.3	0.1	6.3	1.8	12.3	3.6
04	4° 16'.0	4° 16'.7	4° 04'.3	0.4	0.1	6.4	1.9	12.4	3.6
05	4° 16'.2	4° 17'.0	4° 04'.6	0.5	0.1	6.5	1.9	12.5	3.6
06	4° 16'.5	4° 17'.2	4° 04'.8	0.6	0.2	6.6	1.9	12.6	3.7
07	4° 16'.8	4° 17'.5	4° 05'.1	0.7	0.2	6.7	2.0	12.7	3.7
08	4° 17'.0	4° 17'.7	4° 05'.3	0.8	0.2	6.8	2.0	12.8	3.7
09	4° 17'.3	4° 18'.0	4° 05'.5	0.9	0.3	6.9	2.0	12.9	3.8
10	4° 17'.5	4° 18'.2	4° 05'.8	1.0	0.3	7.0	2.0	13.0	3.8
11	4° 17'.8	4° 18'.5	4° 06'.0	1.1	0.3	7.1	2.1	13.1	3.8
12	4° 18'.0	4° 18'.7	4° 06'.2	1.2	0.4	7.2	2.1	13.2	3.9
13	4° 18'.2	4° 19'.0	4° 06'.5	1.3	0.4	7.3	2.1	13.3	3.9
14	4° 18'.5	4° 19'.2	4° 06'.7	1.4	0.4	7.4	2.2	13.4	3.9
15	4° 18'.7	4° 19'.5	4° 07'.0	1.5	0.4	7.5	2.2	13.5	3.9
16	4° 19'.0	4° 19'.7	4° 07'.2	1.6	0.5	7.6	2.2	13.6	4.0
17	4° 19'.2	4° 20'.0	4° 07'.4	1.7	0.5	7.7	2.2	13.7	4.0
18	4° 19'.5	4° 20'.2	4° 07'.7	1.8	0.5	7.8	2.3	13.8	4.0
19	4° 19'.8	4° 20'.5	4° 07'.9	1.9	0.6	7.9	2.3	13.9	4.1
20	4° 20'.0	4° 20'.7	4° 08'.2	2.0	0.6	8.0	2.3	14.0	4.1
21	4° 20'.3	4° 21'.0	4° 08'.4	2.1	0.6	8.1	2.4	14.1	4.1
22	4° 20'.5	4° 21'.2	4° 08'.6	2.2	0.6	8.2	2.4	14.2	4.1
23	4° 20'.8	4° 21'.5	4° 08'.9	2.3	0.7	8.3	2.4	14.3	4.2
24	4° 21'.0	4° 21'.7	4° 09'.1	2.4	0.7	8.4	2.5	14.4	4.2
25	4° 21'.2	4° 22'.0	4° 09'.3	2.5	0.7	8.5	2.5	14.5	4.2
26	4° 21'.5	4° 22'.2	4° 09'.6	2.6	0.8	8.6	2.5	14.6	4.3
27	4° 21'.7	4° 22'.5	4° 09'.8	2.7	0.8	8.7	2.5	14.7	4.3
28	4° 22'.0	4° 22'.7	4° 10'.1	2.8	0.8	8.8	2.6	14.8	4.3
29	4° 22'.2	4° 23'.0	4° 10'.3	2.9	0.8	8.9	2.6	14.9	4.3
30	4° 22'.5	4° 23'.2	4° 10'.5	3.0	0.9	9.0	2.6	15.0	4.4
31	4° 22'.8	4° 23'.5	4° 10'.8	3.1	0.9	9.1	2.7	15.1	4.4
32	4° 23'.0	4° 23'.7	4° 11'.0	3.2	0.9	9.2	2.7	15.2	4.4
33	4° 23'.3	4° 24'.0	4° 11'.3	3.3	1.0	9.3	2.7	15.3	4.5
34	4° 23'.5	4° 24'.2	4° 11'.5	3.4	1.0	9.4	2.7	15.4	4.5
35	4° 23'.8	4° 24'.5	4° 11'.7	3.5	1.0	9.5	2.8	15.5	4.5
36	4° 24'.0	4° 24'.7	4° 12'.0	3.6	1.1	9.6	2.8	15.6	4.6
37	4° 24'.2	4° 25'.0	4° 12'.2	3.7	1.1	9.7	2.8	15.7	4.6
38	4° 24'.5	4° 25'.2	4° 12'.5	3.8	1.1	9.8	2.9	15.8	4.6
39	4° 24'.7	4° 25'.5	4° 12'.7	3.9	1.1	9.9	2.9	15.9	4.6
40	4° 25'.0	4° 25'.7	4° 12'.9	4.0	1.2	10.0	2.9	16.0	4.7
41	4° 25'.3	4° 26'.0	4° 13'.2	4.1	1.2	10.1	2.9	16.1	4.7
42	4° 25'.5	4° 26'.2	4° 13'.4	4.2	1.2	10.2	3.0	16.2	4.7
43	4° 25'.8	4° 26'.5	4° 13'.6	4.3	1.3	10.3	3.0	16.3	4.8
44	4° 26'.0	4° 26'.7	4° 13'.9	4.4	1.3	10.4	3.0	16.4	4.8
45	4° 26'.3	4° 27'.0	4° 14'.1	4.5	1.3	10.5	3.1	16.5	4.8
46	4° 26'.5	4° 27'.2	4° 14'.4	4.6	1.3	10.6	3.1	16.6	4.8
47	4° 26'.7	4° 27'.5	4° 14'.6	4.7	1.4	10.7	3.1	16.7	4.9
48	4° 27'.0	4° 27'.7	4° 14'.8	4.8	1.4	10.8	3.2	16.8	4.9
49	4° 27'.2	4° 28'.0	4° 15'.1	4.9	1.4	10.9	3.2	16.9	4.9
50	4° 27'.5	4° 28'.2	4° 15'.3	5.0	1.5	11.0	3.2	17.0	5.0
51	4° 27'.7	4° 28'.5	4° 15'.6	5.1	1.5	11.1	3.2	17.1	5.0
52	4° 28'.0	4° 28'.7	4° 15'.8	5.2	1.5	11.2	3.3	17.2	5.0
53	4° 28'.3	4° 29'.0	4° 16'.0	5.3	1.5	11.3	3.3	17.3	5.0
54	4° 28'.5	4° 29'.2	4° 16'.3	5.4	1.6	11.4	3.3	17.4	5.1
55	4° 28'.8	4° 29'.5	4° 16'.5	5.5	1.6	11.5	3.4	17.5	5.1
56	4° 29'.0	4° 29'.7	4° 16'.7	5.6	1.6	11.6	3.4	17.6	5.1
57	4° 29'.3	4° 30'.0	4° 17'.0	5.7	1.7	11.7	3.4	17.7	5.2
58	4° 29'.5	4° 30'.2	4° 17'.2	5.8	1.7	11.8	3.4	17.8	5.2
59	4° 29'.7	4° 30'.5	4° 17'.5	5.9	1.7	11.9	3.5	17.9	5.2
60	4° 30'.0	4° 30'.7	4° 17'.7	6.0	1.8	12.0	3.5	18.0	5.3

INCREMENTS AND CORRECTIONS

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	4° 30'.0	4° 30'.7	4° 17'.0	0.0	0.0	6.0	1.9	12.0	3.7
01	4° 30'.2	4° 31'.0	4° 17'.9	0.1	0.0	6.1	1.9	12.1	3.7
02	4° 30'.5	4° 31'.3	4° 18'.2	0.2	0.1	6.2	1.9	12.2	3.8
03	4° 30'.7	4° 31'.5	4° 18'.4	0.3	0.1	6.3	1.9	12.3	3.8
04	4° 31'.0	4° 31'.8	4° 18'.7	0.4	0.1	6.4	2.0	12.4	3.8
05	4° 31'.3	4° 32'.0	4° 18'.9	0.5	0.2	6.5	2.0	12.5	3.9
06	4° 31'.5	4° 32'.3	4° 19'.1	0.6	0.2	6.6	2.0	12.6	3.9
07	4° 31'.8	4° 32'.5	4° 19'.4	0.7	0.2	6.7	2.1	12.7	3.9
08	4° 32'.0	4° 32'.8	4° 19'.6	0.8	0.2	6.8	2.1	12.8	3.9
09	4° 32'.2	4° 33'.0	4° 19'.8	0.9	0.3	6.9	2.1	12.9	4.0
10	4° 32'.5	4° 33'.3	4° 20'.1	1.0	0.3	7.0	2.2	13.0	4.0
11	4° 32'.7	4° 33'.5	4° 20'.3	1.1	0.3	7.1	2.2	13.1	4.0
12	4° 33'.0	4° 33'.8	4° 20'.6	1.2	0.4	7.2	2.2	13.2	4.1
13	4° 33'.2	4° 34'.0	4° 20'.8	1.3	0.4	7.3	2.3	13.3	4.1
14	4° 33'.5	4° 34'.3	4° 21'.0	1.4	0.4	7.4	2.3	13.4	4.1
15	4° 33'.8	4° 34'.5	4° 21'.3	1.5	0.5	7.5	2.3	13.5	4.2
16	4° 34'.0	4° 34'.8	4° 21'.5	1.6	0.5	7.6	2.3	13.6	4.2
17	4° 34'.3	4° 35'.0	4° 21'.8	1.7	0.5	7.7	2.4	13.7	4.2
18	4° 34'.5	4° 35'.3	4° 22'.0	1.8	0.6	7.8	2.4	13.8	4.3
19	4° 34'.8	4° 35'.5	4° 22'.2	1.9	0.6	7.9	2.4	13.9	4.3
20	4° 35'.0	4° 35'.8	4° 22'.5	2.0	0.6	8.0	2.5	14.0	4.3
21	4° 35'.2	4° 36'.0	4° 22'.7	2.1	0.6	8.1	2.5	14.1	4.3
22	4° 35'.5	4° 36'.3	4° 22'.9	2.2	0.7	8.2	2.5	14.2	4.4
23	4° 35'.7	4° 36'.5	4° 23'.2	2.3	0.7	8.3	2.6	14.3	4.4
24	4° 36'.0	4° 36'.8	4° 23'.4	2.4	0.7	8.4	2.6	14.4	4.4
25	4° 36'.2	4° 37'.0	4° 23'.7	2.5	0.8	8.5	2.6	14.5	4.5
26	4° 36'.5	4° 37'.3	4° 23'.9	2.6	0.8	8.6	2.7	14.6	4.5
27	4° 36'.8	4° 37'.5	4° 24'.1	2.7	0.8	8.7	2.7	14.7	4.5
28	4° 37'.0	4° 37'.8	4° 24'.4	2.8	0.9	8.8	2.7	14.8	4.6
29	4° 37'.3	4° 38'.0	4° 24'.6	2.9	0.9	8.9	2.7	14.9	4.6
30	4° 37'.5	4° 38'.3	4° 24'.9	3.0	0.9	9.0	2.8	15.0	4.6
31	4° 37'.8	4° 38'.5	4° 25'.1	3.1	1.0	9.1	2.8	15.1	4.7
32	4° 38'.0	4° 38'.8	4° 25'.3	3.2	1.0	9.2	2.8	15.2	4.7
33	4° 38'.2	4° 39'.0	4° 25'.6	3.3	1.0	9.3	2.9	15.3	4.7
34	4° 38'.5	4° 39'.3	4° 25'.8	3.4	1.0	9.4	2.9	15.4	4.7
35	4° 38'.7	4° 39'.5	4° 26'.1	3.5	1.1	9.5	2.9	15.5	4.8
36	4° 39'.0	4° 39'.8	4° 26'.3	3.6	1.1	9.6	3.0	15.6	4.8
37	4° 39'.2	4° 40'.0	4° 26'.5	3.7	1.1	9.7	3.0	15.7	4.8
38	4° 39'.5	4° 40'.3	4° 26'.8	3.8	1.2	9.8	3.0	15.8	4.9
39	4° 39'.8	4° 40'.5	4° 27'.0	3.9	1.2	9.9	3.1	15.9	4.9
40	4° 40'.0	4° 40'.8	4° 27'.2	4.0	1.2	10.0	3.1	16.0	4.9
41	4° 40'.3	4° 41'.0	4° 27'.5	4.1	1.3	10.1	3.1	16.1	5.0
42	4° 40'.5	4° 41'.3	4° 27'.7	4.2	1.3	10.2	3.1	16.2	5.0
43	4° 40'.7	4° 41'.5	4° 28'.0	4.3	1.3	10.3	3.2	16.3	5.0
44	4° 41'.0	4° 41'.8	4° 28'.2	4.4	1.4	10.4	3.2	16.4	5.1
45	4° 41'.2	4° 42'.0	4° 28'.4	4.5	1.4	10.5	3.2	16.5	5.1
46	4° 41'.5	4° 42'.3	4° 28'.7	4.6	1.4	10.6	3.3	16.6	5.1
47	4° 41'.7	4° 42'.5	4° 28'.9	4.7	1.4	10.7	3.3	16.7	5.1
48	4° 42'.0	4° 42'.8	4° 29'.2	4.8	1.5	10.8	3.3	16.8	5.2
49	4° 42'.3	4° 43'.0	4° 29'.4	4.9	1.5	10.9	3.4	16.9	5.2
50	4° 42'.5	4° 43'.3	4° 29'.6	5.0	1.5	11.0	3.4	17.0	5.2
51	4° 42'.8	4° 43'.5	4° 29'.9	5.1	1.6	11.1	3.4	17.1	5.3
52	4° 43'.0	4° 43'.8	4° 30'.1	5.2	1.6	11.2	3.5	17.2	5.3
53	4° 43'.3	4° 44'.0	4° 30'.3	5.3	1.6	11.3	3.5	17.3	5.3
54	4° 43'.5	4° 44'.3	4° 30'.6	5.4	1.7	11.4	3.5	17.4	5.4
55	4° 43'.7	4° 44'.5	4° 30'.8	5.5	1.7	11.5	3.5	17.5	5.4
56	4° 44'.0	4° 44'.8	4° 31'.1	5.6	1.7	11.6	3.6	17.6	5.4
57	4° 44'.2	4° 45'.0	4° 31'.3	5.7	1.8	11.7	3.6	17.7	5.5
58	4° 44'.5	4° 45'.3	4° 31'.5	5.8	1.8	11.8	3.6	17.8	5.5
59	4° 44'.7	4° 45'.5	4° 31'.8	5.9	1.8	11.9	3.7	17.9	5.5
60	4° 45'.0	4° 45'.8	4° 32'.0	6.0	1.9	12.0	3.7	18.0	5.6

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	4° 45'.0	4° 45'.8	4° 32'.0	0.0	0.0	6.0	2.0	12.0	3.9
01	4° 45'.3	4° 46'.0	4° 32'.3	0.1	0.0	6.1	2.0	12.1	3.9
02	4° 45'.5	4° 46'.3	4° 32'.5	0.2	0.1	6.2	2.0	12.2	4.0
03	4° 45'.8	4° 46'.5	4° 32'.7	0.3	0.1	6.3	2.0	12.3	4.0
04	4° 46'.0	4° 46'.8	4° 33'.0	0.4	0.1	6.4	2.1	12.4	4.0
05	4° 46'.3	4° 47'.0	4° 33'.2	0.5	0.2	6.5	2.1	12.5	4.1
06	4° 46'.5	4° 47'.3	4° 33'.4	0.6	0.2	6.6	2.1	12.6	4.1
07	4° 46'.7	4° 47'.5	4° 33'.7	0.7	0.2	6.7	2.2	12.7	4.1
08	4° 47'.0	4° 47'.8	4° 33'.9	0.8	0.3	6.8	2.2	12.8	4.2
09	4° 47'.2	4° 48'.0	4° 34'.2	0.9	0.3	6.9	2.2	12.9	4.2
10	4° 47'.5	4° 48'.3	4° 34'.4	1.0	0.3	7.0	2.3	13.0	4.2
11	4° 47'.7	4° 48'.5	4° 34'.6	1.1	0.4	7.1	2.3	13.1	4.3
12	4° 48'.0	4° 48'.8	4° 34'.9	1.2	0.4	7.2	2.3	13.2	4.3
13	4° 48'.3	4° 49'.1	4° 35'.1	1.3	0.4	7.3	2.4	13.3	4.3
14	4° 48'.5	4° 49'.3	4° 35'.4	1.4	0.5	7.4	2.4	13.4	4.4
15	4° 48'.8	4° 49'.6	4° 35'.6	1.5	0.5	7.5	2.4	13.5	4.4
16	4° 49'.0	4° 49'.8	4° 35'.8	1.6	0.5	7.6	2.5	13.6	4.4
17	4° 49'.2	4° 50'.1	4° 36'.1	1.7	0.6	7.7	2.5	13.7	4.5
18	4° 49'.5	4° 50'.3	4° 36'.3	1.8	0.6	7.8	2.5	13.8	4.5
19	4° 49'.7	4° 50'.6	4° 36'.6	1.9	0.6	7.9	2.6	13.9	4.5
20	4° 50'.0	4° 50'.8	4° 36'.8	2.0	0.7	8.0	2.6	14.0	4.6
21	4° 50'.2	4° 51'.1	4° 37'.0	2.1	0.7	8.1	2.6	14.1	4.6
22	4° 50'.5	4° 51'.3	4° 37'.3	2.2	0.7	8.2	2.7	14.2	4.6
23	4° 50'.8	4° 51'.6	4° 37'.5	2.3	0.7	8.3	2.7	14.3	4.6
24	4° 51'.0	4° 51'.8	4° 37'.7	2.4	0.8	8.4	2.7	14.4	4.7
25	4° 51'.3	4° 52'.1	4° 38'.0	2.5	0.8	8.5	2.8	14.5	4.7
26	4° 51'.5	4° 52'.3	4° 38'.2	2.6	0.8	8.6	2.8	14.6	4.7
27	4° 51'.8	4° 52'.6	4° 38'.5	2.7	0.9	8.7	2.8	14.7	4.8
28	4° 52'.0	4° 52'.8	4° 38'.7	2.8	0.9	8.8	2.9	14.8	4.8
29	4° 52'.2	4° 53'.1	4° 38'.9	2.9	0.9	8.9	2.9	14.9	4.8
30	4° 52'.5	4° 53'.3	4° 39'.2	3.0	1.0	9.0	2.9	15.0	4.9
31	4° 52'.7	4° 53'.6	4° 39'.4	3.1	1.0	9.1	3.0	15.1	4.9
32	4° 53'.0	4° 53'.8	4° 39'.7	3.2	1.0	9.2	3.0	15.2	4.9
33	4° 53'.2	4° 54'.1	4° 39'.9	3.3	1.1	9.3	3.0	15.3	5.0
34	4° 53'.5	4° 54'.3	4° 40'.1	3.4	1.1	9.4	3.1	15.4	5.0
35	4° 53'.8	4° 54'.6	4° 40'.4	3.5	1.1	9.5	3.1	15.5	5.0
36	4° 54'.0	4° 54'.8	4° 40'.6	3.6	1.2	9.6	3.1	15.6	5.1
37	4° 54'.3	4° 55'.1	4° 40'.8	3.7	1.2	9.7	3.2	15.7	5.1
38	4° 54'.5	4° 55'.3	4° 41'.1	3.8	1.2	9.8	3.2	15.8	5.1
39	4° 54'.8	4° 55'.6	4° 41'.3	3.9	1.3	9.9	3.2	15.9	5.2
40	4° 55'.0	4° 55'.8	4° 41'.6	4.0	1.3	10.0	3.3	16.0	5.2
41	4° 55'.2	4° 56'.1	4° 41'.8	4.1	1.3	10.1	3.3	16.1	5.2
42	4° 55'.5	4° 56'.3	4° 42'.0	4.2	1.4	10.2	3.3	16.2	5.3
43	4° 55'.7	4° 56'.6	4° 42'.3	4.3	1.4	10.3	3.3	16.3	5.3
44	4° 56'.0	4° 56'.8	4° 42'.5	4.4	1.4	10.4	3.4	16.4	5.3
45	4° 56'.3	4° 57'.1	4° 42'.8	4.5	1.5	10.5	3.4	16.5	5.4
46	4° 56'.5	4° 57'.3	4° 43'.0	4.6	1.5	10.6	3.4	16.6	5.4
47	4° 56'.8	4° 57'.6	4° 43'.2	4.7	1.5	10.7	3.5	16.7	5.4
48	4° 57'.0	4° 57'.8	4° 43'.5	4.8	1.6	10.8	3.5	16.8	5.5
49	4° 57'.3	4° 58'.1	4° 43'.7	4.9	1.6	10.9	3.5	16.9	5.5
50	4° 57'.5	4° 58'.3	4° 43'.9	5.0	1.6	11.0	3.6	17.0	5.5
51	4° 57'.7	4° 58'.6	4° 44'.2	5.1	1.7	11.1	3.6	17.1	5.6
52	4° 58'.0	4° 58'.8	4° 44'.4	5.2	1.7	11.2	3.6	17.2	5.6
53	4° 58'.2	4° 59'.1	4° 44'.7	5.3	1.7	11.3	3.7	17.3	5.6
54	4° 58'.5	4° 59'.3	4° 44'.9	5.4	1.8	11.4	3.7	17.4	5.7
55	4° 58'.7	4° 59'.6	4° 45'.1	5.5	1.8	11.5	3.7	17.5	5.7
56	4° 59'.0	4° 59'.8	4° 45'.4	5.6	1.8	11.6	3.8	17.6	5.7
57	4° 59'.3	5° 00'.1	4° 45'.6	5.7	1.9	11.7	3.8	17.7	5.8
58	4° 59'.5	5° 00'.3	4° 45'.9	5.8	1.9	11.8	3.8	17.8	5.8
59	4° 59'.8	5° 00'.6	4° 46'.1	5.9	1.9	11.9	3.9	17.9	5.8
60	5° 00'.0	5° 00'.8	4° 46'.3	6.0	2.0	12.0	3.9	18.0	5.9

20^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	5° 00'.0	5° 00'.8	4° 46'.3	0.0	0.0	6.0	2.1	12.0	4.1
01	5° 00'.3	5° 01'.1	4° 46'.6	0.1	0.0	6.1	2.1	12.1	4.1
02	5° 00'.5	5° 01'.3	4° 46'.8	0.2	0.1	6.2	2.1	12.2	4.2
03	5° 00'.7	5° 01'.6	4° 47'.0	0.3	0.1	6.3	2.2	12.3	4.2
04	5° 01'.0	5° 01'.8	4° 47'.3	0.4	0.1	6.4	2.2	12.4	4.2
05	5° 01'.2	5° 02'.1	4° 47'.5	0.5	0.2	6.5	2.2	12.5	4.3
06	5° 01'.5	5° 02'.3	4° 47'.8	0.6	0.2	6.6	2.3	12.6	4.3
07	5° 01'.7	5° 02'.6	4° 48'.0	0.7	0.2	6.7	2.3	12.7	4.3
08	5° 02'.0	5° 02'.8	4° 48'.2	0.8	0.3	6.8	2.3	12.8	4.4
09	5° 02'.3	5° 03'.1	4° 48'.5	0.9	0.3	6.9	2.4	12.9	4.4
10	5° 02'.5	5° 03'.3	4° 48'.7	1.0	0.3	7.0	2.4	13.0	4.4
11	5° 02'.8	5° 03'.6	4° 49'.0	1.1	0.4	7.1	2.4	13.1	4.5
12	5° 03'.0	5° 03'.8	4° 49'.2	1.2	0.4	7.2	2.5	13.2	4.5
13	5° 03'.3	5° 04'.1	4° 49'.4	1.3	0.4	7.3	2.5	13.3	4.5
14	5° 03'.5	5° 04'.3	4° 49'.7	1.4	0.5	7.4	2.5	13.4	4.6
15	5° 03'.7	5° 04'.6	4° 49'.9	1.5	0.5	7.5	2.6	13.5	4.6
16	5° 04'.0	5° 04'.8	4° 50'.2	1.6	0.5	7.6	2.6	13.6	4.6
17	5° 04'.2	5° 05'.1	4° 50'.4	1.7	0.6	7.7	2.6	13.7	4.7
18	5° 04'.5	5° 05'.3	4° 50'.6	1.8	0.6	7.8	2.7	13.8	4.7
19	5° 04'.8	5° 05'.6	4° 50'.9	1.9	0.6	7.9	2.7	13.9	4.7
20	5° 05'.0	5° 05'.8	4° 51'.1	2.0	0.7	8.0	2.7	14.0	4.8
21	5° 05'.3	5° 06'.1	4° 51'.3	2.1	0.7	8.1	2.8	14.1	4.8
22	5° 05'.5	5° 06'.3	4° 51'.6	2.2	0.8	8.2	2.8	14.2	4.9
23	5° 05'.8	5° 06'.6	4° 51'.8	2.3	0.8	8.3	2.8	14.3	4.9
24	5° 06'.0	5° 06'.8	4° 52'.1	2.4	0.8	8.4	2.9	14.4	4.9
25	5° 06'.2	5° 07'.1	4° 52'.3	2.5	0.9	8.5	2.9	14.5	5.0
26	5° 06'.5	5° 07'.4	4° 52'.5	2.6	0.9	8.6	2.9	14.6	5.0
27	5° 06'.7	5° 07'.6	4° 52'.8	2.7	0.9	8.7	3.0	14.7	5.0
28	5° 07'.0	5° 07'.9	4° 53'.0	2.8	1.0	8.8	3.0	14.8	5.1
29	5° 07'.2	5° 08'.1	4° 53'.3	2.9	1.0	8.9	3.0	14.9	5.1
30	5° 07'.5	5° 08'.4	4° 53'.5	3.0	1.0	9.0	3.1	15.0	5.1
31	5° 07'.8	5° 08'.6	4° 53'.7	3.1	1.1	9.1	3.1	15.1	5.2
32	5° 08'.0	5° 08'.9	4° 54'.0	3.2	1.1	9.2	3.1	15.2	5.2
33	5° 08'.3	5° 09'.1	4° 54'.2	3.3	1.1	9.3	3.2	15.3	5.2
34	5° 08'.5	5° 09'.4	4° 54'.4	3.4	1.2	9.4	3.2	15.4	5.3
35	5° 08'.8	5° 09'.6	4° 54'.7	3.5	1.2	9.5	3.2	15.5	5.3
36	5° 09'.0	5° 09'.9	4° 54'.9	3.6	1.2	9.6	3.3	15.6	5.3
37	5° 09'.2	5° 10'.1	4° 55'.2	3.7	1.3	9.7	3.3	15.7	5.4
38	5° 09'.5	5° 10'.4	4° 55'.4	3.8	1.3	9.8	3.3	15.8	5.4
39	5° 09'.7	5° 10'.6	4° 55'.6	3.9	1.3	9.9	3.4	15.9	5.4
40	5° 10'.0	5° 10'.9	4° 55'.9	4.0	1.4	10.0	3.4	16.0	5.5
41	5° 10'.2	5° 11'.1	4° 56'.1	4.1	1.4	10.1	3.5	16.1	5.5
42	5° 10'.5	5° 11'.4	4° 56'.4	4.2	1.4	10.2	3.5	16.2	5.5
43	5° 10'.8	5° 11'.6	4° 56'.6	4.3	1.5	10.3	3.5	16.3	5.6
44	5° 11'.0	5° 11'.9	4° 56'.8	4.4	1.5	10.4	3.6	16.4	5.6
45	5° 11'.3	5° 12'.1	4° 57'.1	4.5	1.5	10.5	3.6	16.5	5.6
46	5° 11'.5	5° 12'.4	4° 57'.3	4.6	1.6	10.6	3.6	16.6	5.7
47	5° 11'.7	5° 12'.6	4° 57'.5	4.7	1.6	10.7	3.7	16.7	5.7
48	5° 12'.0	5° 12'.9	4° 57'.8	4.8	1.6	10.8	3.7	16.8	5.7
49	5° 12'.2	5° 13'.1	4° 58'.0	4.9	1.7	10.9	3.7	16.9	5.8
50	5° 12'.5	5° 13'.4	4° 58'.3	5.0	1.7	11.0	3.8	17.0	5.8
51	5° 12'.7	5° 13'.6	4° 58'.5	5.1	1.7	11.1	3.8	17.1	5.8
52	5° 13'.0	5° 13'.9	4° 58'.7	5.2	1.8	11.2	3.8	17.2	5.9
53	5° 13'.3	5° 14'.1	4° 59'.0	5.3	1.8	11.3	3.9	17.3	5.9
54	5° 13'.5	5° 14'.4	4° 59'.2	5.4	1.8	11.4	3.9	17.4	5.9
55	5° 13'.8	5° 14'.6	4° 59'.5	5.5	1.9	11.5	3.9	17.5	6.0
56	5° 14'.0	5° 14'.9	4° 59'.7	5.6	1.9	11.6	4.0	17.6	6.0
57	5° 14'.3	5° 15'.1	4° 59'.9	5.7	1.9	11.7	4.0	17.7	6.0
58	5° 14'.5	5° 15'.4	5° 00'.2	5.8	2.0	11.8	4.0	17.8	6.1
59	5° 14'.7	5° 15'.6	5° 00'.4	5.9	2.0	11.9	4.1	17.9	6.1
60	5° 15'.0	5° 15'.9	5° 00'.7	6.0	2.1	12.0	4.1	18.0	6.2

21^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	5° 15'.0	5° 15'.9	5° 00'.7	0.0	0.0	6.0	2.2	12.0	4.3
01	5° 15'.2	5° 16'.1	5° 00'.9	0.1	0.0	6.1	2.2	12.1	4.3
02	5° 15'.5	5° 16'.4	5° 01'.1	0.2	0.1	6.2	2.2	12.2	4.4
03	5° 15'.7	5° 16'.6	5° 01'.4	0.3	0.1	6.3	2.3	12.3	4.4
04	5° 16'.0	5° 16'.9	5° 01'.6	0.4	0.1	6.4	2.3	12.4	4.4
05	5° 16'.3	5° 17'.1	5° 01'.8	0.5	0.2	6.5	2.3	12.5	4.5
06	5° 16'.5	5° 17'.4	5° 02'.1	0.6	0.2	6.6	2.4	12.6	4.5
07	5° 16'.8	5° 17'.6	5° 02'.3	0.7	0.3	6.7	2.4	12.7	4.6
08	5° 17'.0	5° 17'.9	5° 02'.6	0.8	0.3	6.8	2.4	12.8	4.6
09	5° 17'.3	5° 18'.1	5° 02'.8	0.9	0.3	6.9	2.5	12.9	4.6
10	5° 17'.5	5° 18'.4	5° 03'.0	1.0	0.4	7.0	2.5	13.0	4.7
11	5° 17'.7	5° 18'.6	5° 03'.3	1.1	0.4	7.1	2.5	13.1	4.7
12	5° 18'.0	5° 18'.9	5° 03'.5	1.2	0.4	7.2	2.6	13.2	4.7
13	5° 18'.2	5° 19'.1	5° 03'.8	1.3	0.5	7.3	2.6	13.3	4.8
14	5° 18'.5	5° 19'.4	5° 04'.0	1.4	0.5	7.4	2.7	13.4	4.8
15	5° 18'.7	5° 19'.6	5° 04'.2	1.5	0.5	7.5	2.7	13.5	4.8
16	5° 19'.0	5° 19'.9	5° 04'.5	1.6	0.6	7.6	2.7	13.6	4.9
17	5° 19'.3	5° 20'.1	5° 04'.7	1.7	0.6	7.7	2.8	13.7	4.9
18	5° 19'.5	5° 20'.4	5° 04'.9	1.8	0.6	7.8	2.8	13.8	4.9
19	5° 19'.8	5° 20'.6	5° 05'.2	1.9	0.7	7.9	2.8	13.9	5.0
20	5° 20'.0	5° 20'.9	5° 05'.4	2.0	0.7	8.0	2.9	14.0	5.0
21	5° 20'.2	5° 21'.1	5° 05'.7	2.1	0.8	8.1	2.9	14.1	5.1
22	5° 20'.5	5° 21'.4	5° 05'.9	2.2	0.8	8.2	2.9	14.2	5.1
23	5° 20'.7	5° 21'.6	5° 06'.1	2.3	0.8	8.3	3.0	14.3	5.1
24	5° 21'.0	5° 21'.9	5° 06'.4	2.4	0.9	8.4	3.0	14.4	5.2
25	5° 21'.2	5° 22'.1	5° 06'.6	2.5	0.9	8.5	3.0	14.5	5.2
26	5° 21'.5	5° 22'.4	5° 06'.9	2.6	0.9	8.6	3.1	14.6	5.2
27	5° 21'.8	5° 22'.6	5° 07'.1	2.7	1.0	8.7	3.1	14.7	5.3
28	5° 22'.0	5° 22'.9	5° 07'.3	2.8	1.0	8.8	3.2	14.8	5.3
29	5° 22'.3	5° 23'.1	5° 07'.6	2.9	1.0	8.9	3.2	14.9	5.3
30	5° 22'.5	5° 23'.4	5° 07'.8	3.0	1.1	9.0	3.2	15.0	5.4
31	5° 22'.8	5° 23'.6	5° 08'.0	3.1	1.1	9.1	3.3	15.1	5.4
32	5° 23'.0	5° 23'.9	5° 08'.3	3.2	1.1	9.2	3.3	15.2	5.4
33	5° 23'.2	5° 24'.1	5° 08'.5	3.3	1.2	9.3	3.3	15.3	5.5
34	5° 23'.5	5° 24'.4	5° 08'.8	3.4	1.2	9.4	3.4	15.4	5.5
35	5° 23'.7	5° 24'.6	5° 09'.0	3.5	1.3	9.5	3.4	15.5	5.6
36	5° 24'.0	5° 24'.9	5° 09'.2	3.6	1.3	9.6	3.4	15.6	5.6
37	5° 24'.2	5° 25'.2	5° 09'.5	3.7	1.3	9.7	3.5	15.7	5.6
38	5° 24'.5	5° 25'.4	5° 09'.7	3.8	1.4	9.8	3.5	15.8	5.7
39	5° 24'.8	5° 25'.7	5° 10'.0	3.9	1.4	9.9	3.5	15.9	5.7
40	5° 25'.0	5° 25'.9	5° 10'.2	4.0	1.4	10.0	3.6	16.0	5.7
41	5° 25'.3	5° 26'.2	5° 10'.4	4.1	1.5	10.1	3.6	16.1	5.8
42	5° 25'.5	5° 26'.4	5° 10'.7	4.2	1.5	10.2	3.7	16.2	5.8
43	5° 25'.8	5° 26'.7	5° 10'.9	4.3	1.5	10.3	3.7	16.3	5.8
44	5° 26'.0	5° 26'.9	5° 11'.1	4.4	1.6	10.4	3.7	16.4	5.9
45	5° 26'.2	5° 27'.2	5° 11'.4	4.5	1.6	10.5	3.8	16.5	5.9
46	5° 26'.5	5° 27'.4	5° 11'.6	4.6	1.6	10.6	3.8	16.6	5.9
47	5° 26'.7	5° 27'.7	5° 11'.9	4.7	1.7	10.7	3.8	16.7	6.0
48	5° 27'.0	5° 27'.9	5° 12'.1	4.8	1.7	10.8	3.9	16.8	6.0
49	5° 27'.3	5° 28'.2	5° 12'.3	4.9	1.8	10.9	3.9	16.9	6.1
50	5° 27'.5	5° 28'.4	5° 12'.6	5.0	1.8	11.0	3.9	17.0	6.1
51	5° 27'.8	5° 28'.7	5° 12'.8	5.1	1.8	11.1	4.0	17.1	6.1
52	5° 28'.0	5° 28'.9	5° 13'.1	5.2	1.9	11.2	4.0	17.2	6.2
53	5° 28'.3	5° 29'.2	5° 13'.3	5.3	1.9	11.3	4.0	17.3	6.2
54	5° 28'.5	5° 29'.4	5° 13'.5	5.4	1.9	11.4	4.1	17.4	6.2
55	5° 28'.7	5° 29'.7	5° 13'.8	5.5	2.0	11.5	4.1	17.5	6.3
56	5° 29'.0	5° 29'.9	5° 14'.0	5.6	2.0	11.6	4.2	17.6	6.3
57	5° 29'.2	5° 30'.2	5° 14'.3	5.7	2.0	11.7	4.2	17.7	6.3
58	5° 29'.5	5° 30'.4	5° 14'.5	5.8	2.1	11.8	4.2	17.8	6.4
59	5° 29'.7	5° 30'.7	5° 14'.7	5.9	2.1	11.9	4.3	17.9	6.4
60	5° 30'.0	5° 30'.9	5° 15'.0	6.0	2.2	12.0	4.3	18.0	6.5

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	5° 30'.0	5° 30'.9	5° 15'.0	0.0	0.0	6.0	2.3	12.0	4.5
01	5° 30'.3	5° 31'.2	5° 15'.2	0.1	0.0	6.1	2.3	12.1	4.5
02	5° 30'.5	5° 31'.4	5° 15'.4	0.2	0.1	6.2	2.3	12.2	4.6
03	5° 30'.8	5° 31'.7	5° 15'.7	0.3	0.1	6.3	2.4	12.3	4.6
04	5° 31'.0	5° 31'.9	5° 15'.9	0.4	0.2	6.4	2.4	12.4	4.7
05	5° 31'.3	5° 32'.2	5° 16'.2	0.5	0.2	6.5	2.4	12.5	4.7
06	5° 31'.5	5° 32'.4	5° 16'.4	0.6	0.2	6.6	2.5	12.6	4.7
07	5° 31'.7	5° 32'.7	5° 16'.6	0.7	0.3	6.7	2.5	12.7	4.8
08	5° 32'.0	5° 32'.9	5° 16'.9	0.8	0.3	6.8	2.6	12.8	4.8
09	5° 32'.2	5° 33'.2	5° 17'.1	0.9	0.3	6.9	2.6	12.9	4.8
10	5° 32'.5	5° 33'.4	5° 17'.4	1.0	0.4	7.0	2.6	13.0	4.9
11	5° 32'.7	5° 33'.7	5° 17'.6	1.1	0.4	7.1	2.7	13.1	4.9
12	5° 33'.0	5° 33'.9	5° 17'.8	1.2	0.5	7.2	2.7	13.2	5.0
13	5° 33'.3	5° 34'.2	5° 18'.1	1.3	0.5	7.3	2.7	13.3	5.0
14	5° 33'.5	5° 34'.4	5° 18'.3	1.4	0.5	7.4	2.8	13.4	5.0
15	5° 33'.8	5° 34'.7	5° 18'.5	1.5	0.6	7.5	2.8	13.5	5.1
16	5° 34'.0	5° 34'.9	5° 18'.8	1.6	0.6	7.6	2.9	13.6	5.1
17	5° 34'.3	5° 35'.2	5° 19'.0	1.7	0.6	7.7	2.9	13.7	5.1
18	5° 34'.5	5° 35'.4	5° 19'.3	1.8	0.7	7.8	2.9	13.8	5.2
19	5° 34'.7	5° 35'.7	5° 19'.5	1.9	0.7	7.9	3.0	13.9	5.2
20	5° 35'.0	5° 35'.9	5° 19'.7	2.0	0.8	8.0	3.0	14.0	5.3
21	5° 35'.2	5° 36'.2	5° 20'.0	2.1	0.8	8.1	3.0	14.1	5.3
22	5° 35'.5	5° 36'.4	5° 20'.2	2.2	0.8	8.2	3.1	14.2	5.3
23	5° 35'.8	5° 36'.7	5° 20'.5	2.3	0.9	8.3	3.1	14.3	5.4
24	5° 36'.0	5° 36'.9	5° 20'.7	2.4	0.9	8.4	3.2	14.4	5.4
25	5° 36'.3	5° 37'.2	5° 20'.9	2.5	0.9	8.5	3.2	14.5	5.4
26	5° 36'.5	5° 37'.4	5° 21'.2	2.6	1.0	8.6	3.2	14.6	5.5
27	5° 36'.8	5° 37'.7	5° 21'.4	2.7	1.0	8.7	3.3	14.7	5.5
28	5° 37'.0	5° 37'.9	5° 21'.6	2.8	1.1	8.8	3.3	14.8	5.6
29	5° 37'.2	5° 38'.2	5° 21'.9	2.9	1.1	8.9	3.3	14.9	5.6
30	5° 37'.5	5° 38'.4	5° 22'.1	3.0	1.1	9.0	3.4	15.0	5.6
31	5° 37'.7	5° 38'.7	5° 22'.4	3.1	1.2	9.1	3.4	15.1	5.7
32	5° 38'.0	5° 38'.9	5° 22'.6	3.2	1.2	9.2	3.5	15.2	5.7
33	5° 38'.2	5° 39'.2	5° 22'.8	3.3	1.2	9.3	3.5	15.3	5.7
34	5° 38'.5	5° 39'.4	5° 23'.1	3.4	1.3	9.4	3.5	15.4	5.8
35	5° 38'.8	5° 39'.7	5° 23'.3	3.5	1.3	9.5	3.6	15.5	5.8
36	5° 39'.0	5° 39'.9	5° 23'.6	3.6	1.4	9.6	3.6	15.6	5.9
37	5° 39'.3	5° 40'.2	5° 23'.8	3.7	1.4	9.7	3.6	15.7	5.9
38	5° 39'.5	5° 40'.4	5° 24'.0	3.8	1.4	9.8	3.7	15.8	5.9
39	5° 39'.8	5° 40'.7	5° 24'.3	3.9	1.5	9.9	3.7	15.9	6.0
40	5° 40'.0	5° 40'.9	5° 24'.5	4.0	1.5	10.0	3.8	16.0	6.0
41	5° 40'.2	5° 41'.2	5° 24'.7	4.1	1.5	10.1	3.8	16.1	6.0
42	5° 40'.5	5° 41'.4	5° 25'.0	4.2	1.6	10.2	3.8	16.2	6.1
43	5° 40'.7	5° 41'.7	5° 25'.2	4.3	1.6	10.3	3.9	16.3	6.1
44	5° 41'.0	5° 41'.9	5° 25'.5	4.4	1.7	10.4	3.9	16.4	6.2
45	5° 41'.2	5° 42'.2	5° 25'.7	4.5	1.7	10.5	3.9	16.5	6.2
46	5° 41'.5	5° 42'.4	5° 25'.9	4.6	1.7	10.6	4.0	16.6	6.2
47	5° 41'.8	5° 42'.7	5° 26'.2	4.7	1.8	10.7	4.0	16.7	6.3
48	5° 42'.0	5° 42'.9	5° 26'.4	4.8	1.8	10.8	4.1	16.8	6.3
49	5° 42'.3	5° 43'.2	5° 26'.7	4.9	1.8	10.9	4.1	16.9	6.3
50	5° 42'.5	5° 43'.5	5° 26'.9	5.0	1.9	11.0	4.1	17.0	6.4
51	5° 42'.8	5° 43'.7	5° 27'.1	5.1	1.9	11.1	4.2	17.1	6.4
52	5° 43'.0	5° 44'.0	5° 27'.4	5.2	2.0	11.2	4.2	17.2	6.5
53	5° 43'.2	5° 44'.2	5° 27'.6	5.3	2.0	11.3	4.2	17.3	6.5
54	5° 43'.5	5° 44'.5	5° 27'.9	5.4	2.0	11.4	4.3	17.4	6.5
55	5° 43'.7	5° 44'.7	5° 28'.1	5.5	2.1	11.5	4.3	17.5	6.6
56	5° 44'.0	5° 45'.0	5° 28'.3	5.6	2.1	11.6	4.4	17.6	6.6
57	5° 44'.3	5° 45'.2	5° 28'.6	5.7	2.1	11.7	4.4	17.7	6.6
58	5° 44'.5	5° 45'.5	5° 28'.8	5.8	2.2	11.8	4.4	17.8	6.7
59	5° 44'.8	5° 45'.7	5° 29'.0	5.9	2.2	11.9	4.5	17.9	6.7
60	5° 45'.0	5° 46'.0	5° 29'.3	6.0	2.3	12.0	4.5	18.0	6.8

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	5° 45'.0	5° 46'.0	5° 29'.3	0.0	0.0	6.0	2.4	12.0	4.7
01	5° 45'.3	5° 46'.2	5° 29'.5	0.1	0.0	6.1	2.4	12.1	4.7
02	5° 45'.5	5° 46'.5	5° 29'.8	0.2	0.1	6.2	2.4	12.2	4.8
03	5° 45'.7	5° 46'.7	5° 30'.0	0.3	0.1	6.3	2.5	12.3	4.8
04	5° 46'.0	5° 47'.0	5° 30'.2	0.4	0.2	6.4	2.5	12.4	4.9
05	5° 46'.2	5° 47'.2	5° 30'.5	0.5	0.2	6.5	2.5	12.5	4.9
06	5° 46'.5	5° 47'.5	5° 30'.7	0.6	0.2	6.6	2.6	12.6	4.9
07	5° 46'.7	5° 47'.7	5° 31'.0	0.7	0.3	6.7	2.6	12.7	5.0
08	5° 47'.0	5° 48'.0	5° 31'.2	0.8	0.3	6.8	2.7	12.8	5.0
09	5° 47'.3	5° 48'.2	5° 31'.4	0.9	0.4	6.9	2.7	12.9	5.1
10	5° 47'.5	5° 48'.5	5° 31'.7	1.0	0.4	7.0	2.7	13.0	5.1
11	5° 47'.8	5° 48'.7	5° 31'.9	1.1	0.4	7.1	2.8	13.1	5.1
12	5° 48'.0	5° 49'.0	5° 32'.1	1.2	0.5	7.2	2.8	13.2	5.2
13	5° 48'.3	5° 49'.2	5° 32'.4	1.3	0.5	7.3	2.9	13.3	5.2
14	5° 48'.5	5° 49'.5	5° 32'.6	1.4	0.5	7.4	2.9	13.4	5.2
15	5° 48'.7	5° 49'.7	5° 32'.9	1.5	0.6	7.5	2.9	13.5	5.3
16	5° 49'.0	5° 50'.0	5° 33'.1	1.6	0.6	7.6	3.0	13.6	5.3
17	5° 49'.2	5° 50'.2	5° 33'.3	1.7	0.7	7.7	3.0	13.7	5.4
18	5° 49'.5	5° 50'.5	5° 33'.6	1.8	0.7	7.8	3.1	13.8	5.4
19	5° 49'.7	5° 50'.7	5° 33'.8	1.9	0.7	7.9	3.1	13.9	5.4
20	5° 50'.0	5° 51'.0	5° 34'.1	2.0	0.8	8.0	3.1	14.0	5.5
21	5° 50'.3	5° 51'.2	5° 34'.3	2.1	0.8	8.1	3.2	14.1	5.5
22	5° 50'.5	5° 51'.5	5° 34'.5	2.2	0.9	8.2	3.2	14.2	5.6
23	5° 50'.8	5° 51'.7	5° 34'.8	2.3	0.9	8.3	3.3	14.3	5.6
24	5° 51'.0	5° 52'.0	5° 35'.0	2.4	0.9	8.4	3.3	14.4	5.6
25	5° 51'.2	5° 52'.2	5° 35'.2	2.5	1.0	8.5	3.3	14.5	5.7
26	5° 51'.5	5° 52'.5	5° 35'.5	2.6	1.0	8.6	3.4	14.6	5.7
27	5° 51'.7	5° 52'.7	5° 35'.7	2.7	1.1	8.7	3.4	14.7	5.8
28	5° 52'.0	5° 53'.0	5° 36'.0	2.8	1.1	8.8	3.4	14.8	5.8
29	5° 52'.2	5° 53'.2	5° 36'.2	2.9	1.1	8.9	3.5	14.9	5.8
30	5° 52'.5	5° 53'.5	5° 36'.4	3.0	1.2	9.0	3.5	15.0	5.9
31	5° 52'.8	5° 53'.7	5° 36'.7	3.1	1.2	9.1	3.6	15.1	5.9
32	5° 53'.0	5° 54'.0	5° 36'.9	3.2	1.3	9.2	3.6	15.2	6.0
33	5° 53'.3	5° 54'.2	5° 37'.2	3.3	1.3	9.3	3.6	15.3	6.0
34	5° 53'.5	5° 54'.5	5° 37'.4	3.4	1.3	9.4	3.7	15.4	6.0
35	5° 53'.8	5° 54'.7	5° 37'.6	3.5	1.4	9.5	3.7	15.5	6.1
36	5° 54'.0	5° 55'.0	5° 37'.9	3.6	1.4	9.6	3.8	15.6	6.1
37	5° 54'.2	5° 55'.2	5° 38'.1	3.7	1.4	9.7	3.8	15.7	6.1
38	5° 54'.5	5° 55'.5	5° 38'.4	3.8	1.5	9.8	3.8	15.8	6.2
39	5° 54'.7	5° 55'.7	5° 38'.6	3.9	1.5	9.9	3.9	15.9	6.2
40	5° 55'.0	5° 56'.0	5° 38'.8	4.0	1.6	10.0	3.9	16.0	6.3
41	5° 55'.2	5° 56'.2	5° 39'.1	4.1	1.6	10.1	4.0	16.1	6.3
42	5° 55'.5	5° 56'.5	5° 39'.3	4.2	1.6	10.2	4.0	16.2	6.3
43	5° 55'.8	5° 56'.7	5° 39'.5	4.3	1.7	10.3	4.0	16.3	6.4
44	5° 56'.0	5° 57'.0	5° 39'.8	4.4	1.7	10.4	4.1	16.4	6.4
45	5° 56'.3	5° 57'.2	5° 40'.0	4.5	1.8	10.5	4.1	16.5	6.5
46	5° 56'.5	5° 57'.5	5° 40'.3	4.6	1.8	10.6	4.2	16.6	6.5
47	5° 56'.8	5° 57'.7	5° 40'.5	4.7	1.8	10.7	4.2	16.7	6.5
48	5° 57'.0	5° 58'.0	5° 40'.7	4.8	1.9	10.8	4.2	16.8	6.6
49	5° 57'.2	5° 58'.2	5° 41'.0	4.9	1.9	10.9	4.3	16.9	6.6
50	5° 57'.5	5° 58'.5	5° 41'.2	5.0	2.0	11.0	4.3	17.0	6.7
51	5° 57'.7	5° 58'.7	5° 41'.5	5.1	2.0	11.1	4.3	17.1	6.7
52	5° 58'.0	5° 59'.0	5° 41'.7	5.2	2.0	11.2	4.4	17.2	6.7
53	5° 58'.2	5° 59'.2	5° 41'.9	5.3	2.1	11.3	4.4	17.3	6.8
54	5° 58'.5	5° 59'.5	5° 42'.2	5.4	2.1	11.4	4.5	17.4	6.8
55	5° 58'.8	5° 59'.7	5° 42'.4	5.5	2.2	11.5	4.5	17.5	6.9
56	5° 59'.0	6° 00'.0	5° 42'.6	5.6	2.2	11.6	4.5	17.6	6.9
57	5° 59'.3	6° 00'.2	5° 42'.9	5.7	2.2	11.7	4.6	17.7	6.9
58	5° 59'.5	6° 00'.5	5° 43'.1	5.8	2.3	11.8	4.6	17.8	7.0
59	5° 59'.7	6° 00'.7	5° 43'.4	5.9	2.3	11.9	4.7	17.9	7.0
60	6° 00'.0	6° 01'.0	5° 43'.6	6.0	2.4	12.0	4.7	18.0	7.1

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	6° 00'.0	6° 01'.0	5° 43'.6	0.0	0.0	6.0	2.5	12.0	4.9
01	6° 00'.2	6° 01'.3	5° 43'.8	0.1	0.0	6.1	2.5	12.1	4.9
02	6° 00'.5	6° 01'.5	5° 44'.1	0.2	0.1	6.2	2.5	12.2	5.0
03	6° 00'.7	6° 01'.8	5° 44'.3	0.3	0.1	6.3	2.6	12.3	5.0
04	6° 01'.0	6° 02'.0	5° 44'.6	0.4	0.2	6.4	2.6	12.4	5.1
05	6° 01'.3	6° 02'.3	5° 44'.8	0.5	0.2	6.5	2.7	12.5	5.1
06	6° 01'.5	6° 02'.5	5° 45'.0	0.6	0.2	6.6	2.7	12.6	5.1
07	6° 01'.8	6° 02'.8	5° 45'.3	0.7	0.3	6.7	2.7	12.7	5.2
08	6° 02'.0	6° 03'.0	5° 45'.5	0.8	0.3	6.8	2.8	12.8	5.2
09	6° 02'.3	6° 03'.3	5° 45'.7	0.9	0.4	6.9	2.8	12.9	5.3
10	6° 02'.5	6° 03'.5	5° 46'.0	1.0	0.4	7.0	2.9	13.0	5.3
11	6° 02'.7	6° 03'.8	5° 46'.2	1.1	0.4	7.1	2.9	13.1	5.3
12	6° 03'.0	6° 04'.0	5° 46'.5	1.2	0.5	7.2	2.9	13.2	5.4
13	6° 03'.2	6° 04'.3	5° 46'.7	1.3	0.5	7.3	3.0	13.3	5.4
14	6° 03'.5	6° 04'.5	5° 46'.9	1.4	0.6	7.4	3.0	13.4	5.5
15	6° 03'.7	6° 04'.8	5° 47'.2	1.5	0.6	7.5	3.1	13.5	5.5
16	6° 04'.0	6° 05'.0	5° 47'.4	1.6	0.7	7.6	3.1	13.6	5.6
17	6° 04'.3	6° 05'.3	5° 47'.7	1.7	0.7	7.7	3.1	13.7	5.6
18	6° 04'.5	6° 05'.5	5° 47'.9	1.8	0.7	7.8	3.2	13.8	5.6
19	6° 04'.8	6° 05'.8	5° 48'.1	1.9	0.8	7.9	3.2	13.9	5.7
20	6° 05'.0	6° 06'.0	5° 48'.4	2.0	0.8	8.0	3.3	14.0	5.7
21	6° 05'.3	6° 06'.3	5° 48'.6	2.1	0.9	8.1	3.3	14.1	5.8
22	6° 05'.5	6° 06'.5	5° 48'.8	2.2	0.9	8.2	3.3	14.2	5.8
23	6° 05'.7	6° 06'.8	5° 49'.1	2.3	0.9	8.3	3.4	14.3	5.8
24	6° 06'.0	6° 07'.0	5° 49'.3	2.4	1.0	8.4	3.4	14.4	5.9
25	6° 06'.2	6° 07'.3	5° 49'.6	2.5	1.0	8.5	3.5	14.5	5.9
26	6° 06'.5	6° 07'.5	5° 49'.8	2.6	1.1	8.6	3.5	14.6	6.0
27	6° 06'.8	6° 07'.8	5° 50'.0	2.7	1.1	8.7	3.6	14.7	6.0
28	6° 07'.0	6° 08'.0	5° 50'.3	2.8	1.1	8.8	3.6	14.8	6.0
29	6° 07'.3	6° 08'.3	5° 50'.5	2.9	1.2	8.9	3.6	14.9	6.1
30	6° 07'.5	6° 08'.5	5° 50'.8	3.0	1.2	9.0	3.7	15.0	6.1
31	6° 07'.8	6° 08'.8	5° 51'.0	3.1	1.3	9.1	3.7	15.1	6.2
32	6° 08'.0	6° 09'.0	5° 51'.2	3.2	1.3	9.2	3.8	15.2	6.2
33	6° 08'.2	6° 09'.3	5° 51'.5	3.3	1.3	9.3	3.8	15.3	6.2
34	6° 08'.5	6° 09'.5	5° 51'.7	3.4	1.4	9.4	3.8	15.4	6.3
35	6° 08'.7	6° 09'.8	5° 52'.0	3.5	1.4	9.5	3.9	15.5	6.3
36	6° 09'.0	6° 10'.0	5° 52'.2	3.6	1.5	9.6	3.9	15.6	6.4
37	6° 09'.2	6° 10'.3	5° 52'.4	3.7	1.5	9.7	4.0	15.7	6.4
38	6° 09'.5	6° 10'.5	5° 52'.7	3.8	1.6	9.8	4.0	15.8	6.5
39	6° 09'.8	6° 10'.8	5° 52'.9	3.9	1.6	9.9	4.0	15.9	6.5
40	6° 10'.0	6° 11'.0	5° 53'.1	4.0	1.6	10.0	4.1	16.0	6.5
41	6° 10'.3	6° 11'.3	5° 53'.4	4.1	1.7	10.1	4.1	16.1	6.6
42	6° 10'.5	6° 11'.5	5° 53'.6	4.2	1.7	10.2	4.2	16.2	6.6
43	6° 10'.8	6° 11'.8	5° 53'.9	4.3	1.8	10.3	4.2	16.3	6.7
44	6° 11'.0	6° 12'.0	5° 54'.1	4.4	1.8	10.4	4.2	16.4	6.7
45	6° 11'.2	6° 12'.3	5° 54'.3	4.5	1.8	10.5	4.3	16.5	6.7
46	6° 11'.5	6° 12'.5	5° 54'.6	4.6	1.9	10.6	4.3	16.6	6.8
47	6° 11'.7	6° 12'.8	5° 54'.8	4.7	1.9	10.7	4.4	16.7	6.8
48	6° 12'.0	6° 13'.0	5° 55'.1	4.8	2.0	10.8	4.4	16.8	6.9
49	6° 12'.2	6° 13'.3	5° 55'.3	4.9	2.0	10.9	4.5	16.9	6.9
50	6° 12'.5	6° 13'.5	5° 55'.5	5.0	2.0	11.0	4.5	17.0	6.9
51	6° 12'.8	6° 13'.8	5° 55'.8	5.1	2.1	11.1	4.5	17.1	7.0
52	6° 13'.0	6° 14'.0	5° 56'.0	5.2	2.1	11.2	4.6	17.2	7.0
53	6° 13'.3	6° 14'.3	5° 56'.2	5.3	2.2	11.3	4.6	17.3	7.1
54	6° 13'.5	6° 14'.5	5° 56'.5	5.4	2.2	11.4	4.7	17.4	7.1
55	6° 13'.8	6° 14'.8	5° 56'.7	5.5	2.2	11.5	4.7	17.5	7.1
56	6° 14'.0	6° 15'.0	5° 57'.0	5.6	2.3	11.6	4.7	17.6	7.2
57	6° 14'.2	6° 15'.3	5° 57'.2	5.7	2.3	11.7	4.8	17.7	7.2
58	6° 14'.5	6° 15'.5	5° 57'.4	5.8	2.4	11.8	4.8	17.8	7.3
59	6° 14'.7	6° 15'.8	5° 57'.7	5.9	2.4	11.9	4.9	17.9	7.3
60	6° 15'.0	6° 16'.0	5° 57'.9	6.0	2.5	12.0	4.9	18.0	7.4

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	6° 15'.0	6° 16'.0	5° 57'.9	0.0	0.0	6.0	2.6	12.0	5.1
01	6° 15'.3	6° 16'.3	5° 58'.2	0.1	0.0	6.1	2.6	12.1	5.1
02	6° 15'.5	6° 16'.5	5° 58'.4	0.2	0.1	6.2	2.6	12.2	5.2
03	6° 15'.8	6° 16'.8	5° 58'.6	0.3	0.1	6.3	2.7	12.3	5.2
04	6° 16'.0	6° 17'.0	5° 58'.9	0.4	0.2	6.4	2.7	12.4	5.3
05	6° 16'.3	6° 17'.3	5° 59'.1	0.5	0.2	6.5	2.8	12.5	5.3
06	6° 16'.5	6° 17'.5	5° 59'.3	0.6	0.3	6.6	2.8	12.6	5.4
07	6° 16'.7	6° 17'.8	5° 59'.6	0.7	0.3	6.7	2.8	12.7	5.4
08	6° 17'.0	6° 18'.0	5° 59'.8	0.8	0.3	6.8	2.9	12.8	5.4
09	6° 17'.2	6° 18'.3	6° 00'.1	0.9	0.4	6.9	2.9	12.9	5.5
10	6° 17'.5	6° 18'.5	6° 00'.3	1.0	0.4	7.0	3.0	13.0	5.5
11	6° 17'.7	6° 18'.8	6° 00'.5	1.1	0.5	7.1	3.0	13.1	5.6
12	6° 18'.0	6° 19'.0	6° 00'.8	1.2	0.5	7.2	3.1	13.2	5.6
13	6° 18'.3	6° 19'.3	6° 01'.0	1.3	0.6	7.3	3.1	13.3	5.7
14	6° 18'.5	6° 19'.6	6° 01'.3	1.4	0.6	7.4	3.1	13.4	5.7
15	6° 18'.8	6° 19'.8	6° 01'.5	1.5	0.6	7.5	3.2	13.5	5.7
16	6° 19'.0	6° 20'.1	6° 01'.7	1.6	0.7	7.6	3.2	13.6	5.8
17	6° 19'.3	6° 20'.3	6° 02'.0	1.7	0.7	7.7	3.3	13.7	5.8
18	6° 19'.5	6° 20'.6	6° 02'.2	1.8	0.8	7.8	3.3	13.8	5.9
19	6° 19'.7	6° 20'.8	6° 02'.5	1.9	0.8	7.9	3.4	13.9	5.9
20	6° 20'.0	6° 21'.1	6° 02'.7	2.0	0.9	8.0	3.4	14.0	6.0
21	6° 20'.2	6° 21'.3	6° 02'.9	2.1	0.9	8.1	3.4	14.1	6.0
22	6° 20'.5	6° 21'.6	6° 03'.2	2.2	0.9	8.2	3.5	14.2	6.0
23	6° 20'.7	6° 21'.8	6° 03'.4	2.3	1.0	8.3	3.5	14.3	6.1
24	6° 21'.0	6° 22'.1	6° 03'.6	2.4	1.0	8.4	3.6	14.4	6.1
25	6° 21'.3	6° 22'.3	6° 03'.9	2.5	1.1	8.5	3.6	14.5	6.2
26	6° 21'.5	6° 22'.6	6° 04'.1	2.6	1.1	8.6	3.7	14.6	6.2
27	6° 21'.8	6° 22'.8	6° 04'.4	2.7	1.1	8.7	3.7	14.7	6.2
28	6° 22'.0	6° 23'.1	6° 04'.6	2.8	1.2	8.8	3.7	14.8	6.3
29	6° 22'.3	6° 23'.3	6° 04'.8	2.9	1.2	8.9	3.8	14.9	6.3
30	6° 22'.5	6° 23'.6	6° 05'.1	3.0	1.3	9.0	3.8	15.0	6.4
31	6° 22'.7	6° 23'.8	6° 05'.3	3.1	1.3	9.1	3.9	15.1	6.4
32	6° 23'.0	6° 24'.1	6° 05'.6	3.2	1.4	9.2	3.9	15.2	6.5
33	6° 23'.2	6° 24'.3	6° 05'.8	3.3	1.4	9.3	4.0	15.3	6.5
34	6° 23'.5	6° 24'.6	6° 06'.0	3.4	1.4	9.4	4.0	15.4	6.5
35	6° 23'.8	6° 24'.8	6° 06'.3	3.5	1.5	9.5	4.0	15.5	6.6
36	6° 24'.0	6° 25'.1	6° 06'.5	3.6	1.5	9.6	4.1	15.6	6.6
37	6° 24'.3	6° 25'.3	6° 06'.7	3.7	1.6	9.7	4.1	15.7	6.7
38	6° 24'.5	6° 25'.6	6° 07'.0	3.8	1.6	9.8	4.2	15.8	6.7
39	6° 24'.8	6° 25'.8	6° 07'.2	3.9	1.7	9.9	4.2	15.9	6.8
40	6° 25'.0	6° 26'.1	6° 07'.5	4.0	1.7	10.0	4.3	16.0	6.8
41	6° 25'.2	6° 26'.3	6° 07'.7	4.1	1.7	10.1	4.3	16.1	6.8
42	6° 25'.5	6° 26'.6	6° 07'.9	4.2	1.8	10.2	4.3	16.2	6.9
43	6° 25'.7	6° 26'.8	6° 08'.2	4.3	1.8	10.3	4.4	16.3	6.9
44	6° 26'.0	6° 27'.1	6° 08'.4	4.4	1.9	10.4	4.4	16.4	7.0
45	6° 26'.2	6° 27'.3	6° 08'.7	4.5	1.9	10.5	4.5	16.5	7.0
46	6° 26'.5	6° 27'.6	6° 08'.9	4.6	2.0	10.6	4.5	16.6	7.1
47	6° 26'.8	6° 27'.8	6° 09'.1	4.7	2.0	10.7	4.5	16.7	7.1
48	6° 27'.0	6° 28'.1	6° 09'.4	4.8	2.0	10.8	4.6	16.8	7.1
49	6° 27'.3	6° 28'.3	6° 09'.6	4.9	2.1	10.9	4.6	16.9	7.2
50	6° 27'.5	6° 28'.6	6° 09'.8	5.0	2.1	11.0	4.7	17.0	7.2
51	6° 27'.8	6° 28'.8	6° 10'.1	5.1	2.2	11.1	4.7	17.1	7.3
52	6° 28'.0	6° 29'.1	6° 10'.3	5.2	2.2	11.2	4.8	17.2	7.3
53	6° 28'.2	6° 29'.3	6° 10'.6	5.3	2.3	11.3	4.8	17.3	7.4
54	6° 28'.5	6° 29'.6	6° 10'.8	5.4	2.3	11.4	4.8	17.4	7.4
55	6° 28'.7	6° 29'.8	6° 11'.0	5.5	2.3	11.5	4.9	17.5	7.4
56	6° 29'.0	6° 30'.1	6° 11'.3	5.6	2.4	11.6	4.9	17.6	7.5
57	6° 29'.2	6° 30'.3	6° 11'.5	5.7	2.4	11.7	5.0	17.7	7.5
58	6° 29'.5	6° 30'.6	6° 11'.8	5.8	2.5	11.8	5.0	17.8	7.6
59	6° 29'.8	6° 30'.8	6° 12'.0	5.9	2.5	11.9	5.1	17.9	7.6
60	6° 30'.0	6° 31'.1	6° 12'.2	6.0	2.6	12.0	5.1	18.0	7.7

26^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	6° 30'.0	6° 31'.1	6° 12'.2	0.0	0.0	6.0	2.7	12.0	5.3
01	6° 30'.3	6° 31'.3	6° 12'.5	0.1	0.0	6.1	2.7	12.1	5.3
02	6° 30'.5	6° 31'.6	6° 12'.7	0.2	0.1	6.2	2.7	12.2	5.4
03	6° 30'.7	6° 31'.8	6° 12'.9	0.3	0.1	6.3	2.8	12.3	5.4
04	6° 31'.0	6° 32'.1	6° 13'.2	0.4	0.2	6.4	2.8	12.4	5.5
05	6° 31'.2	6° 32'.3	6° 13'.4	0.5	0.2	6.5	2.9	12.5	5.5
06	6° 31'.5	6° 32'.6	6° 13'.7	0.6	0.3	6.6	2.9	12.6	5.6
07	6° 31'.7	6° 32'.8	6° 13'.9	0.7	0.3	6.7	3.0	12.7	5.6
08	6° 32'.0	6° 33'.1	6° 14'.1	0.8	0.4	6.8	3.0	12.8	5.7
09	6° 32'.3	6° 33'.3	6° 14'.4	0.9	0.4	6.9	3.0	12.9	5.7
10	6° 32'.5	6° 33'.6	6° 14'.6	1.0	0.4	7.0	3.1	13.0	5.7
11	6° 32'.8	6° 33'.8	6° 14'.9	1.1	0.5	7.1	3.1	13.1	5.8
12	6° 33'.0	6° 34'.1	6° 15'.1	1.2	0.5	7.2	3.2	13.2	5.8
13	6° 33'.3	6° 34'.3	6° 15'.3	1.3	0.6	7.3	3.2	13.3	5.9
14	6° 33'.5	6° 34'.6	6° 15'.6	1.4	0.6	7.4	3.3	13.4	5.9
15	6° 33'.7	6° 34'.8	6° 15'.8	1.5	0.7	7.5	3.3	13.5	6.0
16	6° 34'.0	6° 35'.1	6° 16'.1	1.6	0.7	7.6	3.4	13.6	6.0
17	6° 34'.2	6° 35'.3	6° 16'.3	1.7	0.8	7.7	3.4	13.7	6.1
18	6° 34'.5	6° 35'.6	6° 16'.5	1.8	0.8	7.8	3.4	13.8	6.1
19	6° 34'.7	6° 35'.8	6° 16'.8	1.9	0.8	7.9	3.5	13.9	6.1
20	6° 35'.0	6° 36'.1	6° 17'.0	2.0	0.9	8.0	3.5	14.0	6.2
21	6° 35'.3	6° 36'.3	6° 17'.2	2.1	0.9	8.1	3.6	14.1	6.2
22	6° 35'.5	6° 36'.6	6° 17'.5	2.2	1.0	8.2	3.6	14.2	6.3
23	6° 35'.8	6° 36'.8	6° 17'.7	2.3	1.0	8.3	3.7	14.3	6.3
24	6° 36'.0	6° 37'.1	6° 18'.0	2.4	1.1	8.4	3.7	14.4	6.4
25	6° 36'.3	6° 37'.4	6° 18'.2	2.5	1.1	8.5	3.8	14.5	6.4
26	6° 36'.5	6° 37'.6	6° 18'.4	2.6	1.1	8.6	3.8	14.6	6.4
27	6° 36'.7	6° 37'.9	6° 18'.7	2.7	1.2	8.7	3.8	14.7	6.5
28	6° 37'.0	6° 38'.1	6° 18'.9	2.8	1.2	8.8	3.9	14.8	6.5
29	6° 37'.2	6° 38'.4	6° 19'.2	2.9	1.3	8.9	3.9	14.9	6.6
30	6° 37'.5	6° 38'.6	6° 19'.4	3.0	1.3	9.0	4.0	15.0	6.6
31	6° 37'.7	6° 38'.9	6° 19'.6	3.1	1.4	9.1	4.0	15.1	6.7
32	6° 38'.0	6° 39'.1	6° 19'.9	3.2	1.4	9.2	4.1	15.2	6.7
33	6° 38'.3	6° 39'.4	6° 20'.1	3.3	1.5	9.3	4.1	15.3	6.8
34	6° 38'.5	6° 39'.6	6° 20'.3	3.4	1.5	9.4	4.2	15.4	6.8
35	6° 38'.8	6° 39'.9	6° 20'.6	3.5	1.5	9.5	4.2	15.5	6.8
36	6° 39'.0	6° 40'.1	6° 20'.8	3.6	1.6	9.6	4.2	15.6	6.9
37	6° 39'.2	6° 40'.4	6° 21'.1	3.7	1.6	9.7	4.3	15.7	6.9
38	6° 39'.5	6° 40'.6	6° 21'.3	3.8	1.7	9.8	4.3	15.8	7.0
39	6° 39'.7	6° 40'.9	6° 21'.5	3.9	1.7	9.9	4.4	15.9	7.0
40	6° 40'.0	6° 41'.1	6° 21'.8	4.0	1.8	10.0	4.4	16.0	7.1
41	6° 40'.2	6° 41'.4	6° 22'.0	4.1	1.8	10.1	4.5	16.1	7.1
42	6° 40'.5	6° 41'.6	6° 22'.3	4.2	1.9	10.2	4.5	16.2	7.2
43	6° 40'.8	6° 41'.9	6° 22'.5	4.3	1.9	10.3	4.5	16.3	7.2
44	6° 41'.0	6° 42'.1	6° 22'.7	4.4	1.9	10.4	4.6	16.4	7.2
45	6° 41'.3	6° 42'.4	6° 23'.0	4.5	2.0	10.5	4.6	16.5	7.3
46	6° 41'.5	6° 42'.6	6° 23'.2	4.6	2.0	10.6	4.7	16.6	7.3
47	6° 41'.8	6° 42'.9	6° 23'.4	4.7	2.1	10.7	4.7	16.7	7.4
48	6° 42'.0	6° 43'.1	6° 23'.7	4.8	2.1	10.8	4.8	16.8	7.4
49	6° 42'.2	6° 43'.4	6° 23'.9	4.9	2.2	10.9	4.8	16.9	7.5
50	6° 42'.5	6° 43'.6	6° 24'.2	5.0	2.2	11.0	4.9	17.0	7.5
51	6° 42'.7	6° 43'.9	6° 24'.4	5.1	2.3	11.1	4.9	17.1	7.6
52	6° 43'.0	6° 44'.1	6° 24'.6	5.2	2.3	11.2	4.9	17.2	7.6
53	6° 43'.2	6° 44'.4	6° 24'.9	5.3	2.3	11.3	5.0	17.3	7.6
54	6° 43'.5	6° 44'.6	6° 25'.1	5.4	2.4	11.4	5.0	17.4	7.7
55	6° 43'.8	6° 44'.9	6° 25'.4	5.5	2.4	11.5	5.1	17.5	7.7
56	6° 44'.0	6° 45'.1	6° 25'.6	5.6	2.5	11.6	5.1	17.6	7.8
57	6° 44'.3	6° 45'.4	6° 25'.8	5.7	2.5	11.7	5.2	17.7	7.8
58	6° 44'.5	6° 45'.6	6° 26'.1	5.8	2.6	11.8	5.2	17.8	7.9
59	6° 44'.8	6° 45'.9	6° 26'.3	5.9	2.6	11.9	5.3	17.9	7.9
60	6° 45'.0	6° 46'.1	6° 26'.5	6.0	2.7	12.0	5.3	18.0	8.0

27^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	6° 45'.0	6° 46'.1	6° 26'.5	0.0	0.0	6.0	2.8	12.0	5.5
01	6° 45'.2	6° 46'.4	6° 26'.8	0.1	0.0	6.1	2.8	12.1	5.5
02	6° 45'.5	6° 46'.6	6° 27'.0	0.2	0.1	6.2	2.8	12.2	5.6
03	6° 45'.7	6° 46'.9	6° 27'.3	0.3	0.1	6.3	2.9	12.3	5.6
04	6° 46'.0	6° 47'.1	6° 27'.5	0.4	0.2	6.4	2.9	12.4	5.7
05	6° 46'.3	6° 47'.4	6° 27'.7	0.5	0.2	6.5	3.0	12.5	5.7
06	6° 46'.5	6° 47'.6	6° 28'.0	0.6	0.3	6.6	3.0	12.6	5.8
07	6° 46'.8	6° 47'.9	6° 28'.2	0.7	0.3	6.7	3.1	12.7	5.8
08	6° 47'.0	6° 48'.1	6° 28'.5	0.8	0.4	6.8	3.1	12.8	5.9
09	6° 47'.3	6° 48'.4	6° 28'.7	0.9	0.4	6.9	3.2	12.9	5.9
10	6° 47'.5	6° 48'.6	6° 28'.9	1.0	0.5	7.0	3.2	13.0	6.0
11	6° 47'.7	6° 48'.9	6° 29'.2	1.1	0.5	7.1	3.3	13.1	6.0
12	6° 48'.0	6° 49'.1	6° 29'.4	1.2	0.6	7.2	3.3	13.2	6.1
13	6° 48'.2	6° 49'.4	6° 29'.7	1.3	0.6	7.3	3.3	13.3	6.1
14	6° 48'.5	6° 49'.6	6° 29'.9	1.4	0.6	7.4	3.4	13.4	6.1
15	6° 48'.7	6° 49'.9	6° 30'.1	1.5	0.7	7.5	3.4	13.5	6.2
16	6° 49'.0	6° 50'.1	6° 30'.4	1.6	0.7	7.6	3.5	13.6	6.2
17	6° 49'.3	6° 50'.4	6° 30'.6	1.7	0.8	7.7	3.5	13.7	6.3
18	6° 49'.5	6° 50'.6	6° 30'.8	1.8	0.8	7.8	3.6	13.8	6.3
19	6° 49'.8	6° 50'.9	6° 31'.1	1.9	0.9	7.9	3.6	13.9	6.4
20	6° 50'.0	6° 51'.1	6° 31'.3	2.0	0.9	8.0	3.7	14.0	6.4
21	6° 50'.3	6° 51'.4	6° 31'.6	2.1	1.0	8.1	3.7	14.1	6.5
22	6° 50'.5	6° 51'.6	6° 31'.8	2.2	1.0	8.2	3.8	14.2	6.5
23	6° 50'.7	6° 51'.9	6° 32'.0	2.3	1.1	8.3	3.8	14.3	6.6
24	6° 51'.0	6° 52'.1	6° 32'.3	2.4	1.1	8.4	3.9	14.4	6.6
25	6° 51'.2	6° 52'.4	6° 32'.5	2.5	1.1	8.5	3.9	14.5	6.6
26	6° 51'.5	6° 52'.6	6° 32'.8	2.6	1.2	8.6	3.9	14.6	6.7
27	6° 51'.7	6° 52'.9	6° 33'.0	2.7	1.2	8.7	4.0	14.7	6.7
28	6° 52'.0	6° 53'.1	6° 33'.2	2.8	1.3	8.8	4.0	14.8	6.8
29	6° 52'.3	6° 53'.4	6° 33'.5	2.9	1.3	8.9	4.1	14.9	6.8
30	6° 52'.5	6° 53'.6	6° 33'.7	3.0	1.4	9.0	4.1	15.0	6.9
31	6° 52'.8	6° 53'.9	6° 33'.9	3.1	1.4	9.1	4.2	15.1	6.9
32	6° 53'.0	6° 54'.1	6° 34'.2	3.2	1.5	9.2	4.2	15.2	7.0
33	6° 53'.3	6° 54'.4	6° 34'.4	3.3	1.5	9.3	4.3	15.3	7.0
34	6° 53'.5	6° 54'.6	6° 34'.7	3.4	1.6	9.4	4.3	15.4	7.1
35	6° 53'.7	6° 54'.9	6° 34'.9	3.5	1.6	9.5	4.4	15.5	7.1
36	6° 54'.0	6° 55'.1	6° 35'.1	3.6	1.7	9.6	4.4	15.6	7.2
37	6° 54'.2	6° 55'.4	6° 35'.4	3.7	1.7	9.7	4.4	15.7	7.2
38	6° 54'.5	6° 55'.7	6° 35'.6	3.8	1.7	9.8	4.5	15.8	7.2
39	6° 54'.8	6° 55'.9	6° 35'.9	3.9	1.8	9.9	4.5	15.9	7.3
40	6° 55'.0	6° 56'.2	6° 36'.1	4.0	1.8	10.0	4.6	16.0	7.3
41	6° 55'.3	6° 56'.4	6° 36'.3	4.1	1.9	10.1	4.6	16.1	7.4
42	6° 55'.5	6° 56'.7	6° 36'.6	4.2	1.9	10.2	4.7	16.2	7.4
43	6° 55'.8	6° 56'.9	6° 36'.8	4.3	2.0	10.3	4.7	16.3	7.5
44	6° 56'.0	6° 57'.2	6° 37'.0	4.4	2.0	10.4	4.8	16.4	7.5
45	6° 56'.2	6° 57'.4	6° 37'.3	4.5	2.1	10.5	4.8	16.5	7.6
46	6° 56'.5	6° 57'.7	6° 37'.5	4.6	2.1	10.6	4.9	16.6	7.6
47	6° 56'.7	6° 57'.9	6° 37'.8	4.7	2.2	10.7	4.9	16.7	7.7
48	6° 57'.0	6° 58'.2	6° 38'.0	4.8	2.2	10.8	5.0	16.8	7.7
49	6° 57'.2	6° 58'.4	6° 38'.2	4.9	2.2	10.9	5.0	16.9	7.7
50	6° 57'.5	6° 58'.7	6° 38'.5	5.0	2.3	11.0	5.0	17.0	7.8
51	6° 57'.8	6° 58'.9	6° 38'.7	5.1	2.3	11.1	5.1	17.1	7.8
52	6° 58'.0	6° 59'.2	6° 39'.0	5.2	2.4	11.2	5.1	17.2	7.9
53	6° 58'.3	6° 59'.4	6° 39'.2	5.3	2.4	11.3	5.2	17.3	7.9
54	6° 58'.5	6° 59'.7	6° 39'.4	5.4	2.5	11.4	5.2	17.4	8.0
55	6° 58'.8	6° 59'.9	6° 39'.7	5.5	2.5	11.5	5.3	17.5	8.0
56	6° 59'.0	7° 00'.2	6° 39'.9	5.6	2.6	11.6	5.3	17.6	8.1
57	6° 59'.2	7° 00'.4	6° 40'.2	5.7	2.6	11.7	5.4	17.7	8.1
58	6° 59'.5	7° 00'.7	6° 40'.4	5.8	2.7	11.8	5.4	17.8	8.2
59	6° 59'.7	7° 00'.9	6° 40'.6	5.9	2.7	11.9	5.5	17.9	8.2
60	7° 00'.0	7° 01'.2	6° 40'.9	6.0	2.8	12.0	5.5	18.0	8.3

28^{m}

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	7° 00'.0	7° 01'.2	6° 40'.9	0.0	0.0	6.0	2.9	12.0	5.7
01	7° 00'.2	7° 01'.4	6° 41'.1	0.1	0.0	6.1	2.9	12.1	5.7
02	7° 00'.5	7° 01'.7	6° 41'.3	0.2	0.1	6.2	2.9	12.2	5.8
03	7° 00'.8	7° 01'.9	6° 41'.6	0.3	0.1	6.3	3.0	12.3	5.8
04	7° 01'.0	7° 02'.2	6° 41'.8	0.4	0.2	6.4	3.0	12.4	5.9
05	7° 01'.3	7° 02'.4	6° 42'.1	0.5	0.2	6.5	3.1	12.5	5.9
06	7° 01'.5	7° 02'.7	6° 42'.3	0.6	0.3	6.6	3.1	12.6	6.0
07	7° 01'.8	7° 02'.9	6° 42'.5	0.7	0.3	6.7	3.2	12.7	6.0
08	7° 02'.0	7° 03'.2	6° 42'.8	0.8	0.4	6.8	3.2	12.8	6.1
09	7° 02'.2	7° 03'.4	6° 43'.0	0.9	0.4	6.9	3.3	12.9	6.1
10	7° 02'.5	7° 03'.7	6° 43'.3	1.0	0.5	7.0	3.3	13.0	6.2
11	7° 02'.7	7° 03'.9	6° 43'.5	1.1	0.5	7.1	3.4	13.1	6.2
12	7° 03'.0	7° 04'.2	6° 43'.7	1.2	0.6	7.2	3.4	13.2	6.3
13	7° 03'.3	7° 04'.4	6° 44'.0	1.3	0.6	7.3	3.5	13.3	6.3
14	7° 03'.5	7° 04'.7	6° 44'.2	1.4	0.7	7.4	3.5	13.4	6.4
15	7° 03'.8	7° 04'.9	6° 44'.4	1.5	0.7	7.5	3.6	13.5	6.4
16	7° 04'.0	7° 05'.2	6° 44'.7	1.6	0.8	7.6	3.6	13.6	6.5
17	7° 04'.3	7° 05'.4	6° 44'.9	1.7	0.8	7.7	3.7	13.7	6.5
18	7° 04'.5	7° 05'.7	6° 45'.2	1.8	0.9	7.8	3.7	13.8	6.6
19	7° 04'.7	7° 05'.9	6° 45'.4	1.9	0.9	7.9	3.8	13.9	6.6
20	7° 05'.0	7° 06'.2	6° 45'.6	2.0	1.0	8.0	3.8	14.0	6.7
21	7° 05'.2	7° 06'.4	6° 45'.9	2.1	1.0	8.1	3.8	14.1	6.7
22	7° 05'.5	7° 06'.7	6° 46'.1	2.2	1.0	8.2	3.9	14.2	6.7
23	7° 05'.7	7° 06'.9	6° 46'.4	2.3	1.1	8.3	3.9	14.3	6.8
24	7° 06'.0	7° 07'.2	6° 46'.6	2.4	1.1	8.4	4.0	14.4	6.8
25	7° 06'.3	7° 07'.4	6° 46'.8	2.5	1.2	8.5	4.0	14.5	6.9
26	7° 06'.5	7° 07'.7	6° 47'.1	2.6	1.2	8.6	4.1	14.6	6.9
27	7° 06'.8	7° 07'.9	6° 47'.3	2.7	1.3	8.7	4.1	14.7	7.0
28	7° 07'.0	7° 08'.2	6° 47'.5	2.8	1.3	8.8	4.2	14.8	7.0
29	7° 07'.3	7° 08'.4	6° 47'.8	2.9	1.4	8.9	4.2	14.9	7.1
30	7° 07'.5	7° 08'.7	6° 48'.0	3.0	1.4	9.0	4.3	15.0	7.1
31	7° 07'.7	7° 08'.9	6° 48'.3	3.1	1.5	9.1	4.3	15.1	7.2
32	7° 08'.0	7° 09'.2	6° 48'.5	3.2	1.5	9.2	4.4	15.2	7.2
33	7° 08'.2	7° 09'.4	6° 48'.7	3.3	1.6	9.3	4.4	15.3	7.3
34	7° 08'.5	7° 09'.7	6° 49'.0	3.4	1.6	9.4	4.5	15.4	7.3
35	7° 08'.7	7° 09'.9	6° 49'.2	3.5	1.7	9.5	4.5	15.5	7.4
36	7° 09'.0	7° 10'.2	6° 49'.5	3.6	1.7	9.6	4.6	15.6	7.4
37	7° 09'.3	7° 10'.4	6° 49'.7	3.7	1.8	9.7	4.6	15.7	7.5
38	7° 09'.5	7° 10'.7	6° 49'.9	3.8	1.8	9.8	4.7	15.8	7.5
39	7° 09'.8	7° 10'.9	6° 50'.2	3.9	1.9	9.9	4.7	15.9	7.6
40	7° 10'.0	7° 11'.2	6° 50'.4	4.0	1.9	10.0	4.8	16.0	7.6
41	7° 10'.3	7° 11'.4	6° 50'.6	4.1	1.9	10.1	4.8	16.1	7.6
42	7° 10'.5	7° 11'.7	6° 50'.9	4.2	2.0	10.2	4.8	16.2	7.7
43	7° 10'.7	7° 11'.9	6° 51'.1	4.3	2.0	10.3	4.9	16.3	7.7
44	7° 11'.0	7° 12'.2	6° 51'.4	4.4	2.1	10.4	4.9	16.4	7.8
45	7° 11'.3	7° 12'.4	6° 51'.6	4.5	2.1	10.5	5.0	16.5	7.8
46	7° 11'.5	7° 12'.7	6° 51'.8	4.6	2.2	10.6	5.0	16.6	7.9
47	7° 11'.7	7° 12'.9	6° 52'.1	4.7	2.2	10.7	5.1	16.7	7.9
48	7° 12'.0	7° 13'.2	6° 52'.3	4.8	2.3	10.8	5.1	16.8	8.0
49	7° 12'.3	7° 13'.5	6° 52'.6	4.9	2.3	10.9	5.2	16.9	8.0
50	7° 12'.5	7° 13'.7	6° 52'.8	5.0	2.4	11.0	5.2	17.0	8.1
51	7° 12'.7	7° 14'.0	6° 53'.0	5.1	2.4	11.1	5.3	17.1	8.1
52	7° 13'.0	7° 14'.2	6° 53'.3	5.2	2.5	11.2	5.3	17.2	8.2
53	7° 13'.2	7° 14'.5	6° 53'.5	5.3	2.5	11.3	5.4	17.3	8.2
54	7° 13'.5	7° 14'.7	6° 53'.8	5.4	2.6	11.4	5.4	17.4	8.3
55	7° 13'.8	7° 15'.0	6° 54'.0	5.5	2.6	11.5	5.5	17.5	8.3
56	7° 14'.0	7° 15'.2	6° 54'.2	5.6	2.7	11.6	5.5	17.6	8.4
57	7° 14'.2	7° 15'.5	6° 54'.5	5.7	2.7	11.7	5.6	17.7	8.4
58	7° 14'.5	7° 15'.7	6° 54'.7	5.8	2.8	11.8	5.6	17.8	8.5
59	7° 14'.8	7° 16'.0	6° 54'.9	5.9	2.8	11.9	5.7	17.9	8.5
60	7° 15'.0	7° 16'.2	6° 55'.2	6.0	2.9	12.0	5.7	18.0	8.6

29^{m}

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	7° 15'.0	7° 16'.2	6° 55'.2	0.0	0.0	6.0	3.0	12.0	5.9
01	7° 15'.2	7° 16'.5	6° 55'.4	0.1	0.0	6.1	3.0	12.1	5.9
02	7° 15'.5	7° 16'.7	6° 55'.7	0.2	0.1	6.2	3.0	12.2	6.0
03	7° 15'.8	7° 17'.0	6° 55'.9	0.3	0.1	6.3	3.1	12.3	6.0
04	7° 16'.0	7° 17'.2	6° 56'.1	0.4	0.2	6.4	3.1	12.4	6.1
05	7° 16'.3	7° 17'.5	6° 56'.4	0.5	0.2	6.5	3.2	12.5	6.1
06	7° 16'.5	7° 17'.7	6° 56'.6	0.6	0.3	6.6	3.2	12.6	6.2
07	7° 16'.7	7° 18'.0	6° 56'.9	0.7	0.3	6.7	3.3	12.7	6.2
08	7° 17'.0	7° 18'.2	6° 57'.1	0.8	0.4	6.8	3.3	12.8	6.3
09	7° 17'.3	7° 18'.5	6° 57'.3	0.9	0.4	6.9	3.4	12.9	6.3
10	7° 17'.5	7° 18'.7	6° 57'.6	1.0	0.5	7.0	3.4	13.0	6.4
11	7° 17'.7	7° 19'.0	6° 57'.8	1.1	0.5	7.1	3.5	13.1	6.4
12	7° 18'.0	7° 19'.2	6° 58'.0	1.2	0.6	7.2	3.5	13.2	6.5
13	7° 18'.3	7° 19'.5	6° 58'.3	1.3	0.6	7.3	3.6	13.3	6.5
14	7° 18'.5	7° 19'.7	6° 58'.5	1.4	0.7	7.4	3.6	13.4	6.6
15	7° 18'.8	7° 20'.0	6° 58'.8	1.5	0.7	7.5	3.7	13.5	6.6
16	7° 19'.0	7° 20'.2	6° 59'.0	1.6	0.8	7.6	3.7	13.6	6.7
17	7° 19'.2	7° 20'.5	6° 59'.2	1.7	0.8	7.7	3.8	13.7	6.7
18	7° 19'.5	7° 20'.7	6° 59'.5	1.8	0.9	7.8	3.8	13.8	6.8
19	7° 19'.8	7° 21'.0	6° 59'.7	1.9	0.9	7.9	3.9	13.9	6.8
20	7° 20'.0	7° 21'.2	7° 00'.0	2.0	1.0	8.0	3.9	14.0	6.9
21	7° 20'.2	7° 21'.5	7° 00'.2	2.1	1.0	8.1	4.0	14.1	6.9
22	7° 20'.5	7° 21'.7	7° 00'.4	2.2	1.1	8.2	4.0	14.2	7.0
23	7° 20'.8	7° 22'.0	7° 00'.7	2.3	1.1	8.3	4.1	14.3	7.0
24	7° 21'.0	7° 22'.2	7° 00'.9	2.4	1.2	8.4	4.1	14.4	7.1
25	7° 21'.2	7° 22'.5	7° 01'.1	2.5	1.2	8.5	4.2	14.5	7.1
26	7° 21'.5	7° 22'.7	7° 01'.4	2.6	1.3	8.6	4.2	14.6	7.2
27	7° 21'.7	7° 23'.0	7° 01'.6	2.7	1.3	8.7	4.3	14.7	7.2
28	7° 22'.0	7° 23'.2	7° 01'.9	2.8	1.4	8.8	4.3	14.8	7.3
29	7° 22'.3	7° 23'.5	7° 02'.1	2.9	1.4	8.9	4.4	14.9	7.3
30	7° 22'.5	7° 23'.7	7° 02'.3	3.0	1.5	9.0	4.4	15.0	7.4
31	7° 22'.7	7° 24'.0	7° 02'.6	3.1	1.5	9.1	4.5	15.1	7.4
32	7° 23'.0	7° 24'.2	7° 02'.8	3.2	1.6	9.2	4.5	15.2	7.5
33	7° 23'.3	7° 24'.5	7° 03'.1	3.3	1.6	9.3	4.6	15.3	7.5
34	7° 23'.5	7° 24'.7	7° 03'.3	3.4	1.7	9.4	4.6	15.4	7.6
35	7° 23'.7	7° 25'.0	7° 03'.5	3.5	1.7	9.5	4.7	15.5	7.6
36	7° 24'.0	7° 25'.2	7° 03'.8	3.6	1.8	9.6	4.7	15.6	7.7
37	7° 24'.3	7° 25'.5	7° 04'.0	3.7	1.8	9.7	4.8	15.7	7.7
38	7° 24'.5	7° 25'.7	7° 04'.3	3.8	1.9	9.8	4.8	15.8	7.8
39	7° 24'.8	7° 26'.0	7° 04'.5	3.9	1.9	9.9	4.9	15.9	7.8
40	7° 25'.0	7° 26'.2	7° 04'.7	4.0	2.0	10.0	4.9	16.0	7.9
41	7° 25'.2	7° 26'.5	7° 05'.0	4.1	2.0	10.1	5.0	16.1	7.9
42	7° 25'.5	7° 26'.7	7° 05'.2	4.2	2.1	10.2	5.0	16.2	8.0
43	7° 25'.8	7° 27'.0	7° 05'.4	4.3	2.1	10.3	5.1	16.3	8.0
44	7° 26'.0	7° 27'.2	7° 05'.7	4.4	2.2	10.4	5.1	16.4	8.1
45	7° 26'.2	7° 27'.5	7° 05'.9	4.5	2.2	10.5	5.2	16.5	8.1
46	7° 26'.5	7° 27'.7	7° 06'.2	4.6	2.3	10.6	5.2	16.6	8.2
47	7° 26'.8	7° 28'.0	7° 06'.4	4.7	2.3	10.7	5.3	16.7	8.2
48	7° 27'.0	7° 28'.2	7° 06'.6	4.8	2.4	10.8	5.3	16.8	8.3
49	7° 27'.3	7° 28'.5	7° 06'.9	4.9	2.4	10.9	5.4	16.9	8.3
50	7° 27'.5	7° 28'.7	7° 07'.1	5.0	2.5	11.0	5.4	17.0	8.4
51	7° 27'.7	7° 29'.0	7° 07'.4	5.1	2.5	11.1	5.5	17.1	8.4
52	7° 28'.0	7° 29'.2	7° 07'.6	5.2	2.6	11.2	5.5	17.2	8.5
53	7° 28'.3	7° 29'.5	7° 07'.8	5.3	2.6	11.3	5.6	17.3	8.5
54	7° 28'.5	7° 29'.7	7° 08'.1	5.4	2.7	11.4	5.6	17.4	8.6
55	7° 28'.7	7° 30'.0	7° 08'.3	5.5	2.7	11.5	5.7	17.5	8.6
56	7° 29'.0	7° 30'.2	7° 08'.5	5.6	2.8	11.6	5.7	17.6	8.7
57	7° 29'.3	7° 30'.5	7° 08'.8	5.7	2.8	11.7	5.8	17.7	8.7
58	7° 29'.5	7° 30'.7	7° 09'.0	5.8	2.9	11.8	5.8	17.8	8.8
59	7° 29'.7	7° 31'.0	7° 09'.3	5.9	2.9	11.9	5.9	17.9	8.8
60	7° 30'.0	7° 31'.2	7° 09'.5	6.0	3.0	12.0	5.9	18.0	8.9

30^{m} INCREMENTS AND CORRECTIONS 31^{m}

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	7° 30'.0	7° 31'.2	7° 09'.5	0.0	0.0	6.0	3.1	12.0	6.1
01	7° 30'.2	7° 31'.5	7° 09'.7	0.1	0.1	6.1	3.1	12.1	6.2
02	7° 30'.5	7° 31'.8	7° 10'.0	0.2	0.1	6.2	3.2	12.2	6.2
03	7° 30'.8	7° 32'.0	7° 10'.2	0.3	0.2	6.3	3.2	12.3	6.3
04	7° 31'.0	7° 32'.3	7° 10'.5	0.4	0.2	6.4	3.3	12.4	6.3
05	7° 31'.2	7° 32'.5	7° 10'.7	0.5	0.3	6.5	3.3	12.5	6.4
06	7° 31'.5	7° 32'.8	7° 10'.9	0.6	0.3	6.6	3.4	12.6	6.4
07	7° 31'.8	7° 33'.0	7° 11'.2	0.7	0.4	6.7	3.4	12.7	6.5
08	7° 32'.0	7° 33'.3	7° 11'.4	0.8	0.4	6.8	3.5	12.8	6.5
09	7° 32'.2	7° 33'.5	7° 11'.6	0.9	0.5	6.9	3.5	12.9	6.6
10	7° 32'.5	7° 33'.8	7° 11'.9	1.0	0.5	7.0	3.6	13.0	6.6
11	7° 32'.8	7° 34'.0	7° 12'.1	1.1	0.6	7.1	3.6	13.1	6.7
12	7° 33'.0	7° 34'.3	7° 12'.4	1.2	0.6	7.2	3.7	13.2	6.7
13	7° 33'.3	7° 34'.5	7° 12'.6	1.3	0.7	7.3	3.7	13.3	6.8
14	7° 33'.5	7° 34'.8	7° 12'.8	1.4	0.7	7.4	3.8	13.4	6.8
15	7° 33'.7	7° 35'.0	7° 13'.1	1.5	0.8	7.5	3.8	13.5	6.9
16	7° 34'.0	7° 35'.3	7° 13'.3	1.6	0.8	7.6	3.9	13.6	6.9
17	7° 34'.3	7° 35'.5	7° 13'.6	1.7	0.9	7.7	3.9	13.7	7.0
18	7° 34'.5	7° 35'.8	7° 13'.8	1.8	0.9	7.8	4.0	13.8	7.0
19	7° 34'.7	7° 36'.0	7° 14'.0	1.9	1.0	7.9	4.0	13.9	7.1
20	7° 35'.0	7° 36'.3	7° 14'.3	2.0	1.0	8.0	4.1	14.0	7.1
21	7° 35'.3	7° 36'.5	7° 14'.5	2.1	1.1	8.1	4.1	14.1	7.2
22	7° 35'.5	7° 36'.8	7° 14'.7	2.2	1.1	8.2	4.2	14.2	7.2
23	7° 35'.8	7° 37'.0	7° 15'.0	2.3	1.2	8.3	4.2	14.3	7.3
24	7° 36'.0	7° 37'.3	7° 15'.2	2.4	1.2	8.4	4.3	14.4	7.3
25	7° 36'.2	7° 37'.5	7° 15'.5	2.5	1.3	8.5	4.3	14.5	7.4
26	7° 36'.5	7° 37'.8	7° 15'.7	2.6	1.3	8.6	4.4	14.6	7.4
27	7° 36'.8	7° 38'.0	7° 15'.9	2.7	1.4	8.7	4.4	14.7	7.5
28	7° 37'.0	7° 38'.3	7° 16'.2	2.8	1.4	8.8	4.5	14.8	7.5
29	7° 37'.2	7° 38'.5	7° 16'.4	2.9	1.5	8.9	4.5	14.9	7.6
30	7° 37'.5	7° 38'.8	7° 16'.7	3.0	1.5	9.0	4.6	15.0	7.6
31	7° 37'.8	7° 39'.0	7° 16'.9	3.1	1.6	9.1	4.6	15.1	7.7
32	7° 38'.0	7° 39'.3	7° 17'.1	3.2	1.6	9.2	4.7	15.2	7.7
33	7° 38'.2	7° 39'.5	7° 17'.4	3.3	1.7	9.3	4.7	15.3	7.8
34	7° 38'.5	7° 39'.8	7° 17'.6	3.4	1.7	9.4	4.8	15.4	7.8
35	7° 38'.7	7° 40'.0	7° 17'.9	3.5	1.8	9.5	4.8	15.5	7.9
36	7° 39'.0	7° 40'.3	7° 18'.1	3.6	1.8	9.6	4.9	15.6	7.9
37	7° 39'.3	7° 40'.5	7° 18'.3	3.7	1.9	9.7	4.9	15.7	8.0
38	7° 39'.5	7° 40'.8	7° 18'.6	3.8	1.9	9.8	5.0	15.8	8.0
39	7° 39'.7	7° 41'.0	7° 18'.8	3.9	2.0	9.9	5.0	15.9	8.1
40	7° 40'.0	7° 41'.3	7° 19'.0	4.0	2.0	10.0	5.1	16.0	8.1
41	7° 40'.3	7° 41'.5	7° 19'.3	4.1	2.1	10.1	5.1	16.1	8.2
42	7° 40'.5	7° 41'.8	7° 19'.5	4.2	2.1	10.2	5.2	16.2	8.2
43	7° 40'.7	7° 42'.0	7° 19'.8	4.3	2.2	10.3	5.2	16.3	8.3
44	7° 41'.0	7° 42'.3	7° 20'.0	4.4	2.2	10.4	5.3	16.4	8.3
45	7° 41'.3	7° 42'.5	7° 20'.2	4.5	2.3	10.5	5.3	16.5	8.4
46	7° 41'.5	7° 42'.8	7° 20'.5	4.6	2.3	10.6	5.4	16.6	8.4
47	7° 41'.8	7° 43'.0	7° 20'.7	4.7	2.4	10.7	5.4	16.7	8.5
48	7° 42'.0	7° 43'.3	7° 21'.0	4.8	2.4	10.8	5.5	16.8	8.5
49	7° 42'.2	7° 43'.5	7° 21'.2	4.9	2.5	10.9	5.5	16.9	8.6
50	7° 42'.5	7° 43'.8	7° 21'.4	5.0	2.5	11.0	5.6	17.0	8.6
51	7° 42'.8	7° 44'.0	7° 21'.7	5.1	2.6	11.1	5.6	17.1	8.7
52	7° 43'.0	7° 44'.3	7° 21'.9	5.2	2.6	11.2	5.7	17.2	8.7
53	7° 43'.2	7° 44'.5	7° 22'.1	5.3	2.7	11.3	5.7	17.3	8.8
54	7° 43'.5	7° 44'.8	7° 22'.4	5.4	2.7	11.4	5.8	17.4	8.8
55	7° 43'.8	7° 45'.0	7° 22'.6	5.5	2.8	11.5	5.8	17.5	8.9
56	7° 44'.0	7° 45'.3	7° 22'.9	5.6	2.8	11.6	5.9	17.6	8.9
57	7° 44'.3	7° 45'.5	7° 23'.1	5.7	2.9	11.7	5.9	17.7	9.0
58	7° 44'.5	7° 45'.8	7° 23'.3	5.8	2.9	11.8	6.0	17.8	9.0
59	7° 44'.7	7° 46'.0	7° 23'.6	5.9	3.0	11.9	6.0	17.9	9.1
60	7° 45'.0	7° 46'.3	7° 23'.8	6.0	3.1	12.0	6.1	18.0	9.2

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	7° 45'.0	7° 46'.3	7° 23'.8	0.0	0.0	6.0	3.2	12.0	6.3
01	7° 45'.3	7° 46'.5	7° 24'.1	0.1	0.1	6.1	3.2	12.1	6.4
02	7° 45'.5	7° 46'.8	7° 24'.3	0.2	0.1	6.2	3.3	12.2	6.4
03	7° 45'.7	7° 47'.0	7° 24'.5	0.3	0.2	6.3	3.3	12.3	6.5
04	7° 46'.0	7° 47'.3	7° 24'.8	0.4	0.2	6.4	3.4	12.4	6.5
05	7° 46'.3	7° 47'.5	7° 25'.0	0.5	0.3	6.5	3.4	12.5	6.6
06	7° 46'.5	7° 47'.8	7° 25'.2	0.6	0.3	6.6	3.5	12.6	6.6
07	7° 46'.7	7° 48'.0	7° 25'.5	0.7	0.4	6.7	3.5	12.7	6.7
08	7° 47'.0	7° 48'.3	7° 25'.7	0.8	0.4	6.8	3.6	12.8	6.7
09	7° 47'.2	7° 48'.5	7° 26'.0	0.9	0.5	6.9	3.6	12.9	6.8
10	7° 47'.5	7° 48'.8	7° 26'.2	1.0	0.5	7.0	3.7	13.0	6.8
11	7° 47'.8	7° 49'.0	7° 26'.4	1.1	0.6	7.1	3.7	13.1	6.9
12	7° 48'.0	7° 49'.3	7° 26'.7	1.2	0.6	7.2	3.8	13.2	6.9
13	7° 48'.2	7° 49'.6	7° 26'.9	1.3	0.7	7.3	3.8	13.3	7.0
14	7° 48'.5	7° 49'.8	7° 27'.2	1.4	0.7	7.4	3.9	13.4	7.0
15	7° 48'.8	7° 50'.1	7° 27'.4	1.5	0.8	7.5	3.9	13.5	7.1
16	7° 49'.0	7° 50'.3	7° 27'.6	1.6	0.8	7.6	4.0	13.6	7.1
17	7° 49'.2	7° 50'.6	7° 27'.9	1.7	0.9	7.7	4.0	13.7	7.2
18	7° 49'.5	7° 50'.8	7° 28'.1	1.8	0.9	7.8	4.1	13.8	7.2
19	7° 49'.7	7° 51'.1	7° 28'.4	1.9	1.0	7.9	4.1	13.9	7.3
20	7° 50'.0	7° 51'.3	7° 28'.6	2.0	1.1	8.0	4.2	14.0	7.4
21	7° 50'.3	7° 51'.6	7° 28'.8	2.1	1.1	8.1	4.3	14.1	7.4
22	7° 50'.5	7° 51'.8	7° 29'.1	2.2	1.2	8.2	4.3	14.2	7.5
23	7° 50'.7	7° 52'.1	7° 29'.3	2.3	1.2	8.3	4.4	14.3	7.5
24	7° 51'.0	7° 52'.3	7° 29'.5	2.4	1.3	8.4	4.4	14.4	7.6
25	7° 51'.3	7° 52'.6	7° 29'.8	2.5	1.3	8.5	4.5	14.5	7.6
26	7° 51'.5	7° 52'.8	7° 30'.0	2.6	1.4	8.6	4.5	14.6	7.7
27	7° 51'.7	7° 53'.1	7° 30'.3	2.7	1.4	8.7	4.6	14.7	7.7
28	7° 52'.0	7° 53'.3	7° 30'.5	2.8	1.5	8.8	4.6	14.8	7.8
29	7° 52'.3	7° 53'.6	7° 30'.7	2.9	1.5	8.9	4.7	14.9	7.8
30	7° 52'.5	7° 53'.8	7° 31'.0	3.0	1.6	9.0	4.7	15.0	7.9
31	7° 52'.8	7° 54'.1	7° 31'.2	3.1	1.6	9.1	4.8	15.1	7.9
32	7° 53'.0	7° 54'.3	7° 31'.5	3.2	1.7	9.2	4.8	15.2	8.0
33	7° 53'.2	7° 54'.6	7° 31'.7	3.3	1.7	9.3	4.9	15.3	8.0
34	7° 53'.5	7° 54'.8	7° 31'.9	3.4	1.8	9.4	4.9	15.4	8.1
35	7° 53'.8	7° 55'.1	7° 32'.2	3.5	1.8	9.5	5.0	15.5	8.1
36	7° 54'.0	7° 55'.3	7° 32'.4	3.6	1.9	9.6	5.0	15.6	8.2
37	7° 54'.2	7° 55'.6	7° 32'.6	3.7	1.9	9.7	5.1	15.7	8.2
38	7° 54'.5	7° 55'.8	7° 32'.9	3.8	2.0	9.8	5.1	15.8	8.3
39	7° 54'.8	7° 56'.1	7° 33'.1	3.9	2.0	9.9	5.2	15.9	8.3
40	7° 55'.0	7° 56'.3	7° 33'.4	4.0	2.1	10.0	5.3	16.0	8.4
41	7° 55'.2	7° 56'.6	7° 33'.6	4.1	2.2	10.1	5.3	16.1	8.5
42	7° 55'.5	7° 56'.8	7° 33'.8	4.2	2.2	10.2	5.4	16.2	8.5
43	7° 55'.7	7° 57'.1	7° 34'.1	4.3	2.3	10.3	5.4	16.3	8.6
44	7° 56'.0	7° 57'.3	7° 34'.3	4.4	2.3	10.4	5.5	16.4	8.6
45	7° 56'.3	7° 57'.6	7° 34'.6	4.5	2.4	10.5	5.5	16.5	8.7
46	7° 56'.5	7° 57'.8	7° 34'.8	4.6	2.4	10.6	5.6	16.6	8.7
47	7° 56'.7	7° 58'.1	7° 35'.0	4.7	2.5	10.7	5.6	16.7	8.8
48	7° 57'.0	7° 58'.3	7° 35'.3	4.8	2.5	10.8	5.7	16.8	8.8
49	7° 57'.3	7° 58'.6	7° 35'.5	4.9	2.6	10.9	5.7	16.9	8.9
50	7° 57'.5	7° 58'.8	7° 35'.7	5.0	2.6	11.0	5.8	17.0	8.9
51	7° 57'.7	7° 59'.1	7° 36'.0	5.1	2.7	11.1	5.8	17.1	9.0
52	7° 58'.0	7° 59'.3	7° 36'.2	5.2	2.7	11.2	5.9	17.2	9.0
53	7° 58'.2	7° 59'.6	7° 36'.5	5.3	2.8	11.3	5.9	17.3	9.1
54	7° 58'.5	7° 59'.8	7° 36'.7	5.4	2.8	11.4	6.0	17.4	9.1
55	7° 58'.8	8° 00'.1	7° 36'.9	5.5	2.9	11.5	6.0	17.5	9.2
56	7° 59'.0	8° 00'.3	7° 37'.2	5.6	2.9	11.6	6.1	17.6	9.2
57	7° 59'.2	8° 00'.6	7° 37'.4	5.7	3.0	11.7	6.1	17.7	9.3
58	7° 59'.5	8° 00'.8	7° 37'.7	5.8	3.0	11.8	6.2	17.8	9.3
59	7° 59'.8	8° 01'.1	7° 37'.9	5.9	3.1	11.9	6.2	17.9	9.4
60	8° 00'.0	8° 01'.3	7° 38'.1	6.0	3.2	12.0	6.3	18.0	9.5

32m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	8° 00'.0	8° 01'.3	7° 38'.1	0.0	0.0	6.0	3.3	12.0	6.5
01	8° 00'.2	8° 01'.6	7° 38'.4	0.1	0.1	6.1	3.3	12.1	6.6
02	8° 00'.5	8° 01'.8	7° 38'.6	0.2	0.1	6.2	3.4	12.2	6.6
03	8° 00'.8	8° 02'.1	7° 38'.8	0.3	0.2	6.3	3.4	12.3	6.7
04	8° 01'.0	8° 02'.3	7° 39'.1	0.4	0.2	6.4	3.5	12.4	6.7
05	8° 01'.3	8° 02'.6	7° 39'.3	0.5	0.3	6.5	3.5	12.5	6.8
06	8° 01'.5	8° 02'.8	7° 39'.6	0.6	0.3	6.6	3.6	12.6	6.8
07	8° 01'.7	8° 03'.1	7° 39'.8	0.7	0.4	6.7	3.6	12.7	6.9
08	8° 02'.0	8° 03'.3	7° 40'.0	0.8	0.4	6.8	3.7	12.8	6.9
09	8° 02'.3	8° 03'.6	7° 40'.3	0.9	0.5	6.9	3.7	12.9	7.0
10	8° 02'.5	8° 03'.8	7° 40'.5	1.0	0.5	7.0	3.8	13.0	7.0
11	8° 02'.7	8° 04'.1	7° 40'.8	1.1	0.6	7.1	3.8	13.1	7.1
12	8° 03'.0	8° 04'.3	7° 41'.0	1.2	0.7	7.2	3.9	13.2	7.2
13	8° 03'.3	8° 04'.6	7° 41'.2	1.3	0.7	7.3	4.0	13.3	7.2
14	8° 03'.5	8° 04'.8	7° 41'.5	1.4	0.8	7.4	4.0	13.4	7.3
15	8° 03'.7	8° 05'.1	7° 41'.7	1.5	0.8	7.5	4.1	13.5	7.3
16	8° 04'.0	8° 05'.3	7° 42'.0	1.6	0.9	7.6	4.1	13.6	7.4
17	8° 04'.2	8° 05'.6	7° 42'.2	1.7	0.9	7.7	4.2	13.7	7.4
18	8° 04'.5	8° 05'.8	7° 42'.4	1.8	1.0	7.8	4.2	13.8	7.5
19	8° 04'.8	8° 06'.1	7° 42'.7	1.9	1.0	7.9	4.3	13.9	7.5
20	8° 05'.0	8° 06'.3	7° 42'.9	2.0	1.1	8.0	4.3	14.0	7.6
21	8° 05'.2	8° 06'.6	7° 43'.1	2.1	1.1	8.1	4.4	14.1	7.6
22	8° 05'.5	8° 06'.8	7° 43'.4	2.2	1.2	8.2	4.4	14.2	7.7
23	8° 05'.8	8° 07'.1	7° 43'.6	2.3	1.2	8.3	4.5	14.3	7.7
24	8° 06'.0	8° 07'.4	7° 43'.9	2.4	1.3	8.4	4.6	14.4	7.8
25	8° 06'.2	8° 07'.6	7° 44'.1	2.5	1.4	8.5	4.6	14.5	7.9
26	8° 06'.5	8° 07'.9	7° 44'.3	2.6	1.4	8.6	4.7	14.6	7.9
27	8° 06'.7	8° 08'.1	7° 44'.6	2.7	1.5	8.7	4.7	14.7	8.0
28	8° 07'.0	8° 08'.4	7° 44'.8	2.8	1.5	8.8	4.8	14.8	8.0
29	8° 07'.3	8° 08'.6	7° 45'.1	2.9	1.6	8.9	4.8	14.9	8.1
30	8° 07'.5	8° 08'.9	7° 45'.3	3.0	1.6	9.0	4.9	15.0	8.1
31	8° 07'.7	8° 09'.1	7° 45'.5	3.1	1.7	9.1	4.9	15.1	8.2
32	8° 08'.0	8° 09'.4	7° 45'.8	3.2	1.7	9.2	5.0	15.2	8.2
33	8° 08'.3	8° 09'.6	7° 46'.0	3.3	1.8	9.3	5.0	15.3	8.3
34	8° 08'.5	8° 09'.9	7° 46'.2	3.4	1.8	9.4	5.1	15.4	8.3
35	8° 08'.7	8° 10'.1	7° 46'.5	3.5	1.9	9.5	5.1	15.5	8.4
36	8° 09'.0	8° 10'.4	7° 46'.7	3.6	2.0	9.6	5.2	15.6	8.5
37	8° 09'.3	8° 10'.6	7° 47'.0	3.7	2.0	9.7	5.3	15.7	8.5
38	8° 09'.5	8° 10'.9	7° 47'.2	3.8	2.1	9.8	5.3	15.8	8.6
39	8° 09'.8	8° 11'.1	7° 47'.4	3.9	2.1	9.9	5.4	15.9	8.6
40	8° 10'.0	8° 11'.4	7° 47'.7	4.0	2.2	10.0	5.4	16.0	8.7
41	8° 10'.2	8° 11'.6	7° 47'.9	4.1	2.2	10.1	5.5	16.1	8.7
42	8° 10'.5	8° 11'.9	7° 48'.2	4.2	2.3	10.2	5.5	16.2	8.8
43	8° 10'.8	8° 12'.1	7° 48'.4	4.3	2.3	10.3	5.6	16.3	8.8
44	8° 11'.0	8° 12'.4	7° 48'.6	4.4	2.4	10.4	5.6	16.4	8.9
45	8° 11'.2	8° 12'.6	7° 48'.9	4.5	2.4	10.5	5.7	16.5	8.9
46	8° 11'.5	8° 12'.9	7° 49'.1	4.6	2.5	10.6	5.7	16.6	9.0
47	8° 11'.8	8° 13'.1	7° 49'.3	4.7	2.5	10.7	5.8	16.7	9.0
48	8° 12'.0	8° 13'.4	7° 49'.6	4.8	2.6	10.8	5.9	16.8	9.1
49	8° 12'.2	8° 13'.6	7° 49'.8	4.9	2.7	10.9	5.9	16.9	9.2
50	8° 12'.5	8° 13'.9	7° 50'.1	5.0	2.7	11.0	6.0	17.0	9.2
51	8° 12'.7	8° 14'.1	7° 50'.3	5.1	2.8	11.1	6.0	17.1	9.3
52	8° 13'.0	8° 14'.4	7° 50'.5	5.2	2.8	11.2	6.1	17.2	9.3
53	8° 13'.3	8° 14'.6	7° 50'.8	5.3	2.9	11.3	6.1	17.3	9.4
54	8° 13'.5	8° 14'.9	7° 51'.0	5.4	2.9	11.4	6.2	17.4	9.4
55	8° 13'.7	8° 15'.1	7° 51'.3	5.5	3.0	11.5	6.2	17.5	9.5
56	8° 14'.0	8° 15'.4	7° 51'.5	5.6	3.0	11.6	6.3	17.6	9.5
57	8° 14'.3	8° 15'.6	7° 51'.7	5.7	3.1	11.7	6.3	17.7	9.6
58	8° 14'.5	8° 15'.9	7° 52'.0	5.8	3.1	11.8	6.4	17.8	9.6
59	8° 14'.7	8° 16'.1	7° 52'.2	5.9	3.2	11.9	6.4	17.9	9.7
60	8° 15'.0	8° 16'.4	7° 52'.4	6.0	3.3	12.0	6.5	18.0	9.8

33m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	8° 15'.0	8° 16'.4	7° 52'.4	0.0	0.0	6.0	3.4	12.0	6.7
01	8° 15'.2	8° 16'.6	7° 52'.7	0.1	0.1	6.1	3.4	12.1	6.8
02	8° 15'.5	8° 16'.9	7° 52'.9	0.2	0.1	6.2	3.5	12.2	6.8
03	8° 15'.8	8° 17'.1	7° 53'.2	0.3	0.2	6.3	3.5	12.3	6.9
04	8° 16'.0	8° 17'.4	7° 53'.4	0.4	0.2	6.4	3.6	12.4	6.9
05	8° 16'.2	8° 17'.6	7° 53'.6	0.5	0.3	6.5	3.6	12.5	7.0
06	8° 16'.5	8° 17'.9	7° 53'.9	0.6	0.3	6.6	3.7	12.6	7.0
07	8° 16'.8	8° 18'.1	7° 54'.1	0.7	0.4	6.7	3.7	12.7	7.1
08	8° 17'.0	8° 18'.4	7° 54'.4	0.8	0.4	6.8	3.8	12.8	7.1
09	8° 17'.2	8° 18'.6	7° 54'.6	0.9	0.5	6.9	3.9	12.9	7.2
10	8° 17'.5	8° 18'.9	7° 54'.8	1.0	0.6	7.0	3.9	13.0	7.3
11	8° 17'.8	8° 19'.1	7° 55'.1	1.1	0.6	7.1	4.0	13.1	7.3
12	8° 18'.0	8° 19'.4	7° 55'.3	1.2	0.7	7.2	4.0	13.2	7.4
13	8° 18'.3	8° 19'.6	7° 55'.6	1.3	0.7	7.3	4.1	13.3	7.4
14	8° 18'.5	8° 19'.9	7° 55'.8	1.4	0.8	7.4	4.1	13.4	7.5
15	8° 18'.7	8° 20'.1	7° 56'.0	1.5	0.8	7.5	4.2	13.5	7.5
16	8° 19'.0	8° 20'.4	7° 56'.3	1.6	0.9	7.6	4.2	13.6	7.6
17	8° 19'.3	8° 20'.6	7° 56'.5	1.7	0.9	7.7	4.3	13.7	7.6
18	8° 19'.5	8° 20'.9	7° 56'.7	1.8	1.0	7.8	4.4	13.8	7.7
19	8° 19'.7	8° 21'.1	7° 57'.0	1.9	1.1	7.9	4.4	13.9	7.8
20	8° 20'.0	8° 21'.4	7° 57'.2	2.0	1.1	8.0	4.5	14.0	7.8
21	8° 20'.3	8° 21'.6	7° 57'.5	2.1	1.2	8.1	4.5	14.1	7.9
22	8° 20'.5	8° 21'.9	7° 57'.7	2.2	1.2	8.2	4.6	14.2	7.9
23	8° 20'.8	8° 22'.1	7° 57'.9	2.3	1.3	8.3	4.6	14.3	8.0
24	8° 21'.0	8° 22'.4	7° 58'.2	2.4	1.3	8.4	4.7	14.4	8.0
25	8° 21'.2	8° 22'.6	7° 58'.4	2.5	1.4	8.5	4.7	14.5	8.1
26	8° 21'.5	8° 22'.9	7° 58'.7	2.6	1.5	8.6	4.8	14.6	8.2
27	8° 21'.8	8° 23'.1	7° 58'.9	2.7	1.5	8.7	4.9	14.7	8.2
28	8° 22'.0	8° 23'.4	7° 59'.1	2.8	1.6	8.8	4.9	14.8	8.3
29	8° 22'.2	8° 23'.6	7° 59'.4	2.9	1.6	8.9	5.0	14.9	8.3
30	8° 22'.5	8° 23'.9	7° 59'.6	3.0	1.7	9.0	5.0	15.0	8.4
31	8° 22'.8	8° 24'.1	7° 59'.8	3.1	1.7	9.1	5.1	15.1	8.4
32	8° 23'.0	8° 24'.4	8° 00'.1	3.2	1.8	9.2	5.1	15.2	8.5
33	8° 23'.2	8° 24'.6	8° 00'.3	3.3	1.8	9.3	5.2	15.3	8.5
34	8° 23'.5	8° 24'.9	8° 00'.6	3.4	1.9	9.4	5.2	15.4	8.6
35	8° 23'.7	8° 25'.1	8° 00'.8	3.5	2.0	9.5	5.3	15.5	8.7
36	8° 24'.0	8° 25'.4	8° 01'.0	3.6	2.0	9.6	5.4	15.6	8.7
37	8° 24'.3	8° 25'.7	8° 01'.3	3.7	2.1	9.7	5.4	15.7	8.8
38	8° 24'.5	8° 25'.9	8° 01'.5	3.8	2.1	9.8	5.5	15.8	8.8
39	8° 24'.7	8° 26'.2	8° 01'.8	3.9	2.2	9.9	5.5	15.9	8.9
40	8° 25'.0	8° 26'.4	8° 02'.0	4.0	2.2	10.0	5.6	16.0	8.9
41	8° 25'.3	8° 26'.7	8° 02'.2	4.1	2.3	10.1	5.6	16.1	9.0
42	8° 25'.5	8° 26'.9	8° 02'.5	4.2	2.3	10.2	5.7	16.2	9.0
43	8° 25'.7	8° 27'.2	8° 02'.7	4.3	2.4	10.3	5.8	16.3	9.1
44	8° 26'.0	8° 27'.4	8° 02'.9	4.4	2.5	10.4	5.8	16.4	9.2
45	8° 26'.3	8° 27'.7	8° 03'.2	4.5	2.5	10.5	5.9	16.5	9.2
46	8° 26'.5	8° 27'.9	8° 03'.4	4.6	2.6	10.6	5.9	16.6	9.3
47	8° 26'.8	8° 28'.2	8° 03'.7	4.7	2.6	10.7	6.0	16.7	9.3
48	8° 27'.0	8° 28'.4	8° 03'.9	4.8	2.7	10.8	6.0	16.8	9.4
49	8° 27'.2	8° 28'.7	8° 04'.1	4.9	2.7	10.9	6.1	16.9	9.4
50	8° 27'.5	8° 28'.9	8° 04'.4	5.0	2.8	11.0	6.1	17.0	9.5
51	8° 27'.8	8° 29'.2	8° 04'.6	5.1	2.8	11.1	6.2	17.1	9.5
52	8° 28'.0	8° 29'.4	8° 04'.9	5.2	2.9	11.2	6.3	17.2	9.6
53	8° 28'.2	8° 29'.7	8° 05'.1	5.3	3.0	11.3	6.3	17.3	9.7
54	8° 28'.5	8° 29'.9	8° 05'.3	5.4	3.0	11.4	6.4	17.4	9.7
55	8° 28'.8	8° 30'.2	8° 05'.6	5.5	3.1	11.5	6.4	17.5	9.8
56	8° 29'.0	8° 30'.4	8° 05'.8	5.6	3.1	11.6	6.5	17.6	9.8
57	8° 29'.3	8° 30'.7	8° 06'.1	5.7	3.2	11.7	6.5	17.7	9.9
58	8° 29'.5	8° 30'.9	8° 06'.3	5.8	3.2	11.8	6.6	17.8	9.9
59	8° 29'.7	8° 31'.2	8° 06'.5	5.9	3.3	11.9	6.6	17.9	10.0
60	8° 30'.0	8° 31'.4	8° 06'.8	6.0	3.4	12.0	6.7	18.0	10.1

34m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	8° 30'.0	8° 31'.4	8° 06'.8	0.0	0.0	6.0	3.5	12.0	6.9
01	8° 30'.3	8° 31'.7	8° 07'.0	0.1	0.1	6.1	3.5	12.1	7.0
02	8° 30'.5	8° 31'.9	8° 07'.2	0.2	0.1	6.2	3.6	12.2	7.0
03	8° 30'.7	8° 32'.2	8° 07'.5	0.3	0.2	6.3	3.6	12.3	7.1
04	8° 31'.0	8° 32'.4	8° 07'.7	0.4	0.2	6.4	3.7	12.4	7.1
05	8° 31'.3	8° 32'.7	8° 08'.0	0.5	0.3	6.5	3.7	12.5	7.2
06	8° 31'.5	8° 32'.9	8° 08'.2	0.6	0.3	6.6	3.8	12.6	7.2
07	8° 31'.7	8° 33'.2	8° 08'.4	0.7	0.4	6.7	3.9	12.7	7.3
08	8° 32'.0	8° 33'.4	8° 08'.7	0.8	0.5	6.8	3.9	12.8	7.4
09	8° 32'.2	8° 33'.7	8° 08'.9	0.9	0.5	6.9	4.0	12.9	7.4
10	8° 32'.5	8° 33'.9	8° 09'.2	1.0	0.6	7.0	4.0	13.0	7.5
11	8° 32'.8	8° 34'.2	8° 09'.4	1.1	0.6	7.1	4.1	13.1	7.5
12	8° 33'.0	8° 34'.4	8° 09'.6	1.2	0.7	7.2	4.1	13.2	7.6
13	8° 33'.2	8° 34'.7	8° 09'.9	1.3	0.7	7.3	4.2	13.3	7.6
14	8° 33'.5	8° 34'.9	8° 10'.1	1.4	0.8	7.4	4.3	13.4	7.7
15	8° 33'.8	8° 35'.2	8° 10'.3	1.5	0.9	7.5	4.3	13.5	7.8
16	8° 34'.0	8° 35'.4	8° 10'.6	1.6	0.9	7.6	4.4	13.6	7.8
17	8° 34'.2	8° 35'.7	8° 10'.8	1.7	1.0	7.7	4.4	13.7	7.9
18	8° 34'.5	8° 35'.9	8° 11'.1	1.8	1.0	7.8	4.5	13.8	7.9
19	8° 34'.8	8° 36'.2	8° 11'.3	1.9	1.1	7.9	4.5	13.9	8.0
20	8° 35'.0	8° 36'.4	8° 11'.5	2.0	1.2	8.0	4.6	14.0	8.1
21	8° 35'.3	8° 36'.7	8° 11'.8	2.1	1.2	8.1	4.7	14.1	8.1
22	8° 35'.5	8° 36'.9	8° 12'.0	2.2	1.3	8.2	4.7	14.2	8.2
23	8° 35'.7	8° 37'.2	8° 12'.3	2.3	1.3	8.3	4.8	14.3	8.2
24	8° 36'.0	8° 37'.4	8° 12'.5	2.4	1.4	8.4	4.8	14.4	8.3
25	8° 36'.3	8° 37'.7	8° 12'.7	2.5	1.4	8.5	4.9	14.5	8.3
26	8° 36'.5	8° 37'.9	8° 13'.0	2.6	1.5	8.6	4.9	14.6	8.4
27	8° 36'.7	8° 38'.2	8° 13'.2	2.7	1.6	8.7	5.0	14.7	8.5
28	8° 37'.0	8° 38'.4	8° 13'.4	2.8	1.6	8.8	5.1	14.8	8.5
29	8° 37'.3	8° 38'.7	8° 13'.7	2.9	1.7	8.9	5.1	14.9	8.6
30	8° 37'.5	8° 38'.9	8° 13'.9	3.0	1.7	9.0	5.2	15.0	8.6
31	8° 37'.8	8° 39'.2	8° 14'.2	3.1	1.8	9.1	5.2	15.1	8.7
32	8° 38'.0	8° 39'.4	8° 14'.4	3.2	1.8	9.2	5.3	15.2	8.7
33	8° 38'.2	8° 39'.7	8° 14'.6	3.3	1.9	9.3	5.3	15.3	8.8
34	8° 38'.5	8° 39'.9	8° 14'.9	3.4	2.0	9.4	5.4	15.4	8.9
35	8° 38'.8	8° 40'.2	8° 15'.1	3.5	2.0	9.5	5.5	15.5	8.9
36	8° 39'.0	8° 40'.4	8° 15'.4	3.6	2.1	9.6	5.5	15.6	9.0
37	8° 39'.2	8° 40'.7	8° 15'.6	3.7	2.1	9.7	5.6	15.7	9.0
38	8° 39'.5	8° 40'.9	8° 15'.8	3.8	2.2	9.8	5.6	15.8	9.1
39	8° 39'.8	8° 41'.2	8° 16'.1	3.9	2.2	9.9	5.7	15.9	9.1
40	8° 40'.0	8° 41'.4	8° 16'.3	4.0	2.3	10.0	5.8	16.0	9.2
41	8° 40'.2	8° 41'.7	8° 16'.5	4.1	2.4	10.1	5.8	16.1	9.3
42	8° 40'.5	8° 41'.9	8° 16'.8	4.2	2.4	10.2	5.9	16.2	9.3
43	8° 40'.7	8° 42'.2	8° 17'.0	4.3	2.5	10.3	5.9	16.3	9.4
44	8° 41'.0	8° 42'.4	8° 17'.3	4.4	2.5	10.4	6.0	16.4	9.4
45	8° 41'.3	8° 42'.7	8° 17'.5	4.5	2.6	10.5	6.0	16.5	9.5
46	8° 41'.5	8° 42'.9	8° 17'.7	4.6	2.6	10.6	6.1	16.6	9.5
47	8° 41'.7	8° 43'.2	8° 18'.0	4.7	2.7	10.7	6.2	16.7	9.6
48	8° 42'.0	8° 43'.4	8° 18'.2	4.8	2.8	10.8	6.2	16.8	9.7
49	8° 42'.3	8° 43'.7	8° 18'.5	4.9	2.8	10.9	6.3	16.9	9.7
50	8° 42'.5	8° 44'.0	8° 18'.7	5.0	2.9	11.0	6.3	17.0	9.8
51	8° 42'.7	8° 44'.2	8° 18'.9	5.1	2.9	11.1	6.4	17.1	9.8
52	8° 43'.0	8° 44'.5	8° 19'.2	5.2	3.0	11.2	6.4	17.2	9.9
53	8° 43'.3	8° 44'.7	8° 19'.4	5.3	3.0	11.3	6.5	17.3	9.9
54	8° 43'.5	8° 45'.0	8° 19'.7	5.4	3.1	11.4	6.6	17.4	10.0
55	8° 43'.8	8° 45'.2	8° 19'.9	5.5	3.2	11.5	6.6	17.5	10.1
56	8° 44'.0	8° 45'.5	8° 20'.1	5.6	3.2	11.6	6.7	17.6	10.1
57	8° 44'.2	8° 45'.7	8° 20'.4	5.7	3.3	11.7	6.7	17.7	10.2
58	8° 44'.5	8° 46'.0	8° 20'.6	5.8	3.3	11.8	6.8	17.8	10.2
59	8° 44'.8	8° 46'.2	8° 20'.8	5.9	3.4	11.9	6.8	17.9	10.3
60	8° 45'.0	8° 46'.5	8° 21'.1	6.0	3.5	12.0	6.9	18.0	10.4

35m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	8° 45'.0	8° 46'.5	8° 21'.1	0.0	0.0	6.0	3.6	12.0	7.1
01	8° 45'.2	8° 46'.7	8° 21'.3	0.1	0.1	6.1	3.6	12.1	7.2
02	8° 45'.5	8° 47'.0	8° 21'.6	0.2	0.1	6.2	3.7	12.2	7.2
03	8° 45'.8	8° 47'.2	8° 21'.8	0.3	0.2	6.3	3.7	12.3	7.3
04	8° 46'.0	8° 47'.5	8° 22'.0	0.4	0.2	6.4	3.8	12.4	7.3
05	8° 46'.3	8° 47'.7	8° 22'.3	0.5	0.3	6.5	3.8	12.5	7.4
06	8° 46'.5	8° 48'.0	8° 22'.5	0.6	0.4	6.6	3.9	12.6	7.5
07	8° 46'.7	8° 48'.2	8° 22'.8	0.7	0.4	6.7	4.0	12.7	7.5
08	8° 47'.0	8° 48'.5	8° 23'.0	0.8	0.5	6.8	4.0	12.8	7.6
09	8° 47'.3	8° 48'.7	8° 23'.2	0.9	0.5	6.9	4.1	12.9	7.6
10	8° 47'.5	8° 49'.0	8° 23'.5	1.0	0.6	7.0	4.1	13.0	7.7
11	8° 47'.7	8° 49'.2	8° 23'.7	1.1	0.7	7.1	4.2	13.1	7.8
12	8° 48'.0	8° 49'.5	8° 23'.9	1.2	0.7	7.2	4.3	13.2	7.8
13	8° 48'.3	8° 49'.7	8° 24'.2	1.3	0.8	7.3	4.3	13.3	7.9
14	8° 48'.5	8° 50'.0	8° 24'.4	1.4	0.8	7.4	4.4	13.4	7.9
15	8° 48'.7	8° 50'.2	8° 24'.7	1.5	0.9	7.5	4.4	13.5	8.0
16	8° 49'.0	8° 50'.5	8° 24'.9	1.6	0.9	7.6	4.5	13.6	8.0
17	8° 49'.2	8° 50'.7	8° 25'.1	1.7	1.0	7.7	4.6	13.7	8.1
18	8° 49'.5	8° 51'.0	8° 25'.4	1.8	1.1	7.8	4.6	13.8	8.2
19	8° 49'.8	8° 51'.2	8° 25'.6	1.9	1.1	7.9	4.7	13.9	8.2
20	8° 50'.0	8° 51'.5	8° 25'.9	2.0	1.2	8.0	4.7	14.0	8.3
21	8° 50'.2	8° 51'.7	8° 26'.1	2.1	1.2	8.1	4.8	14.1	8.3
22	8° 50'.5	8° 52'.0	8° 26'.3	2.2	1.3	8.2	4.9	14.2	8.4
23	8° 50'.8	8° 52'.2	8° 26'.6	2.3	1.4	8.3	4.9	14.3	8.5
24	8° 51'.0	8° 52'.5	8° 26'.8	2.4	1.4	8.4	5.0	14.4	8.5
25	8° 51'.2	8° 52'.7	8° 27'.0	2.5	1.5	8.5	5.0	14.5	8.6
26	8° 51'.5	8° 53'.0	8° 27'.3	2.6	1.5	8.6	5.1	14.6	8.6
27	8° 51'.8	8° 53'.2	8° 27'.5	2.7	1.6	8.7	5.1	14.7	8.7
28	8° 52'.0	8° 53'.5	8° 27'.8	2.8	1.7	8.8	5.2	14.8	8.8
29	8° 52'.3	8° 53'.7	8° 28'.0	2.9	1.7	8.9	5.3	14.9	8.8
30	8° 52'.5	8° 54'.0	8° 28'.2	3.0	1.8	9.0	5.3	15.0	8.9
31	8° 52'.7	8° 54'.2	8° 28'.5	3.1	1.8	9.1	5.4	15.1	8.9
32	8° 53'.0	8° 54'.5	8° 28'.7	3.2	1.9	9.2	5.4	15.2	9.0
33	8° 53'.3	8° 54'.7	8° 29'.0	3.3	2.0	9.3	5.5	15.3	9.1
34	8° 53'.5	8° 55'.0	8° 29'.2	3.4	2.0	9.4	5.6	15.4	9.1
35	8° 53'.7	8° 55'.2	8° 29'.4	3.5	2.1	9.5	5.6	15.5	9.2
36	8° 54'.0	8° 55'.5	8° 29'.7	3.6	2.1	9.6	5.7	15.6	9.2
37	8° 54'.3	8° 55'.7	8° 29'.9	3.7	2.2	9.7	5.7	15.7	9.3
38	8° 54'.5	8° 56'.0	8° 30'.2	3.8	2.2	9.8	5.8	15.8	9.3
39	8° 54'.8	8° 56'.2	8° 30'.4	3.9	2.3	9.9	5.9	15.9	9.4
40	8° 55'.0	8° 56'.5	8° 30'.6	4.0	2.4	10.0	5.9	16.0	9.5
41	8° 55'.2	8° 56'.7	8° 30'.9	4.1	2.4	10.1	6.0	16.1	9.5
42	8° 55'.5	8° 57'.0	8° 31'.1	4.2	2.5	10.2	6.0	16.2	9.6
43	8° 55'.8	8° 57'.2	8° 31'.3	4.3	2.5	10.3	6.1	16.3	9.6
44	8° 56'.0	8° 57'.5	8° 31'.6	4.4	2.6	10.4	6.2	16.4	9.7
45	8° 56'.2	8° 57'.7	8° 31'.8	4.5	2.7	10.5	6.2	16.5	9.8
46	8° 56'.5	8° 58'.0	8° 32'.1	4.6	2.7	10.6	6.3	16.6	9.8
47	8° 56'.8	8° 58'.2	8° 32'.3	4.7	2.8	10.7	6.3	16.7	9.9
48	8° 57'.0	8° 58'.5	8° 32'.5	4.8	2.8	10.8	6.4	16.8	9.9
49	8° 57'.2	8° 58'.7	8° 32'.8	4.9	2.9	10.9	6.4	16.9	10.0
50	8° 57'.5	8° 59'.0	8° 33'.0	5.0	3.0	11.0	6.5	17.0	10.1
51	8° 57'.7	8° 59'.2	8° 33'.3	5.1	3.0	11.1	6.6	17.1	10.1
52	8° 58'.0	8° 59'.5	8° 33'.5	5.2	3.1	11.2	6.6	17.2	10.2
53	8° 58'.3	8° 59'.7	8° 33'.7	5.3	3.1	11.3	6.7	17.3	10.2
54	8° 58'.5	9° 00'.0	8° 34'.0	5.4	3.2	11.4	6.7	17.4	10.3
55	8° 58'.7	9° 00'.2	8° 34'.2	5.5	3.3	11.5	6.8	17.5	10.4
56	8° 59'.0	9° 00'.5	8° 34'.4	5.6	3.3	11.6	6.9	17.6	10.4
57	8° 59'.3	9° 00'.7	8° 34'.7	5.7	3.4	11.7	6.9	17.7	10.5
58	8° 59'.5	9° 01'.0	8° 34'.9	5.8	3.4	11.8	7.0	17.8	10.5
59	8° 59'.7	9° 01'.2	8° 35'.2	5.9	3.5	11.9	7.0	17.9	10.6
60	9° 00'.0	9° 01'.5	8° 35'.4	6.0	3.6	12.0	7.1	18.0	10.7

36^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	9° 00'.0	9° 01'.5	8° 35'.4	0.0	0.0	6.0	3.7	12.0	7.3
01	9° 00'.2	9° 01'.8	8° 35'.6	0.1	0.1	6.1	3.7	12.1	7.4
02	9° 00'.5	9° 02'.0	8° 35'.9	0.2	0.1	6.2	3.8	12.2	7.4
03	9° 00'.8	9° 02'.3	8° 36'.1	0.3	0.2	6.3	3.8	12.3	7.5
04	9° 01'.0	9° 02'.5	8° 36'.4	0.4	0.2	6.4	3.9	12.4	7.5
05	9° 01'.2	9° 02'.8	8° 36'.6	0.5	0.3	6.5	4.0	12.5	7.6
06	9° 01'.5	9° 03'.0	8° 36'.8	0.6	0.4	6.6	4.0	12.6	7.7
07	9° 01'.8	9° 03'.3	8° 37'.1	0.7	0.4	6.7	4.1	12.7	7.7
08	9° 02'.0	9° 03'.5	8° 37'.3	0.8	0.5	6.8	4.1	12.8	7.8
09	9° 02'.2	9° 03'.8	8° 37'.5	0.9	0.5	6.9	4.2	12.9	7.8
10	9° 02'.5	9° 04'.0	8° 37'.8	1.0	0.6	7.0	4.3	13.0	7.9
11	9° 02'.8	9° 04'.3	8° 38'.0	1.1	0.7	7.1	4.3	13.1	8.0
12	9° 03'.0	9° 04'.5	8° 38'.3	1.2	0.7	7.2	4.4	13.2	8.0
13	9° 03'.3	9° 04'.8	8° 38'.5	1.3	0.8	7.3	4.4	13.3	8.1
14	9° 03'.5	9° 05'.0	8° 38'.7	1.4	0.9	7.4	4.5	13.4	8.2
15	9° 03'.7	9° 05'.3	8° 39'.0	1.5	0.9	7.5	4.6	13.5	8.2
16	9° 04'.0	9° 05'.5	8° 39'.2	1.6	1.0	7.6	4.6	13.6	8.3
17	9° 04'.3	9° 05'.8	8° 39'.5	1.7	1.0	7.7	4.7	13.7	8.3
18	9° 04'.5	9° 06'.0	8° 39'.7	1.8	1.1	7.8	4.7	13.8	8.4
19	9° 04'.7	9° 06'.3	8° 39'.9	1.9	1.2	7.9	4.8	13.9	8.5
20	9° 05'.0	9° 06'.5	8° 40'.2	2.0	1.2	8.0	4.9	14.0	8.5
21	9° 05'.3	9° 06'.8	8° 40'.4	2.1	1.3	8.1	4.9	14.1	8.6
22	9° 05'.5	9° 07'.0	8° 40'.6	2.2	1.3	8.2	5.0	14.2	8.6
23	9° 05'.7	9° 07'.3	8° 40'.9	2.3	1.4	8.3	5.0	14.3	8.7
24	9° 06'.0	9° 07'.5	8° 41'.1	2.4	1.5	8.4	5.1	14.4	8.8
25	9° 06'.2	9° 07'.8	8° 41'.4	2.5	1.5	8.5	5.2	14.5	8.8
26	9° 06'.5	9° 08'.0	8° 41'.6	2.6	1.6	8.6	5.2	14.6	8.9
27	9° 06'.8	9° 08'.3	8° 41'.8	2.7	1.6	8.7	5.3	14.7	8.9
28	9° 07'.0	9° 08'.5	8° 42'.1	2.8	1.7	8.8	5.4	14.8	9.0
29	9° 07'.2	9° 08'.8	8° 42'.3	2.9	1.8	8.9	5.4	14.9	9.1
30	9° 07'.5	9° 09'.0	8° 42'.6	3.0	1.8	9.0	5.5	15.0	9.1
31	9° 07'.8	9° 09'.3	8° 42'.8	3.1	1.9	9.1	5.5	15.1	9.2
32	9° 08'.0	9° 09'.5	8° 43'.0	3.2	1.9	9.2	5.6	15.2	9.2
33	9° 08'.2	9° 09'.8	8° 43'.3	3.3	2.0	9.3	5.7	15.3	9.3
34	9° 08'.5	9° 10'.0	8° 43'.5	3.4	2.1	9.4	5.7	15.4	9.4
35	9° 08'.7	9° 10'.3	8° 43'.8	3.5	2.1	9.5	5.8	15.5	9.4
36	9° 09'.0	9° 10'.5	8° 44'.0	3.6	2.2	9.6	5.8	15.6	9.5
37	9° 09'.3	9° 10'.8	8° 44'.2	3.7	2.3	9.7	5.9	15.7	9.6
38	9° 09'.5	9° 11'.0	8° 44'.5	3.8	2.3	9.8	6.0	15.8	9.6
39	9° 09'.7	9° 11'.3	8° 44'.7	3.9	2.4	9.9	6.0	15.9	9.7
40	9° 10'.0	9° 11'.5	8° 44'.9	4.0	2.4	10.0	6.1	16.0	9.7
41	9° 10'.3	9° 11'.8	8° 45'.2	4.1	2.5	10.1	6.1	16.1	9.8
42	9° 10'.5	9° 12'.0	8° 45'.4	4.2	2.6	10.2	6.2	16.2	9.9
43	9° 10'.7	9° 12'.3	8° 45'.7	4.3	2.6	10.3	6.3	16.3	9.9
44	9° 11'.0	9° 12'.5	8° 45'.9	4.4	2.7	10.4	6.3	16.4	10.0
45	9° 11'.3	9° 12'.8	8° 46'.1	4.5	2.7	10.5	6.4	16.5	10.0
46	9° 11'.5	9° 13'.0	8° 46'.4	4.6	2.8	10.6	6.4	16.6	10.1
47	9° 11'.8	9° 13'.3	8° 46'.6	4.7	2.9	10.7	6.5	16.7	10.2
48	9° 12'.0	9° 13'.5	8° 46'.9	4.8	2.9	10.8	6.6	16.8	10.2
49	9° 12'.2	9° 13'.8	8° 47'.1	4.9	3.0	10.9	6.6	16.9	10.3
50	9° 12'.5	9° 14'.0	8° 47'.3	5.0	3.0	11.0	6.7	17.0	10.3
51	9° 12'.8	9° 14'.3	8° 47'.6	5.1	3.1	11.1	6.8	17.1	10.4
52	9° 13'.0	9° 14'.5	8° 47'.8	5.2	3.2	11.2	6.8	17.2	10.5
53	9° 13'.2	9° 14'.8	8° 48'.0	5.3	3.2	11.3	6.9	17.3	10.5
54	9° 13'.5	9° 15'.0	8° 48'.3	5.4	3.3	11.4	6.9	17.4	10.6
55	9° 13'.8	9° 15'.3	8° 48'.5	5.5	3.3	11.5	7.0	17.5	10.6
56	9° 14'.0	9° 15'.5	8° 48'.8	5.6	3.4	11.6	7.1	17.6	10.7
57	9° 14'.2	9° 15'.8	8° 49'.0	5.7	3.5	11.7	7.1	17.7	10.8
58	9° 14'.5	9° 16'.0	8° 49'.2	5.8	3.5	11.8	7.2	17.8	10.8
59	9° 14'.7	9° 16'.3	8° 49'.5	5.9	3.6	11.9	7.2	17.9	10.9
60	9° 15'.0	9° 16'.5	8° 49'.7	6.0	3.7	12.0	7.3	18.0	11.0

37^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	9° 15'.0	9° 16'.5	8° 49'.7	0.0	0.0	6.0	3.8	12.0	7.5
01	9° 15'.3	9° 16'.8	8° 50'.0	0.1	0.1	6.1	3.8	12.1	7.6
02	9° 15'.5	9° 17'.0	8° 50'.2	0.2	0.1	6.2	3.9	12.2	7.6
03	9° 15'.7	9° 17'.3	8° 50'.4	0.3	0.2	6.3	3.9	12.3	7.7
04	9° 16'.0	9° 17'.5	8° 50'.7	0.4	0.3	6.4	4.0	12.4	7.8
05	9° 16'.3	9° 17'.8	8° 50'.9	0.5	0.3	6.5	4.1	12.5	7.8
06	9° 16'.5	9° 18'.0	8° 51'.1	0.6	0.4	6.6	4.1	12.6	7.9
07	9° 16'.7	9° 18'.3	8° 51'.4	0.7	0.4	6.7	4.2	12.7	7.9
08	9° 17'.0	9° 18'.5	8° 51'.6	0.8	0.5	6.8	4.3	12.8	8.0
09	9° 17'.2	9° 18'.8	8° 51'.9	0.9	0.6	6.9	4.3	12.9	8.1
10	9° 17'.5	9° 19'.0	8° 52'.1	1.0	0.6	7.0	4.4	13.0	8.1
11	9° 17'.8	9° 19'.3	8° 52'.3	1.1	0.7	7.1	4.4	13.1	8.2
12	9° 18'.0	9° 19'.6	8° 52'.6	1.2	0.8	7.2	4.5	13.2	8.3
13	9° 18'.2	9° 19'.8	8° 52'.8	1.3	0.8	7.3	4.6	13.3	8.3
14	9° 18'.5	9° 20'.1	8° 53'.1	1.4	0.9	7.4	4.6	13.4	8.4
15	9° 18'.8	9° 20'.3	8° 53'.3	1.5	0.9	7.5	4.7	13.5	8.4
16	9° 19'.0	9° 20'.6	8° 53'.5	1.6	1.0	7.6	4.8	13.6	8.5
17	9° 19'.2	9° 20'.8	8° 53'.8	1.7	1.1	7.7	4.8	13.7	8.6
18	9° 19'.5	9° 21'.1	8° 54'.0	1.8	1.1	7.8	4.9	13.8	8.6
19	9° 19'.8	9° 21'.3	8° 54'.3	1.9	1.2	7.9	4.9	13.9	8.7
20	9° 20'.0	9° 21'.6	8° 54'.5	2.0	1.3	8.0	5.0	14.0	8.8
21	9° 20'.3	9° 21'.8	8° 54'.7	2.1	1.3	8.1	5.1	14.1	8.8
22	9° 20'.5	9° 22'.1	8° 55'.0	2.2	1.4	8.2	5.1	14.2	8.9
23	9° 20'.7	9° 22'.3	8° 55'.2	2.3	1.4	8.3	5.2	14.3	8.9
24	9° 21'.0	9° 22'.6	8° 55'.4	2.4	1.5	8.4	5.3	14.4	9.0
25	9° 21'.3	9° 22'.8	8° 55'.7	2.5	1.6	8.5	5.3	14.5	9.1
26	9° 21'.5	9° 23'.1	8° 55'.9	2.6	1.6	8.6	5.4	14.6	9.1
27	9° 21'.7	9° 23'.3	8° 56'.2	2.7	1.7	8.7	5.4	14.7	9.2
28	9° 22'.0	9° 23'.6	8° 56'.4	2.8	1.8	8.8	5.5	14.8	9.3
29	9° 22'.3	9° 23'.8	8° 56'.6	2.9	1.8	8.9	5.6	14.9	9.3
30	9° 22'.5	9° 24'.1	8° 56'.9	3.0	1.9	9.0	5.6	15.0	9.4
31	9° 22'.7	9° 24'.3	8° 57'.1	3.1	1.9	9.1	5.7	15.1	9.4
32	9° 23'.0	9° 24'.6	8° 57'.4	3.2	2.0	9.2	5.8	15.2	9.5
33	9° 23'.2	9° 24'.8	8° 57'.6	3.3	2.1	9.3	5.8	15.3	9.6
34	9° 23'.5	9° 25'.1	8° 57'.8	3.4	2.1	9.4	5.9	15.4	9.6
35	9° 23'.8	9° 25'.3	8° 58'.1	3.5	2.2	9.5	5.9	15.5	9.7
36	9° 24'.0	9° 25'.6	8° 58'.3	3.6	2.3	9.6	6.0	15.6	9.8
37	9° 24'.2	9° 25'.8	8° 58'.5	3.7	2.3	9.7	6.1	15.7	9.8
38	9° 24'.5	9° 26'.1	8° 58'.8	3.8	2.4	9.8	6.1	15.8	9.9
39	9° 24'.8	9° 26'.3	8° 59'.0	3.9	2.4	9.9	6.2	15.9	9.9
40	9° 25'.0	9° 26'.6	8° 59'.3	4.0	2.5	10.0	6.3	16.0	10.0
41	9° 25'.2	9° 26'.8	8° 59'.5	4.1	2.6	10.1	6.3	16.1	10.1
42	9° 25'.5	9° 27'.1	8° 59'.7	4.2	2.6	10.2	6.4	16.2	10.1
43	9° 25'.7	9° 27'.3	9° 00'.0	4.3	2.7	10.3	6.4	16.3	10.2
44	9° 26'.0	9° 27'.6	9° 00'.2	4.4	2.8	10.4	6.5	16.4	10.3
45	9° 26'.3	9° 27'.8	9° 00'.5	4.5	2.8	10.5	6.6	16.5	10.3
46	9° 26'.5	9° 28'.1	9° 00'.7	4.6	2.9	10.6	6.6	16.6	10.4
47	9° 26'.7	9° 28'.3	9° 00'.9	4.7	2.9	10.7	6.7	16.7	10.4
48	9° 27'.0	9° 28'.6	9° 01'.2	4.8	3.0	10.8	6.8	16.8	10.5
49	9° 27'.3	9° 28'.8	9° 01'.4	4.9	3.1	10.9	6.8	16.9	10.6
50	9° 27'.5	9° 29'.1	9° 01'.6	5.0	3.1	11.0	6.9	17.0	10.6
51	9° 27'.7	9° 29'.3	9° 01'.9	5.1	3.2	11.1	6.9	17.1	10.7
52	9° 28'.0	9° 29'.6	9° 02'.1	5.2	3.3	11.2	7.0	17.2	10.8
53	9° 28'.3	9° 29'.8	9° 02'.4	5.3	3.3	11.3	7.1	17.3	10.8
54	9° 28'.5	9° 30'.1	9° 02'.6	5.4	3.4	11.4	7.1	17.4	10.9
55	9° 28'.8	9° 30'.3	9° 02'.8	5.5	3.4	11.5	7.2	17.5	10.9
56	9° 29'.0	9° 30'.6	9° 03'.1	5.6	3.5	11.6	7.3	17.6	11.0
57	9° 29'.2	9° 30'.8	9° 03'.3	5.7	3.6	11.7	7.3	17.7	11.1
58	9° 29'.5	9° 31'.1	9° 03'.6	5.8	3.6	11.8	7.4	17.8	11.1
59	9° 29'.8	9° 31'.3	9° 03'.8	5.9	3.7	11.9	7.4	17.9	11.2
60	9° 30'.0	9° 31'.6	9° 04'.0	6.0	3.8	12.0	7.5	18.0	11.3

INCREMENTS AND CORRECTIONS

38^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	9° 30'.0	9° 31'.6	9° 04'.0	0.0	0.0	6.0	3.9	12.0	7.7
01	9° 30'.2	9° 31'.8	9° 04'.3	0.1	0.1	6.1	3.9	12.1	7.8
02	9° 30'.5	9° 32'.1	9° 04'.5	0.2	0.1	6.2	4.0	12.2	7.8
03	9° 30'.8	9° 32'.3	9° 04'.7	0.3	0.2	6.3	4.0	12.3	7.9
04	9° 31'.0	9° 32'.6	9° 05'.0	0.4	0.3	6.4	4.1	12.4	8.0
05	9° 31'.2	9° 32'.8	9° 05'.2	0.5	0.3	6.5	4.2	12.5	8.0
06	9° 31'.5	9° 33'.1	9° 05'.5	0.6	0.4	6.6	4.2	12.6	8.1
07	9° 31'.7	9° 33'.3	9° 05'.7	0.7	0.4	6.7	4.3	12.7	8.1
08	9° 32'.0	9° 33'.6	9° 05'.9	0.8	0.5	6.8	4.4	12.8	8.2
09	9° 32'.3	9° 33'.8	9° 06'.2	0.9	0.6	6.9	4.4	12.9	8.3
10	9° 32'.5	9° 34'.1	9° 06'.4	1.0	0.6	7.0	4.5	13.0	8.3
11	9° 32'.7	9° 34'.3	9° 06'.7	1.1	0.7	7.1	4.6	13.1	8.4
12	9° 33'.0	9° 34'.6	9° 06'.9	1.2	0.8	7.2	4.6	13.2	8.5
13	9° 33'.3	9° 34'.8	9° 07'.1	1.3	0.8	7.3	4.7	13.3	8.5
14	9° 33'.5	9° 35'.1	9° 07'.4	1.4	0.9	7.4	4.7	13.4	8.6
15	9° 33'.7	9° 35'.3	9° 07'.6	1.5	1.0	7.5	4.8	13.5	8.7
16	9° 34'.0	9° 35'.6	9° 07'.9	1.6	1.0	7.6	4.9	13.6	8.7
17	9° 34'.2	9° 35'.8	9° 08'.1	1.7	1.1	7.7	4.9	13.7	8.8
18	9° 34'.5	9° 36'.1	9° 08'.3	1.8	1.2	7.8	5.0	13.8	8.9
19	9° 34'.8	9° 36'.3	9° 08'.6	1.9	1.2	7.9	5.1	13.9	8.9
20	9° 35'.0	9° 36'.6	9° 08'.8	2.0	1.3	8.0	5.1	14.0	9.0
21	9° 35'.2	9° 36'.8	9° 09'.0	2.1	1.3	8.1	5.2	14.1	9.0
22	9° 35'.5	9° 37'.1	9° 09'.3	2.2	1.4	8.2	5.3	14.2	9.1
23	9° 35'.8	9° 37'.3	9° 09'.5	2.3	1.5	8.3	5.3	14.3	9.2
24	9° 36'.0	9° 37'.6	9° 09'.8	2.4	1.5	8.4	5.4	14.4	9.2
25	9° 36'.2	9° 37'.9	9° 10'.0	2.5	1.6	8.5	5.5	14.5	9.3
26	9° 36'.5	9° 38'.1	9° 10'.2	2.6	1.7	8.6	5.5	14.6	9.4
27	9° 36'.8	9° 38'.4	9° 10'.5	2.7	1.7	8.7	5.6	14.7	9.4
28	9° 37'.0	9° 38'.6	9° 10'.7	2.8	1.8	8.8	5.6	14.8	9.5
29	9° 37'.3	9° 38'.9	9° 11'.0	2.9	1.9	8.9	5.7	14.9	9.6
30	9° 37'.5	9° 39'.1	9° 11'.2	3.0	1.9	9.0	5.8	15.0	9.6
31	9° 37'.7	9° 39'.4	9° 11'.4	3.1	2.0	9.1	5.8	15.1	9.7
32	9° 38'.0	9° 39'.6	9° 11'.7	3.2	2.1	9.2	5.9	15.2	9.8
33	9° 38'.3	9° 39'.9	9° 11'.9	3.3	2.1	9.3	6.0	15.3	9.8
34	9° 38'.5	9° 40'.1	9° 12'.1	3.4	2.2	9.4	6.0	15.4	9.9
35	9° 38'.7	9° 40'.4	9° 12'.4	3.5	2.2	9.5	6.1	15.5	9.9
36	9° 39'.0	9° 40'.6	9° 12'.6	3.6	2.3	9.6	6.2	15.6	10.0
37	9° 39'.3	9° 40'.9	9° 12'.9	3.7	2.4	9.7	6.2	15.7	10.1
38	9° 39'.5	9° 41'.1	9° 13'.1	3.8	2.4	9.8	6.3	15.8	10.1
39	9° 39'.8	9° 41'.4	9° 13'.3	3.9	2.5	9.9	6.4	15.9	10.2
40	9° 40'.0	9° 41'.6	9° 13'.6	4.0	2.6	10.0	6.4	16.0	10.3
41	9° 40'.2	9° 41'.9	9° 13'.8	4.1	2.6	10.1	6.5	16.1	10.3
42	9° 40'.5	9° 42'.1	9° 14'.1	4.2	2.7	10.2	6.5	16.2	10.4
43	9° 40'.8	9° 42'.4	9° 14'.3	4.3	2.8	10.3	6.6	16.3	10.5
44	9° 41'.0	9° 42'.6	9° 14'.5	4.4	2.8	10.4	6.7	16.4	10.5
45	9° 41'.2	9° 42'.9	9° 14'.8	4.5	2.9	10.5	6.7	16.5	10.6
46	9° 41'.5	9° 43'.1	9° 15'.0	4.6	3.0	10.6	6.8	16.6	10.7
47	9° 41'.8	9° 43'.4	9° 15'.2	4.7	3.0	10.7	6.9	16.7	10.7
48	9° 42'.0	9° 43'.6	9° 15'.5	4.8	3.1	10.8	6.9	16.8	10.8
49	9° 42'.2	9° 43'.9	9° 15'.7	4.9	3.1	10.9	7.0	16.9	10.8
50	9° 42'.5	9° 44'.1	9° 16'.0	5.0	3.2	11.0	7.1	17.0	10.9
51	9° 42'.7	9° 44'.4	9° 16'.2	5.1	3.3	11.1	7.1	17.1	11.0
52	9° 43'.0	9° 44'.6	9° 16'.4	5.2	3.3	11.2	7.2	17.2	11.0
53	9° 43'.3	9° 44'.9	9° 16'.7	5.3	3.4	11.3	7.3	17.3	11.1
54	9° 43'.5	9° 45'.1	9° 16'.9	5.4	3.5	11.4	7.3	17.4	11.2
55	9° 43'.7	9° 45'.4	9° 17'.2	5.5	3.5	11.5	7.4	17.5	11.2
56	9° 44'.0	9° 45'.6	9° 17'.4	5.6	3.6	11.6	7.4	17.6	11.3
57	9° 44'.3	9° 45'.9	9° 17'.6	5.7	3.7	11.7	7.5	17.7	11.4
58	9° 44'.5	9° 46'.1	9° 17'.9	5.8	3.7	11.8	7.6	17.8	11.4
59	9° 44'.7	9° 46'.4	9° 18'.1	5.9	3.8	11.9	7.6	17.9	11.5
60	9° 45'.0	9° 46'.6	9° 18'.3	6.0	3.9	12.0	7.7	18.0	11.6

39^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	9° 45'.0	9° 46'.6	9° 18'.3	0.0	0.0	6.0	4.0	12.0	7.9
01	9° 45'.3	9° 46'.9	9° 18'.6	0.1	0.1	6.1	4.0	12.1	8.0
02	9° 45'.5	9° 47'.1	9° 18'.8	0.2	0.1	6.2	4.1	12.2	8.0
03	9° 45'.8	9° 47'.4	9° 19'.1	0.3	0.2	6.3	4.1	12.3	8.1
04	9° 46'.0	9° 47'.6	9° 19'.3	0.4	0.3	6.4	4.2	12.4	8.2
05	9° 46'.2	9° 47'.9	9° 19'.5	0.5	0.3	6.5	4.3	12.5	8.2
06	9° 46'.5	9° 48'.1	9° 19'.8	0.6	0.4	6.6	4.3	12.6	8.3
07	9° 46'.8	9° 48'.4	9° 20'.0	0.7	0.5	6.7	4.4	12.7	8.4
08	9° 47'.0	9° 48'.6	9° 20'.3	0.8	0.5	6.8	4.5	12.8	8.4
09	9° 47'.2	9° 48'.9	9° 20'.5	0.9	0.6	6.9	4.5	12.9	8.5
10	9° 47'.5	9° 49'.1	9° 20'.7	1.0	0.7	7.0	4.6	13.0	8.6
11	9° 47'.8	9° 49'.4	9° 21'.0	1.1	0.7	7.1	4.7	13.1	8.6
12	9° 48'.0	9° 49'.6	9° 21'.2	1.2	0.8	7.2	4.7	13.2	8.7
13	9° 48'.3	9° 49'.9	9° 21'.5	1.3	0.9	7.3	4.8	13.3	8.8
14	9° 48'.5	9° 50'.1	9° 21'.7	1.4	0.9	7.4	4.9	13.4	8.8
15	9° 48'.7	9° 50'.4	9° 21'.9	1.5	1.0	7.5	4.9	13.5	8.9
16	9° 49'.0	9° 50'.6	9° 22'.2	1.6	1.1	7.6	5.0	13.6	9.0
17	9° 49'.3	9° 50'.9	9° 22'.4	1.7	1.1	7.7	5.1	13.7	9.0
18	9° 49'.5	9° 51'.1	9° 22'.6	1.8	1.2	7.8	5.1	13.8	9.1
19	9° 49'.7	9° 51'.4	9° 22'.9	1.9	1.3	7.9	5.2	13.9	9.2
20	9° 50'.0	9° 51'.6	9° 23'.1	2.0	1.3	8.0	5.3	14.0	9.2
21	9° 50'.3	9° 51'.9	9° 23'.4	2.1	1.4	8.1	5.3	14.1	9.3
22	9° 50'.5	9° 52'.1	9° 23'.6	2.2	1.4	8.2	5.4	14.2	9.3
23	9° 50'.7	9° 52'.4	9° 23'.8	2.3	1.5	8.3	5.5	14.3	9.4
24	9° 51'.0	9° 52'.6	9° 24'.1	2.4	1.6	8.4	5.5	14.4	9.5
25	9° 51'.2	9° 52'.9	9° 24'.3	2.5	1.6	8.5	5.6	14.5	9.5
26	9° 51'.5	9° 53'.1	9° 24'.6	2.6	1.7	8.6	5.7	14.6	9.6
27	9° 51'.8	9° 53'.4	9° 24'.8	2.7	1.8	8.7	5.7	14.7	9.7
28	9° 52'.0	9° 53'.6	9° 25'.0	2.8	1.8	8.8	5.8	14.8	9.7
29	9° 52'.2	9° 53'.9	9° 25'.3	2.9	1.9	8.9	5.9	14.9	9.8
30	9° 52'.5	9° 54'.1	9° 25'.5	3.0	2.0	9.0	5.9	15.0	9.9
31	9° 52'.8	9° 54'.4	9° 25'.7	3.1	2.0	9.1	6.0	15.1	9.9
32	9° 53'.0	9° 54'.6	9° 26'.0	3.2	2.1	9.2	6.1	15.2	10.0
33	9° 53'.2	9° 54'.9	9° 26'.2	3.3	2.2	9.3	6.1	15.3	10.1
34	9° 53'.5	9° 55'.1	9° 26'.5	3.4	2.2	9.4	6.2	15.4	10.1
35	9° 53'.8	9° 55'.4	9° 26'.7	3.5	2.3	9.5	6.3	15.5	10.2
36	9° 54'.0	9° 55'.6	9° 26'.9	3.6	2.4	9.6	6.3	15.6	10.3
37	9° 54'.3	9° 55'.9	9° 27'.2	3.7	2.4	9.7	6.4	15.7	10.3
38	9° 54'.5	9° 56'.2	9° 27'.4	3.8	2.5	9.8	6.5	15.8	10.4
39	9° 54'.7	9° 56'.4	9° 27'.7	3.9	2.6	9.9	6.5	15.9	10.5
40	9° 55'.0	9° 56'.7	9° 27'.9	4.0	2.6	10.0	6.6	16.0	10.5
41	9° 55'.3	9° 56'.9	9° 28'.1	4.1	2.7	10.1	6.6	16.1	10.6
42	9° 55'.5	9° 57'.2	9° 28'.4	4.2	2.8	10.2	6.7	16.2	10.7
43	9° 55'.7	9° 57'.4	9° 28'.6	4.3	2.8	10.3	6.8	16.3	10.7
44	9° 56'.0	9° 57'.7	9° 28'.8	4.4	2.9	10.4	6.8	16.4	10.8
45	9° 56'.3	9° 57'.9	9° 29'.1	4.5	3.0	10.5	6.9	16.5	10.9
46	9° 56'.5	9° 58'.2	9° 29'.3	4.6	3.0	10.6	7.0	16.6	10.9
47	9° 56'.8	9° 58'.4	9° 29'.6	4.7	3.1	10.7	7.0	16.7	11.0
48	9° 57'.0	9° 58'.7	9° 29'.8	4.8	3.2	10.8	7.1	16.8	11.1
49	9° 57'.2	9° 58'.9	9° 30'.0	4.9	3.2	10.9	7.2	16.9	11.1
50	9° 57'.5	9° 59'.2	9° 30'.3	5.0	3.3	11.0	7.2	17.0	11.2
51	9° 57'.8	9° 59'.4	9° 30'.5	5.1	3.4	11.1	7.3	17.1	11.3
52	9° 58'.0	9° 59'.7	9° 30'.8	5.2	3.4	11.2	7.4	17.2	11.3
53	9° 58'.2	9° 59'.9	9° 31'.0	5.3	3.5	11.3	7.4	17.3	11.4
54	9° 58'.5	10° 00'.2	9° 31'.2	5.4	3.6	11.4	7.5	17.4	11.5
55	9° 58'.8	10° 00'.4	9° 31'.5	5.5	3.6	11.5	7.6	17.5	11.5
56	9° 59'.0	10° 00'.7	9° 31'.7	5.6	3.7	11.6	7.6	17.6	11.6
57	9° 59'.2	10° 00'.9	9° 32'.0	5.7	3.8	11.7	7.7	17.7	11.7
58	9° 59'.5	10° 01'.2	9° 32'.2	5.8	3.8	11.8	7.8	17.8	11.7
59	9° 59'.7	10° 01'.4	9° 32'.4	5.9	3.9	11.9	7.8	17.9	11.8
60	10° 00'.0	10° 01'.7	9° 32'.7	6.0	4.0	12.0	7.9	18.0	11.9

INCREMENTS AND CORRECTIONS

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	10° 00'.0	10° 01'.7	9° 32'.7	0.0	0.0	6.0	4.1	12.0	8.1
01	10° 00'.3	10° 01'.9	9° 32'.9	0.1	0.1	6.1	4.1	12.1	8.2
02	10° 00'.5	10° 02'.2	9° 33'.1	0.2	0.1	6.2	4.2	12.2	8.2
03	10° 00'.7	10° 02'.4	9° 33'.4	0.3	0.2	6.3	4.3	12.3	8.3
04	10° 01'.0	10° 02'.7	9° 33'.6	0.4	0.3	6.4	4.3	12.4	8.4
05	10° 01'.3	10° 02'.9	9° 33'.9	0.5	0.3	6.5	4.4	12.5	8.4
06	10° 01'.5	10° 03'.2	9° 34'.1	0.6	0.4	6.6	4.5	12.6	8.5
07	10° 01'.7	10° 03'.4	9° 34'.3	0.7	0.5	6.7	4.5	12.7	8.6
08	10° 02'.0	10° 03'.7	9° 34'.6	0.8	0.5	6.8	4.6	12.8	8.6
09	10° 02'.3	10° 03'.9	9° 34'.8	0.9	0.6	6.9	4.7	12.9	8.7
10	10° 02'.5	10° 04'.2	9° 35'.1	1.0	0.7	7.0	4.7	13.0	8.8
11	10° 02'.8	10° 04'.4	9° 35'.3	1.1	0.7	7.1	4.8	13.1	8.8
12	10° 03'.0	10° 04'.7	9° 35'.5	1.2	0.8	7.2	4.9	13.2	8.9
13	10° 03'.2	10° 04'.9	9° 35'.8	1.3	0.9	7.3	4.9	13.3	9.0
14	10° 03'.5	10° 05'.2	9° 36'.0	1.4	0.9	7.4	5.0	13.4	9.0
15	10° 03'.8	10° 05'.4	9° 36'.2	1.5	1.0	7.5	5.1	13.5	9.1
16	10° 04'.0	10° 05'.7	9° 36'.5	1.6	1.1	7.6	5.1	13.6	9.2
17	10° 04'.2	10° 05'.9	9° 36'.7	1.7	1.1	7.7	5.2	13.7	9.2
18	10° 04'.5	10° 06'.2	9° 37'.0	1.8	1.2	7.8	5.3	13.8	9.3
19	10° 04'.8	10° 06'.4	9° 37'.2	1.9	1.3	7.9	5.3	13.9	9.4
20	10° 05'.0	10° 06'.7	9° 37'.4	2.0	1.4	8.0	5.4	14.0	9.5
21	10° 05'.3	10° 06'.9	9° 37'.7	2.1	1.4	8.1	5.5	14.1	9.5
22	10° 05'.5	10° 07'.2	9° 37'.9	2.2	1.5	8.2	5.5	14.2	9.6
23	10° 05'.7	10° 07'.4	9° 38'.2	2.3	1.6	8.3	5.6	14.3	9.7
24	10° 06'.0	10° 07'.7	9° 38'.4	2.4	1.6	8.4	5.7	14.4	9.7
25	10° 06'.3	10° 07'.9	9° 38'.6	2.5	1.7	8.5	5.7	14.5	9.8
26	10° 06'.5	10° 08'.2	9° 38'.9	2.6	1.8	8.6	5.8	14.6	9.9
27	10° 06'.7	10° 08'.4	9° 39'.1	2.7	1.8	8.7	5.9	14.7	9.9
28	10° 07'.0	10° 08'.7	9° 39'.3	2.8	1.9	8.8	5.9	14.8	10.0
29	10° 07'.3	10° 08'.9	9° 39'.6	2.9	2.0	8.9	6.0	14.9	10.1
30	10° 07'.5	10° 09'.2	9° 39'.8	3.0	2.0	9.0	6.1	15.0	10.1
31	10° 07'.7	10° 09'.4	9° 40'.1	3.1	2.1	9.1	6.1	15.1	10.2
32	10° 08'.0	10° 09'.7	9° 40'.3	3.2	2.2	9.2	6.2	15.2	10.3
33	10° 08'.2	10° 09'.9	9° 40'.5	3.3	2.2	9.3	6.3	15.3	10.3
34	10° 08'.5	10° 10'.2	9° 40'.8	3.4	2.3	9.4	6.3	15.4	10.4
35	10° 08'.8	10° 10'.4	9° 41'.0	3.5	2.4	9.5	6.4	15.5	10.5
36	10° 09'.0	10° 10'.7	9° 41'.3	3.6	2.4	9.6	6.5	15.6	10.5
37	10° 09'.2	10° 10'.9	9° 41'.5	3.7	2.5	9.7	6.5	15.7	10.6
38	10° 09'.5	10° 11'.2	9° 41'.7	3.8	2.6	9.8	6.6	15.8	10.7
39	10° 09'.8	10° 11'.4	9° 42'.0	3.9	2.6	9.9	6.7	15.9	10.7
40	10° 10'.0	10° 11'.7	9° 42'.2	4.0	2.7	10.0	6.8	16.0	10.8
41	10° 10'.2	10° 11'.9	9° 42'.4	4.1	2.8	10.1	6.8	16.1	10.9
42	10° 10'.5	10° 12'.2	9° 42'.7	4.2	2.8	10.2	6.9	16.2	10.9
43	10° 10'.8	10° 12'.4	9° 42'.9	4.3	2.9	10.3	7.0	16.3	11.0
44	10° 11'.0	10° 12'.7	9° 43'.2	4.4	3.0	10.4	7.0	16.4	11.1
45	10° 11'.3	10° 12'.9	9° 43'.4	4.5	3.0	10.5	7.1	16.5	11.1
46	10° 11'.5	10° 13'.2	9° 43'.6	4.6	3.1	10.6	7.2	16.6	11.2
47	10° 11'.7	10° 13'.4	9° 43'.9	4.7	3.2	10.7	7.2	16.7	11.3
48	10° 12'.0	10° 13'.7	9° 44'.1	4.8	3.2	10.8	7.3	16.8	11.3
49	10° 12'.3	10° 14'.0	9° 44'.4	4.9	3.3	10.9	7.4	16.9	11.4
50	10° 12'.5	10° 14'.2	9° 44'.6	5.0	3.4	11.0	7.4	17.0	11.5
51	10° 12'.7	10° 14'.5	9° 44'.8	5.1	3.4	11.1	7.5	17.1	11.5
52	10° 13'.0	10° 14'.7	9° 45'.1	5.2	3.5	11.2	7.6	17.2	11.6
53	10° 13'.3	10° 15'.0	9° 45'.3	5.3	3.6	11.3	7.6	17.3	11.7
54	10° 13'.5	10° 15'.2	9° 45'.6	5.4	3.6	11.4	7.7	17.4	11.7
55	10° 13'.8	10° 15'.5	9° 45'.8	5.5	3.7	11.5	7.8	17.5	11.8
56	10° 14'.0	10° 15'.7	9° 46'.0	5.6	3.8	11.6	7.8	17.6	11.9
57	10° 14'.2	10° 16'.0	9° 46'.3	5.7	3.8	11.7	7.9	17.7	11.9
58	10° 14'.5	10° 16'.2	9° 46'.5	5.8	3.9	11.8	8.0	17.8	12.0
59	10° 14'.8	10° 16'.5	9° 46'.7	5.9	4.0	11.9	8.0	17.9	12.1
60	10° 15'.0	10° 16'.7	9° 47'.0	6.0	4.1	12.0	8.1	18.0	12.2

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	10° 15'.0	10° 16'.7	9° 47'.0	0.0	0.0	6.0	4.2	12.0	8.3
01	10° 15'.2	10° 17'.0	9° 47'.2	0.1	0.1	6.1	4.2	12.1	8.4
02	10° 15'.5	10° 17'.2	9° 47'.5	0.2	0.1	6.2	4.3	12.2	8.4
03	10° 15'.8	10° 17'.5	9° 47'.7	0.3	0.2	6.3	4.4	12.3	8.5
04	10° 16'.0	10° 17'.7	9° 47'.9	0.4	0.3	6.4	4.4	12.4	8.6
05	10° 16'.2	10° 18'.0	9° 48'.2	0.5	0.3	6.5	4.5	12.5	8.6
06	10° 16'.5	10° 18'.2	9° 48'.4	0.6	0.4	6.6	4.6	12.6	8.7
07	10° 16'.7	10° 18'.5	9° 48'.7	0.7	0.5	6.7	4.6	12.7	8.8
08	10° 17'.0	10° 18'.7	9° 48'.9	0.8	0.6	6.8	4.7	12.8	8.9
09	10° 17'.3	10° 19'.0	9° 49'.1	0.9	0.6	6.9	4.8	12.9	8.9
10	10° 17'.5	10° 19'.2	9° 49'.4	1.0	0.7	7.0	4.8	13.0	9.0
11	10° 17'.7	10° 19'.5	9° 49'.6	1.1	0.8	7.1	4.9	13.1	9.1
12	10° 18'.0	10° 19'.7	9° 49'.8	1.2	0.8	7.2	5.0	13.2	9.1
13	10° 18'.3	10° 20'.0	9° 50'.1	1.3	0.9	7.3	5.0	13.3	9.2
14	10° 18'.5	10° 20'.2	9° 50'.3	1.4	1.0	7.4	5.1	13.4	9.3
15	10° 18'.7	10° 20'.5	9° 50'.6	1.5	1.0	7.5	5.2	13.5	9.3
16	10° 19'.0	10° 20'.7	9° 50'.8	1.6	1.1	7.6	5.3	13.6	9.4
17	10° 19'.2	10° 21'.0	9° 51'.0	1.7	1.2	7.7	5.3	13.7	9.5
18	10° 19'.5	10° 21'.2	9° 51'.3	1.8	1.2	7.8	5.4	13.8	9.5
19	10° 19'.8	10° 21'.5	9° 51'.5	1.9	1.3	7.9	5.5	13.9	9.6
20	10° 20'.0	10° 21'.7	9° 51'.8	2.0	1.4	8.0	5.5	14.0	9.7
21	10° 20'.2	10° 22'.0	9° 52'.0	2.1	1.5	8.1	5.6	14.1	9.8
22	10° 20'.5	10° 22'.2	9° 52'.2	2.2	1.5	8.2	5.7	14.2	9.8
23	10° 20'.8	10° 22'.5	9° 52'.5	2.3	1.6	8.3	5.7	14.3	9.9
24	10° 21'.0	10° 22'.7	9° 52'.7	2.4	1.7	8.4	5.8	14.4	10.0
25	10° 21'.2	10° 23'.0	9° 52'.9	2.5	1.7	8.5	5.9	14.5	10.0
26	10° 21'.5	10° 23'.2	9° 53'.2	2.6	1.8	8.6	5.9	14.6	10.1
27	10° 21'.8	10° 23'.5	9° 53'.4	2.7	1.9	8.7	6.0	14.7	10.2
28	10° 22'.0	10° 23'.7	9° 53'.7	2.8	1.9	8.8	6.1	14.8	10.2
29	10° 22'.3	10° 24'.0	9° 53'.9	2.9	2.0	8.9	6.2	14.9	10.3
30	10° 22'.5	10° 24'.2	9° 54'.1	3.0	2.1	9.0	6.2	15.0	10.4
31	10° 22'.7	10° 24'.5	9° 54'.4	3.1	2.1	9.1	6.3	15.1	10.4
32	10° 23'.0	10° 24'.7	9° 54'.6	3.2	2.2	9.2	6.4	15.2	10.5
33	10° 23'.3	10° 25'.0	9° 54'.9	3.3	2.3	9.3	6.4	15.3	10.6
34	10° 23'.5	10° 25'.2	9° 55'.1	3.4	2.4	9.4	6.5	15.4	10.7
35	10° 23'.7	10° 25'.5	9° 55'.3	3.5	2.4	9.5	6.6	15.5	10.7
36	10° 24'.0	10° 25'.7	9° 55'.6	3.6	2.5	9.6	6.6	15.6	10.8
37	10° 24'.3	10° 26'.0	9° 55'.8	3.7	2.6	9.7	6.7	15.7	10.9
38	10° 24'.5	10° 26'.2	9° 56'.1	3.8	2.6	9.8	6.8	15.8	10.9
39	10° 24'.7	10° 26'.5	9° 56'.3	3.9	2.7	9.9	6.8	15.9	11.0
40	10° 25'.0	10° 26'.7	9° 56'.5	4.0	2.8	10.0	6.9	16.0	11.1
41	10° 25'.2	10° 27'.0	9° 56'.8	4.1	2.8	10.1	7.0	16.1	11.1
42	10° 25'.5	10° 27'.2	9° 57'.0	4.2	2.9	10.2	7.1	16.2	11.2
43	10° 25'.8	10° 27'.5	9° 57'.2	4.3	3.0	10.3	7.1	16.3	11.3
44	10° 26'.0	10° 27'.7	9° 57'.5	4.4	3.0	10.4	7.2	16.4	11.3
45	10° 26'.2	10° 28'.0	9° 57'.7	4.5	3.1	10.5	7.3	16.5	11.4
46	10° 26'.5	10° 28'.2	9° 58'.0	4.6	3.2	10.6	7.3	16.6	11.5
47	10° 26'.8	10° 28'.5	9° 58'.2	4.7	3.3	10.7	7.4	16.7	11.6
48	10° 27'.0	10° 28'.7	9° 58'.4	4.8	3.3	10.8	7.5	16.8	11.6
49	10° 27'.2	10° 29'.0	9° 58'.7	4.9	3.4	10.9	7.5	16.9	11.7
50	10° 27'.5	10° 29'.2	9° 58'.9	5.0	3.5	11.0	7.6	17.0	11.8
51	10° 27'.7	10° 29'.5	9° 59'.2	5.1	3.5	11.1	7.7	17.1	11.8
52	10° 28'.0	10° 29'.7	9° 59'.4	5.2	3.6	11.2	7.7	17.2	11.9
53	10° 28'.3	10° 30'.0	9° 59'.6	5.3	3.7	11.3	7.8	17.3	12.0
54	10° 28'.5	10° 30'.2	9° 59'.9	5.4	3.7	11.4	7.9	17.4	12.0
55	10° 28'.7	10° 30'.5	10° 00'.1	5.5	3.8	11.5	8.0	17.5	12.1
56	10° 29'.0	10° 30'.7	10° 00'.3	5.6	3.9	11.6	8.0	17.6	12.2
57	10° 29'.3	10° 31'.0	10° 00'.6	5.7	3.9	11.7	8.1	17.7	12.2
58	10° 29'.5	10° 31'.2	10° 00'.8	5.8	4.0	11.8	8.2	17.8	12.3
59	10° 29'.7	10° 31'.5	10° 01'.1	5.9	4.1	11.9	8.2	17.9	12.4
60	10° 30'.0	10° 31'.8	10° 01'.3	6.0	4.2	12.0	8.3	18.0	12.5

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	10° 30'.0	10° 31'.8	10° 01'.3	0.0	0.0	6.0	4.3	12.0	8.5
01	10° 30'.3	10° 32'.0	10° 01'.5	0.1	0.1	6.1	4.3	12.1	8.6
02	10° 30'.5	10° 32'.3	10° 01'.8	0.2	0.1	6.2	4.4	12.2	8.6
03	10° 30'.8	10° 32'.5	10° 02'.0	0.3	0.2	6.3	4.5	12.3	8.7
04	10° 31'.0	10° 32'.8	10° 02'.3	0.4	0.3	6.4	4.5	12.4	8.8
05	10° 31'.2	10° 33'.0	10° 02'.5	0.5	0.4	6.5	4.6	12.5	8.9
06	10° 31'.5	10° 33'.3	10° 02'.7	0.6	0.4	6.6	4.7	12.6	8.9
07	10° 31'.8	10° 33'.5	10° 03'.0	0.7	0.5	6.7	4.7	12.7	9.0
08	10° 32'.0	10° 33'.8	10° 03'.2	0.8	0.6	6.8	4.8	12.8	9.1
09	10° 32'.2	10° 34'.0	10° 03'.4	0.9	0.6	6.9	4.9	12.9	9.1
10	10° 32'.5	10° 34'.3	10° 03'.7	1.0	0.7	7.0	5.0	13.0	9.2
11	10° 32'.8	10° 34'.5	10° 03'.9	1.1	0.8	7.1	5.0	13.1	9.3
12	10° 33'.0	10° 34'.8	10° 04'.2	1.2	0.9	7.2	5.1	13.2	9.3
13	10° 33'.2	10° 35'.0	10° 04'.4	1.3	0.9	7.3	5.2	13.3	9.4
14	10° 33'.5	10° 35'.3	10° 04'.6	1.4	1.0	7.4	5.2	13.4	9.5
15	10° 33'.7	10° 35'.5	10° 04'.9	1.5	1.1	7.5	5.3	13.5	9.6
16	10° 34'.0	10° 35'.8	10° 05'.1	1.6	1.1	7.6	5.4	13.6	9.6
17	10° 34'.3	10° 36'.0	10° 05'.4	1.7	1.2	7.7	5.5	13.7	9.7
18	10° 34'.5	10° 36'.3	10° 05'.6	1.8	1.3	7.8	5.5	13.8	9.8
19	10° 34'.7	10° 36'.5	10° 05'.8	1.9	1.3	7.9	5.6	13.9	9.8
20	10° 35'.0	10° 36'.8	10° 06'.1	2.0	1.4	8.0	5.7	14.0	9.9
21	10° 35'.3	10° 37'.0	10° 06'.3	2.1	1.5	8.1	5.7	14.1	10.0
22	10° 35'.5	10° 37'.3	10° 06'.5	2.2	1.6	8.2	5.8	14.2	10.1
23	10° 35'.7	10° 37'.5	10° 06'.8	2.3	1.6	8.3	5.9	14.3	10.1
24	10° 36'.0	10° 37'.8	10° 07'.0	2.4	1.7	8.4	6.0	14.4	10.2
25	10° 36'.2	10° 38'.0	10° 07'.3	2.5	1.8	8.5	6.0	14.5	10.3
26	10° 36'.5	10° 38'.3	10° 07'.5	2.6	1.8	8.6	6.1	14.6	10.3
27	10° 36'.8	10° 38'.5	10° 07'.7	2.7	1.9	8.7	6.2	14.7	10.4
28	10° 37'.0	10° 38'.8	10° 08'.0	2.8	2.0	8.8	6.2	14.8	10.5
29	10° 37'.2	10° 39'.0	10° 08'.2	2.9	2.1	8.9	6.3	14.9	10.6
30	10° 37'.5	10° 39'.3	10° 08'.5	3.0	2.1	9.0	6.4	15.0	10.6
31	10° 37'.8	10° 39'.5	10° 08'.7	3.1	2.2	9.1	6.4	15.1	10.7
32	10° 38'.0	10° 39'.8	10° 08'.9	3.2	2.3	9.2	6.5	15.2	10.8
33	10° 38'.2	10° 40'.0	10° 09'.2	3.3	2.3	9.3	6.6	15.3	10.8
34	10° 38'.5	10° 40'.3	10° 09'.4	3.4	2.4	9.4	6.7	15.4	10.9
35	10° 38'.8	10° 40'.5	10° 09'.7	3.5	2.5	9.5	6.7	15.5	11.0
36	10° 39'.0	10° 40'.8	10° 09'.9	3.6	2.6	9.6	6.8	15.6	11.1
37	10° 39'.3	10° 41'.0	10° 10'.1	3.7	2.6	9.7	6.9	15.7	11.1
38	10° 39'.5	10° 41'.3	10° 10'.4	3.8	2.7	9.8	6.9	15.8	11.2
39	10° 39'.7	10° 41'.5	10° 10'.6	3.9	2.8	9.9	7.0	15.9	11.3
40	10° 40'.0	10° 41'.8	10° 10'.8	4.0	2.8	10.0	7.1	16.0	11.3
41	10° 40'.3	10° 42'.0	10° 11'.1	4.1	2.9	10.1	7.2	16.1	11.4
42	10° 40'.5	10° 42'.3	10° 11'.3	4.2	3.0	10.2	7.2	16.2	11.5
43	10° 40'.7	10° 42'.5	10° 11'.6	4.3	3.0	10.3	7.3	16.3	11.5
44	10° 41'.0	10° 42'.8	10° 11'.8	4.4	3.1	10.4	7.4	16.4	11.6
45	10° 41'.3	10° 43'.0	10° 12'.0	4.5	3.2	10.5	7.4	16.5	11.7
46	10° 41'.5	10° 43'.3	10° 12'.3	4.6	3.3	10.6	7.5	16.6	11.8
47	10° 41'.7	10° 43'.5	10° 12'.5	4.7	3.3	10.7	7.6	16.7	11.8
48	10° 42'.0	10° 43'.8	10° 12'.8	4.8	3.4	10.8	7.7	16.8	11.9
49	10° 42'.2	10° 44'.0	10° 13'.0	4.9	3.5	10.9	7.7	16.9	12.0
50	10° 42'.5	10° 44'.3	10° 13'.2	5.0	3.5	11.0	7.8	17.0	12.0
51	10° 42'.8	10° 44'.5	10° 13'.5	5.1	3.6	11.1	7.9	17.1	12.1
52	10° 43'.0	10° 44'.8	10° 13'.7	5.2	3.7	11.2	7.9	17.2	12.2
53	10° 43'.2	10° 45'.0	10° 13'.9	5.3	3.8	11.3	8.0	17.3	12.3
54	10° 43'.5	10° 45'.3	10° 14'.2	5.4	3.8	11.4	8.1	17.4	12.3
55	10° 43'.8	10° 45'.5	10° 14'.4	5.5	3.9	11.5	8.1	17.5	12.4
56	10° 44'.0	10° 45'.8	10° 14'.7	5.6	4.0	11.6	8.2	17.6	12.5
57	10° 44'.2	10° 46'.0	10° 14'.9	5.7	4.0	11.7	8.3	17.7	12.5
58	10° 44'.5	10° 46'.3	10° 15'.1	5.8	4.1	11.8	8.4	17.8	12.6
59	10° 44'.7	10° 46'.5	10° 15'.4	5.9	4.2	11.9	8.4	17.9	12.7
60	10° 45'.0	10° 46'.8	10° 15'.6	6.0	4.3	12.0	8.5	18.0	12.8

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	10° 45'.0	10° 46'.8	10° 15'.6	0.0	0.0	6.0	4.4	12.0	8.7
01	10° 45'.3	10° 47'.0	10° 15'.9	0.1	0.1	6.1	4.4	12.1	8.8
02	10° 45'.5	10° 47'.3	10° 16'.1	0.2	0.1	6.2	4.5	12.2	8.8
03	10° 45'.7	10° 47'.5	10° 16'.3	0.3	0.2	6.3	4.6	12.3	8.9
04	10° 46'.0	10° 47'.8	10° 16'.6	0.4	0.3	6.4	4.6	12.4	9.0
05	10° 46'.3	10° 48'.0	10° 16'.8	0.5	0.4	6.5	4.7	12.5	9.1
06	10° 46'.5	10° 48'.3	10° 17'.0	0.6	0.4	6.6	4.8	12.6	9.1
07	10° 46'.7	10° 48'.5	10° 17'.3	0.7	0.5	6.7	4.9	12.7	9.2
08	10° 47'.0	10° 48'.8	10° 17'.5	0.8	0.6	6.8	4.9	12.8	9.3
09	10° 47'.3	10° 49'.0	10° 17'.8	0.9	0.7	6.9	5.0	12.9	9.4
10	10° 47'.5	10° 49'.3	10° 18'.0	1.0	0.7	7.0	5.1	13.0	9.4
11	10° 47'.8	10° 49'.5	10° 18'.2	1.1	0.8	7.1	5.1	13.1	9.5
12	10° 48'.0	10° 49'.8	10° 18'.5	1.2	0.9	7.2	5.2	13.2	9.6
13	10° 48'.2	10° 50'.1	10° 18'.7	1.3	0.9	7.3	5.3	13.3	9.6
14	10° 48'.5	10° 50'.3	10° 19'.0	1.4	1.0	7.4	5.4	13.4	9.7
15	10° 48'.8	10° 50'.6	10° 19'.2	1.5	1.1	7.5	5.4	13.5	9.8
16	10° 49'.0	10° 50'.8	10° 19'.4	1.6	1.2	7.6	5.5	13.6	9.9
17	10° 49'.2	10° 51'.1	10° 19'.7	1.7	1.2	7.7	5.6	13.7	9.9
18	10° 49'.5	10° 51'.3	10° 19'.9	1.8	1.3	7.8	5.7	13.8	10.0
19	10° 49'.8	10° 51'.6	10° 20'.2	1.9	1.4	7.9	5.7	13.9	10.1
20	10° 50'.0	10° 51'.8	10° 20'.4	2.0	1.5	8.0	5.8	14.0	10.2
21	10° 50'.2	10° 52'.1	10° 20'.6	2.1	1.5	8.1	5.9	14.1	10.2
22	10° 50'.5	10° 52'.3	10° 20'.9	2.2	1.6	8.2	5.9	14.2	10.3
23	10° 50'.7	10° 52'.6	10° 21'.1	2.3	1.7	8.3	6.0	14.3	10.4
24	10° 51'.0	10° 52'.8	10° 21'.3	2.4	1.7	8.4	6.1	14.4	10.4
25	10° 51'.3	10° 53'.1	10° 21'.6	2.5	1.8	8.5	6.2	14.5	10.5
26	10° 51'.5	10° 53'.3	10° 21'.8	2.6	1.9	8.6	6.2	14.6	10.6
27	10° 51'.7	10° 53'.6	10° 22'.1	2.7	2.0	8.7	6.3	14.7	10.7
28	10° 52'.0	10° 53'.8	10° 22'.3	2.8	2.0	8.8	6.4	14.8	10.7
29	10° 52'.3	10° 54'.1	10° 22'.5	2.9	2.1	8.9	6.5	14.9	10.8
30	10° 52'.5	10° 54'.3	10° 22'.8	3.0	2.2	9.0	6.5	15.0	10.9
31	10° 52'.7	10° 54'.6	10° 23'.0	3.1	2.2	9.1	6.6	15.1	10.9
32	10° 53'.0	10° 54'.8	10° 23'.3	3.2	2.3	9.2	6.7	15.2	11.0
33	10° 53'.2	10° 55'.1	10° 23'.5	3.3	2.4	9.3	6.7	15.3	11.1
34	10° 53'.5	10° 55'.3	10° 23'.7	3.4	2.5	9.4	6.8	15.4	11.2
35	10° 53'.8	10° 55'.6	10° 24'.0	3.5	2.5	9.5	6.9	15.5	11.2
36	10° 54'.0	10° 55'.8	10° 24'.2	3.6	2.6	9.6	7.0	15.6	11.3
37	10° 54'.2	10° 56'.1	10° 24'.4	3.7	2.7	9.7	7.0	15.7	11.4
38	10° 54'.5	10° 56'.3	10° 24'.7	3.8	2.8	9.8	7.1	15.8	11.5
39	10° 54'.8	10° 56'.6	10° 24'.9	3.9	2.8	9.9	7.2	15.9	11.5
40	10° 55'.0	10° 56'.8	10° 25'.2	4.0	2.9	10.0	7.3	16.0	11.6
41	10° 55'.2	10° 57'.1	10° 25'.4	4.1	3.0	10.1	7.3	16.1	11.7
42	10° 55'.5	10° 57'.3	10° 25'.6	4.2	3.0	10.2	7.4	16.2	11.7
43	10° 55'.8	10° 57'.6	10° 25'.9	4.3	3.1	10.3	7.5	16.3	11.8
44	10° 56'.0	10° 57'.8	10° 26'.1	4.4	3.2	10.4	7.5	16.4	11.9
45	10° 56'.3	10° 58'.1	10° 26'.4	4.5	3.3	10.5	7.6	16.5	12.0
46	10° 56'.5	10° 58'.3	10° 26'.6	4.6	3.3	10.6	7.7	16.6	12.0
47	10° 56'.7	10° 58'.6	10° 26'.8	4.7	3.4	10.7	7.8	16.7	12.1
48	10° 57'.0	10° 58'.8	10° 27'.1	4.8	3.5	10.8	7.8	16.8	12.2
49	10° 57'.3	10° 59'.1	10° 27'.3	4.9	3.6	10.9	7.9	16.9	12.3
50	10° 57'.5	10° 59'.3	10° 27'.5	5.0	3.6	11.0	8.0	17.0	12.3
51	10° 57'.7	10° 59'.6	10° 27'.8	5.1	3.7	11.1	8.0	17.1	12.4
52	10° 58'.0	10° 59'.8	10° 28'.0	5.2	3.8	11.2	8.1	17.2	12.5
53	10° 58'.3	11° 00'.1	10° 28'.3	5.3	3.8	11.3	8.2	17.3	12.5
54	10° 58'.5	11° 00'.3	10° 28'.5	5.4	3.9	11.4	8.3	17.4	12.6
55	10° 58'.8	11° 00'.6	10° 28'.7	5.5	4.0	11.5	8.3	17.5	12.7
56	10° 59'.0	11° 00'.8	10° 29'.0	5.6	4.1	11.6	8.4	17.6	12.8
57	10° 59'.2	11° 01'.1	10° 29'.2	5.7	4.1	11.7	8.5	17.7	12.8
58	10° 59'.5	11° 01'.3	10° 29'.5	5.8	4.2	11.8	8.6	17.8	12.9
59	10° 59'.8	11° 01'.6	10° 29'.7	5.9	4.3	11.9	8.6	17.9	13.0
60	11° 00'.0	11° 01'.8	10° 29'.9	6.0	4.4	12.0	8.7	18.0	13.1

44m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	11° 00'.0	11° 01'.8	10° 29'.9	0.0	0.0	6.0	4.5	12.0	8.9
01	11° 00'.2	11° 02'.1	10° 30'.2	0.1	0.1	6.1	4.5	12.1	9.0
02	11° 00'.5	11° 02'.3	10° 30'.4	0.2	0.1	6.2	4.6	12.2	9.0
03	11° 00'.8	11° 02'.6	10° 30'.6	0.3	0.2	6.3	4.7	12.3	9.1
04	11° 01'.0	11° 02'.8	10° 30'.9	0.4	0.3	6.4	4.7	12.4	9.2
05	11° 01'.2	11° 03'.1	10° 31'.1	0.5	0.4	6.5	4.8	12.5	9.3
06	11° 01'.5	11° 03'.3	10° 31'.4	0.6	0.4	6.6	4.9	12.6	9.3
07	11° 01'.7	11° 03'.6	10° 31'.6	0.7	0.5	6.7	5.0	12.7	9.4
08	11° 02'.0	11° 03'.8	10° 31'.8	0.8	0.6	6.8	5.0	12.8	9.5
09	11° 02'.3	11° 04'.1	10° 32'.1	0.9	0.7	6.9	5.1	12.9	9.6
10	11° 02'.5	11° 04'.3	10° 32'.3	1.0	0.7	7.0	5.2	13.0	9.6
11	11° 02'.7	11° 04'.6	10° 32'.6	1.1	0.8	7.1	5.3	13.1	9.7
12	11° 03'.0	11° 04'.8	10° 32'.8	1.2	0.9	7.2	5.3	13.2	9.8
13	11° 03'.3	11° 05'.1	10° 33'.0	1.3	1.0	7.3	5.4	13.3	9.9
14	11° 03'.5	11° 05'.3	10° 33'.3	1.4	1.0	7.4	5.5	13.4	9.9
15	11° 03'.7	11° 05'.6	10° 33'.5	1.5	1.1	7.5	5.6	13.5	10.0
16	11° 04'.0	11° 05'.8	10° 33'.8	1.6	1.2	7.6	5.6	13.6	10.1
17	11° 04'.3	11° 06'.1	10° 34'.0	1.7	1.3	7.7	5.7	13.7	10.2
18	11° 04'.5	11° 06'.3	10° 34'.2	1.8	1.3	7.8	5.8	13.8	10.2
19	11° 04'.8	11° 06'.6	10° 34'.5	1.9	1.4	7.9	5.9	13.9	10.3
20	11° 05'.0	11° 06'.8	10° 34'.7	2.0	1.5	8.0	5.9	14.0	10.4
21	11° 05'.2	11° 07'.1	10° 34'.9	2.1	1.6	8.1	6.0	14.1	10.5
22	11° 05'.5	11° 07'.3	10° 35'.2	2.2	1.6	8.2	6.1	14.2	10.5
23	11° 05'.8	11° 07'.6	10° 35'.4	2.3	1.7	8.3	6.2	14.3	10.6
24	11° 06'.0	11° 07'.8	10° 35'.7	2.4	1.8	8.4	6.2	14.4	10.7
25	11° 06'.2	11° 08'.1	10° 35'.9	2.5	1.9	8.5	6.3	14.5	10.8
26	11° 06'.5	11° 08'.4	10° 36'.1	2.6	1.9	8.6	6.4	14.6	10.8
27	11° 06'.8	11° 08'.6	10° 36'.4	2.7	2.0	8.7	6.5	14.7	10.9
28	11° 07'.0	11° 08'.9	10° 36'.6	2.8	2.1	8.8	6.5	14.8	11.0
29	11° 07'.3	11° 09'.1	10° 36'.9	2.9	2.2	8.9	6.6	14.9	11.1
30	11° 07'.5	11° 09'.4	10° 37'.1	3.0	2.2	9.0	6.7	15.0	11.1
31	11° 07'.7	11° 09'.6	10° 37'.3	3.1	2.3	9.1	6.7	15.1	11.2
32	11° 08'.0	11° 09'.9	10° 37'.6	3.2	2.4	9.2	6.8	15.2	11.3
33	11° 08'.3	11° 10'.1	10° 37'.8	3.3	2.4	9.3	6.9	15.3	11.3
34	11° 08'.5	11° 10'.4	10° 38'.0	3.4	2.5	9.4	7.0	15.4	11.4
35	11° 08'.7	11° 10'.6	10° 38'.3	3.5	2.6	9.5	7.0	15.5	11.5
36	11° 09'.0	11° 10'.9	10° 38'.5	3.6	2.7	9.6	7.1	15.6	11.6
37	11° 09'.3	11° 11'.1	10° 38'.8	3.7	2.7	9.7	7.2	15.7	11.6
38	11° 09'.5	11° 11'.4	10° 39'.0	3.8	2.8	9.8	7.3	15.8	11.7
39	11° 09'.7	11° 11'.6	10° 39'.2	3.9	2.9	9.9	7.3	15.9	11.8
40	11° 10'.0	11° 11'.9	10° 39'.5	4.0	3.0	10.0	7.4	16.0	11.9
41	11° 10'.2	11° 12'.1	10° 39'.7	4.1	3.0	10.1	7.5	16.1	11.9
42	11° 10'.5	11° 12'.4	10° 40'.0	4.2	3.1	10.2	7.6	16.2	12.0
43	11° 10'.8	11° 12'.6	10° 40'.2	4.3	3.2	10.3	7.6	16.3	12.1
44	11° 11'.0	11° 12'.9	10° 40'.4	4.4	3.3	10.4	7.7	16.4	12.2
45	11° 11'.2	11° 13'.1	10° 40'.7	4.5	3.3	10.5	7.8	16.5	12.2
46	11° 11'.5	11° 13'.4	10° 40'.9	4.6	3.4	10.6	7.9	16.6	12.3
47	11° 11'.8	11° 13'.6	10° 41'.1	4.7	3.5	10.7	7.9	16.7	12.4
48	11° 12'.0	11° 13'.9	10° 41'.4	4.8	3.6	10.8	8.0	16.8	12.5
49	11° 12'.2	11° 14'.1	10° 41'.6	4.9	3.6	10.9	8.1	16.9	12.5
50	11° 12'.5	11° 14'.4	10° 41'.9	5.0	3.7	11.0	8.2	17.0	12.6
51	11° 12'.8	11° 14'.6	10° 42'.1	5.1	3.8	11.1	8.2	17.1	12.7
52	11° 13'.0	11° 14'.9	10° 42'.3	5.2	3.9	11.2	8.3	17.2	12.8
53	11° 13'.3	11° 15'.1	10° 42'.6	5.3	3.9	11.3	8.4	17.3	12.8
54	11° 13'.5	11° 15'.4	10° 42'.8	5.4	4.0	11.4	8.5	17.4	12.9
55	11° 13'.7	11° 15'.6	10° 43'.1	5.5	4.1	11.5	8.5	17.5	13.0
56	11° 14'.0	11° 15'.9	10° 43'.3	5.6	4.2	11.6	8.6	17.6	13.1
57	11° 14'.3	11° 16'.1	10° 43'.5	5.7	4.2	11.7	8.7	17.7	13.1
58	11° 14'.5	11° 16'.4	10° 43'.8	5.8	4.3	11.8	8.8	17.8	13.2
59	11° 14'.7	11° 16'.6	10° 44'.0	5.9	4.4	11.9	8.8	17.9	13.3
60	11° 15'.0	11° 16'.9	10° 44'.2	6.0	4.5	12.0	8.9	18.0	13.4

45m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	11° 15'.0	11° 16'.9	10° 44'.2	0.0	0.0	6.0	4.6	12.0	9.1
01	11° 15'.3	11° 17'.1	10° 44'.5	0.1	0.1	6.1	4.6	12.1	9.2
02	11° 15'.5	11° 17'.4	10° 44'.7	0.2	0.2	6.2	4.7	12.2	9.3
03	11° 15'.8	11° 17'.6	10° 45'.0	0.3	0.2	6.3	4.8	12.3	9.3
04	11° 16'.0	11° 17'.9	10° 45'.2	0.4	0.3	6.4	4.9	12.4	9.4
05	11° 16'.2	11° 18'.1	10° 45'.4	0.5	0.4	6.5	4.9	12.5	9.5
06	11° 16'.5	11° 18'.4	10° 45'.7	0.6	0.5	6.6	5.0	12.6	9.6
07	11° 16'.8	11° 18'.6	10° 45'.9	0.7	0.5	6.7	5.1	12.7	9.6
08	11° 17'.0	11° 18'.9	10° 46'.2	0.8	0.6	6.8	5.2	12.8	9.7
09	11° 17'.2	11° 19'.1	10° 46'.4	0.9	0.7	6.9	5.2	12.9	9.8
10	11° 17'.5	11° 19'.4	10° 46'.6	1.0	0.8	7.0	5.3	13.0	9.9
11	11° 17'.8	11° 19'.6	10° 46'.9	1.1	0.8	7.1	5.4	13.1	9.9
12	11° 18'.0	11° 19'.9	10° 47'.1	1.2	0.9	7.2	5.5	13.2	10.0
13	11° 18'.2	11° 20'.1	10° 47'.4	1.3	1.0	7.3	5.5	13.3	10.1
14	11° 18'.5	11° 20'.4	10° 47'.6	1.4	1.1	7.4	5.6	13.4	10.2
15	11° 18'.7	11° 20'.6	10° 47'.8	1.5	1.1	7.5	5.7	13.5	10.2
16	11° 19'.0	11° 20'.9	10° 48'.1	1.6	1.2	7.6	5.8	13.6	10.3
17	11° 19'.3	11° 21'.1	10° 48'.3	1.7	1.3	7.7	5.8	13.7	10.4
18	11° 19'.5	11° 21'.4	10° 48'.5	1.8	1.4	7.8	5.9	13.8	10.5
19	11° 19'.7	11° 21'.6	10° 48'.8	1.9	1.4	7.9	6.0	13.9	10.5
20	11° 20'.0	11° 21'.9	10° 49'.0	2.0	1.5	8.0	6.1	14.0	10.6
21	11° 20'.3	11° 22'.1	10° 49'.3	2.1	1.6	8.1	6.1	14.1	10.7
22	11° 20'.5	11° 22'.4	10° 49'.5	2.2	1.7	8.2	6.2	14.2	10.8
23	11° 20'.7	11° 22'.6	10° 49'.7	2.3	1.7	8.3	6.3	14.3	10.8
24	11° 21'.0	11° 22'.9	10° 50'.0	2.4	1.8	8.4	6.4	14.4	10.9
25	11° 21'.3	11° 23'.1	10° 50'.2	2.5	1.9	8.5	6.4	14.5	11.0
26	11° 21'.5	11° 23'.4	10° 50'.5	2.6	2.0	8.6	6.5	14.6	11.1
27	11° 21'.8	11° 23'.6	10° 50'.7	2.7	2.0	8.7	6.6	14.7	11.1
28	11° 22'.0	11° 23'.9	10° 50'.9	2.8	2.1	8.8	6.7	14.8	11.2
29	11° 22'.2	11° 24'.1	10° 51'.2	2.9	2.2	8.9	6.7	14.9	11.3
30	11° 22'.5	11° 24'.4	10° 51'.4	3.0	2.3	9.0	6.8	15.0	11.4
31	11° 22'.8	11° 24'.6	10° 51'.6	3.1	2.4	9.1	6.9	15.1	11.5
32	11° 23'.0	11° 24'.9	10° 51'.9	3.2	2.4	9.2	7.0	15.2	11.5
33	11° 23'.2	11° 25'.1	10° 52'.1	3.3	2.5	9.3	7.1	15.3	11.6
34	11° 23'.5	11° 25'.4	10° 52'.4	3.4	2.6	9.4	7.1	15.4	11.7
35	11° 23'.8	11° 25'.6	10° 52'.6	3.5	2.7	9.5	7.2	15.5	11.8
36	11° 24'.0	11° 25'.9	10° 52'.8	3.6	2.7	9.6	7.3	15.6	11.8
37	11° 24'.3	11° 26'.2	10° 53'.1	3.7	2.8	9.7	7.4	15.7	11.9
38	11° 24'.5	11° 26'.4	10° 53'.3	3.8	2.9	9.8	7.4	15.8	12.0
39	11° 24'.7	11° 26'.7	10° 53'.6	3.9	3.0	9.9	7.5	15.9	12.1
40	11° 25'.0	11° 26'.9	10° 53'.8	4.0	3.0	10.0	7.6	16.0	12.1
41	11° 25'.3	11° 27'.2	10° 54'.0	4.1	3.1	10.1	7.7	16.1	12.2
42	11° 25'.5	11° 27'.4	10° 54'.3	4.2	3.2	10.2	7.7	16.2	12.3
43	11° 25'.7	11° 27'.7	10° 54'.5	4.3	3.3	10.3	7.8	16.3	12.4
44	11° 26'.0	11° 27'.9	10° 54'.7	4.4	3.3	10.4	7.9	16.4	12.4
45	11° 26'.3	11° 28'.2	10° 55'.0	4.5	3.4	10.5	8.0	16.5	12.5
46	11° 26'.5	11° 28'.4	10° 55'.2	4.6	3.5	10.6	8.0	16.6	12.6
47	11° 26'.7	11° 28'.7	10° 55'.5	4.7	3.6	10.7	8.1	16.7	12.7
48	11° 27'.0	11° 28'.9	10° 55'.7	4.8	3.6	10.8	8.2	16.8	12.7
49	11° 27'.2	11° 29'.2	10° 55'.9	4.9	3.7	10.9	8.3	16.9	12.8
50	11° 27'.5	11° 29'.4	10° 56'.2	5.0	3.8	11.0	8.3	17.0	12.9
51	11° 27'.8	11° 29'.7	10° 56'.4	5.1	3.9	11.1	8.4	17.1	13.0
52	11° 28'.0	11° 29'.9	10° 56'.7	5.2	3.9	11.2	8.5	17.2	13.0
53	11° 28'.2	11° 30'.2	10° 56'.9	5.3	4.0	11.3	8.6	17.3	13.1
54	11° 28'.5	11° 30'.4	10° 57'.1	5.4	4.1	11.4	8.6	17.4	13.2
55	11° 28'.8	11° 30'.7	10° 57'.4	5.5	4.2	11.5	8.7	17.5	13.3
56	11° 29'.0	11° 30'.9	10° 57'.6	5.6	4.2	11.6	8.8	17.6	13.3
57	11° 29'.2	11° 31'.2	10° 57'.9	5.7	4.3	11.7	8.9	17.7	13.4
58	11° 29'.5	11° 31'.4	10° 58'.1	5.8	4.4	11.8	8.9	17.8	13.5
59	11° 29'.8	11° 31'.7	10° 58'.3	5.9	4.5	11.9	9.0	17.9	13.6
60	11° 30'.0	11° 31'.9	10° 58'.6	6.0	4.6	12.0	9.1	18.0	13.7

INCREMENTS AND CORRECTIONS

46^{m}

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	11° 30'.0	11° 31'.9	10° 58'.6	0.0	0.0	6.0	4.7	12.0	9.3
01	11° 30'.3	11° 32'.2	10° 58'.8	0.1	0.1	6.1	4.7	12.1	9.4
02	11° 30'.5	11° 32'.4	10° 59'.0	0.2	0.2	6.2	4.8	12.2	9.5
03	11° 30'.7	11° 32'.7	10° 59'.3	0.3	0.2	6.3	4.9	12.3	9.5
04	11° 31'.0	11° 32'.9	10° 59'.5	0.4	0.3	6.4	5.0	12.4	9.6
05	11° 31'.3	11° 33'.2	10° 59'.8	0.5	0.4	6.5	5.0	12.5	9.7
06	11° 31'.5	11° 33'.4	11° 00'.0	0.6	0.5	6.6	5.1	12.6	9.8
07	11° 31'.7	11° 33'.7	11° 00'.2	0.7	0.5	6.7	5.2	12.7	9.8
08	11° 32'.0	11° 33'.9	11° 00'.5	0.8	0.6	6.8	5.3	12.8	9.9
09	11° 32'.3	11° 34'.2	11° 00'.7	0.9	0.7	6.9	5.3	12.9	10.0
10	11° 32'.5	11° 34'.4	11° 01'.0	1.0	0.8	7.0	5.4	13.0	10.1
11	11° 32'.8	11° 34'.7	11° 01'.2	1.1	0.9	7.1	5.5	13.1	10.2
12	11° 33'.0	11° 34'.9	11° 01'.4	1.2	0.9	7.2	5.6	13.2	10.2
13	11° 33'.2	11° 35'.2	11° 01'.7	1.3	1.0	7.3	5.7	13.3	10.3
14	11° 33'.5	11° 35'.4	11° 01'.9	1.4	1.1	7.4	5.7	13.4	10.4
15	11° 33'.8	11° 35'.7	11° 02'.1	1.5	1.2	7.5	5.8	13.5	10.5
16	11° 34'.0	11° 35'.9	11° 02'.4	1.6	1.2	7.6	5.9	13.6	10.5
17	11° 34'.2	11° 36'.2	11° 02'.6	1.7	1.3	7.7	6.0	13.7	10.6
18	11° 34'.5	11° 36'.4	11° 02'.9	1.8	1.4	7.8	6.0	13.8	10.7
19	11° 34'.8	11° 36'.7	11° 03'.1	1.9	1.5	7.9	6.1	13.9	10.8
20	11° 35'.0	11° 36'.9	11° 03'.3	2.0	1.6	8.0	6.2	14.0	10.9
21	11° 35'.2	11° 37'.2	11° 03'.6	2.1	1.6	8.1	6.3	14.1	10.9
22	11° 35'.5	11° 37'.4	11° 03'.8	2.2	1.7	8.2	6.4	14.2	11.0
23	11° 35'.7	11° 37'.7	11° 04'.1	2.3	1.8	8.3	6.4	14.3	11.1
24	11° 36'.0	11° 37'.9	11° 04'.3	2.4	1.9	8.4	6.5	14.4	11.2
25	11° 36'.3	11° 38'.2	11° 04'.5	2.5	1.9	8.5	6.6	14.5	11.2
26	11° 36'.5	11° 38'.4	11° 04'.8	2.6	2.0	8.6	6.7	14.6	11.3
27	11° 36'.7	11° 38'.7	11° 05'.0	2.7	2.1	8.7	6.7	14.7	11.4
28	11° 37'.0	11° 38'.9	11° 05'.2	2.8	2.2	8.8	6.8	14.8	11.5
29	11° 37'.3	11° 39'.2	11° 05'.5	2.9	2.2	8.9	6.9	14.9	11.5
30	11° 37'.5	11° 39'.4	11° 05'.7	3.0	2.3	9.0	7.0	15.0	11.6
31	11° 37'.7	11° 39'.7	11° 06'.0	3.1	2.4	9.1	7.1	15.1	11.7
32	11° 38'.0	11° 39'.9	11° 06'.2	3.2	2.5	9.2	7.1	15.2	11.8
33	11° 38'.2	11° 40'.2	11° 06'.4	3.3	2.6	9.3	7.2	15.3	11.9
34	11° 38'.5	11° 40'.4	11° 06'.7	3.4	2.6	9.4	7.3	15.4	11.9
35	11° 38'.8	11° 40'.7	11° 06'.9	3.5	2.7	9.5	7.4	15.5	12.0
36	11° 39'.0	11° 40'.9	11° 07'.2	3.6	2.8	9.6	7.4	15.6	12.1
37	11° 39'.2	11° 41'.2	11° 07'.4	3.7	2.9	9.7	7.5	15.7	12.2
38	11° 39'.5	11° 41'.4	11° 07'.6	3.8	2.9	9.8	7.6	15.8	12.2
39	11° 39'.8	11° 41'.7	11° 07'.9	3.9	3.0	9.9	7.7	15.9	12.3
40	11° 40'.0	11° 41'.9	11° 08'.1	4.0	3.1	10.0	7.8	16.0	12.4
41	11° 40'.2	11° 42'.2	11° 08'.3	4.1	3.2	10.1	7.8	16.1	12.5
42	11° 40'.5	11° 42'.4	11° 08'.6	4.2	3.3	10.2	7.9	16.2	12.6
43	11° 40'.8	11° 42'.7	11° 08'.8	4.3	3.3	10.3	8.0	16.3	12.6
44	11° 41'.0	11° 42'.9	11° 09'.1	4.4	3.4	10.4	8.1	16.4	12.7
45	11° 41'.3	11° 43'.2	11° 09'.3	4.5	3.5	10.5	8.1	16.5	12.8
46	11° 41'.5	11° 43'.4	11° 09'.5	4.6	3.6	10.6	8.2	16.6	12.9
47	11° 41'.7	11° 43'.7	11° 09'.8	4.7	3.6	10.7	8.3	16.7	12.9
48	11° 42'.0	11° 44'.0	11° 10'.0	4.8	3.7	10.8	8.4	16.8	13.0
49	11° 42'.3	11° 44'.2	11° 10'.3	4.9	3.8	10.9	8.4	16.9	13.1
50	11° 42'.5	11° 44'.5	11° 10'.5	5.0	3.9	11.0	8.5	17.0	13.2
51	11° 42'.7	11° 44'.7	11° 10'.7	5.1	4.0	11.1	8.6	17.1	13.3
52	11° 43'.0	11° 45'.0	11° 11'.0	5.2	4.0	11.2	8.7	17.2	13.3
53	11° 43'.3	11° 45'.2	11° 11'.2	5.3	4.1	11.3	8.8	17.3	13.4
54	11° 43'.5	11° 45'.5	11° 11'.5	5.4	4.2	11.4	8.8	17.4	13.5
55	11° 43'.7	11° 45'.7	11° 11'.7	5.5	4.3	11.5	8.9	17.5	13.6
56	11° 44'.0	11° 46'.0	11° 11'.9	5.6	4.3	11.6	9.0	17.6	13.6
57	11° 44'.2	11° 46'.2	11° 12'.2	5.7	4.4	11.7	9.1	17.7	13.7
58	11° 44'.5	11° 46'.5	11° 12'.4	5.8	4.5	11.8	9.1	17.8	13.8
59	11° 44'.8	11° 46'.7	11° 12'.6	5.9	4.6	11.9	9.2	17.9	13.9
60	11° 45'.0	11° 47'.0	11° 12'.9	6.0	4.7	12.0	9.3	18.0	14.0

47^{m}

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	11° 45'.0	11° 47'.0	11° 12'.9	0.0	0.0	6.0	4.8	12.0	9.5
01	11° 45'.2	11° 47'.2	11° 13'.1	0.1	0.1	6.1	4.8	12.1	9.6
02	11° 45'.5	11° 47'.5	11° 13'.4	0.2	0.2	6.2	4.9	12.2	9.7
03	11° 45'.8	11° 47'.7	11° 13'.6	0.3	0.2	6.3	5.0	12.3	9.7
04	11° 46'.0	11° 48'.0	11° 13'.8	0.4	0.3	6.4	5.1	12.4	9.8
05	11° 46'.2	11° 48'.2	11° 14'.1	0.5	0.4	6.5	5.1	12.5	9.9
06	11° 46'.5	11° 48'.5	11° 14'.3	0.6	0.5	6.6	5.2	12.6	10.0
07	11° 46'.7	11° 48'.7	11° 14'.6	0.7	0.6	6.7	5.3	12.7	10.1
08	11° 47'.0	11° 49'.0	11° 14'.8	0.8	0.6	6.8	5.4	12.8	10.1
09	11° 47'.3	11° 49'.2	11° 15'.0	0.9	0.7	6.9	5.5	12.9	10.2
10	11° 47'.5	11° 49'.5	11° 15'.3	1.0	0.8	7.0	5.5	13.0	10.3
11	11° 47'.7	11° 49'.7	11° 15'.5	1.1	0.9	7.1	5.6	13.1	10.4
12	11° 48'.0	11° 50'.0	11° 15'.7	1.2	1.0	7.2	5.7	13.2	10.5
13	11° 48'.3	11° 50'.2	11° 16'.0	1.3	1.0	7.3	5.8	13.3	10.5
14	11° 48'.5	11° 50'.5	11° 16'.2	1.4	1.1	7.4	5.9	13.4	10.6
15	11° 48'.7	11° 50'.7	11° 16'.5	1.5	1.2	7.5	5.9	13.5	10.7
16	11° 49'.0	11° 51'.0	11° 16'.7	1.6	1.3	7.6	6.0	13.6	10.8
17	11° 49'.3	11° 51'.2	11° 16'.9	1.7	1.3	7.7	6.1	13.7	10.8
18	11° 49'.5	11° 51'.5	11° 17'.2	1.8	1.4	7.8	6.2	13.8	10.9
19	11° 49'.8	11° 51'.7	11° 17'.4	1.9	1.5	7.9	6.3	13.9	11.0
20	11° 50'.0	11° 52'.0	11° 17'.7	2.0	1.6	8.0	6.3	14.0	11.1
21	11° 50'.2	11° 52'.2	11° 17'.9	2.1	1.7	8.1	6.4	14.1	11.2
22	11° 50'.5	11° 52'.5	11° 18'.1	2.2	1.7	8.2	6.5	14.2	11.2
23	11° 50'.8	11° 52'.7	11° 18'.4	2.3	1.8	8.3	6.6	14.3	11.3
24	11° 51'.0	11° 53'.0	11° 18'.6	2.4	1.9	8.4	6.7	14.4	11.4
25	11° 51'.2	11° 53'.2	11° 18'.8	2.5	2.0	8.5	6.7	14.5	11.5
26	11° 51'.5	11° 53'.5	11° 19'.1	2.6	2.1	8.6	6.8	14.6	11.6
27	11° 51'.8	11° 53'.7	11° 19'.3	2.7	2.1	8.7	6.9	14.7	11.6
28	11° 52'.0	11° 54'.0	11° 19'.6	2.8	2.2	8.8	7.0	14.8	11.7
29	11° 52'.2	11° 54'.2	11° 19'.8	2.9	2.3	8.9	7.0	14.9	11.8
30	11° 52'.5	11° 54'.5	11° 20'.0	3.0	2.4	9.0	7.1	15.0	11.9
31	11° 52'.7	11° 54'.7	11° 20'.3	3.1	2.5	9.1	7.2	15.1	12.0
32	11° 53'.0	11° 55'.0	11° 20'.5	3.2	2.5	9.2	7.3	15.2	12.0
33	11° 53'.3	11° 55'.2	11° 20'.8	3.3	2.6	9.3	7.4	15.3	12.1
34	11° 53'.5	11° 55'.5	11° 21'.0	3.4	2.7	9.4	7.4	15.4	12.2
35	11° 53'.7	11° 55'.7	11° 21'.2	3.5	2.8	9.5	7.5	15.5	12.3
36	11° 54'.0	11° 56'.0	11° 21'.5	3.6	2.9	9.6	7.6	15.6	12.4
37	11° 54'.3	11° 56'.2	11° 21'.7	3.7	2.9	9.7	7.7	15.7	12.4
38	11° 54'.5	11° 56'.5	11° 22'.0	3.8	3.0	9.8	7.8	15.8	12.5
39	11° 54'.7	11° 56'.7	11° 22'.2	3.9	3.1	9.9	7.8	15.9	12.6
40	11° 55'.0	11° 57'.0	11° 22'.4	4.0	3.2	10.0	7.9	16.0	12.7
41	11° 55'.2	11° 57'.2	11° 22'.7	4.1	3.2	10.1	8.0	16.1	12.7
42	11° 55'.5	11° 57'.5	11° 22'.9	4.2	3.3	10.2	8.1	16.2	12.8
43	11° 55'.8	11° 57'.7	11° 23'.1	4.3	3.4	10.3	8.2	16.3	12.9
44	11° 56'.0	11° 58'.0	11° 23'.4	4.4	3.5	10.4	8.2	16.4	13.0
45	11° 56'.2	11° 58'.2	11° 23'.6	4.5	3.6	10.5	8.3	16.5	13.1
46	11° 56'.5	11° 58'.5	11° 23'.9	4.6	3.6	10.6	8.4	16.6	13.1
47	11° 56'.8	11° 58'.7	11° 24'.1	4.7	3.7	10.7	8.5	16.7	13.2
48	11° 57'.0	11° 59'.0	11° 24'.3	4.8	3.8	10.8	8.6	16.8	13.3
49	11° 57'.2	11° 59'.2	11° 24'.6	4.9	3.9	10.9	8.6	16.9	13.4
50	11° 57'.5	11° 59'.5	11° 24'.8	5.0	4.0	11.0	8.7	17.0	13.5
51	11° 57'.8	11° 59'.7	11° 25'.1	5.1	4.0	11.1	8.8	17.1	13.5
52	11° 58'.0	12° 00'.0	11° 25'.3	5.2	4.1	11.2	8.9	17.2	13.6
53	11° 58'.3	12° 00'.2	11° 25'.5	5.3	4.2	11.3	8.9	17.3	13.7
54	11° 58'.5	12° 00'.5	11° 25'.8	5.4	4.3	11.4	9.0	17.4	13.8
55	11° 58'.7	12° 00'.7	11° 26'.0	5.5	4.4	11.5	9.1	17.5	13.9
56	11° 59'.0	12° 01'.0	11° 26'.2	5.6	4.4	11.6	9.2	17.6	13.9
57	11° 59'.3	12° 01'.2	11° 26'.5	5.7	4.5	11.7	9.3	17.7	14.0
58	11° 59'.5	12° 01'.5	11° 26'.7	5.8	4.6	11.8	9.3	17.8	14.1
59	11° 59'.7	12° 01'.7	11° 27'.0	5.9	4.7	11.9	9.4	17.9	14.2
60	12° 00'.0	12° 02'.0	11° 27'.2	6.0	4.8	12.0	9.5	18.0	14.3

48m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	12° 00'.0	12° 02'.0	11° 27'.2	0.0	0.0	6.0	4.9	12.0	9.7
01	12° 00'.3	12° 02'.3	11° 27'.4	0.1	0.1	6.1	4.9	12.1	9.8
02	12° 00'.5	12° 02'.5	11° 27'.7	0.2	0.2	6.2	5.0	12.2	9.9
03	12° 00'.7	12° 02'.8	11° 27'.9	0.3	0.2	6.3	5.1	12.3	9.9
04	12° 01'.0	12° 03'.0	11° 28'.2	0.4	0.3	6.4	5.2	12.4	10.0
05	12° 01'.2	12° 03'.3	11° 28'.4	0.5	0.4	6.5	5.3	12.5	10.1
06	12° 01'.5	12° 03'.5	11° 28'.6	0.6	0.5	6.6	5.3	12.6	10.2
07	12° 01'.8	12° 03'.8	11° 28'.9	0.7	0.6	6.7	5.4	12.7	10.3
08	12° 02'.0	12° 04'.0	11° 29'.1	0.8	0.6	6.8	5.5	12.8	10.3
09	12° 02'.2	12° 04'.3	11° 29'.3	0.9	0.7	6.9	5.6	12.9	10.4
10	12° 02'.5	12° 04'.5	11° 29'.6	1.0	0.8	7.0	5.7	13.0	10.5
11	12° 02'.8	12° 04'.8	11° 29'.8	1.1	0.9	7.1	5.7	13.1	10.6
12	12° 03'.0	12° 05'.0	11° 30'.1	1.2	1.0	7.2	5.8	13.2	10.7
13	12° 03'.2	12° 05'.3	11° 30'.3	1.3	1.1	7.3	5.9	13.3	10.8
14	12° 03'.5	12° 05'.5	11° 30'.5	1.4	1.1	7.4	6.0	13.4	10.8
15	12° 03'.7	12° 05'.8	11° 30'.8	1.5	1.2	7.5	6.1	13.5	10.9
16	12° 04'.0	12° 06'.0	11° 31'.0	1.6	1.3	7.6	6.1	13.6	11.0
17	12° 04'.3	12° 06'.3	11° 31'.3	1.7	1.4	7.7	6.2	13.7	11.1
18	12° 04'.5	12° 06'.5	11° 31'.5	1.8	1.5	7.8	6.3	13.8	11.2
19	12° 04'.7	12° 06'.8	11° 31'.7	1.9	1.5	7.9	6.4	13.9	11.2
20	12° 05'.0	12° 07'.0	11° 32'.0	2.0	1.6	8.0	6.5	14.0	11.3
21	12° 05'.3	12° 07'.3	11° 32'.2	2.1	1.7	8.1	6.5	14.1	11.4
22	12° 05'.5	12° 07'.5	11° 32'.4	2.2	1.8	8.2	6.6	14.2	11.5
23	12° 05'.7	12° 07'.8	11° 32'.7	2.3	1.9	8.3	6.7	14.3	11.6
24	12° 06'.0	12° 08'.0	11° 32'.9	2.4	1.9	8.4	6.8	14.4	11.6
25	12° 06'.3	12° 08'.3	11° 33'.2	2.5	2.0	8.5	6.9	14.5	11.7
26	12° 06'.5	12° 08'.5	11° 33'.4	2.6	2.1	8.6	7.0	14.6	11.8
27	12° 06'.8	12° 08'.8	11° 33'.6	2.7	2.2	8.7	7.0	14.7	11.9
28	12° 07'.0	12° 09'.0	11° 33'.9	2.8	2.3	8.8	7.1	14.8	12.0
29	12° 07'.2	12° 09'.3	11° 34'.1	2.9	2.3	8.9	7.2	14.9	12.0
30	12° 07'.5	12° 09'.5	11° 34'.4	3.0	2.4	9.0	7.3	15.0	12.1
31	12° 07'.8	12° 09'.8	11° 34'.6	3.1	2.5	9.1	7.4	15.1	12.2
32	12° 08'.0	12° 10'.0	11° 34'.8	3.2	2.6	9.2	7.4	15.2	12.3
33	12° 08'.2	12° 10'.3	11° 35'.1	3.3	2.7	9.3	7.5	15.3	12.4
34	12° 08'.5	12° 10'.5	11° 35'.3	3.4	2.7	9.4	7.6	15.4	12.4
35	12° 08'.8	12° 10'.8	11° 35'.6	3.5	2.8	9.5	7.7	15.5	12.5
36	12° 09'.0	12° 11'.0	11° 35'.8	3.6	2.9	9.6	7.8	15.6	12.6
37	12° 09'.2	12° 11'.3	11° 36'.0	3.7	3.0	9.7	7.8	15.7	12.7
38	12° 09'.5	12° 11'.5	11° 36'.3	3.8	3.1	9.8	7.9	15.8	12.8
39	12° 09'.7	12° 11'.8	11° 36'.5	3.9	3.2	9.9	8.0	15.9	12.9
40	12° 10'.0	12° 12'.0	11° 36'.7	4.0	3.2	10.0	8.1	16.0	12.9
41	12° 10'.3	12° 12'.3	11° 37'.0	4.1	3.3	10.1	8.2	16.1	13.0
42	12° 10'.5	12° 12'.5	11° 37'.2	4.2	3.4	10.2	8.2	16.2	13.1
43	12° 10'.7	12° 12'.8	11° 37'.5	4.3	3.5	10.3	8.3	16.3	13.2
44	12° 11'.0	12° 13'.0	11° 37'.7	4.4	3.6	10.4	8.4	16.4	13.3
45	12° 11'.3	12° 13'.3	11° 37'.9	4.5	3.6	10.5	8.5	16.5	13.3
46	12° 11'.5	12° 13'.5	11° 38'.2	4.6	3.7	10.6	8.6	16.6	13.4
47	12° 11'.7	12° 13'.8	11° 38'.4	4.7	3.8	10.7	8.6	16.7	13.5
48	12° 12'.0	12° 14'.0	11° 38'.7	4.8	3.9	10.8	8.7	16.8	13.6
49	12° 12'.2	12° 14'.3	11° 38'.9	4.9	4.0	10.9	8.8	16.9	13.7
50	12° 12'.5	12° 14'.5	11° 39'.1	5.0	4.0	11.0	8.9	17.0	13.7
51	12° 12'.8	12° 14'.8	11° 39'.4	5.1	4.1	11.1	9.0	17.1	13.8
52	12° 13'.0	12° 15'.0	11° 39'.6	5.2	4.2	11.2	9.1	17.2	13.9
53	12° 13'.2	12° 15'.3	11° 39'.8	5.3	4.3	11.3	9.1	17.3	14.0
54	12° 13'.5	12° 15'.5	11° 40'.1	5.4	4.4	11.4	9.2	17.4	14.1
55	12° 13'.8	12° 15'.8	11° 40'.3	5.5	4.4	11.5	9.3	17.5	14.1
56	12° 14'.0	12° 16'.0	11° 40'.6	5.6	4.5	11.6	9.4	17.6	14.2
57	12° 14'.2	12° 16'.3	11° 40'.8	5.7	4.6	11.7	9.5	17.7	14.3
58	12° 14'.5	12° 16'.5	11° 41'.0	5.8	4.7	11.8	9.5	17.8	14.4
59	12° 14'.8	12° 16'.8	11° 41'.3	5.9	4.8	11.9	9.6	17.9	14.5
60	12° 15'.0	12° 17'.0	11° 41'.5	6.0	4.9	12.0	9.7	18.0	14.6

49m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	12° 15'.0	12° 17'.0	11° 41'.5	0.0	0.0	6.0	5.0	12.0	9.9
01	12° 15'.3	12° 17'.3	11° 41'.8	0.1	0.1	6.1	5.0	12.1	10.0
02	12° 15'.5	12° 17'.5	11° 42'.0	0.2	0.2	6.2	5.1	12.2	10.1
03	12° 15'.7	12° 17'.8	11° 42'.2	0.3	0.2	6.3	5.2	12.3	10.1
04	12° 16'.0	12° 18'.0	11° 42'.5	0.4	0.3	6.4	5.3	12.4	10.2
05	12° 16'.3	12° 18'.3	11° 42'.7	0.5	0.4	6.5	5.4	12.5	10.3
06	12° 16'.5	12° 18'.5	11° 42'.9	0.6	0.5	6.6	5.4	12.6	10.4
07	12° 16'.7	12° 18'.8	11° 43'.2	0.7	0.6	6.7	5.5	12.7	10.5
08	12° 17'.0	12° 19'.0	11° 43'.4	0.8	0.7	6.8	5.6	12.8	10.6
09	12° 17'.3	12° 19'.3	11° 43'.7	0.9	0.7	6.9	5.7	12.9	10.6
10	12° 17'.5	12° 19'.5	11° 43'.9	1.0	0.8	7.0	5.8	13.0	10.7
11	12° 17'.8	12° 19'.8	11° 44'.1	1.1	0.9	7.1	5.9	13.1	10.8
12	12° 18'.0	12° 20'.0	11° 44'.4	1.2	1.0	7.2	5.9	13.2	10.9
13	12° 18'.2	12° 20'.3	11° 44'.6	1.3	1.1	7.3	6.0	13.3	11.0
14	12° 18'.5	12° 20'.6	11° 44'.9	1.4	1.2	7.4	6.1	13.4	11.1
15	12° 18'.8	12° 20'.8	11° 45'.1	1.5	1.2	7.5	6.2	13.5	11.1
16	12° 19'.0	12° 21'.1	11° 45'.3	1.6	1.3	7.6	6.3	13.6	11.2
17	12° 19'.2	12° 21'.3	11° 45'.6	1.7	1.4	7.7	6.4	13.7	11.3
18	12° 19'.5	12° 21'.6	11° 45'.8	1.8	1.5	7.8	6.4	13.8	11.4
19	12° 19'.8	12° 21'.8	11° 46'.1	1.9	1.6	7.9	6.5	13.9	11.5
20	12° 20'.0	12° 22'.1	11° 46'.3	2.0	1.7	8.0	6.6	14.0	11.6
21	12° 20'.2	12° 22'.3	11° 46'.5	2.1	1.7	8.1	6.7	14.1	11.6
22	12° 20'.5	12° 22'.6	11° 46'.8	2.2	1.8	8.2	6.8	14.2	11.7
23	12° 20'.7	12° 22'.8	11° 47'.0	2.3	1.9	8.3	6.8	14.3	11.8
24	12° 21'.0	12° 23'.1	11° 47'.2	2.4	2.0	8.4	6.9	14.4	11.9
25	12° 21'.3	12° 23'.3	11° 47'.5	2.5	2.1	8.5	7.0	14.5	12.0
26	12° 21'.5	12° 23'.6	11° 47'.7	2.6	2.1	8.6	7.1	14.6	12.0
27	12° 21'.7	12° 23'.8	11° 48'.0	2.7	2.2	8.7	7.2	14.7	12.1
28	12° 22'.0	12° 24'.1	11° 48'.2	2.8	2.3	8.8	7.3	14.8	12.2
29	12° 22'.3	12° 24'.3	11° 48'.4	2.9	2.4	8.9	7.3	14.9	12.3
30	12° 22'.5	12° 24'.6	11° 48'.7	3.0	2.5	9.0	7.4	15.0	12.4
31	12° 22'.7	12° 24'.8	11° 48'.9	3.1	2.6	9.1	7.5	15.1	12.5
32	12° 23'.0	12° 25'.1	11° 49'.2	3.2	2.6	9.2	7.6	15.2	12.5
33	12° 23'.3	12° 25'.3	11° 49'.4	3.3	2.7	9.3	7.7	15.3	12.6
34	12° 23'.5	12° 25'.6	11° 49'.6	3.4	2.8	9.4	7.8	15.4	12.7
35	12° 23'.8	12° 25'.8	11° 49'.9	3.5	2.9	9.5	7.8	15.5	12.8
36	12° 24'.0	12° 26'.1	11° 50'.1	3.6	3.0	9.6	7.9	15.6	12.9
37	12° 24'.2	12° 26'.3	11° 50'.3	3.7	3.1	9.7	8.0	15.7	13.0
38	12° 24'.5	12° 26'.6	11° 50'.6	3.8	3.1	9.8	8.1	15.8	13.0
39	12° 24'.8	12° 26'.8	11° 50'.8	3.9	3.2	9.9	8.2	15.9	13.1
40	12° 25'.0	12° 27'.1	11° 51'.1	4.0	3.3	10.0	8.3	16.0	13.2
41	12° 25'.2	12° 27'.3	11° 51'.3	4.1	3.4	10.1	8.3	16.1	13.3
42	12° 25'.5	12° 27'.6	11° 51'.5	4.2	3.5	10.2	8.4	16.2	13.4
43	12° 25'.8	12° 27'.8	11° 51'.8	4.3	3.5	10.3	8.5	16.3	13.4
44	12° 26'.0	12° 28'.1	11° 52'.0	4.4	3.6	10.4	8.6	16.4	13.5
45	12° 26'.3	12° 28'.3	11° 52'.3	4.5	3.7	10.5	8.7	16.5	13.6
46	12° 26'.5	12° 28'.6	11° 52'.5	4.6	3.8	10.6	8.7	16.6	13.7
47	12° 26'.7	12° 28'.8	11° 52'.7	4.7	3.9	10.7	8.8	16.7	13.8
48	12° 27'.0	12° 29'.1	11° 53'.0	4.8	4.0	10.8	8.9	16.8	13.9
49	12° 27'.3	12° 29'.3	11° 53'.2	4.9	4.0	10.9	9.0	16.9	13.9
50	12° 27'.5	12° 29'.6	11° 53'.4	5.0	4.1	11.0	9.1	17.0	14.0
51	12° 27'.7	12° 29'.8	11° 53'.7	5.1	4.2	11.1	9.2	17.1	14.1
52	12° 28'.0	12° 30'.1	11° 53'.9	5.2	4.3	11.2	9.2	17.2	14.2
53	12° 28'.3	12° 30'.3	11° 54'.2	5.3	4.4	11.3	9.3	17.3	14.3
54	12° 28'.5	12° 30'.6	11° 54'.4	5.4	4.5	11.4	9.4	17.4	14.4
55	12° 28'.7	12° 30'.8	11° 54'.6	5.5	4.5	11.5	9.5	17.5	14.4
56	12° 29'.0	12° 31'.1	11° 54'.9	5.6	4.6	11.6	9.6	17.6	14.5
57	12° 29'.2	12° 31'.3	11° 55'.1	5.7	4.7	11.7	9.7	17.7	14.6
58	12° 29'.5	12° 31'.6	11° 55'.4	5.8	4.8	11.8	9.7	17.8	14.7
59	12° 29'.8	12° 31'.8	11° 55'.6	5.9	4.9	11.9	9.8	17.9	14.8
60	12° 30'.0	12° 32'.1	11° 55'.8	6.0	5.0	12.0	9.9	18.0	14.9

INCREMENTS AND CORRECTIONS

50m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	12° 30'.0	12° 32'.1	11° 55'.8	0.0	0.0	6.0	5.1	12.0	10.1
01	12° 30'.2	12° 32'.3	11° 56'.1	0.1	0.1	6.1	5.1	12.1	10.2
02	12° 30'.5	12° 32'.6	11° 56'.3	0.2	0.2	6.2	5.2	12.2	10.3
03	12° 30'.8	12° 32'.8	11° 56'.5	0.3	0.3	6.3	5.3	12.3	10.4
04	12° 31'.0	12° 33'.1	11° 56'.8	0.4	0.3	6.4	5.4	12.4	10.4
05	12° 31'.2	12° 33'.3	11° 57'.0	0.5	0.4	6.5	5.5	12.5	10.5
06	12° 31'.5	12° 33'.6	11° 57'.3	0.6	0.5	6.6	5.6	12.6	10.6
07	12° 31'.8	12° 33'.8	11° 57'.5	0.7	0.6	6.7	5.6	12.7	10.7
08	12° 32'.0	12° 34'.1	11° 57'.7	0.8	0.7	6.8	5.7	12.8	10.8
09	12° 32'.3	12° 34'.3	11° 58'.0	0.9	0.8	6.9	5.8	12.9	10.9
10	12° 32'.5	12° 34'.6	11° 58'.2	1.0	0.8	7.0	5.9	13.0	10.9
11	12° 32'.7	12° 34'.8	11° 58'.5	1.1	0.9	7.1	6.0	13.1	11.0
12	12° 33'.0	12° 35'.1	11° 58'.7	1.2	1.0	7.2	6.1	13.2	11.1
13	12° 33'.3	12° 35'.3	11° 58'.9	1.3	1.1	7.3	6.1	13.3	11.2
14	12° 33'.5	12° 35'.6	11° 59'.2	1.4	1.2	7.4	6.2	13.4	11.3
15	12° 33'.7	12° 35'.8	11° 59'.4	1.5	1.3	7.5	6.3	13.5	11.4
16	12° 34'.0	12° 36'.1	11° 59'.7	1.6	1.3	7.6	6.4	13.6	11.4
17	12° 34'.3	12° 36'.3	11° 59'.9	1.7	1.4	7.7	6.5	13.7	11.5
18	12° 34'.5	12° 36'.6	12° 00'.1	1.8	1.5	7.8	6.6	13.8	11.6
19	12° 34'.8	12° 36'.8	12° 00'.4	1.9	1.6	7.9	6.6	13.9	11.7
20	12° 35'.0	12° 37'.1	12° 00'.6	2.0	1.7	8.0	6.7	14.0	11.8
21	12° 35'.2	12° 37'.3	12° 00'.8	2.1	1.8	8.1	6.8	14.1	11.9
22	12° 35'.5	12° 37'.6	12° 01'.1	2.2	1.9	8.2	6.9	14.2	12.0
23	12° 35'.8	12° 37'.8	12° 01'.3	2.3	1.9	8.3	7.0	14.3	12.0
24	12° 36'.0	12° 38'.1	12° 01'.6	2.4	2.0	8.4	7.1	14.4	12.1
25	12° 36'.2	12° 38'.4	12° 01'.8	2.5	2.1	8.5	7.2	14.5	12.2
26	12° 36'.5	12° 38'.6	12° 02'.0	2.6	2.2	8.6	7.2	14.6	12.3
27	12° 36'.8	12° 38'.9	12° 02'.3	2.7	2.3	8.7	7.3	14.7	12.4
28	12° 37'.0	12° 39'.1	12° 02'.5	2.8	2.4	8.8	7.4	14.8	12.5
29	12° 37'.2	12° 39'.4	12° 02'.8	2.9	2.4	8.9	7.5	14.9	12.5
30	12° 37'.5	12° 39'.6	12° 03'.0	3.0	2.5	9.0	7.6	15.0	12.6
31	12° 37'.7	12° 39'.9	12° 03'.2	3.1	2.6	9.1	7.7	15.1	12.7
32	12° 38'.0	12° 40'.1	12° 03'.5	3.2	2.7	9.2	7.7	15.2	12.8
33	12° 38'.3	12° 40'.4	12° 03'.7	3.3	2.8	9.3	7.8	15.3	12.9
34	12° 38'.5	12° 40'.6	12° 03'.9	3.4	2.9	9.4	7.9	15.4	13.0
35	12° 38'.7	12° 40'.9	12° 04'.2	3.5	2.9	9.5	8.0	15.5	13.0
36	12° 39'.0	12° 41'.1	12° 04'.4	3.6	3.0	9.6	8.1	15.6	13.1
37	12° 39'.3	12° 41'.4	12° 04'.7	3.7	3.1	9.7	8.2	15.7	13.2
38	12° 39'.5	12° 41'.6	12° 04'.9	3.8	3.2	9.8	8.2	15.8	13.3
39	12° 39'.7	12° 41'.9	12° 05'.1	3.9	3.3	9.9	8.3	15.9	13.4
40	12° 40'.0	12° 42'.1	12° 05'.4	4.0	3.4	10.0	8.4	16.0	13.5
41	12° 40'.3	12° 42'.4	12° 05'.6	4.1	3.5	10.1	8.5	16.1	13.6
42	12° 40'.5	12° 42'.6	12° 05'.9	4.2	3.5	10.2	8.6	16.2	13.6
43	12° 40'.8	12° 42'.9	12° 06'.1	4.3	3.6	10.3	8.7	16.3	13.7
44	12° 41'.0	12° 43'.1	12° 06'.3	4.4	3.7	10.4	8.8	16.4	13.8
45	12° 41'.2	12° 43'.4	12° 06'.6	4.5	3.8	10.5	8.8	16.5	13.9
46	12° 41'.5	12° 43'.6	12° 06'.8	4.6	3.9	10.6	8.9	16.6	14.0
47	12° 41'.8	12° 43'.9	12° 07'.0	4.7	4.0	10.7	9.0	16.7	14.1
48	12° 42'.0	12° 44'.1	12° 07'.3	4.8	4.0	10.8	9.1	16.8	14.1
49	12° 42'.2	12° 44'.4	12° 07'.5	4.9	4.1	10.9	9.2	16.9	14.2
50	12° 42'.5	12° 44'.6	12° 07'.8	5.0	4.2	11.0	9.3	17.0	14.3
51	12° 42'.8	12° 44'.9	12° 08'.0	5.1	4.3	11.1	9.3	17.1	14.4
52	12° 43'.0	12° 45'.1	12° 08'.2	5.2	4.4	11.2	9.4	17.2	14.5
53	12° 43'.3	12° 45'.4	12° 08'.5	5.3	4.5	11.3	9.5	17.3	14.6
54	12° 43'.5	12° 45'.6	12° 08'.7	5.4	4.5	11.4	9.6	17.4	14.6
55	12° 43'.7	12° 45'.9	12° 09'.0	5.5	4.6	11.5	9.7	17.5	14.7
56	12° 44'.0	12° 46'.1	12° 09'.2	5.6	4.7	11.6	9.8	17.6	14.8
57	12° 44'.3	12° 46'.4	12° 09'.4	5.7	4.8	11.7	9.8	17.7	14.9
58	12° 44'.5	12° 46'.6	12° 09'.7	5.8	4.9	11.8	9.9	17.8	15.0
59	12° 44'.7	12° 46'.9	12° 09'.9	5.9	5.0	11.9	10.0	17.9	15.1
60	12° 45'.0	12° 47'.1	12° 10'.2	6.0	5.1	12.0	10.1	18.0	15.2

51m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	12° 45'.0	12° 47'.1	12° 10'.2	0.0	0.0	6.0	5.2	12.0	10.3
01	12° 45'.3	12° 47'.4	12° 10'.4	0.1	0.1	6.1	5.2	12.1	10.4
02	12° 45'.5	12° 47'.6	12° 10'.6	0.2	0.2	6.2	5.3	12.2	10.5
03	12° 45'.7	12° 47'.9	12° 10'.9	0.3	0.3	6.3	5.4	12.3	10.6
04	12° 46'.0	12° 48'.1	12° 11'.1	0.4	0.3	6.4	5.5	12.4	10.6
05	12° 46'.2	12° 48'.4	12° 11'.3	0.5	0.4	6.5	5.6	12.5	10.7
06	12° 46'.5	12° 48'.6	12° 11'.6	0.6	0.5	6.6	5.7	12.6	10.8
07	12° 46'.8	12° 48'.9	12° 11'.8	0.7	0.6	6.7	5.8	12.7	10.9
08	12° 47'.0	12° 49'.1	12° 12'.1	0.8	0.7	6.8	5.8	12.8	11.0
09	12° 47'.2	12° 49'.4	12° 12'.3	0.9	0.8	6.9	5.9	12.9	11.1
10	12° 47'.5	12° 49'.6	12° 12'.5	1.0	0.9	7.0	6.0	13.0	11.2
11	12° 47'.8	12° 49'.9	12° 12'.8	1.1	0.9	7.1	6.1	13.1	11.2
12	12° 48'.0	12° 50'.1	12° 13'.0	1.2	1.0	7.2	6.2	13.2	11.3
13	12° 48'.2	12° 50'.4	12° 13'.3	1.3	1.1	7.3	6.3	13.3	11.4
14	12° 48'.5	12° 50'.6	12° 13'.5	1.4	1.2	7.4	6.4	13.4	11.5
15	12° 48'.8	12° 50'.9	12° 13'.7	1.5	1.3	7.5	6.4	13.5	11.6
16	12° 49'.0	12° 51'.1	12° 14'.0	1.6	1.4	7.6	6.5	13.6	11.7
17	12° 49'.3	12° 51'.4	12° 14'.2	1.7	1.5	7.7	6.6	13.7	11.8
18	12° 49'.5	12° 51'.6	12° 14'.4	1.8	1.5	7.8	6.7	13.8	11.8
19	12° 49'.7	12° 51'.9	12° 14'.7	1.9	1.6	7.9	6.8	13.9	11.9
20	12° 50'.0	12° 52'.1	12° 14'.9	2.0	1.7	8.0	6.9	14.0	12.0
21	12° 50'.3	12° 52'.4	12° 15'.2	2.1	1.8	8.1	7.0	14.1	12.1
22	12° 50'.5	12° 52'.6	12° 15'.4	2.2	1.9	8.2	7.0	14.2	12.2
23	12° 50'.7	12° 52'.9	12° 15'.6	2.3	2.0	8.3	7.1	14.3	12.3
24	12° 51'.0	12° 53'.1	12° 15'.9	2.4	2.1	8.4	7.2	14.4	12.4
25	12° 51'.3	12° 53'.4	12° 16'.1	2.5	2.1	8.5	7.3	14.5	12.4
26	12° 51'.5	12° 53'.6	12° 16'.4	2.6	2.2	8.6	7.4	14.6	12.5
27	12° 51'.8	12° 53'.9	12° 16'.6	2.7	2.3	8.7	7.5	14.7	12.6
28	12° 52'.0	12° 54'.1	12° 16'.8	2.8	2.4	8.8	7.6	14.8	12.7
29	12° 52'.2	12° 54'.4	12° 17'.1	2.9	2.5	8.9	7.6	14.9	12.8
30	12° 52'.5	12° 54'.6	12° 17'.3	3.0	2.6	9.0	7.7	15.0	12.9
31	12° 52'.8	12° 54'.9	12° 17'.5	3.1	2.7	9.1	7.8	15.1	13.0
32	12° 53'.0	12° 55'.1	12° 17'.8	3.2	2.7	9.2	7.9	15.2	13.0
33	12° 53'.2	12° 55'.4	12° 18'.0	3.3	2.8	9.3	8.0	15.3	13.1
34	12° 53'.5	12° 55'.6	12° 18'.3	3.4	2.9	9.4	8.1	15.4	13.2
35	12° 53'.8	12° 55'.9	12° 18'.5	3.5	3.0	9.5	8.2	15.5	13.3
36	12° 54'.0	12° 56'.2	12° 18'.7	3.6	3.1	9.6	8.2	15.6	13.4
37	12° 54'.2	12° 56'.4	12° 19'.0	3.7	3.2	9.7	8.3	15.7	13.5
38	12° 54'.5	12° 56'.7	12° 19'.2	3.8	3.3	9.8	8.4	15.8	13.6
39	12° 54'.7	12° 56'.9	12° 19'.5	3.9	3.3	9.9	8.5	15.9	13.6
40	12° 55'.0	12° 57'.2	12° 19'.7	4.0	3.4	10.0	8.6	16.0	13.7
41	12° 55'.3	12° 57'.4	12° 19'.9	4.1	3.5	10.1	8.7	16.1	13.8
42	12° 55'.5	12° 57'.7	12° 20'.2	4.2	3.6	10.2	8.8	16.2	13.9
43	12° 55'.7	12° 57'.9	12° 20'.4	4.3	3.7	10.3	8.8	16.3	14.0
44	12° 56'.0	12° 58'.2	12° 20'.6	4.4	3.8	10.4	8.9	16.4	14.1
45	12° 56'.3	12° 58'.4	12° 20'.9	4.5	3.9	10.5	9.0	16.5	14.2
46	12° 56'.5	12° 58'.7	12° 21'.1	4.6	3.9	10.6	9.1	16.6	14.2
47	12° 56'.7	12° 58'.9	12° 21'.4	4.7	4.0	10.7	9.2	16.7	14.3
48	12° 57'.0	12° 59'.2	12° 21'.6	4.8	4.1	10.8	9.3	16.8	14.4
49	12° 57'.2	12° 59'.4	12° 21'.8	4.9	4.2	10.9	9.4	16.9	14.5
50	12° 57'.5	12° 59'.7	12° 22'.1	5.0	4.3	11.0	9.4	17.0	14.6
51	12° 57'.8	12° 59'.9	12° 22'.3	5.1	4.4	11.1	9.5	17.1	14.7
52	12° 58'.0	13° 00'.2	12° 22'.6	5.2	4.5	11.2	9.6	17.2	14.8
53	12° 58'.2	13° 00'.4	12° 22'.8	5.3	4.5	11.3	9.7	17.3	14.8
54	12° 58'.5	13° 00'.7	12° 23'.0	5.4	4.6	11.4	9.8	17.4	14.9
55	12° 58'.8	13° 00'.9	12° 23'.3	5.5	4.7	11.5	9.9	17.5	15.0
56	12° 59'.0	13° 01'.2	12° 23'.5	5.6	4.8	11.6	10.0	17.6	15.1
57	12° 59'.2	13° 01'.4	12° 23'.8	5.7	4.9	11.7	10.0	17.7	15.2
58	12° 59'.5	13° 01'.7	12° 24'.0	5.8	5.0	11.8	10.1	17.8	15.3
59	12° 59'.8	13° 01'.9	12° 24'.2	5.9	5.1	11.9	10.2	17.9	15.4
60	13° 00'.0	13° 02'.2	12° 24'.5	6.0	5.2	12.0	10.3	18.0	15.5

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	13° 00'.0	13° 02'.2	12° 24'.5	0.0	0.0	6.0	5.3	12.0	10.5
01	13° 00'.3	13° 02'.4	12° 24'.7	0.1	0.1	6.1	5.3	12.1	10.6
02	13° 00'.5	13° 02'.7	12° 24'.9	0.2	0.2	6.2	5.4	12.2	10.7
03	13° 00'.7	13° 02'.9	12° 25'.2	0.3	0.3	6.3	5.5	12.3	10.8
04	13° 01'.0	13° 03'.2	12° 25'.4	0.4	0.4	6.4	5.6	12.4	10.9
05	13° 01'.3	13° 03'.4	12° 25'.7	0.5	0.4	6.5	5.7	12.5	10.9
06	13° 01'.5	13° 03'.7	12° 25'.9	0.6	0.5	6.6	5.8	12.6	11.0
07	13° 01'.7	13° 03'.9	12° 26'.1	0.7	0.6	6.7	5.9	12.7	11.1
08	13° 02'.0	13° 04'.2	12° 26'.4	0.8	0.7	6.8	6.0	12.8	11.2
09	13° 02'.3	13° 04'.4	12° 26'.6	0.9	0.8	6.9	6.0	12.9	11.3
10	13° 02'.5	13° 04'.7	12° 26'.9	1.0	0.9	7.0	6.1	13.0	11.4
11	13° 02'.7	13° 04'.9	12° 27'.1	1.1	1.0	7.1	6.2	13.1	11.5
12	13° 03'.0	13° 05'.2	12° 27'.3	1.2	1.1	7.2	6.3	13.2	11.6
13	13° 03'.2	13° 05'.4	12° 27'.6	1.3	1.1	7.3	6.4	13.3	11.6
14	13° 03'.5	13° 05'.7	12° 27'.8	1.4	1.2	7.4	6.5	13.4	11.7
15	13° 03'.8	13° 05'.9	12° 28'.0	1.5	1.3	7.5	6.6	13.5	11.8
16	13° 04'.0	13° 06'.2	12° 28'.3	1.6	1.4	7.6	6.7	13.6	11.9
17	13° 04'.2	13° 06'.4	12° 28'.5	1.7	1.5	7.7	6.7	13.7	12.0
18	13° 04'.5	13° 06'.7	12° 28'.8	1.8	1.6	7.8	6.8	13.8	12.1
19	13° 04'.8	13° 06'.9	12° 29'.0	1.9	1.7	7.9	6.9	13.9	12.2
20	13° 05'.0	13° 07'.2	12° 29'.2	2.0	1.8	8.0	7.0	14.0	12.3
21	13° 05'.2	13° 07'.4	12° 29'.5	2.1	1.8	8.1	7.1	14.1	12.3
22	13° 05'.5	13° 07'.7	12° 29'.7	2.2	1.9	8.2	7.2	14.2	12.4
23	13° 05'.7	13° 07'.9	12° 30'.0	2.3	2.0	8.3	7.3	14.3	12.5
24	13° 06'.0	13° 08'.2	12° 30'.2	2.4	2.1	8.4	7.3	14.4	12.6
25	13° 06'.3	13° 08'.4	12° 30'.4	2.5	2.2	8.5	7.4	14.5	12.7
26	13° 06'.5	13° 08'.7	12° 30'.7	2.6	2.3	8.6	7.5	14.6	12.8
27	13° 06'.7	13° 08'.9	12° 30'.9	2.7	2.4	8.7	7.6	14.7	12.9
28	13° 07'.0	13° 09'.2	12° 31'.1	2.8	2.5	8.8	7.7	14.8	13.0
29	13° 07'.3	13° 09'.4	12° 31'.4	2.9	2.5	8.9	7.8	14.9	13.0
30	13° 07'.5	13° 09'.7	12° 31'.6	3.0	2.6	9.0	7.9	15.0	13.1
31	13° 07'.7	13° 09'.9	12° 31'.9	3.1	2.7	9.1	8.0	15.1	13.2
32	13° 08'.0	13° 10'.2	12° 32'.1	3.2	2.8	9.2	8.1	15.2	13.3
33	13° 08'.3	13° 10'.4	12° 32'.3	3.3	2.9	9.3	8.1	15.3	13.4
34	13° 08'.5	13° 10'.7	12° 32'.6	3.4	3.0	9.4	8.2	15.4	13.5
35	13° 08'.8	13° 10'.9	12° 32'.8	3.5	3.1	9.5	8.3	15.5	13.6
36	13° 09'.0	13° 11'.2	12° 33'.1	3.6	3.2	9.6	8.4	15.6	13.7
37	13° 09'.2	13° 11'.4	12° 33'.3	3.7	3.2	9.7	8.5	15.7	13.7
38	13° 09'.5	13° 11'.7	12° 33'.5	3.8	3.3	9.8	8.6	15.8	13.8
39	13° 09'.8	13° 11'.9	12° 33'.8	3.9	3.4	9.9	8.7	15.9	13.9
40	13° 10'.0	13° 12'.2	12° 34'.0	4.0	3.5	10.0	8.8	16.0	14.0
41	13° 10'.2	13° 12'.4	12° 34'.2	4.1	3.6	10.1	8.8	16.1	14.1
42	13° 10'.5	13° 12'.7	12° 34'.5	4.2	3.7	10.2	8.9	16.2	14.2
43	13° 10'.8	13° 12'.9	12° 34'.7	4.3	3.8	10.3	9.0	16.3	14.3
44	13° 11'.0	13° 13'.2	12° 35'.0	4.4	3.9	10.4	9.1	16.4	14.4
45	13° 11'.2	13° 13'.4	12° 35'.2	4.5	3.9	10.5	9.2	16.5	14.4
46	13° 11'.5	13° 13'.7	12° 35'.4	4.6	4.0	10.6	9.3	16.6	14.5
47	13° 11'.7	13° 13'.9	12° 35'.7	4.7	4.1	10.7	9.4	16.7	14.6
48	13° 12'.0	13° 14'.2	12° 35'.9	4.8	4.2	10.8	9.5	16.8	14.7
49	13° 12'.3	13° 14'.5	12° 36'.2	4.9	4.3	10.9	9.5	16.9	14.8
50	13° 12'.5	13° 14'.7	12° 36'.4	5.0	4.4	11.0	9.6	17.0	14.9
51	13° 12'.7	13° 15'.0	12° 36'.6	5.1	4.5	11.1	9.7	17.1	15.0
52	13° 13'.0	13° 15'.2	12° 36'.9	5.2	4.6	11.2	9.8	17.2	15.1
53	13° 13'.3	13° 15'.5	12° 37'.1	5.3	4.6	11.3	9.9	17.3	15.1
54	13° 13'.5	13° 15'.7	12° 37'.4	5.4	4.7	11.4	10.0	17.4	15.2
55	13° 13'.7	13° 16'.0	12° 37'.6	5.5	4.8	11.5	10.1	17.5	15.3
56	13° 14'.0	13° 16'.2	12° 37'.8	5.6	4.9	11.6	10.2	17.6	15.4
57	13° 14'.2	13° 16'.5	12° 38'.1	5.7	5.0	11.7	10.2	17.7	15.5
58	13° 14'.5	13° 16'.7	12° 38'.3	5.8	5.1	11.8	10.3	17.8	15.6
59	13° 14'.8	13° 17'.0	12° 38'.5	5.9	5.2	11.9	10.4	17.9	15.7
60	13° 15'.0	13° 17'.2	12° 38'.8	6.0	5.3	12.0	10.5	18.0	15.8

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	13° 15'.0	13° 17'.2	12° 38'.8	0.0	0.0	6.0	5.4	12.0	10.7
01	13° 15'.2	13° 17'.5	12° 39'.0	0.1	0.1	6.1	5.4	12.1	10.8
02	13° 15'.5	13° 17'.7	12° 39'.3	0.2	0.2	6.2	5.5	12.2	10.9
03	13° 15'.8	13° 18'.0	12° 39'.5	0.3	0.3	6.3	5.6	12.3	11.0
04	13° 16'.0	13° 18'.2	12° 39'.7	0.4	0.4	6.4	5.7	12.4	11.1
05	13° 16'.2	13° 18'.5	12° 40'.0	0.5	0.4	6.5	5.8	12.5	11.1
06	13° 16'.5	13° 18'.7	12° 40'.2	0.6	0.5	6.6	5.9	12.6	11.2
07	13° 16'.8	13° 19'.0	12° 40'.5	0.7	0.6	6.7	6.0	12.7	11.3
08	13° 17'.0	13° 19'.2	12° 40'.7	0.8	0.7	6.8	6.1	12.8	11.4
09	13° 17'.3	13° 19'.5	12° 40'.9	0.9	0.8	6.9	6.2	12.9	11.5
10	13° 17'.5	13° 19'.7	12° 41'.2	1.0	0.9	7.0	6.2	13.0	11.6
11	13° 17'.7	13° 20'.0	12° 41'.4	1.1	1.0	7.1	6.3	13.1	11.7
12	13° 18'.0	13° 20'.2	12° 41'.6	1.2	1.1	7.2	6.4	13.2	11.8
13	13° 18'.3	13° 20'.5	12° 41'.9	1.3	1.2	7.3	6.5	13.3	11.9
14	13° 18'.5	13° 20'.7	12° 42'.1	1.4	1.2	7.4	6.6	13.4	11.9
15	13° 18'.7	13° 21'.0	12° 42'.4	1.5	1.3	7.5	6.7	13.5	12.0
16	13° 19'.0	13° 21'.2	12° 42'.6	1.6	1.4	7.6	6.8	13.6	12.1
17	13° 19'.3	13° 21'.5	12° 42'.8	1.7	1.5	7.7	6.9	13.7	12.2
18	13° 19'.5	13° 21'.7	12° 43'.1	1.8	1.6	7.8	7.0	13.8	12.3
19	13° 19'.7	13° 22'.0	12° 43'.3	1.9	1.7	7.9	7.0	13.9	12.4
20	13° 20'.0	13° 22'.2	12° 43'.6	2.0	1.8	8.0	7.1	14.0	12.5
21	13° 20'.2	13° 22'.5	12° 43'.8	2.1	1.9	8.1	7.2	14.1	12.6
22	13° 20'.5	13° 22'.7	12° 44'.0	2.2	2.0	8.2	7.3	14.2	12.7
23	13° 20'.8	13° 23'.0	12° 44'.3	2.3	2.1	8.3	7.4	14.3	12.8
24	13° 21'.0	13° 23'.2	12° 44'.5	2.4	2.1	8.4	7.5	14.4	12.8
25	13° 21'.2	13° 23'.5	12° 44'.7	2.5	2.2	8.5	7.6	14.5	12.9
26	13° 21'.5	13° 23'.7	12° 45'.0	2.6	2.3	8.6	7.7	14.6	13.0
27	13° 21'.8	13° 24'.0	12° 45'.2	2.7	2.4	8.7	7.8	14.7	13.1
28	13° 22'.0	13° 24'.2	12° 45'.5	2.8	2.5	8.8	7.8	14.8	13.2
29	13° 22'.2	13° 24'.5	12° 45'.7	2.9	2.6	8.9	7.9	14.9	13.3
30	13° 22'.5	13° 24'.7	12° 45'.9	3.0	2.7	9.0	8.0	15.0	13.4
31	13° 22'.7	13° 25'.0	12° 46'.2	3.1	2.8	9.1	8.1	15.1	13.5
32	13° 23'.0	13° 25'.2	12° 46'.4	3.2	2.9	9.2	8.2	15.2	13.6
33	13° 23'.3	13° 25'.5	12° 46'.7	3.3	2.9	9.3	8.3	15.3	13.6
34	13° 23'.5	13° 25'.7	12° 46'.9	3.4	3.0	9.4	8.4	15.4	13.7
35	13° 23'.7	13° 26'.0	12° 47'.1	3.5	3.1	9.5	8.5	15.5	13.8
36	13° 24'.0	13° 26'.2	12° 47'.4	3.6	3.2	9.6	8.6	15.6	13.9
37	13° 24'.3	13° 26'.5	12° 47'.6	3.7	3.3	9.7	8.6	15.7	14.0
38	13° 24'.5	13° 26'.7	12° 47'.9	3.8	3.4	9.8	8.7	15.8	14.1
39	13° 24'.7	13° 27'.0	12° 48'.1	3.9	3.5	9.9	8.8	15.9	14.2
40	13° 25'.0	13° 27'.2	12° 48'.3	4.0	3.6	10.0	8.9	16.0	14.3
41	13° 25'.3	13° 27'.5	12° 48'.6	4.1	3.7	10.1	9.0	16.1	14.4
42	13° 25'.5	13° 27'.7	12° 48'.8	4.2	3.7	10.2	9.1	16.2	14.4
43	13° 25'.8	13° 28'.0	12° 49'.0	4.3	3.8	10.3	9.2	16.3	14.5
44	13° 26'.0	13° 28'.2	12° 49'.3	4.4	3.9	10.4	9.3	16.4	14.6
45	13° 26'.2	13° 28'.5	12° 49'.5	4.5	4.0	10.5	9.4	16.5	14.7
46	13° 26'.5	13° 28'.7	12° 49'.8	4.6	4.1	10.6	9.5	16.6	14.8
47	13° 26'.8	13° 29'.0	12° 50'.0	4.7	4.2	10.7	9.5	16.7	14.9
48	13° 27'.0	13° 29'.2	12° 50'.2	4.8	4.3	10.8	9.6	16.8	15.0
49	13° 27'.2	13° 29'.5	12° 50'.5	4.9	4.4	10.9	9.7	16.9	15.1
50	13° 27'.5	13° 29'.7	12° 50'.7	5.0	4.5	11.0	9.8	17.0	15.2
51	13° 27'.8	13° 30'.0	12° 51'.0	5.1	4.5	11.1	9.9	17.1	15.2
52	13° 28'.0	13° 30'.2	12° 51'.2	5.2	4.6	11.2	10.0	17.2	15.3
53	13° 28'.2	13° 30'.5	12° 51'.4	5.3	4.7	11.3	10.1	17.3	15.4
54	13° 28'.5	13° 30'.7	12° 51'.7	5.4	4.8	11.4	10.2	17.4	15.5
55	13° 28'.7	13° 31'.0	12° 51'.9	5.5	4.9	11.5	10.3	17.5	15.6
56	13° 29'.0	13° 31'.2	12° 52'.1	5.6	5.0	11.6	10.3	17.6	15.7
57	13° 29'.3	13° 31'.5	12° 52'.4	5.7	5.1	11.7	10.4	17.7	15.8
58	13° 29'.5	13° 31'.7	12° 52'.6	5.8	5.2	11.8	10.5	17.8	15.9
59	13° 29'.7	13° 32'.0	12° 52'.9	5.9	5.3	11.9	10.6	17.9	16.0
60	13° 30'.0	13° 32'.2	12° 53'.1	6.0	5.4	12.0	10.7	18.0	16.1

54^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	13° 30'.0	13° 32'.2	12° 53'.1	0.0	0.0	6.0	5.5	12.0	10.9
01	13° 30'.3	13° 32'.5	12° 53'.3	0.1	0.1	6.1	5.5	12.1	11.0
02	13° 30'.5	13° 32'.8	12° 53'.6	0.2	0.2	6.2	5.6	12.2	11.1
03	13° 30'.7	13° 33'.0	12° 53'.8	0.3	0.3	6.3	5.7	12.3	11.2
04	13° 31'.0	13° 33'.3	12° 54'.1	0.4	0.4	6.4	5.8	12.4	11.3
05	13° 31'.2	13° 33'.5	12° 54'.3	0.5	0.5	6.5	5.9	12.5	11.4
06	13° 31'.5	13° 33'.8	12° 54'.5	0.6	0.5	6.6	6.0	12.6	11.4
07	13° 31'.8	13° 34'.0	12° 54'.8	0.7	0.6	6.7	6.1	12.7	11.5
08	13° 32'.0	13° 34'.3	12° 55'.0	0.8	0.7	6.8	6.2	12.8	11.6
09	13° 32'.2	13° 34'.5	12° 55'.2	0.9	0.8	6.9	6.3	12.9	11.7
10	13° 32'.5	13° 34'.8	12° 55'.5	1.0	0.9	7.0	6.4	13.0	11.8
11	13° 32'.8	13° 35'.0	12° 55'.7	1.1	1.0	7.1	6.4	13.1	11.9
12	13° 33'.0	13° 35'.3	12° 56'.0	1.2	1.1	7.2	6.5	13.2	12.0
13	13° 33'.2	13° 35'.5	12° 56'.2	1.3	1.2	7.3	6.6	13.3	12.1
14	13° 33'.5	13° 35'.8	12° 56'.4	1.4	1.3	7.4	6.7	13.4	12.2
15	13° 33'.8	13° 36'.0	12° 56'.7	1.5	1.4	7.5	6.8	13.5	12.3
16	13° 34'.0	13° 36'.3	12° 56'.9	1.6	1.5	7.6	6.9	13.6	12.4
17	13° 34'.3	13° 36'.5	12° 57'.2	1.7	1.5	7.7	7.0	13.7	12.4
18	13° 34'.5	13° 36'.8	12° 57'.4	1.8	1.6	7.8	7.1	13.8	12.5
19	13° 34'.7	13° 37'.0	12° 57'.6	1.9	1.7	7.9	7.2	13.9	12.6
20	13° 35'.0	13° 37'.3	12° 57'.9	2.0	1.8	8.0	7.3	14.0	12.7
21	13° 35'.3	13° 37'.5	12° 58'.1	2.1	1.9	8.1	7.4	14.1	12.8
22	13° 35'.5	13° 37'.8	12° 58'.3	2.2	2.0	8.2	7.4	14.2	12.9
23	13° 35'.7	13° 38'.0	12° 58'.6	2.3	2.1	8.3	7.5	14.3	13.0
24	13° 36'.0	13° 38'.3	12° 58'.8	2.4	2.2	8.4	7.6	14.4	13.1
25	13° 36'.3	13° 38'.5	12° 59'.1	2.5	2.3	8.5	7.7	14.5	13.2
26	13° 36'.5	13° 38'.8	12° 59'.3	2.6	2.4	8.6	7.8	14.6	13.3
27	13° 36'.8	13° 39'.0	12° 59'.5	2.7	2.5	8.7	7.9	14.7	13.4
28	13° 37'.0	13° 39'.3	12° 59'.8	2.8	2.5	8.8	8.0	14.8	13.4
29	13° 37'.2	13° 39'.5	13° 00'.0	2.9	2.6	8.9	8.1	14.9	13.5
30	13° 37'.5	13° 39'.8	13° 00'.3	3.0	2.7	9.0	8.2	15.0	13.6
31	13° 37'.8	13° 40'.0	13° 00'.5	3.1	2.8	9.1	8.3	15.1	13.7
32	13° 38'.0	13° 40'.3	13° 00'.7	3.2	2.9	9.2	8.4	15.2	13.8
33	13° 38'.2	13° 40'.5	13° 01'.0	3.3	3.0	9.3	8.4	15.3	13.9
34	13° 38'.5	13° 40'.8	13° 01'.2	3.4	3.1	9.4	8.5	15.4	14.0
35	13° 38'.8	13° 41'.0	13° 01'.5	3.5	3.2	9.5	8.6	15.5	14.1
36	13° 39'.0	13° 41'.3	13° 01'.7	3.6	3.3	9.6	8.7	15.6	14.2
37	13° 39'.2	13° 41'.5	13° 01'.9	3.7	3.4	9.7	8.8	15.7	14.3
38	13° 39'.5	13° 41'.8	13° 02'.2	3.8	3.5	9.8	8.9	15.8	14.4
39	13° 39'.7	13° 42'.0	13° 02'.4	3.9	3.5	9.9	9.0	15.9	14.4
40	13° 40'.0	13° 42'.3	13° 02'.6	4.0	3.6	10.0	9.1	16.0	14.5
41	13° 40'.3	13° 42'.5	13° 02'.9	4.1	3.7	10.1	9.2	16.1	14.6
42	13° 40'.5	13° 42'.8	13° 03'.1	4.2	3.8	10.2	9.3	16.2	14.7
43	13° 40'.7	13° 43'.0	13° 03'.4	4.3	3.9	10.3	9.4	16.3	14.8
44	13° 41'.0	13° 43'.3	13° 03'.6	4.4	4.0	10.4	9.4	16.4	14.9
45	13° 41'.3	13° 43'.5	13° 03'.8	4.5	4.1	10.5	9.5	16.5	15.0
46	13° 41'.5	13° 43'.8	13° 04'.1	4.6	4.2	10.6	9.6	16.6	15.1
47	13° 41'.7	13° 44'.0	13° 04'.3	4.7	4.3	10.7	9.7	16.7	15.2
48	13° 42'.0	13° 44'.3	13° 04'.6	4.8	4.4	10.8	9.8	16.8	15.3
49	13° 42'.3	13° 44'.5	13° 04'.8	4.9	4.5	10.9	9.9	16.9	15.4
50	13° 42'.5	13° 44'.8	13° 05'.0	5.0	4.5	11.0	10.0	17.0	15.4
51	13° 42'.8	13° 45'.0	13° 05'.3	5.1	4.6	11.1	10.1	17.1	15.5
52	13° 43'.0	13° 45'.3	13° 05'.5	5.2	4.7	11.2	10.2	17.2	15.6
53	13° 43'.2	13° 45'.5	13° 05'.7	5.3	4.8	11.3	10.3	17.3	15.7
54	13° 43'.5	13° 45'.8	13° 06'.0	5.4	4.9	11.4	10.4	17.4	15.8
55	13° 43'.8	13° 46'.0	13° 06'.2	5.5	5.0	11.5	10.4	17.5	15.9
56	13° 44'.0	13° 46'.3	13° 06'.5	5.6	5.1	11.6	10.5	17.6	16.0
57	13° 44'.2	13° 46'.5	13° 06'.7	5.7	5.2	11.7	10.6	17.7	16.1
58	13° 44'.5	13° 46'.8	13° 06'.9	5.8	5.3	11.8	10.7	17.8	16.2
59	13° 44'.8	13° 47'.0	13° 07'.2	5.9	5.4	11.9	10.8	17.9	16.3
60	13° 45'.0	13° 47'.3	13° 07'.4	6.0	5.5	12.0	10.9	18.0	16.4

55^m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	13° 45'.0	13° 47'.3	13° 07'.4	0.0	0.0	6.0	5.6	12.0	11.1
01	13° 45'.3	13° 47'.5	13° 07'.7	0.1	0.1	6.1	5.6	12.1	11.2
02	13° 45'.5	13° 47'.8	13° 07'.9	0.2	0.2	6.2	5.7	12.2	11.3
03	13° 45'.7	13° 48'.0	13° 08'.1	0.3	0.3	6.3	5.8	12.3	11.4
04	13° 46'.0	13° 48'.3	13° 08'.4	0.4	0.4	6.4	5.9	12.4	11.5
05	13° 46'.3	13° 48'.5	13° 08'.6	0.5	0.5	6.5	6.0	12.5	11.6
06	13° 46'.5	13° 48'.8	13° 08'.8	0.6	0.6	6.6	6.1	12.6	11.7
07	13° 46'.7	13° 49'.0	13° 09'.1	0.7	0.6	6.7	6.2	12.7	11.7
08	13° 47'.0	13° 49'.3	13° 09'.3	0.8	0.7	6.8	6.3	12.8	11.8
09	13° 47'.3	13° 49'.5	13° 09'.6	0.9	0.8	6.9	6.4	12.9	11.9
10	13° 47'.5	13° 49'.8	13° 09'.8	1.0	0.9	7.0	6.5	13.0	12.0
11	13° 47'.7	13° 50'.0	13° 10'.0	1.1	1.0	7.1	6.6	13.1	12.1
12	13° 48'.0	13° 50'.3	13° 10'.3	1.2	1.1	7.2	6.7	13.2	12.2
13	13° 48'.2	13° 50'.6	13° 10'.5	1.3	1.2	7.3	6.8	13.3	12.3
14	13° 48'.5	13° 50'.8	13° 10'.8	1.4	1.3	7.4	6.8	13.4	12.4
15	13° 48'.8	13° 51'.1	13° 11'.0	1.5	1.4	7.5	6.9	13.5	12.5
16	13° 49'.0	13° 51'.3	13° 11'.2	1.6	1.5	7.6	7.0	13.6	12.6
17	13° 49'.2	13° 51'.6	13° 11'.5	1.7	1.6	7.7	7.1	13.7	12.7
18	13° 49'.5	13° 51'.8	13° 11'.7	1.8	1.7	7.8	7.2	13.8	12.8
19	13° 49'.8	13° 52'.1	13° 12'.0	1.9	1.8	7.9	7.3	13.9	12.9
20	13° 50'.0	13° 52'.3	13° 12'.2	2.0	1.9	8.0	7.4	14.0	13.0
21	13° 50'.2	13° 52'.6	13° 12'.4	2.1	1.9	8.1	7.5	14.1	13.0
22	13° 50'.5	13° 52'.8	13° 12'.7	2.2	2.0	8.2	7.6	14.2	13.1
23	13° 50'.8	13° 53'.1	13° 12'.9	2.3	2.1	8.3	7.7	14.3	13.2
24	13° 51'.0	13° 53'.3	13° 13'.1	2.4	2.2	8.4	7.8	14.4	13.3
25	13° 51'.3	13° 53'.6	13° 13'.4	2.5	2.3	8.5	7.9	14.5	13.4
26	13° 51'.5	13° 53'.8	13° 13'.6	2.6	2.4	8.6	8.0	14.6	13.5
27	13° 51'.7	13° 54'.1	13° 13'.9	2.7	2.5	8.7	8.0	14.7	13.6
28	13° 52'.0	13° 54'.3	13° 14'.1	2.8	2.6	8.8	8.1	14.8	13.7
29	13° 52'.3	13° 54'.6	13° 14'.3	2.9	2.7	8.9	8.2	14.9	13.8
30	13° 52'.5	13° 54'.8	13° 14'.6	3.0	2.8	9.0	8.3	15.0	13.9
31	13° 52'.7	13° 55'.1	13° 14'.8	3.1	2.9	9.1	8.4	15.1	14.0
32	13° 53'.0	13° 55'.3	13° 15'.1	3.2	3.0	9.2	8.5	15.2	14.1
33	13° 53'.3	13° 55'.6	13° 15'.3	3.3	3.1	9.3	8.6	15.3	14.2
34	13° 53'.5	13° 55'.8	13° 15'.5	3.4	3.1	9.4	8.7	15.4	14.2
35	13° 53'.8	13° 56'.1	13° 15'.8	3.5	3.2	9.5	8.8	15.5	14.3
36	13° 54'.0	13° 56'.3	13° 16'.0	3.6	3.3	9.6	8.9	15.6	14.4
37	13° 54'.2	13° 56'.6	13° 16'.2	3.7	3.4	9.7	9.0	15.7	14.5
38	13° 54'.5	13° 56'.8	13° 16'.5	3.8	3.5	9.8	9.1	15.8	14.6
39	13° 54'.8	13° 57'.1	13° 16'.7	3.9	3.6	9.9	9.2	15.9	14.7
40	13° 55'.0	13° 57'.3	13° 17'.0	4.0	3.7	10.0	9.3	16.0	14.8
41	13° 55'.2	13° 57'.6	13° 17'.2	4.1	3.8	10.1	9.3	16.1	14.9
42	13° 55'.5	13° 57'.8	13° 17'.4	4.2	3.9	10.2	9.4	16.2	15.0
43	13° 55'.8	13° 58'.1	13° 17'.7	4.3	4.0	10.3	9.5	16.3	15.1
44	13° 56'.0	13° 58'.3	13° 17'.9	4.4	4.1	10.4	9.6	16.4	15.2
45	13° 56'.2	13° 58'.6	13° 18'.2	4.5	4.2	10.5	9.7	16.5	15.3
46	13° 56'.5	13° 58'.8	13° 18'.4	4.6	4.3	10.6	9.8	16.6	15.4
47	13° 56'.7	13° 59'.1	13° 18'.6	4.7	4.3	10.7	9.9	16.7	15.4
48	13° 57'.0	13° 59'.3	13° 18'.9	4.8	4.4	10.8	10.0	16.8	15.5
49	13° 57'.3	13° 59'.6	13° 19'.1	4.9	4.5	10.9	10.1	16.9	15.6
50	13° 57'.5	13° 59'.8	13° 19'.3	5.0	4.6	11.0	10.2	17.0	15.7
51	13° 57'.7	14° 00'.1	13° 19'.6	5.1	4.7	11.1	10.3	17.1	15.8
52	13° 58'.0	14° 00'.3	13° 19'.8	5.2	4.8	11.2	10.4	17.2	15.9
53	13° 58'.3	14° 00'.6	13° 20'.1	5.3	4.9	11.3	10.5	17.3	16.0
54	13° 58'.5	14° 00'.8	13° 20'.3	5.4	5.0	11.4	10.5	17.4	16.1
55	13° 58'.7	14° 01'.1	13° 20'.5	5.5	5.1	11.5	10.6	17.5	16.2
56	13° 59'.0	14° 01'.3	13° 20'.8	5.6	5.2	11.6	10.7	17.6	16.3
57	13° 59'.3	14° 01'.6	13° 21'.0	5.7	5.3	11.7	10.8	17.7	16.4
58	13° 59'.5	14° 01'.8	13° 21'.3	5.8	5.4	11.8	10.9	17.8	16.5
59	13° 59'.8	14° 02'.1	13° 21'.5	5.9	5.5	11.9	11.0	17.9	16.6
60	14° 00'.0	14° 02'.3	13° 21'.7	6.0	5.6	12.0	11.1	18.0	16.7

INCREMENTS AND CORRECTIONS

56m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	14° 00'.0	14° 02'.3	13° 21'.7	0.0	0.0	6.0	5.7	12.0	11.3
01	14° 00'.2	14° 02'.6	13° 22'.0	0.1	0.1	6.1	5.7	12.1	11.4
02	14° 00'.5	14° 02'.8	13° 22'.2	0.2	0.2	6.2	5.8	12.2	11.5
03	14° 00'.8	14° 03'.1	13° 22'.4	0.3	0.3	6.3	5.9	12.3	11.6
04	14° 01'.0	14° 03'.3	13° 22'.7	0.4	0.4	6.4	6.0	12.4	11.7
05	14° 01'.2	14° 03'.6	13° 22'.9	0.5	0.5	6.5	6.1	12.5	11.8
06	14° 01'.5	14° 03'.8	13° 23'.2	0.6	0.6	6.6	6.2	12.6	11.9
07	14° 01'.8	14° 04'.1	13° 23'.4	0.7	0.7	6.7	6.3	12.7	12.0
08	14° 02'.0	14° 04'.3	13° 23'.6	0.8	0.8	6.8	6.4	12.8	12.1
09	14° 02'.3	14° 04'.6	13° 23'.9	0.9	0.8	6.9	6.5	12.9	12.1
10	14° 02'.5	14° 04'.8	13° 24'.1	1.0	0.9	7.0	6.6	13.0	12.2
11	14° 02'.7	14° 05'.1	13° 24'.4	1.1	1.0	7.1	6.7	13.1	12.3
12	14° 03'.0	14° 05'.3	13° 24'.6	1.2	1.1	7.2	6.8	13.2	12.4
13	14° 03'.3	14° 05'.6	13° 24'.8	1.3	1.2	7.3	6.9	13.3	12.5
14	14° 03'.5	14° 05'.8	13° 25'.1	1.4	1.3	7.4	7.0	13.4	12.6
15	14° 03'.7	14° 06'.1	13° 25'.3	1.5	1.4	7.5	7.1	13.5	12.7
16	14° 04'.0	14° 06'.3	13° 25'.6	1.6	1.5	7.6	7.2	13.6	12.8
17	14° 04'.3	14° 06'.6	13° 25'.8	1.7	1.6	7.7	7.3	13.7	12.9
18	14° 04'.5	14° 06'.8	13° 26'.0	1.8	1.7	7.8	7.3	13.8	13.0
19	14° 04'.7	14° 07'.1	13° 26'.3	1.9	1.8	7.9	7.4	13.9	13.1
20	14° 05'.0	14° 07'.3	13° 26'.5	2.0	1.9	8.0	7.5	14.0	13.2
21	14° 05'.2	14° 07'.6	13° 26'.7	2.1	2.0	8.1	7.6	14.1	13.3
22	14° 05'.5	14° 07'.8	13° 27'.0	2.2	2.1	8.2	7.7	14.2	13.4
23	14° 05'.8	14° 08'.1	13° 27'.2	2.3	2.2	8.3	7.8	14.3	13.5
24	14° 06'.0	14° 08'.4	13° 27'.5	2.4	2.3	8.4	7.9	14.4	13.6
25	14° 06'.2	14° 08'.6	13° 27'.7	2.5	2.4	8.5	8.0	14.5	13.7
26	14° 06'.5	14° 08'.9	13° 27'.9	2.6	2.4	8.6	8.1	14.6	13.7
27	14° 06'.8	14° 09'.1	13° 28'.2	2.7	2.5	8.7	8.2	14.7	13.8
28	14° 07'.0	14° 09'.4	13° 28'.4	2.8	2.6	8.8	8.3	14.8	13.9
29	14° 07'.2	14° 09'.6	13° 28'.7	2.9	2.7	8.9	8.4	14.9	14.0
30	14° 07'.5	14° 09'.9	13° 28'.9	3.0	2.8	9.0	8.5	15.0	14.1
31	14° 07'.7	14° 10'.1	13° 29'.1	3.1	2.9	9.1	8.6	15.1	14.2
32	14° 08'.0	14° 10'.4	13° 29'.4	3.2	3.0	9.2	8.7	15.2	14.3
33	14° 08'.3	14° 10'.6	13° 29'.6	3.3	3.1	9.3	8.8	15.3	14.4
34	14° 08'.5	14° 10'.9	13° 29'.8	3.4	3.2	9.4	8.9	15.4	14.5
35	14° 08'.7	14° 11'.1	13° 30'.1	3.5	3.3	9.5	8.9	15.5	14.6
36	14° 09'.0	14° 11'.4	13° 30'.3	3.6	3.4	9.6	9.0	15.6	14.7
37	14° 09'.3	14° 11'.6	13° 30'.6	3.7	3.5	9.7	9.1	15.7	14.8
38	14° 09'.5	14° 11'.9	13° 30'.8	3.8	3.6	9.8	9.2	15.8	14.9
39	14° 09'.7	14° 12'.1	13° 31'.0	3.9	3.7	9.9	9.3	15.9	15.0
40	14° 10'.0	14° 12'.4	13° 31'.3	4.0	3.8	10.0	9.4	16.0	15.1
41	14° 10'.3	14° 12'.6	13° 31'.5	4.1	3.9	10.1	9.5	16.1	15.2
42	14° 10'.5	14° 12'.9	13° 31'.8	4.2	4.0	10.2	9.6	16.2	15.3
43	14° 10'.8	14° 13'.1	13° 32'.0	4.3	4.0	10.3	9.7	16.3	15.3
44	14° 11'.0	14° 13'.4	13° 32'.2	4.4	4.1	10.4	9.8	16.4	15.4
45	14° 11'.2	14° 13'.6	13° 32'.5	4.5	4.2	10.5	9.9	16.5	15.5
46	14° 11'.5	14° 13'.9	13° 32'.7	4.6	4.3	10.6	10.0	16.6	15.6
47	14° 11'.8	14° 14'.1	13° 32'.9	4.7	4.4	10.7	10.1	16.7	15.7
48	14° 12'.0	14° 14'.4	13° 33'.2	4.8	4.5	10.8	10.2	16.8	15.8
49	14° 12'.2	14° 14'.6	13° 33'.4	4.9	4.6	10.9	10.3	16.9	15.9
50	14° 12'.5	14° 14'.9	13° 33'.7	5.0	4.7	11.0	10.4	17.0	16.0
51	14° 12'.8	14° 15'.1	13° 33'.9	5.1	4.8	11.1	10.5	17.1	16.1
52	14° 13'.0	14° 15'.4	13° 34'.1	5.2	4.9	11.2	10.5	17.2	16.2
53	14° 13'.2	14° 15'.6	13° 34'.4	5.3	5.0	11.3	10.6	17.3	16.3
54	14° 13'.5	14° 15'.9	13° 34'.6	5.4	5.1	11.4	10.7	17.4	16.4
55	14° 13'.7	14° 16'.1	13° 34'.9	5.5	5.2	11.5	10.8	17.5	16.5
56	14° 14'.0	14° 16'.4	13° 35'.1	5.6	5.3	11.6	10.9	17.6	16.6
57	14° 14'.3	14° 16'.6	13° 35'.3	5.7	5.4	11.7	11.0	17.7	16.7
58	14° 14'.5	14° 16'.9	13° 35'.6	5.8	5.5	11.8	11.1	17.8	16.8
59	14° 14'.7	14° 17'.1	13° 35'.8	5.9	5.6	11.9	11.2	17.9	16.9
60	14° 15'.0	14° 17'.4	13° 36'.1	6.0	5.7	12.0	11.3	18.0	17.0

57m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	14° 15'.0	14° 17'.4	13° 36'.1	0.0	0.0	6.0	5.8	12.0	11.5
01	14° 15'.3	14° 17'.6	13° 36'.3	0.1	0.1	6.1	5.8	12.1	11.6
02	14° 15'.5	14° 17'.9	13° 36'.5	0.2	0.2	6.2	5.9	12.2	11.7
03	14° 15'.7	14° 18'.1	13° 36'.8	0.3	0.3	6.3	6.0	12.3	11.8
04	14° 16'.0	14° 18'.4	13° 37'.0	0.4	0.4	6.4	6.1	12.4	11.9
05	14° 16'.2	14° 18'.6	13° 37'.2	0.5	0.5	6.5	6.2	12.5	12.0
06	14° 16'.5	14° 18'.9	13° 37'.5	0.6	0.6	6.6	6.3	12.6	12.1
07	14° 16'.8	14° 19'.1	13° 37'.7	0.7	0.7	6.7	6.4	12.7	12.2
08	14° 17'.0	14° 19'.4	13° 38'.0	0.8	0.8	6.8	6.5	12.8	12.3
09	14° 17'.2	14° 19'.6	13° 38'.2	0.9	0.9	6.9	6.6	12.9	12.4
10	14° 17'.5	14° 19'.9	13° 38'.4	1.0	1.0	7.0	6.7	13.0	12.5
11	14° 17'.8	14° 20'.1	13° 38'.7	1.1	1.1	7.1	6.8	13.1	12.6
12	14° 18'.0	14° 20'.4	13° 38'.9	1.2	1.2	7.2	6.9	13.2	12.7
13	14° 18'.2	14° 20'.6	13° 39'.2	1.3	1.2	7.3	7.0	13.3	12.7
14	14° 18'.5	14° 20'.9	13° 39'.4	1.4	1.3	7.4	7.1	13.4	12.8
15	14° 18'.8	14° 21'.1	13° 39'.6	1.5	1.4	7.5	7.2	13.5	12.9
16	14° 19'.0	14° 21'.4	13° 39'.9	1.6	1.5	7.6	7.3	13.6	13.0
17	14° 19'.3	14° 21'.6	13° 40'.1	1.7	1.6	7.7	7.4	13.7	13.1
18	14° 19'.5	14° 21'.9	13° 40'.3	1.8	1.7	7.8	7.5	13.8	13.2
19	14° 19'.7	14° 22'.1	13° 40'.6	1.9	1.8	7.9	7.6	13.9	13.3
20	14° 20'.0	14° 22'.4	13° 40'.8	2.0	1.9	8.0	7.7	14.0	13.4
21	14° 20'.2	14° 22'.6	13° 41'.1	2.1	2.0	8.1	7.8	14.1	13.5
22	14° 20'.5	14° 22'.9	13° 41'.3	2.2	2.1	8.2	7.9	14.2	13.6
23	14° 20'.8	14° 23'.1	13° 41'.5	2.3	2.2	8.3	8.0	14.3	13.7
24	14° 21'.0	14° 23'.4	13° 41'.8	2.4	2.3	8.4	8.0	14.4	13.8
25	14° 21'.3	14° 23'.6	13° 42'.0	2.5	2.4	8.5	8.1	14.5	13.9
26	14° 21'.5	14° 23'.9	13° 42'.3	2.6	2.5	8.6	8.2	14.6	14.0
27	14° 21'.7	14° 24'.1	13° 42'.5	2.7	2.6	8.7	8.3	14.7	14.1
28	14° 22'.0	14° 24'.4	13° 42'.7	2.8	2.7	8.8	8.4	14.8	14.2
29	14° 22'.3	14° 24'.6	13° 43'.0	2.9	2.8	8.9	8.5	14.9	14.3
30	14° 22'.5	14° 24'.9	13° 43'.2	3.0	2.9	9.0	8.6	15.0	14.4
31	14° 22'.8	14° 25'.1	13° 43'.4	3.1	3.0	9.1	8.7	15.1	14.5
32	14° 23'.0	14° 25'.4	13° 43'.7	3.2	3.1	9.2	8.8	15.2	14.6
33	14° 23'.2	14° 25'.6	13° 43'.9	3.3	3.2	9.3	8.9	15.3	14.7
34	14° 23'.5	14° 25'.9	13° 44'.2	3.4	3.3	9.4	9.0	15.4	14.8
35	14° 23'.7	14° 26'.1	13° 44'.4	3.5	3.4	9.5	9.1	15.5	14.9
36	14° 24'.0	14° 26'.4	13° 44'.6	3.6	3.5	9.6	9.2	15.6	15.0
37	14° 24'.3	14° 26'.7	13° 44'.9	3.7	3.5	9.7	9.3	15.7	15.0
38	14° 24'.5	14° 26'.9	13° 45'.1	3.8	3.6	9.8	9.4	15.8	15.1
39	14° 24'.7	14° 27'.2	13° 45'.4	3.9	3.7	9.9	9.5	15.9	15.2
40	14° 25'.0	14° 27'.4	13° 45'.6	4.0	3.8	10.0	9.6	16.0	15.3
41	14° 25'.2	14° 27'.7	13° 45'.8	4.1	3.9	10.1	9.7	16.1	15.4
42	14° 25'.5	14° 27'.9	13° 46'.1	4.2	4.0	10.2	9.8	16.2	15.5
43	14° 25'.8	14° 28'.2	13° 46'.3	4.3	4.1	10.3	9.9	16.3	15.6
44	14° 26'.0	14° 28'.4	13° 46'.5	4.4	4.2	10.4	10.0	16.4	15.7
45	14° 26'.3	14° 28'.7	13° 46'.8	4.5	4.3	10.5	10.1	16.5	15.8
46	14° 26'.5	14° 28'.9	13° 47'.0	4.6	4.4	10.6	10.2	16.6	15.9
47	14° 26'.7	14° 29'.2	13° 47'.3	4.7	4.5	10.7	10.3	16.7	16.0
48	14° 27'.0	14° 29'.4	13° 47'.5	4.8	4.6	10.8	10.4	16.8	16.1
49	14° 27'.2	14° 29'.7	13° 47'.7	4.9	4.7	10.9	10.4	16.9	16.2
50	14° 27'.5	14° 29'.9	13° 48'.0	5.0	4.8	11.0	10.5	17.0	16.3
51	14° 27'.8	14° 30'.2	13° 48'.2	5.1	4.9	11.1	10.6	17.1	16.4
52	14° 28'.0	14° 30'.4	13° 48'.5	5.2	5.0	11.2	10.7	17.2	16.5
53	14° 28'.2	14° 30'.7	13° 48'.7	5.3	5.1	11.3	10.8	17.3	16.6
54	14° 28'.5	14° 30'.9	13° 48'.9	5.4	5.2	11.4	10.9	17.4	16.7
55	14° 28'.7	14° 31'.2	13° 49'.2	5.5	5.3	11.5	11.0	17.5	16.8
56	14° 29'.0	14° 31'.4	13° 49'.4	5.6	5.4	11.6	11.1	17.6	16.9
57	14° 29'.3	14° 31'.7	13° 49'.7	5.7	5.5	11.7	11.2	17.7	17.0
58	14° 29'.5	14° 31'.9	13° 49'.9	5.8	5.6	11.8	11.3	17.8	17.1
59	14° 29'.8	14° 32'.2	13° 50'.1	5.9	5.7	11.9	11.4	17.9	17.2
60	14° 30'.0	14° 32'.4	13° 50'.4	6.0	5.8	12.0	11.5	18.0	17.3

INCREMENTS AND CORRECTIONS

58m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	14° 30'.0	14° 32'.4	13° 50'.4	0.0	0.0	6.0	5.9	12.0	11.7
01	14° 30'.2	14° 32'.7	13° 50'.6	0.1	0.1	6.1	5.9	12.1	11.8
02	14° 30'.5	14° 32'.9	13° 50'.8	0.2	0.2	6.2	6.0	12.2	11.9
03	14° 30'.8	14° 33'.2	13° 51'.1	0.3	0.3	6.3	6.1	12.3	12.0
04	14° 31'.0	14° 33'.4	13° 51'.3	0.4	0.4	6.4	6.2	12.4	12.1
05	14° 31'.3	14° 33'.7	13° 51'.6	0.5	0.5	6.5	6.3	12.5	12.2
06	14° 31'.5	14° 33'.9	13° 51'.8	0.6	0.6	6.6	6.4	12.6	12.3
07	14° 31'.7	14° 34'.2	13° 52'.0	0.7	0.7	6.7	6.5	12.7	12.4
08	14° 32'.0	14° 34'.4	13° 52'.3	0.8	0.8	6.8	6.6	12.8	12.5
09	14° 32'.2	14° 34'.7	13° 52'.5	0.9	0.9	6.9	6.7	12.9	12.6
10	14° 32'.5	14° 34'.9	13° 52'.8	1.0	1.0	7.0	6.8	13.0	12.7
11	14° 32'.8	14° 35'.2	13° 53'.0	1.1	1.1	7.1	6.9	13.1	12.8
12	14° 33'.0	14° 35'.4	13° 53'.2	1.2	1.2	7.2	7.0	13.2	12.9
13	14° 33'.2	14° 35'.7	13° 53'.5	1.3	1.3	7.3	7.1	13.3	13.0
14	14° 33'.5	14° 35'.9	13° 53'.7	1.4	1.4	7.4	7.2	13.4	13.1
15	14° 33'.7	14° 36'.2	13° 53'.9	1.5	1.5	7.5	7.3	13.5	13.2
16	14° 34'.0	14° 36'.4	13° 54'.2	1.6	1.6	7.6	7.4	13.6	13.3
17	14° 34'.3	14° 36'.7	13° 54'.4	1.7	1.7	7.7	7.5	13.7	13.4
18	14° 34'.5	14° 36'.9	13° 54'.7	1.8	1.8	7.8	7.6	13.8	13.5
19	14° 34'.8	14° 37'.2	13° 54'.9	1.9	1.9	7.9	7.7	13.9	13.6
20	14° 35'.0	14° 37'.4	13° 55'.1	2.0	2.0	8.0	7.8	14.0	13.7
21	14° 35'.2	14° 37'.7	13° 55'.4	2.1	2.0	8.1	7.9	14.1	13.7
22	14° 35'.5	14° 37'.9	13° 55'.6	2.2	2.1	8.2	8.0	14.2	13.8
23	14° 35'.7	14° 38'.2	13° 55'.9	2.3	2.2	8.3	8.1	14.3	13.9
24	14° 36'.0	14° 38'.4	13° 56'.1	2.4	2.3	8.4	8.2	14.4	14.0
25	14° 36'.3	14° 38'.7	13° 56'.3	2.5	2.4	8.5	8.3	14.5	14.1
26	14° 36'.5	14° 38'.9	13° 56'.6	2.6	2.5	8.6	8.4	14.6	14.2
27	14° 36'.7	14° 39'.2	13° 56'.8	2.7	2.6	8.7	8.5	14.7	14.3
28	14° 37'.0	14° 39'.4	13° 57'.0	2.8	2.7	8.8	8.6	14.8	14.4
29	14° 37'.2	14° 39'.7	13° 57'.3	2.9	2.8	8.9	8.7	14.9	14.5
30	14° 37'.5	14° 39'.9	13° 57'.5	3.0	2.9	9.0	8.8	15.0	14.6
31	14° 37'.8	14° 40'.2	13° 57'.8	3.1	3.0	9.1	8.9	15.1	14.7
32	14° 38'.0	14° 40'.4	13° 58'.0	3.2	3.1	9.2	9.0	15.2	14.8
33	14° 38'.3	14° 40'.7	13° 58'.2	3.3	3.2	9.3	9.1	15.3	14.9
34	14° 38'.5	14° 40'.9	13° 58'.5	3.4	3.3	9.4	9.2	15.4	15.0
35	14° 38'.7	14° 41'.2	13° 58'.7	3.5	3.4	9.5	9.3	15.5	15.1
36	14° 39'.0	14° 41'.4	13° 59'.0	3.6	3.5	9.6	9.4	15.6	15.2
37	14° 39'.3	14° 41'.7	13° 59'.2	3.7	3.6	9.7	9.5	15.7	15.3
38	14° 39'.5	14° 41'.9	13° 59'.4	3.8	3.7	9.8	9.6	15.8	15.4
39	14° 39'.8	14° 42'.2	13° 59'.7	3.9	3.8	9.9	9.7	15.9	15.5
40	14° 40'.0	14° 42'.4	13° 59'.9	4.0	3.9	10.0	9.8	16.0	15.6
41	14° 40'.2	14° 42'.7	14° 00'.1	4.1	4.0	10.1	9.8	16.1	15.7
42	14° 40'.5	14° 42'.9	14° 00'.4	4.2	4.1	10.2	9.9	16.2	15.8
43	14° 40'.7	14° 43'.2	14° 00'.6	4.3	4.2	10.3	10.0	16.3	15.9
44	14° 41'.0	14° 43'.4	14° 00'.9	4.4	4.3	10.4	10.1	16.4	16.0
45	14° 41'.3	14° 43'.7	14° 01'.1	4.5	4.4	10.5	10.2	16.5	16.1
46	14° 41'.5	14° 43'.9	14° 01'.3	4.6	4.5	10.6	10.3	16.6	16.2
47	14° 41'.7	14° 44'.2	14° 01'.6	4.7	4.6	10.7	10.4	16.7	16.3
48	14° 42'.0	14° 44'.5	14° 01'.8	4.8	4.7	10.8	10.5	16.8	16.4
49	14° 42'.2	14° 44'.7	14° 02'.1	4.9	4.8	10.9	10.6	16.9	16.5
50	14° 42'.5	14° 45'.0	14° 02'.3	5.0	4.9	11.0	10.7	17.0	16.6
51	14° 42'.8	14° 45'.2	14° 02'.5	5.1	5.0	11.1	10.8	17.1	16.7
52	14° 43'.0	14° 45'.5	14° 02'.8	5.2	5.1	11.2	10.9	17.2	16.8
53	14° 43'.3	14° 45'.7	14° 03'.0	5.3	5.2	11.3	11.0	17.3	16.9
54	14° 43'.5	14° 46'.0	14° 03'.3	5.4	5.3	11.4	11.1	17.4	17.0
55	14° 43'.7	14° 46'.2	14° 03'.5	5.5	5.4	11.5	11.2	17.5	17.1
56	14° 44'.0	14° 46'.5	14° 03'.7	5.6	5.5	11.6	11.3	17.6	17.2
57	14° 44'.2	14° 46'.7	14° 04'.0	5.7	5.6	11.7	11.4	17.7	17.3
58	14° 44'.5	14° 47'.0	14° 04'.2	5.8	5.7	11.8	11.5	17.8	17.4
59	14° 44'.8	14° 47'.2	14° 04'.4	5.9	5.8	11.9	11.6	17.9	17.5
60	14° 45'.0	14° 47'.5	14° 04'.7	6.0	5.9	12.0	11.7	18.0	17.6

59m

S	Sun Planets	Aries	Moon	v or d	Corr'n	v or d	Corr'n	v or d	Corr'n
00	14° 45'.0	14° 47'.5	14° 04'.7	0.0	0.0	6.0	6.0	12.0	11.9
01	14° 45'.2	14° 47'.7	14° 04'.9	0.1	0.1	6.1	6.0	12.1	12.0
02	14° 45'.5	14° 48'.0	14° 05'.2	0.2	0.2	6.2	6.1	12.2	12.1
03	14° 45'.7	14° 48'.2	14° 05'.4	0.3	0.3	6.3	6.2	12.3	12.2
04	14° 46'.0	14° 48'.5	14° 05'.6	0.4	0.4	6.4	6.3	12.4	12.3
05	14° 46'.3	14° 48'.7	14° 05'.9	0.5	0.5	6.5	6.4	12.5	12.4
06	14° 46'.5	14° 49'.0	14° 06'.1	0.6	0.6	6.6	6.5	12.6	12.5
07	14° 46'.8	14° 49'.2	14° 06'.4	0.7	0.7	6.7	6.6	12.7	12.6
08	14° 47'.0	14° 49'.5	14° 06'.6	0.8	0.8	6.8	6.7	12.8	12.7
09	14° 47'.2	14° 49'.7	14° 06'.8	0.9	0.9	6.9	6.8	12.9	12.8
10	14° 47'.5	14° 50'.0	14° 07'.1	1.0	1.0	7.0	6.9	13.0	12.9
11	14° 47'.8	14° 50'.2	14° 07'.3	1.1	1.1	7.1	7.0	13.1	13.0
12	14° 48'.0	14° 50'.5	14° 07'.5	1.2	1.2	7.2	7.1	13.2	13.1
13	14° 48'.3	14° 50'.7	14° 07'.8	1.3	1.3	7.3	7.2	13.3	13.2
14	14° 48'.5	14° 51'.0	14° 08'.0	1.4	1.4	7.4	7.3	13.4	13.3
15	14° 48'.7	14° 51'.2	14° 08'.3	1.5	1.5	7.5	7.4	13.5	13.4
16	14° 49'.0	14° 51'.5	14° 08'.5	1.6	1.6	7.6	7.5	13.6	13.5
17	14° 49'.2	14° 51'.7	14° 08'.7	1.7	1.7	7.7	7.6	13.7	13.6
18	14° 49'.5	14° 52'.0	14° 09'.0	1.8	1.8	7.8	7.7	13.8	13.7
19	14° 49'.8	14° 52'.2	14° 09'.2	1.9	1.9	7.9	7.8	13.9	13.8
20	14° 50'.0	14° 52'.5	14° 09'.5	2.0	2.0	8.0	7.9	14.0	13.9
21	14° 50'.2	14° 52'.7	14° 09'.7	2.1	2.1	8.1	8.0	14.1	14.0
22	14° 50'.5	14° 53'.0	14° 09'.9	2.2	2.2	8.2	8.1	14.2	14.1
23	14° 50'.7	14° 53'.2	14° 10'.2	2.3	2.3	8.3	8.2	14.3	14.2
24	14° 51'.0	14° 53'.5	14° 10'.4	2.4	2.4	8.4	8.3	14.4	14.3
25	14° 51'.3	14° 53'.7	14° 10'.6	2.5	2.5	8.5	8.4	14.5	14.4
26	14° 51'.5	14° 54'.0	14° 10'.9	2.6	2.6	8.6	8.5	14.6	14.5
27	14° 51'.8	14° 54'.2	14° 11'.1	2.7	2.7	8.7	8.6	14.7	14.6
28	14° 52'.0	14° 54'.5	14° 11'.4	2.8	2.8	8.8	8.7	14.8	14.7
29	14° 52'.2	14° 54'.7	14° 11'.6	2.9	2.9	8.9	8.8	14.9	14.8
30	14° 52'.5	14° 55'.0	14° 11'.8	3.0	3.0	9.0	8.9	15.0	14.9
31	14° 52'.7	14° 55'.2	14° 12'.1	3.1	3.1	9.1	9.0	15.1	15.0
32	14° 53'.0	14° 55'.5	14° 12'.3	3.2	3.2	9.2	9.1	15.2	15.1
33	14° 53'.3	14° 55'.7	14° 12'.6	3.3	3.3	9.3	9.2	15.3	15.2
34	14° 53'.5	14° 56'.0	14° 12'.8	3.4	3.4	9.4	9.3	15.4	15.3
35	14° 53'.7	14° 56'.2	14° 13'.0	3.5	3.5	9.5	9.4	15.5	15.4
36	14° 54'.0	14° 56'.5	14° 13'.3	3.6	3.6	9.6	9.5	15.6	15.5
37	14° 54'.2	14° 56'.7	14° 13'.5	3.7	3.7	9.7	9.6	15.7	15.6
38	14° 54'.5	14° 57'.0	14° 13'.8	3.8	3.8	9.8	9.7	15.8	15.7
39	14° 54'.8	14° 57'.2	14° 14'.0	3.9	3.9	9.9	9.8	15.9	15.8
40	14° 55'.0	14° 57'.5	14° 14'.2	4.0	4.0	10.0	9.9	16.0	15.9
41	14° 55'.3	14° 57'.7	14° 14'.5	4.1	4.1	10.1	10.0	16.1	16.0
42	14° 55'.5	14° 58'.0	14° 14'.7	4.2	4.2	10.2	10.1	16.2	16.1
43	14° 55'.7	14° 58'.2	14° 14'.9	4.3	4.3	10.3	10.2	16.3	16.2
44	14° 56'.0	14° 58'.5	14° 15'.2	4.4	4.4	10.4	10.3	16.4	16.3
45	14° 56'.3	14° 58'.7	14° 15'.4	4.5	4.5	10.5	10.4	16.5	16.4
46	14° 56'.5	14° 59'.0	14° 15'.7	4.6	4.6	10.6	10.5	16.6	16.5
47	14° 56'.8	14° 59'.2	14° 15'.9	4.7	4.7	10.7	10.6	16.7	16.6
48	14° 57'.0	14° 59'.5	14° 16'.1	4.8	4.8	10.8	10.7	16.8	16.7
49	14° 57'.2	14° 59'.7	14° 16'.4	4.9	4.9	10.9	10.8	16.9	16.8
50	14° 57'.5	15° 00'.0	14° 16'.6	5.0	5.0	11.0	10.9	17.0	16.9
51	14° 57'.7	15° 00'.2	14° 16'.9	5.1	5.1	11.1	11.0	17.1	17.0
52	14° 58'.0	15° 00'.5	14° 17'.1	5.2	5.2	11.2	11.1	17.2	17.1
53	14° 58'.3	15° 00'.7	14° 17'.3	5.3	5.3	11.3	11.2	17.3	17.2
54	14° 58'.5	15° 01'.0	14° 17'.6	5.4	5.4	11.4	11.3	17.4	17.3
55	14° 58'.7	15° 01'.2	14° 17'.8	5.5	5.5	11.5	11.4	17.5	17.4
56	14° 59'.0	15° 01'.5	14° 18'.0	5.6	5.6	11.6	11.5	17.6	17.5
57	14° 59'.2	15° 01'.7	14° 18'.3	5.7	5.7	11.7	11.6	17.7	17.6
58	14° 59'.5	15° 02'.0	14° 18'.5	5.8	5.8	11.8	11.7	17.8	17.7
59	14° 59'.8	15° 02'.2	14° 18'.8	5.9	5.9	11.9	11.8	17.9	17.8
60	15° 00'.0	15° 02'.5	14° 19'.0	6.0	6.0	12.0	11.9	18.0	17.9