



TO USE: Find your latitude, then read straight across the columns.

TABLE 1

Latitude (degrees)	Inclination (degrees)	(D1) (inches)	Declination (degrees)	(D2) (inches)	(D3) (inches)	(D3-D2) (inches)
1.0	1.0	10 1/2	0.15	4 9/16	4 5/8	1/16
2.0	2.0	10 7/16	0.31	4 9/16	4 5/8	1/16
3.0	3.1	10 3/8	0.46	4 9/16	4 11/16	1/8
4.0	4.1	10 3/8	0.62	4 1/2	4 11/16	1/8
5.0	5.1	10 5/16	0.77	4 1/2	4 11/16	3/16
6.0	6.1	10 1/4	0.93	4 1/2	4 11/16	1/4
7.0	7.2	10 3/16	1.08	4 7/16	4 3/4	1/4
8.0	8.2	10 1/8	1.23	4 7/16	4 3/4	5/16
9.0	9.2	10 1/8	1.39	4 7/16	4 3/4	5/16
10.0	10.2	10 1/16	1.54	4 7/16	4 13/16	3/8
11.0	11.3	10	1.69	4 3/8	4 13/16	7/16
12.0	12.3	9 15/16	1.84	4 3/8	4 13/16	7/16
13.0	13.3	9 7/8	1.99	4 3/8	4 7/8	1/2
14.0	14.3	9 13/16	2.14	4 5/16	4 7/8	1/2
15.0	15.3	9 3/4	2.29	4 5/16	4 7/8	9/16
16.0	16.4	9 11/16	2.44	4 5/16	4 7/8	5/8
17.0	17.4	9 5/8	2.59	4 1/4	4 15/16	5/8
18.0	18.4	9 9/16	2.73	4 1/4	4 15/16	11/16
19.0	19.4	9 9/16	2.88	4 1/4	4 15/16	11/16
20.0	20.4	9 1/2	3.02	4 1/4	5	3/4
21.0	21.4	9 7/16	3.17	4 3/16	5	13/16
22.0	22.5	9 3/8	3.31	4 3/16	5	13/16
23.0	23.5	9 1/4	3.45	4 3/16	5	7/8
24.0	24.5	9 3/16	3.59	4 1/8	5 1/16	7/8
25.0	25.5	9 1/8	3.73	4 1/8	5 1/16	15/16
26.0	26.5	9 1/16	3.87	4 1/8	5 1/16	15/16
27.0	27.5	9	4.00	4 1/8	5 1/8	1
28.0	28.6	8 15/16	4.14	4 1/16	5 1/8	1
29.0	29.6	8 7/8	4.27	4 1/16	5 1/8	1 1/16
30.0	30.6	8 13/16	4.40	4 1/16	5 1/8	1 1/16
31.0	31.6	8 3/4	4.53	4 1/16	5 3/16	1 1/8
32.0	32.6	8 11/16	4.66	4	5 3/16	1 3/16
33.0	33.6	8 9/16	4.79	4	5 3/16	1 3/16
34.0	34.6	8 1/2	4.91	4	5 3/16	1 1/4
35.0	35.6	8 7/16	5.04	4	5 1/4	1 1/4
36.0	36.6	8 3/8	5.16	3 15/16	5 1/4	1 5/16
37.0	37.6	8 5/16	5.28	3 15/16	5 1/4	1 5/16
38.0	38.6	8 1/4	5.40	3 15/16	5 1/4	1 5/16
39.0	39.6	8 1/8	5.51	3 15/16	5 5/16	1 3/8
40.0	40.6	8 1/16	5.63	3 7/8	5 5/16	1 3/8
41.0	41.7	8	5.74	3 7/8	5 5/16	1 7/16
42.0	42.7	7 15/16	5.85	3 7/8	5 5/16	1 7/16
43.0	43.7	7 13/16	5.96	3 7/8	5 5/16	1 1/2
44.0	44.7	7 3/4	6.07	3 13/16	5 3/8	1 1/2
45.0	45.7	7 11/16	6.18	3 13/16	5 3/8	1 9/16
46.0	46.7	7 9/16	6.28	3 13/16	5 3/8	1 9/16
47.0	47.7	7 1/2	6.38	3 13/16	5 3/8	1 9/16
48.0	48.7	7 7/16	6.48	3 13/16	5 3/8	1 5/8
49.0	49.6	7 5/16	6.58	3 3/4	5 7/16	1 5/8
50.0	50.6	7 1/4	6.67	3 3/4	5 7/16	1 11/16
51.0	51.6	7 3/16	6.77	3 3/4	5 7/16	1 11/16
52.0	52.6	7 1/16	6.86	3 3/4	5 7/16	1 11/16
53.0	53.6	7	6.95	3 3/4	5 7/16	1 3/4
54.0	54.6	6 15/16	7.03	3 3/4	5 1/2	1 3/4
55.0	55.6	6 13/16	7.12	3 11/16	5 1/2	1 3/4
56.0	56.6	6 3/4	7.20	3 11/16	5 1/2	1 13/16
57.0	57.6	6 5/8	7.28	3 11/16	5 1/2	1 13/16