

CORRECTION TO LATITUDE FOR DIFFERENTIAL REFRACTION. $\frac{1}{2}(r-r')$.
(The sign of the correction is the same as that of the micrometer difference).

$\frac{1}{2}$ diff. Zen. Dist.	Zenith Distances.							
	0°	10°	20°	25°	30°	35°	40°	45°
'	"	"	"	"	"	"	"	"
0	.00	.00	.00	.00	.00	.00	.00	.00
0.5	.01	.01	.01	.01	.01	.01	.01	.02
1	.02	.02	.02	.02	.02	.02	.03	.03
1.5	.03	.03	.03	.03	.03	.03	.04	.05
2	.03	.03	.04	.04	.04	.05	.06	.07
2.5	.04	.04	.05	.05	.05	.06	.07	.08
3	.05	.05	.06	.06	.07	.08	.09	.10
3.5	.06	.06	.07	.07	.08	.09	.10	.12
4	.07	.07	.08	.08	.09	.10	.11	.13
4.5	.08	.08	.09	.09	.10	.11	.13	.15
5	.08	.09	.10	.10	.11	.13	.14	.17
5.5	.09	.10	.10	.11	.12	.14	.16	.18
6	.10	.10	.11	.12	.13	.15	.17	.20
6.5	.11	.11	.12	.13	.14	.16	.19	.22
7	.12	.12	.13	.14	.15	.18	.20	.24
7.5	.13	.13	.14	.15	.16	.19	.21	.25
8	.13	.14	.15	.16	.18	.21	.23	.27
8.5	.14	.15	.16	.17	.19	.22	.24	.29
9	.15	.16	.17	.18	.20	.23	.26	.30
9.5	.16	.17	.18	.20	.21	.24	.27	.32
10	.17	.18	.19	.21	.23	.26	.29	.34
10.5	.18	.19	.20	.22	.24	.27	.30	.35
11	.18	.19	.21	.23	.25	.28	.31	.37
11.5	.19	.20	.22	.24	.26	.30	.33	.39
12	.20	.21	.23	.25	.27	.31	.34	.40
12.5	.21	.21	.24	.26	.28	.32	.36	.42
13	.22	.22	.25	.27	.29	.33	.37	.44
13.5	.23	.23	.26	.28	.30	.34	.39	.45
14	.23	.24	.27	.29	.31	.35	.40	.47
14.5	.24	.25	.28	.30	.32	.36	.41	.49
15	.25	.26	.28	.31	.34	.38	.43	.50
15.5	.26	.27	.29	.32	.35	.39	.44	.52
16	.27	.28	.30	.33	.36	.40	.46	.54
16.5	.28	.29	.31	.34	.37	.41	.47	.55
17	.28	.29	.32	.35	.38	.42	.49	.57
17.5	.29	.30	.33	.36	.39	.44	.50	.59
18	.30	.31	.34	.37	.40	.45	.52	.60
18.5	.31	.32	.35	.38	.41	.46	.53	.62
19	.32	.33	.36	.39	.43	.48	.54	.64
19.5	.33	.34	.37	.40	.44	.49	.56	.66

NOTE.—If the altitude of the station is such that the barometer reading is below 27 inches, the tabulated values should be reduced by 10 per cent.