Standard temperature = 0° Celsius
Standard pressure = 14.7 psia, or (101.325 kPa abs) = kN/m²

N.I.P
p = 14.7 psia
T = 68°F

TEMPERATURE CORRECTION TABLE — Table 1 — English System

To reduce the reading of the barometer to standard temperature (0°C)

Correction for h

$p_a = \rho_{Hg} g h$

Temperature in Degrees F.	Observed Reading of the Barometer in Inches											
	20"	21"	22"	23"	24"	25"	26"	27"	28"	29"	30"	31"
	ALL CORRECTIONS SUBTRACTIVE											
60°	0.057	0.060	0.062	0.065	0.068	0.071	0.074	0.077	0.080	0.082	0.085	0.088
62	.060	.063	.066	.069	.073	.076	.079	.082	.085	.088	.091	.094
64	.064	.067	.070	.074	.077	.080	.083	.086	.090	.093	.096	.099
66	.068	.071	.074	.078	.081	.085	.088	.091	.095	.098	.101	.105
68	.071	.075	.078	.082	.085	.089	.093	.096	.100	.103	.107	.110
70	.075	.079	.082	.086	.090	.094	.097	.101	.105	.109	.112	.116
72	.078	.082	.086	.090	.094	.098	.102	.106	.110	.114	.118	.122
74	.082	.086	.090	.094	.098	.103	.107	.111	.115	.119	.123	.127
76	.086	.090	.094	.098	.103	.107	.111	.116	.120	.124	.128	.133
78	.089	.094	.098	.103	.107	.112	.116	.120	.125	.129	.134	.138
80	.093	.097	.102	.107	.111	.116	.121	.125	.130	.135	.139	.144
82	.096	.101	.106	.111	.116	.121	.125	.130	.135	.140	.145	.149
84	.100	.105	.110	.115	.120	.125	.130	.135	.140	.145	.150	.155
86	.104	.109	.114	.119	.124	.130	.135	.140	.145	.150	.155	.161
88	.107	.113	.118	.123	.129	.134	.139	.145	.150	.155	.161	.166
90	.111	.116	.122	.127	.133	.138	.144	.150	.155	.161	.166	.172
92	.114	.120	.126	.132	.137	.143	.149	.154	.160	.166	.172	.177
94	.118	.124	.130	.136	.142	.147	.153	.159	.165	.171	.177	.183
96	.122	.128	.134	.140	.146	.152	.158	.164	.170	.176	.182	.188
98	.125	.131	.138	.144	.150	.156	.163	.169	.175	.181	.188	.194
100	.129	.135	.142	.148	.154	.161	.167	.174	.180	.187	.193	.200

standard temperature

$\rho_{Hg} = 13,595\ kg/m^3$ at Standard Atmosphere (101.3250 kPa) at (0°C).

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