CORRIGENDUM

CARLTON W. ULRICH AND PHILIP B. CHILSON

Department of Physics and Astronomy, Clemson University, Clemson, South Carolina

Figure 1 of Ulbrich and Chilson (1994) consists of a plot of the equation

\[ v_D = 9.65 - 10.3 \left\{ 1 + 6 \left( \frac{Z}{N_0 10^6 T(7 + \mu)} \right)^{1/(7 + \mu)} \right\}^{-(7 + \mu)}, \]

where \(v_D\) (m s\(^{-1}\)) is the mean Doppler velocity, \(Z\) (mm\(^6\) m\(^{-3}\)) is the reflectivity factor, and \(N_0\) and \(\mu\) are gamma distribution parameters; that is,

\[ N(D) = N_0 D^\mu \exp(-\Lambda D), \]

where \(\Lambda D_0 = 3.67 + \mu\) and \(D_0\) (cm) is the median volume diameter. Although the above equations were given correctly in the paper, the figure was plotted incorrectly. The corrected figure is shown here.

REFERENCES


Corresponding author address: Carlton W. Ulbrich, Dept. of Physics and Astronomy, Clemson University, Clemson, SC 29634-1911.

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Fig. 1. The dependence of the mean Doppler fall speed on radar reflectivity factor for raindrops. It has been assumed that the size distribution can be approximated by a gamma distribution and that the coefficient \(N_0\) is related to \(\mu\) by the empirical relation \(N_0 = 6 \times 10^6 \exp(3.2\mu)\). The heavy solid curves depict the maximum deviations from the theoretical expressions due to variations in \(N_0\) of a factor of 10 from the latter relation. Curves are shown for \(\mu = -1, 0, 1, 2, 3\) but only those for \(\mu = -1\) and 3 are labeled.