

CORRIGENDUM

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Two equations in Smith and Kliche (2005) contain errors. In (10), the exponent of the factor $(\mu + 4)$ on the right-hand side should also be $\mu + 4$. The correct equation, reading

$$n(D) = \frac{3}{128} N_w \frac{(\mu + 4)^{\mu+4}}{(\mu + 3)!} \left(\frac{D}{D_m} \right)^\mu \exp[-(\mu + 4)D/D_m], \quad (10)$$

was used to derive the moment estimators for N_w listed in the appendix, but in the estimator listed for the M_2 ,

M_4 , M_6 combination of moments the factor $(\hat{\mu} + 2)$ in the numerator should be $(\hat{\mu} + 3)$. The correct equation there [appendix section b(2)] is

$$\frac{\hat{N}_w}{N_w} = \frac{32}{3N_T} \left\{ \left[\frac{(\hat{\mu} + 3)m_2}{(\hat{\mu} + 4)} \right]^5 \frac{1}{m_4^3} \right\}^{1/2}.$$

In Smith and Kliche (2005), this correction affects only the M_2 , M_4 , M_6 line in Fig. 11; on the scales used in that figure, the difference is barely perceptible.

REFERENCES

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Smith, P. L., and D. V. Kliche, 2005: The bias in moment estimators for parameters of drop size distribution functions: Sampling from exponential distributions. *J. Appl. Meteor.*, **44**, 1195–1205.