

## CORRIGENDUM

ANTHONY W. LYZA AND KEVIN R. KNUPP

*Department of Atmospheric Science, Severe Weather Institute–Radar and Lightning Laboratories,  
University of Alabama in Huntsville, Huntsville, Alabama*

(Manuscript received 3 June 2019, in final form 28 June 2019)

---

An error has been found in the calculation of Froude numbers ( $Fr_H$  and  $Fr_L$ ) presented in Fig. 9 of Lyza and Knupp (2018). The corrected Fig. 9 is shown below. This error was discovered during preparation for the submission of an upcoming article that utilizes this dataset. The code for calculating the values of  $Fr_H$  and  $Fr_L$  did not account for the wind speed data being provided in knots in the RAP sounding files. Correction of this error and utilizing the correct units reveals no meaningful changes to the findings of Lyza and Knupp (2018). Values of  $Fr_H$  are still greater than one for the vast majority of Southern Cumberland System (SCS) tornado cases evaluated, and magnitudes of  $Fr_L$  are still well below one for all evaluated cases.

### REFERENCE

Lyza, A. W., and K. R. Knupp, 2018: A background investigation of tornado activity across the southern Cumberland Plateau terrain system of northeastern Alabama. *Mon. Wea. Rev.*, **146**, 4261–4278, <https://doi.org/10.1175/MWR-D-18-0300.1>.

---

*Corresponding author:* Anthony W. Lyza, [lyzaa@nsstc.uah.edu](mailto:lyzaa@nsstc.uah.edu)

DOI: 10.1175/MWR-D-19-0165.1

© 2019 American Meteorological Society. For information regarding reuse of this content and general copyright information, consult the [AMS Copyright Policy](#) ([www.ametsoc.org/PUBSReuseLicenses](http://www.ametsoc.org/PUBSReuseLicenses)).

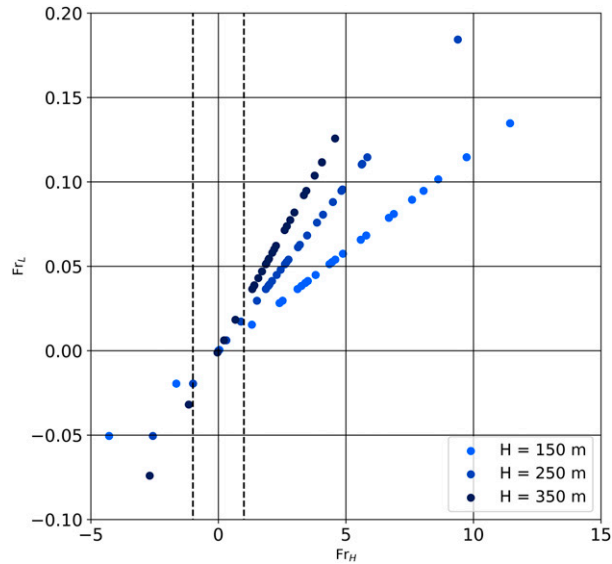


FIG. 9. RUC and RAP sounding scatterplot of  $Fr_H$  vs  $Fr_L$  at Anniston, Alabama (187 m ASL), for the most recent available 0-h model forecast times prior to SCS tornado events from 2006 to 2016. The 150-, 250-, and 350-m heights are used to display potential variations in Froude values along the SCS. The dashed lines indicated  $Fr_H$  values of  $-1$  and  $1$ . Note that all  $Fr_L$  values are of magnitude  $< 1$ .