

P23 Evaluation of the latest WRF with high-resolution observations

Wu, Wanli, Yubao Liu, and Jason Knievel, *National Center for Atmospheric Research*

Special meteorological observations in several ranges of the Army Test and Command Center have been made in recent years at high spacial and temporal resolution (up to few kilometers and 5 minutes). The data can be invaluable for WRF model data assimilation and verification. In this study, we have run the latest WRF models (V3.5 and V3.6) on the benchmark winter and summer cases with a focus on the new options in the model with nested domains up to 2.4km, and evaluated with the high-resolution observations. The results will be presented in terms of surface air temperature, moisture and wind.