

WRF v3.9 w/hybrid vertical coordinate

Resolutions: d01=27km; d02=9km; d03=3km; d04=1km

60 vertical layers

dt(d01)=90;

Microphysics: Thompson scheme

LW /SW rad: RRTM schemes

Surface: Unified Noah land-surface model

Cumulus physics: Kain-Fritsch (new Eta) scheme
(outer 2 domains only); cu-rad feedback=.true.

Dynamics:

No 6thO diff; diff_opt=0/1/2 (turbulence); Rayleigh damping;
km_opt=4 (Smagorinsky first order closure)

