
Domain setting

Horizontal grid	3×3
Grid spacing	4 km
Vertical layers	100

Configuration options

Longwave radiation	RRTMG
Shortwave radiation	RRTMG
Cumulus parameterization	Grell–Deveny
Land surface	unified Noah
Boundary layer	YSU
Microphysics	Lin (1983)
Gas-phase chemistry mechanism	CBMZ
Aerosol scheme	MOSAIC
