

---

## Domains and physical parameterizations

---

dx, dy (m)	3000 (D1); 1000 (D2)
Microphysics	Lin (Purdue) scheme (Lin et al., 1983)
Longwave radiation	Rapid Radiative Transfer Model (Mlawer et al., 1997)
Shortwave radiation	Goddard shortwave scheme (Chou and Suarez, 1994)
Surface layer	MM5 similarity theory surface layer scheme (Paulson, 1970; Dyer and Hicks, 1970; Webb, 1970; Beljaars, 1994)
Land surface	Noah Land Surface Model (Chen and Dudhia, 2001)
Planetary boundary layer	Yonsei University scheme (Hong et al., 2006)
Cumulus parameterization	Kain–Fritsch scheme (Kain, 2004)

---