

## Selected Weather Research and Forecasting (WRF) model parameterizations

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Parameterization	Selected option
Microphysics	Domain 1, 2, 3: Thompson (Thompson et al., 2008); Domain 4: SBM (cited in text)
Cumulus	Domain 1, 2: Kain–Fritsch (Kain, 2004)
LW Radiation	Rapid Radiative Transfer Model (Mlawer et al., 1997)
SW Radiation	Dudhia scheme (Dudhia, 1989)
PBL	MYNN2 (Nakanishi and Niino, 2006)
Surface layer	MM5 similarity (Zhang and Anthes, 1982)
Land surface	RUC LSM (Smirnova et al., 1997)

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