Table H-9-1. OTC MM5 Meteorological Model Configuration

Science Options	Configuration	Details/Comments
Model Code	MM5 Version 3.6	
Horizontal Grid Mesh	36km/12km	
36-km grid	149x129 cells	
12-km grid	175x175 cells	
Vertical Grid Mesh	29 layers	
Grid Interaction	No feedback	Two-way nesting
Initialization	Eta first guess fields/LittleR	
Boundary Conditions	Eta first guess fields/LittleR	
Microphysics	Simple Ice	
Cumulus Scheme	Kain-Fritsch	36km/12km grids
Planetary Boundary Layer	High-resolution Blackadar PBL	
Radiation	Simple cooling	
Vegetation Data	USGS	24 Category Scheme
Land Surface Model	Five-Layer Soil model	
Shallow Convection	None	
Sea Surface Temperature	Do not update SST	
Thermal Roughness	Default	
Snow Cover Effects	None	
4D Data Assimilation	Analysis Nudging: 36km/12km	
Integration Time Step	75 seconds	
Simulation Periods	2002	
Platform	Linux Cluster	Done at UMD