

# Control Pathway

AERMOD

## Dispersion Options

<b>Titles</b> NO2 Spartaks II	
<b>Dispersion Options</b> <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	<b>Dispersion Coefficient</b>  Rural
<input checked="" type="checkbox"/> Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition <div><b>BETA Options:</b> <input type="checkbox"/> Capped and Horizontal Stack Releases <input checked="" type="checkbox"/> Adjusted Friction Velocity (<math>u^*</math>) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options</div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	<b>Output Type</b> <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition <b>Plume Depletion</b> <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal <b>Output Warnings</b> <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

## Pollutant / Averaging Time / Terrain Options

<b>Pollutant Type</b>  NO2	<b>Exponential Decay</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Averaging Time Options</b>  Hours <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input type="checkbox"/> Period <input checked="" type="checkbox"/> Annual	<b>Terrain Height Options</b> <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
<b>Flagpole Receptors</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Default Height = 2.00 m	

## Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

### Detailed Error Listing File

Filename: Spartaks\_II\_NO2.err



Model Debug File



Met Profile Debug File