

Control Pathway

Dispersion Options

Titles	
Dispersion Options <input type="checkbox"/> Regulatory Default <input type="checkbox"/> Non-Default Options	Dispersion Coefficient Population: Name (Optional): Roughness Length:
<input checked="" type="checkbox"/> Flat 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>BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) 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)	Output Type <input type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type	Exponential Decay Rate of decay will be used <input type="checkbox"/> Yes <input type="checkbox"/> No
Averaging Time Options Hours <input 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 type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input type="checkbox"/> Elevated
Flagpole Receptors <input type="checkbox"/> Yes <input type="checkbox"/> No	Terrain Calculation Algorithms

Optional Files

<input type="checkbox"/> Re-Start File	<input type="checkbox"/> Init File	<input type="checkbox"/> Multi-Year Analyses	<input type="checkbox"/> Event Input File	<input type="checkbox"/> Error Listing File
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Control Pathway

Filename:

Filename:

Filename:



Model Debug File



Met Profile Debug File

Model Debugging Output File

Filename:

Meteorological Profile Debugging File

Filename:

Gas Dry Deposition Parameters

Deposition Velocity

State of Vegetation

Reference Parameters

Cuticle Resistance:

Ground Resistance:

Pollutant Reactivity:

Reference Pollutant:

NOx to NO2 Conversion Options



OLM (Ozone Limiting Method)



PVMRM (Plume Volume Molar Rate Method)

Default Ozone Concentration:

Filename:





























































Unit:

Control Pathway

Gas Dry Deposition Parameters

Pollutant Reactivity Factor:
Fraction of Maximum Green LAI (Autumn):
Fraction of Maximum Green LAI (Transition Spring):
Reference Pollutant [Optional]:

Seasonal Categories

Month	Midsummer	Autumn	Late Autumn	Winter	Transitional Spring
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					

Control Pathway

Land Use Categories

Wind Direction Sector [deg]	Land Use Categories
5 - 15	
15 - 25	
25 - 35	
35 - 45	
45 - 55	
55 - 65	
65 - 75	
75 - 85	
85 - 95	
95 - 105	
105 - 115	
115 - 125	
125 - 135	
135 - 145	
145 - 155	
155 - 165	
165 - 175	
175 - 185	
185 - 195	
195 - 205	
205 - 215	
215 - 225	
225 - 235	
235 - 245	
245 - 255	
255 - 265	
265 - 275	
275 - 285	
285 - 295	
295 - 305	
305 - 315	
315 - 325	
325 - 335	
335 - 345	
345 - 355	
355 - 5	