



Release Notes BREEZE CALPUFF 2.4

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BREEZE CALPUFF 2.4 Release Notes

What's New in 2.4

- Added a feature to input parameters for the radiological decay option, a type of chemical transformation that can be modeled with CALPUFF version 6.42 or later

Chemical Transformation

Options

Method
Chemical transformation Method: Radiological decay (with child species)

Decay

	Parent Pollutant	Half-Life (second)	Child Pollutant	Mass Yield Factor	Child Pollutant	Mass Yield Factor
▶						

Add Parent Pollutant

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- Incorporated the CALPUFF Modeling System Executable Downloader into BREEZE CALPUFF. This tool streamlines the process of downloading and installing the model executable files.

Bug Fixes

- Fixed a bug that in some cases produced wrong file pathways for CALPUFF, CALPOST, POSTUITL, CALSUM, and Append output files.
- Fixed a bug in the BREEZE CALPOST module that misread the CALPUFF concentration file length by one hour.
- Fixed a bug in the BREEZE CALPOST module that misread the CALPUFF concentration file end time by one hour.
- Fixed a bug that in some cases caused CALPUFF to fail when converting the long file name to short file name.

Known Issue

- If the run length average is longer than 9999 hours, the run length average results cannot show in Results Summary since the maximum supported number is 9999 according to CALPUFF Fortran code. The results can only be found in the .CSL file.