

Model Change Bulletin (MCB) 5

AERMAP version 24142 (May 21, 2024)

Bug Fixes

Item	Modification
1	Corrected inconsistencies and errors in setting receptor flagpole heights and elevations based on receptor type. Inconsistencies and errors were identified for different combinations of the FLAGPOLE and TERRHGTS keyword with and without the default flagpole height parameter and the inclusion/exclusion of user-specified elevations and flagpole heights in receptor definitions.
2	Corrected inconsistent requirements for EVALCART keyword parameters between AERMAP and AERMOD and corrected related AERMAP warning messages.

Enhancements

Item	Modification
1	Add checks for output filenames so AERMAP will issue errors if user-defined output filenames are already in use to avoid filename conflicts. Errors are issued during setup, prior to processing.
2	Add source elevation extraction for LINE, BUOYLINE, and RLINE source types.
3	Add capability to extract source elevations without including the receptor (RE) pathway. Prior to version 24142, the source (SO) pathway was optional, but the receptor (RE) was required, and at least one receptor was required. Beginning with version 24142, the receptor (RE) pathway is optional, and only the source (SO) or receptor (RE) pathway is required.