

Model Change Bulletin (MCB) 8 - AERMET version 18081 changes by change type.

Listed with each change are the affected AERMET stages and data types (Upper air, National Weather Service (NWS), ONSITE, or MMIF).

BUG FIXES

Item	Modification	Stage	Data Type
1	Modified subroutine SUBST, to correct the precipitation code to liquid or frozen if the precipitation amount is greater than zero for National Weather Service data. Previously, there was a mismatch in the code and precip amounts.	3	NWS
2	Modified subroutine SFQASM to backspace file 70 to avoid trying to write past end of file.	1	NWS
3	Modified subroutine BULKRI to set variables USTAR1, THSTR1, and OBU to missing when variable Z_OVER_L > 0.7, to avoid NaN's in the AERMET output surface file.	3	ONSITE or MMIF

ENHANCEMENTS

Item	Modification	Stage	Data Type
1	Modified program AERMET to allow the user to input the stage runstream control filename on the command line when calling AERMET. If no filename is provided, AERMET looks for the default 'aermet.inp'.	All	All