

## Importing plot files that were run outside of HARP

HARP can import period and 1-hour plot files that were ran outside of HARP provided they are in the standard format as used by USEPA's compiled version of AERMOD. This requirement is necessary since some of processors (e.g., USEPA's AERPLOT) used by HARP require this format in order to properly read the file.

The file format is typically found in the header of a plot file. The specification is shown as a FORTRAN expression. It is not necessary to fully understand the expression; however, this information should be used as an indicator that the file you are trying to import may be different. A comparison of the column headers between a standard formatted plot file and the plot file that you are trying to import is the best way to see the differences.

### Plot File Format from USEPA's compiled version of AERMOD

Period plot file: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

Maximum 1 hour plot files: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)

```
AERMOD ( 14134): TESTCASE                                02/10/15
AERMET ( 14134):                                         21:47:04
MODELING OPTIONS USED:  RegDFAULT CONC      ELEV
PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: S0001
FOR A TOTAL OF 2590 RECEPTORS.
FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)
```

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM HRS	NET ID
474915.40000	3633520.00000	84.38675	67.10	250.00	0.00	PERIOD	S0001	00009216	PAST01
474920.40000	3633520.00000	88.72726	67.50	250.00	0.00	PERIOD	S0001	00009216	PAST01
474925.40000	3633520.00000	91.37776	67.90	250.00	0.00	PERIOD	S0001	00009216	PAST01
474930.40000	3633520.00000	93.12472	68.30	250.00	0.00	PERIOD	S0001	00009216	PAST01
474935.40000	3633520.00000	93.00000	68.70	250.00	0.00	PERIOD	S0001	00009216	PAST01

AERMOD plot files from third party software may be slightly different. In these cases, the plot files must be modified before you can import them into HARP. Files can easily be modified using text editors like Notepad. There are more advanced text editors that are free online. Some of these text editors have the ability view the column positions and allow you to select entire columns.

The information below is for some third party software that use AERMOD.

### Plot Files from LAKES AERMOD VIEW

Files from Lakes do not need to be modified.

### Plot Files from BREEZE

BREEZE files have an extra column at the beginning of each record. Using a text editor, remove the first column at the beginning of each record. If your text editor has a column select

mode, you can remove the first column for each record all at once.

```
*          FOR A TOTAL OF    4444 RECEPTORS.
*          FORMAT: (A,1X,3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)
*          X              Y          AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE    GRP    NUM HRS    NET ID
*
475747.70000 4739422.00000      0.02215    84.96    122.83    0.00  PERIOD  S001    00008760
475728.40000 4739406.00000      0.02346    88.12    122.83    0.00  PERIOD  S001    00008760
475709.00000 4739390.00000      0.02461    90.34    122.83    0.00  PERIOD  S001    00008760
475689.70000 4739374.00000      0.02455    91.41    122.83    0.00  PERIOD  S001    00008760
475670.40000 4739358.00000      0.02719    94.25    122.83    0.00  PERIOD  S001    00008760
475651.00000 4739342.00000      0.02830    95.86    122.83    0.00  PERIOD  S001    00008760
475631.70000 4739326.00000      0.02860    96.58    122.83    0.00  PERIOD  S001    00008760
```