```
NO ECHO




  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            5 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320      77        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 SO W320     109        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 SO W320     141        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 ME W186     651       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     651       MEOPEN: ADJ_U* Beta Option for Low Winds used in AERMET
Non-DFAULT

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

↑ *** AERMOD - VERSION  15181 ***   *** Thilmany LLC - Kaukauna Mill
                          ***        07/27/16
 *** AERMET - VERSION  15181 ***   ***
                        ***       19:42:31

                                  PAGE   1
 **MODELOPTs:   NonDFAULT CONC      ELEV      NODRYDPLT NOWETDPLT BETA      RURAL
  ADJ_U*

                                           ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
```

```
 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Allows User-Specified Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* BETA option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  SO2

 **Note that special processing requirements apply for the 1-hour SO2 NAAQS - check
available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged
across the number of years modeled.

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:     13 Source(s);       1 Source Group(s); and     200
Receptor(s)

                with:     13 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  15181

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
```

Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Day
(MAXDAILY Keyword)

 **NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   214.00 ; Decay
Coef. =   0.000   ; Rot. Angle =   0.0
                  Emission Units = GRAMS/SEC   ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =   3.6 MB of RAM.

↑ *** AERMOD - VERSION 15181 ***   *** Thilmany LLC - Kaukauna Mill
                          ***   07/27/16
 *** AERMET - VERSION 15181 ***   ***
                        ***   19:42:31

                                   PAGE   2
 **MODELOPTs: NonDFAULT CONC   ELEV   NODRYDPLT NOWETDPLT BETA   RURAL
  ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
B05	0	0.12600E-02	396165.0	4902866.0	209.4	63.35	405.00	20.92	1.52	YES	NO	NO	HOURLY
B23	0	0.12600E-02	396159.0	4902918.0	209.4	76.20	416.00	5.90	3.35	YES	NO	NO	HOURLY
O20	0	0.12600E-02	393389.0	4904723.0	224.0	11.13	727.60	66.48	0.37	YES	NO	NO	HOURLY
O21	0	0.12600E-02	393389.0	4904723.0	224.0	11.13	727.60	66.48	0.37	YES	NO	NO	HOURLY
O22	0	0.12600E-02	393389.0	4904723.0	224.0	11.13	727.60	66.48	0.37	YES	NO	NO	HOURLY
S08	0	0.12600E-02	399959.1	4904018.6	187.0	56.69	477.40						

```
13.78     1.98    YES     NO    NO  HOURLY
 S09              0   0.12600E-02  400052.7 4903995.6   187.0    88.39   444.70
19.69     2.59    YES     NO    NO  HOURLY
 S10              0   0.12600E-02  399961.9 4904015.6   187.0    56.69   477.40
13.87     1.98    YES     NO    NO  HOURLY
 S12              0   0.12600E-02  399947.3 4904124.1   187.0    39.62   338.60
8.50     1.19    YES     NO    NO  HOURLY
 S13              0   0.41470E-06  400170.7 4904034.6   187.0    14.63   321.90
9.41     0.93    YES     NO    NO
 S14              0   0.68440E-05  400185.7 4904017.6   187.0    20.73   321.90
3.05     1.52    YES     NO    NO
 S15              0   0.41430E-06  400199.7 4903999.6   187.0    20.57   324.70
11.18     1.37    YES     NO    NO
 S07              0   0.20740E-03  399998.7 4904033.6   187.0    49.07   346.90
19.24     1.68    YES     NO    NO
```



```
                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------


  ALL        B05         , B23         , O20         , O21         , O22         ,
S08         , S09         , S10         ,

             S12         , S13         , S14         , S15         , S07         ,
```



```
                                         *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: B05
```

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	28.0,	43.5,	41.2,	-35.0,	5.9,	2	28.0,	44.6,	38.0,	-34.2,	3.3,
3	28.0,	44.4,	33.6,	-32.4,	0.6,	4	28.0,	42.8,	28.1,	-29.7,	-2.1,
5	28.0,	39.9,	21.9,	-26.0,	-4.8,	6	28.0,	41.3,	26.8,	-27.3,	-7.0,
7	28.0,	43.2,	32.6,	-28.7,	-9.4,	8	28.0,	43.9,	37.4,	-29.2,	-11.4,
9	28.0,	43.2,	41.1,	-28.9,	-13.1,	10	28.0,	41.2,	43.5,	-27.7,	-14.4,
11	28.0,	38.0,	44.6,	-25.6,	-15.3,	12	28.0,	33.6,	44.4,	-22.8,	-15.7,
13	28.0,	28.1,	42.8,	-19.2,	-15.6,	14	28.0,	21.9,	39.9,	-15.1,	-15.1,
15	28.0,	26.8,	41.3,	-13.6,	-13.9,	16	28.0,	32.6,	43.2,	-12.3,	-12.4,
17	28.0,	37.4,	43.9,	-10.5,	-10.5,	18	28.0,	41.1,	43.2,	-8.5,	-8.4,
19	28.0,	43.5,	41.2,	-6.2,	-5.9,	20	28.0,	44.6,	38.0,	-3.7,	-3.3,
21	28.0,	44.4,	33.6,	-1.1,	-0.6,	22	28.0,	42.8,	28.1,	1.5,	2.1,
23	28.0,	39.9,	21.9,	4.1,	4.8,	24	28.0,	41.3,	26.8,	0.5,	7.0,
25	28.0,	43.2,	32.6,	-3.9,	9.4,	26	28.0,	43.9,	37.4,	-8.2,	11.4,
27	28.0,	43.2,	41.1,	-12.2,	13.1,	28	28.0,	41.2,	43.5,	-15.9,	14.4,
29	28.0,	38.0,	44.6,	-19.0,	15.3,	30	28.0,	33.6,	44.4,	-21.6,	15.7,
31	28.0,	28.1,	42.8,	-23.6,	15.6,	32	28.0,	21.9,	39.9,	-24.8,	15.1,
33	28.0,	26.8,	41.3,	-27.7,	13.9,	34	28.0,	32.6,	43.2,	-31.0,	12.4,
35	28.0,	37.4,	43.9,	-33.3,	10.5,	36	28.0,	41.1,	43.2,	-34.7,	8.4,

SOURCE ID: B23

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	28.0,	43.5,	41.2,	-85.2,	-9.0,	2	28.0,	44.6,	38.0,	-81.1,	-20.1,
3	28.0,	44.4,	33.6,	-74.5,	-30.6,	4	11.0,	134.9,	100.1,	-9.8,	-20.6,
5	11.0,	132.4,	98.5,	-4.3,	-6.8,	6	14.9,	66.2,	78.3,	26.0,	-30.8,
7	13.1,	178.7,	131.7,	20.1,	-89.2,	8	13.1,	180.9,	151.2,		

24.4, -73.0,
9 11.0, 43.2, 46.4, 3.7, -5.6, 10 18.3, 54.7, 53.2,
33.7, 35.6,
11 17.7, 77.1, 80.4, 29.3, 35.9, 12 15.9, 104.9, 161.0,
24.0, 31.2,
13 15.9, 82.8, 158.8, 18.1, 48.9, 14 13.1, 88.4, 181.6,
11.5, 50.0,
15 13.1, 138.5, 197.4, -2.2, 54.1, 16 28.0, 32.6, 43.2,
38.6, -24.5,
17 28.0, 37.4, 43.9, 41.7, -13.7, 18 28.0, 41.1, 43.2,
43.5, -2.3,
19 28.0, 43.5, 41.2, 44.0, 9.0, 20 28.0, 44.6, 38.0,
43.1, 20.1,
21 28.0, 44.4, 33.6, 40.9, 30.6, 22 11.0, 97.1, 58.2,
-90.3, 1.7,
23 11.0, 93.8, 55.9, -94.2, -12.5, 24 18.3, 27.9, 58.6,
-98.6, 11.7,
25 18.3, 36.5, 59.9, -100.2, -0.5, 26 18.3, 44.0, 59.5,
-98.7, -12.7,
27 18.3, 50.1, 57.2, -94.2, -24.6, 28 18.3, 54.7, 53.2,
-86.8, -35.6,
29 17.7, 67.1, 57.4, -109.7, -30.9, 30 15.9, 98.0, 137.8,
-185.1, -27.8,
31 15.9, 79.3, 136.0, -176.8, -47.2, 32 13.1, 33.0, 161.2,
-193.1, -22.3,
33 13.7, 25.2, 41.5, -72.8, 14.6, 34 28.0, 32.6, 43.2,
-81.9, 24.5,
35 28.0, 37.4, 43.9, -85.6, 13.7, 36 28.0, 41.1, 43.2,
-86.7, 2.3,

SOURCE ID: O20
IFV BH BW BL XADJ YADJ IFV BH BW BL XADJ
YADJ
1 8.5, 158.7, 82.5, -17.9, -63.5, 2 8.5, 157.1, 106.4,
-20.0, -63.5,
3 8.5, 152.9, 127.0, -21.5, -60.6, 4 8.5, 152.0, 143.8,
-22.3, -51.8,
5 8.5, 146.6, 156.2, -22.5, -41.4, 6 8.5, 136.6, 163.9,
-22.0, -29.7,
7 8.5, 122.6, 166.6, -20.8, -17.2, 8 8.5, 104.8, 164.3,
-18.9, -4.1,
9 8.5, 83.8, 156.9, -16.5, 9.1, 10 8.5, 82.5, 158.7,
-15.8, 23.3,
11 8.5, 106.4, 157.1, -15.0, 33.2, 12 8.5, 127.0, 152.9,
-15.8, 42.0,
13 8.5, 143.8, 152.0, -24.2, 49.6, 14 8.5, 156.2, 146.6,
-31.9, 55.6,
15 8.5, 163.9, 136.6, -38.6, 60.0, 16 8.5, 166.6, 122.6,
-44.1, 62.6,

```
   17    8.5,  164.3,  104.8,  -48.3,   63.2,     18    8.5,  156.9,   83.8,
-51.0,   61.9,
   19    8.5,  158.7,   82.5,  -64.5,   63.5,     20    8.5,  157.1,  106.4,
-86.3,   63.5,
   21    8.5,  152.9,  127.0, -105.5,   60.6,     22    8.5,  152.0,  143.8,
-121.5,   51.8,
   23    8.5,  146.6,  156.2, -133.8,   41.4,     24    8.5,  136.6,  163.9,
-142.0,   29.7,
   25    8.5,  122.6,  166.6, -145.9,   17.2,     26    8.5,  104.8,  164.3,
-145.3,    4.1,
   27    8.5,   83.8,  156.9, -140.4,   -9.1,     28    8.5,   82.5,  158.7,
-142.9,  -23.3,
   29    8.5,  106.4,  157.1, -142.1,  -33.2,     30    8.5,  127.0,  152.9,
-137.0,  -42.0,
   31    8.5,  143.8,  152.0, -127.8,  -49.6,     32    8.5,  156.2,  146.6,
-114.6,  -55.6,
   33    8.5,  163.9,  136.6,  -98.0,  -60.0,     34    8.5,  166.6,  122.6,
-78.4,  -62.6,
   35    8.5,  164.3,  104.8,  -56.4,  -63.2,     36    8.5,  156.9,   83.8,
-32.8,  -61.9,


 SOURCE ID: O21
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
  YADJ
    1    8.5,  158.7,   82.5,  -17.9,  -63.5,      2    8.5,  157.1,  106.4,
-20.0,  -63.5,
    3    8.5,  152.9,  127.0,  -21.5,  -60.6,      4    8.5,  152.0,  143.8,
-22.3,  -51.8,
    5    8.5,  146.6,  156.2,  -22.5,  -41.4,      6    8.5,  136.6,  163.9,
-22.0,  -29.7,
    7    8.5,  122.6,  166.6,  -20.8,  -17.2,      8    8.5,  104.8,  164.3,
-18.9,   -4.1,
    9    8.5,   83.8,  156.9,  -16.5,    9.1,     10    8.5,   82.5,  158.7,
-15.8,   23.3,
   11    8.5,  106.4,  157.1,  -15.0,   33.2,     12    8.5,  127.0,  152.9,
-15.8,   42.0,
   13    8.5,  143.8,  152.0,  -24.2,   49.6,     14    8.5,  156.2,  146.6,
-31.9,   55.6,
   15    8.5,  163.9,  136.6,  -38.6,   60.0,     16    8.5,  166.6,  122.6,
-44.1,   62.6,
   17    8.5,  164.3,  104.8,  -48.3,   63.2,     18    8.5,  156.9,   83.8,
-51.0,   61.9,
   19    8.5,  158.7,   82.5,  -64.5,   63.5,     20    8.5,  157.1,  106.4,
-86.3,   63.5,
   21    8.5,  152.9,  127.0, -105.5,   60.6,     22    8.5,  152.0,  143.8,
-121.5,   51.8,
   23    8.5,  146.6,  156.2, -133.8,   41.4,     24    8.5,  136.6,  163.9,
-142.0,   29.7,
   25    8.5,  122.6,  166.6, -145.9,   17.2,     26    8.5,  104.8,  164.3,
```

-145.3, 4.1,
  27 8.5, 83.8, 156.9, -140.4, -9.1, 28 8.5, 82.5, 158.7,
-142.9, -23.3,
  29 8.5, 106.4, 157.1, -142.1, -33.2, 30 8.5, 127.0, 152.9,
-137.0, -42.0,
  31 8.5, 143.8, 152.0, -127.8, -49.6, 32 8.5, 156.2, 146.6,
-114.6, -55.6,
  33 8.5, 163.9, 136.6, -98.0, -60.0, 34 8.5, 166.6, 122.6,
-78.4, -62.6,
  35 8.5, 164.3, 104.8, -56.4, -63.2, 36 8.5, 156.9, 83.8,
-32.8, -61.9,

**MODELOPTs: NonDFAULT CONC ELEV NODRYDPLT NOWETDPLT BETA RURAL
ADJ_U*

*** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

SOURCE ID: O22
IFV BH BW BL XADJ YADJ IFV BH BW BL XADJ
YADJ
  1 8.5, 158.7, 82.5, -17.9, -63.5, 2 8.5, 157.1, 106.4,
-20.0, -63.5,
  3 8.5, 152.9, 127.0, -21.5, -60.6, 4 8.5, 152.0, 143.8,
-22.3, -51.8,
  5 8.5, 146.6, 156.2, -22.5, -41.4, 6 8.5, 136.6, 163.9,
-22.0, -29.7,
  7 8.5, 122.6, 166.6, -20.8, -17.2, 8 8.5, 104.8, 164.3,
-18.9, -4.1,
  9 8.5, 83.8, 156.9, -16.5, 9.1, 10 8.5, 82.5, 158.7,
-15.8, 23.3,
  11 8.5, 106.4, 157.1, -15.0, 33.2, 12 8.5, 127.0, 152.9,
-15.8, 42.0,
  13 8.5, 143.8, 152.0, -24.2, 49.6, 14 8.5, 156.2, 146.6,
-31.9, 55.6,
  15 8.5, 163.9, 136.6, -38.6, 60.0, 16 8.5, 166.6, 122.6,
-44.1, 62.6,
  17 8.5, 164.3, 104.8, -48.3, 63.2, 18 8.5, 156.9, 83.8,
-51.0, 61.9,
  19 8.5, 158.7, 82.5, -64.5, 63.5, 20 8.5, 157.1, 106.4,
-86.3, 63.5,
  21 8.5, 152.9, 127.0, -105.5, 60.6, 22 8.5, 152.0, 143.8,
-121.5, 51.8,

```
   23    8.5,  146.6,  156.2, -133.8,   41.4,     24    8.5,  136.6,  163.9,
-142.0,   29.7,
   25    8.5,  122.6,  166.6, -145.9,   17.2,     26    8.5,  104.8,  164.3,
-145.3,    4.1,
   27    8.5,   83.8,  156.9, -140.4,   -9.1,     28    8.5,   82.5,  158.7,
-142.9,  -23.3,
   29    8.5,  106.4,  157.1, -142.1,  -33.2,     30    8.5,  127.0,  152.9,
-137.0,  -42.0,
   31    8.5,  143.8,  152.0, -127.8,  -49.6,     32    8.5,  156.2,  146.6,
-114.6,  -55.6,
   33    8.5,  163.9,  136.6,  -98.0,  -60.0,     34    8.5,  166.6,  122.6,
-78.4,  -62.6,
   35    8.5,  164.3,  104.8,  -56.4,  -63.2,     36    8.5,  156.9,   83.8,
-32.8,  -61.9,


 SOURCE ID: S08
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   35.1,   30.5,   28.3,   58.5,   -4.2,      2   35.1,   31.7,   61.7,
25.6,    6.4,
    3   35.1,   34.2,   60.5,   24.7,   15.7,      4   35.1,   34.5,   57.4,
23.1,   24.5,
    5   35.1,   34.5,   52.6,   20.7,   32.5,      6   29.9,   37.0,   14.8,
40.0,   27.6,
    7   26.5,   47.1,   45.1,    7.0,   31.1,      8   26.5,   68.7,   44.1,
3.7,   43.5,
    9   35.4,   26.5,   28.8,   46.9,  -21.9,     10   35.4,   28.7,   26.7,
50.8,  -10.9,
   11   35.4,   30.1,   23.7,   53.2,    0.4,     12   35.4,   30.5,   20.0,
54.0,   11.7,
   13   35.4,   30.0,   15.7,   53.1,   22.7,     14   26.5,   31.6,   13.2,
-14.9,   28.1,
   15   35.1,   34.5,   40.9,  -59.6,   41.0,     16   35.1,   34.5,   48.3,
-69.8,   33.9,
   17   35.1,   34.5,   54.2,  -77.9,   25.8,     18   35.1,   32.3,   26.1,
-83.6,   16.6,
   19   35.1,   30.5,   28.3,  -86.8,    4.2,     20   35.1,   31.7,   61.7,
-87.3,   -6.4,
   21   35.1,   34.2,   60.5,  -85.2,  -15.7,     22   35.1,   34.5,   57.4,
-80.5,  -24.5,
   23   35.1,   34.5,   52.6,  -73.3,  -32.5,     24   29.9,   37.0,   14.8,
-54.8,  -27.6,
   25   26.5,   47.1,   45.1,  -52.1,  -31.1,     26   26.5,   68.7,   44.1,
-47.8,  -43.5,
   27   35.4,   26.5,   28.8,  -75.7,   21.9,     28   35.4,   28.7,   26.7,
-77.5,   10.9,
   29   35.4,   30.1,   23.7,  -76.9,   -0.4,     30   35.4,   30.5,   20.0,
-74.0,  -11.7,
   31   35.4,   30.0,   15.7,  -68.9,  -22.7,     32   26.5,   31.6,   13.2,
```

1.7, -28.1,
33 35.1, 34.5, 40.9, 18.7, -41.0, 34 35.1, 34.5, 48.3,
21.5, -33.9,
35 35.1, 34.5, 54.2, 23.7, -25.8, 36 35.1, 32.3, 26.1,
57.5, -16.6,

SOURCE ID: S09

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.4	146.2	78.8	18.1	53.1	2	13.4	114.6	66.0	23.3	46.8
3	13.4	99.3	54.8	25.8	48.9	4	13.1	102.5	121.7	22.2	-40.0
5	13.1	116.5	69.2	-0.9	49.4	6	21.3	36.2	43.5	-54.4	27.5
7	35.4	19.8	30.5	-45.2	12.1	8	35.4	23.5	30.1	-46.6	6.7
9	35.4	26.5	28.8	-46.7	1.1	10	35.4	28.7	26.7	-45.3	-4.5
11	35.1	61.7	31.7	-118.1	46.1	12	35.1	60.5	34.2	-125.3	28.1
13	35.1	57.4	35.7	-128.8	9.2	14	35.1	52.6	36.0	-128.3	-9.9
15	35.1	48.7	40.9	-126.3	-28.5	16	35.4	30.5	19.8	-22.0	-29.9
17	21.6	42.5	38.6	-110.7	-30.9	18	16.5	29.6	33.3	-88.7	-16.5
19	13.4	56.0	53.7	-95.1	-8.0	20	13.4	60.5	46.8	-89.2	-19.7
21	13.4	63.2	38.5	-80.6	-30.8	22	13.1	31.6	31.2	-70.3	4.5
23	18.0	19.5	33.1	-99.2	13.2	24	21.3	36.2	43.5	11.0	-27.5
25	35.4	19.8	30.5	14.7	-12.1	26	35.4	23.5	30.1	16.5	-6.7
27	35.4	26.5	28.8	17.9	-1.1	28	35.4	28.7	26.7	18.7	4.5
29	35.4	30.1	23.7	18.9	10.0	30	35.4	30.5	20.0	18.5	15.2
31	35.4	30.0	15.7	17.6	19.9	32	35.4	28.6	11.0	16.2	24.0
33	35.4	29.9	15.4	9.4	27.4	34	35.4	30.5	19.8	2.2	29.9
35	21.6	74.8	73.6	43.2	47.0	36	16.5	79.2	111.8	-6.4	41.3

SOURCE ID: S10

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ

```
   YADJ
    1   35.1,   30.5,   28.3,   61.0,   -1.0,      2   35.1,   31.7,   61.7,
27.5,   10.0,
    3   35.1,   34.1,   60.5,   25.9,   19.6,      4   35.1,   34.1,   57.4,
23.6,   28.5,
    5   29.9,   36.1,   16.8,   43.2,   23.1,      6   29.9,   37.0,   14.8,
39.1,   31.6,
    7   26.5,   47.1,   45.1,    5.4,   34.8,      8   26.5,   68.7,   44.1,
1.5,   47.0,
    9   35.4,   26.5,   28.8,   44.1,  -18.9,     10   35.4,   28.7,   26.7,
47.6,   -8.4,
   11   35.4,   30.1,   23.7,   49.6,    2.3,     12   35.4,   30.5,   20.0,
50.1,   12.9,
   13   35.4,   30.0,   15.7,   49.1,   23.2,     14   26.5,   31.6,   13.2,
-19.0,   27.9,
   15   35.1,   34.1,   40.9,  -63.6,   40.1,     16   35.1,   34.1,   48.3,
-73.6,   32.3,
   17   35.1,   34.1,   54.2,  -81.3,   23.5,     18   35.1,   32.3,   26.1,
-86.6,   13.9,
   19   35.1,   30.5,   28.3,  -89.2,    1.0,     20   35.1,   31.7,   61.7,
-89.2,  -10.0,
   21   35.1,   34.1,   60.5,  -86.4,  -19.6,     22   35.1,   34.1,   57.4,
-81.0,  -28.5,
   23   29.9,   36.1,   16.8,  -59.9,  -23.1,     24   29.9,   37.0,   14.8,
-53.8,  -31.6,
   25   26.5,   47.1,   45.1,  -50.5,  -34.8,     26   26.5,   68.7,   44.1,
-45.6,  -47.0,
   27   35.4,   26.5,   28.8,  -72.9,   18.9,     28   35.4,   28.7,   26.7,
-74.2,    8.4,
   29   35.4,   30.1,   23.7,  -73.3,   -2.3,     30   35.4,   30.5,   20.0,
-70.1,  -12.9,
   31   35.4,   30.0,   15.7,  -64.8,  -23.2,     32   26.5,   31.6,   13.2,
5.8,  -27.9,
   33   35.1,   34.1,   40.9,   22.7,  -40.1,     34   35.1,   34.1,   48.3,
25.3,  -32.3,
   35   35.1,   34.1,   54.2,   27.1,  -23.5,     36   35.1,   32.3,   26.1,
60.5,  -13.9,

↑ *** AERMOD - VERSION  15181 ***   *** Thilmany LLC - Kaukauna Mill
                          ***        07/27/16
 *** AERMET - VERSION  15181 ***   ***
                        ***        19:42:31

                                   PAGE   6
 **MODELOPTs:   NonDFAULT CONC      ELEV      NODRYDPLT NOWETDPLT BETA      RURAL
  ADJ_U*

                                          *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***
```

SOURCE ID: S12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	18.9,	19.6,	19.5,	-7.5,	2.6,	2	18.9,	18.6,	19.9,	-8.2,	3.0,
3	18.9,	17.0,	19.8,	-8.7,	3.2,	4	18.9,	15.0,	19.0,	-8.9,	3.4,
5	18.9,	12.4,	17.7,	-8.8,	3.5,	6	18.9,	12.2,	17.5,	-9.4,	3.4,
7	18.9,	14.8,	18.9,	-10.6,	3.2,	8	18.9,	16.9,	19.7,	-11.6,	3.0,
9	18.9,	18.4,	19.9,	-12.2,	2.6,	10	35.1,	61.0,	30.5,	18.9,	-45.6,
11	35.1,	61.7,	31.7,	24.9,	-38.6,	12	35.1,	60.5,	34.2,	30.2,	-30.5,
13	35.1,	57.4,	35.7,	34.6,	-21.4,	14	35.1,	52.6,	36.0,	37.9,	-11.7,
15	35.1,	48.7,	40.9,	37.7,	-1.5,	16	35.1,	44.4,	48.3,	33.4,	8.9,
17	35.1,	38.7,	54.2,	28.1,	19.1,	18	35.1,	32.3,	26.1,	21.9,	28.5,
19	18.9,	19.6,	19.5,	-12.0,	-2.6,	20	18.9,	18.6,	19.9,	-11.7,	-3.0,
21	18.9,	17.0,	19.8,	-11.1,	-3.2,	22	18.9,	15.0,	19.0,	-10.1,	-3.4,
23	18.9,	12.4,	17.7,	-8.8,	-3.5,	24	18.9,	12.2,	17.5,	-8.2,	-3.4,
25	18.9,	14.8,	18.9,	-8.3,	-3.2,	26	18.9,	16.9,	19.7,	-8.1,	-3.0,
27	18.9,	18.4,	19.9,	-7.8,	-2.6,	28	35.1,	61.0,	30.5,	-49.4,	45.6,
29	35.1,	61.7,	31.7,	-56.6,	38.6,	30	35.1,	60.5,	34.2,	-64.4,	30.5,
31	35.1,	57.4,	35.7,	-70.2,	21.4,	32	35.1,	52.6,	36.0,	-73.9,	11.7,
33	35.1,	48.7,	40.9,	-78.5,	1.5,	34	35.1,	44.4,	48.3,	-81.6,	-8.9,
35	35.1,	38.7,	54.2,	-82.3,	-19.1,	36	35.1,	32.3,	26.1,	-48.0,	-28.5,

SOURCE ID: S13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	18.6,	61.3,	62.2,	-105.3,	-6.6,	2	18.6,	55.5,	65.5,	-104.6,	-19.5,
3	18.6,	48.0,	66.7,	-100.8,	-31.7,	4	16.8,	35.0,	58.4,	-88.8,	-18.3,
5	13.7,	27.5,	114.2,	-82.1,	-7.1,	6	13.7,	36.0,	115.2,		

-81.0, -11.3,
7 18.0, 26.2, 35.8, -60.0, 19.9, 8 18.0, 30.2, 36.6,
-63.2, 12.3,
9 18.6, 60.6, 70.1, 10.7, -35.6, 10 18.6, 66.5, 65.4,
18.5, -27.1,
11 18.6, 70.4, 58.7, 25.7, -17.8, 12 18.6, 72.2, 50.2,
32.2, -7.9,
13 18.6, 132.1, 74.9, 23.5, -27.9, 14 18.0, 31.5, 20.1,
-40.9, -1.6,
15 18.0, 32.9, 22.2, -41.7, -6.6, 16 18.6, 73.0, 43.5,
27.4, 30.9,
17 18.6, 72.7, 52.8, 16.6, 38.9, 18 18.6, 120.9, 97.4,
5.3, 21.4,
19 18.6, 114.3, 111.4, -6.2, 33.1, 20 18.6, 104.2, 122.1,
-17.5, 43.8,
21 18.6, 48.0, 66.7, 34.1, 31.7, 22 16.8, 35.0, 58.4,
30.4, 18.3,
23 13.7, 27.5, 114.2, -32.1, 7.1, 24 13.7, 36.0, 115.2,
-34.2, 11.3,
25 18.0, 26.2, 35.8, 24.2, -19.9, 26 18.0, 30.2, 36.6,
26.5, -12.3,
27 18.6, 60.6, 70.1, -80.8, 35.6, 28 18.6, 66.5, 65.4,
-83.9, 27.1,
29 18.6, 70.4, 58.7, -84.4, 17.8, 30 18.6, 60.9, 44.6,
-98.6, 27.8,
31 18.6, 59.8, 36.7, -98.3, 14.1, 32 18.6, 56.8, 27.7,
-95.1, 0.0,
33 18.6, 58.3, 31.8, -95.9, -14.1, 34 18.6, 60.5, 40.3,
-96.5, -27.8,
35 18.6, 67.1, 50.2, -97.0, 19.2, 36 18.6, 65.2, 57.1,
-102.7, 6.4,

SOURCE ID: S14
IFV BH BW BL XADJ YADJ IFV BH BW BL XADJ
YADJ
1 18.6, 61.3, 62.2, -91.1, 11.1, 2 18.6, 55.5, 65.5,
-93.8, 0.4,
3 18.6, 48.0, 66.7, -93.6, -10.2, 4 18.6, 39.1, 65.9,
-90.6, -20.6,
5 16.8, 26.0, 55.7, -84.0, -5.7, 6 16.8, 29.6, 57.8,
-83.2, -15.1,
7 18.6, 43.5, 73.0, -13.9, -28.1, 8 18.6, 52.8, 72.7,
-9.2, -23.7,
9 18.6, 60.6, 70.1, -4.3, -18.6, 10 18.6, 57.8, 56.1,
16.4, -38.1,
11 18.6, 60.3, 51.1, 24.9, -29.8, 12 18.6, 60.9, 44.6,
32.5, -20.6,
13 18.6, 71.8, 40.2, 15.2, 5.6, 14 18.6, 69.1, 29.0,
19.3, 11.7,

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   15   18.6,   71.2,   32.8,   15.2,   17.5,     16   18.6,   60.5,   40.3,
35.1,   19.5,
   17   18.6,   60.9,   47.6,   27.2,   28.8,     18   18.6,   59.4,   53.5,
18.5,   37.2,
   19   18.6,   61.3,   62.2,   28.9,  -11.1,     20   18.6,   55.5,   65.5,
28.4,   -0.4,
   21   18.6,   48.0,   66.7,   26.9,   10.2,     22   18.6,   39.1,   65.9,
24.7,   20.6,
   23   16.8,   26.0,   55.7,   28.2,    5.7,     24   16.8,   29.6,   57.8,
25.3,   15.1,
   25   18.6,   43.5,   73.0,  -59.2,   28.1,     26   18.6,   52.8,   72.7,
-63.4,   23.7,
   27   18.6,   60.6,   70.1,  -65.8,   18.6,     28   18.6,   57.8,   56.1,
-72.5,   38.1,
   29   18.6,   60.3,   51.1,  -76.0,   29.8,     30   18.6,   60.9,   44.6,
-77.1,   20.6,
   31   18.6,   59.8,   36.7,  -75.9,   10.8,     32   18.6,   56.8,   27.7,
-72.4,    0.6,
   33   18.6,   58.3,   31.8,  -73.7,   -9.6,     34   18.6,   60.5,   40.3,
-75.4,  -19.5,
   35   18.6,   60.9,   47.6,  -74.8,  -28.8,     36   18.6,   59.4,   53.5,
-72.0,  -37.2,


 SOURCE ID: S15
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   18.6,   56.1,   57.8,  -51.7,  -27.6,      2   18.6,   51.1,   60.3,
-47.8,  -31.1,
    3   18.6,   48.0,   66.7,  -85.0,   10.9,      4   18.6,   39.1,   65.9,
-85.8,    1.7,
    5   18.6,   29.0,   63.1,  -84.0,   -7.5,      6   18.6,   32.2,   64.9,
-82.9,  -16.1,
    7   18.6,   41.9,   67.0,  -80.3,  -24.6,      8   18.6,   47.6,   60.9,
-12.3,  -30.9,
    9   18.6,   53.5,   59.4,   -6.5,  -27.2,     10   18.6,   57.8,   56.1,
-0.5,  -22.8,
   11   18.6,   60.3,   51.1,    5.5,  -17.7,     12   18.6,   60.9,   44.6,
11.4,  -12.0,
   13   18.6,   59.8,   36.7,   16.9,   -6.0,     14   18.6,   56.8,   27.7,
21.9,    0.3,
   15   18.6,   58.3,   31.8,   19.3,    6.5,     16   18.6,   60.5,   40.3,
13.4,   12.5,
   17   18.6,   60.9,   47.6,    7.0,   18.1,     18   18.6,   59.4,   53.5,
0.5,   23.2,
   19   18.6,   56.1,   57.8,   -6.1,   27.6,     20   18.6,   51.1,   60.3,
-12.5,   31.1,
   21   18.6,   48.0,   66.7,   18.3,  -10.9,     22   18.6,   39.1,   65.9,
19.9,   -1.7,
   23   18.6,   29.0,   63.1,   20.8,    7.5,     24   18.6,   32.2,   64.9,
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18.0,   16.1,
   25   18.6,   41.9,   67.0,   13.3,   24.6,     26   18.6,   47.6,   60.9,
-48.5,   30.9,
   27   18.6,   53.5,   59.4,  -52.9,   27.2,     28   18.6,   57.8,   56.1,
-55.6,   22.8,
   29   18.6,   60.3,   51.1,  -56.7,   17.7,     30   18.6,   60.9,   44.6,
-56.0,   12.0,
   31   18.6,   59.8,   36.7,  -53.6,    6.0,     32   18.6,   56.8,   27.7,
-49.6,   -0.3,
   33   18.6,   58.3,   31.8,  -51.1,   -6.5,     34   18.6,   60.5,   40.3,
-53.7,  -12.5,
   35   18.6,   60.9,   47.6,  -54.7,  -18.1,     36   18.6,   59.4,   53.5,
-54.0,  -23.2,
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 **MODELOPTs:   NonDFAULT CONC      ELEV      NODRYDPLT NOWETDPLT BETA      RURAL
  ADJ_U*

                                          *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: S07
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   29.9,   32.8,   35.1,   12.6,   17.7,      2   29.9,   35.3,   31.8,
10.7,   22.7,
    3   29.9,   36.7,   27.6,    8.5,   27.0,      4   29.9,   36.9,   22.5,
6.0,   30.4,
    5   29.9,   36.1,   16.8,    3.4,   33.0,      6   26.5,   40.5,   44.6,
-31.7,   32.6,
    7   26.5,   47.1,   45.1,  -35.3,   30.5,      8   35.1,   54.2,   38.7,
-35.2,   42.9,
    9   35.1,   58.5,   32.3,  -39.1,   39.3,     10   35.1,   61.0,   30.5,
-47.4,   34.6,
   11   35.1,   61.7,   31.7,  -54.3,   28.8,     12   35.1,   60.5,   34.2,
-59.6,   22.2,
   13   35.1,   57.4,   35.7,  -63.0,   14.9,     14   35.1,   52.6,   36.0,
-64.5,    7.1,
   15   35.1,   48.7,   40.9,  -66.4,   -0.8,     16   35.1,   44.4,   48.3,
-69.2,   -8.4,
   17   35.1,   38.7,   54.2,  -70.0,  -15.8,     18   35.1,   32.3,   26.1,
-68.6,  -22.9,
   19   29.9,   32.8,   35.1,  -47.7,  -17.7,     20   29.9,   35.3,   31.8,
-42.5,  -22.7,
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   21   29.9,   36.7,   27.6,  -36.1,  -27.0,     22   29.9,   36.9,   22.5,
-28.6,  -30.4,
   23   29.9,   36.1,   16.8,  -20.2,  -33.0,     24   26.5,   40.5,   44.6,
-13.0,  -32.6,
   25   26.5,   47.1,   45.1,   -9.7,  -30.5,     26   35.1,   54.2,   38.7,
-3.5,  -42.9,
   27   35.1,   58.5,   32.3,    6.8,  -39.3,     28   35.1,   61.0,   30.5,
16.9,  -34.6,
   29   35.1,   61.7,   31.7,   22.6,  -28.8,     30   35.1,   60.5,   34.2,
25.4,  -22.2,
   31   35.1,   57.4,   35.7,   27.3,  -14.9,     32   35.1,   52.6,   36.0,
28.5,   -7.1,
   33   35.1,   48.7,   40.9,   25.6,    0.8,     34   35.1,   44.4,   48.3,
21.0,    8.4,
   35   35.1,   38.7,   54.2,   15.8,   15.8,     36   35.1,   32.3,   26.1,
42.5,   22.9,
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 **MODELOPTs:   NonDFAULT CONC      ELEV      NODRYDPLT NOWETDPLT BETA      RURAL
  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                              (METERS)

     ( 400050.0, 4904700.0,     203.3,     214.1,       0.0);         ( 400050.0,
4904750.0,     209.9,     212.9,       0.0);
     ( 400000.0, 4904700.0,     208.4,     210.8,       0.0);         ( 400050.0,
4904650.0,     195.0,     217.4,       0.0);
     ( 400050.0, 4904800.0,     213.9,     213.9,       0.0);         ( 400000.0,
4904750.0,     211.7,     211.7,       0.0);
     ( 400100.0, 4904700.0,     200.5,     217.4,       0.0);         ( 400100.0,
4904650.0,     190.0,     217.4,       0.0);
     ( 399850.0, 4904650.0,     208.2,     210.2,       0.0);         ( 400350.0,
4904700.0,     189.8,     217.4,       0.0);
     ( 399900.0, 4904650.0,     206.7,     210.6,       0.0);         ( 400300.0,
4904700.0,     190.4,     217.4,       0.0);
     ( 400300.0, 4904650.0,     184.3,     217.4,       0.0);         ( 400300.0,
4904750.0,     196.1,     217.4,       0.0);
     ( 400000.0, 4904650.0,     198.4,     213.8,       0.0);         ( 399450.0,
4904150.0,     212.4,     212.4,       0.0);
     ( 399900.0, 4904600.0,     196.0,     211.5,       0.0);         ( 399350.0,
4904200.0,     214.0,     214.0,       0.0);
     ( 400400.0, 4904700.0,     191.7,     215.4,       0.0);         ( 400350.0,
4904750.0,     196.1,     216.7,       0.0);
```

(400100.0, 4904750.0, 206.1, 217.4, 0.0); (400050.0, 4904850.0, 215.6, 215.6, 0.0);
(399850.0, 4904700.0, 209.7, 209.7, 0.0); (400350.0, 4904650.0, 184.9, 217.4, 0.0);
(400200.0, 4904600.0, 185.5, 217.4, 0.0); (399900.0, 4904700.0, 210.7, 210.7, 0.0);
(399900.0, 4904550.0, 191.1, 211.5, 0.0); (400300.0, 4904800.0, 204.9, 215.9, 0.0);
(400250.0, 4904700.0, 191.4, 217.4, 0.0); (400250.0, 4904750.0, 197.6, 217.4, 0.0);
(400050.0, 4904600.0, 186.8, 217.4, 0.0); (399850.0, 4904600.0, 198.5, 210.9, 0.0);
(400250.0, 4904600.0, 182.1, 217.4, 0.0); (400400.0, 4904750.0, 196.9, 214.7, 0.0);
(400250.0, 4904650.0, 186.4, 217.4, 0.0); (400500.0, 4903500.0, 209.7, 211.4, 0.0);
(400200.0, 4904650.0, 187.9, 217.4, 0.0); (400400.0, 4904650.0, 187.3, 215.6, 0.0);
(399400.0, 4904250.0, 212.7, 212.7, 0.0); (399400.0, 4904150.0, 213.9, 213.9, 0.0);
(400400.0, 4904800.0, 208.3, 211.5, 0.0); (400100.0, 4904600.0, 182.8, 217.4, 0.0);
(399300.0, 4904200.0, 214.3, 214.3, 0.0); (400000.0, 4904800.0, 213.5, 213.5, 0.0);
(400100.0, 4904800.0, 211.3, 217.0, 0.0); (400150.0, 4904700.0, 196.0, 217.4, 0.0);
(400200.0, 4904700.0, 192.6, 217.4, 0.0); (400150.0, 4904650.0, 188.9, 217.4, 0.0);
(399500.0, 4904150.0, 210.6, 210.6, 0.0); (400350.0, 4904800.0, 207.8, 211.3, 0.0);
(399950.0, 4904650.0, 203.8, 210.8, 0.0); (400150.0, 4904750.0, 204.6, 217.4, 0.0);
(399800.0, 4904650.0, 209.3, 209.3, 0.0); (399450.0, 4904200.0, 211.3, 211.3, 0.0);
(399950.0, 4904600.0, 194.6, 213.1, 0.0); (400700.0, 4903600.0, 212.3, 212.3, 0.0);
(400250.0, 4904800.0, 204.0, 217.4, 0.0); (400200.0, 4904750.0, 199.5, 217.4, 0.0);
(399400.0, 4904200.0, 213.4, 213.4, 0.0); (399450.0, 4904250.0, 211.6, 211.6, 0.0);
(400450.0, 4904750.0, 202.4, 211.6, 0.0); (400000.0, 4904600.0, 191.4, 216.0, 0.0);
(400550.0, 4903500.0, 211.9, 211.9, 0.0); (399950.0, 4904700.0, 210.6, 210.6, 0.0);
(399500.0, 4904300.0, 211.4, 211.4, 0.0); (399850.0, 4904750.0, 210.4, 210.4, 0.0);
(400600.0, 4903600.0, 203.7, 212.0, 0.0); (399550.0, 4904100.0, 206.2, 210.8, 0.0);
(400600.0, 4903550.0, 198.0, 216.2, 0.0); (400700.0, 4903700.0, 212.0, 212.0, 0.0);

(400050.0, 4904900.0, 215.5, 215.5, 0.0); (399450.0, 4904300.0, 211.4, 211.4, 0.0);
(400550.0, 4903450.0, 213.1, 213.1, 0.0); (400650.0, 4903550.0, 203.1, 214.8, 0.0);
(400200.0, 4904550.0, 184.1, 217.4, 0.0); (400150.0, 4904800.0, 207.2, 217.4, 0.0);
(400250.0, 4904550.0, 178.1, 217.4, 0.0); (399800.0, 4904600.0, 204.9, 210.9, 0.0);
(400450.0, 4904800.0, 210.9, 210.9, 0.0); (400500.0, 4903550.0, 205.9, 211.6, 0.0);
(400250.0, 4904850.0, 213.8, 213.8, 0.0); (400400.0, 4904850.0, 212.1, 212.1, 0.0);
(400750.0, 4903500.0, 213.4, 213.4, 0.0); (400650.0, 4903500.0, 210.4, 213.7, 0.0);
(400500.0, 4903450.0, 204.1, 214.7, 0.0); (400650.0, 4903700.0, 208.6, 210.7, 0.0);
(400600.0, 4903500.0, 209.8, 210.8, 0.0); (399350.0, 4904300.0, 212.4, 212.4, 0.0);
(400300.0, 4904600.0, 175.7, 217.7, 0.0); (399850.0, 4904550.0, 192.1, 211.0, 0.0);

**MODELOPTs: NonDFAULT CONC ELEV NODRYDPLT NOWETDPLT BETA RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400450.0, 4904700.0, 193.7, 213.4, 0.0); (399400.0, 4904300.0, 210.7, 210.7, 0.0);
(400350.0, 4904850.0, 211.7, 211.7, 0.0); (399500.0, 4904100.0, 209.1, 210.6, 0.0);
(400100.0, 4904850.0, 216.8, 216.8, 0.0); (400550.0, 4903400.0, 213.6, 213.6, 0.0);
(400300.0, 4904850.0, 213.3, 213.3, 0.0); (400550.0, 4903550.0, 207.8, 211.7, 0.0);
(399800.0, 4904700.0, 207.8, 207.8, 0.0); (400700.0, 4903550.0, 210.8, 210.8, 0.0);
(399550.0, 4904150.0, 209.5, 209.5, 0.0); (399350.0, 4904250.0, 213.6, 213.6, 0.0);
(399900.0, 4904500.0, 190.2, 210.9, 0.0); (400000.0, 4904850.0, 213.8, 213.8, 0.0);
(400750.0, 4903850.0, 197.7, 212.1, 0.0); (400600.0, 4903450.0, 212.9, 212.9, 0.0);
(399550.0, 4904650.0, 210.4, 210.4, 0.0); (400700.0,

4903500.0, 209.2, 214.6, 0.0);
(399500.0, 4904250.0, 210.4, 210.4, 0.0); (400350.0, 4904600.0, 177.8, 217.4, 0.0);
(400450.0, 4904650.0, 189.3, 213.2, 0.0); (400750.0, 4903600.0, 212.4, 212.4, 0.0);
(399900.0, 4904750.0, 211.1, 211.1, 0.0); (399350.0, 4904350.0, 210.0, 210.0, 0.0);
(400700.0, 4903450.0, 214.3, 214.3, 0.0); (399500.0, 4904200.0, 209.9, 209.9, 0.0);
(400100.0, 4904550.0, 182.5, 217.4, 0.0); (400200.0, 4904800.0, 204.0, 217.4, 0.0);
(399250.0, 4904200.0, 213.4, 213.4, 0.0); (400750.0, 4903550.0, 212.9, 212.9, 0.0);
(399300.0, 4904350.0, 210.5, 210.5, 0.0); (400600.0, 4903650.0, 209.7, 211.2, 0.0);
(399700.0, 4904700.0, 210.4, 210.4, 0.0); (399950.0, 4904750.0, 211.6, 211.6, 0.0);
(399950.0, 4904550.0, 185.9, 214.7, 0.0); (400250.0, 4904900.0, 215.8, 215.8, 0.0);
(399350.0, 4904150.0, 214.3, 214.3, 0.0); (400700.0, 4903650.0, 212.0, 212.0, 0.0);
(400350.0, 4904500.0, 186.1, 186.1, 0.0); (400650.0, 4903650.0, 211.3, 211.3, 0.0);
(400650.0, 4903600.0, 210.7, 210.7, 0.0); (400650.0, 4903750.0, 199.6, 212.2, 0.0);
(399750.0, 4904600.0, 210.3, 210.3, 0.0); (400150.0, 4904850.0, 216.6, 216.6, 0.0);
(399800.0, 4904750.0, 208.8, 208.8, 0.0); (400650.0, 4903450.0, 213.8, 213.8, 0.0);
(400700.0, 4903850.0, 194.4, 212.1, 0.0); (399550.0, 4904600.0, 207.8, 207.8, 0.0);
(399650.0, 4904700.0, 210.6, 210.6, 0.0); (400800.0, 4903450.0, 216.9, 216.9, 0.0);
(400800.0, 4903550.0, 214.2, 214.2, 0.0); (399600.0, 4904100.0, 200.9, 210.9, 0.0);
(399700.0, 4904650.0, 206.2, 210.3, 0.0); (400450.0, 4904500.0, 185.1, 185.1, 0.0);
(400750.0, 4903650.0, 208.7, 211.8, 0.0); (399450.0, 4904350.0, 210.0, 210.0, 0.0);
(400300.0, 4904900.0, 214.8, 214.8, 0.0); (400050.0, 4904550.0, 182.9, 217.4, 0.0);
(399300.0, 4904300.0, 213.8, 213.8, 0.0); (399950.0, 4904500.0, 189.2, 210.9, 0.0);
(400550.0, 4903600.0, 194.6, 214.6, 0.0); (400850.0, 4903450.0, 217.2, 217.2, 0.0);
(400450.0, 4903400.0, 192.6, 217.5, 0.0); (400450.0, 4903500.0, 197.2, 214.7, 0.0);
(400150.0, 4904600.0, 182.3, 217.4, 0.0); (400500.0, 4904550.0, 185.1, 211.1, 0.0);
(400800.0, 4903500.0, 216.0, 216.0, 0.0); (399850.0,

4904800.0, 210.9, 210.9, 0.0);
(400700.0, 4903750.0, 208.7, 211.9, 0.0); (399650.0, 4904750.0, 210.4, 210.4, 0.0);
(400450.0, 4904850.0, 211.7, 211.7, 0.0); (400350.0, 4904900.0, 213.8, 213.8, 0.0);
(400400.0, 4904550.0, 183.8, 211.4, 0.0); (400200.0, 4904850.0, 214.5, 215.1, 0.0);
(400600.0, 4903750.0, 191.6, 212.5, 0.0); (399600.0, 4904600.0, 203.5, 210.6, 0.0);
(400600.0, 4903400.0, 214.7, 214.7, 0.0); (400500.0, 4904750.0, 209.8, 210.7, 0.0);
(400000.0, 4904550.0, 183.8, 217.4, 0.0); (400300.0, 4904550.0, 174.6, 217.4, 0.0);
(399700.0, 4904750.0, 209.2, 209.2, 0.0); (400450.0, 4904600.0, 185.7, 212.6, 0.0);
(399400.0, 4904350.0, 209.7, 209.7, 0.0); (399600.0, 4904550.0, 197.3, 210.7, 0.0);
(400950.0, 4903500.0, 215.0, 215.0, 0.0); (399750.0, 4904550.0, 204.7, 210.7, 0.0);
(399550.0, 4904250.0, 209.4, 209.4, 0.0); (400800.0, 4903400.0, 217.3, 217.3, 0.0);
(400800.0, 4903700.0, 204.0, 212.3, 0.0); (400800.0, 4903600.0, 212.8, 212.8, 0.0);

**MODELOPTs: NonDFAULT CONC ELEV NODRYDPLT NOWETDPLT BETA RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(399500.0, 4904700.0, 210.4, 210.4, 0.0); (400050.0, 4904950.0, 215.4, 215.4, 0.0);
(400850.0, 4903550.0, 214.6, 214.6, 0.0); (400900.0, 4903550.0, 214.5, 214.5, 0.0);
(399550.0, 4904200.0, 208.2, 208.2, 0.0); (400850.0, 4903500.0, 216.3, 216.3, 0.0);
(400800.0, 4903650.0, 211.2, 211.2, 0.0); (400750.0, 4903450.0, 212.8, 216.7, 0.0);
(400750.0, 4903950.0, 185.9, 214.2, 0.0); (399550.0, 4904300.0, 210.5, 210.5, 0.0);
(400750.0, 4903700.0, 204.1, 212.2, 0.0); (399500.0, 4904350.0, 210.8, 210.8, 0.0);
(400650.0, 4903400.0, 215.4, 215.4, 0.0); (399300.0, 4904250.0, 214.4, 214.4, 0.0);

```
     ( 399600.0, 4904150.0,     207.1,     207.1,       0.0);         ( 400800.0,
4903850.0,     193.8,     214.2,       0.0);
     ( 400800.0, 4903950.0,     188.5,     214.2,       0.0);         ( 399650.0,
4904500.0,     199.8,     210.6,       0.0);
     ( 400500.0, 4904800.0,     210.9,     210.9,       0.0);         ( 400400.0,
4904500.0,     185.8,     185.8,       0.0);
```



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 **MODELOPTs:   NonDFAULT CONC      ELEV      NODRYDPLT NOWETDPLT BETA      RURAL
  ADJ_U*

                                                *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                        (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

```
                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                                (METERS/SEC)

                                                     1.54,   3.09,   5.14,   8.23,
10.80,
```


*** AERMOD - VERSION 15181 ***   *** Thilmany LLC - Kaukauna Mill
***   07/27/16
*** AERMET - VERSION 15181 ***   ***
***   19:42:31

```
 **MODELOPTs:   NonDFAULT CONC      ELEV      NODRYDPLT NOWETDPLT BETA      RURAL
  ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   D:\AERMET\grb1315u.sfc
                  Met Version:  15181
   Profile file:   D:\AERMET\grb1315u.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    14898                  Upper air station no.:    14898
                  Name: GREEN BAY AUSTIN STRAUBEL INT, WI          Name: GREEN BAY
AUSTIN STRAUBEL INT, WI
                  Year:   2013                                     Year:   2013

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
 13 01 01   1 01  -26.7  0.245 -9.000 -9.000 -999.  291.     66.1  0.01   0.50
1.00    4.36  291.   10.0  255.9    2.0
 13 01 01   1 02  -26.8  0.245 -9.000 -9.000 -999.  291.     66.1  0.01   0.50
1.00    4.36  298.   10.0  254.8    2.0
 13 01 01   1 03  -32.4  0.298 -9.000 -9.000 -999.  390.     97.5  0.02   0.50
1.00    4.86  304.   10.0  255.9    2.0
 13 01 01   1 04  -35.9  0.330 -9.000 -9.000 -999.  454.    119.6  0.02   0.50
1.00    5.36  303.   10.0  255.9    2.0
 13 01 01   1 05  -30.3  0.277 -9.000 -9.000 -999.  352.     84.6  0.02   0.50
1.00    4.54  303.   10.0  254.8    2.0
 13 01 01   1 06  -25.1  0.228 -9.000 -9.000 -999.  262.     57.2  0.01   0.50
1.00    4.07  298.   10.0  253.1    2.0
 13 01 01   1 07  -25.2  0.228 -9.000 -9.000 -999.  261.     57.2  0.01   0.50
1.00    4.07  290.   10.0  252.5    2.0
 13 01 01   1 08  -26.2  0.237 -9.000 -9.000 -999.  277.     61.7  0.01   0.50
1.00    4.22  289.   10.0  252.5    2.0
 13 01 01   1 09  -20.4  0.236 -9.000 -9.000 -999.  276.     61.4  0.01   0.50
0.74    4.19  281.   10.0  254.8    2.0
 13 01 01   1 10   -4.7  0.193 -9.000 -9.000 -999.  205.    137.9  0.01   0.50
0.64    3.37  271.   10.0  257.5    2.0
 13 01 01   1 11    6.5  0.194  0.195  0.005   40.  204.    -99.3  0.01   0.50
0.60    3.12  278.   10.0  259.2    2.0
 13 01 01   1 12   11.9  0.199  0.278  0.005   64.  213.    -58.4  0.01   0.50
0.59    3.18  269.   10.0  261.4    2.0
```

```
 13 01 01   1 13   11.5  0.236  0.287  0.005   73.  275.   -101.8  0.01   0.50
0.59    3.86  269.   10.0  262.5    2.0
 13 01 01   1 14    5.2  0.270  0.224  0.005   77.  337.   -338.1  0.01   0.50
0.60    4.53  252.   10.0  262.5    2.0
 13 01 01   1 15  -10.2  0.302 -9.000 -9.000 -999.  398.    239.8  0.01   0.50
0.65    5.27  250.   10.0  263.1    2.0
 13 01 01   1 16  -21.3  0.238 -9.000 -9.000 -999.  280.     62.1  0.01   0.50
0.76    4.27  240.   10.0  262.5    2.0
 13 01 01   1 17  -20.1  0.188 -9.000 -9.000 -999.  197.     39.0  0.01   0.50
1.00    3.35  232.   10.0  260.4    2.0
 13 01 01   1 18  -23.5  0.219 -9.000 -9.000 -999.  247.     53.0  0.01   0.50
1.00    3.97  240.   10.0  259.9    2.0
 13 01 01   1 19  -20.7  0.193 -9.000 -9.000 -999.  204.     41.1  0.01   0.50
1.00    3.52  244.   10.0  259.2    2.0
 13 01 01   1 20  -17.6  0.167 -9.000 -9.000 -999.  165.     30.9  0.01   0.50
1.00    3.00  229.   10.0  258.1    2.0
 13 01 01   1 21  -21.2  0.197 -9.000 -9.000 -999.  209.     42.5  0.01   0.50
1.00    3.49  237.   10.0  258.1    2.0
 13 01 01   1 22  -17.4  0.166 -9.000 -9.000 -999.  163.     30.4  0.01   0.50
1.00    2.98  222.   10.0  258.1    2.0
 13 01 01   1 23  -16.0  0.159 -9.000 -9.000 -999.  152.     27.9  0.01   0.50
1.00    2.86  225.   10.0  258.1    2.0
 13 01 01   1 24  -16.5  0.162 -9.000 -9.000 -999.  157.     28.9  0.01   0.50
1.00    2.91  219.   10.0  259.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1  291.    4.36   256.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
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 **MODELOPTs:   NonDFAULT CONC      ELEV      NODRYDPLT NOWETDPLT BETA      RURAL
  ADJ_U*

    *** THE   4TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     B05         , B23
 , O20         , O21         , O22         ,
                 S08         , S09         , S10         , S12         , S13
 , S14         , S15         , S07         ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400050.00	4904700.00	0.64867	400050.00	4904750.00	0.64484
400000.00	4904700.00	0.64296	400050.00	4904650.00	0.63905
400050.00	4904800.00	0.63695	400000.00	4904750.00	0.63314
400100.00	4904700.00	0.63251	400100.00	4904650.00	0.63246
399850.00	4904650.00	0.63217	400350.00	4904700.00	0.62988
399900.00	4904650.00	0.62901	400300.00	4904700.00	0.62724
400300.00	4904650.00	0.62709	400300.00	4904750.00	0.62674
400000.00	4904650.00	0.62576	399450.00	4904150.00	0.62394
399900.00	4904600.00	0.62380	399350.00	4904200.00	0.62331
400400.00	4904700.00	0.62327	400350.00	4904750.00	0.62188
400100.00	4904750.00	0.62168	400050.00	4904850.00	0.62114
399850.00	4904700.00	0.62096	400350.00	4904650.00	0.62088
400200.00	4904600.00	0.61994	399900.00	4904700.00	0.61771
399900.00	4904550.00	0.61717	400300.00	4904800.00	0.61693
400250.00	4904700.00	0.61632	400250.00	4904750.00	0.61620
400050.00	4904600.00	0.61592	399850.00	4904600.00	0.61569
400250.00	4904600.00	0.61552	400400.00	4904750.00	0.61525
400250.00	4904650.00	0.61454	400500.00	4903500.00	0.61452
400200.00	4904650.00	0.61449	400400.00	4904650.00	0.61367
399400.00	4904250.00	0.61328	399400.00	4904150.00	0.61301
400400.00	4904800.00	0.61220	400100.00	4904600.00	0.61202
399300.00	4904200.00	0.61103	400000.00		

4904800.00 0.61065
400100.00 4904800.00 0.60914 400150.00
4904700.00 0.60899
400200.00 4904700.00 0.60885 400150.00
4904650.00 0.60866
399500.00 4904150.00 0.60848 400350.00
4904800.00 0.60823
399950.00 4904650.00 0.60813 400150.00
4904750.00 0.60806
399800.00 4904650.00 0.60802 399450.00
4904200.00 0.60713
399950.00 4904600.00 0.60666 400700.00
4903600.00 0.60660
400250.00 4904800.00 0.60578 400200.00
4904750.00 0.60548
399400.00 4904200.00 0.60466 399450.00
4904250.00 0.60377
400450.00 4904750.00 0.60373 400000.00
4904600.00 0.60345
400550.00 4903500.00 0.60341 399950.00
4904700.00 0.60319
399500.00 4904300.00 0.60310 399850.00
4904750.00 0.60277
400600.00 4903600.00 0.60238 399550.00
4904100.00 0.60179
400600.00 4903550.00 0.60121 400700.00
4903700.00 0.60112
400050.00 4904900.00 0.60001 399450.00
4904300.00 0.59985
400550.00 4903450.00 0.59972 400650.00
4903550.00 0.59970
400200.00 4904550.00 0.59945 400150.00
4904800.00 0.59922
400250.00 4904550.00 0.59880 399800.00
4904600.00 0.59874
400450.00 4904800.00 0.59813 400500.00
4903550.00 0.59804

**MODELOPTs: NonDFAULT CONC ELEV NODRYDPLT NOWETDPLT BETA RURAL ADJ_U*

*** THE 4TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): B05 , B23 , O20 , O21 , O22 ,

S08 , S09 , S10 , S12 , S13
, S14 , S15 , S07 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400250.00	4904850.00	0.59802	400400.00	4904850.00	0.59769
400750.00	4903500.00	0.59687	400650.00	4903500.00	0.59678
400500.00	4903450.00	0.59649	400650.00	4903700.00	0.59629
400600.00	4903500.00	0.59616	399350.00	4904300.00	0.59606
400300.00	4904600.00	0.59547	399850.00	4904550.00	0.59540
400450.00	4904700.00	0.59537	399400.00	4904300.00	0.59523
400350.00	4904850.00	0.59446	399500.00	4904100.00	0.59408
400100.00	4904850.00	0.59406	400550.00	4903400.00	0.59376
400300.00	4904850.00	0.59349	400550.00	4903550.00	0.59346
399800.00	4904700.00	0.59295	400700.00	4903550.00	0.59240
399550.00	4904150.00	0.59233	399350.00	4904250.00	0.59194
399900.00	4904500.00	0.59144	400000.00	4904850.00	0.59083
400750.00	4903850.00	0.59073	400600.00	4903450.00	0.59070
399550.00	4904650.00	0.59004	400700.00	4903500.00	0.58978
399500.00	4904250.00	0.58945	400350.00	4904600.00	0.58933
400450.00	4904650.00	0.58910	400750.00	4903600.00	0.58890
399900.00	4904750.00	0.58869	399350.00	4904350.00	0.58858
400700.00	4903450.00	0.58856	399500.00	4904200.00	0.58851
400100.00	4904550.00	0.58840	400200.00		

4904800.00 0.58825
399250.00 4904200.00 0.58793 400750.00
4903550.00 0.58777
399300.00 4904350.00 0.58776 400600.00
4903650.00 0.58757
399700.00 4904700.00 0.58732 399950.00
4904750.00 0.58693
399950.00 4904550.00 0.58691 400250.00
4904900.00 0.58687
399350.00 4904150.00 0.58664 400700.00
4903650.00 0.58640
400350.00 4904500.00 0.58609 400650.00
4903650.00 0.58587
400650.00 4903600.00 0.58578 400650.00
4903750.00 0.58570
399750.00 4904600.00 0.58564 400150.00
4904850.00 0.58550
399800.00 4904750.00 0.58541 400650.00
4903450.00 0.58488
400700.00 4903850.00 0.58435 399550.00
4904600.00 0.58430
399650.00 4904700.00 0.58421 400800.00
4903450.00 0.58420
400800.00 4903550.00 0.58419 399600.00
4904100.00 0.58411
399700.00 4904650.00 0.58386 400450.00
4904500.00 0.58378
400750.00 4903650.00 0.58368 399450.00
4904350.00 0.58301
400300.00 4904900.00 0.58250 400050.00
4904550.00 0.58240
399300.00 4904300.00 0.58141 399950.00
4904500.00 0.58123
400550.00 4903600.00 0.58116 400850.00
4903450.00 0.58085
400450.00 4903400.00 0.58036 400450.00
4903500.00 0.58011
400150.00 4904600.00 0.57970 400500.00
4904550.00 0.57969
400800.00 4903500.00 0.57966 399850.00
4904800.00 0.57958
400700.00 4903750.00 0.57895 399650.00
4904750.00 0.57891

**MODELOPTs: NonDFAULT CONC ELEV NODRYDPLT NOWETDPLT BETA RURAL

ADJ_U*

*** THE 4TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): B05 , B23 , O20 , O21 , O22 ,
S08 , S09 , S10 , S12 , S13 , S14 , S15 , S07 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400450.00	4904850.00	0.57870	400350.00	4904900.00	0.57858
400400.00	4904550.00	0.57852	400200.00	4904850.00	0.57835
400600.00	4903750.00	0.57809	399600.00	4904600.00	0.57804
400600.00	4903400.00	0.57770	400500.00	4904750.00	0.57759
400000.00	4904550.00	0.57745	400300.00	4904550.00	0.57740
399700.00	4904750.00	0.57721	400450.00	4904600.00	0.57699
399400.00	4904350.00	0.57698	399600.00	4904550.00	0.57688
400950.00	4903500.00	0.57674	399750.00	4904550.00	0.57666
399550.00	4904250.00	0.57644	400800.00	4903400.00	0.57638
400800.00	4903700.00	0.57628	400800.00	4903600.00	0.57593
399500.00	4904700.00	0.57593	400050.00	4904950.00	0.57592
400850.00	4903550.00	0.57580	400900.00	4903550.00	0.57553
399550.00	4904200.00	0.57552	400850.00	4903500.00	0.57535
400800.00	4903650.00	0.57529	400750.00	4903450.00	0.57505
400750.00	4903950.00	0.57483	399550.00	4904300.00	0.57474
400750.00	4903700.00	0.57464	399500.00		

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4904350.00        0.57460
         400650.00    4903400.00        0.57439                              399300.00
4904250.00        0.57435
         399600.00    4904150.00        0.57426                              400800.00
4903850.00        0.57406
         400800.00    4903950.00        0.57400                              399650.00
4904500.00        0.57379
         400500.00    4904800.00        0.57343                              400400.00
4904500.00        0.57291
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**MODELOPTs: NonDFAULT CONC   ELEV   NODRYDPLT NOWETDPLT BETA   RURAL
ADJ_U*

*** THE SUMMARY OF MAXIMUM   4TH-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER   3 YEARS ***

** CONC OF SO2   IN MICROGRAMS/M**3 **

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                         NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.64867 AT (  400050.00,  4904700.00,
203.27,   214.11,    0.00)  DC
          2ND HIGHEST VALUE IS       0.64484 AT (  400050.00,  4904750.00,
209.87,   212.88,    0.00)  DC
          3RD HIGHEST VALUE IS       0.64296 AT (  400000.00,  4904700.00,
208.37,   210.84,    0.00)  DC
          4TH HIGHEST VALUE IS       0.63905 AT (  400050.00,  4904650.00,
194.96,   217.40,    0.00)  DC
          5TH HIGHEST VALUE IS       0.63695 AT (  400050.00,  4904800.00,
213.92,   213.92,    0.00)  DC
          6TH HIGHEST VALUE IS       0.63314 AT (  400000.00,  4904750.00,
211.72,   211.72,    0.00)  DC
          7TH HIGHEST VALUE IS       0.63251 AT (  400100.00,  4904700.00,
200.45,   217.40,    0.00)  DC
          8TH HIGHEST VALUE IS       0.63246 AT (  400100.00,  4904650.00,
190.03,   217.42,    0.00)  DC
          9TH HIGHEST VALUE IS       0.63217 AT (  399850.00,  4904650.00,
208.17,   210.22,    0.00)  DC
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        10TH HIGHEST VALUE IS       0.62988 AT (  400350.00,  4904700.00,
189.81,   217.42,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  15181 ***   *** Thilmany LLC - Kaukauna Mill
                         ***        07/27/16
 *** AERMET - VERSION  15181 ***   ***
                        ***        19:42:31

                                   PAGE  17
 **MODELOPTs:   NonDFAULT CONC      ELEV      NODRYDPLT NOWETDPLT BETA      RURAL
  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            9 Warning Message(s)
 A Total of        79511 Informational Message(s)

 A Total of        26280 Hours Were Processed

 A Total of           84 Calm Hours Identified

 A Total of          333 Missing Hours Identified (  1.27 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320      77        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320     109        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320     141        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     651       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     651       MEOPEN: ADJ_U* Beta Option for Low Winds used in AERMET
Non-DFAULT
 CN W305       9       WAKFLG: Stack height > or = EPA formula height for SRCID:
      B23
 CN W305       9       WAKFLG: Stack height > or = EPA formula height for SRCID:
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      S09
CN W305     144       WAKFLG: Stack height > or = EPA formula height for SRCID:
      S12
CN W305    1647       WAKFLG: Stack height > or = EPA formula height for SRCID:
      B05

   ************************************
   *** AERMOD Finishes Successfully ***
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