```
001  * PERFUM3 Input File
002  Scenario Type:                POLY
003  Dispersion model:             ISCST3
004  Output type:                  CONC
005  * ISCST3 Portion of control file
006  Met station ID:               13722
007  Upper air station ID:         13723
008  Meteorological data file:     C:/models/PERFUM32/metfiles/raleigh.met
009  * AERMOD/CALPUFF portion of control file
010  Surface data file ID:
011  Upper air data file ID:
012  Surface data file:
013  Upper air data file:
014  Anemometer height (m):        10.0
015  * AERMOD LOWWIND Beta Option
016  LOWWIND (0: Default; 1,2,3):  3
017  * Dimensions and receptor information
018  Field length x-direction (m): 569.0
019  Field length y-direction (m): 569.0
020  Receptor height (m):          0.0
021  Grid density (C/F):           F
022  Perform monthly calcs (Y/N):  Y
023  ** Additional information for area sources
024  Source height (m):            0.17
025  Sigma-z (m) (AERMOD/CALPUFF): 0.00
026  FASTAREA (AERMOD only):       Y
027  ** Additional information for applications in enclosures
028  Flux estimation (C/E):        C
029  Source type (P/A/V):          P
030  Building Height (meters):     10.0
031  Adjusted Height (meters):     10.0
032  Stack height, m (above bldg): 1.0
033  Stack diameter (m):           1.0
034  Exit velocity (m/sec):        1.0
035  Exit temperature (Kelvin):    293.0
036  App rate (lb/1000ft3):        1.0
037  Air exchange rate (/hr):      0.10
038  Retention rate (fraction):    0.75
039  ** Additional information for circular source
```

```
040  Radius of circle (meters):    400.0
041  ** Additional information for deposition calculations
042  Air diffusion (cm2/sec):      0.05
043  Water diffusion (cm2/sec)     0.00005
044  Cuticular Resistance (s/cm):  50.00
045  Henry's law (Pa-m3/mol)       0.002
046  Atmospheric half-life (min):  600
047  * General inputs for all scenarios
048  Flux data source:
049  Number of simulation days:    2
050  Averaging Period:             24
051  Distribution Avg. Period:     24
052  Begin Year:                   1990
053  End Year:                     1990
054  Day range 1:                  91-273
055  Day range 2:
056  Starting Hour:                10
057  Output file:                  perfum.out
058  Plot file:                    perfum.plt
059  Contour file:                 perfum.ctr
060  Contour Percentile:           95
061  NOEL or HEC (ug/m3):          138
062  UF:                           1.0
063  Buffer length (m):            0.0
064  ** Include application rates for calculation
065  Number of Application rates:  1
066  Application rate no. 1:       0.5
067  Application rate no. 2:       0.0
068  Application rate no. 3:       0.0
069  Application rate no. 4:       0.0
070  Application rate no. 5:       0.0
071  Application rate no. 6:       0.0
072  Application rate no. 7:       0.0
073  Application rate no. 8:       0.0
074  Application rate no. 9:       0.0
075  Application rate no. 10:      0.0
076  ** Flux data for Main Source
077  Hour1:                        0.000373 0.000014
078  Hour2:                        0.000373 0.000014
```

079	Hour3:	0.000373	0.000014
080	Hour4:	0.000373	0.000014
081	Hour5:	0.000373	0.000014
082	Hour6:	0.000373	0.000014
083	Hour7:	0.000373	0.000014
084	Hour8:	0.000373	0.000014
085	Hour9:	0.000356	0.000101
086	Hour10:	0.001392	0.000325
087	Hour11:	0.001392	0.000325
088	Hour12:	0.001392	0.000325
089	Hour13:	0.001392	0.000325
090	Hour14:	0.001392	0.000325
091	Hour15:	0.001392	0.000325
092	Hour16:	0.001392	0.000325
093	Hour17:	0.001392	0.000325
094	Hour18:	0.001392	0.000325
095	Hour19:	0.001392	0.000325
096	Hour20:	0.001392	0.000257
097	Hour21:	0.000838	0.000132
098	Hour22:	0.000373	0.000014
099	Hour23:	0.000373	0.000014
100	Hour24:	0.000373	0.000014