Appendix C-2
Health Risk Assessment

Alexan Arcadia
HRA Files:
AERMOD ADO
AERMOD Sum
Residential Cancer Output
Residentail Cancer SumbyRec
Chronic Output
Chronic SumbyRec

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 9/16/2021
** File: C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\AlexanArcadia1\AlexanArcadia1.ADI
**
**************************************
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**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\dlarocca\Desktop\Air Quality Work\Lakes\SouthSantaA\SouthSa
   MODELOPT DFAULT CONC
   AVERTIME 1 24 PERIOD
   URBANOPT 9818605
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL AlexanArcadia1.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC Construction Equipment Exhaust PM
** PREFIX
** Length of Side = 11.63
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 2.33
** SZINIT = 1.08
** Nodes = 12
** 405034.009, 3778399.787, 150.90, 5.00, 5.41
** 405035.089, 3778300.191, 149.04, 5.00, 5.41
** 405018.520, 3778299.290, 148.92, 5.00, 5.41
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** 405018.520, 3778399.247, 151.05, 5.00, 5.41
** 405003.572, 3778399.247, 151.08, 5.00, 5.41
** 405004.832, 3778298.570, 148.95, 5.00, 5.41
** 404988.803, 3778298.570, 148.92, 5.00, 5.41
** 404987.723, 3778400.147, 151.16, 5.00, 5.41
** 404973.134, 3778399.967, 151.08, 5.00, 5.41
** 404975.116, 3778299.290, 148.90, 5.00, 5.41
** 404959.447, 3778299.110, 148.89, 5.00, 5.41
** 404958.726, 3778399.607, 150.83, 5.00, 5.41
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   405034.072 3778393.972 150.98
   LOCATION L0000002     VOLUME   405034.198 3778382.343 150.70
   LOCATION L0000003     VOLUME   405034.324 3778370.714 150.30
   LOCATION L0000004     VOLUME   405034.450 3778359.084 149.89
   LOCATION L0000005     VOLUME   405034.577 3778347.455 149.73
   LOCATION L0000006     VOLUME   405034.703 3778335.826 149.59
   LOCATION L0000007     VOLUME   405034.829 3778324.196 149.43
   LOCATION L0000008     VOLUME   405034.955 3778312.567 149.25
   LOCATION L0000009     VOLUME   405035.081 3778300.938 149.06
   LOCATION L0000010     VOLUME   405024.222 3778299.600 148.97
   LOCATION L0000011     VOLUME   405018.520 3778305.209 149.10
   LOCATION L0000012     VOLUME   405018.520 3778316.839 149.33
   LOCATION L0000013     VOLUME   405018.520 3778328.469 149.57
   LOCATION L0000014     VOLUME   405018.520 3778340.099 149.77
   LOCATION L0000015     VOLUME   405018.520 3778351.729 149.97
   LOCATION L0000016     VOLUME   405018.520 3778363.359 150.24
   LOCATION L0000017     VOLUME   405018.520 3778374.989 150.62
   LOCATION L0000018     VOLUME   405018.520 3778386.619 150.99
   LOCATION L0000019     VOLUME   405018.520 3778398.249 151.10
   LOCATION L0000020     VOLUME   405007.887 3778399.247 151.10
   LOCATION L0000021     VOLUME   405003.663 3778391.933 151.09
   LOCATION L0000022     VOLUME   405003.809 3778380.304 150.85
   LOCATION L0000023     VOLUME   405003.954 3778368.674 150.56
   LOCATION L0000024     VOLUME   405004.100 3778357.045 150.26
   LOCATION L0000025     VOLUME   405004.246 3778345.416 150.01
   LOCATION L0000026     VOLUME   405004.391 3778333.787 149.76
   LOCATION L0000027     VOLUME   405004.537 3778322.158 149.51
   LOCATION L0000028     VOLUME   405004.683 3778310.529 149.25
   LOCATION L0000029     VOLUME   405004.828 3778298.900 148.99
   LOCATION L0000030     VOLUME   404993.532 3778298.570 148.97
   LOCATION L0000031     VOLUME   404988.730 3778305.470 149.11
   LOCATION L0000032     VOLUME   404988.606 3778317.100 149.37
   LOCATION L0000033     VOLUME   404988.482 3778328.729 149.63
   LOCATION L0000034     VOLUME   404988.359 3778340.358 149.89
   LOCATION L0000035     VOLUME   404988.235 3778351.988 150.16
   LOCATION L0000036     VOLUME   404988.111 3778363.617 150.43
   LOCATION L0000037     VOLUME   404987.988 3778375.246 150.69
   LOCATION L0000038     VOLUME   404987.864 3778386.876 150.95
   LOCATION L0000039     VOLUME   404987.740 3778398.505 151.08
   LOCATION L0000040     VOLUME   404977.736 3778400.024 151.09
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   LOCATION L0000041     VOLUME   404973.273 3778392.940 150.97
   LOCATION L0000042     VOLUME   404973.502 3778381.312 150.74
   LOCATION L0000043     VOLUME   404973.730 3778369.684 150.49
   LOCATION L0000044     VOLUME   404973.959 3778358.057 150.24
   LOCATION L0000045     VOLUME   404974.188 3778346.429 149.97
   LOCATION L0000046     VOLUME   404974.417 3778334.801 149.70
   LOCATION L0000047     VOLUME   404974.646 3778323.173 149.44
   LOCATION L0000048     VOLUME   404974.874 3778311.546 149.20
   LOCATION L0000049     VOLUME   404975.103 3778299.918 148.95
   LOCATION L0000050     VOLUME   404964.114 3778299.164 148.94
   LOCATION L0000051     VOLUME   404959.397 3778306.072 149.09
   LOCATION L0000052     VOLUME   404959.313 3778317.702 149.33
   LOCATION L0000053     VOLUME   404959.230 3778329.332 149.58
   LOCATION L0000054     VOLUME   404959.147 3778340.961 149.81
   LOCATION L0000055     VOLUME   404959.063 3778352.591 150.04
   LOCATION L0000056     VOLUME   404958.980 3778364.221 150.27
   LOCATION L0000057     VOLUME   404958.897 3778375.851 150.50
   LOCATION L0000058     VOLUME   404958.813 3778387.480 150.72
   LOCATION L0000059     VOLUME   404958.730 3778399.110 151.01
** End of LINE VOLUME Source ID = CONST
** Source Parameters **
** LINE VOLUME Source ID = CONST
   SRCPARAM L0000001     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000002     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000003     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000004     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000005     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000006     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000007     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000008     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000009     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000010     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000011     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000012     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000013     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000014     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000015     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000016     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000017     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000018     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000019     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000020     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000021     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000022     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000023     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000024     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000025     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000026     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000027     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000028     0.0169491525      5.00      5.41      1.08
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   SRCPARAM L0000029     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000030     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000031     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000032     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000033     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000034     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000035     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000036     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000037     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000038     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000039     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000040     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000041     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000042     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000043     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000044     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000045     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000046     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000047     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000048     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000049     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000050     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000051     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000052     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000053     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000054     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000055     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000056     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000057     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000058     0.0169491525      5.00      5.41      1.08
   SRCPARAM L0000059     0.0169491525      5.00      5.41      1.08
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
************************************
** AERMOD Receptor Pathway
************************************
**
**
RE STARTING
   INCLUDED AlexanArcadia1.rou
RE FINISHED
**
************************************
** AERMOD Meteorology Pathway
************************************
**
**
```

```
ME STARTING
   SURFFILE AZUS_V9_ADJU\AZUS_v9.SFC
   PROFFILE AZUS_V9_ADJU\AZUS_v9.PFL
   SURFDATA 3179 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 182.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST ALEXANARCADIA1.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL ALEXANARCADIA1.AD\PE00GALL.PLT 32
   SUMMFILE AlexanArcadia1.sum
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W186     207       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     207       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 OU W540     220        OUTQA: No RECTABLE/MAXTABLE/DAYTABLE for Average Period
   024-HR

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

 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
```

```
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:36:39

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  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 URBAN Dispersion Algorithm for the SBL for    59 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT 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.
         6. Urban Roughness Length of 1.0 Meter Assumed.

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

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates PERIOD Averages

 **This Run Includes:     59 Source(s);       1 Source Group(s); and    1301
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     59 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
```

```
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
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) =   182.00 ;  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 =      3.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   AlexanArcadia1.err

 **File for Summary of Results:   AlexanArcadia1.sum

 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.16949E-01	405034.1	3778394.0	151.0	5.00	5.41	1.08	YES	
L0000002	0	0.16949E-01	405034.2	3778382.3	150.7	5.00	5.41	1.08	YES	
L0000003	0	0.16949E-01	405034.3	3778370.7	150.3	5.00	5.41	1.08	YES	
L0000004	0	0.16949E-01	405034.5	3778359.1	149.9	5.00	5.41	1.08	YES	
L0000005	0	0.16949E-01	405034.6	3778347.5	149.7	5.00	5.41	1.08	YES	
L0000006	0	0.16949E-01	405034.7	3778335.8	149.6	5.00	5.41	1.08	YES	
L0000007	0	0.16949E-01	405034.8	3778324.2	149.4	5.00	5.41	1.08	YES	
L0000008	0	0.16949E-01	405035.0	3778312.6	149.2	5.00	5.41	1.08	YES	
L0000009	0	0.16949E-01	405035.1	3778300.9	149.1	5.00	5.41	1.08	YES	
L0000010	0	0.16949E-01	405024.2	3778299.6	149.0	5.00	5.41	1.08	YES	
L0000011	0	0.16949E-01	405018.5	3778305.2	149.1	5.00	5.41	1.08	YES	
L0000012	0	0.16949E-01	405018.5	3778316.8	149.3	5.00	5.41	1.08	YES	
L0000013	0	0.16949E-01	405018.5	3778328.5	149.6	5.00	5.41	1.08	YES	
L0000014	0	0.16949E-01	405018.5	3778340.1	149.8	5.00	5.41	1.08	YES	
L0000015	0	0.16949E-01	405018.5	3778351.7	150.0	5.00	5.41	1.08	YES	
L0000016	0	0.16949E-01	405018.5	3778363.4	150.2	5.00	5.41	1.08	YES	
L0000017	0	0.16949E-01	405018.5	3778375.0	150.6	5.00	5.41	1.08	YES	
L0000018	0	0.16949E-01	405018.5	3778386.6	151.0	5.00	5.41	1.08	YES	
L0000019	0	0.16949E-01	405018.5	3778398.2	151.1	5.00	5.41	1.08	YES	
L0000020	0	0.16949E-01	405007.9	3778399.2	151.1	5.00	5.41	1.08	YES	

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 L0000021         0   0.16949E-01  405003.7 3778391.9   151.1     5.00     5.41
1.08     YES
 L0000022         0   0.16949E-01  405003.8 3778380.3   150.9     5.00     5.41
1.08     YES
 L0000023         0   0.16949E-01  405004.0 3778368.7   150.6     5.00     5.41
1.08     YES
 L0000024         0   0.16949E-01  405004.1 3778357.0   150.3     5.00     5.41
1.08     YES
 L0000025         0   0.16949E-01  405004.2 3778345.4   150.0     5.00     5.41
1.08     YES
 L0000026         0   0.16949E-01  405004.4 3778333.8   149.8     5.00     5.41
1.08     YES
 L0000027         0   0.16949E-01  405004.5 3778322.2   149.5     5.00     5.41
1.08     YES
 L0000028         0   0.16949E-01  405004.7 3778310.5   149.2     5.00     5.41
1.08     YES
 L0000029         0   0.16949E-01  405004.8 3778298.9   149.0     5.00     5.41
1.08     YES
 L0000030         0   0.16949E-01  404993.5 3778298.6   149.0     5.00     5.41
1.08     YES
 L0000031         0   0.16949E-01  404988.7 3778305.5   149.1     5.00     5.41
1.08     YES
 L0000032         0   0.16949E-01  404988.6 3778317.1   149.4     5.00     5.41
1.08     YES
 L0000033         0   0.16949E-01  404988.5 3778328.7   149.6     5.00     5.41
1.08     YES
 L0000034         0   0.16949E-01  404988.4 3778340.4   149.9     5.00     5.41
1.08     YES
 L0000035         0   0.16949E-01  404988.2 3778352.0   150.2     5.00     5.41
1.08     YES
 L0000036         0   0.16949E-01  404988.1 3778363.6   150.4     5.00     5.41
1.08     YES
 L0000037         0   0.16949E-01  404988.0 3778375.2   150.7     5.00     5.41
1.08     YES
 L0000038         0   0.16949E-01  404987.9 3778386.9   151.0     5.00     5.41
1.08     YES
 L0000039         0   0.16949E-01  404987.7 3778398.5   151.1     5.00     5.41
1.08     YES
 L0000040         0   0.16949E-01  404977.7 3778400.0   151.1     5.00     5.41
1.08     YES
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	EMISSION RATE SCALAR
L0000041	0	0.16949E-01	404973.3	3778392.9	151.0	5.00	5.41	1.08	YES	
L0000042	0	0.16949E-01	404973.5	3778381.3	150.7	5.00	5.41	1.08	YES	
L0000043	0	0.16949E-01	404973.7	3778369.7	150.5	5.00	5.41	1.08	YES	
L0000044	0	0.16949E-01	404974.0	3778358.1	150.2	5.00	5.41	1.08	YES	
L0000045	0	0.16949E-01	404974.2	3778346.4	150.0	5.00	5.41	1.08	YES	
L0000046	0	0.16949E-01	404974.4	3778334.8	149.7	5.00	5.41	1.08	YES	
L0000047	0	0.16949E-01	404974.6	3778323.2	149.4	5.00	5.41	1.08	YES	
L0000048	0	0.16949E-01	404974.9	3778311.5	149.2	5.00	5.41	1.08	YES	
L0000049	0	0.16949E-01	404975.1	3778299.9	149.0	5.00	5.41	1.08	YES	
L0000050	0	0.16949E-01	404964.1	3778299.2	148.9	5.00	5.41	1.08	YES	
L0000051	0	0.16949E-01	404959.4	3778306.1	149.1	5.00	5.41	1.08	YES	
L0000052	0	0.16949E-01	404959.3	3778317.7	149.3	5.00	5.41	1.08	YES	
L0000053	0	0.16949E-01	404959.2	3778329.3	149.6	5.00	5.41	1.08	YES	
L0000054	0	0.16949E-01	404959.1	3778341.0	149.8	5.00	5.41	1.08	YES	
L0000055	0	0.16949E-01	404959.1	3778352.6	150.0	5.00	5.41	1.08	YES	
L0000056	0	0.16949E-01	404959.0	3778364.2	150.3	5.00	5.41	1.08	YES	
L0000057	0	0.16949E-01	404958.9	3778375.9	150.5	5.00	5.41	1.08	YES	
L0000058	0	0.16949E-01	404958.8	3778387.5	150.7	5.00	5.41	1.08	YES	
L0000059	0	0.16949E-01	404958.7	3778399.1	151.0	5.00	5.41	1.08	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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

     (404034.8, 3777362.1,   133.5,   133.5,   0.0);   (404084.8,
3777362.1,   134.9,   134.9,   0.0);
     (404134.8, 3777362.1,   134.7,   134.7,   0.0);   (404184.8,
3777362.1,   134.8,   134.8,   0.0);
     (404234.8, 3777362.1,   134.4,   134.4,   0.0);   (404284.8,
3777362.1,   134.2,   134.2,   0.0);
     (404334.8, 3777362.1,   134.5,   134.5,   0.0);   (404384.8,
3777362.1,   134.6,   134.6,   0.0);
     (404434.8, 3777362.1,   135.2,   135.2,   0.0);   (404484.8,
3777362.1,   136.1,   136.1,   0.0);
     (404534.8, 3777362.1,   135.7,   135.7,   0.0);   (404584.8,
3777362.1,   135.8,   135.8,   0.0);
     (404634.8, 3777362.1,   135.9,   135.9,   0.0);   (404684.8,
3777362.1,   136.1,   136.1,   0.0);

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     ( 404734.8, 3777362.1,     136.5,     136.5,       0.0);         ( 404784.8,
3777362.1,     136.3,     136.3,       0.0);
     ( 404834.8, 3777362.1,     136.7,     136.7,       0.0);         ( 404884.8,
3777362.1,     137.1,     137.1,       0.0);
     ( 404934.8, 3777362.1,     137.1,     137.1,       0.0);         ( 404984.8,
3777362.1,     137.2,     137.2,       0.0);
     ( 405034.8, 3777362.1,     137.1,     137.1,       0.0);         ( 405084.8,
3777362.1,     137.1,     137.1,       0.0);
     ( 405134.8, 3777362.1,     136.9,     136.9,       0.0);         ( 405184.8,
3777362.1,     136.9,     136.9,       0.0);
     ( 405234.8, 3777362.1,     137.0,     137.0,       0.0);         ( 405284.8,
3777362.1,     137.1,     137.1,       0.0);
     ( 405334.8, 3777362.1,     137.4,     137.4,       0.0);         ( 405384.8,
3777362.1,     137.6,     137.6,       0.0);
     ( 405434.8, 3777362.1,     138.0,     138.0,       0.0);         ( 405484.8,
3777362.1,     137.9,     137.9,       0.0);
     ( 405534.8, 3777362.1,     138.2,     138.2,       0.0);         ( 405584.8,
3777362.1,     138.2,     138.2,       0.0);
     ( 405634.8, 3777362.1,     137.6,     137.6,       0.0);         ( 405684.8,
3777362.1,     137.6,     137.6,       0.0);
     ( 405734.8, 3777362.1,     136.8,     136.8,       0.0);         ( 405784.8,
3777362.1,     136.4,     136.4,       0.0);
     ( 405834.8, 3777362.1,     136.2,     136.2,       0.0);         ( 405884.8,
3777362.1,     135.8,     135.8,       0.0);
     ( 405934.8, 3777362.1,     135.4,     135.4,       0.0);         ( 405984.8,
3777362.1,     135.4,     135.4,       0.0);
     ( 404034.8, 3777412.1,     134.8,     134.8,       0.0);         ( 404084.8,
3777412.1,     136.1,     137.1,       0.0);
     ( 404134.8, 3777412.1,     134.6,     134.6,       0.0);         ( 404184.8,
3777412.1,     134.8,     134.8,       0.0);
     ( 404234.8, 3777412.1,     134.9,     134.9,       0.0);         ( 404284.8,
3777412.1,     135.2,     135.2,       0.0);
     ( 404334.8, 3777412.1,     134.5,     134.5,       0.0);         ( 404384.8,
3777412.1,     134.8,     134.8,       0.0);
     ( 404434.8, 3777412.1,     135.4,     135.4,       0.0);         ( 404484.8,
3777412.1,     136.2,     136.2,       0.0);
     ( 404534.8, 3777412.1,     137.3,     137.3,       0.0);         ( 404584.8,
3777412.1,     136.6,     136.6,       0.0);
     ( 404634.8, 3777412.1,     136.8,     136.8,       0.0);         ( 404684.8,
3777412.1,     136.4,     136.4,       0.0);
     ( 404734.8, 3777412.1,     137.9,     137.9,       0.0);         ( 404784.8,
3777412.1,     137.8,     137.8,       0.0);
     ( 404834.8, 3777412.1,     136.8,     136.8,       0.0);         ( 404884.8,
3777412.1,     137.7,     137.7,       0.0);
     ( 404934.8, 3777412.1,     138.0,     138.0,       0.0);         ( 404984.8,
3777412.1,     138.4,     138.4,       0.0);
     ( 405034.8, 3777412.1,     137.4,     137.4,       0.0);         ( 405084.8,
3777412.1,     137.8,     137.8,       0.0);
     ( 405134.8, 3777412.1,     137.8,     137.8,       0.0);         ( 405184.8,
3777412.1,     137.5,     137.5,       0.0);
```

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     ( 405234.8, 3777412.1,     137.5,     137.5,       0.0);         ( 405284.8,
3777412.1,     137.7,     137.7,       0.0);
     ( 405334.8, 3777412.1,     137.9,     137.9,       0.0);         ( 405384.8,
3777412.1,     138.0,     138.0,       0.0);
     ( 405434.8, 3777412.1,     138.4,     138.4,       0.0);         ( 405484.8,
3777412.1,     138.4,     138.4,       0.0);
     ( 405534.8, 3777412.1,     138.8,     138.8,       0.0);         ( 405584.8,
3777412.1,     138.7,     138.7,       0.0);
     ( 405634.8, 3777412.1,     138.1,     138.1,       0.0);         ( 405684.8,
3777412.1,     137.7,     137.7,       0.0);
     ( 405734.8, 3777412.1,     137.4,     137.4,       0.0);         ( 405784.8,
3777412.1,     136.8,     136.8,       0.0);
     ( 405834.8, 3777412.1,     136.6,     136.6,       0.0);         ( 405884.8,
3777412.1,     136.3,     136.3,       0.0);
     ( 405934.8, 3777412.1,     136.1,     136.1,       0.0);         ( 405984.8,
3777412.1,     136.0,     136.0,       0.0);
     ( 404034.8, 3777462.1,     135.3,     135.3,       0.0);         ( 404084.8,
3777462.1,     136.2,     136.2,       0.0);
     ( 404134.8, 3777462.1,     135.2,     135.2,       0.0);         ( 404184.8,
3777462.1,     135.3,     135.3,       0.0);
     ( 404234.8, 3777462.1,     135.6,     135.6,       0.0);         ( 404284.8,
3777462.1,     136.0,     136.0,       0.0);
     ( 404334.8, 3777462.1,     135.5,     135.5,       0.0);         ( 404384.8,
3777462.1,     136.2,     136.2,       0.0);
     ( 404434.8, 3777462.1,     136.4,     136.4,       0.0);         ( 404484.8,
3777462.1,     137.6,     137.6,       0.0);
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 404534.8, 3777462.1,     136.9,     136.9,       0.0);         ( 404584.8,
3777462.1,     137.1,     137.1,       0.0);
     ( 404634.8, 3777462.1,     137.1,     137.1,       0.0);         ( 404684.8,
3777462.1,     137.3,     137.3,       0.0);
     ( 404734.8, 3777462.1,     137.4,     137.4,       0.0);         ( 404784.8,
3777462.1,     138.4,     138.4,       0.0);
     ( 404834.8, 3777462.1,     137.2,     137.2,       0.0);         ( 404884.8,
3777462.1,     138.5,     138.5,       0.0);
     ( 404934.8, 3777462.1,     138.7,     138.7,       0.0);         ( 404984.8,
3777462.1,     138.6,     138.6,       0.0);
     ( 405034.8, 3777462.1,     138.8,     138.8,       0.0);         ( 405084.8,
3777462.1,     138.2,     138.2,       0.0);
```

```
     ( 405134.8, 3777462.1,     137.5,     137.5,       0.0);         ( 405184.8,
3777462.1,     138.1,     138.1,       0.0);
     ( 405234.8, 3777462.1,     138.0,     138.0,       0.0);         ( 405284.8,
3777462.1,     137.9,     137.9,       0.0);
     ( 405334.8, 3777462.1,     138.5,     138.5,       0.0);         ( 405384.8,
3777462.1,     138.4,     138.4,       0.0);
     ( 405434.8, 3777462.1,     139.1,     139.1,       0.0);         ( 405484.8,
3777462.1,     139.0,     139.0,       0.0);
     ( 405534.8, 3777462.1,     139.3,     139.3,       0.0);         ( 405584.8,
3777462.1,     138.9,     138.9,       0.0);
     ( 405634.8, 3777462.1,     138.4,     138.4,       0.0);         ( 405684.8,
3777462.1,     138.2,     138.2,       0.0);
     ( 405734.8, 3777462.1,     138.1,     138.1,       0.0);         ( 405784.8,
3777462.1,     137.5,     137.5,       0.0);
     ( 405834.8, 3777462.1,     137.3,     137.3,       0.0);         ( 405884.8,
3777462.1,     137.0,     137.0,       0.0);
     ( 405934.8, 3777462.1,     136.7,     136.7,       0.0);         ( 405984.8,
3777462.1,     136.6,     136.6,       0.0);
     ( 404034.8, 3777512.1,     135.7,     135.7,       0.0);         ( 404084.8,
3777512.1,     136.5,     136.5,       0.0);
     ( 404134.8, 3777512.1,     136.1,     136.1,       0.0);         ( 404184.8,
3777512.1,     136.3,     136.3,       0.0);
     ( 404234.8, 3777512.1,     135.9,     135.9,       0.0);         ( 404284.8,
3777512.1,     136.1,     136.1,       0.0);
     ( 404334.8, 3777512.1,     135.9,     135.9,       0.0);         ( 404384.8,
3777512.1,     136.3,     136.3,       0.0);
     ( 404434.8, 3777512.1,     136.8,     136.8,       0.0);         ( 404484.8,
3777512.1,     137.1,     137.1,       0.0);
     ( 404534.8, 3777512.1,     137.4,     137.4,       0.0);         ( 404584.8,
3777512.1,     137.1,     137.1,       0.0);
     ( 404634.8, 3777512.1,     137.9,     137.9,       0.0);         ( 404684.8,
3777512.1,     137.8,     137.8,       0.0);
     ( 404734.8, 3777512.1,     138.1,     138.1,       0.0);         ( 404784.8,
3777512.1,     137.6,     137.6,       0.0);
     ( 404834.8, 3777512.1,     138.0,     138.0,       0.0);         ( 404884.8,
3777512.1,     138.9,     138.9,       0.0);
     ( 404934.8, 3777512.1,     139.2,     139.2,       0.0);         ( 404984.8,
3777512.1,     139.1,     139.1,       0.0);
     ( 405034.8, 3777512.1,     138.7,     138.7,       0.0);         ( 405084.8,
3777512.1,     138.9,     138.9,       0.0);
     ( 405134.8, 3777512.1,     138.8,     138.8,       0.0);         ( 405184.8,
3777512.1,     138.7,     138.7,       0.0);
     ( 405234.8, 3777512.1,     138.7,     138.7,       0.0);         ( 405284.8,
3777512.1,     138.7,     138.7,       0.0);
     ( 405334.8, 3777512.1,     139.0,     139.0,       0.0);         ( 405384.8,
3777512.1,     139.1,     139.1,       0.0);
     ( 405434.8, 3777512.1,     139.4,     139.4,       0.0);         ( 405484.8,
3777512.1,     139.5,     139.5,       0.0);
     ( 405534.8, 3777512.1,     139.7,     139.7,       0.0);         ( 405584.8,
3777512.1,     139.3,     139.3,       0.0);
```

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

(405034.8, 3777562.1, 139.5, 139.5, 0.0); (405084.8, 3777562.1, 139.4, 139.4, 0.0);
(405134.8, 3777562.1, 139.3, 139.3, 0.0); (405184.8, 3777562.1, 139.1, 139.1, 0.0);
(405234.8, 3777562.1, 139.2, 139.2, 0.0); (405284.8, 3777562.1, 139.2, 139.2, 0.0);
(405334.8, 3777562.1, 139.3, 139.3, 0.0); (405384.8, 3777562.1, 139.5, 139.5, 0.0);
(405434.8, 3777562.1, 139.7, 139.7, 0.0); (405484.8, 3777562.1, 139.9, 139.9, 0.0);

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     ( 405534.8, 3777562.1,     140.1,     140.1,       0.0);         ( 405584.8,
3777562.1,     139.8,     139.8,       0.0);
     ( 405634.8, 3777562.1,     139.1,     139.1,       0.0);         ( 405684.8,
3777562.1,     139.1,     139.1,       0.0);
     ( 405734.8, 3777562.1,     138.9,     138.9,       0.0);         ( 405784.8,
3777562.1,     138.7,     138.7,       0.0);
     ( 405834.8, 3777562.1,     138.4,     138.4,       0.0);         ( 405884.8,
3777562.1,     138.2,     138.2,       0.0);
     ( 405934.8, 3777562.1,     138.0,     138.0,       0.0);         ( 405984.8,
3777562.1,     137.7,     137.7,       0.0);
     ( 404034.8, 3777612.1,     136.5,     136.5,       0.0);         ( 404084.8,
3777612.1,     136.8,     136.8,       0.0);
     ( 404134.8, 3777612.1,     136.1,     136.1,       0.0);         ( 404184.8,
3777612.1,     137.5,     137.5,       0.0);
     ( 404234.8, 3777612.1,     137.6,     137.6,       0.0);         ( 404284.8,
3777612.1,     137.6,     137.6,       0.0);
     ( 404334.8, 3777612.1,     137.4,     137.4,       0.0);         ( 404384.8,
3777612.1,     137.9,     137.9,       0.0);
     ( 404434.8, 3777612.1,     137.7,     137.7,       0.0);         ( 404484.8,
3777612.1,     138.4,     138.4,       0.0);
     ( 404534.8, 3777612.1,     138.7,     138.7,       0.0);         ( 404584.8,
3777612.1,     139.5,     139.5,       0.0);
     ( 404634.8, 3777612.1,     139.2,     139.2,       0.0);         ( 404684.8,
3777612.1,     139.9,     139.9,       0.0);
     ( 404734.8, 3777612.1,     139.9,     139.9,       0.0);         ( 404784.8,
3777612.1,     140.6,     140.6,       0.0);
     ( 404834.8, 3777612.1,     140.7,     140.7,       0.0);         ( 404884.8,
3777612.1,     140.5,     140.5,       0.0);
     ( 404934.8, 3777612.1,     140.4,     140.4,       0.0);         ( 404984.8,
3777612.1,     140.5,     140.5,       0.0);
     ( 405034.8, 3777612.1,     140.3,     140.3,       0.0);         ( 405084.8,
3777612.1,     140.1,     140.1,       0.0);
     ( 405134.8, 3777612.1,     140.0,     140.0,       0.0);         ( 405184.8,
3777612.1,     139.8,     139.8,       0.0);
     ( 405234.8, 3777612.1,     139.8,     139.8,       0.0);         ( 405284.8,
3777612.1,     139.8,     139.8,       0.0);
     ( 405334.8, 3777612.1,     139.9,     139.9,       0.0);         ( 405384.8,
3777612.1,     140.2,     140.2,       0.0);
     ( 405434.8, 3777612.1,     140.5,     140.5,       0.0);         ( 405484.8,
3777612.1,     140.5,     140.5,       0.0);
     ( 405534.8, 3777612.1,     140.6,     140.6,       0.0);         ( 405584.8,
3777612.1,     140.6,     140.6,       0.0);
     ( 405634.8, 3777612.1,     139.9,     139.9,       0.0);         ( 405684.8,
3777612.1,     140.3,     140.3,       0.0);
     ( 405734.8, 3777612.1,     139.6,     139.6,       0.0);         ( 405784.8,
3777612.1,     139.5,     139.5,       0.0);
     ( 405834.8, 3777612.1,     138.9,     138.9,       0.0);         ( 405884.8,
3777612.1,     138.7,     138.7,       0.0);
     ( 405934.8, 3777612.1,     138.6,     138.6,       0.0);         ( 405984.8,
3777612.1,     138.5,     138.5,       0.0);
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(404034.8, 3777662.1, 137.4, 137.4, 0.0); (404084.8, 3777662.1, 137.5, 137.5, 0.0);
(404134.8, 3777662.1, 137.9, 137.9, 0.0); (404184.8, 3777662.1, 137.2, 137.2, 0.0);
(404234.8, 3777662.1, 137.4, 137.4, 0.0); (404284.8, 3777662.1, 138.5, 138.5, 0.0);
(404334.8, 3777662.1, 138.4, 138.4, 0.0); (404384.8, 3777662.1, 138.9, 138.9, 0.0);
(404434.8, 3777662.1, 139.2, 139.2, 0.0); (404484.8, 3777662.1, 139.1, 139.1, 0.0);
(404534.8, 3777662.1, 139.4, 139.4, 0.0); (404584.8, 3777662.1, 138.9, 138.9, 0.0);
(404634.8, 3777662.1, 139.0, 139.0, 0.0); (404684.8, 3777662.1, 140.0, 140.0, 0.0);
(404734.8, 3777662.1, 139.6, 139.6, 0.0); (404784.8, 3777662.1, 141.2, 141.2, 0.0);
(404834.8, 3777662.1, 141.5, 141.5, 0.0); (404884.8, 3777662.1, 141.2, 141.2, 0.0);
(404934.8, 3777662.1, 140.2, 140.2, 0.0); (404984.8, 3777662.1, 140.7, 140.7, 0.0);
(405034.8, 3777662.1, 140.3, 140.3, 0.0); (405084.8, 3777662.1, 140.8, 140.8, 0.0);
(405134.8, 3777662.1, 140.5, 140.5, 0.0); (405184.8, 3777662.1, 140.4, 140.4, 0.0);
(405234.8, 3777662.1, 140.6, 140.6, 0.0); (405284.8, 3777662.1, 140.2, 140.2, 0.0);
(405334.8, 3777662.1, 140.6, 140.6, 0.0); (405384.8, 3777662.1, 140.6, 140.6, 0.0);
(405434.8, 3777662.1, 141.0, 141.0, 0.0); (405484.8, 3777662.1, 141.0, 141.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(405534.8, 3777662.1, 141.4, 141.4, 0.0); (405584.8, 3777662.1, 141.1, 141.1, 0.0);
(405634.8, 3777662.1, 140.6, 140.6, 0.0); (405684.8, 3777662.1, 140.5, 140.5, 0.0);
(405734.8, 3777662.1, 140.2, 140.2, 0.0); (405784.8, 3777662.1, 139.9, 139.9, 0.0);
(405834.8, 3777662.1, 139.4, 139.4, 0.0); (405884.8, 3777662.1, 139.3, 139.3, 0.0);

```
     ( 405934.8, 3777662.1,     139.2,     139.2,       0.0);         ( 405984.8,
3777662.1,     139.2,     139.2,       0.0);
     ( 404034.8, 3777712.1,     138.3,     138.3,       0.0);         ( 404084.8,
3777712.1,     138.2,     138.2,       0.0);
     ( 404134.8, 3777712.1,     139.0,     139.0,       0.0);         ( 404184.8,
3777712.1,     139.3,     139.3,       0.0);
     ( 404234.8, 3777712.1,     138.6,     138.6,       0.0);         ( 404284.8,
3777712.1,     138.6,     138.6,       0.0);
     ( 404334.8, 3777712.1,     139.3,     139.3,       0.0);         ( 404384.8,
3777712.1,     139.5,     139.5,       0.0);
     ( 404434.8, 3777712.1,     139.5,     139.5,       0.0);         ( 404484.8,
3777712.1,     139.7,     139.7,       0.0);
     ( 404534.8, 3777712.1,     139.7,     139.7,       0.0);         ( 404584.8,
3777712.1,     140.0,     140.0,       0.0);
     ( 404634.8, 3777712.1,     140.1,     140.1,       0.0);         ( 404684.8,
3777712.1,     139.3,     139.3,       0.0);
     ( 404734.8, 3777712.1,     140.9,     140.9,       0.0);         ( 404784.8,
3777712.1,     141.2,     141.2,       0.0);
     ( 404834.8, 3777712.1,     141.5,     141.5,       0.0);         ( 404884.8,
3777712.1,     141.5,     141.5,       0.0);
     ( 404934.8, 3777712.1,     141.6,     141.6,       0.0);         ( 404984.8,
3777712.1,     141.7,     141.7,       0.0);
     ( 405034.8, 3777712.1,     141.6,     141.6,       0.0);         ( 405084.8,
3777712.1,     141.5,     141.5,       0.0);
     ( 405134.8, 3777712.1,     141.6,     141.6,       0.0);         ( 405184.8,
3777712.1,     141.1,     141.1,       0.0);
     ( 405234.8, 3777712.1,     141.3,     141.3,       0.0);         ( 405284.8,
3777712.1,     141.0,     141.0,       0.0);
     ( 405334.8, 3777712.1,     141.3,     141.3,       0.0);         ( 405384.8,
3777712.1,     141.5,     141.5,       0.0);
     ( 405434.8, 3777712.1,     141.6,     141.6,       0.0);         ( 405484.8,
3777712.1,     141.6,     141.6,       0.0);
     ( 405534.8, 3777712.1,     142.0,     142.0,       0.0);         ( 405584.8,
3777712.1,     141.9,     141.9,       0.0);
     ( 405634.8, 3777712.1,     141.5,     141.5,       0.0);         ( 405684.8,
3777712.1,     141.3,     141.3,       0.0);
     ( 405734.8, 3777712.1,     141.1,     141.1,       0.0);         ( 405784.8,
3777712.1,     140.6,     140.6,       0.0);
     ( 405834.8, 3777712.1,     140.2,     140.2,       0.0);         ( 405884.8,
3777712.1,     140.0,     140.0,       0.0);
     ( 405934.8, 3777712.1,     140.0,     140.0,       0.0);         ( 405984.8,
3777712.1,     139.9,     139.9,       0.0);
     ( 404034.8, 3777762.1,     138.8,     138.8,       0.0);         ( 404084.8,
3777762.1,     139.3,     139.3,       0.0);
     ( 404134.8, 3777762.1,     140.0,     140.0,       0.0);         ( 404184.8,
3777762.1,     139.6,     139.6,       0.0);
     ( 404234.8, 3777762.1,     139.7,     139.7,       0.0);         ( 404284.8,
3777762.1,     140.0,     140.0,       0.0);
     ( 404334.8, 3777762.1,     139.8,     139.8,       0.0);         ( 404384.8,
3777762.1,     140.2,     140.2,       0.0);
```

```
     ( 404434.8, 3777762.1,     140.1,     140.1,       0.0);         ( 404484.8,
3777762.1,     140.3,     140.3,       0.0);
     ( 404534.8, 3777762.1,     140.4,     140.4,       0.0);         ( 404584.8,
3777762.1,     140.6,     140.6,       0.0);
     ( 404634.8, 3777762.1,     140.8,     140.8,       0.0);         ( 404684.8,
3777762.1,     141.1,     141.1,       0.0);
     ( 404734.8, 3777762.1,     141.2,     141.2,       0.0);         ( 404784.8,
3777762.1,     141.3,     141.3,       0.0);
     ( 404834.8, 3777762.1,     142.7,     142.7,       0.0);         ( 404884.8,
3777762.1,     142.2,     142.2,       0.0);
     ( 404934.8, 3777762.1,     142.2,     142.2,       0.0);         ( 404984.8,
3777762.1,     142.4,     142.4,       0.0);
     ( 405034.8, 3777762.1,     142.4,     142.4,       0.0);         ( 405084.8,
3777762.1,     142.2,     142.2,       0.0);
     ( 405134.8, 3777762.1,     142.0,     142.0,       0.0);         ( 405184.8,
3777762.1,     141.8,     141.8,       0.0);
     ( 405234.8, 3777762.1,     141.8,     141.8,       0.0);         ( 405284.8,
3777762.1,     141.9,     141.9,       0.0);
     ( 405334.8, 3777762.1,     141.9,     141.9,       0.0);         ( 405384.8,
3777762.1,     142.2,     142.2,       0.0);
     ( 405434.8, 3777762.1,     142.7,     142.7,       0.0);         ( 405484.8,
3777762.1,     142.0,     142.0,       0.0);
     ( 405534.8, 3777762.1,     141.4,     141.4,       0.0);         ( 405584.8,
3777762.1,     142.5,     142.5,       0.0);
     ( 405634.8, 3777762.1,     142.1,     142.1,       0.0);         ( 405684.8,
3777762.1,     142.0,     142.0,       0.0);
     ( 405734.8, 3777762.1,     140.5,     140.5,       0.0);         ( 405784.8,
3777762.1,     140.8,     140.8,       0.0);
     ( 405834.8, 3777762.1,     141.0,     141.0,       0.0);         ( 405884.8,
3777762.1,     140.6,     140.6,       0.0);
     ( 405934.8, 3777762.1,     140.6,     140.6,       0.0);         ( 405984.8,
3777762.1,     140.5,     140.5,       0.0);
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                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     ( 404034.8, 3777812.1,     139.3,     139.3,       0.0);         ( 404084.8,
3777812.1,     140.2,     140.2,       0.0);
     ( 404134.8, 3777812.1,     140.4,     140.4,       0.0);         ( 404184.8,
3777812.1,     140.0,     140.0,       0.0);
     ( 404234.8, 3777812.1,     139.9,     139.9,       0.0);         ( 404284.8,
3777812.1,     140.2,     140.2,       0.0);
```

```
     ( 404334.8, 3777812.1,     139.9,     139.9,       0.0);         ( 404384.8,
3777812.1,     140.5,     140.5,       0.0);
     ( 404434.8, 3777812.1,     140.9,     140.9,       0.0);         ( 404484.8,
3777812.1,     141.0,     141.0,       0.0);
     ( 404534.8, 3777812.1,     140.9,     140.9,       0.0);         ( 404584.8,
3777812.1,     141.2,     141.2,       0.0);
     ( 404634.8, 3777812.1,     141.5,     141.5,       0.0);         ( 404684.8,
3777812.1,     141.7,     141.7,       0.0);
     ( 404734.8, 3777812.1,     141.3,     141.3,       0.0);         ( 404784.8,
3777812.1,     141.3,     141.3,       0.0);
     ( 404834.8, 3777812.1,     143.2,     143.2,       0.0);         ( 404884.8,
3777812.1,     142.7,     142.7,       0.0);
     ( 404934.8, 3777812.1,     142.7,     142.7,       0.0);         ( 404984.8,
3777812.1,     142.8,     142.8,       0.0);
     ( 405034.8, 3777812.1,     142.4,     142.4,       0.0);         ( 405084.8,
3777812.1,     142.6,     142.6,       0.0);
     ( 405134.8, 3777812.1,     142.6,     142.6,       0.0);         ( 405184.8,
3777812.1,     142.5,     142.5,       0.0);
     ( 405234.8, 3777812.1,     142.6,     142.6,       0.0);         ( 405284.8,
3777812.1,     142.6,     142.6,       0.0);
     ( 405334.8, 3777812.1,     142.7,     142.7,       0.0);         ( 405384.8,
3777812.1,     142.9,     142.9,       0.0);
     ( 405434.8, 3777812.1,     142.9,     142.9,       0.0);         ( 405484.8,
3777812.1,     142.8,     142.8,       0.0);
     ( 405534.8, 3777812.1,     142.8,     142.8,       0.0);         ( 405584.8,
3777812.1,     142.7,     142.7,       0.0);
     ( 405634.8, 3777812.1,     142.5,     142.5,       0.0);         ( 405684.8,
3777812.1,     141.9,     141.9,       0.0);
     ( 405734.8, 3777812.1,     142.0,     142.0,       0.0);         ( 405784.8,
3777812.1,     141.7,     141.7,       0.0);
     ( 405834.8, 3777812.1,     141.4,     141.4,       0.0);         ( 405884.8,
3777812.1,     141.3,     141.3,       0.0);
     ( 405934.8, 3777812.1,     141.2,     141.2,       0.0);         ( 405984.8,
3777812.1,     140.7,     140.7,       0.0);
     ( 404034.8, 3777862.1,     139.8,     139.8,       0.0);         ( 404084.8,
3777862.1,     140.2,     140.2,       0.0);
     ( 404134.8, 3777862.1,     140.4,     140.4,       0.0);         ( 404184.8,
3777862.1,     140.4,     140.4,       0.0);
     ( 404234.8, 3777862.1,     140.7,     140.7,       0.0);         ( 404284.8,
3777862.1,     140.6,     140.6,       0.0);
     ( 404334.8, 3777862.1,     140.9,     140.9,       0.0);         ( 404384.8,
3777862.1,     141.0,     141.0,       0.0);
     ( 404434.8, 3777862.1,     141.2,     141.2,       0.0);         ( 404484.8,
3777862.1,     141.5,     141.5,       0.0);
     ( 404534.8, 3777862.1,     141.2,     141.2,       0.0);         ( 404584.8,
3777862.1,     141.7,     141.7,       0.0);
     ( 404634.8, 3777862.1,     142.0,     142.0,       0.0);         ( 404684.8,
3777862.1,     142.3,     142.3,       0.0);
     ( 404734.8, 3777862.1,     142.5,     142.5,       0.0);         ( 404784.8,
3777862.1,     142.8,     142.8,       0.0);
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     ( 404734.8, 3777912.1,     143.0,     143.0,       0.0);         ( 404784.8,
3777912.1,     143.1,     143.1,       0.0);
     ( 404834.8, 3777912.1,     143.9,     143.9,       0.0);         ( 404884.8,
3777912.1,     143.9,     143.9,       0.0);
     ( 404934.8, 3777912.1,     144.0,     144.0,       0.0);         ( 404984.8,
3777912.1,     144.2,     144.2,       0.0);
     ( 405034.8, 3777912.1,     144.2,     144.2,       0.0);         ( 405084.8,
3777912.1,     144.3,     144.3,       0.0);
     ( 405134.8, 3777912.1,     143.8,     143.8,       0.0);         ( 405184.8,
3777912.1,     143.8,     143.8,       0.0);
     ( 405234.8, 3777912.1,     144.0,     144.0,       0.0);         ( 405284.8,
3777912.1,     144.0,     144.0,       0.0);
     ( 405334.8, 3777912.1,     143.9,     143.9,       0.0);         ( 405384.8,
3777912.1,     144.1,     144.1,       0.0);
     ( 405434.8, 3777912.1,     144.1,     144.1,       0.0);         ( 405484.8,
3777912.1,     144.2,     144.2,       0.0);
     ( 405534.8, 3777912.1,     144.6,     144.6,       0.0);         ( 405584.8,
3777912.1,     144.1,     144.1,       0.0);
     ( 405634.8, 3777912.1,     143.6,     143.6,       0.0);         ( 405684.8,
3777912.1,     143.2,     143.2,       0.0);
     ( 405734.8, 3777912.1,     143.1,     143.1,       0.0);         ( 405784.8,
3777912.1,     142.6,     147.8,       0.0);
     ( 405834.8, 3777912.1,     142.7,     147.8,       0.0);         ( 405884.8,
3777912.1,     146.2,     146.2,       0.0);
     ( 405934.8, 3777912.1,     142.6,     147.1,       0.0);         ( 405984.8,
3777912.1,     142.5,     146.4,       0.0);
     ( 404034.8, 3777962.1,     140.8,     140.8,       0.0);         ( 404084.8,
3777962.1,     141.1,     141.1,       0.0);
     ( 404134.8, 3777962.1,     141.3,     141.3,       0.0);         ( 404184.8,
3777962.1,     141.5,     141.5,       0.0);
     ( 404234.8, 3777962.1,     141.3,     141.3,       0.0);         ( 404284.8,
3777962.1,     141.7,     141.7,       0.0);
     ( 404334.8, 3777962.1,     141.9,     141.9,       0.0);         ( 404384.8,
3777962.1,     142.6,     142.6,       0.0);
     ( 404434.8, 3777962.1,     142.5,     142.5,       0.0);         ( 404484.8,
3777962.1,     142.9,     142.9,       0.0);
     ( 404534.8, 3777962.1,     143.0,     143.0,       0.0);         ( 404584.8,
3777962.1,     142.8,     142.8,       0.0);
     ( 404634.8, 3777962.1,     143.2,     143.2,       0.0);         ( 404684.8,
3777962.1,     143.4,     143.4,       0.0);
     ( 404734.8, 3777962.1,     143.2,     143.2,       0.0);         ( 404784.8,
3777962.1,     143.7,     143.7,       0.0);
     ( 404834.8, 3777962.1,     144.4,     144.4,       0.0);         ( 404884.8,
3777962.1,     144.5,     144.5,       0.0);
     ( 404934.8, 3777962.1,     144.8,     144.8,       0.0);         ( 404984.8,
3777962.1,     144.8,     144.8,       0.0);
     ( 405034.8, 3777962.1,     144.8,     144.8,       0.0);         ( 405084.8,
3777962.1,     144.8,     144.8,       0.0);
     ( 405134.8, 3777962.1,     144.6,     144.6,       0.0);         ( 405184.8,
3777962.1,     144.5,     144.5,       0.0);
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     ( 405234.8, 3777962.1,     144.5,     144.5,       0.0);         ( 405284.8,
3777962.1,     144.6,     144.6,       0.0);
     ( 405334.8, 3777962.1,     144.6,     144.6,       0.0);         ( 405384.8,
3777962.1,     144.2,     144.2,       0.0);
     ( 405434.8, 3777962.1,     144.9,     144.9,       0.0);         ( 405484.8,
3777962.1,     144.8,     144.8,       0.0);
     ( 405534.8, 3777962.1,     144.8,     144.8,       0.0);         ( 405584.8,
3777962.1,     144.4,     144.4,       0.0);
     ( 405634.8, 3777962.1,     144.2,     144.2,       0.0);         ( 405684.8,
3777962.1,     144.5,     144.5,       0.0);
     ( 405734.8, 3777962.1,     145.2,     147.3,       0.0);         ( 405784.8,
3777962.1,     145.3,     145.3,       0.0);
     ( 405834.8, 3777962.1,     144.2,     147.8,       0.0);         ( 405884.8,
3777962.1,     143.5,     143.5,       0.0);
     ( 405934.8, 3777962.1,     142.4,     142.4,       0.0);         ( 405984.8,
3777962.1,     141.9,     141.9,       0.0);
     ( 404034.8, 3778012.1,     141.4,     141.4,       0.0);         ( 404084.8,
3778012.1,     141.6,     141.6,       0.0);
     ( 404134.8, 3778012.1,     141.9,     141.9,       0.0);         ( 404184.8,
3778012.1,     142.0,     142.0,       0.0);
     ( 404234.8, 3778012.1,     141.9,     141.9,       0.0);         ( 404284.8,
3778012.1,     142.1,     142.1,       0.0);
     ( 404334.8, 3778012.1,     142.7,     142.7,       0.0);         ( 404384.8,
3778012.1,     143.9,     143.9,       0.0);
     ( 404434.8, 3778012.1,     143.1,     143.1,       0.0);         ( 404484.8,
3778012.1,     143.4,     143.4,       0.0);
     ( 404534.8, 3778012.1,     143.6,     143.6,       0.0);         ( 404584.8,
3778012.1,     143.9,     143.9,       0.0);
     ( 404634.8, 3778012.1,     144.1,     144.1,       0.0);         ( 404684.8,
3778012.1,     144.1,     144.1,       0.0);
     ( 404734.8, 3778012.1,     144.1,     144.1,       0.0);         ( 404784.8,
3778012.1,     144.4,     144.4,       0.0);
     ( 404834.8, 3778012.1,     144.9,     144.9,       0.0);         ( 404884.8,
3778012.1,     145.1,     145.1,       0.0);
     ( 404934.8, 3778012.1,     145.6,     145.6,       0.0);         ( 404984.8,
3778012.1,     145.2,     145.2,       0.0);
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

     ( 405034.8, 3778012.1,     145.5,     145.5,       0.0);         ( 405084.8,
3778012.1,     145.1,     145.1,       0.0);
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     ( 405134.8, 3778012.1,     145.2,     145.2,       0.0);         ( 405184.8,
3778012.1,     145.2,     145.2,       0.0);
     ( 405234.8, 3778012.1,     145.3,     145.3,       0.0);         ( 405284.8,
3778012.1,     145.2,     145.2,       0.0);
     ( 405334.8, 3778012.1,     145.9,     145.9,       0.0);         ( 405384.8,
3778012.1,     145.5,     145.5,       0.0);
     ( 405434.8, 3778012.1,     145.6,     145.6,       0.0);         ( 405484.8,
3778012.1,     145.4,     145.4,       0.0);
     ( 405534.8, 3778012.1,     145.3,     145.3,       0.0);         ( 405584.8,
3778012.1,     144.9,     144.9,       0.0);
     ( 405634.8, 3778012.1,     144.4,     149.9,       0.0);         ( 405684.8,
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     ( 405734.8, 3778012.1,     145.6,     148.2,       0.0);         ( 405784.8,
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     ( 404234.8, 3778062.1,     142.7,     142.7,       0.0);         ( 404284.8,
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     ( 404334.8, 3778062.1,     143.7,     143.7,       0.0);         ( 404384.8,
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     ( 404434.8, 3778062.1,     143.4,     143.4,       0.0);         ( 404484.8,
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     ( 405334.8, 3778062.1,     145.7,     145.7,       0.0);         ( 405384.8,
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     ( 404634.8, 3778112.1,     145.3,     145.3,       0.0);         ( 404684.8,
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     ( 404734.8, 3778112.1,     145.4,     145.4,       0.0);         ( 404784.8,
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     ( 405134.8, 3778112.1,     146.7,     146.7,       0.0);         ( 405184.8,
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 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
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                                    PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)
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     ( 405734.8, 3778112.1,     145.7,     145.7,       0.0);         ( 405784.8,
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     ( 405834.8, 3778112.1,     145.7,     145.7,       0.0);         ( 405884.8,
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     ( 405934.8, 3778112.1,     143.8,     143.8,       0.0);         ( 405984.8,
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     ( 404234.8, 3778162.1,     144.5,     144.5,       0.0);         ( 404284.8,
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     ( 404284.8, 3778412.1,     147.9,     147.9,       0.0);         ( 404334.8,
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     ( 404284.8, 3778462.1,     148.5,     148.5,       0.0);         ( 404334.8,
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3778462.1,     149.5,     149.5,       0.0);
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

(METERS)

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 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(404334.8, 3778712.1, 152.8, 152.8, 0.0); (404384.8, 3778712.1, 153.0, 153.0, 0.0);
(404434.8, 3778712.1, 153.6, 153.6, 0.0); (404484.8, 3778712.1, 153.6, 153.6, 0.0);
(404534.8, 3778712.1, 154.0, 154.0, 0.0); (404584.8, 3778712.1, 154.0, 154.0, 0.0);
(404634.8, 3778712.1, 154.2, 154.2, 0.0); (404684.8, 3778712.1, 154.5, 154.5, 0.0);
(405534.8, 3778712.1, 155.3, 160.9, 0.0); (405584.8, 3778712.1, 153.3, 160.9, 0.0);
(405634.8, 3778712.1, 152.7, 160.1, 0.0); (405684.8, 3778712.1, 152.3, 152.3, 0.0);
(405734.8, 3778712.1, 152.0, 152.0, 0.0); (405784.8, 3778712.1, 151.5, 151.5, 0.0);
(405834.8, 3778712.1, 151.3, 151.3, 0.0); (405884.8, 3778712.1, 150.7, 150.7, 0.0);
(405934.8, 3778712.1, 150.3, 150.3, 0.0); (405984.8, 3778712.1, 150.1, 150.1, 0.0);
(404034.8, 3778762.1, 154.7, 176.0, 0.0); (404084.8, 3778762.1, 153.3, 153.3, 0.0);
(404134.8, 3778762.1, 153.3, 153.3, 0.0); (404184.8, 3778762.1, 153.1, 153.1, 0.0);
(404234.8, 3778762.1, 153.3, 153.3, 0.0); (404284.8, 3778762.1, 153.4, 153.4, 0.0);
(404334.8, 3778762.1, 153.7, 153.7, 0.0); (404384.8, 3778762.1, 153.9, 153.9, 0.0);
(404434.8, 3778762.1, 154.3, 154.3, 0.0); (404484.8, 3778762.1, 154.7, 154.7, 0.0);
(404534.8, 3778762.1, 154.9, 154.9, 0.0); (404584.8, 3778762.1, 155.2, 155.2, 0.0);
(404634.8, 3778762.1, 154.8, 154.8, 0.0); (404684.8, 3778762.1, 153.4, 157.1, 0.0);
(405484.8, 3778762.1, 155.0, 155.0, 0.0); (405534.8, 3778762.1, 154.0, 154.0, 0.0);
(405584.8, 3778762.1, 153.6, 153.6, 0.0); (405634.8, 3778762.1, 153.2, 153.2, 0.0);
(405684.8, 3778762.1, 152.8, 152.8, 0.0); (405734.8, 3778762.1, 152.3, 152.3, 0.0);
(405784.8, 3778762.1, 152.0, 152.0, 0.0); (405834.8, 3778762.1, 151.6, 151.6, 0.0);
(405884.8, 3778762.1, 151.2, 151.2, 0.0); (405934.8, 3778762.1, 151.0, 151.0, 0.0);
(405984.8, 3778762.1, 150.5, 150.5, 0.0); (404034.8, 3778812.1, 155.1, 155.1, 0.0);
(404084.8, 3778812.1, 154.3, 154.3, 0.0); (404134.8, 3778812.1, 154.1, 154.1, 0.0);

```
     ( 404184.8, 3778812.1,     154.0,     154.0,       0.0);         ( 404234.8,
3778812.1,     154.5,     154.5,       0.0);
     ( 404284.8, 3778812.1,     154.7,     154.7,       0.0);         ( 404334.8,
3778812.1,     154.8,     154.8,       0.0);
     ( 404384.8, 3778812.1,     155.1,     155.1,       0.0);         ( 404434.8,
3778812.1,     155.4,     155.4,       0.0);
     ( 404484.8, 3778812.1,     155.6,     155.6,       0.0);         ( 404534.8,
3778812.1,     155.8,     155.8,       0.0);
     ( 404584.8, 3778812.1,     155.8,     155.8,       0.0);         ( 404634.8,
3778812.1,     156.0,     156.0,       0.0);
     ( 404684.8, 3778812.1,     157.5,     157.5,       0.0);         ( 404734.8,
3778812.1,     156.5,     156.5,       0.0);
     ( 404784.8, 3778812.1,     156.3,     156.3,       0.0);         ( 404834.8,
3778812.1,     156.4,     156.4,       0.0);
     ( 404884.8, 3778812.1,     156.4,     156.4,       0.0);         ( 404934.8,
3778812.1,     156.7,     156.7,       0.0);
     ( 404984.8, 3778812.1,     156.9,     156.9,       0.0);         ( 405034.8,
3778812.1,     156.5,     156.5,       0.0);
     ( 405084.8, 3778812.1,     157.1,     157.1,       0.0);         ( 405134.8,
3778812.1,     156.9,     164.5,       0.0);
     ( 405184.8, 3778812.1,     156.6,     164.5,       0.0);         ( 405234.8,
3778812.1,     160.8,     163.9,       0.0);
     ( 405284.8, 3778812.1,     162.4,     163.9,       0.0);         ( 405384.8,
3778812.1,     155.8,     163.7,       0.0);
     ( 405434.8, 3778812.1,     155.1,     155.1,       0.0);         ( 405484.8,
3778812.1,     154.5,     154.5,       0.0);
     ( 405534.8, 3778812.1,     154.5,     154.5,       0.0);         ( 405584.8,
3778812.1,     154.1,     154.1,       0.0);
     ( 405634.8, 3778812.1,     153.7,     153.7,       0.0);         ( 405684.8,
3778812.1,     153.2,     153.2,       0.0);
     ( 405734.8, 3778812.1,     153.0,     153.0,       0.0);         ( 405784.8,
3778812.1,     152.7,     152.7,       0.0);
     ( 405834.8, 3778812.1,     152.3,     152.3,       0.0);         ( 405884.8,
3778812.1,     151.9,     151.9,       0.0);
     ( 405934.8, 3778812.1,     151.5,     151.5,       0.0);         ( 405984.8,
3778812.1,     151.2,     151.2,       0.0);
     ( 404034.8, 3778862.1,     156.2,     164.5,       0.0);         ( 404084.8,
3778862.1,     155.4,     164.5,       0.0);
     ( 404134.8, 3778862.1,     155.0,     155.0,       0.0);         ( 404184.8,
3778862.1,     155.0,     155.0,       0.0);
     ( 404234.8, 3778862.1,     155.7,     155.7,       0.0);         ( 404284.8,
3778862.1,     155.7,     155.7,       0.0);
     ( 404334.8, 3778862.1,     155.9,     155.9,       0.0);         ( 404384.8,
3778862.1,     156.1,     156.1,       0.0);
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:36:39
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(404434.8, 3778862.1, 156.5, 156.5, 0.0); (404484.8, 3778862.1, 156.7, 156.7, 0.0);
(404534.8, 3778862.1, 157.0, 157.0, 0.0); (404584.8, 3778862.1, 158.2, 158.2, 0.0);
(404634.8, 3778862.1, 158.1, 158.1, 0.0); (404684.8, 3778862.1, 157.5, 157.5, 0.0);
(404734.8, 3778862.1, 157.5, 157.5, 0.0); (404784.8, 3778862.1, 157.2, 157.2, 0.0);
(404834.8, 3778862.1, 157.4, 157.4, 0.0); (404884.8, 3778862.1, 157.3, 157.3, 0.0);
(404934.8, 3778862.1, 157.5, 157.5, 0.0); (404984.8, 3778862.1, 157.7, 157.7, 0.0);
(405034.8, 3778862.1, 158.0, 158.0, 0.0); (405084.8, 3778862.1, 157.7, 165.2, 0.0);
(405134.8, 3778862.1, 160.2, 165.2, 0.0); (405184.8, 3778862.1, 157.4, 165.2, 0.0);
(405234.8, 3778862.1, 164.2, 164.2, 0.0); (405284.8, 3778862.1, 160.9, 164.1, 0.0);
(405334.8, 3778862.1, 156.7, 163.9, 0.0); (405384.8, 3778862.1, 155.7, 163.3, 0.0);
(405434.8, 3778862.1, 155.2, 155.2, 0.0); (405484.8, 3778862.1, 154.9, 154.9, 0.0);
(405534.8, 3778862.1, 154.9, 154.9, 0.0); (405584.8, 3778862.1, 154.6, 154.6, 0.0);
(405634.8, 3778862.1, 154.3, 154.3, 0.0); (405684.8, 3778862.1, 153.9, 153.9, 0.0);
(405734.8, 3778862.1, 153.4, 153.4, 0.0); (405784.8, 3778862.1, 153.2, 153.2, 0.0);
(405834.8, 3778862.1, 152.8, 152.8, 0.0); (405884.8, 3778862.1, 152.5, 152.5, 0.0);
(405934.8, 3778862.1, 152.3, 152.3, 0.0); (405984.8, 3778862.1, 151.4, 151.4, 0.0);
(404034.8, 3778912.1, 163.5, 163.5, 0.0); (404084.8, 3778912.1, 156.4, 165.7, 0.0);
(404134.8, 3778912.1, 155.9, 164.7, 0.0); (404184.8, 3778912.1, 155.8, 155.8, 0.0);
(404234.8, 3778912.1, 156.5, 156.5, 0.0); (404284.8, 3778912.1, 157.0, 157.0, 0.0);
(404334.8, 3778912.1, 157.2, 157.2, 0.0); (404384.8, 3778912.1, 157.4, 157.4, 0.0);
(404434.8, 3778912.1, 157.4, 157.4, 0.0); (404484.8, 3778912.1, 157.8, 157.8, 0.0);
(404534.8, 3778912.1, 159.9, 161.7, 0.0); (404584.8, 3778912.1, 158.5, 158.5, 0.0);

```
     ( 404634.8, 3778912.1,     158.3,     158.3,       0.0);         ( 404684.8,
3778912.1,     158.3,     158.3,       0.0);
     ( 404734.8, 3778912.1,     158.4,     158.4,       0.0);         ( 404784.8,
3778912.1,     158.2,     158.2,       0.0);
     ( 404834.8, 3778912.1,     158.1,     158.1,       0.0);         ( 404884.8,
3778912.1,     158.1,     158.1,       0.0);
     ( 404934.8, 3778912.1,     158.5,     158.5,       0.0);         ( 404984.8,
3778912.1,     158.5,     165.9,       0.0);
     ( 405034.8, 3778912.1,     159.5,     166.5,       0.0);         ( 405084.8,
3778912.1,     164.8,     164.8,       0.0);
     ( 405134.8, 3778912.1,     165.1,     165.1,       0.0);         ( 405184.8,
3778912.1,     157.8,     165.6,       0.0);
     ( 405234.8, 3778912.1,     158.1,     164.5,       0.0);         ( 405284.8,
3778912.1,     157.8,     164.2,       0.0);
     ( 405334.8, 3778912.1,     157.4,     157.4,       0.0);         ( 405384.8,
3778912.1,     156.1,     156.1,       0.0);
     ( 405434.8, 3778912.1,     156.4,     156.4,       0.0);         ( 405484.8,
3778912.1,     156.0,     156.0,       0.0);
     ( 405534.8, 3778912.1,     156.1,     156.1,       0.0);         ( 405584.8,
3778912.1,     155.4,     155.4,       0.0);
     ( 405634.8, 3778912.1,     155.0,     155.0,       0.0);         ( 405684.8,
3778912.1,     154.5,     154.5,       0.0);
     ( 405734.8, 3778912.1,     154.4,     154.4,       0.0);         ( 405784.8,
3778912.1,     154.0,     154.0,       0.0);
     ( 405834.8, 3778912.1,     153.5,     153.5,       0.0);         ( 405884.8,
3778912.1,     152.9,     152.9,       0.0);
     ( 405934.8, 3778912.1,     152.5,     152.5,       0.0);         ( 405984.8,
3778912.1,     151.8,     151.8,       0.0);
     ( 404034.8, 3778962.1,     165.3,     165.3,       0.0);         ( 404084.8,
3778962.1,     162.2,     162.2,       0.0);
     ( 404134.8, 3778962.1,     157.3,     165.3,       0.0);         ( 404184.8,
3778962.1,     156.9,     156.9,       0.0);
     ( 404234.8, 3778962.1,     155.5,     157.6,       0.0);         ( 404284.8,
3778962.1,     158.4,     158.4,       0.0);
     ( 404334.8, 3778962.1,     158.5,     166.9,       0.0);         ( 404384.8,
3778962.1,     158.6,     165.1,       0.0);
     ( 404434.8, 3778962.1,     158.7,     165.1,       0.0);         ( 404484.8,
3778962.1,     159.6,     163.4,       0.0);
     ( 404534.8, 3778962.1,     159.9,     161.9,       0.0);         ( 404584.8,
3778962.1,     159.2,     159.2,       0.0);
     ( 404634.8, 3778962.1,     159.1,     159.1,       0.0);         ( 404684.8,
3778962.1,     159.1,     159.1,       0.0);
     ( 404734.8, 3778962.1,     159.4,     159.4,       0.0);         ( 404784.8,
3778962.1,     159.8,     159.8,       0.0);
     ( 404834.8, 3778962.1,     159.2,     159.2,       0.0);         ( 404884.8,
3778962.1,     159.0,     166.2,       0.0);
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:36:39
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(404934.8, 3778962.1, 159.6, 167.8, 0.0); (404984.8, 3778962.1, 163.9, 165.5, 0.0);
(405034.8, 3778962.1, 165.7, 165.7, 0.0); (405084.8, 3778962.1, 166.1, 166.1, 0.0);
(405134.8, 3778962.1, 162.1, 165.7, 0.0); (405184.8, 3778962.1, 158.7, 165.6, 0.0);
(405234.8, 3778962.1, 158.6, 158.6, 0.0); (405284.8, 3778962.1, 158.1, 158.1, 0.0);
(405334.8, 3778962.1, 157.6, 157.6, 0.0); (405384.8, 3778962.1, 156.8, 157.8, 0.0);
(405434.8, 3778962.1, 157.1, 157.1, 0.0); (405484.8, 3778962.1, 157.1, 157.1, 0.0);
(405534.8, 3778962.1, 156.6, 156.6, 0.0); (405584.8, 3778962.1, 156.1, 156.1, 0.0);
(405634.8, 3778962.1, 155.8, 155.8, 0.0); (405684.8, 3778962.1, 155.4, 155.4, 0.0);
(405734.8, 3778962.1, 154.8, 154.8, 0.0); (405784.8, 3778962.1, 154.3, 154.3, 0.0);
(405834.8, 3778962.1, 153.9, 153.9, 0.0); (405884.8, 3778962.1, 153.1, 153.1, 0.0);
(405934.8, 3778962.1, 152.8, 152.8, 0.0); (405984.8, 3778962.1, 152.0, 152.0, 0.0);
(404034.8, 3779012.1, 166.0, 166.0, 0.0); (404084.8, 3779012.1, 164.6, 164.6, 0.0);
(404134.8, 3779012.1, 161.6, 164.1, 0.0); (404184.8, 3779012.1, 158.3, 158.3, 0.0);
(404234.8, 3779012.1, 158.0, 158.0, 0.0); (404284.8, 3779012.1, 159.1, 166.9, 0.0);
(404334.8, 3779012.1, 159.6, 166.9, 0.0); (404384.8, 3779012.1, 160.5, 166.9, 0.0);
(404434.8, 3779012.1, 162.0, 165.1, 0.0); (404484.8, 3779012.1, 160.6, 160.6, 0.0);
(404534.8, 3779012.1, 159.7, 159.7, 0.0); (404584.8, 3779012.1, 159.7, 159.7, 0.0);
(404634.8, 3779012.1, 160.1, 167.7, 0.0); (404684.8, 3779012.1, 160.5, 167.8, 0.0);
(404734.8, 3779012.1, 160.5, 167.9, 0.0); (404784.8, 3779012.1, 163.0, 166.3, 0.0);
(404834.8, 3779012.1, 163.0, 166.8, 0.0); (404884.8, 3779012.1, 160.4, 168.3, 0.0);
(404934.8, 3779012.1, 166.5, 166.5, 0.0); (404984.8, 3779012.1, 166.8, 166.8, 0.0);

```
     ( 405034.8, 3779012.1,     166.0,     166.0,       0.0);         ( 405084.8,
3779012.1,     164.6,     164.6,       0.0);
     ( 405134.8, 3779012.1,     160.1,     165.1,       0.0);         ( 405184.8,
3779012.1,     159.3,     159.3,       0.0);
     ( 405234.8, 3779012.1,     159.4,     159.4,       0.0);         ( 405284.8,
3779012.1,     159.0,     159.0,       0.0);
     ( 405334.8, 3779012.1,     158.9,     158.9,       0.0);         ( 405384.8,
3779012.1,     157.9,     157.9,       0.0);
     ( 405434.8, 3779012.1,     158.2,     158.2,       0.0);         ( 405484.8,
3779012.1,     157.8,     157.8,       0.0);
     ( 405534.8, 3779012.1,     157.3,     157.3,       0.0);         ( 405584.8,
3779012.1,     156.9,     156.9,       0.0);
     ( 405634.8, 3779012.1,     156.6,     156.6,       0.0);         ( 405684.8,
3779012.1,     156.0,     156.0,       0.0);
     ( 405734.8, 3779012.1,     155.2,     155.2,       0.0);         ( 405784.8,
3779012.1,     155.0,     155.0,       0.0);
     ( 405834.8, 3779012.1,     154.5,     154.5,       0.0);         ( 405884.8,
3779012.1,     153.6,     153.6,       0.0);
     ( 405934.8, 3779012.1,     153.0,     153.0,       0.0);         ( 405984.8,
3779012.1,     152.1,     152.1,       0.0);
     ( 404034.8, 3779062.1,     167.5,     167.5,       0.0);         ( 404084.8,
3779062.1,     165.4,     165.4,       0.0);
     ( 404134.8, 3779062.1,     161.8,     172.2,       0.0);         ( 404184.8,
3779062.1,     159.9,     172.2,       0.0);
     ( 404234.8, 3779062.1,     161.1,     169.4,       0.0);         ( 404284.8,
3779062.1,     161.2,     169.2,       0.0);
     ( 404334.8, 3779062.1,     163.5,     166.9,       0.0);         ( 404384.8,
3779062.1,     161.7,     166.9,       0.0);
     ( 404434.8, 3779062.1,     161.7,     168.7,       0.0);         ( 404484.8,
3779062.1,     162.4,     168.7,       0.0);
     ( 404534.8, 3779062.1,     162.9,     168.5,       0.0);         ( 404584.8,
3779062.1,     163.5,     168.4,       0.0);
     ( 404634.8, 3779062.1,     165.0,     165.0,       0.0);         ( 404684.8,
3779062.1,     167.1,     167.1,       0.0);
     ( 404734.8, 3779062.1,     167.3,     167.3,       0.0);         ( 404784.8,
3779062.1,     167.5,     167.5,       0.0);
     ( 404834.8, 3779062.1,     167.8,     167.8,       0.0);         ( 404884.8,
3779062.1,     162.0,     168.3,       0.0);
     ( 404934.8, 3779062.1,     162.9,     167.8,       0.0);         ( 404984.8,
3779062.1,     163.5,     167.8,       0.0);
     ( 405034.8, 3779062.1,     163.1,     163.1,       0.0);         ( 405084.8,
3779062.1,     161.2,     164.0,       0.0);
     ( 405134.8, 3779062.1,     160.7,     160.7,       0.0);         ( 405184.8,
3779062.1,     159.9,     159.9,       0.0);
     ( 405234.8, 3779062.1,     159.6,     159.6,       0.0);         ( 405284.8,
3779062.1,     159.4,     159.4,       0.0);
     ( 405334.8, 3779062.1,     157.1,     159.2,       0.0);         ( 405384.8,
3779062.1,     159.2,     159.2,       0.0);
↟ *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(405434.8, 3779062.1, 158.8, 158.8, 0.0); (405484.8, 3779062.1, 158.6, 252.4, 0.0);
(405534.8, 3779062.1, 158.3, 252.4, 0.0); (405584.8, 3779062.1, 157.7, 252.4, 0.0);
(405634.8, 3779062.1, 157.0, 252.4, 0.0); (405684.8, 3779062.1, 156.2, 252.4, 0.0);
(405734.8, 3779062.1, 155.8, 252.4, 0.0); (405784.8, 3779062.1, 155.5, 252.4, 0.0);
(405834.8, 3779062.1, 154.8, 253.7, 0.0); (405884.8, 3779062.1, 153.9, 253.7, 0.0);
(405934.8, 3779062.1, 153.2, 253.7, 0.0); (405984.8, 3779062.1, 152.5, 253.7, 0.0);
(404034.8, 3779112.1, 168.1, 168.1, 0.0); (404084.8, 3779112.1, 165.6, 172.2, 0.0);
(404134.8, 3779112.1, 163.0, 172.2, 0.0); (404184.8, 3779112.1, 162.2, 172.2, 0.0);
(404234.8, 3779112.1, 162.0, 169.4, 0.0); (404284.8, 3779112.1, 161.8, 169.4, 0.0);
(404334.8, 3779112.1, 163.0, 168.9, 0.0); (404384.8, 3779112.1, 165.6, 168.6, 0.0);
(404434.8, 3779112.1, 167.5, 167.5, 0.0); (404484.8, 3779112.1, 167.3, 167.3, 0.0);
(404534.8, 3779112.1, 166.9, 168.5, 0.0); (404584.8, 3779112.1, 166.6, 168.4, 0.0);
(404634.8, 3779112.1, 166.5, 168.3, 0.0); (404684.8, 3779112.1, 166.1, 168.0, 0.0);
(404734.8, 3779112.1, 164.9, 166.4, 0.0); (404784.8, 3779112.1, 163.1, 167.9, 0.0);
(404834.8, 3779112.1, 161.7, 168.3, 0.0); (404884.8, 3779112.1, 161.5, 168.3, 0.0);
(404934.8, 3779112.1, 161.6, 161.6, 0.0); (404984.8, 3779112.1, 161.8, 161.8, 0.0);
(405034.8, 3779112.1, 162.3, 162.3, 0.0); (405084.8, 3779112.1, 161.6, 161.6, 0.0);
(405134.8, 3779112.1, 161.1, 161.1, 0.0); (405184.8, 3779112.1, 160.4, 160.4, 0.0);
(405234.8, 3779112.1, 160.0, 160.0, 0.0); (405284.8, 3779112.1, 159.7, 159.7, 0.0);
(405334.8, 3779112.1, 159.2, 252.4, 0.0); (405384.8, 3779112.1, 159.5, 252.4, 0.0);

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     ( 405434.8, 3779112.1,     159.6,     252.4,       0.0);         ( 405484.8,
3779112.1,     159.3,     252.4,       0.0);
     ( 405534.8, 3779112.1,     158.9,     252.4,       0.0);         ( 405584.8,
3779112.1,     158.4,     252.4,       0.0);
     ( 405634.8, 3779112.1,     157.6,     252.4,       0.0);         ( 405684.8,
3779112.1,     157.1,     252.4,       0.0);
     ( 405734.8, 3779112.1,     156.5,     253.7,       0.0);         ( 405784.8,
3779112.1,     155.8,     253.7,       0.0);
     ( 405834.8, 3779112.1,     155.1,     253.7,       0.0);         ( 405884.8,
3779112.1,     154.4,     253.7,       0.0);
     ( 405934.8, 3779112.1,     153.7,     253.7,       0.0);         ( 405984.8,
3779112.1,     152.9,     253.7,       0.0);
     ( 404034.8, 3779162.1,     171.7,     172.5,       0.0);         ( 404084.8,
3779162.1,     171.1,     171.1,       0.0);
     ( 404134.8, 3779162.1,     170.1,     171.0,       0.0);         ( 404184.8,
3779162.1,     168.7,     168.7,       0.0);
     ( 404234.8, 3779162.1,     165.6,     169.4,       0.0);         ( 404284.8,
3779162.1,     162.5,     169.4,       0.0);
     ( 404334.8, 3779162.1,     162.7,     168.9,       0.0);         ( 404384.8,
3779162.1,     163.7,     168.6,       0.0);
     ( 404434.8, 3779162.1,     163.6,     167.2,       0.0);         ( 404484.8,
3779162.1,     163.5,     163.5,       0.0);
     ( 404534.8, 3779162.1,     163.6,     163.6,       0.0);         ( 404584.8,
3779162.1,     163.7,     163.7,       0.0);
     ( 404634.8, 3779162.1,     163.6,     163.6,       0.0);         ( 404684.8,
3779162.1,     163.4,     163.4,       0.0);
     ( 404734.8, 3779162.1,     163.1,     163.1,       0.0);         ( 404784.8,
3779162.1,     162.7,     162.7,       0.0);
     ( 404834.8, 3779162.1,     162.7,     162.7,       0.0);         ( 404884.8,
3779162.1,     162.5,     162.5,       0.0);
     ( 404934.8, 3779162.1,     162.6,     162.6,       0.0);         ( 404984.8,
3779162.1,     162.6,     162.6,       0.0);
     ( 405034.8, 3779162.1,     162.6,     162.6,       0.0);         ( 405084.8,
3779162.1,     162.5,     162.5,       0.0);
     ( 405134.8, 3779162.1,     162.2,     162.2,       0.0);         ( 405184.8,
3779162.1,     161.0,     161.0,       0.0);
     ( 405234.8, 3779162.1,     160.6,     252.4,       0.0);         ( 405284.8,
3779162.1,     160.6,     252.4,       0.0);
     ( 405334.8, 3779162.1,     159.8,     252.4,       0.0);         ( 405384.8,
3779162.1,     160.4,     252.4,       0.0);
     ( 405434.8, 3779162.1,     160.4,     252.4,       0.0);         ( 405484.8,
3779162.1,     160.0,     252.4,       0.0);
     ( 405534.8, 3779162.1,     159.4,     252.4,       0.0);         ( 405584.8,
3779162.1,     159.0,     252.4,       0.0);
     ( 405634.8, 3779162.1,     158.2,     253.7,       0.0);         ( 405684.8,
3779162.1,     157.6,     253.7,       0.0);
     ( 405734.8, 3779162.1,     156.9,     253.7,       0.0);         ( 405784.8,
3779162.1,     156.2,     253.7,       0.0);
     ( 405834.8, 3779162.1,     155.4,     253.7,       0.0);         ( 405884.8,
3779162.1,     154.7,     253.7,       0.0);
```

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

(405934.8, 3779162.1, 154.0, 253.7, 0.0); (405984.8, 3779162.1, 153.5, 253.7, 0.0);
(404034.8, 3779212.1, 170.2, 170.2, 0.0); (404084.8, 3779212.1, 169.0, 169.0, 0.0);
(404134.8, 3779212.1, 168.5, 168.5, 0.0); (404184.8, 3779212.1, 167.6, 167.6, 0.0);
(404234.8, 3779212.1, 166.6, 166.6, 0.0); (404284.8, 3779212.1, 163.3, 163.3, 0.0);
(404334.8, 3779212.1, 162.0, 162.0, 0.0); (404384.8, 3779212.1, 163.8, 163.8, 0.0);
(404434.8, 3779212.1, 164.6, 164.6, 0.0); (404484.8, 3779212.1, 164.9, 164.9, 0.0);
(404534.8, 3779212.1, 165.2, 165.2, 0.0); (404584.8, 3779212.1, 165.0, 165.0, 0.0);
(404634.8, 3779212.1, 164.7, 164.7, 0.0); (404684.8, 3779212.1, 165.0, 165.0, 0.0);
(404734.8, 3779212.1, 164.7, 164.7, 0.0); (404784.8, 3779212.1, 164.1, 164.1, 0.0);
(404834.8, 3779212.1, 163.6, 163.6, 0.0); (404884.8, 3779212.1, 163.5, 163.5, 0.0);
(404934.8, 3779212.1, 163.4, 163.4, 0.0); (404984.8, 3779212.1, 163.2, 163.2, 0.0);
(405034.8, 3779212.1, 163.3, 163.3, 0.0); (405084.8, 3779212.1, 163.0, 163.0, 0.0);
(405134.8, 3779212.1, 162.4, 162.4, 0.0); (405184.8, 3779212.1, 161.6, 252.4, 0.0);
(405234.8, 3779212.1, 161.3, 252.4, 0.0); (405284.8, 3779212.1, 158.7, 252.4, 0.0);
(405334.8, 3779212.1, 161.4, 252.4, 0.0); (405384.8, 3779212.1, 161.4, 252.4, 0.0);
(405434.8, 3779212.1, 161.1, 252.4, 0.0); (405484.8, 3779212.1, 160.7, 252.4, 0.0);
(405534.8, 3779212.1, 159.9, 253.7, 0.0); (405584.8, 3779212.1, 159.1, 253.7, 0.0);
(405634.8, 3779212.1, 158.5, 253.7, 0.0); (405684.8, 3779212.1, 158.1, 253.7, 0.0);
(405734.8, 3779212.1, 157.4, 253.7, 0.0); (405784.8, 3779212.1, 156.7, 253.7, 0.0);

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     ( 405834.8, 3779212.1,     156.1,     253.7,       0.0);         ( 405884.8,
3779212.1,     155.3,     253.7,       0.0);
     ( 405934.8, 3779212.1,     154.4,     253.7,       0.0);         ( 405984.8,
3779212.1,     153.8,     253.7,       0.0);
     ( 404034.8, 3779262.1,     171.9,     171.9,       0.0);         ( 404084.8,
3779262.1,     171.0,     171.0,       0.0);
     ( 404134.8, 3779262.1,     170.1,     170.1,       0.0);         ( 404184.8,
3779262.1,     169.4,     169.4,       0.0);
     ( 404234.8, 3779262.1,     167.5,     167.5,       0.0);         ( 404284.8,
3779262.1,     165.1,     165.1,       0.0);
     ( 404334.8, 3779262.1,     164.2,     164.2,       0.0);         ( 404384.8,
3779262.1,     164.9,     164.9,       0.0);
     ( 404434.8, 3779262.1,     165.4,     165.4,       0.0);         ( 404484.8,
3779262.1,     165.7,     165.7,       0.0);
     ( 404534.8, 3779262.1,     166.0,     166.0,       0.0);         ( 404584.8,
3779262.1,     165.9,     165.9,       0.0);
     ( 404634.8, 3779262.1,     165.7,     165.7,       0.0);         ( 404684.8,
3779262.1,     165.5,     165.5,       0.0);
     ( 404734.8, 3779262.1,     165.2,     165.2,       0.0);         ( 404784.8,
3779262.1,     164.9,     164.9,       0.0);
     ( 404834.8, 3779262.1,     164.8,     164.8,       0.0);         ( 404884.8,
3779262.1,     164.4,     164.4,       0.0);
     ( 404934.8, 3779262.1,     164.4,     164.4,       0.0);         ( 404984.8,
3779262.1,     164.5,     164.5,       0.0);
     ( 405034.8, 3779262.1,     164.7,     164.7,       0.0);         ( 405084.8,
3779262.1,     164.1,     164.1,       0.0);
     ( 405134.8, 3779262.1,     163.7,     252.4,       0.0);         ( 405184.8,
3779262.1,     162.6,     252.4,       0.0);
     ( 405234.8, 3779262.1,     162.0,     252.4,       0.0);         ( 405284.8,
3779262.1,     161.6,     252.4,       0.0);
     ( 405334.8, 3779262.1,     162.2,     252.4,       0.0);         ( 405384.8,
3779262.1,     161.9,     252.4,       0.0);
     ( 405434.8, 3779262.1,     161.5,     252.4,       0.0);         ( 405484.8,
3779262.1,     161.1,     253.7,       0.0);
     ( 405534.8, 3779262.1,     160.4,     253.7,       0.0);         ( 405584.8,
3779262.1,     159.7,     253.7,       0.0);
     ( 405634.8, 3779262.1,     159.1,     253.7,       0.0);         ( 405684.8,
3779262.1,     158.4,     253.7,       0.0);
     ( 405734.8, 3779262.1,     158.1,     253.7,       0.0);         ( 405784.8,
3779262.1,     157.5,     253.7,       0.0);
     ( 405834.8, 3779262.1,     156.6,     253.7,       0.0);         ( 405884.8,
3779262.1,     155.8,     253.7,       0.0);
     ( 405934.8, 3779262.1,     155.4,     253.7,       0.0);         ( 405984.8,
3779262.1,     154.7,     253.7,       0.0);
     ( 404034.8, 3779312.1,     173.5,     173.5,       0.0);         ( 404084.8,
3779312.1,     172.7,     172.7,       0.0);
     ( 404134.8, 3779312.1,     171.8,     171.8,       0.0);         ( 404184.8,
3779312.1,     170.2,     170.2,       0.0);
     ( 404234.8, 3779312.1,     169.4,     169.4,       0.0);         ( 404284.8,
3779312.1,     168.2,     168.2,       0.0);
```

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

(404434.8, 3779312.1, 166.8, 166.8, 0.0); (404484.8,
3779312.1, 167.2, 167.2, 0.0);
(404534.8, 3779312.1, 167.4, 167.4, 0.0); (404584.8,
3779312.1, 167.2, 167.2, 0.0);
(404634.8, 3779312.1, 167.0, 167.0, 0.0); (404684.8,
3779312.1, 166.9, 166.9, 0.0);
(404734.8, 3779312.1, 166.5, 166.5, 0.0); (404784.8,
3779312.1, 166.3, 166.3, 0.0);
(404834.8, 3779312.1, 165.8, 165.8, 0.0); (404884.8,
3779312.1, 165.4, 165.4, 0.0);
(404934.8, 3779312.1, 165.8, 165.8, 0.0); (404984.8,
3779312.1, 165.9, 165.9, 0.0);
(405034.8, 3779312.1, 165.9, 165.9, 0.0); (405084.8,
3779312.1, 164.6, 252.4, 0.0);
(405134.8, 3779312.1, 164.4, 252.4, 0.0); (405184.8,
3779312.1, 163.5, 252.4, 0.0);
(405234.8, 3779312.1, 163.3, 252.4, 0.0); (405284.8,
3779312.1, 162.2, 252.4, 0.0);
(405334.8, 3779312.1, 163.1, 252.4, 0.0); (405384.8,
3779312.1, 162.7, 252.4, 0.0);
(405434.8, 3779312.1, 162.5, 253.7, 0.0); (405484.8,
3779312.1, 161.8, 253.7, 0.0);
(405534.8, 3779312.1, 161.1, 253.7, 0.0); (405584.8,
3779312.1, 160.3, 253.7, 0.0);
(405634.8, 3779312.1, 160.0, 253.7, 0.0); (405684.8,
3779312.1, 159.6, 253.7, 0.0);
(405734.8, 3779312.1, 158.9, 253.7, 0.0); (405784.8,
3779312.1, 157.9, 253.7, 0.0);
(405834.8, 3779312.1, 157.0, 253.7, 0.0); (405884.8,
3779312.1, 156.2, 253.7, 0.0);
(405934.8, 3779312.1, 155.8, 253.7, 0.0); (405984.8,
3779312.1, 154.8, 253.7, 0.0);
(404970.8, 3778738.9, 155.9, 155.9, 0.0); (405010.6,
3778742.4, 156.1, 156.1, 0.0);
(405047.0, 3778740.7, 156.1, 156.1, 0.0); (405085.0,
3778742.4, 156.0, 156.0, 0.0);

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     ( 405131.8, 3778740.7,     156.1,     156.1,       0.0);         ( 405211.4,
3778744.1,     155.9,     155.9,       0.0);
     ( 405252.9, 3778742.4,     155.6,     163.9,       0.0);         ( 405299.7,
3778744.1,     155.5,     163.9,       0.0);
     ( 405346.4, 3778745.9,     155.1,     163.7,       0.0);
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN 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 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,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: AZUS_V9_ADJU\AZUS_v9.SFC
Met Version: 16216
Profile file: AZUS_V9_ADJU\AZUS_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

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
12	01	01	1	01	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	20.	9.1	293.1	5.5
12	01	01	1	02	-32.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.36	1.68	1.00	2.70	99.	9.1	293.1	5.5
12	01	01	1	03	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	14.	9.1	292.0	5.5
12	01	01	1	04	-32.6	0.342	-9.000	-9.000	-999.	480.	128.9	0.36	1.68	1.00	2.70	10.	9.1	292.5	5.5
12	01	01	1	05	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	12.	9.1	292.5	5.5
12	01	01	1	06	-21.6	0.224	-9.000	-9.000	-999.	256.	55.2	0.36	1.68	1.00	1.80	118.	9.1	289.2	5.5
12	01	01	1	07	-26.6	0.277	-9.000	-9.000	-999.	349.	84.1	0.36	1.68	1.00	2.20	64.	9.1	290.9	5.5
12	01	01	1	08	-1.3	0.062	-9.000	-9.000	-999.	124.	16.5	0.36	1.68	0.55	0.40	36.	9.1	290.9	5.5
12	01	01	1	09	38.1	0.160	0.348	0.008	39.	153.	-9.5	0.36	1.68	0.32	0.90	124.	9.1	293.8	5.5
12	01	01	1	10	99.5	0.179	0.693	0.007	119.	181.	-5.1	0.36	1.68	0.25	0.90	21.	9.1	298.1	5.5
12	01	01	1	11	142.6	0.494	1.086	0.005	321.	832.	-75.2	0.36	1.68	0.22	3.60	141.	9.1	299.9	5.5
12	01	01	1	12	162.8	0.442	1.385	0.005	582.	709.	-47.3	0.36	1.68	0.21	3.10	122.	9.1	299.9	5.5
12	01	01	1	13	164.4	0.298	1.634	0.005	946.	405.	-14.3	0.36	1.68	0.21	1.80	114.	9.1	300.9	5.5

```
 12 01 01   1 14  142.7  0.293  1.718  0.005 1265.  382.    -15.8  0.36   1.68
0.22    1.80   93.    9.1  302.5    5.5
 12 01 01   1 15   96.7  0.283  1.575  0.005 1438.  361.    -20.7  0.36   1.68
0.26    1.80  110.    9.1  303.8    5.5
 12 01 01   1 16   41.5  0.207  1.201  0.005 1485.  228.    -18.9  0.36   1.68
0.35    1.30  113.    9.1  304.2    5.5
 12 01 01   1 17  -37.8  0.464 -9.000 -9.000 -999.  757.    236.3  0.36   1.68
0.62    3.60  251.    9.1  300.9    5.5
 12 01 01   1 18  -26.1  0.277 -9.000 -9.000 -999.  379.     84.2  0.36   1.68
1.00    2.20    8.    9.1  296.4    5.5
 12 01 01   1 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.36   1.68
1.00  999.00  999.   -9.0  295.9    5.5
 12 01 01   1 20   -5.7  0.107 -9.000 -9.000 -999.   84.     19.3  0.36   1.68
1.00    0.90   35.    9.1  295.4    5.5
 12 01 01   1 21  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80  213.    9.1  293.8    5.5
 12 01 01   1 22  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80   52.    9.1  293.8    5.5
 12 01 01   1 23  -26.3  0.277 -9.000 -9.000 -999.  349.     84.2  0.36   1.68
1.00    2.20   58.    9.1  293.8    5.5
 12 01 01   1 24  -21.4  0.224 -9.000 -9.000 -999.  256.     55.3  0.36   1.68
1.00    1.80   83.    9.1  292.5    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   293.2   99.0  -99.00  -99.00
 12 01 01 01    9.1 1   20.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
404034.83	3777362.14	0.76426	404084.83	3777362.14	0.79921
404134.83	3777362.14	0.83357	404184.83	3777362.14	0.86948
404234.83	3777362.14	0.90595	404284.83	3777362.14	0.94345
404334.83	3777362.14	0.98227	404384.83	3777362.14	1.02127
404434.83	3777362.14	1.06106	404484.83	3777362.14	1.10102
404534.83	3777362.14	1.13751	404584.83	3777362.14	1.17341
404634.83	3777362.14	1.20677	404684.83	3777362.14	1.23770
404734.83	3777362.14	1.26558	404784.83	3777362.14	1.28773
404834.83	3777362.14	1.30677	404884.83	3777362.14	1.32084
404934.83	3777362.14	1.32838	404984.83	3777362.14	1.33051
405034.83	3777362.14	1.32681	405084.83	3777362.14	1.31753
405134.83	3777362.14	1.30298	405184.83	3777362.14	1.28386
405234.83	3777362.14	1.26069	405284.83	3777362.14	1.23370
405334.83	3777362.14	1.20396	405384.83	3777362.14	1.17148
405434.83	3777362.14	1.13727	405484.83	3777362.14	1.10059
405534.83	3777362.14	1.06382	405584.83	3777362.14	1.02586
405634.83	3777362.14	0.98703	405684.83	3777362.14	0.94943
405734.83	3777362.14	0.91144	405784.83	3777362.14	0.87479
405834.83	3777362.14	0.83946	405884.83	3777362.14	0.80494
405934.83	3777362.14	0.77189	405984.83	3777362.14	0.74046
404034.83	3777412.14	0.79862	404084.83		

```
3777412.14        0.83689
         404134.83    3777412.14        0.87340                      404184.83
3777412.14        0.91357
         404234.83    3777412.14        0.95506                      404284.83
3777412.14        0.99830
         404334.83    3777412.14        1.04070                      404384.83
3777412.14        1.08554
         404434.83    3777412.14        1.13148                      404484.83
3777412.14        1.17746
         404534.83    3777412.14        1.22356                      404584.83
3777412.14        1.26389
         404634.83    3777412.14        1.30402                      404684.83
3777412.14        1.33938
         404734.83    3777412.14        1.37564                      404784.83
3777412.14        1.40271
         404834.83    3777412.14        1.42215                      404884.83
3777412.14        1.44055
         404934.83    3777412.14        1.45060                      404984.83
3777412.14        1.45425
         405034.83    3777412.14        1.44738                      405084.83
3777412.14        1.43743
         405134.83    3777412.14        1.42031                      405184.83
3777412.14        1.39664
         405234.83    3777412.14        1.36884                      405284.83
3777412.14        1.33679
         405334.83    3777412.14        1.30134                      405384.83
3777412.14        1.26257
         405434.83    3777412.14        1.22244                      405484.83
3777412.14        1.17983
         405534.83    3777412.14        1.13711                      405584.83
3777412.14        1.09322
         405634.83    3777412.14        1.04875                      405684.83
3777412.14        1.00545
         405734.83    3777412.14        0.96311                      405784.83
3777412.14        0.92167
         405834.83    3777412.14        0.88213                      405884.83
3777412.14        0.84403
         405934.83    3777412.14        0.80759                      405984.83
3777412.14        0.77285
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
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, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         404034.83    3777462.14        0.83352                       404084.83
3777462.14        0.87507
         404134.83    3777462.14        0.91621                       404184.83
3777462.14        0.96095
         404234.83    3777462.14        1.00788                       404284.83
3777462.14        1.05673
         404334.83    3777462.14        1.10570                       404384.83
3777462.14        1.15794
         404434.83    3777462.14        1.21007                       404484.83
3777462.14        1.26467
         404534.83    3777462.14        1.31425                       404584.83
3777462.14        1.36452
         404634.83    3777462.14        1.41176                       404684.83
3777462.14        1.45602
         404734.83    3777462.14        1.49560                       404784.83
3777462.14        1.53195
         404834.83    3777462.14        1.55539                       404884.83
3777462.14        1.57892
         404934.83    3777462.14        1.59144                       404984.83
3777462.14        1.59436
         405034.83    3777462.14        1.59011                       405084.83
3777462.14        1.57512
         405134.83    3777462.14        1.55199                       405184.83
3777462.14        1.52606
         405234.83    3777462.14        1.49203                       405284.83
3777462.14        1.45279
         405334.83    3777462.14        1.41140                       405384.83
3777462.14        1.36477
         405434.83    3777462.14        1.31788                       405484.83
3777462.14        1.26770
         405534.83    3777462.14        1.21772                       405584.83
3777462.14        1.16640
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         405634.83    3777462.14        1.11552                        405684.83
3777462.14        1.06644
         405734.83    3777462.14        1.01875                        405784.83
3777462.14        0.97207
         405834.83    3777462.14        0.92786                        405884.83
3777462.14        0.88534
         405934.83    3777462.14        0.84492                        405984.83
3777462.14        0.80675
         404034.83    3777512.14        0.86963                        404084.83
3777512.14        0.91528
         404134.83    3777512.14        0.96183                        404184.83
3777512.14        1.01182
         404234.83    3777512.14        1.06331                        404284.83
3777512.14        1.11830
         404334.83    3777512.14        1.17463                        404384.83
3777512.14        1.23393
         404434.83    3777512.14        1.29514                        404484.83
3777512.14        1.35647
         404534.83    3777512.14        1.41773                        404584.83
3777512.14        1.47597
         404634.83    3777512.14        1.53527                        404684.83
3777512.14        1.58796
         404734.83    3777512.14        1.63679                        404784.83
3777512.14        1.67634
         404834.83    3777512.14        1.71118                        404884.83
3777512.14        1.73894
         404934.83    3777512.14        1.75475                        404984.83
3777512.14        1.75867
         405034.83    3777512.14        1.75127                        405084.83
3777512.14        1.73594
         405134.83    3777512.14        1.71002                        405184.83
3777512.14        1.67568
         405234.83    3777512.14        1.63443                        405284.83
3777512.14        1.58711
         405334.83    3777512.14        1.53614                        405384.83
3777512.14        1.48099
         405434.83    3777512.14        1.42374                        405484.83
3777512.14        1.36508
         405534.83    3777512.14        1.30628                        405584.83
3777512.14        1.24672
         405634.83    3777512.14        1.18794                        405684.83
3777512.14        1.13144
         405734.83    3777512.14        1.07738                        405784.83
3777512.14        1.02540
         405834.83    3777512.14        0.97607                        405884.83
3777512.14        0.92879
         405934.83    3777512.14        0.88403                        405984.83
3777512.14        0.84196
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
404034.83	3777562.14	0.90536	404084.83	3777562.14	0.95633
404134.83	3777562.14	1.00947	404184.83	3777562.14	1.06308
404234.83	3777562.14	1.12230	404284.83	3777562.14	1.18536
404334.83	3777562.14	1.24998	404384.83	3777562.14	1.31841
404434.83	3777562.14	1.39144	404484.83	3777562.14	1.46323
404534.83	3777562.14	1.53121	404584.83	3777562.14	1.60397
404634.83	3777562.14	1.66995	404684.83	3777562.14	1.73719
404734.83	3777562.14	1.79612	404784.83	3777562.14	1.84937
404834.83	3777562.14	1.89470	404884.83	3777562.14	1.92744
404934.83	3777562.14	1.94651	404984.83	3777562.14	1.95210
405034.83	3777562.14	1.94446	405084.83	3777562.14	1.92401
405134.83	3777562.14	1.89189	405184.83		

3777562.14 1.84925
405234.83 3777562.14 1.79854 405284.83
3777562.14 1.74063
405334.83 3777562.14 1.67761 405384.83
3777562.14 1.61132
405434.83 3777562.14 1.54259 405484.83
3777562.14 1.47319
405534.83 3777562.14 1.40380 405584.83
3777562.14 1.33463
405634.83 3777562.14 1.26666 405684.83
3777562.14 1.20251
405734.83 3777562.14 1.14099 405784.83
3777562.14 1.08235
405834.83 3777562.14 1.02660 405884.83
3777562.14 0.97421
405934.83 3777562.14 0.92487 405984.83
3777562.14 0.87835
404034.83 3777612.14 0.94555 404084.83
3777612.14 0.99987
404134.83 3777612.14 1.05632 404184.83
3777612.14 1.12048
404234.83 3777612.14 1.18661 404284.83
3777612.14 1.25679
404334.83 3777612.14 1.33031 404384.83
3777612.14 1.40951
404434.83 3777612.14 1.49016 404484.83
3777612.14 1.57601
404534.83 3777612.14 1.66255 404584.83
3777612.14 1.75094
404634.83 3777612.14 1.83372 404684.83
3777612.14 1.91664
404734.83 3777612.14 1.99049 404784.83
3777612.14 2.05850
404834.83 3777612.14 2.11230 404884.83
3777612.14 2.15133
404934.83 3777612.14 2.17529 404984.83
3777612.14 2.18388
405034.83 3777612.14 2.17420 405084.83
3777612.14 2.14822
405134.83 3777612.14 2.10748 405184.83
3777612.14 2.05375
405234.83 3777612.14 1.99001 405284.83
3777612.14 1.91829
405334.83 3777612.14 1.84076 405384.83
3777612.14 1.76030
405434.83 3777612.14 1.67753 405484.83
3777612.14 1.59393
405534.83 3777612.14 1.51179 405584.83
3777612.14 1.43155
405634.83 3777612.14 1.35291 405684.83

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
404034.83	3777662.14	0.98582	404084.83	3777662.14	1.04517
404134.83	3777662.14	1.10971	404184.83	3777662.14	1.17713
404234.83	3777662.14	1.25132	404284.83	3777662.14	1.33298
404334.83	3777662.14	1.41758	404384.83	3777662.14	1.50897
404434.83	3777662.14	1.60510	404484.83	3777662.14	1.70395
404534.83	3777662.14	1.80704	404584.83	3777662.14	1.90876
404634.83	3777662.14	2.01205	404684.83	3777662.14	2.11618

404734.83 3777662.14 2.20706 404784.83
3777662.14 2.29771
404834.83 3777662.14 2.36866 404884.83
3777662.14 2.41925
404934.83 3777662.14 2.44570 404984.83
3777662.14 2.45918
405034.83 3777662.14 2.44581 405084.83
3777662.14 2.41654
405134.83 3777662.14 2.36386 405184.83
3777662.14 2.29598
405234.83 3777662.14 2.21603 405284.83
3777662.14 2.12404
405334.83 3777662.14 2.02903 405384.83
3777662.14 1.92869
405434.83 3777662.14 1.82891 405484.83
3777662.14 1.72847
405534.83 3777662.14 1.63170 405584.83
3777662.14 1.53664
405634.83 3777662.14 1.44571 405684.83
3777662.14 1.36086
405734.83 3777662.14 1.28078 405784.83
3777662.14 1.20584
405834.83 3777662.14 1.13562 405884.83
3777662.14 1.07094
405934.83 3777662.14 1.01085 405984.83
3777662.14 0.95526
404034.83 3777712.14 1.02685 404084.83
3777712.14 1.09161
404134.83 3777712.14 1.16333 404184.83
3777712.14 1.24068
404234.83 3777712.14 1.32221 404284.83
3777712.14 1.41178
404334.83 3777712.14 1.51074 404384.83
3777712.14 1.61547
404434.83 3777712.14 1.72635 404484.83
3777712.14 1.84470
404534.83 3777712.14 1.96759 404584.83
3777712.14 2.09527
404634.83 3777712.14 2.22282 404684.83
3777712.14 2.34327
404734.83 3777712.14 2.47065 404784.83
3777712.14 2.57982
404834.83 3777712.14 2.67191 404884.83
3777712.14 2.74134
404934.83 3777712.14 2.78495 404984.83
3777712.14 2.80064
405034.83 3777712.14 2.78601 405084.83
3777712.14 2.74344
405134.83 3777712.14 2.67692 405184.83
3777712.14 2.58657

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
404034.83	3777762.14	1.06765	404084.83	3777762.14	1.13945
404134.83	3777762.14	1.21837	404184.83	3777762.14	1.30254
404234.83	3777762.14	1.39582	404284.83		

3777762.14 1.49812
404334.83 3777762.14 1.60826 404384.83
3777762.14 1.72994
404434.83 3777762.14 1.85955 404484.83
3777762.14 1.99967
404534.83 3777762.14 2.14834 404584.83
3777762.14 2.30411
404634.83 3777762.14 2.46414 404684.83
3777762.14 2.62446
404734.83 3777762.14 2.77811 404784.83
3777762.14 2.91960
404834.83 3777762.14 3.05033 404884.83
3777762.14 3.14002
404934.83 3777762.14 3.19964 404984.83
3777762.14 3.22201
405034.83 3777762.14 3.20436 405084.83
3777762.14 3.14652
405134.83 3777762.14 3.05570 405184.83
3777762.14 2.93833
405234.83 3777762.14 2.80242 405284.83
3777762.14 2.65447
405334.83 3777762.14 2.49999 405384.83
3777762.14 2.34572
405434.83 3777762.14 2.19463 405484.83
3777762.14 2.04496
405534.83 3777762.14 1.90349 405584.83
3777762.14 1.77637
405634.83 3777762.14 1.65401 405684.83
3777762.14 1.54144
405734.83 3777762.14 1.43488 405784.83
3777762.14 1.34123
405834.83 3777762.14 1.25498 405884.83
3777762.14 1.17489
405934.83 3777762.14 1.10228 405984.83
3777762.14 1.03551
404034.83 3777812.14 1.10860 404084.83
3777812.14 1.18737
404134.83 3777812.14 1.27301 404184.83
3777812.14 1.36629
404234.83 3777812.14 1.46971 404284.83
3777812.14 1.58491
404334.83 3777812.14 1.70996 404384.83
3777812.14 1.85064
404434.83 3777812.14 2.00436 404484.83
3777812.14 2.17024
404534.83 3777812.14 2.34896 404584.83
3777812.14 2.54112
404634.83 3777812.14 2.74229 404684.83
3777812.14 2.94660
404734.83 3777812.14 3.14391 404784.83

3777812.14   3.33083
         404834.83   3777812.14   3.51201   404884.83
3777812.14   3.63754
         404934.83   3777812.14   3.72093   404984.83
3777812.14   3.75336
         405034.83   3777812.14   3.72482   405084.83
3777812.14   3.65040
         405134.83   3777812.14   3.52757   405184.83
3777812.14   3.36952
         405234.83   3777812.14   3.18946   405284.83
3777812.14   2.99518
         405334.83   3777812.14   2.79636   405384.83
3777812.14   2.60044
         405434.83   3777812.14   2.41069   405484.83
3777812.14   2.23145
         405534.83   3777812.14   2.06435   405584.83
3777812.14   1.90978
         405634.83   3777812.14   1.76815   405684.83
3777812.14   1.63778
         405734.83   3777812.14   1.52082   405784.83
3777812.14   1.41384
         405834.83   3777812.14   1.31668   405884.83
3777812.14   1.22895
         405934.83   3777812.14   1.14902   405984.83
3777812.14   1.07595

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
404034.83	3777862.14	1.14902	404084.83	3777862.14	1.23357
404134.83	3777862.14	1.32709	404184.83	3777862.14	1.43049
404234.83	3777862.14	1.54657	404284.83	3777862.14	1.67489
404334.83	3777862.14	1.81882	404384.83	3777862.14	1.97889
404434.83	3777862.14	2.15764	404484.83	3777862.14	2.35543
404534.83	3777862.14	2.57003	404584.83	3777862.14	2.80838
404634.83	3777862.14	3.06193	404684.83	3777862.14	3.32765
404734.83	3777862.14	3.59517	404784.83	3777862.14	3.85331
404834.83	3777862.14	4.09110	404884.83	3777862.14	4.27250
404934.83	3777862.14	4.39642	404984.83	3777862.14	4.44456
405034.83	3777862.14	4.40867	405084.83	3777862.14	4.29989
405134.83	3777862.14	4.12465	405184.83	3777862.14	3.90590
405234.83	3777862.14	3.65972	405284.83	3777862.14	3.40049
405334.83	3777862.14	3.14174	405384.83	3777862.14	2.89137
405434.83	3777862.14	2.65555	405484.83	3777862.14	2.43724
405534.83	3777862.14	2.23836	405584.83	3777862.14	2.05618
405634.83	3777862.14	1.88998	405684.83	3777862.14	1.73769
405734.83	3777862.14	1.60755	405784.83	3777862.14	1.48773
405834.83	3777862.14	1.38002	405884.83	3777862.14	1.28403
405934.83	3777862.14	1.19682	405984.83	3777862.14	1.11740
404034.83	3777912.14	1.18868	404084.83	3777912.14	1.27965
404134.83	3777912.14	1.38161	404184.83	3777912.14	1.49526
404234.83	3777912.14	1.62320	404284.83	3777912.14	1.76622

```
         404334.83    3777912.14        1.93040                       404384.83
3777912.14        2.11420
         404434.83    3777912.14        2.32221                       404484.83
3777912.14        2.55402
         404534.83    3777912.14        2.81722                       404584.83
3777912.14        3.11101
         404634.83    3777912.14        3.43088                       404684.83
3777912.14        3.77945
         404734.83    3777912.14        4.13594                       404784.83
3777912.14        4.49038
         404834.83    3777912.14        4.82953                       404884.83
3777912.14        5.10039
         404934.83    3777912.14        5.28569                       404984.83
3777912.14        5.36109
         405034.83    3777912.14        5.31432                       405084.83
3777912.14        5.15458
         405134.83    3777912.14        4.89606                       405184.83
3777912.14        4.58427
         405234.83    3777912.14        4.24199                       405284.83
3777912.14        3.89028
         405334.83    3777912.14        3.54754                       405384.83
3777912.14        3.22652
         405434.83    3777912.14        2.93106                       405484.83
3777912.14        2.66323
         405534.83    3777912.14        2.42476                       405584.83
3777912.14        2.20867
         405634.83    3777912.14        2.01694                       405684.83
3777912.14        1.84733
         405734.83    3777912.14        1.69733                       405784.83
3777912.14        1.56325
         405834.83    3777912.14        1.44487                       405884.83
3777912.14        1.34372
         405934.83    3777912.14        1.24388                       405984.83
3777912.14        1.15859
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                   PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
404034.83	3777962.14	1.22663	404084.83	3777962.14	1.32453
404134.83	3777962.14	1.43451	404184.83	3777962.14	1.55866
404234.83	3777962.14	1.69847	404284.83	3777962.14	1.85904
404334.83	3777962.14	2.04225	404384.83	3777962.14	2.25390
404434.83	3777962.14	2.49320	404484.83	3777962.14	2.77041
404534.83	3777962.14	3.08714	404584.83	3777962.14	3.44502
404634.83	3777962.14	3.85499	404684.83	3777962.14	4.30814
404734.83	3777962.14	4.79053	404784.83	3777962.14	5.29918
404834.83	3777962.14	5.79395	404884.83	3777962.14	6.20954
404934.83	3777962.14	6.50581	404984.83	3777962.14	6.62457
405034.83	3777962.14	6.55307	405084.83	3777962.14	6.30460
405134.83	3777962.14	5.91941	405184.83	3777962.14	5.45563
405234.83	3777962.14	4.96300	405284.83	3777962.14	4.47896
405334.83	3777962.14	4.02248	405384.83	3777962.14	3.60355
405434.83	3777962.14	3.23739	405484.83	3777962.14	2.90945
405534.83	3777962.14	2.62212	405584.83	3777962.14	2.36979
405634.83	3777962.14	2.15005	405684.83	3777962.14	1.95895
405734.83	3777962.14	1.79200	405784.83	3777962.14	1.64385
405834.83	3777962.14	1.51099	405884.83		

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3777962.14        1.39411
         405934.83    3777962.14        1.28952                        405984.83
3777962.14        1.19723
         404034.83    3778012.14        1.26262                        404084.83
3778012.14        1.36703
         404134.83    3778012.14        1.48536                        404184.83
3778012.14        1.61971
         404234.83    3778012.14        1.77247                        404284.83
3778012.14        1.94915
         404334.83    3778012.14        2.15486                        404384.83
3778012.14        2.39638
         404434.83    3778012.14        2.66886                        404484.83
3778012.14        2.99291
         404534.83    3778012.14        3.37295                        404584.83
3778012.14        3.81931
         404634.83    3778012.14        4.33782                        404684.83
3778012.14        4.93324
         404734.83    3778012.14        5.60263                        404784.83
3778012.14        6.33256
         404834.83    3778012.14        7.07758                        404884.83
3778012.14        7.74253
         404934.83    3778012.14        8.24022                        404984.83
3778012.14        8.43867
         405034.83    3778012.14        8.33187                        405084.83
3778012.14        7.91073
         405134.83    3778012.14        7.30295                        405184.83
3778012.14        6.59228
         405234.83    3778012.14        5.87053                        405284.83
3778012.14        5.18763
         405334.83    3778012.14        4.58171                        405384.83
3778012.14        4.03894
         405434.83    3778012.14        3.57441                        405484.83
3778012.14        3.17403
         405534.83    3778012.14        2.83195                        405584.83
3778012.14        2.53779
         405634.83    3778012.14        2.28504                        405684.83
3778012.14        2.07313
         405734.83    3778012.14        1.88346                        405784.83
3778012.14        1.71773
         405834.83    3778012.14        1.57281                        405884.83
3778012.14        1.44795
         405934.83    3778012.14        1.33534                        405984.83
3778012.14        1.23631
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
404034.83	3778062.14	1.29573	404084.83	3778062.14	1.40664
404134.83	3778062.14	1.53276	404184.83	3778062.14	1.67751
404234.83	3778062.14	1.84339	404284.83	3778062.14	2.03623
404334.83	3778062.14	2.26471	404384.83	3778062.14	2.52790
404434.83	3778062.14	2.84212	404484.83	3778062.14	3.21857
404534.83	3778062.14	3.67167	404584.83	3778062.14	4.21464
404634.83	3778062.14	4.87598	404684.83	3778062.14	5.65587
404734.83	3778062.14	6.58666	404784.83	3778062.14	7.65824
404834.83	3778062.14	8.82578	404884.83	3778062.14	9.94461
404934.83	3778062.14	10.81997	404984.83	3778062.14	11.21767
405034.83	3778062.14	11.02182	405084.83	3778062.14	10.29617
405134.83	3778062.14	9.24207	405184.83	3778062.14	8.09596
405234.83	3778062.14	7.01251	405284.83	3778062.14	6.04363
405334.83	3778062.14	5.20798	405384.83	3778062.14	4.51780

405434.83 3778062.14 3.93790 405484.83
3778062.14 3.45323
405534.83 3778062.14 3.04900 405584.83
3778062.14 2.70996
405634.83 3778062.14 2.42809 405684.83
3778062.14 2.18186
405734.83 3778062.14 1.97160 405784.83
3778062.14 1.79131
405834.83 3778062.14 1.63571 405884.83
3778062.14 1.49965
405934.83 3778062.14 1.37967 405984.83
3778062.14 1.27404
404034.83 3778112.14 1.32553 404084.83
3778112.14 1.44205
404134.83 3778112.14 1.57566 404184.83
3778112.14 1.73002
404234.83 3778112.14 1.90788 404284.83
3778112.14 2.11638
404334.83 3778112.14 2.36421 404384.83
3778112.14 2.65923
404434.83 3778112.14 3.01325 404484.83
3778112.14 3.44224
404534.83 3778112.14 3.97592 404584.83
3778112.14 4.62814
404634.83 3778112.14 5.44563 404684.83
3778112.14 6.46943
404734.83 3778112.14 7.76087 404784.83
3778112.14 9.36265
404834.83 3778112.14 11.24698 404884.83
3778112.14 13.24581
404934.83 3778112.14 14.97882 404984.83
3778112.14 15.82228
405034.83 3778112.14 15.42578 405084.83
3778112.14 13.98552
405134.83 3778112.14 12.04761 405184.83
3778112.14 10.11560
405234.83 3778112.14 8.43380 405284.83
3778112.14 7.04929
405334.83 3778112.14 5.93057 405384.83
3778112.14 5.03911
405434.83 3778112.14 4.32226 405484.83
3778112.14 3.74255
405534.83 3778112.14 3.27541 405584.83
3778112.14 2.89248
405634.83 3778112.14 2.56003 405684.83
3778112.14 2.28965
405734.83 3778112.14 2.06040 405784.83
3778112.14 1.86465
405834.83 3778112.14 1.69692 405884.83
3778112.14 1.55028

405934.83   3778112.14   1.42175   405984.83
3778112.14   1.30986

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
- -
- -
404034.83   3778162.14   1.35100   404084.83
3778162.14   1.47121
404134.83   3778162.14   1.61173   404184.83
3778162.14   1.77460
404234.83   3778162.14   1.96517   404284.83
3778162.14   2.18851
404334.83   3778162.14   2.45479   404034.83
3778212.14   1.37062
404084.83   3778212.14   1.49434   404134.83
3778212.14   1.64030
404184.83   3778212.14   1.81165   404234.83
3778212.14   2.01093
404284.83   3778212.14   2.24616   404334.83
3778212.14   2.52915
404384.83   3778212.14   2.87408   404434.83
3778212.14   3.29647
404484.83   3778212.14   3.83059   404534.83
3778212.14   4.51226
404034.83   3778262.14   1.38455   404084.83

3778262.14 1.51526
404134.83 3778262.14 1.66449 404184.83
3778262.14 1.83877
404234.83 3778262.14 2.04335 404284.83
3778262.14 2.28959
404334.83 3778262.14 2.58600 404384.83
3778262.14 2.94687
404434.83 3778262.14 3.39697 404484.83
3778262.14 3.96779
404534.83 3778262.14 4.70789 404584.83
3778262.14 5.69049
404034.83 3778312.14 1.39531 404084.83
3778312.14 1.52531
404134.83 3778312.14 1.67725 404184.83
3778312.14 1.85448
404234.83 3778312.14 2.06403 404284.83
3778312.14 2.31469
404334.83 3778312.14 2.61784 404384.83
3778312.14 2.99200
404434.83 3778312.14 3.45781 404484.83
3778312.14 4.05014
404534.83 3778312.14 4.82666 404584.83
3778312.14 5.86993
404634.83 3778312.14 7.32848 404034.83
3778362.14 1.39708
404084.83 3778362.14 1.52845 404134.83
3778362.14 1.68099
404184.83 3778362.14 1.85959 404234.83
3778362.14 2.07017
404284.83 3778362.14 2.32009 404334.83
3778362.14 2.62713
404384.83 3778362.14 3.00165 404434.83
3778362.14 3.47129
404484.83 3778362.14 4.07193 404534.83
3778362.14 4.85592
404584.83 3778362.14 5.91307 404634.83
3778362.14 7.39308
404684.83 3778362.14 9.56922 404034.83
3778412.14 1.39331
404084.83 3778412.14 1.52377 404134.83
3778412.14 1.67501
404184.83 3778412.14 1.85160 404234.83
3778412.14 2.05961
404284.83 3778412.14 2.30884 404334.83
3778412.14 2.60937
404384.83 3778412.14 2.97907 404434.83
3778412.14 3.44016
404484.83 3778412.14 4.02555 404534.83
3778412.14 4.78766
404584.83 3778412.14 5.80832 404634.83

3778412.14   7.22134
         404684.83   3778412.14   9.26813   404034.83
3778462.14   1.38328
         404084.83   3778462.14   1.51143   404134.83
3778462.14   1.65961
         404184.83   3778462.14   1.83272   404234.83
3778462.14   2.03551
         404284.83   3778462.14   2.27733   404334.83
3778462.14   2.56858
         404384.83   3778462.14   2.92402   404434.83
3778462.14   3.36429

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         404484.83   3778462.14   3.91866   404534.83
3778462.14   4.63154
         404584.83   3778462.14   5.57050   404634.83
3778462.14   6.84322
         404684.83   3778462.14   8.62779   405984.83
3778462.14   1.45173
         404034.83   3778512.14   1.36725   404084.83
3778512.14   1.49187
         404134.83   3778512.14   1.63545   404184.83
3778512.14   1.80254

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        404234.83    3778512.14        1.99768                    404284.83
3778512.14        2.22896
        404334.83    3778512.14        2.50529                    404384.83
3778512.14        2.83976
        404434.83    3778512.14        3.24964                    404484.83
3778512.14        3.75912
        404534.83    3778512.14        4.40310                    404584.83
3778512.14        5.23301
        404634.83    3778512.14        6.32282                    404684.83
3778512.14        7.78760
        405884.83    3778512.14        1.73044                    405934.83
3778512.14        1.57749
        405984.83    3778512.14        1.44557                    404034.83
3778562.14        1.34567
        404084.83    3778562.14        1.46562                    404134.83
3778562.14        1.60339
        404184.83    3778562.14        1.76217                    404234.83
3778562.14        1.94765
        404284.83    3778562.14        2.16526                    404334.83
3778562.14        2.42319
        404384.83    3778562.14        2.73183                    404434.83
3778562.14        3.10468
        404484.83    3778562.14        3.56134                    404534.83
3778562.14        4.12651
        404584.83    3778562.14        4.83587                    404634.83
3778562.14        5.73439
        404684.83    3778562.14        6.88744                    405784.83
3778562.14        2.10459
        405834.83    3778562.14        1.87390                    405884.83
3778562.14        1.70502
        405934.83    3778562.14        1.55879                    405984.83
3778562.14        1.43099
        404034.83    3778612.14        1.31901                    404084.83
3778612.14        1.43335
        404134.83    3778612.14        1.56386                    404184.83
3778612.14        1.71388
        404234.83    3778612.14        1.88738                    404284.83
3778612.14        2.08940
        404334.83    3778612.14        2.32636                    404384.83
3778612.14        2.60641
        404434.83    3778612.14        2.93931                    404484.83
3778612.14        3.34038
        404534.83    3778612.14        3.82542                    404584.83
3778612.14        4.41745
        404634.83    3778612.14        5.14014                    404684.83
3778612.14        6.02325
        405734.83    3778612.14        2.22245                    405784.83
3778612.14        2.01035
        405834.83    3778612.14        1.82755                    405884.83
3778612.14        1.66864
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         405934.83    3778612.14        1.53002                       405984.83
3778612.14        1.40811
         404034.83    3778662.14        1.28789                       404084.83
3778662.14        1.39586
         404134.83    3778662.14        1.51840                       404184.83
3778662.14        1.65855
         404234.83    3778662.14        1.81930                       404284.83
3778662.14        2.00462
         404334.83    3778662.14        2.21941                       404384.83
3778662.14        2.47002
         404434.83    3778662.14        2.76347                       404484.83
3778662.14        3.11005
         404534.83    3778662.14        3.51872                       404584.83
3778662.14        4.00400
         404634.83    3778662.14        4.57621                       404684.83
3778662.14        5.24605
         405634.83    3778662.14        2.62317                       405684.83
3778662.14        2.35173
         405734.83    3778662.14        2.13033                       405784.83
3778662.14        1.93781
♠ *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:36:39

                                   PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         405834.83    3778662.14        1.76977                       405884.83
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3778662.14 1.62233
405934.83 3778662.14 1.49254 405984.83
3778662.14 1.37771
404034.83 3778712.14 1.25238 404084.83
3778712.14 1.35445
404134.83 3778712.14 1.46859 404184.83
3778712.14 1.59843
404234.83 3778712.14 1.74555 404284.83
3778712.14 1.91395
404334.83 3778712.14 2.10656 404384.83
3778712.14 2.32843
404434.83 3778712.14 2.58359 404484.83
3778712.14 2.87977
404534.83 3778712.14 3.21023 404584.83
3778712.14 3.60305
404634.83 3778712.14 4.00641 404684.83
3778712.14 4.43464
405534.83 3778712.14 3.07871 405584.83
3778712.14 2.69943
405634.83 3778712.14 2.44626 405684.83
3778712.14 2.22359
405734.83 3778712.14 2.02776 405784.83
3778712.14 1.85523
405834.83 3778712.14 1.70281 405884.83
3778712.14 1.56779
405934.83 3778712.14 1.44780 405984.83
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404034.83 3778762.14 1.16792 404084.83
3778762.14 1.30957
404134.83 3778762.14 1.41543 404184.83
3778762.14 1.53451
404234.83 3778762.14 1.66849 404284.83
3778762.14 1.82002
404334.83 3778762.14 1.99150 404384.83
3778762.14 2.18599
404434.83 3778762.14 2.35944 404484.83
3778762.14 2.55748
404534.83 3778762.14 2.78997 404584.83
3778762.14 3.05555
404634.83 3778762.14 3.46298 404684.83
3778762.14 4.00263
405484.83 3778762.14 3.00993 405534.83
3778762.14 2.74065
405584.83 3778762.14 2.49819 405634.83
3778762.14 2.28288
405684.83 3778762.14 2.09081 405734.83
3778762.14 1.91942
405784.83 3778762.14 1.76637 405834.83
3778762.14 1.62959
405884.83 3778762.14 1.50721 405934.83

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3778762.14        1.39745
         405984.83    3778762.14        1.29883                        404034.83
3778812.14        1.10797
         404084.83    3778812.14        1.23417                        404134.83
3778812.14        1.34953
         404184.83    3778812.14        1.45733                        404234.83
3778812.14        1.54191
         404284.83    3778812.14        1.66062                        404334.83
3778812.14        1.79326
         404384.83    3778812.14        1.92644                        404434.83
3778812.14        2.07485
         404484.83    3778812.14        2.24546                        404534.83
3778812.14        2.42928
         404584.83    3778812.14        2.66115                        404634.83
3778812.14        2.87541
         404684.83    3778812.14        2.96583                        404734.83
3778812.14        3.30974
         404784.83    3778812.14        3.58899                        404834.83
3778812.14        3.81476
         404884.83    3778812.14        4.02377                        404934.83
3778812.14        4.12652
         404984.83    3778812.14        4.18934                        405034.83
3778812.14        4.22662
         405084.83    3778812.14        4.09401                        405134.83
3778812.14        3.98378
         405184.83    3778812.14        3.83312                        405234.83
3778812.14        3.31017
         405284.83    3778812.14        3.05563                        405384.83
3778812.14        3.09393
♠ *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                   PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405434.83	3778812.14	2.90990	405484.83	3778812.14	2.71087
405534.83	3778812.14	2.50296	405584.83	3778812.14	2.30864
405634.83	3778812.14	2.12345	405684.83	3778812.14	1.95859
405734.83	3778812.14	1.80932	405784.83	3778812.14	1.67454
405834.83	3778812.14	1.55279	405884.83	3778812.14	1.44276
405934.83	3778812.14	1.34319	405984.83	3778812.14	1.25298
404034.83	3778862.14	1.00565	404084.83	3778862.14	1.12978
404134.83	3778862.14	1.23170	404184.83	3778862.14	1.32700
404234.83	3778862.14	1.38306	404284.83	3778862.14	1.48637
404334.83	3778862.14	1.59663	404384.83	3778862.14	1.70601
404434.83	3778862.14	1.81453	404484.83	3778862.14	1.95549
404534.83	3778862.14	2.10263	404584.83	3778862.14	2.20137
404634.83	3778862.14	2.38627	404684.83	3778862.14	2.62234
404734.83	3778862.14	2.81039	404784.83	3778862.14	3.01785
404834.83	3778862.14	3.16581	404884.83	3778862.14	3.31841
404934.83	3778862.14	3.40239	404984.83	3778862.14	3.43326
405034.83	3778862.14	3.39688	405084.83	3778862.14	3.38668
405134.83	3778862.14	3.08089	405184.83	3778862.14	3.20997
405234.83	3778862.14	2.57706	405284.83	3778862.14	2.71490
405334.83	3778862.14	2.81827	405384.83	3778862.14	2.72760
405434.83	3778862.14	2.59345	405484.83	3778862.14	2.43312

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         405534.83    3778862.14        2.27186                        405584.83
3778862.14        2.12159
         405634.83    3778862.14        1.97424                        405684.83
3778862.14        1.83032
         405734.83    3778862.14        1.70112                        405784.83
3778862.14        1.58274
         405834.83    3778862.14        1.47495                        405884.83
3778862.14        1.37647
         405934.83    3778862.14        1.28661                        405984.83
3778862.14        1.20472
         404034.83    3778912.14        0.82125                        404084.83
3778912.14        1.02805
         404134.83    3778912.14        1.13063                        404184.83
3778912.14        1.21477
         404234.83    3778912.14        1.25617                        404284.83
3778912.14        1.33438
         404334.83    3778912.14        1.42642                        404384.83
3778912.14        1.52585
         404434.83    3778912.14        1.64123                        404484.83
3778912.14        1.74332
         404534.83    3778912.14        1.76656                        404584.83
3778912.14        1.97264
         404634.83    3778912.14        2.12526                        404684.83
3778912.14        2.27063
         404734.83    3778912.14        2.40331                        404784.83
3778912.14        2.55693
         404834.83    3778912.14        2.68286                        404884.83
3778912.14        2.78039
         404934.83    3778912.14        2.81729                        404984.83
3778912.14        2.85145
         405034.83    3778912.14        2.77370                        405084.83
3778912.14        2.33733
         405134.83    3778912.14        2.27782                        405184.83
3778912.14        2.74400
         405234.83    3778912.14        2.61839                        405284.83
3778912.14        2.53214
         405334.83    3778912.14        2.43995                        405384.83
3778912.14        2.37960
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         405434.83    3778912.14        2.25415                      405484.83
3778912.14        2.15336
         405534.83    3778912.14        2.04032                      405584.83
3778912.14        1.93686
         405634.83    3778912.14        1.82493                      405684.83
3778912.14        1.71154
         405734.83    3778912.14        1.60421                      405784.83
3778912.14        1.49464
         405834.83    3778912.14        1.39770                      405884.83
3778912.14        1.31015
         405934.83    3778912.14        1.22942                      405984.83
3778912.14        1.15527
         404034.83    3778962.14        0.75555                      404084.83
3778962.14        0.86025
         404134.83    3778962.14        1.02694                      404184.83
3778962.14        1.10478
         404234.83    3778962.14        1.25917                      404284.83
3778962.14        1.20864
         404334.83    3778962.14        1.28694                      404384.83
3778962.14        1.37395
         404434.83    3778962.14        1.46325                      404484.83
3778962.14        1.52599
         404534.83    3778962.14        1.61896                      404584.83
3778962.14        1.75589
         404634.83    3778962.14        1.87277                      404684.83
3778962.14        1.98141
         404734.83    3778962.14        2.07355                      404784.83
3778962.14        2.14804
         404834.83    3778962.14        2.26694                      404884.83
3778962.14        2.35189
         404934.83    3778962.14        2.36835                      404984.83
3778962.14        2.10524
         405034.83    3778962.14        1.98073                      405084.83
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3778962.14        1.94482
         405134.83    3778962.14        2.20415                        405184.83
3778962.14        2.33593
         405234.83    3778962.14        2.27247                        405284.83
3778962.14        2.21515
         405334.83    3778962.14        2.15539                        405384.83
3778962.14        2.09888
         405434.83    3778962.14        1.99258                        405484.83
3778962.14        1.90767
         405534.83    3778962.14        1.83183                        405584.83
3778962.14        1.75710
         405634.83    3778962.14        1.67490                        405684.83
3778962.14        1.58915
         405734.83    3778962.14        1.50057                        405784.83
3778962.14        1.41089
         405834.83    3778962.14        1.32291                        405884.83
3778962.14        1.24506
         405934.83    3778962.14        1.17263                        405984.83
3778962.14        1.10570
         404034.83    3779012.14        0.71245                        404084.83
3779012.14        0.77691
         404134.83    3779012.14        0.88392                        404184.83
3779012.14        1.00961
         404234.83    3779012.14        1.08169                        404284.83
3779012.14        1.11714
         404334.83    3779012.14        1.17383                        404384.83
3779012.14        1.22274
         404434.83    3779012.14        1.25340                        404484.83
3779012.14        1.37591
         404534.83    3779012.14        1.48970                        404584.83
3779012.14        1.57848
         404634.83    3779012.14        1.65092                        404684.83
3779012.14        1.71996
         404734.83    3779012.14        1.79947                        404784.83
3779012.14        1.74996
         404834.83    3779012.14        1.80798                        404884.83
3779012.14        1.99903
         404934.83    3779012.14        1.67300                        404984.83
3779012.14        1.67218
         405034.83    3779012.14        1.72125                        405084.83
3779012.14        1.80029
         405134.83    3779012.14        2.03392                        405184.83
3779012.14        2.02881
         405234.83    3779012.14        1.97134                        405284.83
3779012.14        1.92974
         405334.83    3779012.14        1.86714                        405384.83
3779012.14        1.83968
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405434.83	3779012.14	1.75643	405484.83	3779012.14	1.70038
405534.83	3779012.14	1.64586	405584.83	3779012.14	1.58702
405634.83	3779012.14	1.52492	405684.83	3779012.14	1.46503
405734.83	3779012.14	1.39745	405784.83	3779012.14	1.32762
405834.83	3779012.14	1.25536	405884.83	3779012.14	1.18185
405934.83	3779012.14	1.11709	405984.83	3779012.14	1.05677
404034.83	3779062.14	0.66059	404084.83	3779062.14	0.72718
404134.83	3779062.14	0.83836	404184.83	3779062.14	0.92180
404234.83	3779062.14	0.95137	404284.83	3779062.14	1.00438
404334.83	3779062.14	1.00136	404384.83	3779062.14	1.11136
404434.83	3779062.14	1.17298	404484.83	3779062.14	1.21565
404534.83	3779062.14	1.26219	404584.83	3779062.14	1.30433

404634.83 3779062.14 1.30013 404684.83
3779062.14 1.27371
404734.83 3779062.14 1.31509 404784.83
3779062.14 1.35198
404834.83 3779062.14 1.37687 404884.83
3779062.14 1.70348
404934.83 3779062.14 1.68688 404984.83
3779062.14 1.66571
405034.83 3779062.14 1.69201 405084.83
3779062.14 1.78274
405134.83 3779062.14 1.78122 405184.83
3779062.14 1.78291
405234.83 3779062.14 1.75071 405284.83
3779062.14 1.71137
405334.83 3779062.14 1.75300 405384.83
3779062.14 1.61337
405434.83 3779062.14 1.56957 405484.83
3779062.14 1.52041
405534.83 3779062.14 1.47527 405584.83
3779062.14 1.43466
405634.83 3779062.14 1.39250 405684.83
3779062.14 1.34631
405734.83 3779062.14 1.29609 405784.83
3779062.14 1.24050
405834.83 3779062.14 1.18269 405884.83
3779062.14 1.12144
405934.83 3779062.14 1.06343 405984.83
3779062.14 1.00901
404034.83 3779112.14 0.62287 404084.83
3779112.14 0.68935
404134.83 3779112.14 0.77394 404184.83
3779112.14 0.83193
404234.83 3779112.14 0.88137 404284.83
3779112.14 0.93228
404334.83 3779112.14 0.95302 404384.83
3779112.14 0.92864
404434.83 3779112.14 0.92453 404484.83
3779112.14 0.97328
404534.83 3779112.14 1.03060 404584.83
3779112.14 1.08393
404634.83 3779112.14 1.13308 404684.83
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3779112.14 1.40907
404834.83 3779112.14 1.50670 404884.83
3779112.14 1.54721
404934.83 3779112.14 1.56480 404984.83
3779112.14 1.56879
405034.83 3779112.14 1.55231 405084.83
3779112.14 1.57647

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405434.83	3779112.14	1.40540	405484.83	3779112.14	1.36712
405534.83	3779112.14	1.33325	405584.83	3779112.14	1.30053
405634.83	3779112.14	1.26944	405684.83	3779112.14	1.23291
405734.83	3779112.14	1.19415	405784.83	3779112.14	1.15530
405834.83	3779112.14	1.11043	405884.83	3779112.14	1.06243
405934.83	3779112.14	1.01186	405984.83	3779112.14	0.96286
404034.83	3779162.14	0.55441	404084.83	3779162.14	0.58520
404134.83	3779162.14	0.62338	404184.83		

3779162.14 0.67176
404234.83 3779162.14 0.75531 404284.83
3779162.14 0.86292
404334.83 3779162.14 0.90059 404384.83
3779162.14 0.91806
404434.83 3779162.14 0.96439 404484.83
3779162.14 1.01206
404534.83 3779162.14 1.05256 404584.83
3779162.14 1.09237
404634.83 3779162.14 1.14110 404684.83
3779162.14 1.18972
404734.83 3779162.14 1.24092 404784.83
3779162.14 1.29281
404834.83 3779162.14 1.32660 404884.83
3779162.14 1.35716
404934.83 3779162.14 1.36864 404984.83
3779162.14 1.37869
405034.83 3779162.14 1.38186 405084.83
3779162.14 1.38512
405134.83 3779162.14 1.38366 405184.83
3779162.14 1.40782
405234.83 3779162.14 1.39345 405284.83
3779162.14 1.36420
405334.83 3779162.14 1.35255 405384.83
3779162.14 1.30219
405434.83 3779162.14 1.26505 405484.83
3779162.14 1.23747
405534.83 3779162.14 1.21132 405584.83
3779162.14 1.18258
405634.83 3779162.14 1.16011 405684.83
3779162.14 1.13335
405734.83 3779162.14 1.10341 405784.83
3779162.14 1.07208
405834.83 3779162.14 1.04056 405884.83
3779162.14 1.00259
405934.83 3779162.14 0.96218 405984.83
3779162.14 0.91857
404034.83 3779212.14 0.54375 404084.83
3779212.14 0.58076
404134.83 3779212.14 0.61269 404184.83
3779212.14 0.65236
404234.83 3779212.14 0.69598 404284.83
3779212.14 0.79629
404334.83 3779212.14 0.86428 404384.83
3779212.14 0.85689
404434.83 3779212.14 0.87155 404484.83
3779212.14 0.90020
404534.83 3779212.14 0.92685 404584.83
3779212.14 0.96943
404634.83 3779212.14 1.01157 404684.83

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405434.83	3779212.14	1.14707	405484.83	3779212.14	1.12400
405534.83	3779212.14	1.10736	405584.83	3779212.14	1.08955
405634.83	3779212.14	1.06763	405684.83	3779212.14	1.04177

```
         405734.83    3779212.14        1.01998                    405784.83
3779212.14        0.99542
         405834.83    3779212.14        0.96898                    405884.83
3779212.14        0.94180
         405934.83    3779212.14        0.91191                    405984.83
3779212.14        0.87639
         404034.83    3779262.14        0.50296                    404084.83
3779262.14        0.53113
         404134.83    3779262.14        0.56216                    404184.83
3779262.14        0.59309
         404234.83    3779262.14        0.64448                    404284.83
3779262.14        0.71310
         404334.83    3779262.14        0.76168                    404384.83
3779262.14        0.77659
         404434.83    3779262.14        0.79540                    404484.83
3779262.14        0.81831
         404534.83    3779262.14        0.84103                    404584.83
3779262.14        0.87231
         404634.83    3779262.14        0.90738                    404684.83
3779262.14        0.93948
         404734.83    3779262.14        0.97400                    404784.83
3779262.14        1.00517
         404834.83    3779262.14        1.02609                    404884.83
3779262.14        1.05320
         404934.83    3779262.14        1.06378                    404984.83
3779262.14        1.06926
         405034.83    3779262.14        1.06403                    405084.83
3779262.14        1.08366
         405134.83    3779262.14        1.08978                    405184.83
3779262.14        1.12076
         405234.83    3779262.14        1.12360                    405284.83
3779262.14        1.11512
         405334.83    3779262.14        1.07965                    405384.83
3779262.14        1.06490
         405434.83    3779262.14        1.04730                    405484.83
3779262.14        1.03027
         405534.83    3779262.14        1.01464                    405584.83
3779262.14        0.99938
         405634.83    3779262.14        0.98197                    405684.83
3779262.14        0.96411
         405734.83    3779262.14        0.94165                    405784.83
3779262.14        0.92152
         405834.83    3779262.14        0.90191                    405884.83
3779262.14        0.88260
         405934.83    3779262.14        0.85581                    405984.83
3779262.14        0.82983
         404034.83    3779312.14        0.46542                    404084.83
3779312.14        0.48906
         404134.83    3779312.14        0.51549                    404184.83
3779312.14        0.55311
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         404234.83    3779312.14        0.58272                      404284.83
3779312.14        0.62108
         404334.83    3779312.14        0.68187                      404384.83
3779312.14        0.72946
         404434.83    3779312.14        0.71796                      404484.83
3779312.14        0.73370
         404534.83    3779312.14        0.75454                      404584.83
3779312.14        0.78159
         404634.83    3779312.14        0.81000                      404684.83
3779312.14        0.83362
         404734.83    3779312.14        0.86231                      404784.83
3779312.14        0.88585
         404834.83    3779312.14        0.91377                      404884.83
3779312.14        0.93632
         404934.83    3779312.14        0.93466                      404984.83
3779312.14        0.93423
         405034.83    3779312.14        0.93750                      405084.83
3779312.14        0.97638
         405134.83    3779312.14        0.97712                      405184.83
3779312.14        0.99800
         405234.83    3779312.14        0.99318                      405284.83
3779312.14        1.01114
         405334.83    3779312.14        0.96917                      405384.83
3779312.14        0.96268
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:36:39

                                 PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M)   CONC
 -
- -
405434.83   3779312.14   0.94715   405484.83
3779312.14   0.94089
405534.83   3779312.14   0.93154   405584.83
3779312.14   0.91931
405634.83   3779312.14   0.90022   405684.83
3779312.14   0.88176
405734.83   3779312.14   0.86855   405784.83
3779312.14   0.85724
405834.83   3779312.14   0.84239   405884.83
3779312.14   0.82393
405934.83   3779312.14   0.80503   405984.83
3779312.14   0.78765
404970.79   3778738.95   5.88410   405010.60
3778742.41   5.74377
405046.95   3778740.68   5.66210   405085.03
3778742.41   5.57642
405131.77   3778740.68   5.36731   405211.39
3778744.14   4.86897
405252.94   3778742.41   4.64581   405299.67
3778744.14   4.29945
405346.41   3778745.87   3.97910

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
404034.83	3777362.14	2.00620	(16093007)	404084.83	3777362.14	2.45407	(12021216)
404134.83	3777362.14	2.94127	(12021216)	404184.83	3777362.14	3.41599	(12021216)
404234.83	3777362.14	3.83158	(12021216)	404284.83	3777362.14	4.13889	(12021216)
404334.83	3777362.14	5.36458	(12111715)	404384.83	3777362.14	6.58343	(12111715)
404434.83	3777362.14	7.61650	(12111715)	404484.83	3777362.14	8.26794	(12111715)
404534.83	3777362.14	8.36979	(12111715)	404584.83	3777362.14	8.40881	(12021515)
404634.83	3777362.14	9.02572	(12021515)	404684.83	3777362.14	8.95098	(12021515)
404734.83	3777362.14	8.16185	(12021515)	404784.83	3777362.14	6.80344	(12021515)
404834.83	3777362.14	5.16393	(12021515)	404884.83	3777362.14	5.44603	(15122816)
404934.83	3777362.14	5.77977	(15122816)	404984.83	3777362.14	5.66640	(15122816)
405034.83	3777362.14	6.41440	(12101116)	405084.83	3777362.14	6.99852	(12101116)
405134.83	3777362.14	7.01477	(12101116)	405184.83	3777362.14	6.47218	(12101116)
405234.83	3777362.14	7.56600	(12042618)	405284.83	3777362.14	8.45666	(12042618)
405334.83	3777362.14	8.77306	(12042618)	405384.83	3777362.14	8.48305	(12042618)
405434.83	3777362.14	8.24393	(12120216)	405484.83	3777362.14	8.42035	(12120216)
405534.83	3777362.14	8.00478	(12120216)	405584.83	3777362.14	7.11505	(12120216)
405634.83	3777362.14	5.94131	(12120216)	405684.83	3777362.14	5.22959	(12111716)
405734.83	3777362.14	4.64352	(12111716)	405784.83	3777362.14	3.92797	(12111716)
405834.83	3777362.14	3.17749	(12111716)	405884.83	3777362.14	3.02080	(14120116)
405934.83	3777362.14	2.95945	(14120116)	405984.83	3777362.14	2.84776	(14120116)
404034.83	3777412.14	2.09679	(16093007)	404084.83	3777412.14	2.22950	(12021216)
404134.83	3777412.14	2.75507	(12021216)	404184.83	3777412.14	3.30398	(12021216)
404234.83	3777412.14	3.82916	(12021216)	404284.83	3777412.14	4.27579	(12021216)

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        404334.83   3777412.14        5.00508  (12111715)               404384.83
3777412.14        6.40330  (12111715)
        404434.83   3777412.14        7.71727  (12111715)               404484.83
3777412.14        8.71628  (12111715)
        404534.83   3777412.14        9.17905  (12111715)               404584.83
3777412.14        8.94492  (12111715)
        404634.83   3777412.14        9.68330  (12021515)               404684.83
3777412.14        9.89399  (12021515)
        404734.83   3777412.14        9.27428  (12021515)               404784.83
3777412.14        7.90626  (12021515)
        404834.83   3777412.14        6.09952  (12021515)               404884.83
3777412.14        5.87466  (15122816)
        404934.83   3777412.14        6.28865  (15122816)               404984.83
3777412.14        6.18593  (15122816)
        405034.83   3777412.14        7.05535  (12101116)               405084.83
3777412.14        7.66107  (12101116)
        405134.83   3777412.14        7.59835  (12101116)               405184.83
3777412.14        7.23840  (12042618)
        405234.83   3777412.14        8.60820  (12042618)               405284.83
3777412.14        9.41872  (12042618)
        405334.83   3777412.14        9.53050  (12042618)               405384.83
3777412.14        8.96020  (12042618)
        405434.83   3777412.14        9.19229  (12120216)               405484.83
3777412.14        9.04037  (12120216)
        405534.83   3777412.14        8.26082  (12120216)               405584.83
3777412.14        7.04863  (12120216)
        405634.83   3777412.14        5.86896  (12111716)               405684.83
3777412.14        5.27774  (12111716)
        405734.83   3777412.14        4.50151  (12111716)               405784.83
3777412.14        3.65723  (12111716)
        405834.83   3777412.14        3.32883  (14120116)               405884.83
3777412.14        3.25806  (14120116)
        405934.83   3777412.14        3.12826  (14120116)               405984.83
3777412.14        2.95252  (14120116)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:36:39

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
404034.83	3777462.14	2.19014	(16093007)	404084.83	3777462.14	2.29674	(16093007)
404134.83	3777462.14	2.50809	(12021216)	404184.83	3777462.14	3.11067	(12021216)
404234.83	3777462.14	3.73152	(12021216)	404284.83	3777462.14	4.31429	(12021216)
404334.83	3777462.14	4.78615	(12021216)	404384.83	3777462.14	6.07490	(12111715)
404434.83	3777462.14	7.64891	(12111715)	404484.83	3777462.14	9.02352	(12111715)
404534.83	3777462.14	9.89342	(12111715)	404584.83	3777462.14	10.04131	(12111715)
404634.83	3777462.14	10.28641	(12021515)	404684.83	3777462.14	10.87649	(12021515)
404734.83	3777462.14	10.49121	(12021515)	404784.83	3777462.14	9.18093	(12021515)
404834.83	3777462.14	7.22297	(12021515)	404884.83	3777462.14	6.35627	(15122816)
404934.83	3777462.14	6.86954	(15122816)	404984.83	3777462.14	6.77779	(15122816)
405034.83	3777462.14	7.80287	(12101116)	405084.83	3777462.14	8.41523	(12101116)
405134.83	3777462.14	8.23983	(12101116)	405184.83	3777462.14	8.39437	(12042618)
405234.83	3777462.14	9.78788	(12042618)	405284.83	3777462.14	10.45293	(12042618)
405334.83	3777462.14	10.28994	(12042618)	405384.83	3777462.14	9.86225	(12120216)
405434.83	3777462.14	10.10571	(12120216)	405484.83	3777462.14	9.53485	(12120216)
405534.83	3777462.14	8.34530	(12120216)	405584.83	3777462.14	6.81148	(12120216)
405634.83	3777462.14	6.01135	(12111716)	405684.83	3777462.14	5.17776	(12111716)
405734.83	3777462.14	4.23081	(12111716)	405784.83	3777462.14	3.69107	(14120116)
405834.83	3777462.14	3.60857	(14120116)	405884.83			

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3777462.14        3.45620  (14120116)
        405934.83   3777462.14        3.25000  (14120116)                405984.83
3777462.14        3.07521  (12012517)
        404034.83   3777512.14        2.28702  (16093007)                404084.83
3777512.14        2.40444  (16093007)
        404134.83   3777512.14        2.52629  (16093007)                404184.83
3777512.14        2.84090  (12021216)
        404234.83   3777512.14        3.53172  (12021216)                404284.83
3777512.14        4.23650  (12021216)
        404334.83   3777512.14        4.88012  (12021216)                404384.83
3777512.14        5.58852  (12111715)
        404434.83   3777512.14        7.38221  (12111715)                404484.83
3777512.14        9.12049  (12111715)
        404534.83   3777512.14       10.47539  (12111715)                404584.83
3777512.14       11.10298  (12111715)
        404634.83   3777512.14       10.80891  (12021515)                404684.83
3777512.14       11.86458  (12021515)
        404734.83   3777512.14       11.83525  (12021515)                404784.83
3777512.14       10.64155  (12021515)
        404834.83   3777512.14        8.57636  (12021515)                404884.83
3777512.14        6.89783  (15122816)
        404934.83   3777512.14        7.53695  (15122816)                404984.83
3777512.14        7.46644  (15122816)
        405034.83   3777512.14        8.66011  (12101116)                405084.83
3777512.14        9.28250  (12101116)
        405134.83   3777512.14        8.96916  (12101116)                405184.83
3777512.14        9.75082  (12042618)
        405234.83   3777512.14       11.11904  (12042618)                405284.83
3777512.14       11.55702  (12042618)
        405334.83   3777512.14       11.02352  (12042618)                405384.83
3777512.14       11.13200  (12120216)
        405434.83   3777512.14       10.91945  (12120216)                405484.83
3777512.14        9.84716  (12120216)
        405534.83   3777512.14        8.22312  (12120216)                405584.83
3777512.14        6.86305  (12111716)
        405634.83   3777512.14        5.97773  (12111716)                405684.83
3777512.14        4.91593  (12111716)
        405734.83   3777512.14        4.12241  (14120116)                405784.83
3777512.14        4.02532  (14120116)
        405834.83   3777512.14        3.84353  (14120116)                405884.83
3777512.14        3.59892  (14120116)
        405934.83   3777512.14        3.43484  (12012517)                405984.83
3777512.14        3.31492  (12012517)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
404034.83	3777562.14	2.38527	(16093007)	404084.83	3777562.14	2.51563	(16093007)
404134.83	3777562.14	2.65272	(16093007)	404184.83	3777562.14	2.79451	(16093007)
404234.83	3777562.14	3.23480	(12021216)	404284.83	3777562.14	4.03661	(12021216)
404334.83	3777562.14	4.83975	(12021216)	404384.83	3777562.14	5.55498	(12021216)
404434.83	3777562.14	6.91703	(12111715)	404484.83	3777562.14	8.99264	(12111715)
404534.83	3777562.14	10.84257	(12111715)	404584.83	3777562.14	12.07096	(12111715)
404634.83	3777562.14	12.27169	(12111715)	404684.83	3777562.14	12.81498	(12021515)
404734.83	3777562.14	13.27075	(12021515)	404784.83	3777562.14	12.33676	(12021515)
404834.83	3777562.14	10.20889	(12021515)	404884.83	3777562.14	7.51286	(15122816)
404934.83	3777562.14	8.31107	(15122816)	404984.83	3777562.14	8.27284	(15122816)
405034.83	3777562.14	9.67469	(12101116)	405084.83	3777562.14	10.28307	(12101116)
405134.83	3777562.14	9.77809	(12101116)	405184.83	3777562.14	11.33909	(12042618)
405234.83	3777562.14	12.60363	(12042618)	405284.83	3777562.14	12.70178	(12042618)
405334.83	3777562.14	12.02857	(12120216)	405384.83	3777562.14	12.36397	(12120216)

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        405434.83   3777562.14       11.56144  (12120216)               405484.83
3777562.14        9.92003  (12120216)
        405534.83   3777562.14        7.86999  (12120216)               405584.83
3777562.14        6.93322  (12111716)
        405634.83   3777562.14        5.74585  (12111716)               405684.83
3777562.14        4.64196  (14120116)
        405734.83   3777562.14        4.52592  (14120116)               405784.83
3777562.14        4.30724  (14120116)
        405834.83   3777562.14        4.01335  (14120116)               405884.83
3777562.14        3.85644  (12012517)
        405934.83   3777562.14        3.70117  (12012517)               405984.83
3777562.14        3.49324  (12012517)
        404034.83   3777612.14        2.49074  (16093007)               404084.83
3777612.14        2.63213  (16093007)
        404134.83   3777612.14        2.78113  (16093007)               404184.83
3777612.14        2.94485  (16093007)
        404234.83   3777612.14        3.11626  (16093007)               404284.83
3777612.14        3.71307  (12021216)
        404334.83   3777612.14        4.64466  (12021216)               404384.83
3777612.14        5.56824  (12021216)
        404434.83   3777612.14        6.35445  (12021216)               404484.83
3777612.14        8.57999  (12111715)
        404534.83   3777612.14       10.94406  (12111715)               404584.83
3777612.14       12.85407  (12111715)
        404634.83   3777612.14       13.75873  (12111715)               404684.83
3777612.14       13.70523  (12021515)
        404734.83   3777612.14       14.81398  (12021515)               404784.83
3777612.14       14.29369  (12021515)
        404834.83   3777612.14       12.17841  (12021515)               404884.83
3777612.14        9.07723  (12021515)
        404934.83   3777612.14        9.21882  (15122816)               404984.83
3777612.14        9.22962  (15122816)
        405034.83   3777612.14       10.87706  (12101116)               405084.83
3777612.14       11.45088  (12101116)
        405134.83   3777612.14       10.93342  (12042618)               405184.83
3777612.14       13.19971  (12042618)
        405234.83   3777612.14       14.24279  (12042618)               405284.83
3777612.14       13.85546  (12042618)
        405334.83   3777612.14       13.78169  (12120216)               405384.83
3777612.14       13.47332  (12120216)
        405434.83   3777612.14       11.94963  (12120216)               405484.83
3777612.14        9.70419  (12120216)
        405534.83   3777612.14        8.07451  (12111716)               405584.83
3777612.14        6.76089  (12111716)
        405634.83   3777612.14        5.31216  (12111716)               405684.83
3777612.14        5.13491  (14120116)
        405734.83   3777612.14        4.86913  (14120116)               405784.83
3777612.14        4.51064  (14120116)
        405834.83   3777612.14        4.35558  (12012517)               405884.83
3777612.14        4.15340  (12012517)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        404034.83   3777662.14   2.59768 (16093007)   404084.83
3777662.14   2.75278 (16093007)
        404134.83   3777662.14   2.92039 (16093007)   404184.83
3777662.14   3.09793 (16093007)
        404234.83   3777662.14   3.29050 (16093007)   404284.83
3777662.14   3.49912 (16093007)
        404334.83   3777662.14   4.29378 (12021216)   404384.83
3777662.14   5.39241 (12021216)
        404434.83   3777662.14   6.45663 (12021216)   404484.83
3777662.14   7.89503 (12111715)
        404534.83   3777662.14   10.69438 (12111715)   404584.83
3777662.14   13.30764 (12111715)
        404634.83   3777662.14   15.08497 (12111715)   404684.83
3777662.14   15.41685 (12111715)
        404734.83   3777662.14   16.34994 (12021515)   404784.83
3777662.14   16.47766 (12021515)
        404834.83   3777662.14   14.54112 (12021515)   404884.83
3777662.14   11.11606 (12021515)
        404934.83   3777662.14   10.28086 (15122816)   404984.83

3777662.14 10.36519 (15122816)
405034.83 3777662.14 12.30444 (12101116) 405084.83
3777662.14 12.81826 (12101116)
405134.83 3777662.14 13.07241 (12042618) 405184.83
3777662.14 15.36909 (12042618)
405234.83 3777662.14 16.02607 (12042618) 405284.83
3777662.14 15.02158 (12120216)
405334.83 3777662.14 15.51599 (12120216) 405384.83
3777662.14 14.33433 (12120216)
405434.83 3777662.14 11.98932 (12120216) 405484.83
3777662.14 9.44134 (12111716)
405534.83 3777662.14 8.00491 (12111716) 405584.83
3777662.14 6.32316 (12111716)
405634.83 3777662.14 5.89327 (14120116) 405684.83
3777662.14 5.55989 (14120116)
405734.83 3777662.14 5.11731 (14120116) 405784.83
3777662.14 4.95074 (12012517)
405834.83 3777662.14 4.68687 (12012517) 405884.83
3777662.14 4.35367 (12012517)
405934.83 3777662.14 3.97940 (12012517) 405984.83
3777662.14 3.58691 (12012517)
404034.83 3777712.14 2.70656 (16093007) 404084.83
3777712.14 2.87643 (16093007)
404134.83 3777712.14 3.06225 (16093007) 404184.83
3777712.14 3.26290 (16093007)
404234.83 3777712.14 3.47702 (16093007) 404284.83
3777712.14 3.70979 (16093007)
404334.83 3777712.14 3.96316 (16093007) 404384.83
3777712.14 5.01231 (12021216)
404434.83 3777712.14 6.31408 (12021216) 404484.83
3777712.14 7.54619 (12021216)
404534.83 3777712.14 10.05513 (12111715) 404584.83
3777712.14 13.37006 (12111715)
404634.83 3777712.14 16.15260 (12111715) 404684.83
3777712.14 17.50711 (12111715)
404734.83 3777712.14 17.86459 (12021515) 404784.83
3777712.14 18.88831 (12021515)
404834.83 3777712.14 17.35941 (12021515) 404884.83
3777712.14 13.68209 (12021515)
404934.83 3777712.14 11.56756 (15122816) 404984.83
3777712.14 11.79693 (12101116)
405034.83 3777712.14 14.05610 (12101116) 405084.83
3777712.14 14.43540 (12101116)
405134.83 3777712.14 15.70620 (12042618) 405184.83
3777712.14 17.88403 (12042618)
405234.83 3777712.14 17.91442 (12042618) 405284.83
3777712.14 17.56059 (12120216)
405334.83 3777712.14 17.08721 (12120216) 405384.83
3777712.14 14.82149 (12120216)
405434.83 3777712.14 11.60590 (12120216) 405484.83

3777712.14 9.54324 (12111716)
  405534.83 3777712.14 7.59232 (12111716) 405584.83
3777712.14 6.86387 (14120116)
  405634.83 3777712.14 6.43221 (14120116) 405684.83
3777712.14 5.89953 (12012517)
  405734.83 3777712.14 5.66867 (12012517) 405784.83
3777712.14 5.32031 (12012517)
  405834.83 3777712.14 4.89470 (12012517) 405884.83
3777712.14 4.42716 (12012517)
  405934.83 3777712.14 4.16137 (12031617) 405984.83
3777712.14 4.40928 (12031617)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
  L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
  L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
  L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
404034.83	3777762.14	2.81571	(16093007)	404084.83	3777762.14	3.00288	(16093007)
404134.83	3777762.14	3.20766	(16093007)	404184.83	3777762.14	3.42853	(16093007)
404234.83	3777762.14	3.67099	(16093007)	404284.83	3777762.14	3.93567	(16093007)
404334.83	3777762.14	4.22168	(16093007)	404384.83	3777762.14	4.53407	(16093007)
404434.83	3777762.14	5.91017	(12021216)	404484.83	3777762.14	7.47582	(12021216)

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        404534.83   3777762.14        9.02804  (12111715)               404584.83
3777762.14       12.90904  (12111715)
        404634.83   3777762.14       16.75740  (12111715)               404684.83
3777762.14       19.48604  (12111715)
        404734.83   3777762.14       19.98885  (12111715)               404784.83
3777762.14       21.48924  (12021515)
        404834.83   3777762.14       20.75157  (12021515)               404884.83
3777762.14       16.94594  (12021515)
        404934.83   3777762.14       13.10832  (15122816)               404984.83
3777762.14       13.60207  (12101116)
        405034.83   3777762.14       16.19812  (12101116)               405084.83
3777762.14       16.35967  (12101116)
        405134.83   3777762.14       18.93145  (12042618)               405184.83
3777762.14       20.76329  (12042618)
        405234.83   3777762.14       19.82950  (12042618)               405284.83
3777762.14       20.13481  (12120216)
        405334.83   3777762.14       18.29798  (12120216)               405384.83
3777762.14       14.77852  (12120216)
        405434.83   3777762.14       11.48046  (12111716)               405484.83
3777762.14        9.20461  (12111716)
        405534.83   3777762.14        8.11562  (14120116)               405584.83
3777762.14        7.56084  (14120116)
        405634.83   3777762.14        6.86945  (12012517)               405684.83
3777762.14        6.54564  (12012517)
        405734.83   3777762.14        6.08452  (12012517)               405784.83
3777762.14        5.53245  (12012517)
        405834.83   3777762.14        4.94235  (12012517)               405884.83
3777762.14        5.05247  (12031617)
        405934.83   3777762.14        5.67120  (12031616)               405984.83
3777762.14        6.19023  (12031616)
        404034.83   3777812.14        2.92499  (16093007)               404084.83
3777812.14        3.12984  (16093007)
        404134.83   3777812.14        3.35366  (16093007)               404184.83
3777812.14        3.59850  (16093007)
        404234.83   3777812.14        3.86860  (16093007)               404284.83
3777812.14        4.16716  (16093007)
        404334.83   3777812.14        4.49289  (16093007)               404384.83
3777812.14        4.85396  (16093007)
        404434.83   3777812.14        5.24836  (12021216)               404484.83
3777812.14        7.05864  (12021216)
        404534.83   3777812.14        8.96397  (12021216)               404584.83
3777812.14       11.87308  (12111715)
        404634.83   3777812.14       16.70799  (12111715)               404684.83
3777812.14       21.01493  (12111715)
        404734.83   3777812.14       23.21415  (12111715)               404784.83
3777812.14       24.16867  (12021515)
        404834.83   3777812.14       24.73816  (12021515)               404884.83
3777812.14       21.10836  (12021515)
        404934.83   3777812.14       14.98823  (15122816)               404984.83
3777812.14       15.85963  (12101116)
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        405034.83   3777812.14       18.84753  (12101116)               405084.83
3777812.14       18.66283  (12101116)
        405134.83   3777812.14       22.90078  (12042618)               405184.83
3777812.14       23.99609  (12042618)
        405234.83   3777812.14       23.27630  (12120216)               405284.83
3777812.14       22.49464  (12120216)
        405334.83   3777812.14       18.91008  (12120216)               405384.83
3777812.14       14.08441  (12120216)
        405434.83   3777812.14       11.30169  (12111716)               405484.83
3777812.14        9.70015  (14120116)
        405534.83   3777812.14        9.00250  (14120116)               405584.83
3777812.14        8.08993  (12012517)
        405634.83   3777812.14        7.63199  (12012517)               405684.83
3777812.14        7.00652  (12012517)
        405734.83   3777812.14        6.28697  (12012517)               405784.83
3777812.14        5.90671  (12031616)
        405834.83   3777812.14        6.70734  (12031616)               405884.83
3777812.14        7.37251  (12031616)
        405934.83   3777812.14        7.87904  (12031616)               405984.83
3777812.14        8.21879  (12031616)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                   PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        404034.83   3777862.14        3.03289  (16093007)               404084.83
```

3777862.14 3.25430 (16093007)
404134.83 3777862.14 3.49913 (16093007) 404184.83
3777862.14 3.77002 (16093007)
404234.83 3777862.14 4.07207 (16093007) 404284.83
3777862.14 4.40651 (16093007)
404334.83 3777862.14 4.77936 (16093007) 404384.83
3777862.14 5.19307 (16093007)
404434.83 3777862.14 5.65246 (16093007) 404484.83
3777862.14 6.28381 (12021216)
404534.83 3777862.14 8.55106 (12021216) 404584.83
3777862.14 10.91376 (12021216)
404634.83 3777862.14 15.83249 (12111715) 404684.83
3777862.14 21.79303 (12111715)
404734.83 3777862.14 26.27217 (12111715) 404784.83
3777862.14 27.13157 (12111715)
404834.83 3777862.14 29.35780 (12021515) 404884.83
3777862.14 26.44302 (12021515)
404934.83 3777862.14 19.15783 (12021515) 404984.83
3777862.14 18.75566 (12101116)
405034.83 3777862.14 22.24632 (12101116) 405084.83
3777862.14 23.33572 (12042618)
405134.83 3777862.14 27.76621 (12042618) 405184.83
3777862.14 27.51065 (12042618)
405234.83 3777862.14 27.35094 (12120216) 405284.83
3777862.14 24.27579 (12120216)
405334.83 3777862.14 18.65659 (12120216) 405384.83
3777862.14 14.06766 (12111716)
405434.83 3777862.14 11.77924 (14120116) 405484.83
3777862.14 10.86737 (14120116)
405534.83 3777862.14 9.64948 (12012517) 405584.83
3777862.14 8.99270 (12012517)
405634.83 3777862.14 8.13749 (12012517) 405684.83
3777862.14 7.19285 (12012517)
405734.83 3777862.14 8.02672 (12031616) 405784.83
3777862.14 8.90195 (12031616)
405834.83 3777862.14 9.55221 (12031616) 405884.83
3777862.14 9.97055 (12031616)
405934.83 3777862.14 10.16181 (12031616) 405984.83
3777862.14 10.14804 (12031616)
404034.83 3777912.14 3.63594 (12022717) 404084.83
3777912.14 3.49339 (12022717)
404134.83 3777912.14 3.64419 (16093007) 404184.83
3777912.14 3.94192 (16093007)
404234.83 3777912.14 4.27594 (16093007) 404284.83
3777912.14 4.64977 (16093007)
404334.83 3777912.14 5.07377 (16093007) 404384.83
3777912.14 5.54900 (16093007)
404434.83 3777912.14 6.08423 (16093007) 404484.83
3777912.14 6.68179 (16093007)
404534.83 3777912.14 7.64347 (12021216) 404584.83

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3777912.14       10.56074  (12021216)
        404634.83   3777912.14       14.05953  (12111715)                404684.83
3777912.14       21.45887  (12111715)
        404734.83   3777912.14       28.60773  (12111715)                404784.83
3777912.14       32.49300  (12111715)
        404834.83   3777912.14       34.54220  (12021515)                404884.83
3777912.14       33.29022  (12021515)
        404934.83   3777912.14       25.19812  (12021515)                404984.83
3777912.14       22.54866  (12101116)
        405034.83   3777912.14       26.66474  (12101116)                405084.83
3777912.14       29.80022  (12042618)
        405134.83   3777912.14       33.68111  (12042618)                405184.83
3777912.14       32.54779  (12120216)
        405234.83   3777912.14       31.16670  (12120216)                405284.83
3777912.14       25.02761  (12120216)
        405334.83   3777912.14       17.80476  (12111716)                405384.83
3777912.14       14.57616  (14120116)
        405434.83   3777912.14       13.35120  (14120116)                405484.83
3777912.14       11.69686  (12012517)
        405534.83   3777912.14       10.73505  (12012517)                405584.83
3777912.14        9.54344  (12012517)
        405634.83   3777912.14        9.73393  (12031616)                405684.83
3777912.14       10.92849  (12031616)
        405734.83   3777912.14       11.79223  (12031616)                405784.83
3777912.14       12.31021  (12031616)
        405834.83   3777912.14       12.50748  (12031616)                405884.83
3777912.14       12.43277  (12031616)
        405934.83   3777912.14       12.09765  (12031616)                405984.83
3777912.14       11.59378  (12031616)
♠ *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:36:39

                                  PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
404034.83	3777962.14	4.81979	(12022717)	404084.83	3777962.14	4.79891	(12022717)
404134.83	3777962.14	4.72025	(12022717)	404184.83	3777962.14	4.57530	(12022717)
404234.83	3777962.14	4.47689	(16093007)	404284.83	3777962.14	4.89487	(16093007)
404334.83	3777962.14	5.37050	(16093007)	404384.83	3777962.14	5.91558	(16093007)
404434.83	3777962.14	6.53418	(16093007)	404484.83	3777962.14	7.24447	(16093007)
404534.83	3777962.14	8.05375	(16093007)	404584.83	3777962.14	9.48038	(12021216)
404634.83	3777962.14	13.32890	(12021216)	404684.83	3777962.14	19.70168	(12111715)
404734.83	3777962.14	29.55243	(12111715)	404784.83	3777962.14	37.66923	(12111715)
404834.83	3777962.14	40.06196	(12021515)	404884.83	3777962.14	42.06139	(12021515)
404934.83	3777962.14	33.73419	(12021515)	404984.83	3777962.14	27.68235	(12101116)
405034.83	3777962.14	32.56111	(12101116)	405084.83	3777962.14	38.50812	(12042618)
405134.83	3777962.14	40.75310	(12042618)	405184.83	3777962.14	39.70036	(12120216)
405234.83	3777962.14	33.97297	(12120216)	405284.83	3777962.14	24.23421	(12120216)
405334.83	3777962.14	18.47622	(14120116)	405384.83	3777962.14	16.77798	(14120116)
405434.83	3777962.14	14.44429	(12012517)	405484.83	3777962.14	13.01036	(12012517)
405534.83	3777962.14	11.98252	(12031616)	405584.83	3777962.14	13.68894	(12031616)
405634.83	3777962.14	14.88468	(12031616)	405684.83	3777962.14	15.55601	(12031616)
405734.83	3777962.14	15.74313	(12031616)	405784.83	3777962.14	15.51484	(12031616)
405834.83	3777962.14	14.95742	(12031616)	405884.83	3777962.14	14.16830	(12031616)
405934.83	3777962.14	13.22142	(12031616)	405984.83	3777962.14	12.18922	(12031616)
404034.83	3778012.14	5.94560	(12022717)	404084.83	3778012.14	6.11470	(12022717)

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        404134.83   3778012.14        6.23602  (12022717)               404184.83
3778012.14        6.29366  (12022717)
        404234.83   3778012.14        6.26973  (12022717)               404284.83
3778012.14        6.14909  (12022717)
        404334.83   3778012.14        5.91358  (12022717)               404384.83
3778012.14        6.28668  (16093007)
        404434.83   3778012.14        6.99544  (16093007)               404484.83
3778012.14        7.82764  (16093007)
        404534.83   3778012.14        8.79885  (16093007)               404584.83
3778012.14        9.93232  (16093007)
        404634.83   3778012.14       12.05693  (12021216)               404684.83
3778012.14       17.31724  (12021216)
        404734.83   3778012.14       28.41732  (12111715)               404784.83
3778012.14       41.58047  (12111715)
        404834.83   3778012.14       49.44896  (12111715)               404884.83
3778012.14       53.15700  (12021515)
        404934.83   3778012.14       46.07237  (12021515)               404984.83
3778012.14       34.88434  (12101116)
        405034.83   3778012.14       40.71697  (12101116)               405084.83
3778012.14       50.37183  (12042618)
        405134.83   3778012.14       49.44672  (12120216)               405184.83
3778012.14       46.61687  (12120216)
        405234.83   3778012.14       34.77732  (12120216)               405284.83
3778012.14       24.15330  (14120116)
        405334.83   3778012.14       21.65078  (14120116)               405384.83
3778012.14       18.26300  (14120116)
        405434.83   3778012.14       16.04190  (12012517)               405484.83
3778012.14       17.57381  (12031616)
        405534.83   3778012.14       19.32806  (12031616)               405584.83
3778012.14       20.21764  (12031616)
        405634.83   3778012.14       20.33975  (12031616)               405684.83
3778012.14       19.86369  (12031616)
        405734.83   3778012.14       18.90730  (12031616)               405784.83
3778012.14       17.64481  (12031616)
        405834.83   3778012.14       16.20793  (12031616)               405884.83
3778012.14       14.70616  (12031616)
        405934.83   3778012.14       13.19651  (12031616)               405984.83
3778012.14       11.74227  (12031616)
♠ *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                   PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        404034.83   3778062.14        6.80025  (12022717)               404084.83
3778062.14        7.19822  (12022717)
        404134.83   3778062.14        7.58091  (12022717)               404184.83
3778062.14        7.93399  (12022717)
        404234.83   3778062.14        8.23517  (12022717)               404284.83
3778062.14        8.46149  (12022717)
        404334.83   3778062.14        8.58568  (12022717)               404384.83
3778062.14        8.55325  (12022717)
        404434.83   3778062.14        8.33408  (12022717)               404484.83
3778062.14        8.41950  (16093007)
        404534.83   3778062.14        9.57596  (16093007)               404584.83
3778062.14       10.95821  (16093007)
        404634.83   3778062.14       12.62397  (16093007)               404684.83
3778062.14       15.81041  (12021216)
        404734.83   3778062.14       24.62474  (12111715)               404784.83
3778062.14       42.58764  (12111715)
        404834.83   3778062.14       59.69886  (12111715)               404884.83
3778062.14       66.73011  (12021515)
        404934.83   3778062.14       64.32904  (12021515)               404984.83
3778062.14       45.56465  (12101116)
        405034.83   3778062.14       54.87230  (12042618)               405084.83
3778062.14       66.76601  (12042618)
        405134.83   3778062.14       64.17531  (12120216)               405184.83
3778062.14       51.52042  (12120216)
        405234.83   3778062.14       32.88149  (14120116)               405284.83
3778062.14       29.04392  (14120116)
        405334.83   3778062.14       23.80979  (14120116)               405384.83
3778062.14       23.26393  (12031616)
        405434.83   3778062.14       26.06347  (12031616)               405484.83
3778062.14       27.32494  (12031616)
        405534.83   3778062.14       27.27883  (12031616)               405584.83
3778062.14       26.25014  (12031616)
        405634.83   3778062.14       24.58021  (12031616)               405684.83
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3778062.14       22.49850  (12031616)
        405734.83   3778062.14       20.25005  (12031616)                405784.83
3778062.14       17.99043  (12031616)
        405834.83   3778062.14       15.82059  (12031616)                405884.83
3778062.14       13.79819  (12031616)
        405934.83   3778062.14       12.59090  (12120116)                405984.83
3778062.14       11.92499  (12120116)
        404034.83   3778112.14        7.18635  (12022717)                404084.83
3778112.14        7.79644  (12022717)
        404134.83   3778112.14        8.44220  (12022717)                404184.83
3778112.14        9.11732  (12022717)
        404234.83   3778112.14        9.80678  (12022717)                404284.83
3778112.14       10.49596  (12022717)
        404334.83   3778112.14       11.15940  (12022717)                404384.83
3778112.14       11.75088  (12022717)
        404434.83   3778112.14       12.20922  (12022717)                404484.83
3778112.14       12.45308  (12022717)
        404534.83   3778112.14       12.39386  (12022717)                404584.83
3778112.14       12.02482  (16093007)
        404634.83   3778112.14       14.09484  (16093007)                404684.83
3778112.14       16.67402  (16093007)
        404734.83   3778112.14       21.63914  (12021216)                404784.83
3778112.14       38.87719  (12111715)
        404834.83   3778112.14       67.12504  (12111715)                404884.83
3778112.14       86.87283  (12111715)
        404934.83   3778112.14       92.35300  (12021515)                404984.83
3778112.14       62.72742  (12021515)
        405034.83   3778112.14       81.73961  (12042618)                405084.83
3778112.14       89.06590  (12042618)
        405134.83   3778112.14       79.37462  (12120216)                405184.83
3778112.14       51.65211  (12120216)
        405234.83   3778112.14       40.98818  (14120116)                405284.83
3778112.14       32.24410  (14120116)
        405334.83   3778112.14       37.02610  (12031616)                405384.83
3778112.14       39.01041  (12031616)
        405434.83   3778112.14       38.50709  (12031616)                405484.83
3778112.14       36.30869  (12031616)
        405534.83   3778112.14       33.15971  (12031616)                405584.83
3778112.14       29.91070  (12031616)
        405634.83   3778112.14       25.88293  (12031616)                405684.83
3778112.14       22.38789  (12031616)
        405734.83   3778112.14       19.17732  (12031616)                405784.83
3778112.14       17.33656  (12120116)
        405834.83   3778112.14       16.15753  (12120116)                405884.83
3778112.14       15.00033  (12120116)
        405934.83   3778112.14       13.88742  (12120116)                405984.83
3778112.14       12.83524  (12120116)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
404034.83	3778162.14	6.99105	(12022717)	404084.83	3778162.14	7.73557	(12022717)
404134.83	3778162.14	8.57047	(12022717)	404184.83	3778162.14	9.49908	(12022717)
404234.83	3778162.14	10.52919	(12022717)	404284.83	3778162.14	11.66069	(12022717)
404334.83	3778162.14	12.89502	(12022717)	404034.83	3778212.14	6.23630	(12022717)
404084.83	3778212.14	7.00482	(12022717)	404134.83	3778212.14	7.89664	(12022717)
404184.83	3778212.14	8.93098	(12022717)	404234.83	3778212.14	10.12646	(12022717)
404284.83	3778212.14	11.51397	(12022717)	404334.83	3778212.14	13.13221	(12022717)
404384.83	3778212.14	15.02103	(12022717)	404434.83	3778212.14	17.21155	(12022717)
404484.83	3778212.14	19.75991	(12022717)	404534.83	3778212.14	22.68414	(12022717)
404034.83	3778262.14	5.12658	(12120215)	404084.83	3778262.14	5.77367	(12022717)
404134.83	3778262.14	6.58083	(12022717)	404184.83	3778262.14	7.53580	(12022717)
404234.83	3778262.14	8.67199	(12022717)	404284.83	3778262.14	10.04116	(12022717)

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        404334.83   3778262.14       11.69714  (12022717)               404384.83
3778262.14       13.71480  (12022717)
        404434.83   3778262.14       16.20360  (12022717)               404484.83
3778262.14       19.30089  (12022717)
        404534.83   3778262.14       23.20028  (12022717)               404584.83
3778262.14       28.16149  (12022717)
        404034.83   3778312.14        6.63337  (12120215)               404084.83
3778312.14        7.38037  (12120215)
        404134.83   3778312.14        8.24693  (12120215)               404184.83
3778312.14        9.26543  (12120215)
        404234.83   3778312.14       10.47082  (12120215)               404284.83
3778312.14       11.91117  (12120215)
        404334.83   3778312.14       13.65272  (12120215)               404384.83
3778312.14       15.77952  (12120215)
        404434.83   3778312.14       18.42518  (12120215)               404484.83
3778312.14       21.76938  (12120215)
        404534.83   3778312.14       26.06981  (12120215)               404584.83
3778312.14       31.74388  (12120215)
        404634.83   3778312.14       39.44032  (12120215)               404034.83
3778362.14        7.94582  (12033117)
        404084.83   3778362.14        8.98907  (12033117)               404134.83
3778362.14       10.21980  (12033117)
        404184.83   3778362.14       11.68313  (12033117)               404234.83
3778362.14       13.43720  (12033117)
        404284.83   3778362.14       15.55747  (12033117)               404334.83
3778362.14       18.16426  (12033117)
        404384.83   3778362.14       21.39262  (12033117)               404434.83
3778362.14       25.46398  (12033117)
        404484.83   3778362.14       30.68866  (12033117)               404534.83
3778362.14       37.52232  (12033117)
        404584.83   3778362.14       46.68890  (12033117)               404634.83
3778362.14       59.37254  (12033117)
        404684.83   3778362.14       77.62884  (12033117)               404034.83
3778412.14       10.65126  (12033117)
        404084.83   3778412.14       12.02041  (12033117)               404134.83
3778412.14       13.62544  (12033117)
        404184.83   3778412.14       15.51903  (12033117)               404234.83
3778412.14       17.76867  (12033117)
        404284.83   3778412.14       20.46609  (12033117)               404334.83
3778412.14       23.72487  (12033117)
        404384.83   3778412.14       27.71036  (12033117)               404434.83
3778412.14       32.63894  (12033117)
        404484.83   3778412.14       38.80742  (12033117)               404534.83
3778412.14       46.64026  (12033117)
        404584.83   3778412.14       56.74479  (12033117)               404634.83
3778412.14       70.05036  (12033117)
        404684.83   3778412.14       88.11562  (12033117)               404034.83
3778462.14       12.82510  (12033117)
        404084.83   3778462.14       14.34124  (12033117)               404134.83
3778462.14       16.08551  (12033117)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
404484.83	3778462.14	39.57273	(12033117)	404534.83	3778462.14	45.66100	(12033117)
404584.83	3778462.14	52.66960	(12033117)	404634.83	3778462.14	60.81218	(12033117)
404684.83	3778462.14	69.57411	(12033117)	405984.83	3778462.14	9.20344	(12043018)
404034.83	3778512.14	13.91267	(12033117)	404084.83	3778512.14	15.31760	(12033117)
404134.83	3778512.14	16.88050	(12033117)	404184.83	3778512.14	18.61701	(12033117)
404234.83	3778512.14	20.53825	(12033117)	404284.83	3778512.14	22.65453	(12033117)
404334.83	3778512.14	24.96573	(12033117)	404384.83	3778512.14	27.47483	(12033117)
404434.83	3778512.14	30.17400	(12033117)	404484.83			

3778512.14 32.89669 (12033117)
404534.83 3778512.14 35.51750 (12033117) 404584.83
3778512.14 37.66444 (12033117)
404634.83 3778512.14 38.93136 (12033117) 404684.83
3778512.14 38.54990 (12033117)
405884.83 3778512.14 14.33932 (12043018) 405934.83
3778512.14 12.51969 (12043018)
405984.83 3778512.14 11.12326 (12043018) 404034.83
3778562.14 13.64132 (12033117)
404084.83 3778562.14 14.69996 (12033117) 404134.83
3778562.14 15.89703 (12033117)
404184.83 3778562.14 16.96582 (12033117) 404234.83
3778562.14 18.15750 (12033117)
404284.83 3778562.14 19.31599 (12033117) 404334.83
3778562.14 20.42409 (12033117)
404384.83 3778562.14 21.37799 (12033117) 404434.83
3778562.14 22.09384 (12033117)
404484.83 3778562.14 22.36142 (12033117) 404534.83
3778562.14 22.02408 (12033117)
404584.83 3778562.14 20.88826 (12033117) 404634.83
3778562.14 20.50939 (12020617)
404684.83 3778562.14 23.67954 (12020617) 405784.83
3778562.14 19.56185 (12043018)
405834.83 3778562.14 16.78704 (12043018) 405884.83
3778562.14 15.10818 (12043018)
405934.83 3778562.14 13.65207 (12043018) 405984.83
3778562.14 12.33269 (12043018)
404034.83 3778612.14 12.13294 (12033117) 404084.83
3778612.14 12.73537 (12033117)
404134.83 3778612.14 13.30672 (12033117) 404184.83
3778612.14 13.77869 (12033117)
404234.83 3778612.14 14.15748 (12033117) 404284.83
3778612.14 14.38707 (12033117)
404334.83 3778612.14 14.40346 (12033117) 404384.83
3778612.14 14.13854 (12033117)
404434.83 3778612.14 13.47490 (12033117) 404484.83
3778612.14 12.43300 (12033117)
404534.83 3778612.14 13.77580 (12020617) 404584.83
3778612.14 15.63956 (12020617)
404634.83 3778612.14 17.74162 (12111616) 404684.83
3778612.14 21.02164 (12111616)
405734.83 3778612.14 19.79667 (12121716) 405784.83
3778612.14 17.04903 (12043018)
405834.83 3778612.14 15.90133 (12043018) 405884.83
3778612.14 14.74614 (12043018)
405934.83 3778612.14 13.64572 (12043018) 405984.83
3778612.14 12.58942 (12043018)
404034.83 3778662.14 9.82484 (12033117) 404084.83
3778662.14 9.97688 (12033117)
404134.83 3778662.14 10.02927 (12033117) 404184.83

3778662.14   9.95268 (12033117)
        404234.83   3778662.14   9.74343 (12033117)   404284.83
3778662.14   9.36012 (12033117)
        404334.83   3778662.14   8.76207 (12033117)   404384.83
3778662.14   8.53596 (12020617)
        404434.83   3778662.14   9.90416 (12020617)   404484.83
3778662.14   11.14942 (12020617)
        404534.83   3778662.14   12.18858 (12020617)   404584.83
3778662.14   13.83868 (12111616)
        404634.83   3778662.14   15.72178 (12111616)   404684.83
3778662.14   16.68694 (12111616)
        405634.83   3778662.14   23.98591 (12121716)   405684.83
3778662.14   21.53573 (12121716)
        405734.83   3778662.14   19.53645 (12121716)   405784.83
3778662.14   17.52269 (12121716)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
        405834.83   3778662.14   15.62840 (12121716)   405884.83
3778662.14   13.77736 (12121716)
        405934.83   3778662.14   12.56078 (12043018)   405984.83
3778662.14   11.87655 (12043018)
        404034.83   3778712.14   7.21683 (12033117)   404084.83
3778712.14   7.04370 (12033117)

```
        404134.83   3778712.14        6.75467  (12033117)               404184.83
3778712.14        6.40168  (12033117)
        404234.83   3778712.14        5.88769  (12033117)               404284.83
3778712.14        6.51841  (12020617)
        404334.83   3778712.14        7.44715  (12020617)               404384.83
3778712.14        8.32112  (12020617)
        404434.83   3778712.14        9.09956  (12020617)               404484.83
3778712.14        9.58302  (12111616)
        404534.83   3778712.14       11.04843  (12111616)               404584.83
3778712.14       12.16507  (12111616)
        404634.83   3778712.14       12.64049  (12111616)               404684.83
3778712.14       12.45853  (15011115)
        405534.83   3778712.14       27.37305  (12071919)               405584.83
3778712.14       23.17552  (12071919)
        405634.83   3778712.14       19.44292  (12071919)               405684.83
3778712.14       18.81311  (12121716)
        405734.83   3778712.14       18.04242  (12121716)               405784.83
3778712.14       16.88229  (12121716)
        405834.83   3778712.14       15.65049  (12121716)               405884.83
3778712.14       14.26062  (12121716)
        405934.83   3778712.14       12.90345  (12121716)               405984.83
3778712.14       11.60292  (12121716)
        404034.83   3778762.14        4.71616  (12033117)               404084.83
3778762.14        4.43496  (12033117)
        404134.83   3778762.14        4.53529  (12020617)               404184.83
3778762.14        5.16771  (12020617)
        404234.83   3778762.14        5.82698  (12020617)               404284.83
3778762.14        6.45620  (12020617)
        404334.83   3778762.14        7.01530  (12020617)               404384.83
3778762.14        7.42168  (12020617)
        404434.83   3778762.14        8.00197  (12111616)               404484.83
3778762.14        8.98780  (12111616)
        404534.83   3778762.14        9.81017  (12112901)               404584.83
3778762.14       11.98208  (14121123)
        404634.83   3778762.14       10.48792  (12122017)               404684.83
3778762.14       12.86043  (15022217)
        405484.83   3778762.14       25.62378  (12071919)               405534.83
3778762.14       24.51782  (12071919)
        405584.83   3778762.14       22.56287  (12071919)               405634.83
3778762.14       20.07640  (12071919)
        405684.83   3778762.14       17.38392  (12071919)               405734.83
3778762.14       14.98800  (12121716)
        405784.83   3778762.14       14.81048  (12121716)               405834.83
3778762.14       14.31686  (12121716)
        405884.83   3778762.14       13.58242  (12121716)               405934.83
3778762.14       12.75182  (12121716)
        405984.83   3778762.14       11.79702  (12121716)               404034.83
3778812.14        4.93081  (15100404)
        404084.83   3778812.14        4.19897  (12020617)               404134.83
3778812.14        4.68205  (12020617)
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        404184.83   3778812.14        5.15274  (12020617)               404234.83
3778812.14        5.59534  (12020617)
        404284.83   3778812.14        5.92970  (12020617)               404334.83
3778812.14        6.22500  (16102307)
        404384.83   3778812.14        7.77615  (12112901)               404434.83
3778812.14        9.64757  (12112901)
        404484.83   3778812.14       11.33681  (12112901)               404534.83
3778812.14       13.29761  (16042801)
        404584.83   3778812.14       14.42836  (12122017)               404634.83
3778812.14       16.67346  (12042522)
        404684.83   3778812.14       22.20168  (12041022)               404734.83
3778812.14       22.10672  (12090205)
        404784.83   3778812.14       23.04030  (15022217)               404834.83
3778812.14       24.62155  (15022217)
        404884.83   3778812.14       25.33894  (13050621)               404934.83
3778812.14       26.74905  (16122320)
        404984.83   3778812.14       27.75732  (15100322)               405034.83
3778812.14       26.77685  (14103121)
        405084.83   3778812.14       27.31368  (12082705)               405134.83
3778812.14       26.00259  (13050419)
        405184.83   3778812.14       24.49192  (15100321)               405234.83
3778812.14       29.68169  (14051719)
        405284.83   3778812.14       29.01614  (13090219)               405384.83
3778812.14       15.40337  (12103017)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:36:39

                                 PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
- -

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        405434.83   3778812.14       17.91728  (12071919)                405484.83
3778812.14       19.93743  (12071919)
        405534.83   3778812.14       20.74791  (12071919)                405584.83
3778812.14       20.39037  (12071919)
        405634.83   3778812.14       19.19145  (12071919)                405684.83
3778812.14       17.46370  (12071919)
        405734.83   3778812.14       15.53228  (12071919)                405784.83
3778812.14       13.53062  (12071919)
        405834.83   3778812.14       12.11360  (12121716)                405884.83
3778812.14       12.00830  (12121716)
        405934.83   3778812.14       11.67546  (12121716)                405984.83
3778812.14       11.19288  (12121716)
        404034.83   3778862.14        7.82893  (15100404)                404084.83
3778862.14        5.87214  (15100404)
        404134.83   3778862.14        5.31706  (16102307)                404184.83
3778862.14        5.54257  (16102307)
        404234.83   3778862.14        7.93469  (16102307)                404284.83
3778862.14        8.60375  (16102307)
        404334.83   3778862.14        9.46639  (12112901)                404384.83
3778862.14       11.16130  (12112901)
        404434.83   3778862.14       13.20813  (12112901)                404484.83
3778862.14       14.43265  (16042801)
        404534.83   3778862.14       15.99641  (14121123)                404584.83
3778862.14       18.65903  (12122017)
        404634.83   3778862.14       19.80354  (12042522)                404684.83
3778862.14       20.11359  (12090205)
        404734.83   3778862.14       21.35511  (12090205)                404784.83
3778862.14       22.10178  (16042722)
        404834.83   3778862.14       22.88052  (16122317)                404884.83
3778862.14       24.05612  (13050621)
        404934.83   3778862.14       24.66410  (13050620)                404984.83
3778862.14       25.61455  (15100322)
        405034.83   3778862.14       26.12329  (14103121)                405084.83
3778862.14       25.02111  (15100405)
        405134.83   3778862.14       27.94226  (13092518)                405184.83
3778862.14       23.12867  (15100321)
        405234.83   3778862.14       28.84442  (12050922)                405284.83
3778862.14       25.31109  (14051719)
        405334.83   3778862.14       18.56855  (15091119)                405384.83
3778862.14       13.94083  (15091119)
        405434.83   3778862.14       12.13599  (12071919)                405484.83
3778862.14       14.64852  (12071919)
        405534.83   3778862.14       16.37211  (12071919)                405584.83
3778862.14       17.18414  (12071919)
        405634.83   3778862.14       17.16170  (12071919)                405684.83
3778862.14       16.46469  (12071919)
        405734.83   3778862.14       15.27672  (12071919)                405784.83
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3778862.14   13.88520 (12071919)
        405834.83   3778862.14   12.32409 (12071919)   405884.83
3778862.14   10.79163 (12071919)
        405934.83   3778862.14   9.98989 (12121716)   405984.83
3778862.14   9.88808 (12121716)
        404034.83   3778912.14   11.60011 (15100404)   404084.83
3778912.14   8.20690 (16102307)
        404134.83   3778912.14   7.31835 (16102307)   404184.83
3778912.14   7.51010 (16102307)
        404234.83   3778912.14   9.68976 (13041605)   404284.83
3778912.14   10.59302 (12112901)
        404334.83   3778912.14   11.67638 (12112901)   404384.83
3778912.14   12.66294 (12112901)
        404434.83   3778912.14   13.45472 (16042801)   404484.83
3778912.14   14.89461 (14121123)
        404534.83   3778912.14   17.98918 (12122017)   404584.83
3778912.14   17.64069 (12042522)
        404634.83   3778912.14   18.28765 (12041022)   404684.83
3778912.14   19.51418 (12090205)
        404734.83   3778912.14   20.50530 (16042722)   404784.83
3778912.14   20.97758 (16042722)
        404834.83   3778912.14   21.54308 (16122317)   404884.83
3778912.14   22.53058 (13050621)
        404934.83   3778912.14   23.37636 (13050620)   404984.83
3778912.14   23.84306 (15100322)
        405034.83   3778912.14   25.09297 (14103121)   405084.83
3778912.14   29.20458 (16092220)
        405134.83   3778912.14   28.73977 (15070724)   405184.83
3778912.14   21.18174 (15100321)
        405234.83   3778912.14   20.64489 (15100321)   405284.83
3778912.14   19.67282 (14051719)
        405334.83   3778912.14   17.96040 (14051719)   405384.83
3778912.14   15.35503 (15091119)

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405434.83	3778912.14	14.92846	(15091119)	405484.83	3778912.14	12.69929	(12103017)
405534.83	3778912.14	12.18789	(12071919)	405584.83	3778912.14	13.65314	(12071919)
405634.83	3778912.14	14.44960	(12071919)	405684.83	3778912.14	14.60167	(12071919)
405734.83	3778912.14	14.26445	(12071919)	405784.83	3778912.14	13.47678	(12071919)
405834.83	3778912.14	12.42805	(12071919)	405884.83	3778912.14	11.20721	(12071919)
405934.83	3778912.14	9.97472	(12071919)	405984.83	3778912.14	8.73416	(12071919)
404034.83	3778962.14	12.03788	(12083123)	404084.83	3778962.14	11.25259	(13030105)
404134.83	3778962.14	8.93477	(16102307)	404184.83	3778962.14	9.06551	(13041605)
404234.83	3778962.14	6.46060	(12112901)	404284.83	3778962.14	11.54729	(12112901)
404334.83	3778962.14	12.32995	(12112901)	404384.83	3778962.14	13.05695	(16042801)
404434.83	3778962.14	13.98728	(14121123)	404484.83	3778962.14	15.64640	(12122017)
404534.83	3778962.14	16.66597	(12042522)	404584.83	3778962.14	16.90453	(12041022)
404634.83	3778962.14	17.74994	(12090205)	404684.83	3778962.14	18.56258	(12090205)
404734.83	3778962.14	19.76301	(16042722)	404784.83	3778962.14	20.32088	(16042722)
404834.83	3778962.14	20.82494	(16122317)	404884.83	3778962.14	21.28145	(13100906)
404934.83	3778962.14	22.14628	(15100322)	404984.83	3778962.14	25.84297	(13051722)
405034.83	3778962.14	26.63719	(16013106)	405084.83	3778962.14	26.93609	(16092220)
405134.83	3778962.14	23.72958	(13092518)	405184.83	3778962.14	20.08696	(13050419)
405234.83	3778962.14	19.42091	(15100321)	405284.83	3778962.14	18.08620	(14051719)

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        405334.83   3778962.14       16.83736  (14051719)                405384.83
3778962.14       14.70662  (14051819)
        405434.83   3778962.14       14.79341  (15091119)                405484.83
3778962.14       13.91256  (15091119)
        405534.83   3778962.14       12.49051  (12103017)                405584.83
3778962.14       10.75483  (15070319)
        405634.83   3778962.14       11.53014  (12071919)                405684.83
3778962.14       12.28980  (12071919)
        405734.83   3778962.14       12.54204  (12071919)                405784.83
3778962.14       12.36404  (12071919)
        405834.83   3778962.14       11.85724  (12071919)                405884.83
3778962.14       11.06091  (12071919)
        405934.83   3778962.14       10.16287  (12071919)                405984.83
3778962.14        9.14551  (12071919)
        404034.83   3779012.14       11.93048  (13082606)                404084.83
3779012.14       12.01588  (13082606)
        404134.83   3779012.14       10.95858  (13082606)                404184.83
3779012.14        9.75181  (12112901)
        404234.83   3779012.14       10.19567  (12112901)                404284.83
3779012.14       11.51838  (12112901)
        404334.83   3779012.14       12.43490  (16042801)                404384.83
3779012.14       13.67168  (14121123)
        404434.83   3779012.14       15.35868  (12122017)                404484.83
3779012.14       15.21403  (12042522)
        404534.83   3779012.14       15.40765  (12042522)                404584.83
3779012.14       16.05707  (12041701)
        404634.83   3779012.14       17.26898  (12090205)                404684.83
3779012.14       18.11023  (16042722)
        404734.83   3779012.14       18.90921  (16042722)                404784.83
3779012.14       21.08369  (13100823)
        404834.83   3779012.14       21.71845  (13050621)                404884.83
3779012.14       20.34650  (13100906)
        404934.83   3779012.14       24.93381  (13052820)                404984.83
3779012.14       25.14830  (13051722)
        405034.83   3779012.14       24.25300  (16013106)                405084.83
3779012.14       23.43511  (13102724)
        405134.83   3779012.14       20.03722  (12082705)                405184.83
3779012.14       18.87451  (13050419)
        405234.83   3779012.14       18.58174  (15100321)                405284.83
3779012.14       17.28796  (16013021)
        405334.83   3779012.14       16.87991  (14051719)                405384.83
3779012.14       15.00496  (14051719)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405434.83	3779012.14	14.60487	(15091119)	405484.83	3779012.14	13.86943	(15091119)
405534.83	3779012.14	12.58160	(15091119)	405584.83	3779012.14	11.34038	(15070319)
405634.83	3779012.14	10.57421	(15070319)	405684.83	3779012.14	9.84155	(12071919)
405734.83	3779012.14	10.52942	(12071919)	405784.83	3779012.14	10.85795	(12071919)
405834.83	3779012.14	10.82106	(12071919)	405884.83	3779012.14	10.46376	(12071919)
405934.83	3779012.14	9.90411	(12071919)	405984.83	3779012.14	9.17070	(12071919)
404034.83	3779062.14	12.08190	(13082606)	404084.83	3779062.14	11.74850	(13082606)
404134.83	3779062.14	10.61979	(12112901)	404184.83	3779062.14	10.42464	(12112901)
404234.83	3779062.14	11.48804	(12112901)	404284.83	3779062.14	12.08623	(16042801)
404334.83	3779062.14	13.89688	(15103001)	404384.83	3779062.14	13.65000	(12122017)
404434.83	3779062.14	14.23159	(16092618)	404484.83	3779062.14	15.37130	(16092618)
404534.83	3779062.14	16.14215	(12041022)	404584.83	3779062.14	17.27299	(12091402)
404634.83	3779062.14	19.04666	(12091402)	404684.83	3779062.14	20.47445	(16042302)
404734.83	3779062.14	21.28823	(14091903)	404784.83	3779062.14	21.85680	(16102306)
404834.83	3779062.14	23.10337	(12101804)	404884.83			

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3779062.14       19.61956  (16122320)
        404934.83   3779062.14       20.42481  (15100322)                404984.83
3779062.14       20.87267  (13051722)
        405034.83   3779062.14       20.66018  (14103121)                405084.83
3779062.14       19.31225  (15100405)
        405134.83   3779062.14       18.63872  (12082705)                405184.83
3779062.14       17.72009  (13092518)
        405234.83   3779062.14       17.12291  (15100321)                405284.83
3779062.14       16.36445  (15100321)
        405334.83   3779062.14       13.51688  (14051719)                405384.83
3779062.14       15.23474  (14051719)
        405434.83   3779062.14       14.12899  (14051819)                405484.83
3779062.14       13.48706  (15091119)
        405534.83   3779062.14       12.78716  (15091119)                405584.83
3779062.14       11.54587  (15091119)
        405634.83   3779062.14       10.26403  (15070319)                405684.83
3779062.14        9.23135  (15070319)
        405734.83   3779062.14        8.47531  (12071919)                405784.83
3779062.14        9.11997  (12071919)
        405834.83   3779062.14        9.44857  (12071919)                405884.83
3779062.14        9.46888  (12071919)
        405934.83   3779062.14        9.26171  (12071919)                405984.83
3779062.14        8.85598  (12071919)
        404034.83   3779112.14       11.87003  (15092022)                404084.83
3779112.14       11.23078  (13041802)
        404134.83   3779112.14       10.82646  (12112901)                404184.83
3779112.14       10.95937  (12112901)
        404234.83   3779112.14       11.36253  (16042801)                404284.83
3779112.14       11.79856  (16042801)
        404334.83   3779112.14       12.92325  (14121123)                404384.83
3779112.14       14.89175  (16092618)
        404434.83   3779112.14       16.40117  (16092618)                404484.83
3779112.14       16.76344  (15103002)
        404534.83   3779112.14       17.14595  (13050521)                404584.83
3779112.14       17.97110  (12091402)
        404634.83   3779112.14       18.16577  (12091402)                404684.83
3779112.14       18.65269  (15112817)
        404734.83   3779112.14       18.52951  (13100823)                404784.83
3779112.14       17.72263  (16122317)
        404834.83   3779112.14       17.63153  (13050621)                404884.83
3779112.14       17.63717  (16122320)
        404934.83   3779112.14       18.05062  (15100322)                404984.83
3779112.14       18.16548  (15100322)
        405034.83   3779112.14       18.44594  (14103121)                405084.83
3779112.14       17.87753  (15100405)
        405134.83   3779112.14       17.23098  (12082705)                405184.83
3779112.14       16.66760  (13092518)
        405234.83   3779112.14       15.89117  (13050419)                405284.83
3779112.14       15.45021  (15100321)
        405334.83   3779112.14       14.32594  (16052323)                405384.83
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        405434.83   3779112.14   13.85195 (14051719)   405484.83   3779112.14   13.01502 (13092519)
        405534.83   3779112.14   12.41194 (15091119)   405584.83   3779112.14   11.57417 (15091119)
        405634.83   3779112.14   10.34226 (15091119)   405684.83   3779112.14   9.37951 (15070319)
        405734.83   3779112.14   8.57809 (15070319)   405784.83   3779112.14   7.36637 (12071919)
        405834.83   3779112.14   7.93883 (12071919)   405884.83   3779112.14   8.26509 (12071919)
        405934.83   3779112.14   8.36318 (12071919)   405984.83   3779112.14   8.24195 (12071919)
        404034.83   3779162.14   13.17767 (15092022)   404084.83   3779162.14   13.27711 (15092022)
        404134.83   3779162.14   13.27494 (12090103)   404184.83   3779162.14   13.03678 (12090103)
        404234.83   3779162.14   12.53849 (15103001)   404284.83   3779162.14   11.63796 (14121123)
        404334.83   3779162.14   12.19066 (12122017)   404384.83   3779162.14   13.34175 (16092618)

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        404434.83   3779162.14       13.61388  (15103002)               404484.83
3779162.14       13.87664  (13050521)
        404534.83   3779162.14       14.69200  (12091402)               404584.83
3779162.14       15.32195  (12091402)
        404634.83   3779162.14       15.56267  (16042722)               404684.83
3779162.14       15.83258  (15112817)
        404734.83   3779162.14       16.13452  (13100823)               404784.83
3779162.14       16.28432  (16122317)
        404834.83   3779162.14       16.69985  (13050621)               404884.83
3779162.14       16.71729  (16122320)
        404934.83   3779162.14       17.15025  (15100322)               404984.83
3779162.14       17.09738  (14121122)
        405034.83   3779162.14       17.11235  (14103121)               405084.83
3779162.14       16.86679  (13052302)
        405134.83   3779162.14       16.55255  (15100405)               405184.83
3779162.14       15.68751  (13092518)
        405234.83   3779162.14       15.12233  (13050419)               405284.83
3779162.14       14.89437  (15100321)
        405334.83   3779162.14       13.79822  (16013021)               405384.83
3779162.14       13.80821  (14051719)
        405434.83   3779162.14       13.55271  (14051719)               405484.83
3779162.14       12.66381  (14051819)
        405534.83   3779162.14       11.82575  (13092519)               405584.83
3779162.14       11.37662  (15091119)
        405634.83   3779162.14       10.38723  (15091119)               405684.83
3779162.14        9.30579  (12103017)
        405734.83   3779162.14        8.44631  (15070319)               405784.83
3779162.14        7.58174  (15070319)
        405834.83   3779162.14        6.44785  (12071919)               405884.83
3779162.14        6.96321  (12071919)
        405934.83   3779162.14        7.28309  (12071919)               405984.83
3779162.14        7.41755  (12071919)
        404034.83   3779212.14       11.95056  (15092022)               404084.83
3779212.14       11.80482  (12090103)
        404134.83   3779212.14       11.94051  (12090103)               404184.83
3779212.14       12.19523  (15103001)
        404234.83   3779212.14       12.28743  (15101904)               404284.83
3779212.14       11.38874  (12122017)
        404334.83   3779212.14       11.28230  (16092618)               404384.83
3779212.14       12.60245  (16092618)
        404434.83   3779212.14       13.24899  (15103002)               404484.83
3779212.14       13.86049  (13050521)
        404534.83   3779212.14       14.74424  (12091402)               404584.83
3779212.14       14.79360  (12091402)
        404634.83   3779212.14       15.13180  (15112817)               404684.83
3779212.14       15.63292  (16032124)
        404734.83   3779212.14       15.88475  (13100823)               404784.83
3779212.14       15.72116  (16042504)
        404834.83   3779212.14       15.89563  (13100906)               404884.83
3779212.14       15.98117  (12110604)
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        404934.83   3779212.14       16.20720  (15100322)                405984.83
3779212.14       16.07277  (14121122)
        405034.83   3779212.14       16.09211  (14103121)                405084.83
3779212.14       15.82729  (13052302)
        405134.83   3779212.14       15.45519  (15100405)                405184.83
3779212.14       14.82655  (12082705)
        405234.83   3779212.14       14.42053  (13050419)                405284.83
3779212.14       12.52767  (15100321)
        405334.83   3779212.14       13.87344  (15100321)                405384.83
3779212.14       13.36114  (16052323)
↑ *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:36:39

                                  PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        405434.83   3779212.14       13.03358  (14051719)                405484.83
3779212.14       12.38010  (14051719)
        405534.83   3779212.14       11.43182  (14051819)                405584.83
3779212.14       10.65808  (15091119)
        405634.83   3779212.14       10.07804  (15091119)                405684.83
3779212.14        9.40208  (15091119)
        405734.83   3779212.14        8.39864  (12103017)                405784.83
3779212.14        7.58240  (15070319)
        405834.83   3779212.14        6.47617  (15070319)                405884.83
3779212.14        5.68433  (12071919)
        405934.83   3779212.14        6.14728  (12071919)                405984.83
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3779212.14        6.45749  (12071919)
        404034.83   3779262.14       12.11833  (12090103)                404084.83
3779262.14       12.17337  (12090103)
        404134.83   3779262.14       12.38752  (13051302)                404184.83
3779262.14       12.60349  (13051302)
        404234.83   3779262.14       11.99813  (12101923)                404284.83
3779262.14       11.78975  (16092618)
        404334.83   3779262.14       11.81970  (16092618)                404384.83
3779262.14       12.36941  (15103002)
        404434.83   3779262.14       12.91578  (13050521)                404484.83
3779262.14       13.64404  (12091402)
        404534.83   3779262.14       14.18035  (12091402)                404584.83
3779262.14       14.34731  (16042302)
        404634.83   3779262.14       14.64673  (15112817)                404684.83
3779262.14       14.91769  (13100823)
        404734.83   3779262.14       15.00658  (12120106)                404784.83
3779262.14       15.09835  (16042504)
        404834.83   3779262.14       15.40374  (12110324)                404884.83
3779262.14       15.37197  (12110604)
        404934.83   3779262.14       15.64656  (13052820)                404984.83
3779262.14       15.57902  (13051722)
        405034.83   3779262.14       15.43011  (14103121)                405084.83
3779262.14       15.20987  (13030301)
        405134.83   3779262.14       14.96166  (15100405)                405184.83
3779262.14       14.25961  (12082705)
        405234.83   3779262.14       13.80629  (13092518)                405284.83
3779262.14       13.24685  (13050419)
        405334.83   3779262.14       13.39934  (15100321)                405384.83
3779262.14       12.76357  (16013021)
        405434.83   3779262.14       12.33491  (14051719)                405484.83
3779262.14       11.93257  (14051719)
        405534.83   3779262.14       11.09586  (14051819)                405584.83
3779262.14       10.33288  (13092519)
        405634.83   3779262.14        9.79565  (15091119)                405684.83
3779262.14        9.17891  (15091119)
        405734.83   3779262.14        8.55018  (15091119)                405784.83
3779262.14        7.74015  (12103017)
        405834.83   3779262.14        6.95089  (15070319)                405884.83
3779262.14        5.37107  (15070319)
        405934.83   3779262.14        5.04224  (12071919)                405984.83
3779262.14        5.46743  (12071919)
        404034.83   3779312.14       12.17660  (12090103)                404084.83
3779312.14       12.45759  (13051302)
        404134.83   3779312.14       12.69362  (13051302)                404184.83
3779312.14       12.23768  (13051302)
        404234.83   3779312.14       12.18490  (12101403)                404284.83
3779312.14       12.29532  (16092618)
        404334.83   3779312.14       11.85639  (15103002)                404384.83
3779312.14       11.61796  (13050521)
        404434.83   3779312.14       12.76193  (12091402)                404484.83
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3779312.14   13.52470 (12091402)
        404534.83   3779312.14   13.67189 (12091402)   404584.83
3779312.14   13.98937 (15112817)
        404634.83   3779312.14   14.24110 (16032124)   404684.83
3779312.14   14.59364 (13100823)
        404734.83   3779312.14   14.60306 (12120106)   404784.83
3779312.14   14.74991 (13102723)
        404834.83   3779312.14   14.87267 (12110324)   404884.83
3779312.14   14.76408 (12110604)
        404934.83   3779312.14   15.20761 (13052820)   404984.83
3779312.14   15.21402 (13051722)
        405034.83   3779312.14   14.72610 (14103121)   405084.83
3779312.14   14.41598 (13030301)
        405134.83   3779312.14   14.21726 (16092220)   405184.83
3779312.14   13.67702 (16092220)
        405234.83   3779312.14   13.46411 (13092518)   405284.83
3779312.14   12.71776 (13050419)
        405334.83   3779312.14   12.94929 (15100321)   405384.83
3779312.14   12.36930 (15100321)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        405434.83   3779312.14   11.97965 (16052323)   405484.83
3779312.14   11.55487 (14051719)

```
        405534.83   3779312.14       10.89365  (14051719)                405584.83
3779312.14       10.13326  (14051819)
        405634.83   3779312.14        9.63146  (13092519)                405684.83
3779312.14        9.34532  (15091119)
        405734.83   3779312.14        8.69514  (15091119)                405784.83
3779312.14        7.75573  (15091119)
        405834.83   3779312.14        6.88185  (12103017)                405884.83
3779312.14        6.23531  (15070319)
        405934.83   3779312.14        4.99607  (15070319)                405984.83
3779312.14        4.49516  (12071919)
        404970.79   3778738.95       34.06863  (16123116)                405010.60
3778742.41       36.25610  (16123116)
        405046.95   3778740.68       32.46632  (15100405)                405085.03
3778742.41       29.29925  (13092518)
        405131.77   3778740.68       28.89197  (15100321)                405211.39
3778744.14       23.37466  (16020617)
        405252.94   3778742.41       22.07751  (15102517)                405299.67
3778744.14       20.74637  (15102517)
        405346.41   3778745.87       22.29809  (12071919)

 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** THE SUMMARY OF MAXIMUM PERIOD ( 43848
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


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

ALL       1ST HIGHEST VALUE IS      15.82228 AT (  404984.83,  3778112.14,   146.70,
  146.70,    0.00)  DC
          2ND HIGHEST VALUE IS      15.42578 AT (  405034.83,  3778112.14,   146.69,
  146.69,    0.00)  DC
          3RD HIGHEST VALUE IS      14.97882 AT (  404934.83,  3778112.14,   146.71,
  146.71,    0.00)  DC
          4TH HIGHEST VALUE IS      13.98552 AT (  405084.83,  3778112.14,   146.79,
  146.79,    0.00)  DC
```

```
         5TH HIGHEST VALUE IS      13.24581 AT (  404884.83,  3778112.14,   146.34,
  146.34,    0.00)  DC
         6TH HIGHEST VALUE IS      12.04761 AT (  405134.83,  3778112.14,   146.69,
  146.69,    0.00)  DC
         7TH HIGHEST VALUE IS      11.24698 AT (  404834.83,  3778112.14,   146.22,
  146.22,    0.00)  DC
         8TH HIGHEST VALUE IS      11.21767 AT (  404984.83,  3778062.14,   145.96,
  145.96,    0.00)  DC
         9TH HIGHEST VALUE IS      11.02182 AT (  405034.83,  3778062.14,   146.06,
  146.06,    0.00)  DC
        10TH HIGHEST VALUE IS      10.81997 AT (  404934.83,  3778062.14,   145.91,
  145.91,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

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

ALL      HIGH   1ST HIGH VALUE IS      92.35300  ON 12021515: AT (  404934.83,
3778112.14,   146.71,   146.71,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of   0 Fatal Error Message(s)
A Total of   3 Warning Message(s)
A Total of   1684 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   75 Calm Hours Identified

A Total of   1609 Missing Hours Identified (3.67 Percent)

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

   ********   WARNING MESSAGES   ********
ME W186   207   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187   207   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

OU W540   220   OUTQA: No RECTABLE/MAXTABLE/DAYTABLE for Average Period
  024-HR

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

AERMOD Sum File

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  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 URBAN Dispersion Algorithm for the SBL for    59 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT 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.
         6. Urban Roughness Length of 1.0 Meter Assumed.

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

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates PERIOD Averages

 **This Run Includes:     59 Source(s);       1 Source Group(s); and    1301 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     59 VOLUME source(s)
```

```
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
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) =   182.00 ;  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 =      3.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   AlexanArcadia1.err

 **File for Summary of Results:   AlexanArcadia1.sum

 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  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 1 1  1 1 1 1 1 1
```

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,

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

Surface file: AZUS_V9_ADJU\AZUS_v9.SFC
Met Version: 16216
Profile file: AZUS_V9_ADJU\AZUS_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

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
12	01	01	1	01	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	20.	9.1	293.1	5.5
12	01	01	1	02	-32.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.36	1.68	1.00	2.70	99.	9.1	293.1	5.5
12	01	01	1	03	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	14.	9.1	292.0	5.5
12	01	01	1	04	-32.6	0.342	-9.000	-9.000	-999.	480.	128.9	0.36	1.68	1.00	2.70	10.	9.1	292.5	5.5
12	01	01	1	05	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	12.	9.1	292.5	5.5
12	01	01	1	06	-21.6	0.224	-9.000	-9.000	-999.	256.	55.2	0.36	1.68	1.00	1.80	118.	9.1	289.2	5.5
12	01	01	1	07	-26.6	0.277	-9.000	-9.000	-999.	349.	84.1	0.36	1.68	1.00	2.20	64.	9.1	290.9	5.5
12	01	01	1	08	-1.3	0.062	-9.000	-9.000	-999.	124.	16.5	0.36	1.68	0.55	0.40	36.	9.1	290.9	5.5
12	01	01	1	09	38.1	0.160	0.348	0.008	39.	153.	-9.5	0.36	1.68	0.32	0.90	124.	9.1	293.8	5.5
12	01	01	1	10	99.5	0.179	0.693	0.007	119.	181.	-5.1	0.36	1.68	0.25	0.90	21.	9.1	298.1	5.5
12	01	01	1	11	142.6	0.494	1.086	0.005	321.	832.	-75.2	0.36	1.68	0.22	3.60	141.	9.1	299.9	5.5
12	01	01	1	12	162.8	0.442	1.385	0.005	582.	709.	-47.3	0.36	1.68	0.21	3.10	122.	9.1	299.9	5.5
12	01	01	1	13	164.4	0.298	1.634	0.005	946.	405.	-14.3	0.36	1.68	0.21	1.80	114.	9.1	300.9	5.5
12	01	01	1	14	142.7	0.293	1.718	0.005	1265.	382.	-15.8	0.36	1.68	0.22	1.80	93.	9.1	302.5	5.5
12	01	01	1	15	96.7	0.283	1.575	0.005	1438.	361.	-20.7	0.36	1.68	0.26	1.80	110.	9.1	303.8	5.5
12	01	01	1	16	41.5	0.207	1.201	0.005	1485.	228.	-18.9	0.36	1.68	0.35	1.30	113.	9.1	304.2	5.5
12	01	01	1	17	-37.8	0.464	-9.000	-9.000	-999.	757.	236.3	0.36	1.68	0.62	3.60	251.	9.1	300.9	5.5
12	01	01	1	18	-26.1	0.277	-9.000	-9.000	-999.	379.	84.2	0.36	1.68	1.00	2.20	8.	9.1	296.4	5.5
12	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.36	1.68	1.00	999.00	999.	-9.0	295.9	5.5
12	01	01	1	20	-5.7	0.107	-9.000	-9.000	-999.	84.	19.3	0.36	1.68	1.00	0.90	35.	9.1	295.4	5.5

```
 12 01 01   1 21  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80  213.    9.1  293.8    5.5
 12 01 01   1 22  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80   52.    9.1  293.8    5.5
 12 01 01   1 23  -26.3  0.277 -9.000 -9.000 -999.  349.     84.2  0.36   1.68
1.00    2.20   58.    9.1  293.8    5.5
 12 01 01   1 24  -21.4  0.224 -9.000 -9.000 -999.  256.     55.3  0.36   1.68
1.00    1.80   83.    9.1  292.5    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   293.2   99.0  -99.00  -99.00
 12 01 01 01    9.1 1   20.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                   PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43848
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


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

ALL       1ST HIGHEST VALUE IS      15.82228 AT (  404984.83,  3778112.14,   146.70,
  146.70,    0.00)  DC
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  146.69,    0.00)  DC
          3RD HIGHEST VALUE IS      14.97882 AT (  404934.83,  3778112.14,   146.71,
  146.71,    0.00)  DC
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  146.79,    0.00)  DC
          5TH HIGHEST VALUE IS      13.24581 AT (  404884.83,  3778112.14,   146.34,
  146.34,    0.00)  DC
          6TH HIGHEST VALUE IS      12.04761 AT (  405134.83,  3778112.14,   146.69,
  146.69,    0.00)  DC
```

```
         7TH HIGHEST VALUE IS      11.24698 AT (  404834.83,  3778112.14,   146.22,
  146.22,    0.00)  DC
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  145.96,    0.00)  DC
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  146.06,    0.00)  DC
        10TH HIGHEST VALUE IS      10.81997 AT (  404934.83,  3778062.14,   145.91,
  145.91,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

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

ALL      HIGH   1ST HIGH VALUE IS      92.35300  ON 12021515: AT (  404934.83,
3778112.14,   146.71,   146.71,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
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 *** AERMOD - VERSION  19191 ***   *** C:\Users\dlarocca\Desktop\Air Quality
Work\Lakes\SouthSantaA\SouthSa ***        09/16/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:36:39

                                  PAGE   6
```

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

A Total of            0 Fatal Error Message(s)
A Total of            3 Warning Message(s)
A Total of         1684 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of           75 Calm Hours Identified

A Total of         1609 Missing Hours Identified (  3.67 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186     207       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187     207       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

OU W540     220        OUTQA: No RECTABLE/MAXTABLE/DAYTABLE for Average Period
  024-HR
```

Residential Cancer
HARP2 Output File

HARP2 - HRACalc (dated 21081) 1/27/2022 3:08:14 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 2.17

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0.1700001
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\AlexanArcadiaB\ALEXANARCADIA\hra\ConstCancer26monthCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\AlexanArcadiaB\ALEXANARCADIA\hra\ConstCancer26monthCancerRiskSumByRec.csv
HRA ran successfully

Residential Cancer
HARP2 SumbyRec File

*HARP - HRACalc v21081 1/27/2022 3:08:14 PM - Cancer Risk - Input File: C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\AlexanArcadiaB\ALEXANARCADIA\hra\ConstCancer26monthHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		404034.8	3777362	4.60E-07	2.17YrCanc	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		404084.8	3777362	4.81E-07	2.17YrCanc	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		404134.8	3777362	5.02E-07	2.17YrCanc	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		404184.8	3777362	5.23E-07	2.17YrCanc	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		404234.8	3777362	5.45E-07	2.17YrCanc	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		404284.8	3777362	5.68E-07	2.17YrCanc	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		404334.8	3777362	5.91E-07	2.17YrCanc	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		404384.8	3777362	6.15E-07	2.17YrCanc	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		404434.8	3777362	6.39E-07	2.17YrCanc	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		404484.8	3777362	6.63E-07	2.17YrCanc	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		404534.8	3777362	6.85E-07	2.17YrCanc	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		404584.8	3777362	7.06E-07	2.17YrCanc	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		404634.8	3777362	7.26E-07	2.17YrCanc	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		404684.8	3777362	7.45E-07	2.17YrCanc	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		404734.8	3777362	7.62E-07	2.17YrCanc	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		404784.8	3777362	7.75E-07	2.17YrCanc	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		404834.8	3777362	7.87E-07	2.17YrCanc	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		404884.8	3777362	7.95E-07	2.17YrCanc	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		404934.8	3777362	8.00E-07	2.17YrCanc	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		404984.8	3777362	8.01E-07	2.17YrCanc	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		405034.8	3777362	7.99E-07	2.17YrCanc	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		405084.8	3777362	7.93E-07	2.17YrCanc	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		405134.8	3777362	7.84E-07	2.17YrCanc	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		405184.8	3777362	7.73E-07	2.17YrCanc	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		405234.8	3777362	7.59E-07	2.17YrCanc	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		405284.8	3777362	7.43E-07	2.17YrCanc	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		405334.8	3777362	7.25E-07	2.17YrCanc	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		405384.8	3777362	7.05E-07	2.17YrCanc	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		405434.8	3777362	6.85E-07	2.17YrCanc	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		405484.8	3777362	6.62E-07	2.17YrCanc	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		405534.8	3777362	6.40E-07	2.17YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		405584.8	3777362	6.18E-07	2.17YrCanc	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		405634.8	3777362	5.94E-07	2.17YrCanc	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		405684.8	3777362	5.72E-07	2.17YrCanc	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		405734.8	3777362	5.49E-07	2.17YrCanc	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		405784.8	3777362	5.27E-07	2.17YrCanc	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		405834.8	3777362	5.05E-07	2.17YrCanc	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		405884.8	3777362	4.85E-07	2.17YrCanc	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		405934.8	3777362	4.65E-07	2.17YrCanc	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		405984.8	3777362	4.46E-07	2.17YrCanc	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		404034.8	3777412	4.81E-07	2.17YrCanc	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		404084.8	3777412	5.04E-07	2.17YrCanc	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

43	ALL	404134.8	3777412	5.26E-07	2.17YrCanc	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL	404184.8	3777412	5.50E-07	2.17YrCanc	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	404234.8	3777412	5.75E-07	2.17YrCanc	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	404284.8	3777412	6.01E-07	2.17YrCanc	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	404334.8	3777412	6.26E-07	2.17YrCanc	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	404384.8	3777412	6.53E-07	2.17YrCanc	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	404434.8	3777412	6.81E-07	2.17YrCanc	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	404484.8	3777412	7.09E-07	2.17YrCanc	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	404534.8	3777412	7.37E-07	2.17YrCanc	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	404584.8	3777412	7.61E-07	2.17YrCanc	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	404634.8	3777412	7.85E-07	2.17YrCanc	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	404684.8	3777412	8.06E-07	2.17YrCanc	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	404734.8	3777412	8.28E-07	2.17YrCanc	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	404784.8	3777412	8.44E-07	2.17YrCanc	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	404834.8	3777412	8.56E-07	2.17YrCanc	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	404884.8	3777412	8.67E-07	2.17YrCanc	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	404934.8	3777412	8.73E-07	2.17YrCanc	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	404984.8	3777412	8.75E-07	2.17YrCanc	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	405034.8	3777412	8.71E-07	2.17YrCanc	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	405084.8	3777412	8.65E-07	2.17YrCanc	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	405134.8	3777412	8.55E-07	2.17YrCanc	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	405184.8	3777412	8.41E-07	2.17YrCanc	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	405234.8	3777412	8.24E-07	2.17YrCanc	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	405284.8	3777412	8.05E-07	2.17YrCanc	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	405334.8	3777412	7.83E-07	2.17YrCanc	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	405384.8	3777412	7.60E-07	2.17YrCanc	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	405434.8	3777412	7.36E-07	2.17YrCanc	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	405484.8	3777412	7.10E-07	2.17YrCanc	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	405534.8	3777412	6.84E-07	2.17YrCanc	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	405584.8	3777412	6.58E-07	2.17YrCanc	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	405634.8	3777412	6.31E-07	2.17YrCanc	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	405684.8	3777412	6.05E-07	2.17YrCanc	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	405734.8	3777412	5.80E-07	2.17YrCanc	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	405784.8	3777412	5.55E-07	2.17YrCanc	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	405834.8	3777412	5.31E-07	2.17YrCanc	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	405884.8	3777412	5.08E-07	2.17YrCanc	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	405934.8	3777412	4.86E-07	2.17YrCanc	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	405984.8	3777412	4.65E-07	2.17YrCanc	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	404034.8	3777462	5.02E-07	2.17YrCanc	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	404084.8	3777462	5.27E-07	2.17YrCanc	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	404134.8	3777462	5.52E-07	2.17YrCanc	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	404184.8	3777462	5.78E-07	2.17YrCanc	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	404234.8	3777462	6.07E-07	2.17YrCanc	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	404284.8	3777462	6.36E-07	2.17YrCanc	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

87	ALL	404334.8	3777462	6.66E-07	2.17YrCanc	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	404384.8	3777462	6.97E-07	2.17YrCanc	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	404434.8	3777462	7.28E-07	2.17YrCanc	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	404484.8	3777462	7.61E-07	2.17YrCanc	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	404534.8	3777462	7.91E-07	2.17YrCanc	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	404584.8	3777462	8.21E-07	2.17YrCanc	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	404634.8	3777462	8.50E-07	2.17YrCanc	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	404684.8	3777462	8.76E-07	2.17YrCanc	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	404734.8	3777462	9.00E-07	2.17YrCanc	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	404784.8	3777462	9.22E-07	2.17YrCanc	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	404834.8	3777462	9.36E-07	2.17YrCanc	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	404884.8	3777462	9.50E-07	2.17YrCanc	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	404934.8	3777462	9.58E-07	2.17YrCanc	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	404984.8	3777462	9.60E-07	2.17YrCanc	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	405034.8	3777462	9.57E-07	2.17YrCanc	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	405084.8	3777462	9.48E-07	2.17YrCanc	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	405134.8	3777462	9.34E-07	2.17YrCanc	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	405184.8	3777462	9.19E-07	2.17YrCanc	9.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	405234.8	3777462	8.98E-07	2.17YrCanc	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	405284.8	3777462	8.75E-07	2.17YrCanc	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	405334.8	3777462	8.50E-07	2.17YrCanc	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	405384.8	3777462	8.22E-07	2.17YrCanc	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	405434.8	3777462	7.93E-07	2.17YrCanc	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	405484.8	3777462	7.63E-07	2.17YrCanc	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	405534.8	3777462	7.33E-07	2.17YrCanc	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	405584.8	3777462	7.02E-07	2.17YrCanc	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	405634.8	3777462	6.71E-07	2.17YrCanc	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	405684.8	3777462	6.42E-07	2.17YrCanc	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	405734.8	3777462	6.13E-07	2.17YrCanc	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	405784.8	3777462	5.85E-07	2.17YrCanc	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	405834.8	3777462	5.59E-07	2.17YrCanc	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	405884.8	3777462	5.33E-07	2.17YrCanc	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	405934.8	3777462	5.09E-07	2.17YrCanc	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	405984.8	3777462	4.86E-07	2.17YrCanc	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	404034.8	3777512	5.23E-07	2.17YrCanc	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	404084.8	3777512	5.51E-07	2.17YrCanc	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	404134.8	3777512	5.79E-07	2.17YrCanc	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	404184.8	3777512	6.09E-07	2.17YrCanc	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	404234.8	3777512	6.40E-07	2.17YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	404284.8	3777512	6.73E-07	2.17YrCanc	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	404334.8	3777512	7.07E-07	2.17YrCanc	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	404384.8	3777512	7.43E-07	2.17YrCanc	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	404434.8	3777512	7.80E-07	2.17YrCanc	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	404484.8	3777512	8.17E-07	2.17YrCanc	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

131	ALL	404534.8	3777512	8.53E-07	2.17YrCanc	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	404584.8	3777512	8.88E-07	2.17YrCanc	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	404634.8	3777512	9.24E-07	2.17YrCanc	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	404684.8	3777512	9.56E-07	2.17YrCanc	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	404734.8	3777512	9.85E-07	2.17YrCanc	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	404784.8	3777512	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	404834.8	3777512	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	404884.8	3777512	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	404934.8	3777512	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	404984.8	3777512	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	405034.8	3777512	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	405084.8	3777512	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	405134.8	3777512	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	405184.8	3777512	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	405234.8	3777512	9.84E-07	2.17YrCanc	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	405284.8	3777512	9.55E-07	2.17YrCanc	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	405334.8	3777512	9.25E-07	2.17YrCanc	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	405384.8	3777512	8.91E-07	2.17YrCanc	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	405434.8	3777512	8.57E-07	2.17YrCanc	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	405484.8	3777512	8.22E-07	2.17YrCanc	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	405534.8	3777512	7.86E-07	2.17YrCanc	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	405584.8	3777512	7.50E-07	2.17YrCanc	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	405634.8	3777512	7.15E-07	2.17YrCanc	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	405684.8	3777512	6.81E-07	2.17YrCanc	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	405734.8	3777512	6.49E-07	2.17YrCanc	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	405784.8	3777512	6.17E-07	2.17YrCanc	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	405834.8	3777512	5.88E-07	2.17YrCanc	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	405884.8	3777512	5.59E-07	2.17YrCanc	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	405934.8	3777512	5.32E-07	2.17YrCanc	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	405984.8	3777512	5.07E-07	2.17YrCanc	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	404034.8	3777562	5.45E-07	2.17YrCanc	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	404084.8	3777562	5.76E-07	2.17YrCanc	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	404134.8	3777562	6.08E-07	2.17YrCanc	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	404184.8	3777562	6.40E-07	2.17YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	404234.8	3777562	6.76E-07	2.17YrCanc	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	404284.8	3777562	7.14E-07	2.17YrCanc	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	404334.8	3777562	7.52E-07	2.17YrCanc	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	404384.8	3777562	7.94E-07	2.17YrCanc	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	404434.8	3777562	8.38E-07	2.17YrCanc	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	404484.8	3777562	8.81E-07	2.17YrCanc	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	404534.8	3777562	9.22E-07	2.17YrCanc	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	404584.8	3777562	9.66E-07	2.17YrCanc	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	404634.8	3777562	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	404684.8	3777562	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

175	ALL	404734.8	3777562	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	404784.8	3777562	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	404834.8	3777562	1.14E-06	2.17YrCanc	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	404884.8	3777562	1.16E-06	2.17YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	404934.8	3777562	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	404984.8	3777562	1.18E-06	2.17YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	405034.8	3777562	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	405084.8	3777562	1.16E-06	2.17YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	405134.8	3777562	1.14E-06	2.17YrCanc	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	405184.8	3777562	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	405234.8	3777562	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	405284.8	3777562	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	405334.8	3777562	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	405384.8	3777562	9.70E-07	2.17YrCanc	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	405434.8	3777562	9.29E-07	2.17YrCanc	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	405484.8	3777562	8.87E-07	2.17YrCanc	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	405534.8	3777562	8.45E-07	2.17YrCanc	8.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	405584.8	3777562	8.03E-07	2.17YrCanc	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	405634.8	3777562	7.62E-07	2.17YrCanc	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	405684.8	3777562	7.24E-07	2.17YrCanc	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	405734.8	3777562	6.87E-07	2.17YrCanc	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	405784.8	3777562	6.52E-07	2.17YrCanc	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	405834.8	3777562	6.18E-07	2.17YrCanc	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	405884.8	3777562	5.86E-07	2.17YrCanc	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	405934.8	3777562	5.57E-07	2.17YrCanc	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	405984.8	3777562	5.29E-07	2.17YrCanc	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	404034.8	3777612	5.69E-07	2.17YrCanc	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	404084.8	3777612	6.02E-07	2.17YrCanc	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	404134.8	3777612	6.36E-07	2.17YrCanc	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	404184.8	3777612	6.74E-07	2.17YrCanc	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	404234.8	3777612	7.14E-07	2.17YrCanc	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	404284.8	3777612	7.57E-07	2.17YrCanc	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	404334.8	3777612	8.01E-07	2.17YrCanc	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	404384.8	3777612	8.48E-07	2.17YrCanc	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	404434.8	3777612	8.97E-07	2.17YrCanc	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	404484.8	3777612	9.49E-07	2.17YrCanc	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	404534.8	3777612	1.00E-06	2.17YrCanc	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	404584.8	3777612	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	404634.8	3777612	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	404684.8	3777612	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	404734.8	3777612	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	404784.8	3777612	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	404834.8	3777612	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	404884.8	3777612	1.30E-06	2.17YrCanc	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

219	ALL	404934.8	3777612	1.31E-06	2.17YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	404984.8	3777612	1.31E-06	2.17YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	405034.8	3777612	1.31E-06	2.17YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	405084.8	3777612	1.29E-06	2.17YrCanc	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	405134.8	3777612	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	405184.8	3777612	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	405234.8	3777612	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	405284.8	3777612	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	405334.8	3777612	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	405384.8	3777612	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	405434.8	3777612	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	405484.8	3777612	9.59E-07	2.17YrCanc	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	405534.8	3777612	9.10E-07	2.17YrCanc	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	405584.8	3777612	8.62E-07	2.17YrCanc	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	405634.8	3777612	8.14E-07	2.17YrCanc	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	405684.8	3777612	7.70E-07	2.17YrCanc	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	405734.8	3777612	7.28E-07	2.17YrCanc	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	405784.8	3777612	6.88E-07	2.17YrCanc	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	405834.8	3777612	6.50E-07	2.17YrCanc	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	405884.8	3777612	6.15E-07	2.17YrCanc	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	405934.8	3777612	5.82E-07	2.17YrCanc	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	405984.8	3777612	5.52E-07	2.17YrCanc	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	404034.8	3777662	5.93E-07	2.17YrCanc	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	404084.8	3777662	6.29E-07	2.17YrCanc	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	404134.8	3777662	6.68E-07	2.17YrCanc	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	404184.8	3777662	7.09E-07	2.17YrCanc	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	404234.8	3777662	7.53E-07	2.17YrCanc	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	404284.8	3777662	8.02E-07	2.17YrCanc	8.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	404334.8	3777662	8.53E-07	2.17YrCanc	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	404384.8	3777662	9.08E-07	2.17YrCanc	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	404434.8	3777662	9.66E-07	2.17YrCanc	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	404484.8	3777662	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	404534.8	3777662	1.09E-06	2.17YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	404584.8	3777662	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	404634.8	3777662	1.21E-06	2.17YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	404684.8	3777662	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	404734.8	3777662	1.33E-06	2.17YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	404784.8	3777662	1.38E-06	2.17YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	404834.8	3777662	1.43E-06	2.17YrCanc	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	404884.8	3777662	1.46E-06	2.17YrCanc	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	404934.8	3777662	1.47E-06	2.17YrCanc	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	404984.8	3777662	1.48E-06	2.17YrCanc	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	405034.8	3777662	1.47E-06	2.17YrCanc	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	405084.8	3777662	1.45E-06	2.17YrCanc	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

263	ALL	405134.8	3777662	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	405184.8	3777662	1.38E-06	2.17YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	405234.8	3777662	1.33E-06	2.17YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	405284.8	3777662	1.28E-06	2.17YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	405334.8	3777662	1.22E-06	2.17YrCanc	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	405384.8	3777662	1.16E-06	2.17YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	405434.8	3777662	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	405484.8	3777662	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	405534.8	3777662	9.82E-07	2.17YrCanc	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	405584.8	3777662	9.25E-07	2.17YrCanc	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	405634.8	3777662	8.70E-07	2.17YrCanc	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	405684.8	3777662	8.19E-07	2.17YrCanc	8.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	405734.8	3777662	7.71E-07	2.17YrCanc	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	405784.8	3777662	7.26E-07	2.17YrCanc	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	405834.8	3777662	6.84E-07	2.17YrCanc	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	405884.8	3777662	6.45E-07	2.17YrCanc	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	405934.8	3777662	6.08E-07	2.17YrCanc	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	405984.8	3777662	5.75E-07	2.17YrCanc	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	404034.8	3777712	6.18E-07	2.17YrCanc	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	404084.8	3777712	6.57E-07	2.17YrCanc	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	404134.8	3777712	7.00E-07	2.17YrCanc	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	404184.8	3777712	7.47E-07	2.17YrCanc	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	404234.8	3777712	7.96E-07	2.17YrCanc	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	404284.8	3777712	8.50E-07	2.17YrCanc	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	404334.8	3777712	9.09E-07	2.17YrCanc	9.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	404384.8	3777712	9.72E-07	2.17YrCanc	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	404434.8	3777712	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	404484.8	3777712	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	404534.8	3777712	1.18E-06	2.17YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	404584.8	3777712	1.26E-06	2.17YrCanc	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	404634.8	3777712	1.34E-06	2.17YrCanc	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	404684.8	3777712	1.41E-06	2.17YrCanc	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	404734.8	3777712	1.49E-06	2.17YrCanc	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	404784.8	3777712	1.55E-06	2.17YrCanc	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	404834.8	3777712	1.61E-06	2.17YrCanc	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	404884.8	3777712	1.65E-06	2.17YrCanc	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	404934.8	3777712	1.68E-06	2.17YrCanc	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	404984.8	3777712	1.69E-06	2.17YrCanc	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	405034.8	3777712	1.68E-06	2.17YrCanc	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	405084.8	3777712	1.65E-06	2.17YrCanc	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	405134.8	3777712	1.61E-06	2.17YrCanc	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	405184.8	3777712	1.56E-06	2.17YrCanc	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	405234.8	3777712	1.50E-06	2.17YrCanc	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	405284.8	3777712	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

307	ALL	405334.8	3777712	1.35E-06	2.17YrCanc	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	405384.8	3777712	1.28E-06	2.17YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	405434.8	3777712	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	405484.8	3777712	1.13E-06	2.17YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	405534.8	3777712	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	405584.8	3777712	9.94E-07	2.17YrCanc	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	405634.8	3777712	9.31E-07	2.17YrCanc	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	405684.8	3777712	8.72E-07	2.17YrCanc	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	405734.8	3777712	8.17E-07	2.17YrCanc	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	405784.8	3777712	7.66E-07	2.17YrCanc	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	405834.8	3777712	7.19E-07	2.17YrCanc	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	405884.8	3777712	6.75E-07	2.17YrCanc	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	405934.8	3777712	6.36E-07	2.17YrCanc	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	405984.8	3777712	5.99E-07	2.17YrCanc	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	404034.8	3777762	6.43E-07	2.17YrCanc	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	404084.8	3777762	6.86E-07	2.17YrCanc	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	404134.8	3777762	7.33E-07	2.17YrCanc	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	404184.8	3777762	7.84E-07	2.17YrCanc	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	404234.8	3777762	8.40E-07	2.17YrCanc	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	404284.8	3777762	9.02E-07	2.17YrCanc	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	404334.8	3777762	9.68E-07	2.17YrCanc	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	404384.8	3777762	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	404434.8	3777762	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	404484.8	3777762	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	404534.8	3777762	1.29E-06	2.17YrCanc	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	404584.8	3777762	1.39E-06	2.17YrCanc	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	404634.8	3777762	1.48E-06	2.17YrCanc	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	404684.8	3777762	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	404734.8	3777762	1.67E-06	2.17YrCanc	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	404784.8	3777762	1.76E-06	2.17YrCanc	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	404834.8	3777762	1.84E-06	2.17YrCanc	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	404884.8	3777762	1.89E-06	2.17YrCanc	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	404934.8	3777762	1.93E-06	2.17YrCanc	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	404984.8	3777762	1.94E-06	2.17YrCanc	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	405034.8	3777762	1.93E-06	2.17YrCanc	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	405084.8	3777762	1.89E-06	2.17YrCanc	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	405134.8	3777762	1.84E-06	2.17YrCanc	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	405184.8	3777762	1.77E-06	2.17YrCanc	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	405234.8	3777762	1.69E-06	2.17YrCanc	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	405284.8	3777762	1.60E-06	2.17YrCanc	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	405334.8	3777762	1.50E-06	2.17YrCanc	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	405384.8	3777762	1.41E-06	2.17YrCanc	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	405434.8	3777762	1.32E-06	2.17YrCanc	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	405484.8	3777762	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

351	ALL	405534.8	3777762	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	405584.8	3777762	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	405634.8	3777762	9.96E-07	2.17YrCanc	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	405684.8	3777762	9.28E-07	2.17YrCanc	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	405734.8	3777762	8.64E-07	2.17YrCanc	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	405784.8	3777762	8.07E-07	2.17YrCanc	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	405834.8	3777762	7.55E-07	2.17YrCanc	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	405884.8	3777762	7.07E-07	2.17YrCanc	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	405934.8	3777762	6.64E-07	2.17YrCanc	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	405984.8	3777762	6.23E-07	2.17YrCanc	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	404034.8	3777812	6.67E-07	2.17YrCanc	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	404084.8	3777812	7.15E-07	2.17YrCanc	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	404134.8	3777812	7.66E-07	2.17YrCanc	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	404184.8	3777812	8.22E-07	2.17YrCanc	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	404234.8	3777812	8.85E-07	2.17YrCanc	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	404284.8	3777812	9.54E-07	2.17YrCanc	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	404334.8	3777812	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	404384.8	3777812	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	404434.8	3777812	1.21E-06	2.17YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	404484.8	3777812	1.31E-06	2.17YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	404534.8	3777812	1.41E-06	2.17YrCanc	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	404584.8	3777812	1.53E-06	2.17YrCanc	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	404634.8	3777812	1.65E-06	2.17YrCanc	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	404684.8	3777812	1.77E-06	2.17YrCanc	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	404734.8	3777812	1.89E-06	2.17YrCanc	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	404784.8	3777812	2.01E-06	2.17YrCanc	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	404834.8	3777812	2.11E-06	2.17YrCanc	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	404884.8	3777812	2.19E-06	2.17YrCanc	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	404934.8	3777812	2.24E-06	2.17YrCanc	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	404984.8	3777812	2.26E-06	2.17YrCanc	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	405034.8	3777812	2.24E-06	2.17YrCanc	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	405084.8	3777812	2.20E-06	2.17YrCanc	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	405134.8	3777812	2.12E-06	2.17YrCanc	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	405184.8	3777812	2.03E-06	2.17YrCanc	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	405234.8	3777812	1.92E-06	2.17YrCanc	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	405284.8	3777812	1.80E-06	2.17YrCanc	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	405334.8	3777812	1.68E-06	2.17YrCanc	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	405384.8	3777812	1.57E-06	2.17YrCanc	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	405434.8	3777812	1.45E-06	2.17YrCanc	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	405484.8	3777812	1.34E-06	2.17YrCanc	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	405534.8	3777812	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	405584.8	3777812	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	405634.8	3777812	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	405684.8	3777812	9.86E-07	2.17YrCanc	9.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

395	ALL	405734.8	3777812	9.15E-07	2.17YrCanc	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	405784.8	3777812	8.51E-07	2.17YrCanc	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	405834.8	3777812	7.93E-07	2.17YrCanc	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	405884.8	3777812	7.40E-07	2.17YrCanc	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	405934.8	3777812	6.92E-07	2.17YrCanc	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	405984.8	3777812	6.48E-07	2.17YrCanc	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	404034.8	3777862	6.92E-07	2.17YrCanc	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	404084.8	3777862	7.43E-07	2.17YrCanc	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	404134.8	3777862	7.99E-07	2.17YrCanc	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	404184.8	3777862	8.61E-07	2.17YrCanc	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	404234.8	3777862	9.31E-07	2.17YrCanc	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	404284.8	3777862	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	404334.8	3777862	1.09E-06	2.17YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	404384.8	3777862	1.19E-06	2.17YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	404434.8	3777862	1.30E-06	2.17YrCanc	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	404484.8	3777862	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	404534.8	3777862	1.55E-06	2.17YrCanc	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	404584.8	3777862	1.69E-06	2.17YrCanc	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	404634.8	3777862	1.84E-06	2.17YrCanc	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	404684.8	3777862	2.00E-06	2.17YrCanc	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	404734.8	3777862	2.16E-06	2.17YrCanc	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	404784.8	3777862	2.32E-06	2.17YrCanc	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	404834.8	3777862	2.46E-06	2.17YrCanc	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	404884.8	3777862	2.57E-06	2.17YrCanc	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	404934.8	3777862	2.65E-06	2.17YrCanc	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	404984.8	3777862	2.68E-06	2.17YrCanc	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	405034.8	3777862	2.65E-06	2.17YrCanc	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	405084.8	3777862	2.59E-06	2.17YrCanc	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	405134.8	3777862	2.48E-06	2.17YrCanc	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	405184.8	3777862	2.35E-06	2.17YrCanc	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	405234.8	3777862	2.20E-06	2.17YrCanc	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	405284.8	3777862	2.05E-06	2.17YrCanc	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	405334.8	3777862	1.89E-06	2.17YrCanc	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	405384.8	3777862	1.74E-06	2.17YrCanc	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	405434.8	3777862	1.60E-06	2.17YrCanc	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	405484.8	3777862	1.47E-06	2.17YrCanc	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	405534.8	3777862	1.35E-06	2.17YrCanc	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	405584.8	3777862	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	405634.8	3777862	1.14E-06	2.17YrCanc	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	405684.8	3777862	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	405734.8	3777862	9.68E-07	2.17YrCanc	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	405784.8	3777862	8.96E-07	2.17YrCanc	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	405834.8	3777862	8.31E-07	2.17YrCanc	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	405884.8	3777862	7.73E-07	2.17YrCanc	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

439	ALL	405934.8	3777862	7.20E-07	2.17YrCanc	7.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	405984.8	3777862	6.73E-07	2.17YrCanc	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	404034.8	3777912	7.16E-07	2.17YrCanc	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	404084.8	3777912	7.70E-07	2.17YrCanc	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	404134.8	3777912	8.32E-07	2.17YrCanc	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	404184.8	3777912	9.00E-07	2.17YrCanc	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	404234.8	3777912	9.77E-07	2.17YrCanc	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	404284.8	3777912	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	404334.8	3777912	1.16E-06	2.17YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	404384.8	3777912	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	404434.8	3777912	1.40E-06	2.17YrCanc	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	404484.8	3777912	1.54E-06	2.17YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	404534.8	3777912	1.70E-06	2.17YrCanc	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	404584.8	3777912	1.87E-06	2.17YrCanc	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	404634.8	3777912	2.07E-06	2.17YrCanc	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	404684.8	3777912	2.28E-06	2.17YrCanc	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	404734.8	3777912	2.49E-06	2.17YrCanc	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	404784.8	3777912	2.70E-06	2.17YrCanc	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	404834.8	3777912	2.91E-06	2.17YrCanc	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	404884.8	3777912	3.07E-06	2.17YrCanc	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	404934.8	3777912	3.18E-06	2.17YrCanc	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	404984.8	3777912	3.23E-06	2.17YrCanc	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	405034.8	3777912	3.20E-06	2.17YrCanc	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	405084.8	3777912	3.10E-06	2.17YrCanc	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	405134.8	3777912	2.95E-06	2.17YrCanc	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	405184.8	3777912	2.76E-06	2.17YrCanc	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	405234.8	3777912	2.55E-06	2.17YrCanc	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	405284.8	3777912	2.34E-06	2.17YrCanc	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	405334.8	3777912	2.14E-06	2.17YrCanc	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	405384.8	3777912	1.94E-06	2.17YrCanc	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	405434.8	3777912	1.76E-06	2.17YrCanc	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	405484.8	3777912	1.60E-06	2.17YrCanc	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	405534.8	3777912	1.46E-06	2.17YrCanc	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	405584.8	3777912	1.33E-06	2.17YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	405634.8	3777912	1.21E-06	2.17YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	405684.8	3777912	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	405734.8	3777912	1.02E-06	2.17YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	405784.8	3777912	9.41E-07	2.17YrCanc	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	405834.8	3777912	8.70E-07	2.17YrCanc	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	405884.8	3777912	8.09E-07	2.17YrCanc	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	405934.8	3777912	7.49E-07	2.17YrCanc	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	405984.8	3777912	6.97E-07	2.17YrCanc	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	404034.8	3777962	7.38E-07	2.17YrCanc	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	404084.8	3777962	7.97E-07	2.17YrCanc	7.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

483	ALL	404134.8	3777962	8.63E-07	2.17YrCanc	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	404184.8	3777962	9.38E-07	2.17YrCanc	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	404234.8	3777962	1.02E-06	2.17YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	404284.8	3777962	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	404334.8	3777962	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	404384.8	3777962	1.36E-06	2.17YrCanc	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	404434.8	3777962	1.50E-06	2.17YrCanc	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	404484.8	3777962	1.67E-06	2.17YrCanc	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	404534.8	3777962	1.86E-06	2.17YrCanc	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	404584.8	3777962	2.07E-06	2.17YrCanc	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	404634.8	3777962	2.32E-06	2.17YrCanc	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	404684.8	3777962	2.59E-06	2.17YrCanc	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	404734.8	3777962	2.88E-06	2.17YrCanc	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	404784.8	3777962	3.19E-06	2.17YrCanc	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	404834.8	3777962	3.49E-06	2.17YrCanc	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	404884.8	3777962	3.74E-06	2.17YrCanc	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	404934.8	3777962	3.92E-06	2.17YrCanc	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	404984.8	3777962	3.99E-06	2.17YrCanc	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	405034.8	3777962	3.94E-06	2.17YrCanc	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	405084.8	3777962	3.80E-06	2.17YrCanc	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	405134.8	3777962	3.56E-06	2.17YrCanc	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	405184.8	3777962	3.28E-06	2.17YrCanc	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	405234.8	3777962	2.99E-06	2.17YrCanc	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	405284.8	3777962	2.70E-06	2.17YrCanc	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	405334.8	3777962	2.42E-06	2.17YrCanc	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	405384.8	3777962	2.17E-06	2.17YrCanc	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	405434.8	3777962	1.95E-06	2.17YrCanc	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	405484.8	3777962	1.75E-06	2.17YrCanc	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	405534.8	3777962	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	405584.8	3777962	1.43E-06	2.17YrCanc	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	405634.8	3777962	1.29E-06	2.17YrCanc	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	405684.8	3777962	1.18E-06	2.17YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	405734.8	3777962	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	405784.8	3777962	9.90E-07	2.17YrCanc	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	405834.8	3777962	9.10E-07	2.17YrCanc	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	405884.8	3777962	8.39E-07	2.17YrCanc	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	405934.8	3777962	7.76E-07	2.17YrCanc	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	405984.8	3777962	7.21E-07	2.17YrCanc	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	404034.8	3778012	7.60E-07	2.17YrCanc	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	404084.8	3778012	8.23E-07	2.17YrCanc	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	404134.8	3778012	8.94E-07	2.17YrCanc	8.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	404184.8	3778012	9.75E-07	2.17YrCanc	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	404234.8	3778012	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	404284.8	3778012	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

527	ALL	404334.8	3778012	1.30E-06	2.17YrCanc	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	404384.8	3778012	1.44E-06	2.17YrCanc	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	404434.8	3778012	1.61E-06	2.17YrCanc	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	404484.8	3778012	1.80E-06	2.17YrCanc	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	404534.8	3778012	2.03E-06	2.17YrCanc	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	404584.8	3778012	2.30E-06	2.17YrCanc	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	404634.8	3778012	2.61E-06	2.17YrCanc	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	404684.8	3778012	2.97E-06	2.17YrCanc	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	404734.8	3778012	3.37E-06	2.17YrCanc	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	404784.8	3778012	3.81E-06	2.17YrCanc	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	404834.8	3778012	4.26E-06	2.17YrCanc	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	404884.8	3778012	4.66E-06	2.17YrCanc	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	404934.8	3778012	4.96E-06	2.17YrCanc	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	404984.8	3778012	5.08E-06	2.17YrCanc	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	405034.8	3778012	5.02E-06	2.17YrCanc	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	405084.8	3778012	4.76E-06	2.17YrCanc	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	405134.8	3778012	4.40E-06	2.17YrCanc	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	405184.8	3778012	3.97E-06	2.17YrCanc	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	405234.8	3778012	3.53E-06	2.17YrCanc	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	405284.8	3778012	3.12E-06	2.17YrCanc	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	405334.8	3778012	2.76E-06	2.17YrCanc	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	405384.8	3778012	2.43E-06	2.17YrCanc	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	405434.8	3778012	2.15E-06	2.17YrCanc	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	405484.8	3778012	1.91E-06	2.17YrCanc	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	405534.8	3778012	1.70E-06	2.17YrCanc	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	405584.8	3778012	1.53E-06	2.17YrCanc	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	405634.8	3778012	1.38E-06	2.17YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	405684.8	3778012	1.25E-06	2.17YrCanc	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	405734.8	3778012	1.13E-06	2.17YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	405784.8	3778012	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	405834.8	3778012	9.47E-07	2.17YrCanc	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	405884.8	3778012	8.72E-07	2.17YrCanc	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	405934.8	3778012	8.04E-07	2.17YrCanc	8.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	405984.8	3778012	7.44E-07	2.17YrCanc	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	404034.8	3778062	7.80E-07	2.17YrCanc	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	404084.8	3778062	8.47E-07	2.17YrCanc	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	404134.8	3778062	9.23E-07	2.17YrCanc	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	404184.8	3778062	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	404234.8	3778062	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	404284.8	3778062	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	404334.8	3778062	1.36E-06	2.17YrCanc	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	404384.8	3778062	1.52E-06	2.17YrCanc	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	404434.8	3778062	1.71E-06	2.17YrCanc	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	404484.8	3778062	1.94E-06	2.17YrCanc	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

571	ALL	404534.8	3778062	2.21E-06	2.17YrCanc	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	404584.8	3778062	2.54E-06	2.17YrCanc	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	404634.8	3778062	2.94E-06	2.17YrCanc	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	404684.8	3778062	3.40E-06	2.17YrCanc	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	404734.8	3778062	3.96E-06	2.17YrCanc	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	404784.8	3778062	4.61E-06	2.17YrCanc	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	404834.8	3778062	5.31E-06	2.17YrCanc	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	404884.8	3778062	5.99E-06	2.17YrCanc	5.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	404934.8	3778062	6.51E-06	2.17YrCanc	6.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	404984.8	3778062	6.75E-06	2.17YrCanc	6.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	405034.8	3778062	6.63E-06	2.17YrCanc	6.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	405084.8	3778062	6.20E-06	2.17YrCanc	6.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	405134.8	3778062	5.56E-06	2.17YrCanc	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	405184.8	3778062	4.87E-06	2.17YrCanc	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	405234.8	3778062	4.22E-06	2.17YrCanc	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	405284.8	3778062	3.64E-06	2.17YrCanc	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	405334.8	3778062	3.13E-06	2.17YrCanc	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	405384.8	3778062	2.72E-06	2.17YrCanc	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	405434.8	3778062	2.37E-06	2.17YrCanc	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	405484.8	3778062	2.08E-06	2.17YrCanc	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	405534.8	3778062	1.84E-06	2.17YrCanc	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	405584.8	3778062	1.63E-06	2.17YrCanc	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	405634.8	3778062	1.46E-06	2.17YrCanc	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	405684.8	3778062	1.31E-06	2.17YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	405734.8	3778062	1.19E-06	2.17YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	405784.8	3778062	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	405834.8	3778062	9.85E-07	2.17YrCanc	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	405884.8	3778062	9.03E-07	2.17YrCanc	9.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	405934.8	3778062	8.30E-07	2.17YrCanc	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	405984.8	3778062	7.67E-07	2.17YrCanc	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	404034.8	3778112	7.98E-07	2.17YrCanc	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	404084.8	3778112	8.68E-07	2.17YrCanc	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	404134.8	3778112	9.48E-07	2.17YrCanc	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	404184.8	3778112	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	404234.8	3778112	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	404284.8	3778112	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	404334.8	3778112	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	404384.8	3778112	1.60E-06	2.17YrCanc	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	404434.8	3778112	1.81E-06	2.17YrCanc	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	404484.8	3778112	2.07E-06	2.17YrCanc	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	404534.8	3778112	2.39E-06	2.17YrCanc	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	404584.8	3778112	2.79E-06	2.17YrCanc	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	404634.8	3778112	3.28E-06	2.17YrCanc	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	404684.8	3778112	3.89E-06	2.17YrCanc	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

615	ALL	404734.8	3778112	4.67E-06	2.17YrCanc	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	404784.8	3778112	5.64E-06	2.17YrCanc	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	404834.8	3778112	6.77E-06	2.17YrCanc	6.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	404884.8	3778112	7.97E-06	2.17YrCanc	7.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	404934.8	3778112	9.02E-06	2.17YrCanc	9.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	404984.8	3778112	9.52E-06	2.17YrCanc	9.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	405034.8	3778112	9.29E-06	2.17YrCanc	9.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	405084.8	3778112	8.42E-06	2.17YrCanc	8.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	405134.8	3778112	7.25E-06	2.17YrCanc	7.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	405184.8	3778112	6.09E-06	2.17YrCanc	6.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	405234.8	3778112	5.08E-06	2.17YrCanc	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	405284.8	3778112	4.24E-06	2.17YrCanc	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	405334.8	3778112	3.57E-06	2.17YrCanc	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	405384.8	3778112	3.03E-06	2.17YrCanc	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	405434.8	3778112	2.60E-06	2.17YrCanc	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	405484.8	3778112	2.25E-06	2.17YrCanc	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	405534.8	3778112	1.97E-06	2.17YrCanc	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	405584.8	3778112	1.74E-06	2.17YrCanc	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	405634.8	3778112	1.54E-06	2.17YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	405684.8	3778112	1.38E-06	2.17YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	405734.8	3778112	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	405784.8	3778112	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	405834.8	3778112	1.02E-06	2.17YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	405884.8	3778112	9.33E-07	2.17YrCanc	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	405934.8	3778112	8.56E-07	2.17YrCanc	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	405984.8	3778112	7.88E-07	2.17YrCanc	7.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	404034.8	3778162	8.13E-07	2.17YrCanc	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	404084.8	3778162	8.86E-07	2.17YrCanc	8.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	404134.8	3778162	9.70E-07	2.17YrCanc	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	404184.8	3778162	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	404234.8	3778162	1.18E-06	2.17YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	404284.8	3778162	1.32E-06	2.17YrCanc	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	404334.8	3778162	1.48E-06	2.17YrCanc	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	404034.8	3778212	8.25E-07	2.17YrCanc	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	404084.8	3778212	9.00E-07	2.17YrCanc	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	404134.8	3778212	9.87E-07	2.17YrCanc	9.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	404184.8	3778212	1.09E-06	2.17YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	404234.8	3778212	1.21E-06	2.17YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	404284.8	3778212	1.35E-06	2.17YrCanc	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	404334.8	3778212	1.52E-06	2.17YrCanc	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	404384.8	3778212	1.73E-06	2.17YrCanc	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	404434.8	3778212	1.98E-06	2.17YrCanc	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	404484.8	3778212	2.31E-06	2.17YrCanc	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	404534.8	3778212	2.72E-06	2.17YrCanc	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

659	ALL	404034.8	3778262	8.33E-07	2.17YrCanc	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	404084.8	3778262	9.12E-07	2.17YrCanc	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	404134.8	3778262	1.00E-06	2.17YrCanc	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	404184.8	3778262	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	404234.8	3778262	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	404284.8	3778262	1.38E-06	2.17YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	404334.8	3778262	1.56E-06	2.17YrCanc	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	404384.8	3778262	1.77E-06	2.17YrCanc	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	404434.8	3778262	2.04E-06	2.17YrCanc	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	404484.8	3778262	2.39E-06	2.17YrCanc	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	404534.8	3778262	2.83E-06	2.17YrCanc	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	404584.8	3778262	3.43E-06	2.17YrCanc	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	404034.8	3778312	8.40E-07	2.17YrCanc	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	404084.8	3778312	9.18E-07	2.17YrCanc	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	404134.8	3778312	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	404184.8	3778312	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	404234.8	3778312	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	404284.8	3778312	1.39E-06	2.17YrCanc	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	404334.8	3778312	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	404384.8	3778312	1.80E-06	2.17YrCanc	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	404434.8	3778312	2.08E-06	2.17YrCanc	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	404484.8	3778312	2.44E-06	2.17YrCanc	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	404534.8	3778312	2.91E-06	2.17YrCanc	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	404584.8	3778312	3.53E-06	2.17YrCanc	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	404634.8	3778312	4.41E-06	2.17YrCanc	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	404034.8	3778362	8.41E-07	2.17YrCanc	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	404084.8	3778362	9.20E-07	2.17YrCanc	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	404134.8	3778362	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	404184.8	3778362	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	404234.8	3778362	1.25E-06	2.17YrCanc	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	404284.8	3778362	1.40E-06	2.17YrCanc	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	404334.8	3778362	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	404384.8	3778362	1.81E-06	2.17YrCanc	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	404434.8	3778362	2.09E-06	2.17YrCanc	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	404484.8	3778362	2.45E-06	2.17YrCanc	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	404534.8	3778362	2.92E-06	2.17YrCanc	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	404584.8	3778362	3.56E-06	2.17YrCanc	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	404634.8	3778362	4.45E-06	2.17YrCanc	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	404684.8	3778362	5.76E-06	2.17YrCanc	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	404034.8	3778412	8.39E-07	2.17YrCanc	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	404084.8	3778412	9.17E-07	2.17YrCanc	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	404134.8	3778412	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	404184.8	3778412	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	404234.8	3778412	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

703	ALL	404284.8	3778412	1.39E-06	2.17YrCanc	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	404334.8	3778412	1.57E-06	2.17YrCanc	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	404384.8	3778412	1.79E-06	2.17YrCanc	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	404434.8	3778412	2.07E-06	2.17YrCanc	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	404484.8	3778412	2.42E-06	2.17YrCanc	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	404534.8	3778412	2.88E-06	2.17YrCanc	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	404584.8	3778412	3.50E-06	2.17YrCanc	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	404634.8	3778412	4.35E-06	2.17YrCanc	4.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	404684.8	3778412	5.58E-06	2.17YrCanc	5.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	404034.8	3778462	8.33E-07	2.17YrCanc	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	404084.8	3778462	9.10E-07	2.17YrCanc	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	404134.8	3778462	9.99E-07	2.17YrCanc	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	404184.8	3778462	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	404234.8	3778462	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	404284.8	3778462	1.37E-06	2.17YrCanc	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	404334.8	3778462	1.55E-06	2.17YrCanc	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	404384.8	3778462	1.76E-06	2.17YrCanc	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	404434.8	3778462	2.03E-06	2.17YrCanc	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	404484.8	3778462	2.36E-06	2.17YrCanc	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	404534.8	3778462	2.79E-06	2.17YrCanc	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	404584.8	3778462	3.35E-06	2.17YrCanc	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	404634.8	3778462	4.12E-06	2.17YrCanc	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	404684.8	3778462	5.19E-06	2.17YrCanc	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	405984.8	3778462	8.74E-07	2.17YrCanc	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	404034.8	3778512	8.23E-07	2.17YrCanc	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	404084.8	3778512	8.98E-07	2.17YrCanc	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	404134.8	3778512	9.84E-07	2.17YrCanc	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	404184.8	3778512	1.09E-06	2.17YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	404234.8	3778512	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	404284.8	3778512	1.34E-06	2.17YrCanc	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	404334.8	3778512	1.51E-06	2.17YrCanc	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	404384.8	3778512	1.71E-06	2.17YrCanc	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	404434.8	3778512	1.96E-06	2.17YrCanc	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	404484.8	3778512	2.26E-06	2.17YrCanc	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	404534.8	3778512	2.65E-06	2.17YrCanc	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	404584.8	3778512	3.15E-06	2.17YrCanc	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	404634.8	3778512	3.81E-06	2.17YrCanc	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	404684.8	3778512	4.69E-06	2.17YrCanc	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	405884.8	3778512	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	405934.8	3778512	9.50E-07	2.17YrCanc	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	405984.8	3778512	8.70E-07	2.17YrCanc	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	404034.8	3778562	8.10E-07	2.17YrCanc	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	404084.8	3778562	8.82E-07	2.17YrCanc	8.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	404134.8	3778562	9.65E-07	2.17YrCanc	9.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

747	ALL	404184.8	3778562	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	404234.8	3778562	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	404284.8	3778562	1.30E-06	2.17YrCanc	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	404334.8	3778562	1.46E-06	2.17YrCanc	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	404384.8	3778562	1.64E-06	2.17YrCanc	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	404434.8	3778562	1.87E-06	2.17YrCanc	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	404484.8	3778562	2.14E-06	2.17YrCanc	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	404534.8	3778562	2.48E-06	2.17YrCanc	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	404584.8	3778562	2.91E-06	2.17YrCanc	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	404634.8	3778562	3.45E-06	2.17YrCanc	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	404684.8	3778562	4.15E-06	2.17YrCanc	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	405784.8	3778562	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	405834.8	3778562	1.13E-06	2.17YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	405884.8	3778562	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	405934.8	3778562	9.38E-07	2.17YrCanc	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	405984.8	3778562	8.61E-07	2.17YrCanc	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	404034.8	3778612	7.94E-07	2.17YrCanc	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	404084.8	3778612	8.63E-07	2.17YrCanc	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	404134.8	3778612	9.41E-07	2.17YrCanc	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	404184.8	3778612	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	404234.8	3778612	1.14E-06	2.17YrCanc	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	404284.8	3778612	1.26E-06	2.17YrCanc	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	404334.8	3778612	1.40E-06	2.17YrCanc	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	404384.8	3778612	1.57E-06	2.17YrCanc	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	404434.8	3778612	1.77E-06	2.17YrCanc	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	404484.8	3778612	2.01E-06	2.17YrCanc	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	404534.8	3778612	2.30E-06	2.17YrCanc	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	404584.8	3778612	2.66E-06	2.17YrCanc	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	404634.8	3778612	3.09E-06	2.17YrCanc	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	404684.8	3778612	3.63E-06	2.17YrCanc	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	405734.8	3778612	1.34E-06	2.17YrCanc	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	405784.8	3778612	1.21E-06	2.17YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	405834.8	3778612	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	405884.8	3778612	1.00E-06	2.17YrCanc	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	405934.8	3778612	9.21E-07	2.17YrCanc	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	405984.8	3778612	8.48E-07	2.17YrCanc	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	404034.8	3778662	7.75E-07	2.17YrCanc	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	404084.8	3778662	8.40E-07	2.17YrCanc	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	404134.8	3778662	9.14E-07	2.17YrCanc	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	404184.8	3778662	9.98E-07	2.17YrCanc	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	404234.8	3778662	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	404284.8	3778662	1.21E-06	2.17YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	404334.8	3778662	1.34E-06	2.17YrCanc	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	404384.8	3778662	1.49E-06	2.17YrCanc	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

791	ALL	404434.8	3778662	1.66E-06	2.17YrCanc	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	404484.8	3778662	1.87E-06	2.17YrCanc	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	404534.8	3778662	2.12E-06	2.17YrCanc	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	404584.8	3778662	2.41E-06	2.17YrCanc	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	404634.8	3778662	2.75E-06	2.17YrCanc	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	404684.8	3778662	3.16E-06	2.17YrCanc	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	405634.8	3778662	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	405684.8	3778662	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	405734.8	3778662	1.28E-06	2.17YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	405784.8	3778662	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	405834.8	3778662	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	405884.8	3778662	9.77E-07	2.17YrCanc	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	405934.8	3778662	8.98E-07	2.17YrCanc	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	405984.8	3778662	8.29E-07	2.17YrCanc	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	404034.8	3778712	7.54E-07	2.17YrCanc	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	404084.8	3778712	8.15E-07	2.17YrCanc	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	404134.8	3778712	8.84E-07	2.17YrCanc	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	404184.8	3778712	9.62E-07	2.17YrCanc	9.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	404234.8	3778712	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	404284.8	3778712	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	404334.8	3778712	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	404384.8	3778712	1.40E-06	2.17YrCanc	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	404434.8	3778712	1.56E-06	2.17YrCanc	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	404484.8	3778712	1.73E-06	2.17YrCanc	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	404534.8	3778712	1.93E-06	2.17YrCanc	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	404584.8	3778712	2.17E-06	2.17YrCanc	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	404634.8	3778712	2.41E-06	2.17YrCanc	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	404684.8	3778712	2.67E-06	2.17YrCanc	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	405534.8	3778712	1.85E-06	2.17YrCanc	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	405584.8	3778712	1.62E-06	2.17YrCanc	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	405634.8	3778712	1.47E-06	2.17YrCanc	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	405684.8	3778712	1.34E-06	2.17YrCanc	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	405734.8	3778712	1.22E-06	2.17YrCanc	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	405784.8	3778712	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	405834.8	3778712	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	405884.8	3778712	9.44E-07	2.17YrCanc	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	405934.8	3778712	8.71E-07	2.17YrCanc	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	405984.8	3778712	8.07E-07	2.17YrCanc	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	404034.8	3778762	7.03E-07	2.17YrCanc	7.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	404084.8	3778762	7.88E-07	2.17YrCanc	7.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	404134.8	3778762	8.52E-07	2.17YrCanc	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	404184.8	3778762	9.24E-07	2.17YrCanc	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	404234.8	3778762	1.00E-06	2.17YrCanc	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	404284.8	3778762	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

835	ALL	404334.8	3778762	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	404384.8	3778762	1.32E-06	2.17YrCanc	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	404434.8	3778762	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	404484.8	3778762	1.54E-06	2.17YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	404534.8	3778762	1.68E-06	2.17YrCanc	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	404584.8	3778762	1.84E-06	2.17YrCanc	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	404634.8	3778762	2.08E-06	2.17YrCanc	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	404684.8	3778762	2.41E-06	2.17YrCanc	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	405484.8	3778762	1.81E-06	2.17YrCanc	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	405534.8	3778762	1.65E-06	2.17YrCanc	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	405584.8	3778762	1.50E-06	2.17YrCanc	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	405634.8	3778762	1.37E-06	2.17YrCanc	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	405684.8	3778762	1.26E-06	2.17YrCanc	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	405734.8	3778762	1.16E-06	2.17YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	405784.8	3778762	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	405834.8	3778762	9.81E-07	2.17YrCanc	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	405884.8	3778762	9.07E-07	2.17YrCanc	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	405934.8	3778762	8.41E-07	2.17YrCanc	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	405984.8	3778762	7.82E-07	2.17YrCanc	7.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	404034.8	3778812	6.67E-07	2.17YrCanc	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	404084.8	3778812	7.43E-07	2.17YrCanc	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	404134.8	3778812	8.12E-07	2.17YrCanc	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	404184.8	3778812	8.77E-07	2.17YrCanc	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	404234.8	3778812	9.28E-07	2.17YrCanc	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	404284.8	3778812	1.00E-06	2.17YrCanc	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	404334.8	3778812	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	404384.8	3778812	1.16E-06	2.17YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	404434.8	3778812	1.25E-06	2.17YrCanc	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	404484.8	3778812	1.35E-06	2.17YrCanc	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	404534.8	3778812	1.46E-06	2.17YrCanc	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	404584.8	3778812	1.60E-06	2.17YrCanc	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	404634.8	3778812	1.73E-06	2.17YrCanc	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	404684.8	3778812	1.79E-06	2.17YrCanc	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	404734.8	3778812	1.99E-06	2.17YrCanc	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	404784.8	3778812	2.16E-06	2.17YrCanc	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	404834.8	3778812	2.30E-06	2.17YrCanc	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	404884.8	3778812	2.42E-06	2.17YrCanc	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	404934.8	3778812	2.48E-06	2.17YrCanc	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	404984.8	3778812	2.52E-06	2.17YrCanc	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	405034.8	3778812	2.54E-06	2.17YrCanc	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	405084.8	3778812	2.46E-06	2.17YrCanc	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	405134.8	3778812	2.40E-06	2.17YrCanc	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	405184.8	3778812	2.31E-06	2.17YrCanc	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	405234.8	3778812	1.99E-06	2.17YrCanc	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

879	ALL	405284.8	3778812	1.84E-06	2.17YrCanc	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	405384.8	3778812	1.86E-06	2.17YrCanc	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	405434.8	3778812	1.75E-06	2.17YrCanc	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	405484.8	3778812	1.63E-06	2.17YrCanc	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	405534.8	3778812	1.51E-06	2.17YrCanc	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	405584.8	3778812	1.39E-06	2.17YrCanc	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	405634.8	3778812	1.28E-06	2.17YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	405684.8	3778812	1.18E-06	2.17YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	405734.8	3778812	1.09E-06	2.17YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	405784.8	3778812	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	405834.8	3778812	9.35E-07	2.17YrCanc	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	405884.8	3778812	8.68E-07	2.17YrCanc	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	405934.8	3778812	8.09E-07	2.17YrCanc	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	405984.8	3778812	7.54E-07	2.17YrCanc	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	404034.8	3778862	6.05E-07	2.17YrCanc	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	404084.8	3778862	6.80E-07	2.17YrCanc	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	404134.8	3778862	7.41E-07	2.17YrCanc	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	404184.8	3778862	7.99E-07	2.17YrCanc	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	404234.8	3778862	8.33E-07	2.17YrCanc	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	404284.8	3778862	8.95E-07	2.17YrCanc	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	404334.8	3778862	9.61E-07	2.17YrCanc	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	404384.8	3778862	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	404434.8	3778862	1.09E-06	2.17YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	404484.8	3778862	1.18E-06	2.17YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	404534.8	3778862	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	404584.8	3778862	1.33E-06	2.17YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	404634.8	3778862	1.44E-06	2.17YrCanc	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	404684.8	3778862	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	404734.8	3778862	1.69E-06	2.17YrCanc	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	404784.8	3778862	1.82E-06	2.17YrCanc	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	404834.8	3778862	1.91E-06	2.17YrCanc	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	404884.8	3778862	2.00E-06	2.17YrCanc	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	404934.8	3778862	2.05E-06	2.17YrCanc	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	404984.8	3778862	2.07E-06	2.17YrCanc	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	405034.8	3778862	2.04E-06	2.17YrCanc	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	405084.8	3778862	2.04E-06	2.17YrCanc	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	405134.8	3778862	1.85E-06	2.17YrCanc	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	405184.8	3778862	1.93E-06	2.17YrCanc	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	405234.8	3778862	1.55E-06	2.17YrCanc	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	405284.8	3778862	1.63E-06	2.17YrCanc	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	405334.8	3778862	1.70E-06	2.17YrCanc	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	405384.8	3778862	1.64E-06	2.17YrCanc	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	405434.8	3778862	1.56E-06	2.17YrCanc	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	405484.8	3778862	1.46E-06	2.17YrCanc	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

923	ALL	405534.8	3778862	1.37E-06	2.17YrCanc	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	405584.8	3778862	1.28E-06	2.17YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	405634.8	3778862	1.19E-06	2.17YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	405684.8	3778862	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	405734.8	3778862	1.02E-06	2.17YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	405784.8	3778862	9.53E-07	2.17YrCanc	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	405834.8	3778862	8.88E-07	2.17YrCanc	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	405884.8	3778862	8.29E-07	2.17YrCanc	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	405934.8	3778862	7.74E-07	2.17YrCanc	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	405984.8	3778862	7.25E-07	2.17YrCanc	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	404034.8	3778912	4.94E-07	2.17YrCanc	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	404084.8	3778912	6.19E-07	2.17YrCanc	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	404134.8	3778912	6.81E-07	2.17YrCanc	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	404184.8	3778912	7.31E-07	2.17YrCanc	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	404234.8	3778912	7.56E-07	2.17YrCanc	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	404284.8	3778912	8.03E-07	2.17YrCanc	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	404334.8	3778912	8.59E-07	2.17YrCanc	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	404384.8	3778912	9.18E-07	2.17YrCanc	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	404434.8	3778912	9.88E-07	2.17YrCanc	9.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	404484.8	3778912	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	404534.8	3778912	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	404584.8	3778912	1.19E-06	2.17YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	404634.8	3778912	1.28E-06	2.17YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	404684.8	3778912	1.37E-06	2.17YrCanc	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	404734.8	3778912	1.45E-06	2.17YrCanc	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	404784.8	3778912	1.54E-06	2.17YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	404834.8	3778912	1.61E-06	2.17YrCanc	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	404884.8	3778912	1.67E-06	2.17YrCanc	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	404934.8	3778912	1.70E-06	2.17YrCanc	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	404984.8	3778912	1.72E-06	2.17YrCanc	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	405034.8	3778912	1.67E-06	2.17YrCanc	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	405084.8	3778912	1.41E-06	2.17YrCanc	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	405134.8	3778912	1.37E-06	2.17YrCanc	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	405184.8	3778912	1.65E-06	2.17YrCanc	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	405234.8	3778912	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	405284.8	3778912	1.52E-06	2.17YrCanc	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	405334.8	3778912	1.47E-06	2.17YrCanc	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	405384.8	3778912	1.43E-06	2.17YrCanc	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	405434.8	3778912	1.36E-06	2.17YrCanc	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	405484.8	3778912	1.30E-06	2.17YrCanc	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	405534.8	3778912	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	405584.8	3778912	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	405634.8	3778912	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	405684.8	3778912	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

967	ALL	405734.8	3778912	9.66E-07	2.17YrCanc	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	405784.8	3778912	9.00E-07	2.17YrCanc	9.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	405834.8	3778912	8.41E-07	2.17YrCanc	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	405884.8	3778912	7.89E-07	2.17YrCanc	7.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	405934.8	3778912	7.40E-07	2.17YrCanc	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	405984.8	3778912	6.95E-07	2.17YrCanc	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	404034.8	3778962	4.55E-07	2.17YrCanc	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	404084.8	3778962	5.18E-07	2.17YrCanc	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	404134.8	3778962	6.18E-07	2.17YrCanc	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	404184.8	3778962	6.65E-07	2.17YrCanc	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	404234.8	3778962	7.58E-07	2.17YrCanc	7.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	404284.8	3778962	7.28E-07	2.17YrCanc	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	404334.8	3778962	7.75E-07	2.17YrCanc	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	404384.8	3778962	8.27E-07	2.17YrCanc	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	404434.8	3778962	8.81E-07	2.17YrCanc	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	404484.8	3778962	9.19E-07	2.17YrCanc	9.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	404534.8	3778962	9.75E-07	2.17YrCanc	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	404584.8	3778962	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	404634.8	3778962	1.13E-06	2.17YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	404684.8	3778962	1.19E-06	2.17YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	404734.8	3778962	1.25E-06	2.17YrCanc	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	404784.8	3778962	1.29E-06	2.17YrCanc	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	404834.8	3778962	1.36E-06	2.17YrCanc	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	404884.8	3778962	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	404934.8	3778962	1.43E-06	2.17YrCanc	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	404984.8	3778962	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	405034.8	3778962	1.19E-06	2.17YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	405084.8	3778962	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	405134.8	3778962	1.33E-06	2.17YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	405184.8	3778962	1.41E-06	2.17YrCanc	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	405234.8	3778962	1.37E-06	2.17YrCanc	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	405284.8	3778962	1.33E-06	2.17YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	405334.8	3778962	1.30E-06	2.17YrCanc	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	405384.8	3778962	1.26E-06	2.17YrCanc	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	405434.8	3778962	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	405484.8	3778962	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	405534.8	3778962	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	405584.8	3778962	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	405634.8	3778962	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	405684.8	3778962	9.57E-07	2.17YrCanc	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	405734.8	3778962	9.03E-07	2.17YrCanc	9.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	405784.8	3778962	8.49E-07	2.17YrCanc	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	405834.8	3778962	7.96E-07	2.17YrCanc	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	405884.8	3778962	7.49E-07	2.17YrCanc	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1011	ALL	405934.8	3778962	7.06E-07	2.17YrCanc	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	405984.8	3778962	6.66E-07	2.17YrCanc	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	404034.8	3779012	4.29E-07	2.17YrCanc	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	404084.8	3779012	4.68E-07	2.17YrCanc	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	404134.8	3779012	5.32E-07	2.17YrCanc	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	404184.8	3779012	6.08E-07	2.17YrCanc	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	404234.8	3779012	6.51E-07	2.17YrCanc	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	404284.8	3779012	6.72E-07	2.17YrCanc	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	404334.8	3779012	7.07E-07	2.17YrCanc	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	404384.8	3779012	7.36E-07	2.17YrCanc	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	404434.8	3779012	7.54E-07	2.17YrCanc	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	404484.8	3779012	8.28E-07	2.17YrCanc	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	404534.8	3779012	8.97E-07	2.17YrCanc	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	404584.8	3779012	9.50E-07	2.17YrCanc	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	404634.8	3779012	9.94E-07	2.17YrCanc	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	404684.8	3779012	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	404734.8	3779012	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	404784.8	3779012	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	404834.8	3779012	1.09E-06	2.17YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	404884.8	3779012	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	404934.8	3779012	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	404984.8	3779012	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	405034.8	3779012	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	405084.8	3779012	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	405134.8	3779012	1.22E-06	2.17YrCanc	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	405184.8	3779012	1.22E-06	2.17YrCanc	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	405234.8	3779012	1.19E-06	2.17YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	405284.8	3779012	1.16E-06	2.17YrCanc	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	405334.8	3779012	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	405384.8	3779012	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	405434.8	3779012	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	405484.8	3779012	1.02E-06	2.17YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	405534.8	3779012	9.91E-07	2.17YrCanc	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	405584.8	3779012	9.55E-07	2.17YrCanc	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	405634.8	3779012	9.18E-07	2.17YrCanc	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	405684.8	3779012	8.82E-07	2.17YrCanc	8.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	405734.8	3779012	8.41E-07	2.17YrCanc	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	405784.8	3779012	7.99E-07	2.17YrCanc	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	405834.8	3779012	7.56E-07	2.17YrCanc	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	405884.8	3779012	7.11E-07	2.17YrCanc	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	405934.8	3779012	6.72E-07	2.17YrCanc	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	405984.8	3779012	6.36E-07	2.17YrCanc	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	404034.8	3779062	3.98E-07	2.17YrCanc	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	404084.8	3779062	4.38E-07	2.17YrCanc	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1055	ALL	404134.8	3779062	5.05E-07	2.17YrCanc	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	404184.8	3779062	5.55E-07	2.17YrCanc	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	404234.8	3779062	5.73E-07	2.17YrCanc	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	404284.8	3779062	6.05E-07	2.17YrCanc	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	404334.8	3779062	6.03E-07	2.17YrCanc	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	404384.8	3779062	6.69E-07	2.17YrCanc	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	404434.8	3779062	7.06E-07	2.17YrCanc	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	404484.8	3779062	7.32E-07	2.17YrCanc	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	404534.8	3779062	7.60E-07	2.17YrCanc	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	404584.8	3779062	7.85E-07	2.17YrCanc	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	404634.8	3779062	7.83E-07	2.17YrCanc	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	404684.8	3779062	7.67E-07	2.17YrCanc	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	404734.8	3779062	7.92E-07	2.17YrCanc	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	404784.8	3779062	8.14E-07	2.17YrCanc	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	404834.8	3779062	8.29E-07	2.17YrCanc	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	404884.8	3779062	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	404934.8	3779062	1.02E-06	2.17YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	404984.8	3779062	1.00E-06	2.17YrCanc	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	405034.8	3779062	1.02E-06	2.17YrCanc	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	405084.8	3779062	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	405134.8	3779062	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	405184.8	3779062	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	405234.8	3779062	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	405284.8	3779062	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	405334.8	3779062	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	405384.8	3779062	9.71E-07	2.17YrCanc	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	405434.8	3779062	9.45E-07	2.17YrCanc	9.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	405484.8	3779062	9.15E-07	2.17YrCanc	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	405534.8	3779062	8.88E-07	2.17YrCanc	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	405584.8	3779062	8.64E-07	2.17YrCanc	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	405634.8	3779062	8.38E-07	2.17YrCanc	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	405684.8	3779062	8.10E-07	2.17YrCanc	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	405734.8	3779062	7.80E-07	2.17YrCanc	7.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	405784.8	3779062	7.47E-07	2.17YrCanc	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	405834.8	3779062	7.12E-07	2.17YrCanc	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	405884.8	3779062	6.75E-07	2.17YrCanc	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	405934.8	3779062	6.40E-07	2.17YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL	405984.8	3779062	6.07E-07	2.17YrCanc	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	404034.8	3779112	3.75E-07	2.17YrCanc	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	404084.8	3779112	4.15E-07	2.17YrCanc	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	404134.8	3779112	4.66E-07	2.17YrCanc	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	404184.8	3779112	5.01E-07	2.17YrCanc	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	404234.8	3779112	5.31E-07	2.17YrCanc	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	404284.8	3779112	5.61E-07	2.17YrCanc	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1099	ALL	404334.8	3779112	5.74E-07	2.17YrCanc	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	404384.8	3779112	5.59E-07	2.17YrCanc	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	404434.8	3779112	5.57E-07	2.17YrCanc	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	404484.8	3779112	5.86E-07	2.17YrCanc	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	404534.8	3779112	6.20E-07	2.17YrCanc	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	404584.8	3779112	6.52E-07	2.17YrCanc	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	404634.8	3779112	6.82E-07	2.17YrCanc	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	404684.8	3779112	7.18E-07	2.17YrCanc	7.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	404734.8	3779112	7.73E-07	2.17YrCanc	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	404784.8	3779112	8.48E-07	2.17YrCanc	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	404834.8	3779112	9.07E-07	2.17YrCanc	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	404884.8	3779112	9.31E-07	2.17YrCanc	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	404934.8	3779112	9.42E-07	2.17YrCanc	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	404984.8	3779112	9.44E-07	2.17YrCanc	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	405034.8	3779112	9.34E-07	2.17YrCanc	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	405084.8	3779112	9.49E-07	2.17YrCanc	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	405134.8	3779112	9.52E-07	2.17YrCanc	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	405184.8	3779112	9.50E-07	2.17YrCanc	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	405234.8	3779112	9.39E-07	2.17YrCanc	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	405284.8	3779112	9.22E-07	2.17YrCanc	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	405334.8	3779112	9.09E-07	2.17YrCanc	9.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	405384.8	3779112	8.76E-07	2.17YrCanc	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	405434.8	3779112	8.46E-07	2.17YrCanc	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	405484.8	3779112	8.23E-07	2.17YrCanc	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	405534.8	3779112	8.03E-07	2.17YrCanc	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	405584.8	3779112	7.83E-07	2.17YrCanc	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	405634.8	3779112	7.64E-07	2.17YrCanc	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	405684.8	3779112	7.42E-07	2.17YrCanc	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	405734.8	3779112	7.19E-07	2.17YrCanc	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	405784.8	3779112	6.95E-07	2.17YrCanc	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	405834.8	3779112	6.68E-07	2.17YrCanc	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	405884.8	3779112	6.40E-07	2.17YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	405934.8	3779112	6.09E-07	2.17YrCanc	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	405984.8	3779112	5.80E-07	2.17YrCanc	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	404034.8	3779162	3.34E-07	2.17YrCanc	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	404084.8	3779162	3.52E-07	2.17YrCanc	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	404134.8	3779162	3.75E-07	2.17YrCanc	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	404184.8	3779162	4.04E-07	2.17YrCanc	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	404234.8	3779162	4.55E-07	2.17YrCanc	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	404284.8	3779162	5.19E-07	2.17YrCanc	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	404334.8	3779162	5.42E-07	2.17YrCanc	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	404384.8	3779162	5.53E-07	2.17YrCanc	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	404434.8	3779162	5.81E-07	2.17YrCanc	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	404484.8	3779162	6.09E-07	2.17YrCanc	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1143	ALL	404534.8	3779162	6.34E-07	2.17YrCanc	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	404584.8	3779162	6.58E-07	2.17YrCanc	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	404634.8	3779162	6.87E-07	2.17YrCanc	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	404684.8	3779162	7.16E-07	2.17YrCanc	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	404734.8	3779162	7.47E-07	2.17YrCanc	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	404784.8	3779162	7.78E-07	2.17YrCanc	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	404834.8	3779162	7.99E-07	2.17YrCanc	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	404884.8	3779162	8.17E-07	2.17YrCanc	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	404934.8	3779162	8.24E-07	2.17YrCanc	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	404984.8	3779162	8.30E-07	2.17YrCanc	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	405034.8	3779162	8.32E-07	2.17YrCanc	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	405084.8	3779162	8.34E-07	2.17YrCanc	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	405134.8	3779162	8.33E-07	2.17YrCanc	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	405184.8	3779162	8.47E-07	2.17YrCanc	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	405234.8	3779162	8.39E-07	2.17YrCanc	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	405284.8	3779162	8.21E-07	2.17YrCanc	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	405334.8	3779162	8.14E-07	2.17YrCanc	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	405384.8	3779162	7.84E-07	2.17YrCanc	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	405434.8	3779162	7.61E-07	2.17YrCanc	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	405484.8	3779162	7.45E-07	2.17YrCanc	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	405534.8	3779162	7.29E-07	2.17YrCanc	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	405584.8	3779162	7.12E-07	2.17YrCanc	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	405634.8	3779162	6.98E-07	2.17YrCanc	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	405684.8	3779162	6.82E-07	2.17YrCanc	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	405734.8	3779162	6.64E-07	2.17YrCanc	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	405784.8	3779162	6.45E-07	2.17YrCanc	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	405834.8	3779162	6.26E-07	2.17YrCanc	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	405884.8	3779162	6.04E-07	2.17YrCanc	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	405934.8	3779162	5.79E-07	2.17YrCanc	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	405984.8	3779162	5.53E-07	2.17YrCanc	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	404034.8	3779212	3.27E-07	2.17YrCanc	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	404084.8	3779212	3.50E-07	2.17YrCanc	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	404134.8	3779212	3.69E-07	2.17YrCanc	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	404184.8	3779212	3.93E-07	2.17YrCanc	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	404234.8	3779212	4.19E-07	2.17YrCanc	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	404284.8	3779212	4.79E-07	2.17YrCanc	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	404334.8	3779212	5.20E-07	2.17YrCanc	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	404384.8	3779212	5.16E-07	2.17YrCanc	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	404434.8	3779212	5.25E-07	2.17YrCanc	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	404484.8	3779212	5.42E-07	2.17YrCanc	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	404534.8	3779212	5.58E-07	2.17YrCanc	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	404584.8	3779212	5.84E-07	2.17YrCanc	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	404634.8	3779212	6.09E-07	2.17YrCanc	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	404684.8	3779212	6.24E-07	2.17YrCanc	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1187	ALL	404734.8	3779212	6.47E-07	2.17YrCanc	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	404784.8	3779212	6.78E-07	2.17YrCanc	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	404834.8	3779212	7.02E-07	2.17YrCanc	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	404884.8	3779212	7.18E-07	2.17YrCanc	7.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	404934.8	3779212	7.28E-07	2.17YrCanc	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	404984.8	3779212	7.37E-07	2.17YrCanc	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	405034.8	3779212	7.37E-07	2.17YrCanc	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	405084.8	3779212	7.42E-07	2.17YrCanc	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	405134.8	3779212	7.51E-07	2.17YrCanc	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	405184.8	3779212	7.59E-07	2.17YrCanc	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	405234.8	3779212	7.52E-07	2.17YrCanc	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	405284.8	3779212	7.81E-07	2.17YrCanc	7.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	405334.8	3779212	7.21E-07	2.17YrCanc	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	405384.8	3779212	7.05E-07	2.17YrCanc	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	405434.8	3779212	6.90E-07	2.17YrCanc	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	405484.8	3779212	6.77E-07	2.17YrCanc	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	405534.8	3779212	6.67E-07	2.17YrCanc	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	405584.8	3779212	6.56E-07	2.17YrCanc	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	405634.8	3779212	6.43E-07	2.17YrCanc	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	405684.8	3779212	6.27E-07	2.17YrCanc	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	405734.8	3779212	6.14E-07	2.17YrCanc	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	405784.8	3779212	5.99E-07	2.17YrCanc	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	405834.8	3779212	5.83E-07	2.17YrCanc	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	405884.8	3779212	5.67E-07	2.17YrCanc	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	405934.8	3779212	5.49E-07	2.17YrCanc	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	405984.8	3779212	5.28E-07	2.17YrCanc	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	404034.8	3779262	3.03E-07	2.17YrCanc	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	404084.8	3779262	3.20E-07	2.17YrCanc	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	404134.8	3779262	3.38E-07	2.17YrCanc	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	404184.8	3779262	3.57E-07	2.17YrCanc	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	404234.8	3779262	3.88E-07	2.17YrCanc	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	404284.8	3779262	4.29E-07	2.17YrCanc	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	404334.8	3779262	4.58E-07	2.17YrCanc	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	404384.8	3779262	4.67E-07	2.17YrCanc	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	404434.8	3779262	4.79E-07	2.17YrCanc	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	404484.8	3779262	4.93E-07	2.17YrCanc	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	404534.8	3779262	5.06E-07	2.17YrCanc	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	404584.8	3779262	5.25E-07	2.17YrCanc	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	404634.8	3779262	5.46E-07	2.17YrCanc	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	404684.8	3779262	5.66E-07	2.17YrCanc	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	404734.8	3779262	5.86E-07	2.17YrCanc	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	404784.8	3779262	6.05E-07	2.17YrCanc	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	404834.8	3779262	6.18E-07	2.17YrCanc	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	404884.8	3779262	6.34E-07	2.17YrCanc	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1231	ALL	404934.8	3779262	6.40E-07	2.17YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	404984.8	3779262	6.44E-07	2.17YrCanc	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	405034.8	3779262	6.40E-07	2.17YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	405084.8	3779262	6.52E-07	2.17YrCanc	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	405134.8	3779262	6.56E-07	2.17YrCanc	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	405184.8	3779262	6.75E-07	2.17YrCanc	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	405234.8	3779262	6.76E-07	2.17YrCanc	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	405284.8	3779262	6.71E-07	2.17YrCanc	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	405334.8	3779262	6.50E-07	2.17YrCanc	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	405384.8	3779262	6.41E-07	2.17YrCanc	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	405434.8	3779262	6.30E-07	2.17YrCanc	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	405484.8	3779262	6.20E-07	2.17YrCanc	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	405534.8	3779262	6.11E-07	2.17YrCanc	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	405584.8	3779262	6.02E-07	2.17YrCanc	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	405634.8	3779262	5.91E-07	2.17YrCanc	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	405684.8	3779262	5.80E-07	2.17YrCanc	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	405734.8	3779262	5.67E-07	2.17YrCanc	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	405784.8	3779262	5.55E-07	2.17YrCanc	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	405834.8	3779262	5.43E-07	2.17YrCanc	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	405884.8	3779262	5.31E-07	2.17YrCanc	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	405934.8	3779262	5.15E-07	2.17YrCanc	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	405984.8	3779262	5.00E-07	2.17YrCanc	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	404034.8	3779312	2.80E-07	2.17YrCanc	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	404084.8	3779312	2.94E-07	2.17YrCanc	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	404134.8	3779312	3.10E-07	2.17YrCanc	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	404184.8	3779312	3.33E-07	2.17YrCanc	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	404234.8	3779312	3.51E-07	2.17YrCanc	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	404284.8	3779312	3.74E-07	2.17YrCanc	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	404334.8	3779312	4.10E-07	2.17YrCanc	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	404384.8	3779312	4.39E-07	2.17YrCanc	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	404434.8	3779312	4.32E-07	2.17YrCanc	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	404484.8	3779312	4.42E-07	2.17YrCanc	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	404534.8	3779312	4.54E-07	2.17YrCanc	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	404584.8	3779312	4.70E-07	2.17YrCanc	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	404634.8	3779312	4.88E-07	2.17YrCanc	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	404684.8	3779312	5.02E-07	2.17YrCanc	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	404734.8	3779312	5.19E-07	2.17YrCanc	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	404784.8	3779312	5.33E-07	2.17YrCanc	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	404834.8	3779312	5.50E-07	2.17YrCanc	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	404884.8	3779312	5.64E-07	2.17YrCanc	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	404934.8	3779312	5.63E-07	2.17YrCanc	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	404984.8	3779312	5.62E-07	2.17YrCanc	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	405034.8	3779312	5.64E-07	2.17YrCanc	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL	405084.8	3779312	5.88E-07	2.17YrCanc	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1275	ALL	405134.8	3779312	5.88E-07	2.17YrCanc	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	405184.8	3779312	6.01E-07	2.17YrCanc	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	405234.8	3779312	5.98E-07	2.17YrCanc	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	405284.8	3779312	6.09E-07	2.17YrCanc	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	405334.8	3779312	5.83E-07	2.17YrCanc	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	405384.8	3779312	5.79E-07	2.17YrCanc	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	405434.8	3779312	5.70E-07	2.17YrCanc	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	405484.8	3779312	5.66E-07	2.17YrCanc	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	405534.8	3779312	5.61E-07	2.17YrCanc	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	405584.8	3779312	5.53E-07	2.17YrCanc	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	405634.8	3779312	5.42E-07	2.17YrCanc	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	405684.8	3779312	5.31E-07	2.17YrCanc	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	405734.8	3779312	5.23E-07	2.17YrCanc	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	405784.8	3779312	5.16E-07	2.17YrCanc	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	405834.8	3779312	5.07E-07	2.17YrCanc	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	405884.8	3779312	4.96E-07	2.17YrCanc	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	405934.8	3779312	4.85E-07	2.17YrCanc	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	405984.8	3779312	4.74E-07	2.17YrCanc	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	404970.8	3778739	3.54E-06	2.17YrCanc	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	405010.6	3778742	3.46E-06	2.17YrCanc	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	405047	3778741	3.41E-06	2.17YrCanc	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	405085	3778742	3.36E-06	2.17YrCanc	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	405131.8	3778741	3.23E-06	2.17YrCanc	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	405211.4	3778744	2.93E-06	2.17YrCanc	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	405252.9	3778742	2.80E-06	2.17YrCanc	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	405299.7	3778744	2.59E-06	2.17YrCanc	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	405346.4	3778746	2.40E-06	2.17YrCanc	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	404752.3	3778406	8.45E-06	2.17YrCanc	8.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	404831.9	3778588	6.59E-06	2.17YrCanc	6.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

9.52E-06
9.52E+00

Non Cancer Chronic
HARP2 Output File

HARP2 - HRACalc (dated 21081) 1/27/2022 3:06:36 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\AlexanArcadiaB\ALEXANARCADIA\hra\NCChronicNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\AlexanArcadiaB\ALEXANARCADIA\hra\NCChronicNCChronicRiskSumByRec.csv
HRA ran successfully

Non Cancer Chronic
HARP2 SumbyRec File

*HARP - HRACalc v21081 1/27/2022 3:06:36 PM - Chronic Risk - Input File: C:\Users\dlarocca\Desktop\Air Quality Work\HARP2\AlexanArcadiaB\ALEXANARCADIA\hra\NCChronicHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		404034.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
2	ALL		404084.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
3	ALL		404134.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
4	ALL		404184.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
5	ALL		404234.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
6	ALL		404284.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
7	ALL		404334.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
8	ALL		404384.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
9	ALL		404434.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
10	ALL		404484.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
11	ALL		404534.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
12	ALL		404584.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
13	ALL		404634.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
14	ALL		404684.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
15	ALL		404734.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
16	ALL		404784.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
17	ALL		404834.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
18	ALL		404884.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
19	ALL		404934.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
20	ALL		404984.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
21	ALL		405034.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
22	ALL		405084.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
23	ALL		405134.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
24	ALL		405184.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04
25	ALL		405234.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
26	ALL		405284.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
27	ALL		405334.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
28	ALL		405384.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
29	ALL		405434.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
30	ALL		405484.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
31	ALL		405534.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
32	ALL		405584.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
33	ALL		405634.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
34	ALL		405684.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
35	ALL		405734.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
36	ALL		405784.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
37	ALL		405834.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
38	ALL		405884.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
39	ALL		405934.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
40	ALL		405984.8	3777362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
41	ALL		404034.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
42	ALL		404084.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
43	ALL		404134.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
44	ALL		404184.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
45	ALL		404234.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
46	ALL		404284.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
47	ALL		404334.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
48	ALL		404384.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04

49	ALL	404434.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
50	ALL	404484.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
51	ALL	404534.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
52	ALL	404584.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
53	ALL	404634.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
54	ALL	404684.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
55	ALL	404734.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
56	ALL	404784.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
57	ALL	404834.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
58	ALL	404884.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
59	ALL	404934.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
60	ALL	404984.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
61	ALL	405034.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
62	ALL	405084.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
63	ALL	405134.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
64	ALL	405184.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
65	ALL	405234.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
66	ALL	405284.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
67	ALL	405334.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
68	ALL	405384.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
69	ALL	405434.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
70	ALL	405484.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
71	ALL	405534.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
72	ALL	405584.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
73	ALL	405634.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
74	ALL	405684.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
75	ALL	405734.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
76	ALL	405784.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
77	ALL	405834.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
78	ALL	405884.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
79	ALL	405934.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
80	ALL	405984.8	3777412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
81	ALL	404034.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
82	ALL	404084.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
83	ALL	404134.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
84	ALL	404184.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
85	ALL	404234.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
86	ALL	404284.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
87	ALL	404334.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
88	ALL	404384.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
89	ALL	404434.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
90	ALL	404484.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
91	ALL	404534.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
92	ALL	404584.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
93	ALL	404634.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
94	ALL	404684.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
95	ALL	404734.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
96	ALL	404784.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
97	ALL	404834.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
98	ALL	404884.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04

99	ALL	404934.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
100	ALL	404984.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
101	ALL	405034.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
102	ALL	405084.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
103	ALL	405134.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
104	ALL	405184.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
105	ALL	405234.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
106	ALL	405284.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
107	ALL	405334.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
108	ALL	405384.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
109	ALL	405434.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
110	ALL	405484.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
111	ALL	405534.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
112	ALL	405584.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
113	ALL	405634.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
114	ALL	405684.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
115	ALL	405734.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
116	ALL	405784.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
117	ALL	405834.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
118	ALL	405884.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
119	ALL	405934.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
120	ALL	405984.8	3777462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
121	ALL	404034.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
122	ALL	404084.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
123	ALL	404134.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
124	ALL	404184.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
125	ALL	404234.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
126	ALL	404284.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
127	ALL	404334.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
128	ALL	404384.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
129	ALL	404434.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
130	ALL	404484.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
131	ALL	404534.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
132	ALL	404584.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
133	ALL	404634.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
134	ALL	404684.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
135	ALL	404734.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
136	ALL	404784.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
137	ALL	404834.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
138	ALL	404884.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
139	ALL	404934.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
140	ALL	404984.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
141	ALL	405034.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
142	ALL	405084.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
143	ALL	405134.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
144	ALL	405184.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
145	ALL	405234.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
146	ALL	405284.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
147	ALL	405334.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
148	ALL	405384.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04

149	ALL	405434.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
150	ALL	405484.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
151	ALL	405534.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
152	ALL	405584.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
153	ALL	405634.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
154	ALL	405684.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
155	ALL	405734.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
156	ALL	405784.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
157	ALL	405834.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
158	ALL	405884.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
159	ALL	405934.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
160	ALL	405984.8	3777512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
161	ALL	404034.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
162	ALL	404084.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
163	ALL	404134.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
164	ALL	404184.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
165	ALL	404234.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
166	ALL	404284.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
167	ALL	404334.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
168	ALL	404384.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
169	ALL	404434.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
170	ALL	404484.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
171	ALL	404534.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
172	ALL	404584.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
173	ALL	404634.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
174	ALL	404684.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
175	ALL	404734.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-04
176	ALL	404784.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
177	ALL	404834.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
178	ALL	404884.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
179	ALL	404934.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04
180	ALL	404984.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
181	ALL	405034.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04
182	ALL	405084.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
183	ALL	405134.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04
184	ALL	405184.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
185	ALL	405234.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
186	ALL	405284.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
187	ALL	405334.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
188	ALL	405384.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
189	ALL	405434.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
190	ALL	405484.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
191	ALL	405534.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
192	ALL	405584.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
193	ALL	405634.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
194	ALL	405684.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
195	ALL	405734.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
196	ALL	405784.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
197	ALL	405834.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
198	ALL	405884.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04

199	ALL	405934.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
200	ALL	405984.8	3777562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
201	ALL	404034.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
202	ALL	404084.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
203	ALL	404134.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
204	ALL	404184.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
205	ALL	404234.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
206	ALL	404284.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
207	ALL	404334.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
208	ALL	404384.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
209	ALL	404434.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
210	ALL	404484.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
211	ALL	404534.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
212	ALL	404584.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
213	ALL	404634.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
214	ALL	404684.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
215	ALL	404734.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
216	ALL	404784.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
217	ALL	404834.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
218	ALL	404884.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04
219	ALL	404934.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04
220	ALL	404984.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04
221	ALL	405034.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04
222	ALL	405084.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
223	ALL	405134.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-04
224	ALL	405184.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
225	ALL	405234.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
226	ALL	405284.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
227	ALL	405334.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
228	ALL	405384.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
229	ALL	405434.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
230	ALL	405484.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
231	ALL	405534.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
232	ALL	405584.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
233	ALL	405634.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
234	ALL	405684.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
235	ALL	405734.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
236	ALL	405784.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
237	ALL	405834.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
238	ALL	405884.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
239	ALL	405934.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
240	ALL	405984.8	3777612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
241	ALL	404034.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
242	ALL	404084.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
243	ALL	404134.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
244	ALL	404184.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
245	ALL	404234.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
246	ALL	404284.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
247	ALL	404334.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
248	ALL	404384.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04

249	ALL	404434.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
250	ALL	404484.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
251	ALL	404534.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
252	ALL	404584.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
253	ALL	404634.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
254	ALL	404684.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
255	ALL	404734.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-04
256	ALL	404784.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
257	ALL	404834.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04
258	ALL	404884.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04
259	ALL	404934.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-04
260	ALL	404984.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04
261	ALL	405034.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-04
262	ALL	405084.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
263	ALL	405134.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04
264	ALL	405184.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
265	ALL	405234.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
266	ALL	405284.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
267	ALL	405334.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04
268	ALL	405384.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
269	ALL	405434.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
270	ALL	405484.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
271	ALL	405534.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
272	ALL	405584.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
273	ALL	405634.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
274	ALL	405684.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
275	ALL	405734.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
276	ALL	405784.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
277	ALL	405834.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
278	ALL	405884.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
279	ALL	405934.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
280	ALL	405984.8	3777662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
281	ALL	404034.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
282	ALL	404084.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
283	ALL	404134.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
284	ALL	404184.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
285	ALL	404234.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
286	ALL	404284.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
287	ALL	404334.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
288	ALL	404384.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
289	ALL	404434.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
290	ALL	404484.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
291	ALL	404534.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
292	ALL	404584.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
293	ALL	404634.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
294	ALL	404684.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04
295	ALL	404734.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
296	ALL	404784.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04
297	ALL	404834.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
298	ALL	404884.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04

299	ALL	404934.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
300	ALL	404984.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
301	ALL	405034.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
302	ALL	405084.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
303	ALL	405134.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04
304	ALL	405184.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-04
305	ALL	405234.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-04
306	ALL	405284.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
307	ALL	405334.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-04
308	ALL	405384.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
309	ALL	405434.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
310	ALL	405484.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
311	ALL	405534.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
312	ALL	405584.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
313	ALL	405634.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
314	ALL	405684.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
315	ALL	405734.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
316	ALL	405784.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
317	ALL	405834.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
318	ALL	405884.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
319	ALL	405934.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
320	ALL	405984.8	3777712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
321	ALL	404034.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
322	ALL	404084.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
323	ALL	404134.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
324	ALL	404184.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
325	ALL	404234.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
326	ALL	404284.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
327	ALL	404334.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
328	ALL	404384.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
329	ALL	404434.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
330	ALL	404484.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
331	ALL	404534.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
332	ALL	404584.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
333	ALL	404634.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
334	ALL	404684.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
335	ALL	404734.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-04
336	ALL	404784.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
337	ALL	404834.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
338	ALL	404884.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
339	ALL	404934.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
340	ALL	404984.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
341	ALL	405034.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
342	ALL	405084.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
343	ALL	405134.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
344	ALL	405184.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
345	ALL	405234.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
346	ALL	405284.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
347	ALL	405334.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04
348	ALL	405384.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04

349	ALL	405434.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-04
350	ALL	405484.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
351	ALL	405534.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04
352	ALL	405584.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
353	ALL	405634.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
354	ALL	405684.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
355	ALL	405734.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
356	ALL	405784.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
357	ALL	405834.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
358	ALL	405884.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
359	ALL	405934.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
360	ALL	405984.8	3777762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
361	ALL	404034.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
362	ALL	404084.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
363	ALL	404134.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
364	ALL	404184.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
365	ALL	404234.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
366	ALL	404284.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
367	ALL	404334.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
368	ALL	404384.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04
369	ALL	404434.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
370	ALL	404484.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
371	ALL	404534.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04
372	ALL	404584.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04
373	ALL	404634.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
374	ALL	404684.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
375	ALL	404734.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
376	ALL	404784.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
377	ALL	404834.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
378	ALL	404884.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
379	ALL	404934.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
380	ALL	404984.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
381	ALL	405034.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
382	ALL	405084.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
383	ALL	405134.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
384	ALL	405184.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
385	ALL	405234.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
386	ALL	405284.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
387	ALL	405334.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04
388	ALL	405384.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04
389	ALL	405434.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04
390	ALL	405484.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04
391	ALL	405534.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
392	ALL	405584.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
393	ALL	405634.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
394	ALL	405684.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
395	ALL	405734.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
396	ALL	405784.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
397	ALL	405834.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
398	ALL	405884.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04

399	ALL	405934.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
400	ALL	405984.8	3777812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
401	ALL	404034.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
402	ALL	404084.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
403	ALL	404134.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
404	ALL	404184.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
405	ALL	404234.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
406	ALL	404284.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
407	ALL	404334.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
408	ALL	404384.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
409	ALL	404434.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04
410	ALL	404484.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
411	ALL	404534.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
412	ALL	404584.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04
413	ALL	404634.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
414	ALL	404684.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
415	ALL	404734.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
416	ALL	404784.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
417	ALL	404834.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
418	ALL	404884.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
419	ALL	404934.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
420	ALL	404984.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
421	ALL	405034.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
422	ALL	405084.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
423	ALL	405134.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
424	ALL	405184.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
425	ALL	405234.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
426	ALL	405284.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
427	ALL	405334.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
428	ALL	405384.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04
429	ALL	405434.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04
430	ALL	405484.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04
431	ALL	405534.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
432	ALL	405584.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
433	ALL	405634.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04
434	ALL	405684.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
435	ALL	405734.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
436	ALL	405784.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
437	ALL	405834.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
438	ALL	405884.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04
439	ALL	405934.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
440	ALL	405984.8	3777862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
441	ALL	404034.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
442	ALL	404084.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
443	ALL	404134.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
444	ALL	404184.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
445	ALL	404234.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
446	ALL	404284.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
447	ALL	404334.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
448	ALL	404384.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04

449	ALL	404434.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
450	ALL	404484.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04
451	ALL	404534.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
452	ALL	404584.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
453	ALL	404634.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
454	ALL	404684.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
455	ALL	404734.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
456	ALL	404784.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
457	ALL	404834.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
458	ALL	404884.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
459	ALL	404934.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
460	ALL	404984.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
461	ALL	405034.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
462	ALL	405084.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
463	ALL	405134.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
464	ALL	405184.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
465	ALL	405234.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
466	ALL	405284.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
467	ALL	405334.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
468	ALL	405384.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
469	ALL	405434.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
470	ALL	405484.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04
471	ALL	405534.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04
472	ALL	405584.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04
473	ALL	405634.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
474	ALL	405684.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
475	ALL	405734.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
476	ALL	405784.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
477	ALL	405834.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
478	ALL	405884.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
479	ALL	405934.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
480	ALL	405984.8	3777912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
481	ALL	404034.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
482	ALL	404084.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04
483	ALL	404134.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
484	ALL	404184.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
485	ALL	404234.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
486	ALL	404284.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
487	ALL	404334.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
488	ALL	404384.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-04
489	ALL	404434.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
490	ALL	404484.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
491	ALL	404534.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
492	ALL	404584.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
493	ALL	404634.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
494	ALL	404684.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
495	ALL	404734.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
496	ALL	404784.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
497	ALL	404834.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
498	ALL	404884.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03

499	ALL	404934.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
500	ALL	404984.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
501	ALL	405034.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
502	ALL	405084.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
503	ALL	405134.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
504	ALL	405184.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
505	ALL	405234.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
506	ALL	405284.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
507	ALL	405334.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
508	ALL	405384.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
509	ALL	405434.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
510	ALL	405484.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
511	ALL	405534.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
512	ALL	405584.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04
513	ALL	405634.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
514	ALL	405684.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
515	ALL	405734.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04
516	ALL	405784.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
517	ALL	405834.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
518	ALL	405884.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
519	ALL	405934.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
520	ALL	405984.8	3777962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
521	ALL	404034.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
522	ALL	404084.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
523	ALL	404134.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04
524	ALL	404184.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
525	ALL	404234.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
526	ALL	404284.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
527	ALL	404334.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04
528	ALL	404384.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
529	ALL	404434.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04
530	ALL	404484.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
531	ALL	404534.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
532	ALL	404584.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
533	ALL	404634.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
534	ALL	404684.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
535	ALL	404734.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
536	ALL	404784.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
537	ALL	404834.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
538	ALL	404884.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
539	ALL	404934.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
540	ALL	404984.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
541	ALL	405034.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
542	ALL	405084.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
543	ALL	405134.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03
544	ALL	405184.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
545	ALL	405234.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
546	ALL	405284.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
547	ALL	405334.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
548	ALL	405384.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03

549	ALL	405434.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
550	ALL	405484.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
551	ALL	405534.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-04
552	ALL	405584.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
553	ALL	405634.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
554	ALL	405684.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
555	ALL	405734.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
556	ALL	405784.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04
557	ALL	405834.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
558	ALL	405884.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
559	ALL	405934.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
560	ALL	405984.8	3778012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
561	ALL	404034.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
562	ALL	404084.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
563	ALL	404134.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
564	ALL	404184.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
565	ALL	404234.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
566	ALL	404284.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
567	ALL	404334.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04
568	ALL	404384.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04
569	ALL	404434.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04
570	ALL	404484.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
571	ALL	404534.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
572	ALL	404584.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
573	ALL	404634.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
574	ALL	404684.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
575	ALL	404734.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
576	ALL	404784.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
577	ALL	404834.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
578	ALL	404884.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
579	ALL	404934.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03
580	ALL	404984.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
581	ALL	405034.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
582	ALL	405084.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
583	ALL	405134.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
584	ALL	405184.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
585	ALL	405234.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
586	ALL	405284.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
587	ALL	405334.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
588	ALL	405384.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
589	ALL	405434.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
590	ALL	405484.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
591	ALL	405534.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
592	ALL	405584.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
593	ALL	405634.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04
594	ALL	405684.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
595	ALL	405734.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
596	ALL	405784.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
597	ALL	405834.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
598	ALL	405884.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04

599	ALL	405934.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
600	ALL	405984.8	3778062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
601	ALL	404034.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
602	ALL	404084.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
603	ALL	404134.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
604	ALL	404184.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
605	ALL	404234.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
606	ALL	404284.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
607	ALL	404334.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04
608	ALL	404384.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04
609	ALL	404434.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
610	ALL	404484.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
611	ALL	404534.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
612	ALL	404584.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
613	ALL	404634.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
614	ALL	404684.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
615	ALL	404734.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
616	ALL	404784.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
617	ALL	404834.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
618	ALL	404884.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03
619	ALL	404934.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03
620	ALL	404984.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
621	ALL	405034.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03
622	ALL	405084.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-03
623	ALL	405134.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
624	ALL	405184.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
625	ALL	405234.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
626	ALL	405284.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
627	ALL	405334.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
628	ALL	405384.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
629	ALL	405434.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
630	ALL	405484.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
631	ALL	405534.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
632	ALL	405584.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04
633	ALL	405634.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
634	ALL	405684.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
635	ALL	405734.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
636	ALL	405784.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
637	ALL	405834.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
638	ALL	405884.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
639	ALL	405934.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
640	ALL	405984.8	3778112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
641	ALL	404034.8	3778162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
642	ALL	404084.8	3778162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
643	ALL	404134.8	3778162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
644	ALL	404184.8	3778162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
645	ALL	404234.8	3778162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-04
646	ALL	404284.8	3778162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
647	ALL	404334.8	3778162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04
648	ALL	404034.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04

649	ALL	404084.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
650	ALL	404134.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
651	ALL	404184.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04
652	ALL	404234.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04
653	ALL	404284.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04
654	ALL	404334.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04
655	ALL	404384.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
656	ALL	404434.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
657	ALL	404484.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
658	ALL	404534.8	3778212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
659	ALL	404034.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
660	ALL	404084.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
661	ALL	404134.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
662	ALL	404184.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
663	ALL	404234.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
664	ALL	404284.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
665	ALL	404334.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-04
666	ALL	404384.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
667	ALL	404434.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
668	ALL	404484.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
669	ALL	404534.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
670	ALL	404584.8	3778262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
671	ALL	404034.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
672	ALL	404084.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
673	ALL	404134.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
674	ALL	404184.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
675	ALL	404234.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
676	ALL	404284.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04
677	ALL	404334.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04
678	ALL	404384.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
679	ALL	404434.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
680	ALL	404484.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
681	ALL	404534.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
682	ALL	404584.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
683	ALL	404634.8	3778312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
684	ALL	404034.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
685	ALL	404084.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
686	ALL	404134.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
687	ALL	404184.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
688	ALL	404234.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04
689	ALL	404284.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04
690	ALL	404334.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
691	ALL	404384.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
692	ALL	404434.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
693	ALL	404484.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
694	ALL	404534.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
695	ALL	404584.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
696	ALL	404634.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
697	ALL	404684.8	3778362	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
698	ALL	404034.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04

699	ALL	404084.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
700	ALL	404134.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
701	ALL	404184.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04
702	ALL	404234.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
703	ALL	404284.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
704	ALL	404334.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
705	ALL	404384.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
706	ALL	404434.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
707	ALL	404484.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
708	ALL	404534.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
709	ALL	404584.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
710	ALL	404634.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
711	ALL	404684.8	3778412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
712	ALL	404034.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
713	ALL	404084.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
714	ALL	404134.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
715	ALL	404184.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
716	ALL	404234.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
717	ALL	404284.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
718	ALL	404334.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
719	ALL	404384.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
720	ALL	404434.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
721	ALL	404484.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
722	ALL	404534.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
723	ALL	404584.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
724	ALL	404634.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
725	ALL	404684.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
726	ALL	405984.8	3778462	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
727	ALL	404034.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
728	ALL	404084.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
729	ALL	404134.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
730	ALL	404184.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
731	ALL	404234.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
732	ALL	404284.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04
733	ALL	404334.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04
734	ALL	404384.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04
735	ALL	404434.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
736	ALL	404484.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
737	ALL	404534.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
738	ALL	404584.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
739	ALL	404634.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
740	ALL	404684.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
741	ALL	405884.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
742	ALL	405934.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
743	ALL	405984.8	3778512	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
744	ALL	404034.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
745	ALL	404084.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
746	ALL	404134.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
747	ALL	404184.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
748	ALL	404234.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04

749	ALL	404284.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
750	ALL	404334.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04
751	ALL	404384.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04
752	ALL	404434.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
753	ALL	404484.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
754	ALL	404534.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
755	ALL	404584.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
756	ALL	404634.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
757	ALL	404684.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
758	ALL	405784.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
759	ALL	405834.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
760	ALL	405884.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
761	ALL	405934.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
762	ALL	405984.8	3778562	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
763	ALL	404034.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
764	ALL	404084.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
765	ALL	404134.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
766	ALL	404184.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
767	ALL	404234.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
768	ALL	404284.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04
769	ALL	404334.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04
770	ALL	404384.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04
771	ALL	404434.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
772	ALL	404484.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
773	ALL	404534.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
774	ALL	404584.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
775	ALL	404634.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
776	ALL	404684.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
777	ALL	405734.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
778	ALL	405784.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04
779	ALL	405834.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
780	ALL	405884.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
781	ALL	405934.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
782	ALL	405984.8	3778612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
783	ALL	404034.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
784	ALL	404084.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
785	ALL	404134.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
786	ALL	404184.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
787	ALL	404234.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
788	ALL	404284.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
789	ALL	404334.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
790	ALL	404384.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
791	ALL	404434.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04
792	ALL	404484.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
793	ALL	404534.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
794	ALL	404584.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
795	ALL	404634.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
796	ALL	404684.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
797	ALL	405634.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
798	ALL	405684.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04

799	ALL	405734.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
800	ALL	405784.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
801	ALL	405834.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
802	ALL	405884.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
803	ALL	405934.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
804	ALL	405984.8	3778662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
805	ALL	404034.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
806	ALL	404084.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
807	ALL	404134.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
808	ALL	404184.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
809	ALL	404234.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
810	ALL	404284.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04
811	ALL	404334.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
812	ALL	404384.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04
813	ALL	404434.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04
814	ALL	404484.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04
815	ALL	404534.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
816	ALL	404584.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
817	ALL	404634.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
818	ALL	404684.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
819	ALL	405534.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
820	ALL	405584.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-04
821	ALL	405634.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
822	ALL	405684.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
823	ALL	405734.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
824	ALL	405784.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
825	ALL	405834.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
826	ALL	405884.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
827	ALL	405934.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
828	ALL	405984.8	3778712	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
829	ALL	404034.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
830	ALL	404084.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
831	ALL	404134.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
832	ALL	404184.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
833	ALL	404234.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
834	ALL	404284.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
835	ALL	404334.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-04
836	ALL	404384.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04
837	ALL	404434.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
838	ALL	404484.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
839	ALL	404534.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04
840	ALL	404584.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
841	ALL	404634.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
842	ALL	404684.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
843	ALL	405484.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
844	ALL	405534.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04
845	ALL	405584.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-04
846	ALL	405634.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
847	ALL	405684.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04
848	ALL	405734.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04

849	ALL	405784.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
850	ALL	405834.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
851	ALL	405884.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
852	ALL	405934.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
853	ALL	405984.8	3778762	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
854	ALL	404034.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
855	ALL	404084.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
856	ALL	404134.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
857	ALL	404184.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
858	ALL	404234.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
859	ALL	404284.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
860	ALL	404334.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04
861	ALL	404384.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
862	ALL	404434.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
863	ALL	404484.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04
864	ALL	404534.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04
865	ALL	404584.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04
866	ALL	404634.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04
867	ALL	404684.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
868	ALL	404734.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
869	ALL	404784.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
870	ALL	404834.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
871	ALL	404884.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
872	ALL	404934.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
873	ALL	404984.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
874	ALL	405034.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
875	ALL	405084.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
876	ALL	405134.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
877	ALL	405184.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
878	ALL	405234.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
879	ALL	405284.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
880	ALL	405384.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
881	ALL	405434.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
882	ALL	405484.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
883	ALL	405534.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04
884	ALL	405584.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
885	ALL	405634.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
886	ALL	405684.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
887	ALL	405734.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04
888	ALL	405784.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
889	ALL	405834.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
890	ALL	405884.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
891	ALL	405934.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
892	ALL	405984.8	3778812	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
893	ALL	404034.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
894	ALL	404084.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
895	ALL	404134.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
896	ALL	404184.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
897	ALL	404234.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
898	ALL	404284.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04

899	ALL	404334.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
900	ALL	404384.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
901	ALL	404434.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
902	ALL	404484.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
903	ALL	404534.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04
904	ALL	404584.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04
905	ALL	404634.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04
906	ALL	404684.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
907	ALL	404734.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04
908	ALL	404784.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
909	ALL	404834.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
910	ALL	404884.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
911	ALL	404934.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
912	ALL	404984.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
913	ALL	405034.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
914	ALL	405084.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
915	ALL	405134.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
916	ALL	405184.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
917	ALL	405234.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04
918	ALL	405284.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
919	ALL	405334.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
920	ALL	405384.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04
921	ALL	405434.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-04
922	ALL	405484.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
923	ALL	405534.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
924	ALL	405584.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
925	ALL	405634.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04
926	ALL	405684.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
927	ALL	405734.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04
928	ALL	405784.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
929	ALL	405834.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
930	ALL	405884.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
931	ALL	405934.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
932	ALL	405984.8	3778862	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
933	ALL	404034.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
934	ALL	404084.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
935	ALL	404134.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
936	ALL	404184.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
937	ALL	404234.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
938	ALL	404284.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
939	ALL	404334.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
940	ALL	404384.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
941	ALL	404434.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04
942	ALL	404484.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
943	ALL	404534.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
944	ALL	404584.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
945	ALL	404634.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
946	ALL	404684.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
947	ALL	404734.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
948	ALL	404784.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04

949	ALL	404834.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04
950	ALL	404884.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04
951	ALL	404934.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
952	ALL	404984.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04
953	ALL	405034.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04
954	ALL	405084.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
955	ALL	405134.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
956	ALL	405184.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
957	ALL	405234.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04
958	ALL	405284.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-04
959	ALL	405334.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
960	ALL	405384.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04
961	ALL	405434.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-04
962	ALL	405484.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04
963	ALL	405534.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04
964	ALL	405584.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
965	ALL	405634.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
966	ALL	405684.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
967	ALL	405734.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
968	ALL	405784.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
969	ALL	405834.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
970	ALL	405884.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
971	ALL	405934.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
972	ALL	405984.8	3778912	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
973	ALL	404034.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
974	ALL	404084.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
975	ALL	404134.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
976	ALL	404184.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
977	ALL	404234.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
978	ALL	404284.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
979	ALL	404334.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
980	ALL	404384.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
981	ALL	404434.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
982	ALL	404484.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
983	ALL	404534.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
984	ALL	404584.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
985	ALL	404634.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
986	ALL	404684.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
987	ALL	404734.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
988	ALL	404784.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
989	ALL	404834.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04
990	ALL	404884.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
991	ALL	404934.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04
992	ALL	404984.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
993	ALL	405034.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
994	ALL	405084.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04
995	ALL	405134.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
996	ALL	405184.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04
997	ALL	405234.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
998	ALL	405284.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04

999	ALL	405334.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04
1000	ALL	405384.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
1001	ALL	405434.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-04
1002	ALL	405484.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
1003	ALL	405534.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
1004	ALL	405584.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
1005	ALL	405634.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
1006	ALL	405684.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
1007	ALL	405734.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
1008	ALL	405784.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
1009	ALL	405834.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04
1010	ALL	405884.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
1011	ALL	405934.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1012	ALL	405984.8	3778962	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
1013	ALL	404034.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1014	ALL	404084.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1015	ALL	404134.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
1016	ALL	404184.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1017	ALL	404234.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
1018	ALL	404284.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
1019	ALL	404334.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1020	ALL	404384.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
1021	ALL	404434.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
1022	ALL	404484.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
1023	ALL	404534.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
1024	ALL	404584.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
1025	ALL	404634.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
1026	ALL	404684.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
1027	ALL	404734.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
1028	ALL	404784.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04
1029	ALL	404834.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
1030	ALL	404884.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
1031	ALL	404934.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
1032	ALL	404984.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
1033	ALL	405034.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
1034	ALL	405084.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
1035	ALL	405134.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
1036	ALL	405184.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
1037	ALL	405234.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
1038	ALL	405284.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
1039	ALL	405334.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
1040	ALL	405384.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
1041	ALL	405434.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
1042	ALL	405484.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04
1043	ALL	405534.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
1044	ALL	405584.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
1045	ALL	405634.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
1046	ALL	405684.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
1047	ALL	405734.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
1048	ALL	405784.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04

1049	ALL	405834.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
1050	ALL	405884.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
1051	ALL	405934.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
1052	ALL	405984.8	3779012	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
1053	ALL	404034.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1054	ALL	404084.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
1055	ALL	404134.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1056	ALL	404184.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
1057	ALL	404234.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
1058	ALL	404284.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
1059	ALL	404334.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1060	ALL	404384.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
1061	ALL	404434.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1062	ALL	404484.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
1063	ALL	404534.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
1064	ALL	404584.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
1065	ALL	404634.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
1066	ALL	404684.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1067	ALL	404734.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
1068	ALL	404784.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
1069	ALL	404834.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
1070	ALL	404884.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
1071	ALL	404934.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
1072	ALL	404984.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
1073	ALL	405034.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04
1074	ALL	405084.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
1075	ALL	405134.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
1076	ALL	405184.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
1077	ALL	405234.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04
1078	ALL	405284.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
1079	ALL	405334.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
1080	ALL	405384.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04
1081	ALL	405434.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04
1082	ALL	405484.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
1083	ALL	405534.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
1084	ALL	405584.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
1085	ALL	405634.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
1086	ALL	405684.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
1087	ALL	405734.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
1088	ALL	405784.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
1089	ALL	405834.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
1090	ALL	405884.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
1091	ALL	405934.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1092	ALL	405984.8	3779062	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
1093	ALL	404034.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
1094	ALL	404084.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
1095	ALL	404134.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1096	ALL	404184.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1097	ALL	404234.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
1098	ALL	404284.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04

1099	ALL	404334.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
1100	ALL	404384.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1101	ALL	404434.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1102	ALL	404484.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1103	ALL	404534.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1104	ALL	404584.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
1105	ALL	404634.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1106	ALL	404684.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
1107	ALL	404734.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
1108	ALL	404784.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
1109	ALL	404834.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
1110	ALL	404884.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
1111	ALL	404934.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
1112	ALL	404984.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04
1113	ALL	405034.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
1114	ALL	405084.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
1115	ALL	405134.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
1116	ALL	405184.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
1117	ALL	405234.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
1118	ALL	405284.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
1119	ALL	405334.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
1120	ALL	405384.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
1121	ALL	405434.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
1122	ALL	405484.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
1123	ALL	405534.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
1124	ALL	405584.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
1125	ALL	405634.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
1126	ALL	405684.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
1127	ALL	405734.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
1128	ALL	405784.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
1129	ALL	405834.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
1130	ALL	405884.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1131	ALL	405934.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1132	ALL	405984.8	3779112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
1133	ALL	404034.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1134	ALL	404084.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1135	ALL	404134.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
1136	ALL	404184.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1137	ALL	404234.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1138	ALL	404284.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1139	ALL	404334.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
1140	ALL	404384.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1141	ALL	404434.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
1142	ALL	404484.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1143	ALL	404534.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
1144	ALL	404584.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1145	ALL	404634.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
1146	ALL	404684.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
1147	ALL	404734.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
1148	ALL	404784.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04

1149	ALL	404834.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
1150	ALL	404884.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
1151	ALL	404934.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
1152	ALL	404984.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
1153	ALL	405034.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
1154	ALL	405084.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
1155	ALL	405134.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
1156	ALL	405184.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
1157	ALL	405234.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
1158	ALL	405284.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
1159	ALL	405334.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
1160	ALL	405384.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
1161	ALL	405434.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
1162	ALL	405484.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
1163	ALL	405534.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
1164	ALL	405584.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
1165	ALL	405634.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
1166	ALL	405684.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1167	ALL	405734.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1168	ALL	405784.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
1169	ALL	405834.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
1170	ALL	405884.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1171	ALL	405934.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
1172	ALL	405984.8	3779162	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1173	ALL	404034.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
1174	ALL	404084.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
1175	ALL	404134.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
1176	ALL	404184.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
1177	ALL	404234.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1178	ALL	404284.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1179	ALL	404334.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1180	ALL	404384.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
1181	ALL	404434.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
1182	ALL	404484.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
1183	ALL	404534.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
1184	ALL	404584.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
1185	ALL	404634.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1186	ALL	404684.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
1187	ALL	404734.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1188	ALL	404784.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
1189	ALL	404834.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
1190	ALL	404884.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
1191	ALL	404934.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
1192	ALL	404984.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
1193	ALL	405034.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
1194	ALL	405084.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
1195	ALL	405134.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
1196	ALL	405184.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
1197	ALL	405234.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
1198	ALL	405284.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04

1199	ALL	405334.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
1200	ALL	405384.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
1201	ALL	405434.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
1202	ALL	405484.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
1203	ALL	405534.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
1204	ALL	405584.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1205	ALL	405634.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
1206	ALL	405684.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1207	ALL	405734.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
1208	ALL	405784.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
1209	ALL	405834.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
1210	ALL	405884.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1211	ALL	405934.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1212	ALL	405984.8	3779212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
1213	ALL	404034.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
1214	ALL	404084.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1215	ALL	404134.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
1216	ALL	404184.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1217	ALL	404234.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1218	ALL	404284.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1219	ALL	404334.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1220	ALL	404384.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1221	ALL	404434.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1222	ALL	404484.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
1223	ALL	404534.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
1224	ALL	404584.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
1225	ALL	404634.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
1226	ALL	404684.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1227	ALL	404734.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1228	ALL	404784.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
1229	ALL	404834.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
1230	ALL	404884.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
1231	ALL	404934.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1232	ALL	404984.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
1233	ALL	405034.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1234	ALL	405084.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
1235	ALL	405134.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1236	ALL	405184.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
1237	ALL	405234.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
1238	ALL	405284.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
1239	ALL	405334.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
1240	ALL	405384.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1241	ALL	405434.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
1242	ALL	405484.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1243	ALL	405534.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1244	ALL	405584.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1245	ALL	405634.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
1246	ALL	405684.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
1247	ALL	405734.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1248	ALL	405784.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04

1249	ALL	405834.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
1250	ALL	405884.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
1251	ALL	405934.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1252	ALL	405984.8	3779262	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
1253	ALL	404034.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1254	ALL	404084.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
1255	ALL	404134.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
1256	ALL	404184.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1257	ALL	404234.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
1258	ALL	404284.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
1259	ALL	404334.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
1260	ALL	404384.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
1261	ALL	404434.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1262	ALL	404484.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1263	ALL	404534.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1264	ALL	404584.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
1265	ALL	404634.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
1266	ALL	404684.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1267	ALL	404734.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1268	ALL	404784.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1269	ALL	404834.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1270	ALL	404884.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
1271	ALL	404934.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
1272	ALL	404984.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
1273	ALL	405034.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1274	ALL	405084.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
1275	ALL	405134.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
1276	ALL	405184.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1277	ALL	405234.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1278	ALL	405284.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1279	ALL	405334.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
1280	ALL	405384.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
1281	ALL	405434.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1282	ALL	405484.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1283	ALL	405534.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
1284	ALL	405584.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1285	ALL	405634.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
1286	ALL	405684.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
1287	ALL	405734.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1288	ALL	405784.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
1289	ALL	405834.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1290	ALL	405884.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1291	ALL	405934.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1292	ALL	405984.8	3779312	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1293	ALL	404970.8	3778739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
1294	ALL	405010.6	3778742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1295	ALL	405047	3778741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
1296	ALL	405085	3778742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1297	ALL	405131.8	3778741	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1298	ALL	405211.4	3778744	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03

1299	ALL	405252.9	3778742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1300	ALL	405299.7	3778744	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
1301	ALL	405346.4	3778746	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
1302	ALL	404752.3	3778406	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
1303	ALL	404831.9	3778588	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03
																			5.46E-03