```
1                    ISCST3 - (DATED 02035)

                    ISCST3x      VERSION  4.4.3
             (C) COPYRIGHT 1991-2006, Trinity Consultants

 Run Began on  4/20/2008 at 17:43:24

 ** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound.dat

 ** Trinity Consultants




 CO STARTING

 CO TITLEONE  NCRA Cumulative DPM Impacts

 CO TITLETWO  Maximum train overlap at NE/SW Bound Direction

 CO MODELOPT  DFAULT  CONC  URBAN

 CO AVERTIME  ANNUAL

 CO POLLUTID  OTHER

 CO TERRHGTS  FLAT

 CO FLAGPOLE  1.2

 CO RUNORNOT  RUN

 CO FINISHED


 SO STARTING

 SO ELEVUNIT  METERS

 SO LOCATION  NCRA_S1  AREA  92.28  98.64  0

 ** SRCDESCR  NCRA Cumulative Trains 2, 3 &4_North-South

 SO LOCATION  NCRA_S2  AREA  28.64  35.0  0

 ** SRCDESCR  NCRA Cumulative Trains 2, 3 &4_North-South

 SO LOCATION  NCRA_S3  AREA  -35.0  -28.64  0

 ** SRCDESCR  NCRA Cumulative Trains 2, 3 &4_North-South

 SO LOCATION  NCRA_S4  AREA  -98.64  -92.28  0

 ** SRCDESCR  NCRA Cumulative Trains 2, 3 &4_North-South

 SO LOCATION  NCRA_S5  AREA  -162.28  -155.92  0

 ** SRCDESCR  NCRA Cumulative Trains 2, 3 &4_North-South

 SO SRCPARAM  NCRA_S1  2.110000E-08  4.953  9  90  45  2.3

 SO SRCPARAM  NCRA_S2  2.110000E-08  4.953  9  90  45  2.3

 SO SRCPARAM  NCRA_S3  2.110000E-08  4.953  9  90  45  2.3

 SO SRCPARAM  NCRA_S4  2.110000E-08  4.953  9  90  45  2.3

 SO SRCPARAM  NCRA_S5  2.110000E-08  4.953  9  90  45  2.3

 SO SRCGROUP  NCRA_S1  NCRA_S1

 SO SRCGROUP  NCRA_S2  NCRA_S2

 SO SRCGROUP  NCRA_S3  NCRA_S3

 SO SRCGROUP  NCRA_S4  NCRA_S4

 SO SRCGROUP  NCRA_S5  NCRA_S5

 SO SRCGROUP  ALL

 SO FINISHED
```

```
RE STARTING
RE DISCCART  -247.49  -106.07  1.2
RE DISCCART  -240.42  -113.14  1.2
RE DISCCART  -233.35  -120.21  1.2
RE DISCCART  -226.27  -127.28  1.2
RE DISCCART  -219.2  -134.35  1.2
RE DISCCART  -212.13  -141.42  1.2
RE DISCCART  -205.06  -148.49  1.2
RE DISCCART  -197.99  -155.56  1.2
RE DISCCART  -194.45  -159.1  1.2
RE DISCCART  -190.92  -162.63  1.2
RE DISCCART  -188.8  -164.76  1.2
RE DISCCART  -187.38  -166.17  1.2
RE DISCCART  -185.97  -167.58  1.2
RE DISCCART  -184.55  -169.0  1.2
RE DISCCART  -183.14  -170.41  1.2
RE DISCCART  -170.41  -183.14  1.2
RE DISCCART  -169.0  -184.55  1.2
RE DISCCART  -167.58  -185.97  1.2
RE DISCCART  -166.17  -187.38  1.2
RE DISCCART  -164.76  -188.8  1.2
RE DISCCART  -162.63  -190.92  1.2
RE DISCCART  -159.1  -194.45  1.2
RE DISCCART  -155.56  -197.99  1.2
RE DISCCART  -148.49  -205.06  1.2
RE DISCCART  -141.42  -212.13  1.2
RE DISCCART  -134.35  -219.2  1.2
RE DISCCART  -127.28  -226.27  1.2
RE DISCCART  -120.21  -233.35  1.2
RE DISCCART  -113.14  -240.42  1.2
RE DISCCART  -106.07  -247.49  1.2
RE DISCCART  -240.42  -98.99  1.2
RE DISCCART  -233.35  -106.07  1.2
RE DISCCART  -226.27  -113.14  1.2
RE DISCCART  -219.2  -120.21  1.2
RE DISCCART  -212.13  -127.28  1.2
RE DISCCART  -205.06  -134.35  1.2
RE DISCCART  -197.99  -141.42  1.2
RE DISCCART  -190.92  -148.49  1.2
RE DISCCART  -187.38  -152.03  1.2
RE DISCCART  -183.85  -155.56  1.2
RE DISCCART  -181.73  -157.68  1.2
RE DISCCART  -180.31  -159.1  1.2
RE DISCCART  -178.9  -160.51  1.2
```

```
RE DISCCART  -177.48  -161.93  1.2
RE DISCCART  -176.07  -163.34  1.2
RE DISCCART  -163.34  -176.07  1.2
RE DISCCART  -161.93  -177.48  1.2
RE DISCCART  -160.51  -178.9  1.2
RE DISCCART  -159.1  -180.31  1.2
RE DISCCART  -157.68  -181.73  1.2
RE DISCCART  -155.56  -183.85  1.2
RE DISCCART  -152.03  -187.38  1.2
RE DISCCART  -148.49  -190.92  1.2
RE DISCCART  -141.42  -197.99  1.2
RE DISCCART  -134.35  -205.06  1.2
RE DISCCART  -127.28  -212.13  1.2
RE DISCCART  -120.21  -219.2  1.2
RE DISCCART  -113.14  -226.27  1.2
RE DISCCART  -106.07  -233.35  1.2
RE DISCCART  -98.99  -240.42  1.2
RE DISCCART  -233.35  -91.92  1.2
RE DISCCART  -226.27  -99.0  1.2
RE DISCCART  -219.2  -106.07  1.2
RE DISCCART  -212.13  -113.14  1.2
RE DISCCART  -205.06  -120.21  1.2
RE DISCCART  -197.99  -127.28  1.2
RE DISCCART  -190.92  -134.35  1.2
RE DISCCART  -183.85  -141.42  1.2
RE DISCCART  -180.31  -144.96  1.2
RE DISCCART  -176.78  -148.49  1.2
RE DISCCART  -174.66  -150.61  1.2
RE DISCCART  -173.24  -152.03  1.2
RE DISCCART  -171.83  -153.44  1.2
RE DISCCART  -170.41  -154.86  1.2
RE DISCCART  -169.0  -156.27  1.2
RE DISCCART  -156.27  -169.0  1.2
RE DISCCART  -154.86  -170.41  1.2
RE DISCCART  -153.44  -171.83  1.2
RE DISCCART  -152.03  -173.24  1.2
RE DISCCART  -150.61  -174.66  1.2
RE DISCCART  -148.49  -176.78  1.2
RE DISCCART  -144.96  -180.31  1.2
RE DISCCART  -141.42  -183.85  1.2
RE DISCCART  -134.35  -190.92  1.2
RE DISCCART  -127.28  -197.99  1.2
RE DISCCART  -120.21  -205.06  1.2
RE DISCCART  -113.14  -212.13  1.2
```

```
RE DISCCART  -106.07  -219.2  1.2
RE DISCCART  -98.99  -226.27  1.2
RE DISCCART  -91.92  -233.35  1.2
RE DISCCART  -226.27  -84.85  1.2
RE DISCCART  -219.2  -91.92  1.2
RE DISCCART  -212.13  -99.0  1.2
RE DISCCART  -205.06  -106.07  1.2
RE DISCCART  -197.99  -113.14  1.2
RE DISCCART  -190.92  -120.21  1.2
RE DISCCART  -183.85  -127.28  1.2
RE DISCCART  -176.78  -134.35  1.2
RE DISCCART  -173.24  -137.89  1.2
RE DISCCART  -169.71  -141.42  1.2
RE DISCCART  -167.58  -143.54  1.2
RE DISCCART  -166.17  -144.96  1.2
RE DISCCART  -164.76  -146.37  1.2
RE DISCCART  -163.34  -147.79  1.2
RE DISCCART  -161.93  -149.2  1.2
RE DISCCART  -149.2  -161.93  1.2
RE DISCCART  -147.79  -163.34  1.2
RE DISCCART  -146.37  -164.76  1.2
RE DISCCART  -144.96  -166.17  1.2
RE DISCCART  -143.54  -167.58  1.2
RE DISCCART  -141.42  -169.71  1.2
RE DISCCART  -137.89  -173.24  1.2
RE DISCCART  -134.35  -176.78  1.2
RE DISCCART  -127.28  -183.85  1.2
RE DISCCART  -120.21  -190.92  1.2
RE DISCCART  -113.14  -197.99  1.2
RE DISCCART  -106.07  -205.06  1.2
RE DISCCART  -98.99  -212.13  1.2
RE DISCCART  -91.92  -219.2  1.2
RE DISCCART  -84.85  -226.27  1.2
RE DISCCART  -219.2  -77.78  1.2
RE DISCCART  -212.13  -84.85  1.2
RE DISCCART  -205.06  -91.92  1.2
RE DISCCART  -197.99  -99.0  1.2
RE DISCCART  -190.92  -106.07  1.2
RE DISCCART  -183.85  -113.14  1.2
RE DISCCART  -176.78  -120.21  1.2
RE DISCCART  -169.71  -127.28  1.2
RE DISCCART  -166.17  -130.81  1.2
RE DISCCART  -162.63  -134.35  1.2
RE DISCCART  -160.51  -136.47  1.2
```

```
RE DISCCART  -159.1  -137.89  1.2
RE DISCCART  -157.68  -139.3  1.2
RE DISCCART  -156.27  -140.71  1.2
RE DISCCART  -154.86  -142.13  1.2
RE DISCCART  -142.13  -154.86  1.2
RE DISCCART  -140.71  -156.27  1.2
RE DISCCART  -139.3  -157.68  1.2
RE DISCCART  -137.89  -159.1  1.2
RE DISCCART  -136.47  -160.51  1.2
RE DISCCART  -134.35  -162.63  1.2
RE DISCCART  -130.81  -166.17  1.2
RE DISCCART  -127.28  -169.71  1.2
RE DISCCART  -120.21  -176.78  1.2
RE DISCCART  -113.14  -183.85  1.2
RE DISCCART  -106.07  -190.92  1.2
RE DISCCART  -98.99  -197.99  1.2
RE DISCCART  -91.92  -205.06  1.2
RE DISCCART  -84.85  -212.13  1.2
RE DISCCART  -77.78  -219.2  1.2
RE DISCCART  -212.13  -70.71  1.2
RE DISCCART  -205.06  -77.78  1.2
RE DISCCART  -197.99  -84.85  1.2
RE DISCCART  -190.92  -91.92  1.2
RE DISCCART  -183.85  -98.99  1.2
RE DISCCART  -176.78  -106.07  1.2
RE DISCCART  -169.71  -113.14  1.2
RE DISCCART  -162.63  -120.21  1.2
RE DISCCART  -159.1  -123.74  1.2
RE DISCCART  -155.56  -127.28  1.2
RE DISCCART  -153.44  -129.4  1.2
RE DISCCART  -152.03  -130.81  1.2
RE DISCCART  -150.61  -132.23  1.2
RE DISCCART  -149.2  -133.64  1.2
RE DISCCART  -147.79  -135.06  1.2
RE DISCCART  -135.06  -147.79  1.2
RE DISCCART  -133.64  -149.2  1.2
RE DISCCART  -132.23  -150.61  1.2
RE DISCCART  -130.81  -152.03  1.2
RE DISCCART  -129.4  -153.44  1.2
RE DISCCART  -127.28  -155.56  1.2
RE DISCCART  -123.74  -159.1  1.2
RE DISCCART  -120.21  -162.63  1.2
RE DISCCART  -113.14  -169.71  1.2
RE DISCCART  -106.07  -176.78  1.2
```

```
RE DISCCART  -98.99  -183.85  1.2
RE DISCCART  -91.92  -190.92  1.2
RE DISCCART  -84.85  -197.99  1.2
RE DISCCART  -77.78  -205.06  1.2
RE DISCCART  -70.71  -212.13  1.2
RE DISCCART  -205.06  -63.64  1.2
RE DISCCART  -197.99  -70.71  1.2
RE DISCCART  -190.92  -77.78  1.2
RE DISCCART  -183.85  -84.85  1.2
RE DISCCART  -176.78  -91.92  1.2
RE DISCCART  -169.71  -98.99  1.2
RE DISCCART  -162.63  -106.07  1.2
RE DISCCART  -155.56  -113.14  1.2
RE DISCCART  -152.03  -116.67  1.2
RE DISCCART  -148.49  -120.21  1.2
RE DISCCART  -146.37  -122.33  1.2
RE DISCCART  -144.96  -123.74  1.2
RE DISCCART  -143.54  -125.16  1.2
RE DISCCART  -142.13  -126.57  1.2
RE DISCCART  -140.71  -127.99  1.2
RE DISCCART  -127.99  -140.71  1.2
RE DISCCART  -126.57  -142.13  1.2
RE DISCCART  -125.16  -143.54  1.2
RE DISCCART  -123.74  -144.96  1.2
RE DISCCART  -122.33  -146.37  1.2
RE DISCCART  -120.21  -148.49  1.2
RE DISCCART  -116.67  -152.03  1.2
RE DISCCART  -113.14  -155.56  1.2
RE DISCCART  -106.07  -162.63  1.2
RE DISCCART  -98.99  -169.71  1.2
RE DISCCART  -91.92  -176.78  1.2
RE DISCCART  -84.85  -183.85  1.2
RE DISCCART  -77.78  -190.92  1.2
RE DISCCART  -70.71  -197.99  1.2
RE DISCCART  -63.64  -205.06  1.2
RE DISCCART  -197.99  -56.57  1.2
RE DISCCART  -190.92  -63.64  1.2
RE DISCCART  -183.85  -70.71  1.2
RE DISCCART  -176.78  -77.78  1.2
RE DISCCART  -169.71  -84.85  1.2
RE DISCCART  -162.63  -91.92  1.2
RE DISCCART  -155.56  -98.99  1.2
RE DISCCART  -148.49  -106.07  1.2
RE DISCCART  -144.96  -109.6  1.2
```

```
RE DISCCART  -141.42  -113.14  1.2
RE DISCCART  -139.3  -115.26  1.2
RE DISCCART  -137.89  -116.67  1.2
RE DISCCART  -136.47  -118.09  1.2
RE DISCCART  -135.06  -119.5  1.2
RE DISCCART  -133.64  -120.92  1.2
RE DISCCART  -120.92  -133.64  1.2
RE DISCCART  -119.5  -135.06  1.2
RE DISCCART  -118.09  -136.47  1.2
RE DISCCART  -116.67  -137.89  1.2
RE DISCCART  -115.26  -139.3  1.2
RE DISCCART  -113.14  -141.42  1.2
RE DISCCART  -109.6  -144.96  1.2
RE DISCCART  -106.07  -148.49  1.2
RE DISCCART  -98.99  -155.56  1.2
RE DISCCART  -91.92  -162.63  1.2
RE DISCCART  -84.85  -169.71  1.2
RE DISCCART  -77.78  -176.78  1.2
RE DISCCART  -70.71  -183.85  1.2
RE DISCCART  -63.64  -190.92  1.2
RE DISCCART  -56.57  -197.99  1.2
RE DISCCART  -190.92  -49.5  1.2
RE DISCCART  -183.85  -56.57  1.2
RE DISCCART  -176.78  -63.64  1.2
RE DISCCART  -169.71  -70.71  1.2
RE DISCCART  -162.63  -77.78  1.2
RE DISCCART  -155.56  -84.85  1.2
RE DISCCART  -148.49  -91.92  1.2
RE DISCCART  -141.42  -98.99  1.2
RE DISCCART  -137.89  -102.53  1.2
RE DISCCART  -134.35  -106.07  1.2
RE DISCCART  -132.23  -108.19  1.2
RE DISCCART  -130.81  -109.6  1.2
RE DISCCART  -129.4  -111.02  1.2
RE DISCCART  -127.99  -112.43  1.2
RE DISCCART  -126.57  -113.84  1.2
RE DISCCART  -113.84  -126.57  1.2
RE DISCCART  -112.43  -127.99  1.2
RE DISCCART  -111.02  -129.4  1.2
RE DISCCART  -109.6  -130.81  1.2
RE DISCCART  -108.19  -132.23  1.2
RE DISCCART  -106.07  -134.35  1.2
RE DISCCART  -102.53  -137.89  1.2
RE DISCCART  -98.99  -141.42  1.2
```

```
RE DISCCART  -91.92  -148.49  1.2
RE DISCCART  -84.85  -155.56  1.2
RE DISCCART  -77.78  -162.63  1.2
RE DISCCART  -70.71  -169.71  1.2
RE DISCCART  -63.64  -176.78  1.2
RE DISCCART  -56.57  -183.85  1.2
RE DISCCART  -49.5  -190.92  1.2
RE DISCCART  -183.85  -42.43  1.2
RE DISCCART  -176.78  -49.5  1.2
RE DISCCART  -169.71  -56.57  1.2
RE DISCCART  -162.63  -63.64  1.2
RE DISCCART  -155.56  -70.71  1.2
RE DISCCART  -148.49  -77.78  1.2
RE DISCCART  -141.42  -84.85  1.2
RE DISCCART  -134.35  -91.92  1.2
RE DISCCART  -130.81  -95.46  1.2
RE DISCCART  -127.28  -98.99  1.2
RE DISCCART  -125.16  -101.12  1.2
RE DISCCART  -123.74  -102.53  1.2
RE DISCCART  -122.33  -103.94  1.2
RE DISCCART  -120.92  -105.36  1.2
RE DISCCART  -119.5  -106.77  1.2
RE DISCCART  -106.77  -119.5  1.2
RE DISCCART  -105.36  -120.92  1.2
RE DISCCART  -103.94  -122.33  1.2
RE DISCCART  -102.53  -123.74  1.2
RE DISCCART  -101.12  -125.16  1.2
RE DISCCART  -98.99  -127.28  1.2
RE DISCCART  -95.46  -130.81  1.2
RE DISCCART  -91.92  -134.35  1.2
RE DISCCART  -84.85  -141.42  1.2
RE DISCCART  -77.78  -148.49  1.2
RE DISCCART  -70.71  -155.56  1.2
RE DISCCART  -63.64  -162.63  1.2
RE DISCCART  -56.57  -169.71  1.2
RE DISCCART  -49.5  -176.78  1.2
RE DISCCART  -42.43  -183.85  1.2
RE DISCCART  -176.78  -35.36  1.2
RE DISCCART  -169.71  -42.43  1.2
RE DISCCART  -162.63  -49.5  1.2
RE DISCCART  -155.56  -56.57  1.2
RE DISCCART  -148.49  -63.64  1.2
RE DISCCART  -141.42  -70.71  1.2
RE DISCCART  -134.35  -77.78  1.2
```

```
RE DISCCART  -127.28  -84.85  1.2
RE DISCCART  -123.74  -88.39  1.2
RE DISCCART  -120.21  -91.92  1.2
RE DISCCART  -118.09  -94.05  1.2
RE DISCCART  -116.67  -95.46  1.2
RE DISCCART  -115.26  -96.87  1.2
RE DISCCART  -113.84  -98.29  1.2
RE DISCCART  -112.43  -99.7  1.2
RE DISCCART  -99.7  -112.43  1.2
RE DISCCART  -98.29  -113.84  1.2
RE DISCCART  -96.87  -115.26  1.2
RE DISCCART  -95.46  -116.67  1.2
RE DISCCART  -94.05  -118.09  1.2
RE DISCCART  -91.92  -120.21  1.2
RE DISCCART  -88.39  -123.74  1.2
RE DISCCART  -84.85  -127.28  1.2
RE DISCCART  -77.78  -134.35  1.2
RE DISCCART  -70.71  -141.42  1.2
RE DISCCART  -63.64  -148.49  1.2
RE DISCCART  -56.57  -155.56  1.2
RE DISCCART  -49.5  -162.63  1.2
RE DISCCART  -42.43  -169.71  1.2
RE DISCCART  -35.36  -176.78  1.2
RE DISCCART  -169.71  -28.28  1.2
RE DISCCART  -162.63  -35.36  1.2
RE DISCCART  -155.56  -42.43  1.2
RE DISCCART  -148.49  -49.5  1.2
RE DISCCART  -141.42  -56.57  1.2
RE DISCCART  -134.35  -63.64  1.2
RE DISCCART  -127.28  -70.71  1.2
RE DISCCART  -120.21  -77.78  1.2
RE DISCCART  -116.67  -81.32  1.2
RE DISCCART  -113.14  -84.85  1.2
RE DISCCART  -111.02  -86.97  1.2
RE DISCCART  -109.6  -88.39  1.2
RE DISCCART  -108.19  -89.8  1.2
RE DISCCART  -106.77  -91.22  1.2
RE DISCCART  -105.36  -92.63  1.2
RE DISCCART  -92.63  -105.36  1.2
RE DISCCART  -91.22  -106.77  1.2
RE DISCCART  -89.8  -108.19  1.2
RE DISCCART  -88.39  -109.6  1.2
RE DISCCART  -86.97  -111.02  1.2
RE DISCCART  -84.85  -113.14  1.2
```

```
RE DISCCART  -81.32  -116.67  1.2
RE DISCCART  -77.78  -120.21  1.2
RE DISCCART  -70.71  -127.28  1.2
RE DISCCART  -63.64  -134.35  1.2
RE DISCCART  -56.57  -141.42  1.2
RE DISCCART  -49.5  -148.49  1.2
RE DISCCART  -42.43  -155.56  1.2
RE DISCCART  -35.36  -162.63  1.2
RE DISCCART  -28.28  -169.71  1.2
RE DISCCART  -162.63  -21.21  1.2
RE DISCCART  -155.56  -28.28  1.2
RE DISCCART  -148.49  -35.36  1.2
RE DISCCART  -141.42  -42.43  1.2
RE DISCCART  -134.35  -49.5  1.2
RE DISCCART  -127.28  -56.57  1.2
RE DISCCART  -120.21  -63.64  1.2
RE DISCCART  -113.14  -70.71  1.2
RE DISCCART  -109.6  -74.25  1.2
RE DISCCART  -106.07  -77.78  1.2
RE DISCCART  -103.94  -79.9  1.2
RE DISCCART  -102.53  -81.32  1.2
RE DISCCART  -101.12  -82.73  1.2
RE DISCCART  -99.7  -84.15  1.2
RE DISCCART  -98.29  -85.56  1.2
RE DISCCART  -85.56  -98.29  1.2
RE DISCCART  -84.15  -99.7  1.2
RE DISCCART  -82.73  -101.12  1.2
RE DISCCART  -81.32  -102.53  1.2
RE DISCCART  -79.9  -103.94  1.2
RE DISCCART  -77.78  -106.07  1.2
RE DISCCART  -74.25  -109.6  1.2
RE DISCCART  -70.71  -113.14  1.2
RE DISCCART  -63.64  -120.21  1.2
RE DISCCART  -56.57  -127.28  1.2
RE DISCCART  -49.5  -134.35  1.2
RE DISCCART  -42.43  -141.42  1.2
RE DISCCART  -35.36  -148.49  1.2
RE DISCCART  -28.28  -155.56  1.2
RE DISCCART  -21.21  -162.63  1.2
RE DISCCART  -155.56  -14.14  1.2
RE DISCCART  -148.49  -21.21  1.2
RE DISCCART  -141.42  -28.28  1.2
RE DISCCART  -134.35  -35.36  1.2
RE DISCCART  -127.28  -42.43  1.2
```

```
RE DISCCART  -120.21  -49.5  1.2
RE DISCCART  -113.14  -56.57  1.2
RE DISCCART  -106.07  -63.64  1.2
RE DISCCART  -102.53  -67.18  1.2
RE DISCCART  -98.99  -70.71  1.2
RE DISCCART  -96.87  -72.83  1.2
RE DISCCART  -95.46  -74.25  1.2
RE DISCCART  -94.05  -75.66  1.2
RE DISCCART  -92.63  -77.07  1.2
RE DISCCART  -91.22  -78.49  1.2
RE DISCCART  -78.49  -91.22  1.2
RE DISCCART  -77.07  -92.63  1.2
RE DISCCART  -75.66  -94.05  1.2
RE DISCCART  -74.25  -95.46  1.2
RE DISCCART  -72.83  -96.87  1.2
RE DISCCART  -70.71  -98.99  1.2
RE DISCCART  -67.18  -102.53  1.2
RE DISCCART  -63.64  -106.07  1.2
RE DISCCART  -56.57  -113.14  1.2
RE DISCCART  -49.5  -120.21  1.2
RE DISCCART  -42.43  -127.28  1.2
RE DISCCART  -35.36  -134.35  1.2
RE DISCCART  -28.28  -141.42  1.2
RE DISCCART  -21.21  -148.49  1.2
RE DISCCART  -14.14  -155.56  1.2
RE DISCCART  -148.49  -7.07  1.2
RE DISCCART  -141.42  -14.14  1.2
RE DISCCART  -134.35  -21.21  1.2
RE DISCCART  -127.28  -28.28  1.2
RE DISCCART  -120.21  -35.36  1.2
RE DISCCART  -113.14  -42.43  1.2
RE DISCCART  -106.07  -49.5  1.2
RE DISCCART  -98.99  -56.57  1.2
RE DISCCART  -95.46  -60.1  1.2
RE DISCCART  -91.92  -63.64  1.2
RE DISCCART  -89.8  -65.76  1.2
RE DISCCART  -88.39  -67.18  1.2
RE DISCCART  -86.97  -68.59  1.2
RE DISCCART  -85.56  -70.0  1.2
RE DISCCART  -84.15  -71.42  1.2
RE DISCCART  -71.42  -84.15  1.2
RE DISCCART  -70.0  -85.56  1.2
RE DISCCART  -68.59  -86.97  1.2
RE DISCCART  -67.18  -88.39  1.2
```

```
RE DISCCART  -65.76  -89.8  1.2
RE DISCCART  -63.64  -91.92  1.2
RE DISCCART  -60.1  -95.46  1.2
RE DISCCART  -56.57  -98.99  1.2
RE DISCCART  -49.5  -106.07  1.2
RE DISCCART  -42.43  -113.14  1.2
RE DISCCART  -35.36  -120.21  1.2
RE DISCCART  -28.28  -127.28  1.2
RE DISCCART  -21.21  -134.35  1.2
RE DISCCART  -14.14  -141.42  1.2
RE DISCCART  -7.07  -148.49  1.2
RE DISCCART  -141.42  0.0  1.2
RE DISCCART  -134.35  -7.07  1.2
RE DISCCART  -127.28  -14.14  1.2
RE DISCCART  -120.21  -21.21  1.2
RE DISCCART  -113.14  -28.28  1.2
RE DISCCART  -106.07  -35.36  1.2
RE DISCCART  -98.99  -42.43  1.2
RE DISCCART  -91.92  -49.5  1.2
RE DISCCART  -88.39  -53.03  1.2
RE DISCCART  -84.85  -56.57  1.2
RE DISCCART  -82.73  -58.69  1.2
RE DISCCART  -81.32  -60.1  1.2
RE DISCCART  -79.9  -61.52  1.2
RE DISCCART  -78.49  -62.93  1.2
RE DISCCART  -77.07  -64.35  1.2
RE DISCCART  -64.35  -77.07  1.2
RE DISCCART  -62.93  -78.49  1.2
RE DISCCART  -61.52  -79.9  1.2
RE DISCCART  -60.1  -81.32  1.2
RE DISCCART  -58.69  -82.73  1.2
RE DISCCART  -56.57  -84.85  1.2
RE DISCCART  -53.03  -88.39  1.2
RE DISCCART  -49.5  -91.92  1.2
RE DISCCART  -42.43  -98.99  1.2
RE DISCCART  -35.36  -106.07  1.2
RE DISCCART  -28.28  -113.14  1.2
RE DISCCART  -21.21  -120.21  1.2
RE DISCCART  -14.14  -127.28  1.2
RE DISCCART  -7.07  -134.35  1.2
RE DISCCART  0.0  -141.42  1.2
RE DISCCART  -134.35  7.07  1.2
RE DISCCART  -127.28  0.0  1.2
RE DISCCART  -120.21  -7.07  1.2
```

```
RE DISCCART  -113.14  -14.14  1.2
RE DISCCART  -106.07  -21.21  1.2
RE DISCCART  -98.99  -28.28  1.2
RE DISCCART  -91.92  -35.36  1.2
RE DISCCART  -84.85  -42.43  1.2
RE DISCCART  -81.32  -45.96  1.2
RE DISCCART  -77.78  -49.5  1.2
RE DISCCART  -75.66  -51.62  1.2
RE DISCCART  -74.25  -53.03  1.2
RE DISCCART  -72.83  -54.45  1.2
RE DISCCART  -71.42  -55.86  1.2
RE DISCCART  -70.0  -57.28  1.2
RE DISCCART  -57.28  -70.0  1.2
RE DISCCART  -55.86  -71.42  1.2
RE DISCCART  -54.45  -72.83  1.2
RE DISCCART  -53.03  -74.25  1.2
RE DISCCART  -51.62  -75.66  1.2
RE DISCCART  -49.5  -77.78  1.2
RE DISCCART  -45.96  -81.32  1.2
RE DISCCART  -42.43  -84.85  1.2
RE DISCCART  -35.36  -91.92  1.2
RE DISCCART  -28.28  -98.99  1.2
RE DISCCART  -21.21  -106.07  1.2
RE DISCCART  -14.14  -113.14  1.2
RE DISCCART  -7.07  -120.21  1.2
RE DISCCART  0.0  -127.28  1.2
RE DISCCART  7.07  -134.35  1.2
RE DISCCART  -127.28  14.14  1.2
RE DISCCART  -120.21  7.07  1.2
RE DISCCART  -113.14  0.0  1.2
RE DISCCART  -106.07  -7.07  1.2
RE DISCCART  -98.99  -14.14  1.2
RE DISCCART  -91.92  -21.21  1.2
RE DISCCART  -84.85  -28.28  1.2
RE DISCCART  -77.78  -35.36  1.2
RE DISCCART  -74.25  -38.89  1.2
RE DISCCART  -70.71  -42.43  1.2
RE DISCCART  -68.59  -44.55  1.2
RE DISCCART  -67.18  -45.96  1.2
RE DISCCART  -65.76  -47.38  1.2
RE DISCCART  -64.35  -48.79  1.2
RE DISCCART  -62.93  -50.2  1.2
RE DISCCART  -50.2  -62.93  1.2
RE DISCCART  -48.79  -64.35  1.2
```

```
RE DISCCART  -47.38  -65.76  1.2
RE DISCCART  -45.96  -67.18  1.2
RE DISCCART  -44.55  -68.59  1.2
RE DISCCART  -42.43  -70.71  1.2
RE DISCCART  -38.89  -74.25  1.2
RE DISCCART  -35.36  -77.78  1.2
RE DISCCART  -28.28  -84.85  1.2
RE DISCCART  -21.21  -91.92  1.2
RE DISCCART  -14.14  -98.99  1.2
RE DISCCART  -7.07  -106.07  1.2
RE DISCCART  0.0  -113.14  1.2
RE DISCCART  7.07  -120.21  1.2
RE DISCCART  14.14  -127.28  1.2
RE DISCCART  -120.21  21.21  1.2
RE DISCCART  -113.14  14.14  1.2
RE DISCCART  -106.07  7.07  1.2
RE DISCCART  -98.99  0.0  1.2
RE DISCCART  -91.92  -7.07  1.2
RE DISCCART  -84.85  -14.14  1.2
RE DISCCART  -77.78  -21.21  1.2
RE DISCCART  -70.71  -28.28  1.2
RE DISCCART  -67.18  -31.82  1.2
RE DISCCART  -63.64  -35.36  1.2
RE DISCCART  -61.52  -37.48  1.2
RE DISCCART  -60.1  -38.89  1.2
RE DISCCART  -58.69  -40.31  1.2
RE DISCCART  -57.28  -41.72  1.2
RE DISCCART  -55.86  -43.13  1.2
RE DISCCART  -43.13  -55.86  1.2
RE DISCCART  -41.72  -57.28  1.2
RE DISCCART  -40.31  -58.69  1.2
RE DISCCART  -38.89  -60.1  1.2
RE DISCCART  -37.48  -61.52  1.2
RE DISCCART  -35.36  -63.64  1.2
RE DISCCART  -31.82  -67.18  1.2
RE DISCCART  -28.28  -70.71  1.2
RE DISCCART  -21.21  -77.78  1.2
RE DISCCART  -14.14  -84.85  1.2
RE DISCCART  -7.07  -91.92  1.2
RE DISCCART  0.0  -98.99  1.2
RE DISCCART  7.07  -106.07  1.2
RE DISCCART  14.14  -113.14  1.2
RE DISCCART  21.21  -120.21  1.2
RE DISCCART  -113.14  28.28  1.2
```

```
RE DISCCART  -106.07  21.21  1.2
RE DISCCART  -98.99  14.14  1.2
RE DISCCART  -91.92  7.07  1.2
RE DISCCART  -84.85  0.0  1.2
RE DISCCART  -77.78  -7.07  1.2
RE DISCCART  -70.71  -14.14  1.2
RE DISCCART  -63.64  -21.21  1.2
RE DISCCART  -60.1  -24.75  1.2
RE DISCCART  -56.57  -28.28  1.2
RE DISCCART  -54.45  -30.41  1.2
RE DISCCART  -53.03  -31.82  1.2
RE DISCCART  -51.62  -33.23  1.2
RE DISCCART  -50.2  -34.65  1.2
RE DISCCART  -48.79  -36.06  1.2
RE DISCCART  -36.06  -48.79  1.2
RE DISCCART  -34.65  -50.2  1.2
RE DISCCART  -33.23  -51.62  1.2
RE DISCCART  -31.82  -53.03  1.2
RE DISCCART  -30.41  -54.45  1.2
RE DISCCART  -28.28  -56.57  1.2
RE DISCCART  -24.75  -60.1  1.2
RE DISCCART  -21.21  -63.64  1.2
RE DISCCART  -14.14  -70.71  1.2
RE DISCCART  -7.07  -77.78  1.2
RE DISCCART  0.0  -84.85  1.2
RE DISCCART  7.07  -91.92  1.2
RE DISCCART  14.14  -98.99  1.2
RE DISCCART  21.21  -106.07  1.2
RE DISCCART  28.28  -113.14  1.2
RE DISCCART  -106.07  35.36  1.2
RE DISCCART  -98.99  28.28  1.2
RE DISCCART  -91.92  21.21  1.2
RE DISCCART  -84.85  14.14  1.2
RE DISCCART  -77.78  7.07  1.2
RE DISCCART  -70.71  0.0  1.2
RE DISCCART  -63.64  -7.07  1.2
RE DISCCART  -56.57  -14.14  1.2
RE DISCCART  -53.03  -17.68  1.2
RE DISCCART  -49.5  -21.21  1.2
RE DISCCART  -47.38  -23.33  1.2
RE DISCCART  -45.96  -24.75  1.2
RE DISCCART  -44.55  -26.16  1.2
RE DISCCART  -43.13  -27.58  1.2
RE DISCCART  -41.72  -28.99  1.2
```

```
RE DISCCART  -28.99  -41.72  1.2
RE DISCCART  -27.58  -43.13  1.2
RE DISCCART  -26.16  -44.55  1.2
RE DISCCART  -24.75  -45.96  1.2
RE DISCCART  -23.33  -47.38  1.2
RE DISCCART  -21.21  -49.5  1.2
RE DISCCART  -17.68  -53.03  1.2
RE DISCCART  -14.14  -56.57  1.2
RE DISCCART  -7.07  -63.64  1.2
RE DISCCART  0.0  -70.71  1.2
RE DISCCART  7.07  -77.78  1.2
RE DISCCART  14.14  -84.85  1.2
RE DISCCART  21.21  -91.92  1.2
RE DISCCART  28.28  -98.99  1.2
RE DISCCART  35.36  -106.07  1.2
RE DISCCART  -98.99  42.43  1.2
RE DISCCART  -91.92  35.36  1.2
RE DISCCART  -84.85  28.28  1.2
RE DISCCART  -77.78  21.21  1.2
RE DISCCART  -70.71  14.14  1.2
RE DISCCART  -63.64  7.07  1.2
RE DISCCART  -56.57  0.0  1.2
RE DISCCART  -49.5  -7.07  1.2
RE DISCCART  -45.96  -10.61  1.2
RE DISCCART  -42.43  -14.14  1.2
RE DISCCART  -40.31  -16.26  1.2
RE DISCCART  -38.89  -17.68  1.2
RE DISCCART  -37.48  -19.09  1.2
RE DISCCART  -36.06  -20.51  1.2
RE DISCCART  -34.65  -21.92  1.2
RE DISCCART  -21.92  -34.65  1.2
RE DISCCART  -20.51  -36.06  1.2
RE DISCCART  -19.09  -37.48  1.2
RE DISCCART  -17.68  -38.89  1.2
RE DISCCART  -16.26  -40.31  1.2
RE DISCCART  -14.14  -42.43  1.2
RE DISCCART  -10.61  -45.96  1.2
RE DISCCART  -7.07  -49.5  1.2
RE DISCCART  0.0  -56.57  1.2
RE DISCCART  7.07  -63.64  1.2
RE DISCCART  14.14  -70.71  1.2
RE DISCCART  21.21  -77.78  1.2
RE DISCCART  28.28  -84.85  1.2
RE DISCCART  35.36  -91.92  1.2
```

```
RE DISCCART  42.43  -98.99  1.2
RE DISCCART  -91.92  49.5  1.2
RE DISCCART  -84.85  42.43  1.2
RE DISCCART  -77.78  35.36  1.2
RE DISCCART  -70.71  28.28  1.2
RE DISCCART  -63.64  21.21  1.2
RE DISCCART  -56.57  14.14  1.2
RE DISCCART  -49.5  7.07  1.2
RE DISCCART  -42.43  0.0  1.2
RE DISCCART  -38.89  -3.54  1.2
RE DISCCART  -35.36  -7.07  1.2
RE DISCCART  -33.23  -9.19  1.2
RE DISCCART  -31.82  -10.61  1.2
RE DISCCART  -30.41  -12.02  1.2
RE DISCCART  -28.99  -13.44  1.2
RE DISCCART  -27.58  -14.85  1.2
RE DISCCART  -14.85  -27.58  1.2
RE DISCCART  -13.44  -28.99  1.2
RE DISCCART  -12.02  -30.41  1.2
RE DISCCART  -10.61  -31.82  1.2
RE DISCCART  -9.19  -33.23  1.2
RE DISCCART  -7.07  -35.36  1.2
RE DISCCART  -3.54  -38.89  1.2
RE DISCCART  0.0  -42.43  1.2
RE DISCCART  7.07  -49.5  1.2
RE DISCCART  14.14  -56.57  1.2
RE DISCCART  21.21  -63.64  1.2
RE DISCCART  28.28  -70.71  1.2
RE DISCCART  35.36  -77.78  1.2
RE DISCCART  42.43  -84.85  1.2
RE DISCCART  49.5  -91.92  1.2
RE DISCCART  -84.85  56.57  1.2
RE DISCCART  -77.78  49.5  1.2
RE DISCCART  -70.71  42.43  1.2
RE DISCCART  -63.64  35.36  1.2
RE DISCCART  -56.57  28.28  1.2
RE DISCCART  -49.5  21.21  1.2
RE DISCCART  -42.43  14.14  1.2
RE DISCCART  -35.36  7.07  1.2
RE DISCCART  -31.82  3.54  1.2
RE DISCCART  -28.28  0.0  1.2
RE DISCCART  -26.16  -2.12  1.2
RE DISCCART  -24.75  -3.54  1.2
RE DISCCART  -23.33  -4.95  1.2
```

```
RE DISCCART  -21.92  -6.36  1.2
RE DISCCART  -20.51  -7.78  1.2
RE DISCCART  -7.78  -20.51  1.2
RE DISCCART  -6.36  -21.92  1.2
RE DISCCART  -4.95  -23.33  1.2
RE DISCCART  -3.54  -24.75  1.2
RE DISCCART  -2.12  -26.16  1.2
RE DISCCART  0.0  -28.28  1.2
RE DISCCART  3.54  -31.82  1.2
RE DISCCART  7.07  -35.36  1.2
RE DISCCART  14.14  -42.43  1.2
RE DISCCART  21.21  -49.5  1.2
RE DISCCART  28.28  -56.57  1.2
RE DISCCART  35.36  -63.64  1.2
RE DISCCART  42.43  -70.71  1.2
RE DISCCART  49.5  -77.78  1.2
RE DISCCART  56.57  -84.85  1.2
RE DISCCART  -77.78  63.64  1.2
RE DISCCART  -70.71  56.57  1.2
RE DISCCART  -63.64  49.5  1.2
RE DISCCART  -56.57  42.43  1.2
RE DISCCART  -49.5  35.36  1.2
RE DISCCART  -42.43  28.28  1.2
RE DISCCART  -35.36  21.21  1.2
RE DISCCART  -28.28  14.14  1.2
RE DISCCART  -24.75  10.61  1.2
RE DISCCART  -21.21  7.07  1.2
RE DISCCART  -19.09  4.95  1.2
RE DISCCART  -17.68  3.54  1.2
RE DISCCART  -16.26  2.12  1.2
RE DISCCART  -14.85  0.71  1.2
RE DISCCART  -13.44  -0.71  1.2
RE DISCCART  -0.71  -13.44  1.2
RE DISCCART  0.71  -14.85  1.2
RE DISCCART  2.12  -16.26  1.2
RE DISCCART  3.54  -17.68  1.2
RE DISCCART  4.95  -19.09  1.2
RE DISCCART  7.07  -21.21  1.2
RE DISCCART  10.61  -24.75  1.2
RE DISCCART  14.14  -28.28  1.2
RE DISCCART  21.21  -35.36  1.2
RE DISCCART  28.28  -42.43  1.2
RE DISCCART  35.36  -49.5  1.2
RE DISCCART  42.43  -56.57  1.2
```

```
RE DISCCART  49.5  -63.64  1.2
RE DISCCART  56.57  -70.71  1.2
RE DISCCART  63.64  -77.78  1.2
RE DISCCART  -70.71  70.71  1.2
RE DISCCART  -63.64  63.64  1.2
RE DISCCART  -56.57  56.57  1.2
RE DISCCART  -49.5  49.5  1.2
RE DISCCART  -42.43  42.43  1.2
RE DISCCART  -35.36  35.36  1.2
RE DISCCART  -28.28  28.28  1.2
RE DISCCART  -21.21  21.21  1.2
RE DISCCART  -17.68  17.68  1.2
RE DISCCART  -14.14  14.14  1.2
RE DISCCART  -12.02  12.02  1.2
RE DISCCART  -10.61  10.61  1.2
RE DISCCART  -9.19  9.19  1.2
RE DISCCART  -7.78  7.78  1.2
RE DISCCART  -6.36  6.36  1.2
RE DISCCART  6.36  -6.36  1.2
RE DISCCART  7.78  -7.78  1.2
RE DISCCART  9.19  -9.19  1.2
RE DISCCART  10.61  -10.61  1.2
RE DISCCART  12.02  -12.02  1.2
RE DISCCART  14.14  -14.14  1.2
RE DISCCART  17.68  -17.68  1.2
RE DISCCART  21.21  -21.21  1.2
RE DISCCART  28.28  -28.28  1.2
RE DISCCART  35.36  -35.36  1.2
RE DISCCART  42.43  -42.43  1.2
RE DISCCART  49.5  -49.5  1.2
RE DISCCART  56.57  -56.57  1.2
RE DISCCART  63.64  -63.64  1.2
RE DISCCART  70.71  -70.71  1.2
RE DISCCART  -63.64  77.78  1.2
RE DISCCART  -56.57  70.71  1.2
RE DISCCART  -49.5  63.64  1.2
RE DISCCART  -42.43  56.57  1.2
RE DISCCART  -35.36  49.5  1.2
RE DISCCART  -28.28  42.43  1.2
RE DISCCART  -21.21  35.36  1.2
RE DISCCART  -14.14  28.28  1.2
RE DISCCART  -10.61  24.75  1.2
RE DISCCART  -7.07  21.21  1.2
RE DISCCART  -4.95  19.09  1.2
```

```
RE DISCCART  -3.54  17.68  1.2
RE DISCCART  -2.12  16.26  1.2
RE DISCCART  -0.71  14.85  1.2
RE DISCCART  0.71  13.44  1.2
RE DISCCART  13.44  0.71  1.2
RE DISCCART  14.85  -0.71  1.2
RE DISCCART  16.26  -2.12  1.2
RE DISCCART  17.68  -3.54  1.2
RE DISCCART  19.09  -4.95  1.2
RE DISCCART  21.21  -7.07  1.2
RE DISCCART  24.75  -10.61  1.2
RE DISCCART  28.28  -14.14  1.2
RE DISCCART  35.36  -21.21  1.2
RE DISCCART  42.43  -28.28  1.2
RE DISCCART  49.5  -35.36  1.2
RE DISCCART  56.57  -42.43  1.2
RE DISCCART  63.64  -49.5  1.2
RE DISCCART  70.71  -56.57  1.2
RE DISCCART  77.78  -63.64  1.2
RE DISCCART  -56.57  84.85  1.2
RE DISCCART  -49.5  77.78  1.2
RE DISCCART  -42.43  70.71  1.2
RE DISCCART  -35.36  63.64  1.2
RE DISCCART  -28.28  56.57  1.2
RE DISCCART  -21.21  49.5  1.2
RE DISCCART  -14.14  42.43  1.2
RE DISCCART  -7.07  35.36  1.2
RE DISCCART  -3.54  31.82  1.2
RE DISCCART  0.0  28.28  1.2
RE DISCCART  2.12  26.16  1.2
RE DISCCART  3.54  24.75  1.2
RE DISCCART  4.95  23.33  1.2
RE DISCCART  6.36  21.92  1.2
RE DISCCART  7.78  20.51  1.2
RE DISCCART  20.51  7.78  1.2
RE DISCCART  21.92  6.36  1.2
RE DISCCART  23.33  4.95  1.2
RE DISCCART  24.75  3.54  1.2
RE DISCCART  26.16  2.12  1.2
RE DISCCART  28.28  0.0  1.2
RE DISCCART  31.82  -3.54  1.2
RE DISCCART  35.36  -7.07  1.2
RE DISCCART  42.43  -14.14  1.2
RE DISCCART  49.5  -21.21  1.2
```

```
RE DISCCART  56.57  -28.28  1.2
RE DISCCART  63.64  -35.36  1.2
RE DISCCART  70.71  -42.43  1.2
RE DISCCART  77.78  -49.5  1.2
RE DISCCART  84.85  -56.57  1.2
RE DISCCART  -49.5  91.92  1.2
RE DISCCART  -42.43  84.85  1.2
RE DISCCART  -35.36  77.78  1.2
RE DISCCART  -28.28  70.71  1.2
RE DISCCART  -21.21  63.64  1.2
RE DISCCART  -14.14  56.57  1.2
RE DISCCART  -7.07  49.5  1.2
RE DISCCART  0.0  42.43  1.2
RE DISCCART  3.54  38.89  1.2
RE DISCCART  7.07  35.36  1.2
RE DISCCART  9.19  33.23  1.2
RE DISCCART  10.61  31.82  1.2
RE DISCCART  12.02  30.41  1.2
RE DISCCART  13.44  28.99  1.2
RE DISCCART  14.85  27.58  1.2
RE DISCCART  27.58  14.85  1.2
RE DISCCART  28.99  13.44  1.2
RE DISCCART  30.41  12.02  1.2
RE DISCCART  31.82  10.61  1.2
RE DISCCART  33.23  9.19  1.2
RE DISCCART  35.36  7.07  1.2
RE DISCCART  38.89  3.54  1.2
RE DISCCART  42.43  0.0  1.2
RE DISCCART  49.5  -7.07  1.2
RE DISCCART  56.57  -14.14  1.2
RE DISCCART  63.64  -21.21  1.2
RE DISCCART  70.71  -28.28  1.2
RE DISCCART  77.78  -35.36  1.2
RE DISCCART  84.85  -42.43  1.2
RE DISCCART  91.92  -49.5  1.2
RE DISCCART  -42.43  98.99  1.2
RE DISCCART  -35.36  91.92  1.2
RE DISCCART  -28.28  84.85  1.2
RE DISCCART  -21.21  77.78  1.2
RE DISCCART  -14.14  70.71  1.2
RE DISCCART  -7.07  63.64  1.2
RE DISCCART  0.0  56.57  1.2
RE DISCCART  7.07  49.5  1.2
RE DISCCART  10.61  45.96  1.2
```

```
RE DISCCART  14.14  42.43  1.2
RE DISCCART  16.26  40.31  1.2
RE DISCCART  17.68  38.89  1.2
RE DISCCART  19.09  37.48  1.2
RE DISCCART  20.51  36.06  1.2
RE DISCCART  21.92  34.65  1.2
RE DISCCART  34.65  21.92  1.2
RE DISCCART  36.06  20.51  1.2
RE DISCCART  37.48  19.09  1.2
RE DISCCART  38.89  17.68  1.2
RE DISCCART  40.31  16.26  1.2
RE DISCCART  42.43  14.14  1.2
RE DISCCART  45.96  10.61  1.2
RE DISCCART  49.5  7.07  1.2
RE DISCCART  56.57  0.0  1.2
RE DISCCART  63.64  -7.07  1.2
RE DISCCART  70.71  -14.14  1.2
RE DISCCART  77.78  -21.21  1.2
RE DISCCART  84.85  -28.28  1.2
RE DISCCART  91.92  -35.36  1.2
RE DISCCART  98.99  -42.43  1.2
RE DISCCART  -35.36  106.07  1.2
RE DISCCART  -28.28  98.99  1.2
RE DISCCART  -21.21  91.92  1.2
RE DISCCART  -14.14  84.85  1.2
RE DISCCART  -7.07  77.78  1.2
RE DISCCART  0.0  70.71  1.2
RE DISCCART  7.07  63.64  1.2
RE DISCCART  14.14  56.57  1.2
RE DISCCART  17.68  53.03  1.2
RE DISCCART  21.21  49.5  1.2
RE DISCCART  23.33  47.38  1.2
RE DISCCART  24.75  45.96  1.2
RE DISCCART  26.16  44.55  1.2
RE DISCCART  27.58  43.13  1.2
RE DISCCART  28.99  41.72  1.2
RE DISCCART  41.72  28.99  1.2
RE DISCCART  43.13  27.58  1.2
RE DISCCART  44.55  26.16  1.2
RE DISCCART  45.96  24.75  1.2
RE DISCCART  47.38  23.33  1.2
RE DISCCART  49.5  21.21  1.2
RE DISCCART  53.03  17.68  1.2
RE DISCCART  56.57  14.14  1.2
```

```
RE DISCCART  63.64  7.07  1.2
RE DISCCART  70.71  0.0  1.2
RE DISCCART  77.78  -7.07  1.2
RE DISCCART  84.85  -14.14  1.2
RE DISCCART  91.92  -21.21  1.2
RE DISCCART  98.99  -28.28  1.2
RE DISCCART  106.07  -35.36  1.2
RE DISCCART  -28.28  113.14  1.2
RE DISCCART  -21.21  106.07  1.2
RE DISCCART  -14.14  98.99  1.2
RE DISCCART  -7.07  91.92  1.2
RE DISCCART  0.0  84.85  1.2
RE DISCCART  7.07  77.78  1.2
RE DISCCART  14.14  70.71  1.2
RE DISCCART  21.21  63.64  1.2
RE DISCCART  24.75  60.1  1.2
RE DISCCART  28.28  56.57  1.2
RE DISCCART  30.41  54.45  1.2
RE DISCCART  31.82  53.03  1.2
RE DISCCART  33.23  51.62  1.2
RE DISCCART  34.65  50.2  1.2
RE DISCCART  36.06  48.79  1.2
RE DISCCART  48.79  36.06  1.2
RE DISCCART  50.2  34.65  1.2
RE DISCCART  51.62  33.23  1.2
RE DISCCART  53.03  31.82  1.2
RE DISCCART  54.45  30.41  1.2
RE DISCCART  56.57  28.28  1.2
RE DISCCART  60.1  24.75  1.2
RE DISCCART  63.64  21.21  1.2
RE DISCCART  70.71  14.14  1.2
RE DISCCART  77.78  7.07  1.2
RE DISCCART  84.85  0.0  1.2
RE DISCCART  91.92  -7.07  1.2
RE DISCCART  98.99  -14.14  1.2
RE DISCCART  106.07  -21.21  1.2
RE DISCCART  113.14  -28.28  1.2
RE DISCCART  -21.21  120.21  1.2
RE DISCCART  -14.14  113.14  1.2
RE DISCCART  -7.07  106.07  1.2
RE DISCCART  0.0  98.99  1.2
RE DISCCART  7.07  91.92  1.2
RE DISCCART  14.14  84.85  1.2
RE DISCCART  21.21  77.78  1.2
```

```
RE DISCCART  28.28  70.71  1.2
RE DISCCART  31.82  67.18  1.2
RE DISCCART  35.36  63.64  1.2
RE DISCCART  37.48  61.52  1.2
RE DISCCART  38.89  60.1  1.2
RE DISCCART  40.31  58.69  1.2
RE DISCCART  41.72  57.28  1.2
RE DISCCART  43.13  55.86  1.2
RE DISCCART  55.86  43.13  1.2
RE DISCCART  57.28  41.72  1.2
RE DISCCART  58.69  40.31  1.2
RE DISCCART  60.1  38.89  1.2
RE DISCCART  61.52  37.48  1.2
RE DISCCART  63.64  35.36  1.2
RE DISCCART  67.18  31.82  1.2
RE DISCCART  70.71  28.28  1.2
RE DISCCART  77.78  21.21  1.2
RE DISCCART  84.85  14.14  1.2
RE DISCCART  91.92  7.07  1.2
RE DISCCART  98.99  0.0  1.2
RE DISCCART  106.07  -7.07  1.2
RE DISCCART  113.14  -14.14  1.2
RE DISCCART  120.21  -21.21  1.2
RE DISCCART  -14.14  127.28  1.2
RE DISCCART  -7.07  120.21  1.2
RE DISCCART  0.0  113.14  1.2
RE DISCCART  7.07  106.07  1.2
RE DISCCART  14.14  98.99  1.2
RE DISCCART  21.21  91.92  1.2
RE DISCCART  28.28  84.85  1.2
RE DISCCART  35.36  77.78  1.2
RE DISCCART  38.89  74.25  1.2
RE DISCCART  42.43  70.71  1.2
RE DISCCART  44.55  68.59  1.2
RE DISCCART  45.96  67.18  1.2
RE DISCCART  47.38  65.76  1.2
RE DISCCART  48.79  64.35  1.2
RE DISCCART  50.2  62.93  1.2
RE DISCCART  62.93  50.2  1.2
RE DISCCART  64.35  48.79  1.2
RE DISCCART  65.76  47.38  1.2
RE DISCCART  67.18  45.96  1.2
RE DISCCART  68.59  44.55  1.2
RE DISCCART  70.71  42.43  1.2
```

```
RE DISCCART  74.25  38.89  1.2
RE DISCCART  77.78  35.36  1.2
RE DISCCART  84.85  28.28  1.2
RE DISCCART  91.92  21.21  1.2
RE DISCCART  98.99  14.14  1.2
RE DISCCART  106.07  7.07  1.2
RE DISCCART  113.14  0.0  1.2
RE DISCCART  120.21  -7.07  1.2
RE DISCCART  127.28  -14.14  1.2
RE DISCCART  -7.07  134.35  1.2
RE DISCCART  0.0  127.28  1.2
RE DISCCART  7.07  120.21  1.2
RE DISCCART  14.14  113.14  1.2
RE DISCCART  21.21  106.07  1.2
RE DISCCART  28.28  98.99  1.2
RE DISCCART  35.36  91.92  1.2
RE DISCCART  42.43  84.85  1.2
RE DISCCART  45.96  81.32  1.2
RE DISCCART  49.5  77.78  1.2
RE DISCCART  51.62  75.66  1.2
RE DISCCART  53.03  74.25  1.2
RE DISCCART  54.45  72.83  1.2
RE DISCCART  55.86  71.42  1.2
RE DISCCART  57.28  70.0  1.2
RE DISCCART  70.0  57.28  1.2
RE DISCCART  71.42  55.86  1.2
RE DISCCART  72.83  54.45  1.2
RE DISCCART  74.25  53.03  1.2
RE DISCCART  75.66  51.62  1.2
RE DISCCART  77.78  49.5  1.2
RE DISCCART  81.32  45.96  1.2
RE DISCCART  84.85  42.43  1.2
RE DISCCART  91.92  35.36  1.2
RE DISCCART  98.99  28.28  1.2
RE DISCCART  106.07  21.21  1.2
RE DISCCART  113.14  14.14  1.2
RE DISCCART  120.21  7.07  1.2
RE DISCCART  127.28  0.0  1.2
RE DISCCART  134.35  -7.07  1.2
RE DISCCART  0.0  141.42  1.2
RE DISCCART  7.07  134.35  1.2
RE DISCCART  14.14  127.28  1.2
RE DISCCART  21.21  120.21  1.2
RE DISCCART  28.28  113.14  1.2
```

```
RE DISCCART  35.36  106.07  1.2
RE DISCCART  42.43  98.99  1.2
RE DISCCART  49.5  91.92  1.2
RE DISCCART  53.03  88.39  1.2
RE DISCCART  56.57  84.85  1.2
RE DISCCART  58.69  82.73  1.2
RE DISCCART  60.1  81.32  1.2
RE DISCCART  61.52  79.9  1.2
RE DISCCART  62.93  78.49  1.2
RE DISCCART  64.35  77.07  1.2
RE DISCCART  77.07  64.35  1.2
RE DISCCART  78.49  62.93  1.2
RE DISCCART  79.9  61.52  1.2
RE DISCCART  81.32  60.1  1.2
RE DISCCART  82.73  58.69  1.2
RE DISCCART  84.85  56.57  1.2
RE DISCCART  88.39  53.03  1.2
RE DISCCART  91.92  49.5  1.2
RE DISCCART  98.99  42.43  1.2
RE DISCCART  106.07  35.36  1.2
RE DISCCART  113.14  28.28  1.2
RE DISCCART  120.21  21.21  1.2
RE DISCCART  127.28  14.14  1.2
RE DISCCART  134.35  7.07  1.2
RE DISCCART  141.42  0.0  1.2
RE DISCCART  7.07  148.49  1.2
RE DISCCART  14.14  141.42  1.2
RE DISCCART  21.21  134.35  1.2
RE DISCCART  28.28  127.28  1.2
RE DISCCART  35.36  120.21  1.2
RE DISCCART  42.43  113.14  1.2
RE DISCCART  49.5  106.07  1.2
RE DISCCART  56.57  98.99  1.2
RE DISCCART  60.1  95.46  1.2
RE DISCCART  63.64  91.92  1.2
RE DISCCART  65.76  89.8  1.2
RE DISCCART  67.18  88.39  1.2
RE DISCCART  68.59  86.97  1.2
RE DISCCART  70.0  85.56  1.2
RE DISCCART  71.42  84.15  1.2
RE DISCCART  84.15  71.42  1.2
RE DISCCART  85.56  70.0  1.2
RE DISCCART  86.97  68.59  1.2
RE DISCCART  88.39  67.18  1.2
```

```
RE DISCCART  89.8  65.76  1.2
RE DISCCART  91.92  63.64  1.2
RE DISCCART  95.46  60.1  1.2
RE DISCCART  98.99  56.57  1.2
RE DISCCART  106.07  49.5  1.2
RE DISCCART  113.14  42.43  1.2
RE DISCCART  120.21  35.36  1.2
RE DISCCART  127.28  28.28  1.2
RE DISCCART  134.35  21.21  1.2
RE DISCCART  141.42  14.14  1.2
RE DISCCART  148.49  7.07  1.2
RE DISCCART  14.14  155.56  1.2
RE DISCCART  21.21  148.49  1.2
RE DISCCART  28.28  141.42  1.2
RE DISCCART  35.36  134.35  1.2
RE DISCCART  42.43  127.28  1.2
RE DISCCART  49.5  120.21  1.2
RE DISCCART  56.57  113.14  1.2
RE DISCCART  63.64  106.07  1.2
RE DISCCART  67.18  102.53  1.2
RE DISCCART  70.71  98.99  1.2
RE DISCCART  72.83  96.87  1.2
RE DISCCART  74.25  95.46  1.2
RE DISCCART  75.66  94.05  1.2
RE DISCCART  77.07  92.63  1.2
RE DISCCART  78.49  91.22  1.2
RE DISCCART  91.22  78.49  1.2
RE DISCCART  92.63  77.07  1.2
RE DISCCART  94.05  75.66  1.2
RE DISCCART  95.46  74.25  1.2
RE DISCCART  96.87  72.83  1.2
RE DISCCART  98.99  70.71  1.2
RE DISCCART  102.53  67.18  1.2
RE DISCCART  106.07  63.64  1.2
RE DISCCART  113.14  56.57  1.2
RE DISCCART  120.21  49.5  1.2
RE DISCCART  127.28  42.43  1.2
RE DISCCART  134.35  35.36  1.2
RE DISCCART  141.42  28.28  1.2
RE DISCCART  148.49  21.21  1.2
RE DISCCART  155.56  14.14  1.2
RE DISCCART  21.21  162.63  1.2
RE DISCCART  28.28  155.56  1.2
RE DISCCART  35.36  148.49  1.2
```

```
RE DISCCART  42.43  141.42  1.2
RE DISCCART  49.5  134.35  1.2
RE DISCCART  56.57  127.28  1.2
RE DISCCART  63.64  120.21  1.2
RE DISCCART  70.71  113.14  1.2
RE DISCCART  74.25  109.6  1.2
RE DISCCART  77.78  106.07  1.2
RE DISCCART  79.9  103.94  1.2
RE DISCCART  81.32  102.53  1.2
RE DISCCART  82.73  101.12  1.2
RE DISCCART  84.15  99.7  1.2
RE DISCCART  85.56  98.29  1.2
RE DISCCART  98.29  85.56  1.2
RE DISCCART  99.7  84.15  1.2
RE DISCCART  101.12  82.73  1.2
RE DISCCART  102.53  81.32  1.2
RE DISCCART  103.94  79.9  1.2
RE DISCCART  106.07  77.78  1.2
RE DISCCART  109.6  74.25  1.2
RE DISCCART  113.14  70.71  1.2
RE DISCCART  120.21  63.64  1.2
RE DISCCART  127.28  56.57  1.2
RE DISCCART  134.35  49.5  1.2
RE DISCCART  141.42  42.43  1.2
RE DISCCART  148.49  35.36  1.2
RE DISCCART  155.56  28.28  1.2
RE DISCCART  162.63  21.21  1.2
RE DISCCART  28.28  169.71  1.2
RE DISCCART  35.36  162.63  1.2
RE DISCCART  42.43  155.56  1.2
RE DISCCART  49.5  148.49  1.2
RE DISCCART  56.57  141.42  1.2
RE DISCCART  63.64  134.35  1.2
RE DISCCART  70.71  127.28  1.2
RE DISCCART  77.78  120.21  1.2
RE DISCCART  81.32  116.67  1.2
RE DISCCART  84.85  113.14  1.2
RE DISCCART  86.97  111.02  1.2
RE DISCCART  88.39  109.6  1.2
RE DISCCART  89.8  108.19  1.2
RE DISCCART  91.22  106.77  1.2
RE DISCCART  92.63  105.36  1.2
RE DISCCART  105.36  92.63  1.2
RE DISCCART  106.77  91.22  1.2
```

```
RE DISCCART  108.19  89.8  1.2
RE DISCCART  109.6  88.39  1.2
RE DISCCART  111.02  86.97  1.2
RE DISCCART  113.14  84.85  1.2
RE DISCCART  116.67  81.32  1.2
RE DISCCART  120.21  77.78  1.2
RE DISCCART  127.28  70.71  1.2
RE DISCCART  134.35  63.64  1.2
RE DISCCART  141.42  56.57  1.2
RE DISCCART  148.49  49.5  1.2
RE DISCCART  155.56  42.43  1.2
RE DISCCART  162.63  35.36  1.2
RE DISCCART  169.71  28.28  1.2
RE DISCCART  35.36  176.78  1.2
RE DISCCART  42.43  169.71  1.2
RE DISCCART  49.5  162.63  1.2
RE DISCCART  56.57  155.56  1.2
RE DISCCART  63.64  148.49  1.2
RE DISCCART  70.71  141.42  1.2
RE DISCCART  77.78  134.35  1.2
RE DISCCART  84.85  127.28  1.2
RE DISCCART  88.39  123.74  1.2
RE DISCCART  91.92  120.21  1.2
RE DISCCART  94.05  118.09  1.2
RE DISCCART  95.46  116.67  1.2
RE DISCCART  96.87  115.26  1.2
RE DISCCART  98.29  113.84  1.2
RE DISCCART  99.7  112.43  1.2
RE DISCCART  112.43  99.7  1.2
RE DISCCART  113.84  98.29  1.2
RE DISCCART  115.26  96.87  1.2
RE DISCCART  116.67  95.46  1.2
RE DISCCART  118.09  94.05  1.2
RE DISCCART  120.21  91.92  1.2
RE DISCCART  123.74  88.39  1.2
RE DISCCART  127.28  84.85  1.2
RE DISCCART  134.35  77.78  1.2
RE DISCCART  141.42  70.71  1.2
RE DISCCART  148.49  63.64  1.2
RE DISCCART  155.56  56.57  1.2
RE DISCCART  162.63  49.5  1.2
RE DISCCART  169.71  42.43  1.2
RE DISCCART  176.78  35.36  1.2
RE DISCCART  42.43  183.85  1.2
```

```
RE DISCCART  49.5  176.78  1.2
RE DISCCART  56.57  169.71  1.2
RE DISCCART  63.64  162.63  1.2
RE DISCCART  70.71  155.56  1.2
RE DISCCART  77.78  148.49  1.2
RE DISCCART  84.85  141.42  1.2
RE DISCCART  91.92  134.35  1.2
RE DISCCART  95.46  130.81  1.2
RE DISCCART  98.99  127.28  1.2
RE DISCCART  101.12  125.16  1.2
RE DISCCART  102.53  123.74  1.2
RE DISCCART  103.94  122.33  1.2
RE DISCCART  105.36  120.92  1.2
RE DISCCART  106.77  119.5  1.2
RE DISCCART  119.5  106.77  1.2
RE DISCCART  120.92  105.36  1.2
RE DISCCART  122.33  103.94  1.2
RE DISCCART  123.74  102.53  1.2
RE DISCCART  125.16  101.12  1.2
RE DISCCART  127.28  98.99  1.2
RE DISCCART  130.81  95.46  1.2
RE DISCCART  134.35  91.92  1.2
RE DISCCART  141.42  84.85  1.2
RE DISCCART  148.49  77.78  1.2
RE DISCCART  155.56  70.71  1.2
RE DISCCART  162.63  63.64  1.2
RE DISCCART  169.71  56.57  1.2
RE DISCCART  176.78  49.5  1.2
RE DISCCART  183.85  42.43  1.2
RE DISCCART  49.5  190.92  1.2
RE DISCCART  56.57  183.85  1.2
RE DISCCART  63.64  176.78  1.2
RE DISCCART  70.71  169.71  1.2
RE DISCCART  77.78  162.63  1.2
RE DISCCART  84.85  155.56  1.2
RE DISCCART  91.92  148.49  1.2
RE DISCCART  98.99  141.42  1.2
RE DISCCART  102.53  137.89  1.2
RE DISCCART  106.07  134.35  1.2
RE DISCCART  108.19  132.23  1.2
RE DISCCART  109.6  130.81  1.2
RE DISCCART  111.02  129.4  1.2
RE DISCCART  112.43  127.99  1.2
RE DISCCART  113.84  126.57  1.2
```

```
RE DISCCART  126.57  113.84  1.2
RE DISCCART  127.99  112.43  1.2
RE DISCCART  129.4  111.02  1.2
RE DISCCART  130.81  109.6  1.2
RE DISCCART  132.23  108.19  1.2
RE DISCCART  134.35  106.07  1.2
RE DISCCART  137.89  102.53  1.2
RE DISCCART  141.42  98.99  1.2
RE DISCCART  148.49  91.92  1.2
RE DISCCART  155.56  84.85  1.2
RE DISCCART  162.63  77.78  1.2
RE DISCCART  169.71  70.71  1.2
RE DISCCART  176.78  63.64  1.2
RE DISCCART  183.85  56.57  1.2
RE DISCCART  190.92  49.5  1.2
RE DISCCART  56.57  197.99  1.2
RE DISCCART  63.64  190.92  1.2
RE DISCCART  70.71  183.85  1.2
RE DISCCART  77.78  176.78  1.2
RE DISCCART  84.85  169.71  1.2
RE DISCCART  91.92  162.63  1.2
RE DISCCART  98.99  155.56  1.2
RE DISCCART  106.07  148.49  1.2
RE DISCCART  109.6  144.96  1.2
RE DISCCART  113.14  141.42  1.2
RE DISCCART  115.26  139.3  1.2
RE DISCCART  116.67  137.89  1.2
RE DISCCART  118.09  136.47  1.2
RE DISCCART  119.5  135.06  1.2
RE DISCCART  120.92  133.64  1.2
RE DISCCART  133.64  120.92  1.2
RE DISCCART  135.06  119.5  1.2
RE DISCCART  136.47  118.09  1.2
RE DISCCART  137.89  116.67  1.2
RE DISCCART  139.3  115.26  1.2
RE DISCCART  141.42  113.14  1.2
RE DISCCART  144.96  109.6  1.2
RE DISCCART  148.49  106.07  1.2
RE DISCCART  155.56  98.99  1.2
RE DISCCART  162.63  91.92  1.2
RE DISCCART  169.71  84.85  1.2
RE DISCCART  176.78  77.78  1.2
RE DISCCART  183.85  70.71  1.2
RE DISCCART  190.92  63.64  1.2
```

```
RE DISCCART  197.99  56.57  1.2
RE DISCCART  63.64  205.06  1.2
RE DISCCART  70.71  197.99  1.2
RE DISCCART  77.78  190.92  1.2
RE DISCCART  84.85  183.85  1.2
RE DISCCART  91.92  176.78  1.2
RE DISCCART  98.99  169.71  1.2
RE DISCCART  106.07  162.63  1.2
RE DISCCART  113.14  155.56  1.2
RE DISCCART  116.67  152.03  1.2
RE DISCCART  120.21  148.49  1.2
RE DISCCART  122.33  146.37  1.2
RE DISCCART  123.74  144.96  1.2
RE DISCCART  125.16  143.54  1.2
RE DISCCART  126.57  142.13  1.2
RE DISCCART  127.99  140.71  1.2
RE DISCCART  140.71  127.99  1.2
RE DISCCART  142.13  126.57  1.2
RE DISCCART  143.54  125.16  1.2
RE DISCCART  144.96  123.74  1.2
RE DISCCART  146.37  122.33  1.2
RE DISCCART  148.49  120.21  1.2
RE DISCCART  152.03  116.67  1.2
RE DISCCART  155.56  113.14  1.2
RE DISCCART  162.63  106.07  1.2
RE DISCCART  169.71  98.99  1.2
RE DISCCART  176.78  91.92  1.2
RE DISCCART  183.85  84.85  1.2
RE DISCCART  190.92  77.78  1.2
RE DISCCART  197.99  70.71  1.2
RE DISCCART  205.06  63.64  1.2
RE DISCCART  70.71  212.13  1.2
RE DISCCART  77.78  205.06  1.2
RE DISCCART  84.85  197.99  1.2
RE DISCCART  91.92  190.92  1.2
RE DISCCART  98.99  183.85  1.2
RE DISCCART  106.07  176.78  1.2
RE DISCCART  113.14  169.71  1.2
RE DISCCART  120.21  162.63  1.2
RE DISCCART  123.74  159.1  1.2
RE DISCCART  127.28  155.56  1.2
RE DISCCART  129.4  153.44  1.2
RE DISCCART  130.81  152.03  1.2
RE DISCCART  132.23  150.61  1.2
```

```
RE DISCCART  133.64  149.2  1.2
RE DISCCART  135.06  147.79  1.2
RE DISCCART  147.79  135.06  1.2
RE DISCCART  149.2  133.64  1.2
RE DISCCART  150.61  132.23  1.2
RE DISCCART  152.03  130.81  1.2
RE DISCCART  153.44  129.4  1.2
RE DISCCART  155.56  127.28  1.2
RE DISCCART  159.1  123.74  1.2
RE DISCCART  162.63  120.21  1.2
RE DISCCART  169.71  113.14  1.2
RE DISCCART  176.78  106.07  1.2
RE DISCCART  183.85  98.99  1.2
RE DISCCART  190.92  91.92  1.2
RE DISCCART  197.99  84.85  1.2
RE DISCCART  205.06  77.78  1.2
RE DISCCART  212.13  70.71  1.2
RE DISCCART  77.78  219.2  1.2
RE DISCCART  84.85  212.13  1.2
RE DISCCART  91.92  205.06  1.2
RE DISCCART  98.99  197.99  1.2
RE DISCCART  106.07  190.92  1.2
RE DISCCART  113.14  183.85  1.2
RE DISCCART  120.21  176.78  1.2
RE DISCCART  127.28  169.71  1.2
RE DISCCART  130.81  166.17  1.2
RE DISCCART  134.35  162.63  1.2
RE DISCCART  136.47  160.51  1.2
RE DISCCART  137.89  159.1  1.2
RE DISCCART  139.3  157.68  1.2
RE DISCCART  140.71  156.27  1.2
RE DISCCART  142.13  154.86  1.2
RE DISCCART  154.86  142.13  1.2
RE DISCCART  156.27  140.71  1.2
RE DISCCART  157.68  139.3  1.2
RE DISCCART  159.1  137.89  1.2
RE DISCCART  160.51  136.47  1.2
RE DISCCART  162.63  134.35  1.2
RE DISCCART  166.17  130.81  1.2
RE DISCCART  169.71  127.28  1.2
RE DISCCART  176.78  120.21  1.2
RE DISCCART  183.85  113.14  1.2
RE DISCCART  190.92  106.07  1.2
RE DISCCART  197.99  98.99  1.2
```

```
RE DISCCART  205.06  91.92  1.2
RE DISCCART  212.13  84.85  1.2
RE DISCCART  219.2  77.78  1.2
RE DISCCART  84.85  226.27  1.2
RE DISCCART  91.92  219.2  1.2
RE DISCCART  98.99  212.13  1.2
RE DISCCART  106.07  205.06  1.2
RE DISCCART  113.14  197.99  1.2
RE DISCCART  120.21  190.92  1.2
RE DISCCART  127.28  183.85  1.2
RE DISCCART  134.35  176.78  1.2
RE DISCCART  137.89  173.24  1.2
RE DISCCART  141.42  169.71  1.2
RE DISCCART  143.54  167.58  1.2
RE DISCCART  144.96  166.17  1.2
RE DISCCART  146.37  164.76  1.2
RE DISCCART  147.79  163.34  1.2
RE DISCCART  149.2  161.93  1.2
RE DISCCART  161.93  149.2  1.2
RE DISCCART  163.34  147.79  1.2
RE DISCCART  164.76  146.37  1.2
RE DISCCART  166.17  144.96  1.2
RE DISCCART  167.58  143.54  1.2
RE DISCCART  169.71  141.42  1.2
RE DISCCART  173.24  137.89  1.2
RE DISCCART  176.78  134.35  1.2
RE DISCCART  183.85  127.28  1.2
RE DISCCART  190.92  120.21  1.2
RE DISCCART  197.99  113.14  1.2
RE DISCCART  205.06  106.07  1.2
RE DISCCART  212.13  98.99  1.2
RE DISCCART  219.2  91.92  1.2
RE DISCCART  226.27  84.85  1.2
RE DISCCART  91.92  233.35  1.2
RE DISCCART  98.99  226.27  1.2
RE DISCCART  106.07  219.2  1.2
RE DISCCART  113.14  212.13  1.2
RE DISCCART  120.21  205.06  1.2
RE DISCCART  127.28  197.99  1.2
RE DISCCART  134.35  190.92  1.2
RE DISCCART  141.42  183.85  1.2
RE DISCCART  144.96  180.31  1.2
RE DISCCART  148.49  176.78  1.2
RE DISCCART  150.61  174.66  1.2
```

```
RE DISCCART  152.03  173.24  1.2
RE DISCCART  153.44  171.83  1.2
RE DISCCART  154.86  170.41  1.2
RE DISCCART  156.27  169.0  1.2
RE DISCCART  169.0  156.27  1.2
RE DISCCART  170.41  154.86  1.2
RE DISCCART  171.83  153.44  1.2
RE DISCCART  173.24  152.03  1.2
RE DISCCART  174.66  150.61  1.2
RE DISCCART  176.78  148.49  1.2
RE DISCCART  180.31  144.96  1.2
RE DISCCART  183.85  141.42  1.2
RE DISCCART  190.92  134.35  1.2
RE DISCCART  197.99  127.28  1.2
RE DISCCART  205.06  120.21  1.2
RE DISCCART  212.13  113.14  1.2
RE DISCCART  219.2  106.07  1.2
RE DISCCART  226.27  98.99  1.2
RE DISCCART  233.35  91.92  1.2
RE DISCCART  98.99  240.42  1.2
RE DISCCART  106.07  233.35  1.2
RE DISCCART  113.14  226.27  1.2
RE DISCCART  120.21  219.2  1.2
RE DISCCART  127.28  212.13  1.2
RE DISCCART  134.35  205.06  1.2
RE DISCCART  141.42  197.99  1.2
RE DISCCART  148.49  190.92  1.2
RE DISCCART  152.03  187.38  1.2
RE DISCCART  155.56  183.85  1.2
RE DISCCART  157.68  181.73  1.2
RE DISCCART  159.1  180.31  1.2
RE DISCCART  160.51  178.9  1.2
RE DISCCART  161.93  177.48  1.2
RE DISCCART  163.34  176.07  1.2
RE DISCCART  176.07  163.34  1.2
RE DISCCART  177.48  161.93  1.2
RE DISCCART  178.9  160.51  1.2
RE DISCCART  180.31  159.1  1.2
RE DISCCART  181.73  157.68  1.2
RE DISCCART  183.85  155.56  1.2
RE DISCCART  187.38  152.03  1.2
RE DISCCART  190.92  148.49  1.2
RE DISCCART  197.99  141.42  1.2
RE DISCCART  205.06  134.35  1.2
```

```
RE DISCCART  212.13  127.28  1.2
RE DISCCART  219.2  120.21  1.2
RE DISCCART  226.27  113.14  1.2
RE DISCCART  233.35  106.07  1.2
RE DISCCART  240.42  98.99  1.2
RE DISCCART  106.07  247.49  1.2
RE DISCCART  113.14  240.42  1.2
RE DISCCART  120.21  233.35  1.2
RE DISCCART  127.28  226.27  1.2
RE DISCCART  134.35  219.2  1.2
RE DISCCART  141.42  212.13  1.2
RE DISCCART  148.49  205.06  1.2
RE DISCCART  155.56  197.99  1.2
RE DISCCART  159.1  194.45  1.2
RE DISCCART  162.63  190.92  1.2
RE DISCCART  164.76  188.8  1.2
RE DISCCART  166.17  187.38  1.2
RE DISCCART  167.58  185.97  1.2
RE DISCCART  169.0  184.55  1.2
RE DISCCART  170.41  183.14  1.2
RE DISCCART  183.14  170.41  1.2
RE DISCCART  184.55  169.0  1.2
RE DISCCART  185.97  167.58  1.2
RE DISCCART  187.38  166.17  1.2
RE DISCCART  188.8  164.76  1.2
RE DISCCART  190.92  162.63  1.2
RE DISCCART  194.45  159.1  1.2
RE DISCCART  197.99  155.56  1.2
RE DISCCART  205.06  148.49  1.2
RE DISCCART  212.13  141.42  1.2
RE DISCCART  219.2  134.35  1.2
RE DISCCART  226.27  127.28  1.2
RE DISCCART  233.35  120.21  1.2
RE DISCCART  240.42  113.14  1.2
RE DISCCART  247.49  106.07  1.2
RE FINISHED

ME STARTING
ME INPUTFIL  "C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC"
ME ANEMHGHT  10  METERS
ME SURFDATA  4901  1994
ME UAIRDATA  4901  1994
ME STARTEND  1994  01  01  1  1994  12  31  24
ME FINISHED
```

```
 OU STARTING

 OU FINISHED


 ** PROJECTN  0 104 7 -177 0 0.9996 500000 0

 ** OUTFILE  "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound.lst"

 ** RAWFILE  "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound.RAW"

 ** RAWFMT  2

 ** HILLBOUN  0 0 0 0



 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                      ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                   ***
      17:43:25
 **MODELOPTs:
      PAGE   1
 CONC                   URBAN FLAT  FLGPOL DFAULT


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

 **Intermediate Terrain Processing is Selected

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

   --  SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION.  DDPLETE =  F
 **Model Uses NO WET DEPLETION.  WDPLETE =  F
 **NO WET SCAVENGING Data Provided.
 **NO GAS DRY DEPOSITION Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

 **Model Uses URBAN Dispersion.

 **Model Uses Regulatory DEFAULT Options:
            1. Final Plume Rise.
            2. Stack-tip Downwash.
            3. Buoyancy-induced Dispersion.
            4. Use Calms Processing Routine.
            5. Not Use Missing Data Processing Routine.
            6. Default Wind Profile Exponents.
            7. Default Vertical Potential Temperature Gradients.
            8. "Upper Bound" Values for Supersquat Buildings.
            9. No Exponential Decay for URBAN/Non-SO2

 **Model Assumes Receptors on FLAT Terrain.

 **Model Accepts FLAGPOLE Receptor Heights.

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:     5 Source(s);      6 Source Group(s); and    1530 Receptor(s)

 **The Model Assumes A Pollutant Type of:  OTHER

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

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor

 **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:  Anem. Hgt. (m) =    10.00 ;    Decay Coef. =       0.0000 ;    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 =     1.3 MB of RAM.

 **Input Runstream File:          C:\NCRA\MODELING\DPMRIS~1\TRAVEL~1\NAPA\11NCRA~1.DAT
```

```
 **Output Print File:             C:\NCRA\MODELING\DPMRIS~1\TRAVEL~1\NAPA\\11NCRA~1.LST

1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
       04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                  ***
       17:43:25
 **MODELOPTs:
       PAGE   2
 CONC                    URBAN FLAT  FLGPOL DFAULT
```

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
NCRA_S1	0	0.21100E-07	92.3	98.6	0.0	4.95	9.00	90.00	45.00	2.30	
NCRA_S2	0	0.21100E-07	28.6	35.0	0.0	4.95	9.00	90.00	45.00	2.30	
NCRA_S3	0	0.21100E-07	-35.0	-28.6	0.0	4.95	9.00	90.00	45.00	2.30	
NCRA_S4	0	0.21100E-07	-98.6	-92.3	0.0	4.95	9.00	90.00	45.00	2.30	
NCRA_S5	0	0.21100E-07	-162.3	-155.9	0.0	4.95	9.00	90.00	45.00	2.30	

```
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
       04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                  ***
       17:43:25
 **MODELOPTs:
       PAGE   3
 CONC                    URBAN FLAT  FLGPOL DFAULT
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
NCRA_S1	NCRA_S1 ,
NCRA_S2	NCRA_S2 ,
NCRA_S3	NCRA_S3 ,
NCRA_S4	NCRA_S4 ,
NCRA_S5	NCRA_S5 ,
ALL	NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

```
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
       04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                  ***
       17:43:25
 **MODELOPTs:
       PAGE   4
 CONC                    URBAN FLAT  FLGPOL DFAULT
```

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

```
     (   -247.5,    -106.1,       0.0,       1.2);          (   -240.4,    -113.1,       0.0,       1.2);

     (   -233.4,    -120.2,       0.0,       1.2);          (   -226.3,    -127.3,       0.0,       1.2);

     (   -219.2,    -134.4,       0.0,       1.2);          (   -212.1,    -141.4,       0.0,       1.2);
```

```
(   -205.1,    -148.5,       0.0,       1.2);          (   -198.0,    -155.6,       0.0,       1.2);
(   -194.4,    -159.1,       0.0,       1.2);          (   -190.9,    -162.6,       0.0,       1.2);
(   -188.8,    -164.8,       0.0,       1.2);          (   -187.4,    -166.2,       0.0,       1.2);
(   -186.0,    -167.6,       0.0,       1.2);          (   -184.6,    -169.0,       0.0,       1.2);
(   -183.1,    -170.4,       0.0,       1.2);          (   -170.4,    -183.1,       0.0,       1.2);
(   -169.0,    -184.6,       0.0,       1.2);          (   -167.6,    -186.0,       0.0,       1.2);
(   -166.2,    -187.4,       0.0,       1.2);          (   -164.8,    -188.8,       0.0,       1.2);
(   -162.6,    -190.9,       0.0,       1.2);          (   -159.1,    -194.4,       0.0,       1.2);
(   -155.6,    -198.0,       0.0,       1.2);          (   -148.5,    -205.1,       0.0,       1.2);
(   -141.4,    -212.1,       0.0,       1.2);          (   -134.4,    -219.2,       0.0,       1.2);
(   -127.3,    -226.3,       0.0,       1.2);          (   -120.2,    -233.4,       0.0,       1.2);
(   -113.1,    -240.4,       0.0,       1.2);          (   -106.1,    -247.5,       0.0,       1.2);
(   -240.4,     -99.0,       0.0,       1.2);          (   -233.4,    -106.1,       0.0,       1.2);
(   -226.3,    -113.1,       0.0,       1.2);          (   -219.2,    -120.2,       0.0,       1.2);
(   -212.1,    -127.3,       0.0,       1.2);          (   -205.1,    -134.4,       0.0,       1.2);
(   -198.0,    -141.4,       0.0,       1.2);          (   -190.9,    -148.5,       0.0,       1.2);
(   -187.4,    -152.0,       0.0,       1.2);          (   -183.9,    -155.6,       0.0,       1.2);
(   -181.7,    -157.7,       0.0,       1.2);          (   -180.3,    -159.1,       0.0,       1.2);
(   -178.9,    -160.5,       0.0,       1.2);          (   -177.5,    -161.9,       0.0,       1.2);
(   -176.1,    -163.3,       0.0,       1.2);          (   -163.3,    -176.1,       0.0,       1.2);
(   -161.9,    -177.5,       0.0,       1.2);          (   -160.5,    -178.9,       0.0,       1.2);
(   -159.1,    -180.3,       0.0,       1.2);          (   -157.7,    -181.7,       0.0,       1.2);
(   -155.6,    -183.9,       0.0,       1.2);          (   -152.0,    -187.4,       0.0,       1.2);
(   -148.5,    -190.9,       0.0,       1.2);          (   -141.4,    -198.0,       0.0,       1.2);
(   -134.4,    -205.1,       0.0,       1.2);          (   -127.3,    -212.1,       0.0,       1.2);
(   -120.2,    -219.2,       0.0,       1.2);          (   -113.1,    -226.3,       0.0,       1.2);
(   -106.1,    -233.4,       0.0,       1.2);          (    -99.0,    -240.4,       0.0,       1.2);
(   -233.4,     -91.9,       0.0,       1.2);          (   -226.3,     -99.0,       0.0,       1.2);
(   -219.2,    -106.1,       0.0,       1.2);          (   -212.1,    -113.1,       0.0,       1.2);
(   -205.1,    -120.2,       0.0,       1.2);          (   -198.0,    -127.3,       0.0,       1.2);
(   -190.9,    -134.4,       0.0,       1.2);          (   -183.9,    -141.4,       0.0,       1.2);
(   -180.3,    -145.0,       0.0,       1.2);          (   -176.8,    -148.5,       0.0,       1.2);
(   -174.7,    -150.6,       0.0,       1.2);          (   -173.2,    -152.0,       0.0,       1.2);
(   -171.8,    -153.4,       0.0,       1.2);          (   -170.4,    -154.9,       0.0,       1.2);
(   -169.0,    -156.3,       0.0,       1.2);          (   -156.3,    -169.0,       0.0,       1.2);
(   -154.9,    -170.4,       0.0,       1.2);          (   -153.4,    -171.8,       0.0,       1.2);
(   -152.0,    -173.2,       0.0,       1.2);          (   -150.6,    -174.7,       0.0,       1.2);
(   -148.5,    -176.8,       0.0,       1.2);          (   -145.0,    -180.3,       0.0,       1.2);
(   -141.4,    -183.9,       0.0,       1.2);          (   -134.4,    -190.9,       0.0,       1.2);
(   -127.3,    -198.0,       0.0,       1.2);          (   -120.2,    -205.1,       0.0,       1.2);
(   -113.1,    -212.1,       0.0,       1.2);          (   -106.1,    -219.2,       0.0,       1.2);
(    -99.0,    -226.3,       0.0,       1.2);          (    -91.9,    -233.4,       0.0,       1.2);
```

**MODELOPTs:
PAGE 5
CONC URBAN FLAT FLGPOL DFAULT

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

(-226.3,	-84.8,	0.0,	1.2);	(-219.2,	-91.9,	0.0,	1.2);
(-212.1,	-99.0,	0.0,	1.2);	(-205.1,	-106.1,	0.0,	1.2);
(-198.0,	-113.1,	0.0,	1.2);	(-190.9,	-120.2,	0.0,	1.2);
(-183.9,	-127.3,	0.0,	1.2);	(-176.8,	-134.4,	0.0,	1.2);
(-173.2,	-137.9,	0.0,	1.2);	(-169.7,	-141.4,	0.0,	1.2);
(-167.6,	-143.5,	0.0,	1.2);	(-166.2,	-145.0,	0.0,	1.2);
(-164.8,	-146.4,	0.0,	1.2);	(-163.3,	-147.8,	0.0,	1.2);
(-161.9,	-149.2,	0.0,	1.2);	(-149.2,	-161.9,	0.0,	1.2);
(-147.8,	-163.3,	0.0,	1.2);	(-146.4,	-164.8,	0.0,	1.2);
(-145.0,	-166.2,	0.0,	1.2);	(-143.5,	-167.6,	0.0,	1.2);
(-141.4,	-169.7,	0.0,	1.2);	(-137.9,	-173.2,	0.0,	1.2);
(-134.4,	-176.8,	0.0,	1.2);	(-127.3,	-183.9,	0.0,	1.2);
(-120.2,	-190.9,	0.0,	1.2);	(-113.1,	-198.0,	0.0,	1.2);
(-106.1,	-205.1,	0.0,	1.2);	(-99.0,	-212.1,	0.0,	1.2);
(-91.9,	-219.2,	0.0,	1.2);	(-84.8,	-226.3,	0.0,	1.2);
(-219.2,	-77.8,	0.0,	1.2);	(-212.1,	-84.8,	0.0,	1.2);
(-205.1,	-91.9,	0.0,	1.2);	(-198.0,	-99.0,	0.0,	1.2);
(-190.9,	-106.1,	0.0,	1.2);	(-183.9,	-113.1,	0.0,	1.2);
(-176.8,	-120.2,	0.0,	1.2);	(-169.7,	-127.3,	0.0,	1.2);
(-166.2,	-130.8,	0.0,	1.2);	(-162.6,	-134.4,	0.0,	1.2);
(-160.5,	-136.5,	0.0,	1.2);	(-159.1,	-137.9,	0.0,	1.2);
(-157.7,	-139.3,	0.0,	1.2);	(-156.3,	-140.7,	0.0,	1.2);
(-154.9,	-142.1,	0.0,	1.2);	(-142.1,	-154.9,	0.0,	1.2);
(-140.7,	-156.3,	0.0,	1.2);	(-139.3,	-157.7,	0.0,	1.2);
(-137.9,	-159.1,	0.0,	1.2);	(-136.5,	-160.5,	0.0,	1.2);
(-134.4,	-162.6,	0.0,	1.2);	(-130.8,	-166.2,	0.0,	1.2);
(-127.3,	-169.7,	0.0,	1.2);	(-120.2,	-176.8,	0.0,	1.2);
(-113.1,	-183.9,	0.0,	1.2);	(-106.1,	-190.9,	0.0,	1.2);
(-99.0,	-198.0,	0.0,	1.2);	(-91.9,	-205.1,	0.0,	1.2);
(-84.8,	-212.1,	0.0,	1.2);	(-77.8,	-219.2,	0.0,	1.2);
(-212.1,	-70.7,	0.0,	1.2);	(-205.1,	-77.8,	0.0,	1.2);
(-198.0,	-84.8,	0.0,	1.2);	(-190.9,	-91.9,	0.0,	1.2);
(-183.9,	-99.0,	0.0,	1.2);	(-176.8,	-106.1,	0.0,	1.2);
(-169.7,	-113.1,	0.0,	1.2);	(-162.6,	-120.2,	0.0,	1.2);
(-159.1,	-123.7,	0.0,	1.2);	(-155.6,	-127.3,	0.0,	1.2);
(-153.4,	-129.4,	0.0,	1.2);	(-152.0,	-130.8,	0.0,	1.2);
(-150.6,	-132.2,	0.0,	1.2);	(-149.2,	-133.6,	0.0,	1.2);
(-147.8,	-135.1,	0.0,	1.2);	(-135.1,	-147.8,	0.0,	1.2);
(-133.6,	-149.2,	0.0,	1.2);	(-132.2,	-150.6,	0.0,	1.2);

```
(   -130.8,    -152.0,       0.0,       1.2);          (   -129.4,    -153.4,       0.0,       1.2);

(   -127.3,    -155.6,       0.0,       1.2);          (   -123.7,    -159.1,       0.0,       1.2);

(   -120.2,    -162.6,       0.0,       1.2);          (   -113.1,    -169.7,       0.0,       1.2);

(   -106.1,    -176.8,       0.0,       1.2);          (    -99.0,    -183.9,       0.0,       1.2);

(    -91.9,    -190.9,       0.0,       1.2);          (    -84.8,    -198.0,       0.0,       1.2);

(    -77.8,    -205.1,       0.0,       1.2);          (    -70.7,    -212.1,       0.0,       1.2);
```

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 6
CONC URBAN FLAT FLGPOL DFAULT

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

```
(   -205.1,     -63.6,       0.0,       1.2);          (   -198.0,     -70.7,       0.0,       1.2);

(   -190.9,     -77.8,       0.0,       1.2);          (   -183.9,     -84.8,       0.0,       1.2);

(   -176.8,     -91.9,       0.0,       1.2);          (   -169.7,     -99.0,       0.0,       1.2);

(   -162.6,    -106.1,       0.0,       1.2);          (   -155.6,    -113.1,       0.0,       1.2);

(   -152.0,    -116.7,       0.0,       1.2);          (   -148.5,    -120.2,       0.0,       1.2);

(   -146.4,    -122.3,       0.0,       1.2);          (   -145.0,    -123.7,       0.0,       1.2);

(   -143.5,    -125.2,       0.0,       1.2);          (   -142.1,    -126.6,       0.0,       1.2);

(   -140.7,    -128.0,       0.0,       1.2);          (   -128.0,    -140.7,       0.0,       1.2);

(   -126.6,    -142.1,       0.0,       1.2);          (   -125.2,    -143.5,       0.0,       1.2);

(   -123.7,    -145.0,       0.0,       1.2);          (   -122.3,    -146.4,       0.0,       1.2);

(   -120.2,    -148.5,       0.0,       1.2);          (   -116.7,    -152.0,       0.0,       1.2);

(   -113.1,    -155.6,       0.0,       1.2);          (   -106.1,    -162.6,       0.0,       1.2);

(    -99.0,    -169.7,       0.0,       1.2);          (    -91.9,    -176.8,       0.0,       1.2);

(    -84.8,    -183.9,       0.0,       1.2);          (    -77.8,    -190.9,       0.0,       1.2);

(    -70.7,    -198.0,       0.0,       1.2);          (    -63.6,    -205.1,       0.0,       1.2);

(   -198.0,     -56.6,       0.0,       1.2);          (   -190.9,     -63.6,       0.0,       1.2);

(   -183.9,     -70.7,       0.0,       1.2);          (   -176.8,     -77.8,       0.0,       1.2);

(   -169.7,     -84.8,       0.0,       1.2);          (   -162.6,     -91.9,       0.0,       1.2);

(   -155.6,     -99.0,       0.0,       1.2);          (   -148.5,    -106.1,       0.0,       1.2);

(   -145.0,    -109.6,       0.0,       1.2);          (   -141.4,    -113.1,       0.0,       1.2);

(   -139.3,    -115.3,       0.0,       1.2);          (   -137.9,    -116.7,       0.0,       1.2);

(   -136.5,    -118.1,       0.0,       1.2);          (   -135.1,    -119.5,       0.0,       1.2);

(   -133.6,    -120.9,       0.0,       1.2);          (   -120.9,    -133.6,       0.0,       1.2);

(   -119.5,    -135.1,       0.0,       1.2);          (   -118.1,    -136.5,       0.0,       1.2);

(   -116.7,    -137.9,       0.0,       1.2);          (   -115.3,    -139.3,       0.0,       1.2);

(   -113.1,    -141.4,       0.0,       1.2);          (   -109.6,    -145.0,       0.0,       1.2);

(   -106.1,    -148.5,       0.0,       1.2);          (    -99.0,    -155.6,       0.0,       1.2);

(    -91.9,    -162.6,       0.0,       1.2);          (    -84.8,    -169.7,       0.0,       1.2);

(    -77.8,    -176.8,       0.0,       1.2);          (    -70.7,    -183.9,       0.0,       1.2);

(    -63.6,    -190.9,       0.0,       1.2);          (    -56.6,    -198.0,       0.0,       1.2);

(   -190.9,     -49.5,       0.0,       1.2);          (   -183.9,     -56.6,       0.0,       1.2);
```

```
(   -176.8,     -63.6,       0.0,       1.2);          (   -169.7,     -70.7,       0.0,       1.2);

(   -162.6,     -77.8,       0.0,       1.2);          (   -155.6,     -84.8,       0.0,       1.2);

(   -148.5,     -91.9,       0.0,       1.2);          (   -141.4,     -99.0,       0.0,       1.2);

(   -137.9,    -102.5,       0.0,       1.2);          (   -134.4,    -106.1,       0.0,       1.2);

(   -132.2,    -108.2,       0.0,       1.2);          (   -130.8,    -109.6,       0.0,       1.2);

(   -129.4,    -111.0,       0.0,       1.2);          (   -128.0,    -112.4,       0.0,       1.2);

(   -126.6,    -113.8,       0.0,       1.2);          (   -113.8,    -126.6,       0.0,       1.2);

(   -112.4,    -128.0,       0.0,       1.2);          (   -111.0,    -129.4,       0.0,       1.2);

(   -109.6,    -130.8,       0.0,       1.2);          (   -108.2,    -132.2,       0.0,       1.2);

(   -106.1,    -134.4,       0.0,       1.2);          (   -102.5,    -137.9,       0.0,       1.2);

(    -99.0,    -141.4,       0.0,       1.2);          (    -91.9,    -148.5,       0.0,       1.2);

(    -84.8,    -155.6,       0.0,       1.2);          (    -77.8,    -162.6,       0.0,       1.2);

(    -70.7,    -169.7,       0.0,       1.2);          (    -63.6,    -176.8,       0.0,       1.2);

(    -56.6,    -183.9,       0.0,       1.2);          (    -49.5,    -190.9,       0.0,       1.2);
```


CONC URBAN FLAT FLGPOL DFAULT

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

```
(   -183.9,     -42.4,       0.0,       1.2);          (   -176.8,     -49.5,       0.0,       1.2);

(   -169.7,     -56.6,       0.0,       1.2);          (   -162.6,     -63.6,       0.0,       1.2);

(   -155.6,     -70.7,       0.0,       1.2);          (   -148.5,     -77.8,       0.0,       1.2);

(   -141.4,     -84.8,       0.0,       1.2);          (   -134.4,     -91.9,       0.0,       1.2);

(   -130.8,     -95.5,       0.0,       1.2);          (   -127.3,     -99.0,       0.0,       1.2);

(   -125.2,    -101.1,       0.0,       1.2);          (   -123.7,    -102.5,       0.0,       1.2);

(   -122.3,    -103.9,       0.0,       1.2);          (   -120.9,    -105.4,       0.0,       1.2);

(   -119.5,    -106.8,       0.0,       1.2);          (   -106.8,    -119.5,       0.0,       1.2);

(   -105.4,    -120.9,       0.0,       1.2);          (   -103.9,    -122.3,       0.0,       1.2);

(   -102.5,    -123.7,       0.0,       1.2);          (   -101.1,    -125.2,       0.0,       1.2);

(    -99.0,    -127.3,       0.0,       1.2);          (    -95.5,    -130.8,       0.0,       1.2);

(    -91.9,    -134.4,       0.0,       1.2);          (    -84.8,    -141.4,       0.0,       1.2);

(    -77.8,    -148.5,       0.0,       1.2);          (    -70.7,    -155.6,       0.0,       1.2);

(    -63.6,    -162.6,       0.0,       1.2);          (    -56.6,    -169.7,       0.0,       1.2);

(    -49.5,    -176.8,       0.0,       1.2);          (    -42.4,    -183.9,       0.0,       1.2);

(   -176.8,     -35.4,       0.0,       1.2);          (   -169.7,     -42.4,       0.0,       1.2);

(   -162.6,     -49.5,       0.0,       1.2);          (   -155.6,     -56.6,       0.0,       1.2);

(   -148.5,     -63.6,       0.0,       1.2);          (   -141.4,     -70.7,       0.0,       1.2);

(   -134.4,     -77.8,       0.0,       1.2);          (   -127.3,     -84.8,       0.0,       1.2);

(   -123.7,     -88.4,       0.0,       1.2);          (   -120.2,     -91.9,       0.0,       1.2);

(   -118.1,     -94.1,       0.0,       1.2);          (   -116.7,     -95.5,       0.0,       1.2);

(   -115.3,     -96.9,       0.0,       1.2);          (   -113.8,     -98.3,       0.0,       1.2);

(   -112.4,     -99.7,       0.0,       1.2);          (    -99.7,    -112.4,       0.0,       1.2);
```

```
(    -98.3,    -113.8,       0.0,       1.2);          (    -96.9,    -115.3,       0.0,       1.2);
(    -95.5,    -116.7,       0.0,       1.2);          (    -94.1,    -118.1,       0.0,       1.2);
(    -91.9,    -120.2,       0.0,       1.2);          (    -88.4,    -123.7,       0.0,       1.2);
(    -84.8,    -127.3,       0.0,       1.2);          (    -77.8,    -134.4,       0.0,       1.2);
(    -70.7,    -141.4,       0.0,       1.2);          (    -63.6,    -148.5,       0.0,       1.2);
(    -56.6,    -155.6,       0.0,       1.2);          (    -49.5,    -162.6,       0.0,       1.2);
(    -42.4,    -169.7,       0.0,       1.2);          (    -35.4,    -176.8,       0.0,       1.2);
(   -169.7,     -28.3,       0.0,       1.2);          (   -162.6,     -35.4,       0.0,       1.2);
(   -155.6,     -42.4,       0.0,       1.2);          (   -148.5,     -49.5,       0.0,       1.2);
(   -141.4,     -56.6,       0.0,       1.2);          (   -134.4,     -63.6,       0.0,       1.2);
(   -127.3,     -70.7,       0.0,       1.2);          (   -120.2,     -77.8,       0.0,       1.2);
(   -116.7,     -81.3,       0.0,       1.2);          (   -113.1,     -84.8,       0.0,       1.2);
(   -111.0,     -87.0,       0.0,       1.2);          (   -109.6,     -88.4,       0.0,       1.2);
(   -108.2,     -89.8,       0.0,       1.2);          (   -106.8,     -91.2,       0.0,       1.2);
(   -105.4,     -92.6,       0.0,       1.2);          (    -92.6,    -105.4,       0.0,       1.2);
(    -91.2,    -106.8,       0.0,       1.2);          (    -89.8,    -108.2,       0.0,       1.2);
(    -88.4,    -109.6,       0.0,       1.2);          (    -87.0,    -111.0,       0.0,       1.2);
(    -84.8,    -113.1,       0.0,       1.2);          (    -81.3,    -116.7,       0.0,       1.2);
(    -77.8,    -120.2,       0.0,       1.2);          (    -70.7,    -127.3,       0.0,       1.2);
(    -63.6,    -134.4,       0.0,       1.2);          (    -56.6,    -141.4,       0.0,       1.2);
(    -49.5,    -148.5,       0.0,       1.2);          (    -42.4,    -155.6,       0.0,       1.2);
(    -35.4,    -162.6,       0.0,       1.2);          (    -28.3,    -169.7,       0.0,       1.2);
```

```
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                 ***
      17:43:25
 **MODELOPTs:
      PAGE   8
 CONC                    URBAN FLAT  FLGPOL DFAULT


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZFLAG)
                                                      (METERS)
(   -162.6,     -21.2,       0.0,       1.2);          (   -155.6,     -28.3,       0.0,       1.2);
(   -148.5,     -35.4,       0.0,       1.2);          (   -141.4,     -42.4,       0.0,       1.2);
(   -134.4,     -49.5,       0.0,       1.2);          (   -127.3,     -56.6,       0.0,       1.2);
(   -120.2,     -63.6,       0.0,       1.2);          (   -113.1,     -70.7,       0.0,       1.2);
(   -109.6,     -74.2,       0.0,       1.2);          (   -106.1,     -77.8,       0.0,       1.2);
(   -103.9,     -79.9,       0.0,       1.2);          (   -102.5,     -81.3,       0.0,       1.2);
(   -101.1,     -82.7,       0.0,       1.2);          (    -99.7,     -84.2,       0.0,       1.2);
(    -98.3,     -85.6,       0.0,       1.2);          (    -85.6,     -98.3,       0.0,       1.2);
(    -84.2,     -99.7,       0.0,       1.2);          (    -82.7,    -101.1,       0.0,       1.2);
(    -81.3,    -102.5,       0.0,       1.2);          (    -79.9,    -103.9,       0.0,       1.2);
(    -77.8,    -106.1,       0.0,       1.2);          (    -74.2,    -109.6,       0.0,       1.2);
(    -70.7,    -113.1,       0.0,       1.2);          (    -63.6,    -120.2,       0.0,       1.2);
(    -56.6,    -127.3,       0.0,       1.2);          (    -49.5,    -134.4,       0.0,       1.2);
(    -42.4,    -141.4,       0.0,       1.2);          (    -35.4,    -148.5,       0.0,       1.2);
(    -28.3,    -155.6,       0.0,       1.2);          (    -21.2,    -162.6,       0.0,       1.2);
```

```
(   -155.6,     -14.1,       0.0,       1.2);          (   -148.5,     -21.2,       0.0,       1.2);
(   -141.4,     -28.3,       0.0,       1.2);          (   -134.4,     -35.4,       0.0,       1.2);
(   -127.3,     -42.4,       0.0,       1.2);          (   -120.2,     -49.5,       0.0,       1.2);
(   -113.1,     -56.6,       0.0,       1.2);          (   -106.1,     -63.6,       0.0,       1.2);
(   -102.5,     -67.2,       0.0,       1.2);          (    -99.0,     -70.7,       0.0,       1.2);
(    -96.9,     -72.8,       0.0,       1.2);          (    -95.5,     -74.2,       0.0,       1.2);
(    -94.1,     -75.7,       0.0,       1.2);          (    -92.6,     -77.1,       0.0,       1.2);
(    -91.2,     -78.5,       0.0,       1.2);          (    -78.5,     -91.2,       0.0,       1.2);
(    -77.1,     -92.6,       0.0,       1.2);          (    -75.7,     -94.1,       0.0,       1.2);
(    -74.2,     -95.5,       0.0,       1.2);          (    -72.8,     -96.9,       0.0,       1.2);
(    -70.7,     -99.0,       0.0,       1.2);          (    -67.2,    -102.5,       0.0,       1.2);
(    -63.6,    -106.1,       0.0,       1.2);          (    -56.6,    -113.1,       0.0,       1.2);
(    -49.5,    -120.2,       0.0,       1.2);          (    -42.4,    -127.3,       0.0,       1.2);
(    -35.4,    -134.4,       0.0,       1.2);          (    -28.3,    -141.4,       0.0,       1.2);
(    -21.2,    -148.5,       0.0,       1.2);          (    -14.1,    -155.6,       0.0,       1.2);
(   -148.5,      -7.1,       0.0,       1.2);          (   -141.4,     -14.1,       0.0,       1.2);
(   -134.4,     -21.2,       0.0,       1.2);          (   -127.3,     -28.3,       0.0,       1.2);
(   -120.2,     -35.4,       0.0,       1.2);          (   -113.1,     -42.4,       0.0,       1.2);
(   -106.1,     -49.5,       0.0,       1.2);          (    -99.0,     -56.6,       0.0,       1.2);
(    -95.5,     -60.1,       0.0,       1.2);          (    -91.9,     -63.6,       0.0,       1.2);
(    -89.8,     -65.8,       0.0,       1.2);          (    -88.4,     -67.2,       0.0,       1.2);
(    -87.0,     -68.6,       0.0,       1.2);          (    -85.6,     -70.0,       0.0,       1.2);
(    -84.2,     -71.4,       0.0,       1.2);          (    -71.4,     -84.2,       0.0,       1.2);
(    -70.0,     -85.6,       0.0,       1.2);          (    -68.6,     -87.0,       0.0,       1.2);
(    -67.2,     -88.4,       0.0,       1.2);          (    -65.8,     -89.8,       0.0,       1.2);
(    -63.6,     -91.9,       0.0,       1.2);          (    -60.1,     -95.5,       0.0,       1.2);
(    -56.6,     -99.0,       0.0,       1.2);          (    -49.5,    -106.1,       0.0,       1.2);
(    -42.4,    -113.1,       0.0,       1.2);          (    -35.4,    -120.2,       0.0,       1.2);
(    -28.3,    -127.3,       0.0,       1.2);          (    -21.2,    -134.4,       0.0,       1.2);
(    -14.1,    -141.4,       0.0,       1.2);          (     -7.1,    -148.5,       0.0,       1.2);
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                  ***
      17:43:25
 **MODELOPTs:
      PAGE   9
 CONC                    URBAN FLAT  FLGPOL DFAULT


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZFLAG)
                                                      (METERS)
(   -141.4,       0.0,       0.0,       1.2);          (   -134.4,      -7.1,       0.0,       1.2);
(   -127.3,     -14.1,       0.0,       1.2);          (   -120.2,     -21.2,       0.0,       1.2);
(   -113.1,     -28.3,       0.0,       1.2);          (   -106.1,     -35.4,       0.0,       1.2);
(    -99.0,     -42.4,       0.0,       1.2);          (    -91.9,     -49.5,       0.0,       1.2);
(    -88.4,     -53.0,       0.0,       1.2);          (    -84.8,     -56.6,       0.0,       1.2);
(    -82.7,     -58.7,       0.0,       1.2);          (    -81.3,     -60.1,       0.0,       1.2);
(    -79.9,     -61.5,       0.0,       1.2);          (    -78.5,     -62.9,       0.0,       1.2);
```

```
(    -77.1,     -64.3,       0.0,       1.2);          (    -64.3,     -77.1,       0.0,       1.2);
(    -62.9,     -78.5,       0.0,       1.2);          (    -61.5,     -79.9,       0.0,       1.2);
(    -60.1,     -81.3,       0.0,       1.2);          (    -58.7,     -82.7,       0.0,       1.2);
(    -56.6,     -84.8,       0.0,       1.2);          (    -53.0,     -88.4,       0.0,       1.2);
(    -49.5,     -91.9,       0.0,       1.2);          (    -42.4,     -99.0,       0.0,       1.2);
(    -35.4,    -106.1,       0.0,       1.2);          (    -28.3,    -113.1,       0.0,       1.2);
(    -21.2,    -120.2,       0.0,       1.2);          (    -14.1,    -127.3,       0.0,       1.2);
(     -7.1,    -134.4,       0.0,       1.2);          (      0.0,    -141.4,       0.0,       1.2);
(   -134.4,       7.1,       0.0,       1.2);          (   -127.3,       0.0,       0.0,       1.2);
(   -120.2,      -7.1,       0.0,       1.2);          (   -113.1,     -14.1,       0.0,       1.2);
(   -106.1,     -21.2,       0.0,       1.2);          (    -99.0,     -28.3,       0.0,       1.2);
(    -91.9,     -35.4,       0.0,       1.2);          (    -84.8,     -42.4,       0.0,       1.2);
(    -81.3,     -46.0,       0.0,       1.2);          (    -77.8,     -49.5,       0.0,       1.2);
(    -75.7,     -51.6,       0.0,       1.2);          (    -74.2,     -53.0,       0.0,       1.2);
(    -72.8,     -54.5,       0.0,       1.2);          (    -71.4,     -55.9,       0.0,       1.2);
(    -70.0,     -57.3,       0.0,       1.2);          (    -57.3,     -70.0,       0.0,       1.2);
(    -55.9,     -71.4,       0.0,       1.2);          (    -54.5,     -72.8,       0.0,       1.2);
(    -53.0,     -74.2,       0.0,       1.2);          (    -51.6,     -75.7,       0.0,       1.2);
(    -49.5,     -77.8,       0.0,       1.2);          (    -46.0,     -81.3,       0.0,       1.2);
(    -42.4,     -84.8,       0.0,       1.2);          (    -35.4,     -91.9,       0.0,       1.2);
(    -28.3,     -99.0,       0.0,       1.2);          (    -21.2,    -106.1,       0.0,       1.2);
(    -14.1,    -113.1,       0.0,       1.2);          (     -7.1,    -120.2,       0.0,       1.2);
(      0.0,    -127.3,       0.0,       1.2);          (      7.1,    -134.4,       0.0,       1.2);
(   -127.3,      14.1,       0.0,       1.2);          (   -120.2,       7.1,       0.0,       1.2);
(   -113.1,       0.0,       0.0,       1.2);          (   -106.1,      -7.1,       0.0,       1.2);
(    -99.0,     -14.1,       0.0,       1.2);          (    -91.9,     -21.2,       0.0,       1.2);
(    -84.8,     -28.3,       0.0,       1.2);          (    -77.8,     -35.4,       0.0,       1.2);
(    -74.2,     -38.9,       0.0,       1.2);          (    -70.7,     -42.4,       0.0,       1.2);
(    -68.6,     -44.5,       0.0,       1.2);          (    -67.2,     -46.0,       0.0,       1.2);
(    -65.8,     -47.4,       0.0,       1.2);          (    -64.3,     -48.8,       0.0,       1.2);
(    -62.9,     -50.2,       0.0,       1.2);          (    -50.2,     -62.9,       0.0,       1.2);
(    -48.8,     -64.3,       0.0,       1.2);          (    -47.4,     -65.8,       0.0,       1.2);
(    -46.0,     -67.2,       0.0,       1.2);          (    -44.5,     -68.6,       0.0,       1.2);
(    -42.4,     -70.7,       0.0,       1.2);          (    -38.9,     -74.2,       0.0,       1.2);
(    -35.4,     -77.8,       0.0,       1.2);          (    -28.3,     -84.8,       0.0,       1.2);
(    -21.2,     -91.9,       0.0,       1.2);          (    -14.1,     -99.0,       0.0,       1.2);
(     -7.1,    -106.1,       0.0,       1.2);          (      0.0,    -113.1,       0.0,       1.2);
(      7.1,    -120.2,       0.0,       1.2);          (     14.1,    -127.3,       0.0,       1.2);
```


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

```
(  -120.2,     21.2,      0.0,      1.2);        (  -113.1,     14.1,      0.0,      1.2);
(  -106.1,      7.1,      0.0,      1.2);        (   -99.0,      0.0,      0.0,      1.2);
(   -91.9,     -7.1,      0.0,      1.2);        (   -84.8,    -14.1,      0.0,      1.2);
(   -77.8,    -21.2,      0.0,      1.2);        (   -70.7,    -28.3,      0.0,      1.2);
(   -67.2,    -31.8,      0.0,      1.2);        (   -63.6,    -35.4,      0.0,      1.2);
(   -61.5,    -37.5,      0.0,      1.2);        (   -60.1,    -38.9,      0.0,      1.2);
(   -58.7,    -40.3,      0.0,      1.2);        (   -57.3,    -41.7,      0.0,      1.2);
(   -55.9,    -43.1,      0.0,      1.2);        (   -43.1,    -55.9,      0.0,      1.2);
(   -41.7,    -57.3,      0.0,      1.2);        (   -40.3,    -58.7,      0.0,      1.2);
(   -38.9,    -60.1,      0.0,      1.2);        (   -37.5,    -61.5,      0.0,      1.2);
(   -35.4,    -63.6,      0.0,      1.2);        (   -31.8,    -67.2,      0.0,      1.2);
(   -28.3,    -70.7,      0.0,      1.2);        (   -21.2,    -77.8,      0.0,      1.2);
(   -14.1,    -84.8,      0.0,      1.2);        (    -7.1,    -91.9,      0.0,      1.2);
(     0.0,    -99.0,      0.0,      1.2);        (     7.1,   -106.1,      0.0,      1.2);
(    14.1,   -113.1,      0.0,      1.2);        (    21.2,   -120.2,      0.0,      1.2);
(  -113.1,     28.3,      0.0,      1.2);        (  -106.1,     21.2,      0.0,      1.2);
(   -99.0,     14.1,      0.0,      1.2);        (   -91.9,      7.1,      0.0,      1.2);
(   -84.8,      0.0,      0.0,      1.2);        (   -77.8,     -7.1,      0.0,      1.2);
(   -70.7,    -14.1,      0.0,      1.2);        (   -63.6,    -21.2,      0.0,      1.2);
(   -60.1,    -24.8,      0.0,      1.2);        (   -56.6,    -28.3,      0.0,      1.2);
(   -54.5,    -30.4,      0.0,      1.2);        (   -53.0,    -31.8,      0.0,      1.2);
(   -51.6,    -33.2,      0.0,      1.2);        (   -50.2,    -34.7,      0.0,      1.2);
(   -48.8,    -36.1,      0.0,      1.2);        (   -36.1,    -48.8,      0.0,      1.2);
(   -34.7,    -50.2,      0.0,      1.2);        (   -33.2,    -51.6,      0.0,      1.2);
(   -31.8,    -53.0,      0.0,      1.2);        (   -30.4,    -54.5,      0.0,      1.2);
(   -28.3,    -56.6,      0.0,      1.2);        (   -24.8,    -60.1,      0.0,      1.2);
(   -21.2,    -63.6,      0.0,      1.2);        (   -14.1,    -70.7,      0.0,      1.2);
(    -7.1,    -77.8,      0.0,      1.2);        (     0.0,    -84.8,      0.0,      1.2);
(     7.1,    -91.9,      0.0,      1.2);        (    14.1,    -99.0,      0.0,      1.2);
(    21.2,   -106.1,      0.0,      1.2);        (    28.3,   -113.1,      0.0,      1.2);
(  -106.1,     35.4,      0.0,      1.2);        (   -99.0,     28.3,      0.0,      1.2);
(   -91.9,     21.2,      0.0,      1.2);        (   -84.8,     14.1,      0.0,      1.2);
(   -77.8,      7.1,      0.0,      1.2);        (   -70.7,      0.0,      0.0,      1.2);
(   -63.6,     -7.1,      0.0,      1.2);        (   -56.6,    -14.1,      0.0,      1.2);
(   -53.0,    -17.7,      0.0,      1.2);        (   -49.5,    -21.2,      0.0,      1.2);
(   -47.4,    -23.3,      0.0,      1.2);        (   -46.0,    -24.8,      0.0,      1.2);
(   -44.5,    -26.2,      0.0,      1.2);        (   -43.1,    -27.6,      0.0,      1.2);
(   -41.7,    -29.0,      0.0,      1.2);        (   -29.0,    -41.7,      0.0,      1.2);
(   -27.6,    -43.1,      0.0,      1.2);        (   -26.2,    -44.5,      0.0,      1.2);
(   -24.8,    -46.0,      0.0,      1.2);        (   -23.3,    -47.4,      0.0,      1.2);
(   -21.2,    -49.5,      0.0,      1.2);        (   -17.7,    -53.0,      0.0,      1.2);
(   -14.1,    -56.6,      0.0,      1.2);        (    -7.1,    -63.6,      0.0,      1.2);
(     0.0,    -70.7,      0.0,      1.2);        (     7.1,    -77.8,      0.0,      1.2);
```

```
(     14.1,     -84.8,       0.0,       1.2);          (     21.2,     -91.9,       0.0,       1.2);

(     28.3,     -99.0,       0.0,       1.2);          (     35.4,    -106.1,       0.0,       1.2);

1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                          ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                        ***
      17:43:25
 **MODELOPTs:
      PAGE  11
 CONC                    URBAN FLAT  FLGPOL DFAULT


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

(    -99.0,      42.4,       0.0,       1.2);          (    -91.9,      35.4,       0.0,       1.2);

(    -84.8,      28.3,       0.0,       1.2);          (    -77.8,      21.2,       0.0,       1.2);

(    -70.7,      14.1,       0.0,       1.2);          (    -63.6,       7.1,       0.0,       1.2);

(    -56.6,       0.0,       0.0,       1.2);          (    -49.5,      -7.1,       0.0,       1.2);

(    -46.0,     -10.6,       0.0,       1.2);          (    -42.4,     -14.1,       0.0,       1.2);

(    -40.3,     -16.3,       0.0,       1.2);          (    -38.9,     -17.7,       0.0,       1.2);

(    -37.5,     -19.1,       0.0,       1.2);          (    -36.1,     -20.5,       0.0,       1.2);

(    -34.7,     -21.9,       0.0,       1.2);          (    -21.9,     -34.7,       0.0,       1.2);

(    -20.5,     -36.1,       0.0,       1.2);          (    -19.1,     -37.5,       0.0,       1.2);

(    -17.7,     -38.9,       0.0,       1.2);          (    -16.3,     -40.3,       0.0,       1.2);

(    -14.1,     -42.4,       0.0,       1.2);          (    -10.6,     -46.0,       0.0,       1.2);

(     -7.1,     -49.5,       0.0,       1.2);          (      0.0,     -56.6,       0.0,       1.2);

(      7.1,     -63.6,       0.0,       1.2);          (     14.1,     -70.7,       0.0,       1.2);

(     21.2,     -77.8,       0.0,       1.2);          (     28.3,     -84.8,       0.0,       1.2);

(     35.4,     -91.9,       0.0,       1.2);          (     42.4,     -99.0,       0.0,       1.2);

(    -91.9,      49.5,       0.0,       1.2);          (    -84.8,      42.4,       0.0,       1.2);

(    -77.8,      35.4,       0.0,       1.2);          (    -70.7,      28.3,       0.0,       1.2);

(    -63.6,      21.2,       0.0,       1.2);          (    -56.6,      14.1,       0.0,       1.2);

(    -49.5,       7.1,       0.0,       1.2);          (    -42.4,       0.0,       0.0,       1.2);

(    -38.9,      -3.5,       0.0,       1.2);          (    -35.4,      -7.1,       0.0,       1.2);

(    -33.2,      -9.2,       0.0,       1.2);          (    -31.8,     -10.6,       0.0,       1.2);

(    -30.4,     -12.0,       0.0,       1.2);          (    -29.0,     -13.4,       0.0,       1.2);

(    -27.6,     -14.9,       0.0,       1.2);          (    -14.9,     -27.6,       0.0,       1.2);

(    -13.4,     -29.0,       0.0,       1.2);          (    -12.0,     -30.4,       0.0,       1.2);

(    -10.6,     -31.8,       0.0,       1.2);          (     -9.2,     -33.2,       0.0,       1.2);

(     -7.1,     -35.4,       0.0,       1.2);          (     -3.5,     -38.9,       0.0,       1.2);

(      0.0,     -42.4,       0.0,       1.2);          (      7.1,     -49.5,       0.0,       1.2);

(     14.1,     -56.6,       0.0,       1.2);          (     21.2,     -63.6,       0.0,       1.2);

(     28.3,     -70.7,       0.0,       1.2);          (     35.4,     -77.8,       0.0,       1.2);

(     42.4,     -84.8,       0.0,       1.2);          (     49.5,     -91.9,       0.0,       1.2);

(    -84.8,      56.6,       0.0,       1.2);          (    -77.8,      49.5,       0.0,       1.2);

(    -70.7,      42.4,       0.0,       1.2);          (    -63.6,      35.4,       0.0,       1.2);

(    -56.6,      28.3,       0.0,       1.2);          (    -49.5,      21.2,       0.0,       1.2);

(    -42.4,      14.1,       0.0,       1.2);          (    -35.4,       7.1,       0.0,       1.2);

(    -31.8,       3.5,       0.0,       1.2);          (    -28.3,       0.0,       0.0,       1.2);
```

```
(    -26.2,      -2.1,       0.0,       1.2);          (    -24.8,      -3.5,       0.0,       1.2);

(    -23.3,      -4.9,       0.0,       1.2);          (    -21.9,      -6.4,       0.0,       1.2);

(    -20.5,      -7.8,       0.0,       1.2);          (     -7.8,     -20.5,       0.0,       1.2);

(     -6.4,     -21.9,       0.0,       1.2);          (     -4.9,     -23.3,       0.0,       1.2);

(     -3.5,     -24.8,       0.0,       1.2);          (     -2.1,     -26.2,       0.0,       1.2);

(      0.0,     -28.3,       0.0,       1.2);          (      3.5,     -31.8,       0.0,       1.2);

(      7.1,     -35.4,       0.0,       1.2);          (     14.1,     -42.4,       0.0,       1.2);

(     21.2,     -49.5,       0.0,       1.2);          (     28.3,     -56.6,       0.0,       1.2);

(     35.4,     -63.6,       0.0,       1.2);          (     42.4,     -70.7,       0.0,       1.2);

(     49.5,     -77.8,       0.0,       1.2);          (     56.6,     -84.8,       0.0,       1.2);

1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                 ***
      17:43:25
 **MODELOPTs:
      PAGE  12
 CONC                    URBAN FLAT  FLGPOL DFAULT


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

(    -77.8,      63.6,       0.0,       1.2);          (    -70.7,      56.6,       0.0,       1.2);

(    -63.6,      49.5,       0.0,       1.2);          (    -56.6,      42.4,       0.0,       1.2);

(    -49.5,      35.4,       0.0,       1.2);          (    -42.4,      28.3,       0.0,       1.2);

(    -35.4,      21.2,       0.0,       1.2);          (    -28.3,      14.1,       0.0,       1.2);

(    -24.8,      10.6,       0.0,       1.2);          (    -21.2,       7.1,       0.0,       1.2);

(    -19.1,       4.9,       0.0,       1.2);          (    -17.7,       3.5,       0.0,       1.2);

(    -16.3,       2.1,       0.0,       1.2);          (    -14.9,       0.7,       0.0,       1.2);

(    -13.4,      -0.7,       0.0,       1.2);          (     -0.7,     -13.4,       0.0,       1.2);

(      0.7,     -14.9,       0.0,       1.2);          (      2.1,     -16.3,       0.0,       1.2);

(      3.5,     -17.7,       0.0,       1.2);          (      4.9,     -19.1,       0.0,       1.2);

(      7.1,     -21.2,       0.0,       1.2);          (     10.6,     -24.8,       0.0,       1.2);

(     14.1,     -28.3,       0.0,       1.2);          (     21.2,     -35.4,       0.0,       1.2);

(     28.3,     -42.4,       0.0,       1.2);          (     35.4,     -49.5,       0.0,       1.2);

(     42.4,     -56.6,       0.0,       1.2);          (     49.5,     -63.6,       0.0,       1.2);

(     56.6,     -70.7,       0.0,       1.2);          (     63.6,     -77.8,       0.0,       1.2);

(    -70.7,      70.7,       0.0,       1.2);          (    -63.6,      63.6,       0.0,       1.2);

(    -56.6,      56.6,       0.0,       1.2);          (    -49.5,      49.5,       0.0,       1.2);

(    -42.4,      42.4,       0.0,       1.2);          (    -35.4,      35.4,       0.0,       1.2);

(    -28.3,      28.3,       0.0,       1.2);          (    -21.2,      21.2,       0.0,       1.2);

(    -17.7,      17.7,       0.0,       1.2);          (    -14.1,      14.1,       0.0,       1.2);

(    -12.0,      12.0,       0.0,       1.2);          (    -10.6,      10.6,       0.0,       1.2);

(     -9.2,       9.2,       0.0,       1.2);          (     -7.8,       7.8,       0.0,       1.2);

(     -6.4,       6.4,       0.0,       1.2);          (      6.4,      -6.4,       0.0,       1.2);

(      7.8,      -7.8,       0.0,       1.2);          (      9.2,      -9.2,       0.0,       1.2);

(     10.6,     -10.6,       0.0,       1.2);          (     12.0,     -12.0,       0.0,       1.2);

(     14.1,     -14.1,       0.0,       1.2);          (     17.7,     -17.7,       0.0,       1.2);

(     21.2,     -21.2,       0.0,       1.2);          (     28.3,     -28.3,       0.0,       1.2);
```

```
(     35.4,     -35.4,       0.0,       1.2);          (     42.4,     -42.4,       0.0,       1.2);
(     49.5,     -49.5,       0.0,       1.2);          (     56.6,     -56.6,       0.0,       1.2);
(     63.6,     -63.6,       0.0,       1.2);          (     70.7,     -70.7,       0.0,       1.2);
(    -63.6,      77.8,       0.0,       1.2);          (    -56.6,      70.7,       0.0,       1.2);
(    -49.5,      63.6,       0.0,       1.2);          (    -42.4,      56.6,       0.0,       1.2);
(    -35.4,      49.5,       0.0,       1.2);          (    -28.3,      42.4,       0.0,       1.2);
(    -21.2,      35.4,       0.0,       1.2);          (    -14.1,      28.3,       0.0,       1.2);
(    -10.6,      24.8,       0.0,       1.2);          (     -7.1,      21.2,       0.0,       1.2);
(     -4.9,      19.1,       0.0,       1.2);          (     -3.5,      17.7,       0.0,       1.2);
(     -2.1,      16.3,       0.0,       1.2);          (     -0.7,      14.9,       0.0,       1.2);
(      0.7,      13.4,       0.0,       1.2);          (     13.4,       0.7,       0.0,       1.2);
(     14.9,      -0.7,       0.0,       1.2);          (     16.3,      -2.1,       0.0,       1.2);
(     17.7,      -3.5,       0.0,       1.2);          (     19.1,      -4.9,       0.0,       1.2);
(     21.2,      -7.1,       0.0,       1.2);          (     24.8,     -10.6,       0.0,       1.2);
(     28.3,     -14.1,       0.0,       1.2);          (     35.4,     -21.2,       0.0,       1.2);
(     42.4,     -28.3,       0.0,       1.2);          (     49.5,     -35.4,       0.0,       1.2);
(     56.6,     -42.4,       0.0,       1.2);          (     63.6,     -49.5,       0.0,       1.2);
(     70.7,     -56.6,       0.0,       1.2);          (     77.8,     -63.6,       0.0,       1.2);
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                 ***
      17:43:25
 **MODELOPTs:
      PAGE  13
 CONC                    URBAN FLAT  FLGPOL DFAULT


                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZFLAG)
                                                     (METERS)
(    -56.6,      84.8,       0.0,       1.2);          (    -49.5,      77.8,       0.0,       1.2);
(    -42.4,      70.7,       0.0,       1.2);          (    -35.4,      63.6,       0.0,       1.2);
(    -28.3,      56.6,       0.0,       1.2);          (    -21.2,      49.5,       0.0,       1.2);
(    -14.1,      42.4,       0.0,       1.2);          (     -7.1,      35.4,       0.0,       1.2);
(     -3.5,      31.8,       0.0,       1.2);          (      0.0,      28.3,       0.0,       1.2);
(      2.1,      26.2,       0.0,       1.2);          (      3.5,      24.8,       0.0,       1.2);
(      4.9,      23.3,       0.0,       1.2);          (      6.4,      21.9,       0.0,       1.2);
(      7.8,      20.5,       0.0,       1.2);          (     20.5,       7.8,       0.0,       1.2);
(     21.9,       6.4,       0.0,       1.2);          (     23.3,       4.9,       0.0,       1.2);
(     24.8,       3.5,       0.0,       1.2);          (     26.2,       2.1,       0.0,       1.2);
(     28.3,       0.0,       0.0,       1.2);          (     31.8,      -3.5,       0.0,       1.2);
(     35.4,      -7.1,       0.0,       1.2);          (     42.4,     -14.1,       0.0,       1.2);
(     49.5,     -21.2,       0.0,       1.2);          (     56.6,     -28.3,       0.0,       1.2);
(     63.6,     -35.4,       0.0,       1.2);          (     70.7,     -42.4,       0.0,       1.2);
(     77.8,     -49.5,       0.0,       1.2);          (     84.8,     -56.6,       0.0,       1.2);
(    -49.5,      91.9,       0.0,       1.2);          (    -42.4,      84.8,       0.0,       1.2);
(    -35.4,      77.8,       0.0,       1.2);          (    -28.3,      70.7,       0.0,       1.2);
(    -21.2,      63.6,       0.0,       1.2);          (    -14.1,      56.6,       0.0,       1.2);
(     -7.1,      49.5,       0.0,       1.2);          (      0.0,      42.4,       0.0,       1.2);
```

```
(      3.5,      38.9,       0.0,       1.2);          (      7.1,      35.4,       0.0,       1.2);
(      9.2,      33.2,       0.0,       1.2);          (     10.6,      31.8,       0.0,       1.2);
(     12.0,      30.4,       0.0,       1.2);          (     13.4,      29.0,       0.0,       1.2);
(     14.9,      27.6,       0.0,       1.2);          (     27.6,      14.9,       0.0,       1.2);
(     29.0,      13.4,       0.0,       1.2);          (     30.4,      12.0,       0.0,       1.2);
(     31.8,      10.6,       0.0,       1.2);          (     33.2,       9.2,       0.0,       1.2);
(     35.4,       7.1,       0.0,       1.2);          (     38.9,       3.5,       0.0,       1.2);
(     42.4,       0.0,       0.0,       1.2);          (     49.5,      -7.1,       0.0,       1.2);
(     56.6,     -14.1,       0.0,       1.2);          (     63.6,     -21.2,       0.0,       1.2);
(     70.7,     -28.3,       0.0,       1.2);          (     77.8,     -35.4,       0.0,       1.2);
(     84.8,     -42.4,       0.0,       1.2);          (     91.9,     -49.5,       0.0,       1.2);
(    -42.4,      99.0,       0.0,       1.2);          (    -35.4,      91.9,       0.0,       1.2);
(    -28.3,      84.8,       0.0,       1.2);          (    -21.2,      77.8,       0.0,       1.2);
(    -14.1,      70.7,       0.0,       1.2);          (     -7.1,      63.6,       0.0,       1.2);
(      0.0,      56.6,       0.0,       1.2);          (      7.1,      49.5,       0.0,       1.2);
(     10.6,      46.0,       0.0,       1.2);          (     14.1,      42.4,       0.0,       1.2);
(     16.3,      40.3,       0.0,       1.2);          (     17.7,      38.9,       0.0,       1.2);
(     19.1,      37.5,       0.0,       1.2);          (     20.5,      36.1,       0.0,       1.2);
(     21.9,      34.7,       0.0,       1.2);          (     34.7,      21.9,       0.0,       1.2);
(     36.1,      20.5,       0.0,       1.2);          (     37.5,      19.1,       0.0,       1.2);
(     38.9,      17.7,       0.0,       1.2);          (     40.3,      16.3,       0.0,       1.2);
(     42.4,      14.1,       0.0,       1.2);          (     46.0,      10.6,       0.0,       1.2);
(     49.5,       7.1,       0.0,       1.2);          (     56.6,       0.0,       0.0,       1.2);
(     63.6,      -7.1,       0.0,       1.2);          (     70.7,     -14.1,       0.0,       1.2);
(     77.8,     -21.2,       0.0,       1.2);          (     84.8,     -28.3,       0.0,       1.2);
(     91.9,     -35.4,       0.0,       1.2);          (     99.0,     -42.4,       0.0,       1.2);
```

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 14
CONC URBAN FLAT FLGPOL DFAULT

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

```
(    -35.4,     106.1,       0.0,       1.2);          (    -28.3,      99.0,       0.0,       1.2);
(    -21.2,      91.9,       0.0,       1.2);          (    -14.1,      84.8,       0.0,       1.2);
(     -7.1,      77.8,       0.0,       1.2);          (      0.0,      70.7,       0.0,       1.2);
(      7.1,      63.6,       0.0,       1.2);          (     14.1,      56.6,       0.0,       1.2);
(     17.7,      53.0,       0.0,       1.2);          (     21.2,      49.5,       0.0,       1.2);
(     23.3,      47.4,       0.0,       1.2);          (     24.8,      46.0,       0.0,       1.2);
(     26.2,      44.5,       0.0,       1.2);          (     27.6,      43.1,       0.0,       1.2);
(     29.0,      41.7,       0.0,       1.2);          (     41.7,      29.0,       0.0,       1.2);
(     43.1,      27.6,       0.0,       1.2);          (     44.5,      26.2,       0.0,       1.2);
(     46.0,      24.8,       0.0,       1.2);          (     47.4,      23.3,       0.0,       1.2);
(     49.5,      21.2,       0.0,       1.2);          (     53.0,      17.7,       0.0,       1.2);
```

```
(     56.6,      14.1,       0.0,       1.2);          (     63.6,       7.1,       0.0,       1.2);
(     70.7,       0.0,       0.0,       1.2);          (     77.8,      -7.1,       0.0,       1.2);
(     84.8,     -14.1,       0.0,       1.2);          (     91.9,     -21.2,       0.0,       1.2);
(     99.0,     -28.3,       0.0,       1.2);          (    106.1,     -35.4,       0.0,       1.2);
(    -28.3,     113.1,       0.0,       1.2);          (    -21.2,     106.1,       0.0,       1.2);
(    -14.1,      99.0,       0.0,       1.2);          (     -7.1,      91.9,       0.0,       1.2);
(      0.0,      84.8,       0.0,       1.2);          (      7.1,      77.8,       0.0,       1.2);
(     14.1,      70.7,       0.0,       1.2);          (     21.2,      63.6,       0.0,       1.2);
(     24.8,      60.1,       0.0,       1.2);          (     28.3,      56.6,       0.0,       1.2);
(     30.4,      54.5,       0.0,       1.2);          (     31.8,      53.0,       0.0,       1.2);
(     33.2,      51.6,       0.0,       1.2);          (     34.7,      50.2,       0.0,       1.2);
(     36.1,      48.8,       0.0,       1.2);          (     48.8,      36.1,       0.0,       1.2);
(     50.2,      34.7,       0.0,       1.2);          (     51.6,      33.2,       0.0,       1.2);
(     53.0,      31.8,       0.0,       1.2);          (     54.5,      30.4,       0.0,       1.2);
(     56.6,      28.3,       0.0,       1.2);          (     60.1,      24.8,       0.0,       1.2);
(     63.6,      21.2,       0.0,       1.2);          (     70.7,      14.1,       0.0,       1.2);
(     77.8,       7.1,       0.0,       1.2);          (     84.8,       0.0,       0.0,       1.2);
(     91.9,      -7.1,       0.0,       1.2);          (     99.0,     -14.1,       0.0,       1.2);
(    106.1,     -21.2,       0.0,       1.2);          (    113.1,     -28.3,       0.0,       1.2);
(    -21.2,     120.2,       0.0,       1.2);          (    -14.1,     113.1,       0.0,       1.2);
(     -7.1,     106.1,       0.0,       1.2);          (      0.0,      99.0,       0.0,       1.2);
(      7.1,      91.9,       0.0,       1.2);          (     14.1,      84.8,       0.0,       1.2);
(     21.2,      77.8,       0.0,       1.2);          (     28.3,      70.7,       0.0,       1.2);
(     31.8,      67.2,       0.0,       1.2);          (     35.4,      63.6,       0.0,       1.2);
(     37.5,      61.5,       0.0,       1.2);          (     38.9,      60.1,       0.0,       1.2);
(     40.3,      58.7,       0.0,       1.2);          (     41.7,      57.3,       0.0,       1.2);
(     43.1,      55.9,       0.0,       1.2);          (     55.9,      43.1,       0.0,       1.2);
(     57.3,      41.7,       0.0,       1.2);          (     58.7,      40.3,       0.0,       1.2);
(     60.1,      38.9,       0.0,       1.2);          (     61.5,      37.5,       0.0,       1.2);
(     63.6,      35.4,       0.0,       1.2);          (     67.2,      31.8,       0.0,       1.2);
(     70.7,      28.3,       0.0,       1.2);          (     77.8,      21.2,       0.0,       1.2);
(     84.8,      14.1,       0.0,       1.2);          (     91.9,       7.1,       0.0,       1.2);
(     99.0,       0.0,       0.0,       1.2);          (    106.1,      -7.1,       0.0,       1.2);
(    113.1,     -14.1,       0.0,       1.2);          (    120.2,     -21.2,       0.0,       1.2);
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                  ***
      17:43:25
 **MODELOPTs:
      PAGE  15
 CONC                    URBAN FLAT  FLGPOL DFAULT


                                         *** DISCRETE CARTESIAN RECEPTORS ***
                                           (X-COORD, Y-COORD, ZELEV, ZFLAG)
                                                      (METERS)
(    -14.1,     127.3,       0.0,       1.2);          (     -7.1,     120.2,       0.0,       1.2);
(      0.0,     113.1,       0.0,       1.2);          (      7.1,     106.1,       0.0,       1.2);
(     14.1,      99.0,       0.0,       1.2);          (     21.2,      91.9,       0.0,       1.2);
```

```
(     28.3,      84.8,       0.0,       1.2);          (     35.4,      77.8,       0.0,       1.2);
(     38.9,      74.2,       0.0,       1.2);          (     42.4,      70.7,       0.0,       1.2);
(     44.5,      68.6,       0.0,       1.2);          (     46.0,      67.2,       0.0,       1.2);
(     47.4,      65.8,       0.0,       1.2);          (     48.8,      64.3,       0.0,       1.2);
(     50.2,      62.9,       0.0,       1.2);          (     62.9,      50.2,       0.0,       1.2);
(     64.3,      48.8,       0.0,       1.2);          (     65.8,      47.4,       0.0,       1.2);
(     67.2,      46.0,       0.0,       1.2);          (     68.6,      44.5,       0.0,       1.2);
(     70.7,      42.4,       0.0,       1.2);          (     74.2,      38.9,       0.0,       1.2);
(     77.8,      35.4,       0.0,       1.2);          (     84.8,      28.3,       0.0,       1.2);
(     91.9,      21.2,       0.0,       1.2);          (     99.0,      14.1,       0.0,       1.2);
(    106.1,       7.1,       0.0,       1.2);          (    113.1,       0.0,       0.0,       1.2);
(    120.2,      -7.1,       0.0,       1.2);          (    127.3,     -14.1,       0.0,       1.2);
(     -7.1,     134.4,       0.0,       1.2);          (      0.0,     127.3,       0.0,       1.2);
(      7.1,     120.2,       0.0,       1.2);          (     14.1,     113.1,       0.0,       1.2);
(     21.2,     106.1,       0.0,       1.2);          (     28.3,      99.0,       0.0,       1.2);
(     35.4,      91.9,       0.0,       1.2);          (     42.4,      84.8,       0.0,       1.2);
(     46.0,      81.3,       0.0,       1.2);          (     49.5,      77.8,       0.0,       1.2);
(     51.6,      75.7,       0.0,       1.2);          (     53.0,      74.2,       0.0,       1.2);
(     54.5,      72.8,       0.0,       1.2);          (     55.9,      71.4,       0.0,       1.2);
(     57.3,      70.0,       0.0,       1.2);          (     70.0,      57.3,       0.0,       1.2);
(     71.4,      55.9,       0.0,       1.2);          (     72.8,      54.5,       0.0,       1.2);
(     74.2,      53.0,       0.0,       1.2);          (     75.7,      51.6,       0.0,       1.2);
(     77.8,      49.5,       0.0,       1.2);          (     81.3,      46.0,       0.0,       1.2);
(     84.8,      42.4,       0.0,       1.2);          (     91.9,      35.4,       0.0,       1.2);
(     99.0,      28.3,       0.0,       1.2);          (    106.1,      21.2,       0.0,       1.2);
(    113.1,      14.1,       0.0,       1.2);          (    120.2,       7.1,       0.0,       1.2);
(    127.3,       0.0,       0.0,       1.2);          (    134.4,      -7.1,       0.0,       1.2);
(      0.0,     141.4,       0.0,       1.2);          (      7.1,     134.4,       0.0,       1.2);
(     14.1,     127.3,       0.0,       1.2);          (     21.2,     120.2,       0.0,       1.2);
(     28.3,     113.1,       0.0,       1.2);          (     35.4,     106.1,       0.0,       1.2);
(     42.4,      99.0,       0.0,       1.2);          (     49.5,      91.9,       0.0,       1.2);
(     53.0,      88.4,       0.0,       1.2);          (     56.6,      84.8,       0.0,       1.2);
(     58.7,      82.7,       0.0,       1.2);          (     60.1,      81.3,       0.0,       1.2);
(     61.5,      79.9,       0.0,       1.2);          (     62.9,      78.5,       0.0,       1.2);
(     64.3,      77.1,       0.0,       1.2);          (     77.1,      64.3,       0.0,       1.2);
(     78.5,      62.9,       0.0,       1.2);          (     79.9,      61.5,       0.0,       1.2);
(     81.3,      60.1,       0.0,       1.2);          (     82.7,      58.7,       0.0,       1.2);
(     84.8,      56.6,       0.0,       1.2);          (     88.4,      53.0,       0.0,       1.2);
(     91.9,      49.5,       0.0,       1.2);          (     99.0,      42.4,       0.0,       1.2);
(    106.1,      35.4,       0.0,       1.2);          (    113.1,      28.3,       0.0,       1.2);
(    120.2,      21.2,       0.0,       1.2);          (    127.3,      14.1,       0.0,       1.2);
(    134.4,       7.1,       0.0,       1.2);          (    141.4,       0.0,       0.0,       1.2);
```

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

(7.1,	148.5,	0.0,	1.2);	(14.1,	141.4,	0.0,	1.2);
(21.2,	134.4,	0.0,	1.2);	(28.3,	127.3,	0.0,	1.2);
(35.4,	120.2,	0.0,	1.2);	(42.4,	113.1,	0.0,	1.2);
(49.5,	106.1,	0.0,	1.2);	(56.6,	99.0,	0.0,	1.2);
(60.1,	95.5,	0.0,	1.2);	(63.6,	91.9,	0.0,	1.2);
(65.8,	89.8,	0.0,	1.2);	(67.2,	88.4,	0.0,	1.2);
(68.6,	87.0,	0.0,	1.2);	(70.0,	85.6,	0.0,	1.2);
(71.4,	84.2,	0.0,	1.2);	(84.2,	71.4,	0.0,	1.2);
(85.6,	70.0,	0.0,	1.2);	(87.0,	68.6,	0.0,	1.2);
(88.4,	67.2,	0.0,	1.2);	(89.8,	65.8,	0.0,	1.2);
(91.9,	63.6,	0.0,	1.2);	(95.5,	60.1,	0.0,	1.2);
(99.0,	56.6,	0.0,	1.2);	(106.1,	49.5,	0.0,	1.2);
(113.1,	42.4,	0.0,	1.2);	(120.2,	35.4,	0.0,	1.2);
(127.3,	28.3,	0.0,	1.2);	(134.4,	21.2,	0.0,	1.2);
(141.4,	14.1,	0.0,	1.2);	(148.5,	7.1,	0.0,	1.2);
(14.1,	155.6,	0.0,	1.2);	(21.2,	148.5,	0.0,	1.2);
(28.3,	141.4,	0.0,	1.2);	(35.4,	134.4,	0.0,	1.2);
(42.4,	127.3,	0.0,	1.2);	(49.5,	120.2,	0.0,	1.2);
(56.6,	113.1,	0.0,	1.2);	(63.6,	106.1,	0.0,	1.2);
(67.2,	102.5,	0.0,	1.2);	(70.7,	99.0,	0.0,	1.2);
(72.8,	96.9,	0.0,	1.2);	(74.2,	95.5,	0.0,	1.2);
(75.7,	94.1,	0.0,	1.2);	(77.1,	92.6,	0.0,	1.2);
(78.5,	91.2,	0.0,	1.2);	(91.2,	78.5,	0.0,	1.2);
(92.6,	77.1,	0.0,	1.2);	(94.1,	75.7,	0.0,	1.2);
(95.5,	74.2,	0.0,	1.2);	(96.9,	72.8,	0.0,	1.2);
(99.0,	70.7,	0.0,	1.2);	(102.5,	67.2,	0.0,	1.2);
(106.1,	63.6,	0.0,	1.2);	(113.1,	56.6,	0.0,	1.2);
(120.2,	49.5,	0.0,	1.2);	(127.3,	42.4,	0.0,	1.2);
(134.4,	35.4,	0.0,	1.2);	(141.4,	28.3,	0.0,	1.2);
(148.5,	21.2,	0.0,	1.2);	(155.6,	14.1,	0.0,	1.2);
(21.2,	162.6,	0.0,	1.2);	(28.3,	155.6,	0.0,	1.2);
(35.4,	148.5,	0.0,	1.2);	(42.4,	141.4,	0.0,	1.2);
(49.5,	134.4,	0.0,	1.2);	(56.6,	127.3,	0.0,	1.2);
(63.6,	120.2,	0.0,	1.2);	(70.7,	113.1,	0.0,	1.2);
(74.2,	109.6,	0.0,	1.2);	(77.8,	106.1,	0.0,	1.2);
(79.9,	103.9,	0.0,	1.2);	(81.3,	102.5,	0.0,	1.2);
(82.7,	101.1,	0.0,	1.2);	(84.2,	99.7,	0.0,	1.2);
(85.6,	98.3,	0.0,	1.2);	(98.3,	85.6,	0.0,	1.2);
(99.7,	84.2,	0.0,	1.2);	(101.1,	82.7,	0.0,	1.2);

```
(    102.5,      81.3,       0.0,       1.2);          (    103.9,      79.9,       0.0,       1.2);

(    106.1,      77.8,       0.0,       1.2);          (    109.6,      74.2,       0.0,       1.2);

(    113.1,      70.7,       0.0,       1.2);          (    120.2,      63.6,       0.0,       1.2);

(    127.3,      56.6,       0.0,       1.2);          (    134.4,      49.5,       0.0,       1.2);

(    141.4,      42.4,       0.0,       1.2);          (    148.5,      35.4,       0.0,       1.2);

(    155.6,      28.3,       0.0,       1.2);          (    162.6,      21.2,       0.0,       1.2);

1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                  ***
      17:43:25
 **MODELOPTs:
      PAGE  17
 CONC                    URBAN FLAT  FLGPOL DFAULT


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

(     28.3,     169.7,       0.0,       1.2);          (     35.4,     162.6,       0.0,       1.2);

(     42.4,     155.6,       0.0,       1.2);          (     49.5,     148.5,       0.0,       1.2);

(     56.6,     141.4,       0.0,       1.2);          (     63.6,     134.4,       0.0,       1.2);

(     70.7,     127.3,       0.0,       1.2);          (     77.8,     120.2,       0.0,       1.2);

(     81.3,     116.7,       0.0,       1.2);          (     84.8,     113.1,       0.0,       1.2);

(     87.0,     111.0,       0.0,       1.2);          (     88.4,     109.6,       0.0,       1.2);

(     89.8,     108.2,       0.0,       1.2);          (     91.2,     106.8,       0.0,       1.2);

(     92.6,     105.4,       0.0,       1.2);          (    105.4,      92.6,       0.0,       1.2);

(    106.8,      91.2,       0.0,       1.2);          (    108.2,      89.8,       0.0,       1.2);

(    109.6,      88.4,       0.0,       1.2);          (    111.0,      87.0,       0.0,       1.2);

(    113.1,      84.8,       0.0,       1.2);          (    116.7,      81.3,       0.0,       1.2);

(    120.2,      77.8,       0.0,       1.2);          (    127.3,      70.7,       0.0,       1.2);

(    134.4,      63.6,       0.0,       1.2);          (    141.4,      56.6,       0.0,       1.2);

(    148.5,      49.5,       0.0,       1.2);          (    155.6,      42.4,       0.0,       1.2);

(    162.6,      35.4,       0.0,       1.2);          (    169.7,      28.3,       0.0,       1.2);

(     35.4,     176.8,       0.0,       1.2);          (     42.4,     169.7,       0.0,       1.2);

(     49.5,     162.6,       0.0,       1.2);          (     56.6,     155.6,       0.0,       1.2);

(     63.6,     148.5,       0.0,       1.2);          (     70.7,     141.4,       0.0,       1.2);

(     77.8,     134.4,       0.0,       1.2);          (     84.8,     127.3,       0.0,       1.2);

(     88.4,     123.7,       0.0,       1.2);          (     91.9,     120.2,       0.0,       1.2);

(     94.1,     118.1,       0.0,       1.2);          (     95.5,     116.7,       0.0,       1.2);

(     96.9,     115.3,       0.0,       1.2);          (     98.3,     113.8,       0.0,       1.2);

(     99.7,     112.4,       0.0,       1.2);          (    112.4,      99.7,       0.0,       1.2);

(    113.8,      98.3,       0.0,       1.2);          (    115.3,      96.9,       0.0,       1.2);

(    116.7,      95.5,       0.0,       1.2);          (    118.1,      94.1,       0.0,       1.2);

(    120.2,      91.9,       0.0,       1.2);          (    123.7,      88.4,       0.0,       1.2);

(    127.3,      84.8,       0.0,       1.2);          (    134.4,      77.8,       0.0,       1.2);

(    141.4,      70.7,       0.0,       1.2);          (    148.5,      63.6,       0.0,       1.2);

(    155.6,      56.6,       0.0,       1.2);          (    162.6,      49.5,       0.0,       1.2);

(    169.7,      42.4,       0.0,       1.2);          (    176.8,      35.4,       0.0,       1.2);

(     42.4,     183.9,       0.0,       1.2);          (     49.5,     176.8,       0.0,       1.2);
```

```
(     56.6,     169.7,       0.0,       1.2);          (     63.6,     162.6,       0.0,       1.2);
(     70.7,     155.6,       0.0,       1.2);          (     77.8,     148.5,       0.0,       1.2);
(     84.8,     141.4,       0.0,       1.2);          (     91.9,     134.4,       0.0,       1.2);
(     95.5,     130.8,       0.0,       1.2);          (     99.0,     127.3,       0.0,       1.2);
(    101.1,     125.2,       0.0,       1.2);          (    102.5,     123.7,       0.0,       1.2);
(    103.9,     122.3,       0.0,       1.2);          (    105.4,     120.9,       0.0,       1.2);
(    106.8,     119.5,       0.0,       1.2);          (    119.5,     106.8,       0.0,       1.2);
(    120.9,     105.4,       0.0,       1.2);          (    122.3,     103.9,       0.0,       1.2);
(    123.7,     102.5,       0.0,       1.2);          (    125.2,     101.1,       0.0,       1.2);
(    127.3,      99.0,       0.0,       1.2);          (    130.8,      95.5,       0.0,       1.2);
(    134.4,      91.9,       0.0,       1.2);          (    141.4,      84.8,       0.0,       1.2);
(    148.5,      77.8,       0.0,       1.2);          (    155.6,      70.7,       0.0,       1.2);
(    162.6,      63.6,       0.0,       1.2);          (    169.7,      56.6,       0.0,       1.2);
(    176.8,      49.5,       0.0,       1.2);          (    183.9,      42.4,       0.0,       1.2);
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                  ***
      17:43:25
 **MODELOPTs:
      PAGE  18
 CONC                    URBAN FLAT  FLGPOL DFAULT


                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZFLAG)
                                                    (METERS)
(     49.5,     190.9,       0.0,       1.2);          (     56.6,     183.9,       0.0,       1.2);
(     63.6,     176.8,       0.0,       1.2);          (     70.7,     169.7,       0.0,       1.2);
(     77.8,     162.6,       0.0,       1.2);          (     84.8,     155.6,       0.0,       1.2);
(     91.9,     148.5,       0.0,       1.2);          (     99.0,     141.4,       0.0,       1.2);
(    102.5,     137.9,       0.0,       1.2);          (    106.1,     134.4,       0.0,       1.2);
(    108.2,     132.2,       0.0,       1.2);          (    109.6,     130.8,       0.0,       1.2);
(    111.0,     129.4,       0.0,       1.2);          (    112.4,     128.0,       0.0,       1.2);
(    113.8,     126.6,       0.0,       1.2);          (    126.6,     113.8,       0.0,       1.2);
(    128.0,     112.4,       0.0,       1.2);          (    129.4,     111.0,       0.0,       1.2);
(    130.8,     109.6,       0.0,       1.2);          (    132.2,     108.2,       0.0,       1.2);
(    134.4,     106.1,       0.0,       1.2);          (    137.9,     102.5,       0.0,       1.2);
(    141.4,      99.0,       0.0,       1.2);          (    148.5,      91.9,       0.0,       1.2);
(    155.6,      84.8,       0.0,       1.2);          (    162.6,      77.8,       0.0,       1.2);
(    169.7,      70.7,       0.0,       1.2);          (    176.8,      63.6,       0.0,       1.2);
(    183.9,      56.6,       0.0,       1.2);          (    190.9,      49.5,       0.0,       1.2);
(     56.6,     198.0,       0.0,       1.2);          (     63.6,     190.9,       0.0,       1.2);
(     70.7,     183.9,       0.0,       1.2);          (     77.8,     176.8,       0.0,       1.2);
(     84.8,     169.7,       0.0,       1.2);          (     91.9,     162.6,       0.0,       1.2);
(     99.0,     155.6,       0.0,       1.2);          (    106.1,     148.5,       0.0,       1.2);
(    109.6,     145.0,       0.0,       1.2);          (    113.1,     141.4,       0.0,       1.2);
(    115.3,     139.3,       0.0,       1.2);          (    116.7,     137.9,       0.0,       1.2);
(    118.1,     136.5,       0.0,       1.2);          (    119.5,     135.1,       0.0,       1.2);
(    120.9,     133.6,       0.0,       1.2);          (    133.6,     120.9,       0.0,       1.2);
```

```
(    135.1,     119.5,       0.0,       1.2);          (    136.5,     118.1,       0.0,       1.2);
(    137.9,     116.7,       0.0,       1.2);          (    139.3,     115.3,       0.0,       1.2);
(    141.4,     113.1,       0.0,       1.2);          (    145.0,     109.6,       0.0,       1.2);
(    148.5,     106.1,       0.0,       1.2);          (    155.6,      99.0,       0.0,       1.2);
(    162.6,      91.9,       0.0,       1.2);          (    169.7,      84.8,       0.0,       1.2);
(    176.8,      77.8,       0.0,       1.2);          (    183.9,      70.7,       0.0,       1.2);
(    190.9,      63.6,       0.0,       1.2);          (    198.0,      56.6,       0.0,       1.2);
(     63.6,     205.1,       0.0,       1.2);          (     70.7,     198.0,       0.0,       1.2);
(     77.8,     190.9,       0.0,       1.2);          (     84.8,     183.9,       0.0,       1.2);
(     91.9,     176.8,       0.0,       1.2);          (     99.0,     169.7,       0.0,       1.2);
(    106.1,     162.6,       0.0,       1.2);          (    113.1,     155.6,       0.0,       1.2);
(    116.7,     152.0,       0.0,       1.2);          (    120.2,     148.5,       0.0,       1.2);
(    122.3,     146.4,       0.0,       1.2);          (    123.7,     145.0,       0.0,       1.2);
(    125.2,     143.5,       0.0,       1.2);          (    126.6,     142.1,       0.0,       1.2);
(    128.0,     140.7,       0.0,       1.2);          (    140.7,     128.0,       0.0,       1.2);
(    142.1,     126.6,       0.0,       1.2);          (    143.5,     125.2,       0.0,       1.2);
(    145.0,     123.7,       0.0,       1.2);          (    146.4,     122.3,       0.0,       1.2);
(    148.5,     120.2,       0.0,       1.2);          (    152.0,     116.7,       0.0,       1.2);
(    155.6,     113.1,       0.0,       1.2);          (    162.6,     106.1,       0.0,       1.2);
(    169.7,      99.0,       0.0,       1.2);          (    176.8,      91.9,       0.0,       1.2);
(    183.9,      84.8,       0.0,       1.2);          (    190.9,      77.8,       0.0,       1.2);
(    198.0,      70.7,       0.0,       1.2);          (    205.1,      63.6,       0.0,       1.2);

1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                  ***
      17:43:25
 **MODELOPTs:
      PAGE  19
 CONC                    URBAN FLAT  FLGPOL DFAULT


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

(     70.7,     212.1,       0.0,       1.2);          (     77.8,     205.1,       0.0,       1.2);
(     84.8,     198.0,       0.0,       1.2);          (     91.9,     190.9,       0.0,       1.2);
(     99.0,     183.9,       0.0,       1.2);          (    106.1,     176.8,       0.0,       1.2);
(    113.1,     169.7,       0.0,       1.2);          (    120.2,     162.6,       0.0,       1.2);
(    123.7,     159.1,       0.0,       1.2);          (    127.3,     155.6,       0.0,       1.2);
(    129.4,     153.4,       0.0,       1.2);          (    130.8,     152.0,       0.0,       1.2);
(    132.2,     150.6,       0.0,       1.2);          (    133.6,     149.2,       0.0,       1.2);
(    135.1,     147.8,       0.0,       1.2);          (    147.8,     135.1,       0.0,       1.2);
(    149.2,     133.6,       0.0,       1.2);          (    150.6,     132.2,       0.0,       1.2);
(    152.0,     130.8,       0.0,       1.2);          (    153.4,     129.4,       0.0,       1.2);
(    155.6,     127.3,       0.0,       1.2);          (    159.1,     123.7,       0.0,       1.2);
(    162.6,     120.2,       0.0,       1.2);          (    169.7,     113.1,       0.0,       1.2);
(    176.8,     106.1,       0.0,       1.2);          (    183.9,      99.0,       0.0,       1.2);
(    190.9,      91.9,       0.0,       1.2);          (    198.0,      84.8,       0.0,       1.2);
(    205.1,      77.8,       0.0,       1.2);          (    212.1,      70.7,       0.0,       1.2);
```

```
(     77.8,     219.2,       0.0,       1.2);          (     84.8,     212.1,       0.0,       1.2);
(     91.9,     205.1,       0.0,       1.2);          (     99.0,     198.0,       0.0,       1.2);
(    106.1,     190.9,       0.0,       1.2);          (    113.1,     183.9,       0.0,       1.2);
(    120.2,     176.8,       0.0,       1.2);          (    127.3,     169.7,       0.0,       1.2);
(    130.8,     166.2,       0.0,       1.2);          (    134.4,     162.6,       0.0,       1.2);
(    136.5,     160.5,       0.0,       1.2);          (    137.9,     159.1,       0.0,       1.2);
(    139.3,     157.7,       0.0,       1.2);          (    140.7,     156.3,       0.0,       1.2);
(    142.1,     154.9,       0.0,       1.2);          (    154.9,     142.1,       0.0,       1.2);
(    156.3,     140.7,       0.0,       1.2);          (    157.7,     139.3,       0.0,       1.2);
(    159.1,     137.9,       0.0,       1.2);          (    160.5,     136.5,       0.0,       1.2);
(    162.6,     134.4,       0.0,       1.2);          (    166.2,     130.8,       0.0,       1.2);
(    169.7,     127.3,       0.0,       1.2);          (    176.8,     120.2,       0.0,       1.2);
(    183.9,     113.1,       0.0,       1.2);          (    190.9,     106.1,       0.0,       1.2);
(    198.0,      99.0,       0.0,       1.2);          (    205.1,      91.9,       0.0,       1.2);
(    212.1,      84.8,       0.0,       1.2);          (    219.2,      77.8,       0.0,       1.2);
(     84.8,     226.3,       0.0,       1.2);          (     91.9,     219.2,       0.0,       1.2);
(     99.0,     212.1,       0.0,       1.2);          (    106.1,     205.1,       0.0,       1.2);
(    113.1,     198.0,       0.0,       1.2);          (    120.2,     190.9,       0.0,       1.2);
(    127.3,     183.9,       0.0,       1.2);          (    134.4,     176.8,       0.0,       1.2);
(    137.9,     173.2,       0.0,       1.2);          (    141.4,     169.7,       0.0,       1.2);
(    143.5,     167.6,       0.0,       1.2);          (    145.0,     166.2,       0.0,       1.2);
(    146.4,     164.8,       0.0,       1.2);          (    147.8,     163.3,       0.0,       1.2);
(    149.2,     161.9,       0.0,       1.2);          (    161.9,     149.2,       0.0,       1.2);
(    163.3,     147.8,       0.0,       1.2);          (    164.8,     146.4,       0.0,       1.2);
(    166.2,     145.0,       0.0,       1.2);          (    167.6,     143.5,       0.0,       1.2);
(    169.7,     141.4,       0.0,       1.2);          (    173.2,     137.9,       0.0,       1.2);
(    176.8,     134.4,       0.0,       1.2);          (    183.9,     127.3,       0.0,       1.2);
(    190.9,     120.2,       0.0,       1.2);          (    198.0,     113.1,       0.0,       1.2);
(    205.1,     106.1,       0.0,       1.2);          (    212.1,      99.0,       0.0,       1.2);
(    219.2,      91.9,       0.0,       1.2);          (    226.3,      84.8,       0.0,       1.2);
```

```
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                 ***
      17:43:25
 **MODELOPTs:
      PAGE  20
 CONC                    URBAN FLAT  FLGPOL DFAULT


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZFLAG)
                                                      (METERS)
(     91.9,     233.4,       0.0,       1.2);          (     99.0,     226.3,       0.0,       1.2);
(    106.1,     219.2,       0.0,       1.2);          (    113.1,     212.1,       0.0,       1.2);
(    120.2,     205.1,       0.0,       1.2);          (    127.3,     198.0,       0.0,       1.2);
(    134.4,     190.9,       0.0,       1.2);          (    141.4,     183.9,       0.0,       1.2);
(    145.0,     180.3,       0.0,       1.2);          (    148.5,     176.8,       0.0,       1.2);
(    150.6,     174.7,       0.0,       1.2);          (    152.0,     173.2,       0.0,       1.2);
(    153.4,     171.8,       0.0,       1.2);          (    154.9,     170.4,       0.0,       1.2);
```

```
(    156.3,     169.0,       0.0,       1.2);          (    169.0,     156.3,       0.0,       1.2);
(    170.4,     154.9,       0.0,       1.2);          (    171.8,     153.4,       0.0,       1.2);
(    173.2,     152.0,       0.0,       1.2);          (    174.7,     150.6,       0.0,       1.2);
(    176.8,     148.5,       0.0,       1.2);          (    180.3,     145.0,       0.0,       1.2);
(    183.9,     141.4,       0.0,       1.2);          (    190.9,     134.4,       0.0,       1.2);
(    198.0,     127.3,       0.0,       1.2);          (    205.1,     120.2,       0.0,       1.2);
(    212.1,     113.1,       0.0,       1.2);          (    219.2,     106.1,       0.0,       1.2);
(    226.3,      99.0,       0.0,       1.2);          (    233.4,      91.9,       0.0,       1.2);
(     99.0,     240.4,       0.0,       1.2);          (    106.1,     233.4,       0.0,       1.2);
(    113.1,     226.3,       0.0,       1.2);          (    120.2,     219.2,       0.0,       1.2);
(    127.3,     212.1,       0.0,       1.2);          (    134.4,     205.1,       0.0,       1.2);
(    141.4,     198.0,       0.0,       1.2);          (    148.5,     190.9,       0.0,       1.2);
(    152.0,     187.4,       0.0,       1.2);          (    155.6,     183.9,       0.0,       1.2);
(    157.7,     181.7,       0.0,       1.2);          (    159.1,     180.3,       0.0,       1.2);
(    160.5,     178.9,       0.0,       1.2);          (    161.9,     177.5,       0.0,       1.2);
(    163.3,     176.1,       0.0,       1.2);          (    176.1,     163.3,       0.0,       1.2);
(    177.5,     161.9,       0.0,       1.2);          (    178.9,     160.5,       0.0,       1.2);
(    180.3,     159.1,       0.0,       1.2);          (    181.7,     157.7,       0.0,       1.2);
(    183.9,     155.6,       0.0,       1.2);          (    187.4,     152.0,       0.0,       1.2);
(    190.9,     148.5,       0.0,       1.2);          (    198.0,     141.4,       0.0,       1.2);
(    205.1,     134.4,       0.0,       1.2);          (    212.1,     127.3,       0.0,       1.2);
(    219.2,     120.2,       0.0,       1.2);          (    226.3,     113.1,       0.0,       1.2);
(    233.4,     106.1,       0.0,       1.2);          (    240.4,      99.0,       0.0,       1.2);
(    106.1,     247.5,       0.0,       1.2);          (    113.1,     240.4,       0.0,       1.2);
(    120.2,     233.4,       0.0,       1.2);          (    127.3,     226.3,       0.0,       1.2);
(    134.4,     219.2,       0.0,       1.2);          (    141.4,     212.1,       0.0,       1.2);
(    148.5,     205.1,       0.0,       1.2);          (    155.6,     198.0,       0.0,       1.2);
(    159.1,     194.4,       0.0,       1.2);          (    162.6,     190.9,       0.0,       1.2);
(    164.8,     188.8,       0.0,       1.2);          (    166.2,     187.4,       0.0,       1.2);
(    167.6,     186.0,       0.0,       1.2);          (    169.0,     184.6,       0.0,       1.2);
(    170.4,     183.1,       0.0,       1.2);          (    183.1,     170.4,       0.0,       1.2);
(    184.6,     169.0,       0.0,       1.2);          (    186.0,     167.6,       0.0,       1.2);
(    187.4,     166.2,       0.0,       1.2);          (    188.8,     164.8,       0.0,       1.2);
(    190.9,     162.6,       0.0,       1.2);          (    194.4,     159.1,       0.0,       1.2);
(    198.0,     155.6,       0.0,       1.2);          (    205.1,     148.5,       0.0,       1.2);
(    212.1,     141.4,       0.0,       1.2);          (    219.2,     134.4,       0.0,       1.2);
(    226.3,     127.3,       0.0,       1.2);          (    233.4,     120.2,       0.0,       1.2);
(    240.4,     113.1,       0.0,       1.2);          (    247.5,     106.1,       0.0,       1.2);
```

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 21
CONC URBAN FLAT FLGPOL DFAULT

*** 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
```

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1994 1 1 1
AND END DATE: 1994 12 31 24

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,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

```
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                 ***
      17:43:25
 **MODELOPTs:
      PAGE  22
 CONC                    URBAN FLAT  FLGPOL DFAULT
```

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

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901	UPPER AIR STATION NO.: 4901
NAME: UNKNOWN	NAME: UNKNOWN
YEAR: 1994	YEAR: 1994

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 23
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00012	-240.42	-113.14	0.00012
-233.35	-120.21	0.00012	-226.27	-127.28	0.00013
-219.20	-134.35	0.00013	-212.13	-141.42	0.00013
-205.06	-148.49	0.00013	-197.99	-155.56	0.00014
-194.45	-159.10	0.00014	-190.92	-162.63	0.00014
-188.80	-164.76	0.00014	-187.38	-166.17	0.00014
-185.97	-167.58	0.00014	-184.55	-169.00	0.00014
-183.14	-170.41	0.00014	-170.41	-183.14	0.00015
-169.00	-184.55	0.00015	-167.58	-185.97	0.00015
-166.17	-187.38	0.00015	-164.76	-188.80	0.00015
-162.63	-190.92	0.00015	-159.10	-194.45	0.00015
-155.56	-197.99	0.00015	-148.49	-205.06	0.00015
-141.42	-212.13	0.00015	-134.35	-219.20	0.00015
-127.28	-226.27	0.00015	-120.21	-233.35	0.00015
-113.14	-240.42	0.00015	-106.07	-247.49	0.00015
-240.42	-98.99	0.00012	-233.35	-106.07	0.00012
-226.27	-113.14	0.00013	-219.20	-120.21	0.00013

-212.13	-127.28	0.00013	-205.06	-134.35	0.00014
-197.99	-141.42	0.00014	-190.92	-148.49	0.00014
-187.38	-152.03	0.00014	-183.85	-155.56	0.00015
-181.73	-157.68	0.00015	-180.31	-159.10	0.00015
-178.90	-160.51	0.00015	-177.48	-161.93	0.00015
-176.07	-163.34	0.00015	-163.34	-176.07	0.00015
-161.93	-177.48	0.00015	-160.51	-178.90	0.00015
-159.10	-180.31	0.00015	-157.68	-181.73	0.00015
-155.56	-183.85	0.00015	-152.03	-187.38	0.00015
-148.49	-190.92	0.00015	-141.42	-197.99	0.00015
-134.35	-205.06	0.00015	-127.28	-212.13	0.00015
-120.21	-219.20	0.00015	-113.14	-226.27	0.00015
-106.07	-233.35	0.00015	-98.99	-240.42	0.00015
-233.35	-91.92	0.00013	-226.27	-99.00	0.00013
-219.20	-106.07	0.00013	-212.13	-113.14	0.00014
-205.06	-120.21	0.00014	-197.99	-127.28	0.00014
-190.92	-134.35	0.00015	-183.85	-141.42	0.00015
-180.31	-144.96	0.00015	-176.78	-148.49	0.00015
-174.66	-150.61	0.00015	-173.24	-152.03	0.00015
-171.83	-153.44	0.00015	-170.41	-154.86	0.00015
-169.00	-156.27	0.00016	-156.27	-169.00	0.00016
-154.86	-170.41	0.00016	-153.44	-171.83	0.00016
-152.03	-173.24	0.00016	-150.61	-174.66	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 24
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00016	-144.96	-180.31	0.00016
-141.42	-183.85	0.00016	-134.35	-190.92	0.00016
-127.28	-197.99	0.00016	-120.21	-205.06	0.00016
-113.14	-212.13	0.00016	-106.07	-219.20	0.00016
-98.99	-226.27	0.00016	-91.92	-233.35	0.00016
-226.27	-84.85	0.00013	-219.20	-91.92	0.00013
-212.13	-99.00	0.00014	-205.06	-106.07	0.00014
-197.99	-113.14	0.00014	-190.92	-120.21	0.00015
-183.85	-127.28	0.00015	-176.78	-134.35	0.00016
-173.24	-137.89	0.00016	-169.71	-141.42	0.00016
-167.58	-143.54	0.00016	-166.17	-144.96	0.00016

-164.76	-146.37	0.00016	-163.34	-147.79	0.00016
-161.93	-149.20	0.00016	-149.20	-161.93	0.00017
-147.79	-163.34	0.00017	-146.37	-164.76	0.00017
-144.96	-166.17	0.00017	-143.54	-167.58	0.00017
-141.42	-169.71	0.00017	-137.89	-173.24	0.00017
-134.35	-176.78	0.00017	-127.28	-183.85	0.00017
-120.21	-190.92	0.00017	-113.14	-197.99	0.00017
-106.07	-205.06	0.00017	-98.99	-212.13	0.00017
-91.92	-219.20	0.00017	-84.85	-226.27	0.00017
-219.20	-77.78	0.00014	-212.13	-84.85	0.00014
-205.06	-91.92	0.00014	-197.99	-99.00	0.00015
-190.92	-106.07	0.00015	-183.85	-113.14	0.00015
-176.78	-120.21	0.00016	-169.71	-127.28	0.00016
-166.17	-130.81	0.00016	-162.63	-134.35	0.00017
-160.51	-136.47	0.00017	-159.10	-137.89	0.00017
-157.68	-139.30	0.00017	-156.27	-140.71	0.00017
-154.86	-142.13	0.00017	-142.13	-154.86	0.00017
-140.71	-156.27	0.00017	-139.30	-157.68	0.00017
-137.89	-159.10	0.00017	-136.47	-160.51	0.00017
-134.35	-162.63	0.00017	-130.81	-166.17	0.00018
-127.28	-169.71	0.00018	-120.21	-176.78	0.00018
-113.14	-183.85	0.00018	-106.07	-190.92	0.00018
-98.99	-197.99	0.00018	-91.92	-205.06	0.00018
-84.85	-212.13	0.00018	-77.78	-219.20	0.00018
-212.13	-70.71	0.00014	-205.06	-77.78	0.00014
-197.99	-84.85	0.00015	-190.92	-91.92	0.00015
-183.85	-98.99	0.00016	-176.78	-106.07	0.00016
-169.71	-113.14	0.00017	-162.63	-120.21	0.00017
-159.10	-123.74	0.00017	-155.56	-127.28	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 25
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00018	-152.03	-130.81	0.00018
-150.61	-132.23	0.00018	-149.20	-133.64	0.00018
-147.79	-135.06	0.00018	-135.06	-147.79	0.00018
-133.64	-149.20	0.00018	-132.23	-150.61	0.00018
-130.81	-152.03	0.00018	-129.40	-153.44	0.00018

-127.28	-155.56	0.00018	-123.74	-159.10	0.00018
-120.21	-162.63	0.00018	-113.14	-169.71	0.00018
-106.07	-176.78	0.00019	-98.99	-183.85	0.00019
-91.92	-190.92	0.00019	-84.85	-197.99	0.00019
-77.78	-205.06	0.00018	-70.71	-212.13	0.00018
-205.06	-63.64	0.00015	-197.99	-70.71	0.00015
-190.92	-77.78	0.00016	-183.85	-84.85	0.00016
-176.78	-91.92	0.00016	-169.71	-98.99	0.00017
-162.63	-106.07	0.00017	-155.56	-113.14	0.00018
-152.03	-116.67	0.00018	-148.49	-120.21	0.00018
-146.37	-122.33	0.00018	-144.96	-123.74	0.00018
-143.54	-125.16	0.00019	-142.13	-126.57	0.00019
-140.71	-127.99	0.00019	-127.99	-140.71	0.00019
-126.57	-142.13	0.00019	-125.16	-143.54	0.00019
-123.74	-144.96	0.00019	-122.33	-146.37	0.00019
-120.21	-148.49	0.00019	-116.67	-152.03	0.00019
-113.14	-155.56	0.00019	-106.07	-162.63	0.00019
-98.99	-169.71	0.00019	-91.92	-176.78	0.00019
-84.85	-183.85	0.00019	-77.78	-190.92	0.00019
-70.71	-197.99	0.00019	-63.64	-205.06	0.00019
-197.99	-56.57	0.00015	-190.92	-63.64	0.00016
-183.85	-70.71	0.00016	-176.78	-77.78	0.00017
-169.71	-84.85	0.00017	-162.63	-91.92	0.00018
-155.56	-98.99	0.00018	-148.49	-106.07	0.00019
-144.96	-109.60	0.00019	-141.42	-113.14	0.00019
-139.30	-115.26	0.00019	-137.89	-116.67	0.00019
-136.47	-118.09	0.00019	-135.06	-119.50	0.00020
-133.64	-120.92	0.00020	-120.92	-133.64	0.00020
-119.50	-135.06	0.00020	-118.09	-136.47	0.00020
-116.67	-137.89	0.00020	-115.26	-139.30	0.00020
-113.14	-141.42	0.00020	-109.60	-144.96	0.00020
-106.07	-148.49	0.00020	-98.99	-155.56	0.00020
-91.92	-162.63	0.00020	-84.85	-169.71	0.00020
-77.78	-176.78	0.00020	-70.71	-183.85	0.00020
-63.64	-190.92	0.00020	-56.57	-197.99	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 26
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00016	-183.85	-56.57	0.00016
-176.78	-63.64	0.00017	-169.71	-70.71	0.00017
-162.63	-77.78	0.00018	-155.56	-84.85	0.00019
-148.49	-91.92	0.00019	-141.42	-98.99	0.00020
-137.89	-102.53	0.00020	-134.35	-106.07	0.00020
-132.23	-108.19	0.00020	-130.81	-109.60	0.00020
-129.40	-111.02	0.00020	-127.99	-112.43	0.00021
-126.57	-113.84	0.00021	-113.84	-126.57	0.00021
-112.43	-127.99	0.00021	-111.02	-129.40	0.00021
-109.60	-130.81	0.00021	-108.19	-132.23	0.00021
-106.07	-134.35	0.00021	-102.53	-137.89	0.00021
-98.99	-141.42	0.00021	-91.92	-148.49	0.00021
-84.85	-155.56	0.00022	-77.78	-162.63	0.00022
-70.71	-169.71	0.00022	-63.64	-176.78	0.00021
-56.57	-183.85	0.00021	-49.50	-190.92	0.00021
-183.85	-42.43	0.00017	-176.78	-49.50	0.00017
-169.71	-56.57	0.00018	-162.63	-63.64	0.00018
-155.56	-70.71	0.00019	-148.49	-77.78	0.00019
-141.42	-84.85	0.00020	-134.35	-91.92	0.00021
-130.81	-95.46	0.00021	-127.28	-98.99	0.00021
-125.16	-101.12	0.00021	-123.74	-102.53	0.00021
-122.33	-103.94	0.00022	-120.92	-105.36	0.00022
-119.50	-106.77	0.00022	-106.77	-119.50	0.00022
-105.36	-120.92	0.00022	-103.94	-122.33	0.00022
-102.53	-123.74	0.00022	-101.12	-125.16	0.00022
-98.99	-127.28	0.00022	-95.46	-130.81	0.00023
-91.92	-134.35	0.00023	-84.85	-141.42	0.00023
-77.78	-148.49	0.00023	-70.71	-155.56	0.00023
-63.64	-162.63	0.00023	-56.57	-169.71	0.00023
-49.50	-176.78	0.00022	-42.43	-183.85	0.00022
-176.78	-35.36	0.00017	-169.71	-42.43	0.00018
-162.63	-49.50	0.00019	-155.56	-56.57	0.00019
-148.49	-63.64	0.00020	-141.42	-70.71	0.00020
-134.35	-77.78	0.00021	-127.28	-84.85	0.00022
-123.74	-88.39	0.00022	-120.21	-91.92	0.00022
-118.09	-94.05	0.00023	-116.67	-95.46	0.00023
-115.26	-96.87	0.00023	-113.84	-98.29	0.00023
-112.43	-99.70	0.00023	-99.70	-112.43	0.00024
-98.29	-113.84	0.00024	-96.87	-115.26	0.00024
-95.46	-116.67	0.00024	-94.05	-118.09	0.00024

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00024	-88.39	-123.74	0.00024
-84.85	-127.28	0.00024	-77.78	-134.35	0.00024
-70.71	-141.42	0.00024	-63.64	-148.49	0.00024
-56.57	-155.56	0.00024	-49.50	-162.63	0.00024
-42.43	-169.71	0.00024	-35.36	-176.78	0.00023
-169.71	-28.28	0.00018	-162.63	-35.36	0.00019
-155.56	-42.43	0.00019	-148.49	-49.50	0.00020
-141.42	-56.57	0.00021	-134.35	-63.64	0.00022
-127.28	-70.71	0.00022	-120.21	-77.78	0.00023
-116.67	-81.32	0.00023	-113.14	-84.85	0.00024
-111.02	-86.97	0.00024	-109.60	-88.39	0.00024
-108.19	-89.80	0.00024	-106.77	-91.22	0.00024
-105.36	-92.63	0.00024	-92.63	-105.36	0.00025
-91.22	-106.77	0.00025	-89.80	-108.19	0.00025
-88.39	-109.60	0.00025	-86.97	-111.02	0.00025
-84.85	-113.14	0.00025	-81.32	-116.67	0.00025
-77.78	-120.21	0.00025	-70.71	-127.28	0.00025
-63.64	-134.35	0.00025	-56.57	-141.42	0.00025
-49.50	-148.49	0.00025	-42.43	-155.56	0.00025
-35.36	-162.63	0.00025	-28.28	-169.71	0.00025
-162.63	-21.21	0.00019	-155.56	-28.28	0.00020
-148.49	-35.36	0.00020	-141.42	-42.43	0.00021
-134.35	-49.50	0.00022	-127.28	-56.57	0.00023
-120.21	-63.64	0.00023	-113.14	-70.71	0.00024
-109.60	-74.25	0.00025	-106.07	-77.78	0.00025
-103.94	-79.90	0.00025	-102.53	-81.32	0.00025
-101.12	-82.73	0.00025	-99.70	-84.15	0.00026
-98.29	-85.56	0.00026	-85.56	-98.29	0.00026
-84.15	-99.70	0.00026	-82.73	-101.12	0.00027
-81.32	-102.53	0.00027	-79.90	-103.94	0.00027
-77.78	-106.07	0.00027	-74.25	-109.60	0.00027
-70.71	-113.14	0.00027	-63.64	-120.21	0.00027
-56.57	-127.28	0.00027	-49.50	-134.35	0.00027
-42.43	-141.42	0.00027	-35.36	-148.49	0.00027
-28.28	-155.56	0.00026	-21.21	-162.63	0.00026
-155.56	-14.14	0.00020	-148.49	-21.21	0.00021
-141.42	-28.28	0.00022	-134.35	-35.36	0.00022

-127.28	-42.43	0.00023	-120.21	-49.50	0.00024
-113.14	-56.57	0.00025	-106.07	-63.64	0.00026
-102.53	-67.18	0.00026	-98.99	-70.71	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 28
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00027	-95.46	-74.25	0.00027
-94.05	-75.66	0.00027	-92.63	-77.07	0.00027
-91.22	-78.49	0.00027	-78.49	-91.22	0.00028
-77.07	-92.63	0.00028	-75.66	-94.05	0.00028
-74.25	-95.46	0.00028	-72.83	-96.87	0.00028
-70.71	-98.99	0.00028	-67.18	-102.53	0.00028
-63.64	-106.07	0.00028	-56.57	-113.14	0.00029
-49.50	-120.21	0.00029	-42.43	-127.28	0.00029
-35.36	-134.35	0.00028	-28.28	-141.42	0.00028
-21.21	-148.49	0.00028	-14.14	-155.56	0.00027
-148.49	-7.07	0.00021	-141.42	-14.14	0.00022
-134.35	-21.21	0.00023	-127.28	-28.28	0.00024
-120.21	-35.36	0.00024	-113.14	-42.43	0.00025
-106.07	-49.50	0.00026	-98.99	-56.57	0.00027
-95.46	-60.10	0.00028	-91.92	-63.64	0.00028
-89.80	-65.76	0.00028	-88.39	-67.18	0.00029
-86.97	-68.59	0.00029	-85.56	-70.00	0.00029
-84.15	-71.42	0.00029	-71.42	-84.15	0.00030
-70.00	-85.56	0.00030	-68.59	-86.97	0.00030
-67.18	-88.39	0.00030	-65.76	-89.80	0.00030
-63.64	-91.92	0.00030	-60.10	-95.46	0.00030
-56.57	-98.99	0.00030	-49.50	-106.07	0.00030
-42.43	-113.14	0.00030	-35.36	-120.21	0.00030
-28.28	-127.28	0.00030	-21.21	-134.35	0.00030
-14.14	-141.42	0.00029	-7.07	-148.49	0.00029
-141.42	0.00	0.00022	-134.35	-7.07	0.00023
-127.28	-14.14	0.00024	-120.21	-21.21	0.00025
-113.14	-28.28	0.00026	-106.07	-35.36	0.00027
-98.99	-42.43	0.00028	-91.92	-49.50	0.00029
-88.39	-53.03	0.00029	-84.85	-56.57	0.00030
-82.73	-58.69	0.00030	-81.32	-60.10	0.00030

-79.90	-61.52	0.00031	-78.49	-62.93	0.00031
-77.07	-64.35	0.00031	-64.35	-77.07	0.00032
-62.93	-78.49	0.00032	-61.52	-79.90	0.00032
-60.10	-81.32	0.00032	-58.69	-82.73	0.00032
-56.57	-84.85	0.00032	-53.03	-88.39	0.00032
-49.50	-91.92	0.00032	-42.43	-98.99	0.00032
-35.36	-106.07	0.00032	-28.28	-113.14	0.00032
-21.21	-120.21	0.00032	-14.14	-127.28	0.00032
-7.07	-134.35	0.00031	0.00	-141.42	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 29
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00023	-127.28	0.00	0.00024
-120.21	-7.07	0.00025	-113.14	-14.14	0.00026
-106.07	-21.21	0.00027	-98.99	-28.28	0.00028
-91.92	-35.36	0.00030	-84.85	-42.43	0.00031
-81.32	-45.96	0.00031	-77.78	-49.50	0.00032
-75.66	-51.62	0.00032	-74.25	-53.03	0.00032
-72.83	-54.45	0.00033	-71.42	-55.86	0.00033
-70.00	-57.28	0.00033	-57.28	-70.00	0.00034
-55.86	-71.42	0.00034	-54.45	-72.83	0.00034
-53.03	-74.25	0.00034	-51.62	-75.66	0.00034
-49.50	-77.78	0.00034	-45.96	-81.32	0.00034
-42.43	-84.85	0.00035	-35.36	-91.92	0.00035
-28.28	-98.99	0.00035	-21.21	-106.07	0.00035
-14.14	-113.14	0.00034	-7.07	-120.21	0.00034
0.00	-127.28	0.00033	7.07	-134.35	0.00032
-127.28	14.14	0.00024	-120.21	7.07	0.00025
-113.14	0.00	0.00027	-106.07	-7.07	0.00028
-98.99	-14.14	0.00029	-91.92	-21.21	0.00030
-84.85	-28.28	0.00032	-77.78	-35.36	0.00033
-74.25	-38.89	0.00034	-70.71	-42.43	0.00034
-68.59	-44.55	0.00034	-67.18	-45.96	0.00035
-65.76	-47.38	0.00035	-64.35	-48.79	0.00035
-62.93	-50.20	0.00035	-50.20	-62.93	0.00037
-48.79	-64.35	0.00037	-47.38	-65.76	0.00037
-45.96	-67.18	0.00037	-44.55	-68.59	0.00037

-42.43	-70.71	0.00037	-38.89	-74.25	0.00037
-35.36	-77.78	0.00037	-28.28	-84.85	0.00037
-21.21	-91.92	0.00037	-14.14	-98.99	0.00037
-7.07	-106.07	0.00037	0.00	-113.14	0.00036
7.07	-120.21	0.00035	14.14	-127.28	0.00034
-120.21	21.21	0.00025	-113.14	14.14	0.00026
-106.07	7.07	0.00028	-98.99	0.00	0.00030
-91.92	-7.07	0.00031	-84.85	-14.14	0.00032
-77.78	-21.21	0.00034	-70.71	-28.28	0.00035
-67.18	-31.82	0.00036	-63.64	-35.36	0.00037
-61.52	-37.48	0.00037	-60.10	-38.89	0.00037
-58.69	-40.31	0.00037	-57.28	-41.72	0.00038
-55.86	-43.13	0.00038	-43.13	-55.86	0.00039
-41.72	-57.28	0.00039	-40.31	-58.69	0.00039
-38.89	-60.10	0.00040	-37.48	-61.52	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 30
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00040	-31.82	-67.18	0.00040
-28.28	-70.71	0.00040	-21.21	-77.78	0.00040
-14.14	-84.85	0.00040	-7.07	-91.92	0.00040
0.00	-98.99	0.00039	7.07	-106.07	0.00038
14.14	-113.14	0.00037	21.21	-120.21	0.00036
-113.14	28.28	0.00026	-106.07	21.21	0.00028
-98.99	14.14	0.00030	-91.92	7.07	0.00031
-84.85	0.00	0.00033	-77.78	-7.07	0.00034
-70.71	-14.14	0.00036	-63.64	-21.21	0.00038
-60.10	-24.75	0.00038	-56.57	-28.28	0.00039
-54.45	-30.41	0.00040	-53.03	-31.82	0.00040
-51.62	-33.23	0.00040	-50.20	-34.65	0.00041
-48.79	-36.06	0.00041	-36.06	-48.79	0.00042
-34.65	-50.20	0.00042	-33.23	-51.62	0.00043
-31.82	-53.03	0.00043	-30.41	-54.45	0.00043
-28.28	-56.57	0.00043	-24.75	-60.10	0.00043
-21.21	-63.64	0.00043	-14.14	-70.71	0.00043
-7.07	-77.78	0.00043	0.00	-84.85	0.00043
7.07	-91.92	0.00042	14.14	-98.99	0.00041

21.21	-106.07	0.00040	28.28	-113.14	0.00038
-106.07	35.36	0.00027	-98.99	28.28	0.00029
-91.92	21.21	0.00031	-84.85	14.14	0.00033
-77.78	7.07	0.00035	-70.71	0.00	0.00037
-63.64	-7.07	0.00039	-56.57	-14.14	0.00040
-53.03	-17.68	0.00041	-49.50	-21.21	0.00042
-47.38	-23.33	0.00043	-45.96	-24.75	0.00043
-44.55	-26.16	0.00044	-43.13	-27.58	0.00044
-41.72	-28.99	0.00044	-28.99	-41.72	0.00046
-27.58	-43.13	0.00046	-26.16	-44.55	0.00046
-24.75	-45.96	0.00046	-23.33	-47.38	0.00046
-21.21	-49.50	0.00046	-17.68	-53.03	0.00046
-14.14	-56.57	0.00046	-7.07	-63.64	0.00047
0.00	-70.71	0.00046	7.07	-77.78	0.00046
14.14	-84.85	0.00045	21.21	-91.92	0.00044
28.28	-98.99	0.00043	35.36	-106.07	0.00041
-98.99	42.43	0.00028	-91.92	35.36	0.00031
-84.85	28.28	0.00033	-77.78	21.21	0.00035
-70.71	14.14	0.00038	-63.64	7.07	0.00040
-56.57	0.00	0.00042	-49.50	-7.07	0.00044
-45.96	-10.61	0.00045	-42.43	-14.14	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 31
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00046	-38.89	-17.68	0.00047
-37.48	-19.09	0.00047	-36.06	-20.51	0.00047
-34.65	-21.92	0.00048	-21.92	-34.65	0.00050
-20.51	-36.06	0.00050	-19.09	-37.48	0.00050
-17.68	-38.89	0.00050	-16.26	-40.31	0.00050
-14.14	-42.43	0.00050	-10.61	-45.96	0.00050
-7.07	-49.50	0.00050	0.00	-56.57	0.00051
7.07	-63.64	0.00050	14.14	-70.71	0.00050
21.21	-77.78	0.00049	28.28	-84.85	0.00047
35.36	-91.92	0.00045	42.43	-98.99	0.00043
-91.92	49.50	0.00029	-84.85	42.43	0.00032
-77.78	35.36	0.00035	-70.71	28.28	0.00038
-63.64	21.21	0.00040	-56.57	14.14	0.00043

-49.50	7.07	0.00045	-42.43	0.00	0.00047
-38.89	-3.54	0.00048	-35.36	-7.07	0.00050
-33.23	-9.19	0.00050	-31.82	-10.61	0.00051
-30.41	-12.02	0.00051	-28.99	-13.44	0.00052
-27.58	-14.85	0.00052	-14.85	-27.58	0.00054
-13.44	-28.99	0.00054	-12.02	-30.41	0.00055
-10.61	-31.82	0.00055	-9.19	-33.23	0.00055
-7.07	-35.36	0.00055	-3.54	-38.89	0.00055
0.00	-42.43	0.00055	7.07	-49.50	0.00055
14.14	-56.57	0.00055	21.21	-63.64	0.00054
28.28	-70.71	0.00052	35.36	-77.78	0.00051
42.43	-84.85	0.00048	49.50	-91.92	0.00046
-84.85	56.57	0.00031	-77.78	49.50	0.00034
-70.71	42.43	0.00037	-63.64	35.36	0.00040
-56.57	28.28	0.00043	-49.50	21.21	0.00046
-42.43	14.14	0.00048	-35.36	7.07	0.00051
-31.82	3.54	0.00053	-28.28	0.00	0.00054
-26.16	-2.12	0.00055	-24.75	-3.54	0.00055
-23.33	-4.95	0.00056	-21.92	-6.36	0.00056
-20.51	-7.78	0.00057	-7.78	-20.51	0.00059
-6.36	-21.92	0.00060	-4.95	-23.33	0.00060
-3.54	-24.75	0.00060	-2.12	-26.16	0.00060
0.00	-28.28	0.00060	3.54	-31.82	0.00060
7.07	-35.36	0.00060	14.14	-42.43	0.00060
21.21	-49.50	0.00060	28.28	-56.57	0.00058
35.36	-63.64	0.00057	42.43	-70.71	0.00054
49.50	-77.78	0.00052	56.57	-84.85	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 32
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00032	-70.71	56.57	0.00035
-63.64	49.50	0.00039	-56.57	42.43	0.00043
-49.50	35.36	0.00046	-42.43	28.28	0.00050
-35.36	21.21	0.00053	-28.28	14.14	0.00056
-24.75	10.61	0.00057	-21.21	7.07	0.00059
-19.09	4.95	0.00060	-17.68	3.54	0.00061
-16.26	2.12	0.00061	-14.85	0.71	0.00062

-13.44	-0.71	0.00062	-0.71	-13.44	0.00065
0.71	-14.85	0.00065	2.12	-16.26	0.00066
3.54	-17.68	0.00066	4.95	-19.09	0.00066
7.07	-21.21	0.00066	10.61	-24.75	0.00066
14.14	-28.28	0.00066	21.21	-35.36	0.00066
28.28	-42.43	0.00065	35.36	-49.50	0.00064
42.43	-56.57	0.00061	49.50	-63.64	0.00058
56.57	-70.71	0.00055	63.64	-77.78	0.00051
-70.71	70.71	0.00034	-63.64	63.64	0.00037
-56.57	56.57	0.00041	-49.50	49.50	0.00045
-42.43	42.43	0.00050	-35.36	35.36	0.00054
-28.28	28.28	0.00057	-21.21	21.21	0.00061
-17.68	17.68	0.00063	-14.14	14.14	0.00065
-12.02	12.02	0.00066	-10.61	10.61	0.00067
-9.19	9.19	0.00067	-7.78	7.78	0.00068
-6.36	6.36	0.00069	6.36	-6.36	0.00072
7.78	-7.78	0.00072	9.19	-9.19	0.00073
10.61	-10.61	0.00073	12.02	-12.02	0.00073
14.14	-14.14	0.00073	17.68	-17.68	0.00073
21.21	-21.21	0.00073	28.28	-28.28	0.00073
35.36	-35.36	0.00072	42.43	-42.43	0.00070
49.50	-49.50	0.00067	56.57	-56.57	0.00063
63.64	-63.64	0.00058	70.71	-70.71	0.00053
-63.64	77.78	0.00035	-56.57	70.71	0.00039
-49.50	63.64	0.00043	-42.43	56.57	0.00048
-35.36	49.50	0.00053	-28.28	42.43	0.00058
-21.21	35.36	0.00063	-14.14	28.28	0.00067
-10.61	24.75	0.00069	-7.07	21.21	0.00071
-4.95	19.09	0.00073	-3.54	17.68	0.00073
-2.12	16.26	0.00074	-0.71	14.85	0.00075
0.71	13.44	0.00076	13.44	0.71	0.00080
14.85	-0.71	0.00080	16.26	-2.12	0.00081
17.68	-3.54	0.00081	19.09	-4.95	0.00081

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 33
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00081	24.75	-10.61	0.00081

28.28	-14.14	0.00081	35.36	-21.21	0.00081
42.43	-28.28	0.00079	49.50	-35.36	0.00076
56.57	-42.43	0.00072	63.64	-49.50	0.00067
70.71	-56.57	0.00062	77.78	-63.64	0.00056
-56.57	84.85	0.00037	-49.50	77.78	0.00041
-42.43	70.71	0.00046	-35.36	63.64	0.00051
-28.28	56.57	0.00057	-21.21	49.50	0.00063
-14.14	42.43	0.00069	-7.07	35.36	0.00074
-3.54	31.82	0.00076	0.00	28.28	0.00079
2.12	26.16	0.00081	3.54	24.75	0.00082
4.95	23.33	0.00083	6.36	21.92	0.00084
7.78	20.51	0.00085	20.51	7.78	0.00090
21.92	6.36	0.00090	23.33	4.95	0.00090
24.75	3.54	0.00090	26.16	2.12	0.00091
28.28	0.00	0.00091	31.82	-3.54	0.00091
35.36	-7.07	0.00091	42.43	-14.14	0.00090
49.50	-21.21	0.00087	56.57	-28.28	0.00083
63.64	-35.36	0.00078	70.71	-42.43	0.00072
77.78	-49.50	0.00065	84.85	-56.57	0.00058
-49.50	91.92	0.00038	-42.43	84.85	0.00043
-35.36	77.78	0.00048	-28.28	70.71	0.00054
-21.21	63.64	0.00061	-14.14	56.57	0.00069
-7.07	49.50	0.00075	0.00	42.43	0.00082
3.54	38.89	0.00085	7.07	35.36	0.00088
9.19	33.23	0.00090	10.61	31.82	0.00091
12.02	30.41	0.00092	13.44	28.99	0.00094
14.85	27.58	0.00095	27.58	14.85	0.00101
28.99	13.44	0.00101	30.41	12.02	0.00102
31.82	10.61	0.00102	33.23	9.19	0.00102
35.36	7.07	0.00102	38.89	3.54	0.00102
42.43	0.00	0.00102	49.50	-7.07	0.00100
56.57	-14.14	0.00097	63.64	-21.21	0.00091
70.71	-28.28	0.00084	77.78	-35.36	0.00076
84.85	-42.43	0.00068	91.92	-49.50	0.00061
-42.43	98.99	0.00040	-35.36	91.92	0.00045
-28.28	84.85	0.00051	-21.21	77.78	0.00058
-14.14	70.71	0.00066	-7.07	63.64	0.00074
0.00	56.57	0.00083	7.07	49.50	0.00091
10.61	45.96	0.00095	14.14	42.43	0.00098

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 34
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00101	17.68	38.89	0.00102
19.09	37.48	0.00104	20.51	36.06	0.00105
21.92	34.65	0.00107	34.65	21.92	0.00115
36.06	20.51	0.00115	37.48	19.09	0.00115
38.89	17.68	0.00115	40.31	16.26	0.00116
42.43	14.14	0.00116	45.96	10.61	0.00116
49.50	7.07	0.00115	56.57	0.00	0.00113
63.64	-7.07	0.00107	70.71	-14.14	0.00100
77.78	-21.21	0.00090	84.85	-28.28	0.00081
91.92	-35.36	0.00071	98.99	-42.43	0.00063
-35.36	106.07	0.00041	-28.28	98.99	0.00047
-21.21	91.92	0.00053	-14.14	84.85	0.00061
-7.07	77.78	0.00070	0.00	70.71	0.00081
7.07	63.64	0.00091	14.14	56.57	0.00101
17.68	53.03	0.00106	21.21	49.50	0.00111
23.33	47.38	0.00114	24.75	45.96	0.00116
26.16	44.55	0.00117	27.58	43.13	0.00119
28.99	41.72	0.00121	41.72	28.99	0.00131
43.13	27.58	0.00131	44.55	26.16	0.00132
45.96	24.75	0.00132	47.38	23.33	0.00132
49.50	21.21	0.00132	53.03	17.68	0.00132
56.57	14.14	0.00131	63.64	7.07	0.00127
70.71	0.00	0.00119	77.78	-7.07	0.00108
84.85	-14.14	0.00097	91.92	-21.21	0.00085
98.99	-28.28	0.00074	106.07	-35.36	0.00064
-28.28	113.14	0.00043	-21.21	106.07	0.00049
-14.14	98.99	0.00056	-7.07	91.92	0.00065
0.00	84.85	0.00075	7.07	77.78	0.00087
14.14	70.71	0.00100	21.21	63.64	0.00114
24.75	60.10	0.00120	28.28	56.57	0.00125
30.41	54.45	0.00129	31.82	53.03	0.00131
33.23	51.62	0.00134	34.65	50.20	0.00136
36.06	48.79	0.00139	48.79	36.06	0.00151
50.20	34.65	0.00152	51.62	33.23	0.00152
53.03	31.82	0.00152	54.45	30.41	0.00153
56.57	28.28	0.00153	60.10	24.75	0.00152
63.64	21.21	0.00150	70.71	14.14	0.00143
77.78	7.07	0.00131	84.85	0.00	0.00117
91.92	-7.07	0.00102	98.99	-14.14	0.00089

106.07	-21.21	0.00076	113.14	-28.28	0.00066

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 35
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00043	-14.14	113.14	0.00050
-7.07	106.07	0.00058	0.00	98.99	0.00068
7.07	91.92	0.00080	14.14	84.85	0.00094
21.21	77.78	0.00110	28.28	70.71	0.00127
31.82	67.18	0.00135	35.36	63.64	0.00143
37.48	61.52	0.00147	38.89	60.10	0.00150
40.31	58.69	0.00154	41.72	57.28	0.00157
43.13	55.86	0.00160	55.86	43.13	0.00176
57.28	41.72	0.00177	58.69	40.31	0.00177
60.10	38.89	0.00178	61.52	37.48	0.00178
63.64	35.36	0.00178	67.18	31.82	0.00176
70.71	28.28	0.00173	77.78	21.21	0.00161
84.85	14.14	0.00144	91.92	7.07	0.00126
98.99	0.00	0.00108	106.07	-7.07	0.00092
113.14	-14.14	0.00078	120.21	-21.21	0.00067
-14.14	127.28	0.00044	-7.07	120.21	0.00051
0.00	113.14	0.00060	7.07	106.07	0.00071
14.14	98.99	0.00085	21.21	91.92	0.00101
28.28	84.85	0.00120	35.36	77.78	0.00142
38.89	74.25	0.00153	42.43	70.71	0.00163
44.55	68.59	0.00169	45.96	67.18	0.00173
47.38	65.76	0.00177	48.79	64.35	0.00181
50.20	62.93	0.00185	62.93	50.20	0.00207
64.35	48.79	0.00208	65.76	47.38	0.00209
67.18	45.96	0.00209	68.59	44.55	0.00209
70.71	42.43	0.00208	74.25	38.89	0.00205
77.78	35.36	0.00199	84.85	28.28	0.00180
91.92	21.21	0.00157	98.99	14.14	0.00133
106.07	7.07	0.00112	113.14	0.00	0.00094
120.21	-7.07	0.00079	127.28	-14.14	0.00067
-7.07	134.35	0.00044	0.00	127.28	0.00052
7.07	120.21	0.00062	14.14	113.14	0.00074
21.21	106.07	0.00089	28.28	98.99	0.00107

35.36	91.92	0.00130	42.43	84.85	0.00157
45.96	81.32	0.00172	49.50	77.78	0.00186
51.62	75.66	0.00195	53.03	74.25	0.00200
54.45	72.83	0.00205	55.86	71.42	0.00211
57.28	70.00	0.00216	70.00	57.28	0.00247
71.42	55.86	0.00248	72.83	54.45	0.00248
74.25	53.03	0.00248	75.66	51.62	0.00248

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 36
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00246	81.32	45.96	0.00239
84.85	42.43	0.00229	91.92	35.36	0.00199
98.99	28.28	0.00168	106.07	21.21	0.00140
113.14	14.14	0.00115	120.21	7.07	0.00096
127.28	0.00	0.00080	134.35	-7.07	0.00067
0.00	141.42	0.00044	7.07	134.35	0.00052
14.14	127.28	0.00062	21.21	120.21	0.00075
28.28	113.14	0.00091	35.36	106.07	0.00113
42.43	98.99	0.00140	49.50	91.92	0.00172
53.03	88.39	0.00191	56.57	84.85	0.00211
58.69	82.73	0.00223	60.10	81.32	0.00231
61.52	79.90	0.00238	62.93	78.49	0.00246
64.35	77.07	0.00253	77.07	64.35	0.00297
78.49	62.93	0.00298	79.90	61.52	0.00298
81.32	60.10	0.00297	82.73	58.69	0.00295
84.85	56.57	0.00290	88.39	53.03	0.00276
91.92	49.50	0.00258	98.99	42.43	0.00216
106.07	35.36	0.00177	113.14	28.28	0.00144
120.21	21.21	0.00117	127.28	14.14	0.00096
134.35	7.07	0.00079	141.42	0.00	0.00066
7.07	148.49	0.00044	14.14	141.42	0.00052
21.21	134.35	0.00063	28.28	127.28	0.00076
35.36	120.21	0.00093	42.43	113.14	0.00116
49.50	106.07	0.00147	56.57	98.99	0.00186
60.10	95.46	0.00210	63.64	91.92	0.00235
65.76	89.80	0.00252	67.18	88.39	0.00263
68.59	86.97	0.00274	70.00	85.56	0.00285

71.42	84.15	0.00296	84.15	71.42	0.00361
85.56	70.00	0.00361	86.97	68.59	0.00359
88.39	67.18	0.00355	89.80	65.76	0.00349
91.92	63.64	0.00337	95.46	60.10	0.00312
98.99	56.57	0.00283	106.07	49.50	0.00229
113.14	42.43	0.00183	120.21	35.36	0.00146
127.28	28.28	0.00117	134.35	21.21	0.00094
141.42	14.14	0.00077	148.49	7.07	0.00064
14.14	155.56	0.00045	21.21	148.49	0.00053
28.28	141.42	0.00063	35.36	134.35	0.00077
42.43	127.28	0.00094	49.50	120.21	0.00118
56.57	113.14	0.00150	63.64	106.07	0.00195
67.18	102.53	0.00223	70.71	98.99	0.00255

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 37
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00277	74.25	95.46	0.00293
75.66	94.05	0.00309	77.07	92.63	0.00326
78.49	91.22	0.00343	91.22	78.49	0.00442
92.63	77.07	0.00436	94.05	75.66	0.00426
95.46	74.25	0.00414	96.87	72.83	0.00400
98.99	70.71	0.00377	102.53	67.18	0.00339
106.07	63.64	0.00301	113.14	56.57	0.00235
120.21	49.50	0.00183	127.28	42.43	0.00144
134.35	35.36	0.00114	141.42	28.28	0.00092
148.49	21.21	0.00075	155.56	14.14	0.00062
21.21	162.63	0.00046	28.28	155.56	0.00054
35.36	148.49	0.00065	42.43	141.42	0.00079
49.50	134.35	0.00097	56.57	127.28	0.00121
63.64	120.21	0.00153	70.71	113.14	0.00199
74.25	109.60	0.00230	77.78	106.07	0.00266
79.90	103.94	0.00292	81.32	102.53	0.00311
82.73	101.12	0.00333	84.15	99.70	0.00359
85.56	98.29	0.00389	98.29	85.56	0.00525
99.70	84.15	0.00501	101.12	82.73	0.00476
102.53	81.32	0.00453	103.94	79.90	0.00430
106.07	77.78	0.00398	109.60	74.25	0.00349

113.14	70.71	0.00306	120.21	63.64	0.00234
127.28	56.57	0.00180	134.35	49.50	0.00140
141.42	42.43	0.00110	148.49	35.36	0.00088
155.56	28.28	0.00072	162.63	21.21	0.00060
28.28	169.71	0.00047	35.36	162.63	0.00056
42.43	155.56	0.00067	49.50	148.49	0.00081
56.57	141.42	0.00100	63.64	134.35	0.00125
70.71	127.28	0.00160	77.78	120.21	0.00209
81.32	116.67	0.00242	84.85	113.14	0.00283
86.97	111.02	0.00314	88.39	109.60	0.00338
89.80	108.19	0.00367	91.22	106.77	0.00405
92.63	105.36	0.00457	105.36	92.63	0.00553
106.77	91.22	0.00518	108.19	89.80	0.00488
109.60	88.39	0.00461	111.02	86.97	0.00436
113.14	84.85	0.00400	116.67	81.32	0.00348
120.21	77.78	0.00302	127.28	70.71	0.00227
134.35	63.64	0.00173	141.42	56.57	0.00133
148.49	49.50	0.00105	155.56	42.43	0.00084
162.63	35.36	0.00069	169.71	28.28	0.00057

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 38
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00049	42.43	169.71	0.00058
49.50	162.63	0.00070	56.57	155.56	0.00085
63.64	148.49	0.00106	70.71	141.42	0.00134
77.78	134.35	0.00175	84.85	127.28	0.00239
88.39	123.74	0.00289	91.92	120.21	0.00361
94.05	118.09	0.00418	95.46	116.67	0.00463
96.87	115.26	0.00514	98.29	113.84	0.00572
99.70	112.43	0.00639	112.43	99.70	0.00564
113.84	98.29	0.00522	115.26	96.87	0.00487
116.67	95.46	0.00457	118.09	94.05	0.00429
120.21	91.92	0.00391	123.74	88.39	0.00336
127.28	84.85	0.00288	134.35	77.78	0.00214
141.42	70.71	0.00161	148.49	63.64	0.00124
155.56	56.57	0.00098	162.63	49.50	0.00078
169.71	42.43	0.00064	176.78	35.36	0.00053

42.43	183.85	0.00053	49.50	176.78	0.00062
56.57	169.71	0.00075	63.64	162.63	0.00092
70.71	155.56	0.00116	77.78	148.49	0.00152
84.85	141.42	0.00207	91.92	134.35	0.00302
95.46	130.81	0.00373	98.99	127.28	0.00463
101.12	125.16	0.00525	102.53	123.74	0.00570
103.94	122.33	0.00618	105.36	120.92	0.00670
106.77	119.50	0.00730	119.50	106.77	0.00570
120.92	105.36	0.00523	122.33	103.94	0.00484
123.74	102.53	0.00449	125.16	101.12	0.00418
127.28	98.99	0.00376	130.81	95.46	0.00318
134.35	91.92	0.00269	141.42	84.85	0.00196
148.49	77.78	0.00147	155.56	70.71	0.00113
162.63	63.64	0.00089	169.71	56.57	0.00072
176.78	49.50	0.00059	183.85	42.43	0.00049
49.50	190.92	0.00057	56.57	183.85	0.00068
63.64	176.78	0.00083	70.71	169.71	0.00103
77.78	162.63	0.00133	84.85	155.56	0.00179
91.92	148.49	0.00251	98.99	141.42	0.00362
102.53	137.89	0.00436	106.07	134.35	0.00521
108.19	132.23	0.00579	109.60	130.81	0.00621
111.02	129.40	0.00665	112.43	127.99	0.00714
113.84	126.57	0.00768	126.57	113.84	0.00563
127.99	112.43	0.00512	129.40	111.02	0.00470
130.81	109.60	0.00433	132.23	108.19	0.00399

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 39
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00355	137.89	102.53	0.00293
141.42	98.99	0.00245	148.49	91.92	0.00175
155.56	84.85	0.00131	162.63	77.78	0.00101
169.71	70.71	0.00080	176.78	63.64	0.00065
183.85	56.57	0.00054	190.92	49.50	0.00045
56.57	197.99	0.00064	63.64	190.92	0.00076
70.71	183.85	0.00094	77.78	176.78	0.00119
84.85	169.71	0.00156	91.92	162.63	0.00210
98.99	155.56	0.00290	106.07	148.49	0.00400

109.60	144.96	0.00468	113.14	141.42	0.00547
115.26	139.30	0.00601	116.67	137.89	0.00639
118.09	136.47	0.00681	119.50	135.06	0.00726
120.92	133.64	0.00777	133.64	120.92	0.00540
135.06	119.50	0.00486	136.47	118.09	0.00442
137.89	116.67	0.00403	139.30	115.26	0.00369
141.42	113.14	0.00324	144.96	109.60	0.00262
148.49	106.07	0.00216	155.56	98.99	0.00153
162.63	91.92	0.00115	169.71	84.85	0.00089
176.78	77.78	0.00071	183.85	70.71	0.00058
190.92	63.64	0.00048	197.99	56.57	0.00041
63.64	205.06	0.00071	70.71	197.99	0.00087
77.78	190.92	0.00108	84.85	183.85	0.00138
91.92	176.78	0.00180	98.99	169.71	0.00238
106.07	162.63	0.00316	113.14	155.56	0.00420
116.67	152.03	0.00482	120.21	148.49	0.00554
122.33	146.37	0.00602	123.74	144.96	0.00638
125.16	143.54	0.00676	126.57	142.13	0.00717
127.99	140.71	0.00765	140.71	127.99	0.00500
142.13	126.57	0.00444	143.54	125.16	0.00398
144.96	123.74	0.00359	146.37	122.33	0.00325
148.49	120.21	0.00281	152.03	116.67	0.00225
155.56	113.14	0.00184	162.63	106.07	0.00131
169.71	98.99	0.00099	176.78	91.92	0.00078
183.85	84.85	0.00063	190.92	77.78	0.00052
197.99	70.71	0.00043	205.06	63.64	0.00037
70.71	212.13	0.00080	77.78	205.06	0.00098
84.85	197.99	0.00123	91.92	190.92	0.00157
98.99	183.85	0.00201	106.07	176.78	0.00260
113.14	169.71	0.00334	120.21	162.63	0.00428
123.74	159.10	0.00484	127.28	155.56	0.00549

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 40
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00592	130.81	152.03	0.00623
132.23	150.61	0.00656	133.64	149.20	0.00692
135.06	147.79	0.00735	147.79	135.06	0.00439

149.20	133.64	0.00383	150.61	132.23	0.00338
152.03	130.81	0.00301	153.44	129.40	0.00270
155.56	127.28	0.00232	159.10	123.74	0.00186
162.63	120.21	0.00154	169.71	113.14	0.00111
176.78	106.07	0.00085	183.85	98.99	0.00068
190.92	91.92	0.00055	197.99	84.85	0.00046
205.06	77.78	0.00039	212.13	70.71	0.00034
77.78	219.20	0.00089	84.85	212.13	0.00110
91.92	205.06	0.00137	98.99	197.99	0.00172
106.07	190.92	0.00218	113.14	183.85	0.00275
120.21	176.78	0.00346	127.28	169.71	0.00432
130.81	166.17	0.00483	134.35	162.63	0.00540
136.47	160.51	0.00576	137.89	159.10	0.00601
139.30	157.68	0.00628	140.71	156.27	0.00658
142.13	154.86	0.00693	154.86	142.13	0.00356
156.27	140.71	0.00305	157.68	139.30	0.00267
159.10	137.89	0.00237	160.51	136.47	0.00214
162.63	134.35	0.00186	166.17	130.81	0.00151
169.71	127.28	0.00127	176.78	120.21	0.00095
183.85	113.14	0.00074	190.92	106.07	0.00060
197.99	98.99	0.00049	205.06	91.92	0.00041
212.13	84.85	0.00035	219.20	77.78	0.00030
84.85	226.27	0.00097	91.92	219.20	0.00119
98.99	212.13	0.00148	106.07	205.06	0.00183
113.14	197.99	0.00228	120.21	190.92	0.00283
127.28	183.85	0.00351	134.35	176.78	0.00434
137.89	173.24	0.00482	141.42	169.71	0.00532
143.54	167.58	0.00563	144.96	166.17	0.00583
146.37	164.76	0.00604	147.79	163.34	0.00625
149.20	161.93	0.00649	161.93	149.20	0.00266
163.34	147.79	0.00233	164.76	146.37	0.00208
166.17	144.96	0.00189	167.58	143.54	0.00173
169.71	141.42	0.00154	173.24	137.89	0.00129
176.78	134.35	0.00110	183.85	127.28	0.00083
190.92	120.21	0.00066	197.99	113.14	0.00053
205.06	106.07	0.00044	212.13	98.99	0.00037
219.20	91.92	0.00031	226.27	84.85	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 41
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00105	98.99	226.27	0.00127
106.07	219.20	0.00156	113.14	212.13	0.00190
120.21	205.06	0.00233	127.28	197.99	0.00285
134.35	190.92	0.00348	141.42	183.85	0.00425
144.96	180.31	0.00468	148.49	176.78	0.00511
150.61	174.66	0.00537	152.03	173.24	0.00552
153.44	171.83	0.00564	154.86	170.41	0.00573
156.27	169.00	0.00573	169.00	156.27	0.00224
170.41	154.86	0.00202	171.83	153.44	0.00182
173.24	152.03	0.00166	174.66	150.61	0.00153
176.78	148.49	0.00136	180.31	144.96	0.00114
183.85	141.42	0.00097	190.92	134.35	0.00074
197.99	127.28	0.00058	205.06	120.21	0.00047
212.13	113.14	0.00039	219.20	106.07	0.00033
226.27	98.99	0.00028	233.35	91.92	0.00025
98.99	240.42	0.00111	106.07	233.35	0.00133
113.14	226.27	0.00160	120.21	219.20	0.00192
127.28	212.13	0.00231	134.35	205.06	0.00278
141.42	197.99	0.00333	148.49	190.92	0.00390
152.03	187.38	0.00414	155.56	183.85	0.00425
157.68	181.73	0.00422	159.10	180.31	0.00415
160.51	178.90	0.00405	161.93	177.48	0.00392
163.34	176.07	0.00376	176.07	163.34	0.00192
177.48	161.93	0.00177	178.90	160.51	0.00163
180.31	159.10	0.00150	181.73	157.68	0.00139
183.85	155.56	0.00124	187.38	152.03	0.00104
190.92	148.49	0.00089	197.99	141.42	0.00068
205.06	134.35	0.00054	212.13	127.28	0.00043
219.20	120.21	0.00036	226.27	113.14	0.00030
233.35	106.07	0.00026	240.42	98.99	0.00022
106.07	247.49	0.00114	113.14	240.42	0.00135
120.21	233.35	0.00160	127.28	226.27	0.00189
134.35	219.20	0.00223	141.42	212.13	0.00260
148.49	205.06	0.00296	155.56	197.99	0.00318
159.10	194.45	0.00317	162.63	190.92	0.00308
164.76	188.80	0.00299	166.17	187.38	0.00292
167.58	185.97	0.00283	169.00	184.55	0.00274
170.41	183.14	0.00264	183.14	170.41	0.00159
184.55	169.00	0.00149	185.97	167.58	0.00139
187.38	166.17	0.00130	188.80	164.76	0.00122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1 ***
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00111	194.45	159.10	0.00095
197.99	155.56	0.00082	205.06	148.49	0.00063
212.13	141.42	0.00050	219.20	134.35	0.00040
226.27	127.28	0.00033	233.35	120.21	0.00028
240.42	113.14	0.00024	247.49	106.07	0.00021

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00017	-240.42	-113.14	0.00017
-233.35	-120.21	0.00018	-226.27	-127.28	0.00018
-219.20	-134.35	0.00019	-212.13	-141.42	0.00019
-205.06	-148.49	0.00020	-197.99	-155.56	0.00021
-194.45	-159.10	0.00021	-190.92	-162.63	0.00021
-188.80	-164.76	0.00021	-187.38	-166.17	0.00021
-185.97	-167.58	0.00022	-184.55	-169.00	0.00022
-183.14	-170.41	0.00022	-170.41	-183.14	0.00022
-169.00	-184.55	0.00022	-167.58	-185.97	0.00022
-166.17	-187.38	0.00022	-164.76	-188.80	0.00022
-162.63	-190.92	0.00022	-159.10	-194.45	0.00023
-155.56	-197.99	0.00023	-148.49	-205.06	0.00023
-141.42	-212.13	0.00023	-134.35	-219.20	0.00023
-127.28	-226.27	0.00023	-120.21	-233.35	0.00023
-113.14	-240.42	0.00022	-106.07	-247.49	0.00022
-240.42	-98.99	0.00017	-233.35	-106.07	0.00018
-226.27	-113.14	0.00019	-219.20	-120.21	0.00019
-212.13	-127.28	0.00020	-205.06	-134.35	0.00020
-197.99	-141.42	0.00021	-190.92	-148.49	0.00022
-187.38	-152.03	0.00022	-183.85	-155.56	0.00022

-181.73	-157.68	0.00023	-180.31	-159.10	0.00023
-178.90	-160.51	0.00023	-177.48	-161.93	0.00023
-176.07	-163.34	0.00023	-163.34	-176.07	0.00024
-161.93	-177.48	0.00024	-160.51	-178.90	0.00024
-159.10	-180.31	0.00024	-157.68	-181.73	0.00024
-155.56	-183.85	0.00024	-152.03	-187.38	0.00024
-148.49	-190.92	0.00024	-141.42	-197.99	0.00024
-134.35	-205.06	0.00024	-127.28	-212.13	0.00024
-120.21	-219.20	0.00024	-113.14	-226.27	0.00024
-106.07	-233.35	0.00024	-98.99	-240.42	0.00023
-233.35	-91.92	0.00018	-226.27	-99.00	0.00019
-219.20	-106.07	0.00019	-212.13	-113.14	0.00020
-205.06	-120.21	0.00021	-197.99	-127.28	0.00022
-190.92	-134.35	0.00022	-183.85	-141.42	0.00023
-180.31	-144.96	0.00023	-176.78	-148.49	0.00024
-174.66	-150.61	0.00024	-173.24	-152.03	0.00024
-171.83	-153.44	0.00024	-170.41	-154.86	0.00024
-169.00	-156.27	0.00024	-156.27	-169.00	0.00025
-154.86	-170.41	0.00025	-153.44	-171.83	0.00025
-152.03	-173.24	0.00025	-150.61	-174.66	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 44
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00025	-144.96	-180.31	0.00025
-141.42	-183.85	0.00025	-134.35	-190.92	0.00025
-127.28	-197.99	0.00025	-120.21	-205.06	0.00025
-113.14	-212.13	0.00025	-106.07	-219.20	0.00025
-98.99	-226.27	0.00025	-91.92	-233.35	0.00025
-226.27	-84.85	0.00019	-219.20	-91.92	0.00020
-212.13	-99.00	0.00020	-205.06	-106.07	0.00021
-197.99	-113.14	0.00022	-190.92	-120.21	0.00023
-183.85	-127.28	0.00023	-176.78	-134.35	0.00024
-173.24	-137.89	0.00025	-169.71	-141.42	0.00025
-167.58	-143.54	0.00025	-166.17	-144.96	0.00025
-164.76	-146.37	0.00025	-163.34	-147.79	0.00026
-161.93	-149.20	0.00026	-149.20	-161.93	0.00026
-147.79	-163.34	0.00026	-146.37	-164.76	0.00027

-144.96	-166.17	0.00027	-143.54	-167.58	0.00027
-141.42	-169.71	0.00027	-137.89	-173.24	0.00027
-134.35	-176.78	0.00027	-127.28	-183.85	0.00027
-120.21	-190.92	0.00027	-113.14	-197.99	0.00027
-106.07	-205.06	0.00027	-98.99	-212.13	0.00027
-91.92	-219.20	0.00026	-84.85	-226.27	0.00026
-219.20	-77.78	0.00020	-212.13	-84.85	0.00021
-205.06	-91.92	0.00022	-197.99	-99.00	0.00022
-190.92	-106.07	0.00023	-183.85	-113.14	0.00024
-176.78	-120.21	0.00025	-169.71	-127.28	0.00026
-166.17	-130.81	0.00026	-162.63	-134.35	0.00027
-160.51	-136.47	0.00027	-159.10	-137.89	0.00027
-157.68	-139.30	0.00027	-156.27	-140.71	0.00027
-154.86	-142.13	0.00027	-142.13	-154.86	0.00028
-140.71	-156.27	0.00028	-139.30	-157.68	0.00028
-137.89	-159.10	0.00028	-136.47	-160.51	0.00028
-134.35	-162.63	0.00028	-130.81	-166.17	0.00028
-127.28	-169.71	0.00028	-120.21	-176.78	0.00029
-113.14	-183.85	0.00029	-106.07	-190.92	0.00029
-98.99	-197.99	0.00028	-91.92	-205.06	0.00028
-84.85	-212.13	0.00028	-77.78	-219.20	0.00027
-212.13	-70.71	0.00021	-205.06	-77.78	0.00022
-197.99	-84.85	0.00023	-190.92	-91.92	0.00024
-183.85	-98.99	0.00024	-176.78	-106.07	0.00025
-169.71	-113.14	0.00026	-162.63	-120.21	0.00027
-159.10	-123.74	0.00028	-155.56	-127.28	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 45
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00028	-152.03	-130.81	0.00029
-150.61	-132.23	0.00029	-149.20	-133.64	0.00029
-147.79	-135.06	0.00029	-135.06	-147.79	0.00030
-133.64	-149.20	0.00030	-132.23	-150.61	0.00030
-130.81	-152.03	0.00030	-129.40	-153.44	0.00030
-127.28	-155.56	0.00030	-123.74	-159.10	0.00030
-120.21	-162.63	0.00030	-113.14	-169.71	0.00030
-106.07	-176.78	0.00030	-98.99	-183.85	0.00030

-91.92	-190.92	0.00030	-84.85	-197.99	0.00030
-77.78	-205.06	0.00029	-70.71	-212.13	0.00029
-205.06	-63.64	0.00022	-197.99	-70.71	0.00023
-190.92	-77.78	0.00024	-183.85	-84.85	0.00025
-176.78	-91.92	0.00026	-169.71	-98.99	0.00027
-162.63	-106.07	0.00028	-155.56	-113.14	0.00029
-152.03	-116.67	0.00029	-148.49	-120.21	0.00030
-146.37	-122.33	0.00030	-144.96	-123.74	0.00030
-143.54	-125.16	0.00031	-142.13	-126.57	0.00031
-140.71	-127.99	0.00031	-127.99	-140.71	0.00032
-126.57	-142.13	0.00032	-125.16	-143.54	0.00032
-123.74	-144.96	0.00032	-122.33	-146.37	0.00032
-120.21	-148.49	0.00032	-116.67	-152.03	0.00032
-113.14	-155.56	0.00032	-106.07	-162.63	0.00032
-98.99	-169.71	0.00032	-91.92	-176.78	0.00032
-84.85	-183.85	0.00032	-77.78	-190.92	0.00032
-70.71	-197.99	0.00031	-63.64	-205.06	0.00031
-197.99	-56.57	0.00023	-190.92	-63.64	0.00024
-183.85	-70.71	0.00025	-176.78	-77.78	0.00026
-169.71	-84.85	0.00027	-162.63	-91.92	0.00028
-155.56	-98.99	0.00030	-148.49	-106.07	0.00031
-144.96	-109.60	0.00031	-141.42	-113.14	0.00032
-139.30	-115.26	0.00032	-137.89	-116.67	0.00032
-136.47	-118.09	0.00033	-135.06	-119.50	0.00033
-133.64	-120.92	0.00033	-120.92	-133.64	0.00034
-119.50	-135.06	0.00034	-118.09	-136.47	0.00034
-116.67	-137.89	0.00034	-115.26	-139.30	0.00034
-113.14	-141.42	0.00034	-109.60	-144.96	0.00034
-106.07	-148.49	0.00035	-98.99	-155.56	0.00035
-91.92	-162.63	0.00035	-84.85	-169.71	0.00035
-77.78	-176.78	0.00034	-70.71	-183.85	0.00034
-63.64	-190.92	0.00033	-56.57	-197.99	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 46
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00024	-183.85	-56.57	0.00025
-176.78	-63.64	0.00027	-169.71	-70.71	0.00028

-162.63	-77.78	0.00029	-155.56	-84.85	0.00030
-148.49	-91.92	0.00032	-141.42	-98.99	0.00033
-137.89	-102.53	0.00034	-134.35	-106.07	0.00034
-132.23	-108.19	0.00034	-130.81	-109.60	0.00035
-129.40	-111.02	0.00035	-127.99	-112.43	0.00035
-126.57	-113.84	0.00035	-113.84	-126.57	0.00037
-112.43	-127.99	0.00037	-111.02	-129.40	0.00037
-109.60	-130.81	0.00037	-108.19	-132.23	0.00037
-106.07	-134.35	0.00037	-102.53	-137.89	0.00037
-98.99	-141.42	0.00037	-91.92	-148.49	0.00037
-84.85	-155.56	0.00037	-77.78	-162.63	0.00037
-70.71	-169.71	0.00037	-63.64	-176.78	0.00036
-56.57	-183.85	0.00035	-49.50	-190.92	0.00034
-183.85	-42.43	0.00025	-176.78	-49.50	0.00026
-169.71	-56.57	0.00028	-162.63	-63.64	0.00030
-155.56	-70.71	0.00031	-148.49	-77.78	0.00032
-141.42	-84.85	0.00034	-134.35	-91.92	0.00035
-130.81	-95.46	0.00036	-127.28	-98.99	0.00037
-125.16	-101.12	0.00037	-123.74	-102.53	0.00037
-122.33	-103.94	0.00037	-120.92	-105.36	0.00038
-119.50	-106.77	0.00038	-106.77	-119.50	0.00039
-105.36	-120.92	0.00039	-103.94	-122.33	0.00039
-102.53	-123.74	0.00040	-101.12	-125.16	0.00040
-98.99	-127.28	0.00040	-95.46	-130.81	0.00040
-91.92	-134.35	0.00040	-84.85	-141.42	0.00040
-77.78	-148.49	0.00040	-70.71	-155.56	0.00040
-63.64	-162.63	0.00039	-56.57	-169.71	0.00038
-49.50	-176.78	0.00037	-42.43	-183.85	0.00036
-176.78	-35.36	0.00026	-169.71	-42.43	0.00028
-162.63	-49.50	0.00030	-155.56	-56.57	0.00031
-148.49	-63.64	0.00033	-141.42	-70.71	0.00034
-134.35	-77.78	0.00036	-127.28	-84.85	0.00038
-123.74	-88.39	0.00038	-120.21	-91.92	0.00039
-118.09	-94.05	0.00040	-116.67	-95.46	0.00040
-115.26	-96.87	0.00040	-113.84	-98.29	0.00041
-112.43	-99.70	0.00041	-99.70	-112.43	0.00042
-98.29	-113.84	0.00042	-96.87	-115.26	0.00043
-95.46	-116.67	0.00043	-94.05	-118.09	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 47
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00043	-88.39	-123.74	0.00043
-84.85	-127.28	0.00043	-77.78	-134.35	0.00043
-70.71	-141.42	0.00043	-63.64	-148.49	0.00043
-56.57	-155.56	0.00042	-49.50	-162.63	0.00041
-42.43	-169.71	0.00040	-35.36	-176.78	0.00038
-169.71	-28.28	0.00027	-162.63	-35.36	0.00029
-155.56	-42.43	0.00031	-148.49	-49.50	0.00033
-141.42	-56.57	0.00035	-134.35	-63.64	0.00037
-127.28	-70.71	0.00039	-120.21	-77.78	0.00040
-116.67	-81.32	0.00041	-113.14	-84.85	0.00042
-111.02	-86.97	0.00043	-109.60	-88.39	0.00043
-108.19	-89.80	0.00044	-106.77	-91.22	0.00044
-105.36	-92.63	0.00044	-92.63	-105.36	0.00046
-91.22	-106.77	0.00046	-89.80	-108.19	0.00046
-88.39	-109.60	0.00046	-86.97	-111.02	0.00046
-84.85	-113.14	0.00046	-81.32	-116.67	0.00046
-77.78	-120.21	0.00046	-70.71	-127.28	0.00047
-63.64	-134.35	0.00046	-56.57	-141.42	0.00046
-49.50	-148.49	0.00045	-42.43	-155.56	0.00044
-35.36	-162.63	0.00043	-28.28	-169.71	0.00041
-162.63	-21.21	0.00028	-155.56	-28.28	0.00031
-148.49	-35.36	0.00033	-141.42	-42.43	0.00035
-134.35	-49.50	0.00038	-127.28	-56.57	0.00040
-120.21	-63.64	0.00042	-113.14	-70.71	0.00044
-109.60	-74.25	0.00045	-106.07	-77.78	0.00046
-103.94	-79.90	0.00046	-102.53	-81.32	0.00047
-101.12	-82.73	0.00047	-99.70	-84.15	0.00047
-98.29	-85.56	0.00048	-85.56	-98.29	0.00050
-84.15	-99.70	0.00050	-82.73	-101.12	0.00050
-81.32	-102.53	0.00050	-79.90	-103.94	0.00050
-77.78	-106.07	0.00050	-74.25	-109.60	0.00050
-70.71	-113.14	0.00050	-63.64	-120.21	0.00051
-56.57	-127.28	0.00050	-49.50	-134.35	0.00050
-42.43	-141.42	0.00049	-35.36	-148.49	0.00047
-28.28	-155.56	0.00045	-21.21	-162.63	0.00043
-155.56	-14.14	0.00029	-148.49	-21.21	0.00032
-141.42	-28.28	0.00035	-134.35	-35.36	0.00038
-127.28	-42.43	0.00040	-120.21	-49.50	0.00043
-113.14	-56.57	0.00045	-106.07	-63.64	0.00047
-102.53	-67.18	0.00048	-98.99	-70.71	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 48
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00050	-95.46	-74.25	0.00051
-94.05	-75.66	0.00051	-92.63	-77.07	0.00052
-91.22	-78.49	0.00052	-78.49	-91.22	0.00054
-77.07	-92.63	0.00054	-75.66	-94.05	0.00055
-74.25	-95.46	0.00055	-72.83	-96.87	0.00055
-70.71	-98.99	0.00055	-67.18	-102.53	0.00055
-63.64	-106.07	0.00055	-56.57	-113.14	0.00055
-49.50	-120.21	0.00055	-42.43	-127.28	0.00054
-35.36	-134.35	0.00052	-28.28	-141.42	0.00051
-21.21	-148.49	0.00048	-14.14	-155.56	0.00046
-148.49	-7.07	0.00031	-141.42	-14.14	0.00034
-134.35	-21.21	0.00037	-127.28	-28.28	0.00040
-120.21	-35.36	0.00043	-113.14	-42.43	0.00046
-106.07	-49.50	0.00048	-98.99	-56.57	0.00051
-95.46	-60.10	0.00053	-91.92	-63.64	0.00054
-89.80	-65.76	0.00055	-88.39	-67.18	0.00055
-86.97	-68.59	0.00056	-85.56	-70.00	0.00056
-84.15	-71.42	0.00057	-71.42	-84.15	0.00059
-70.00	-85.56	0.00060	-68.59	-86.97	0.00060
-67.18	-88.39	0.00060	-65.76	-89.80	0.00060
-63.64	-91.92	0.00060	-60.10	-95.46	0.00060
-56.57	-98.99	0.00060	-49.50	-106.07	0.00060
-42.43	-113.14	0.00060	-35.36	-120.21	0.00058
-28.28	-127.28	0.00057	-21.21	-134.35	0.00054
-14.14	-141.42	0.00052	-7.07	-148.49	0.00048
-141.42	0.00	0.00032	-134.35	-7.07	0.00035
-127.28	-14.14	0.00039	-120.21	-21.21	0.00043
-113.14	-28.28	0.00046	-106.07	-35.36	0.00050
-98.99	-42.43	0.00053	-91.92	-49.50	0.00056
-88.39	-53.03	0.00057	-84.85	-56.57	0.00059
-82.73	-58.69	0.00060	-81.32	-60.10	0.00061
-79.90	-61.52	0.00061	-78.49	-62.93	0.00062
-77.07	-64.35	0.00062	-64.35	-77.07	0.00065
-62.93	-78.49	0.00065	-61.52	-79.90	0.00066

-60.10	-81.32	0.00066	-58.69	-82.73	0.00066
-56.57	-84.85	0.00066	-53.03	-88.39	0.00066
-49.50	-91.92	0.00066	-42.43	-98.99	0.00066
-35.36	-106.07	0.00065	-28.28	-113.14	0.00064
-21.21	-120.21	0.00061	-14.14	-127.28	0.00058
-7.07	-134.35	0.00055	0.00	-141.42	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 49
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00034	-127.28	0.00	0.00037
-120.21	-7.07	0.00041	-113.14	-14.14	0.00045
-106.07	-21.21	0.00050	-98.99	-28.28	0.00054
-91.92	-35.36	0.00057	-84.85	-42.43	0.00061
-81.32	-45.96	0.00063	-77.78	-49.50	0.00065
-75.66	-51.62	0.00066	-74.25	-53.03	0.00067
-72.83	-54.45	0.00067	-71.42	-55.86	0.00068
-70.00	-57.28	0.00069	-57.28	-70.00	0.00072
-55.86	-71.42	0.00072	-54.45	-72.83	0.00073
-53.03	-74.25	0.00073	-51.62	-75.66	0.00073
-49.50	-77.78	0.00073	-45.96	-81.32	0.00073
-42.43	-84.85	0.00073	-35.36	-91.92	0.00073
-28.28	-98.99	0.00072	-21.21	-106.07	0.00070
-14.14	-113.14	0.00067	-7.07	-120.21	0.00063
0.00	-127.28	0.00058	7.07	-134.35	0.00053
-127.28	14.14	0.00035	-120.21	7.07	0.00039
-113.14	0.00	0.00043	-106.07	-7.07	0.00048
-98.99	-14.14	0.00053	-91.92	-21.21	0.00058
-84.85	-28.28	0.00063	-77.78	-35.36	0.00067
-74.25	-38.89	0.00069	-70.71	-42.43	0.00071
-68.59	-44.55	0.00073	-67.18	-45.96	0.00073
-65.76	-47.38	0.00074	-64.35	-48.79	0.00075
-62.93	-50.20	0.00076	-50.20	-62.93	0.00080
-48.79	-64.35	0.00080	-47.38	-65.76	0.00081
-45.96	-67.18	0.00081	-44.55	-68.59	0.00081
-42.43	-70.71	0.00081	-38.89	-74.25	0.00081
-35.36	-77.78	0.00081	-28.28	-84.85	0.00081
-21.21	-91.92	0.00079	-14.14	-98.99	0.00076

-7.07	-106.07	0.00072	0.00	-113.14	0.00067
7.07	-120.21	0.00062	14.14	-127.28	0.00056
-120.21	21.21	0.00037	-113.14	14.14	0.00041
-106.07	7.07	0.00046	-98.99	0.00	0.00051
-91.92	-7.07	0.00057	-84.85	-14.14	0.00063
-77.78	-21.21	0.00069	-70.71	-28.28	0.00074
-67.18	-31.82	0.00076	-63.64	-35.36	0.00079
-61.52	-37.48	0.00081	-60.10	-38.89	0.00082
-58.69	-40.31	0.00083	-57.28	-41.72	0.00084
-55.86	-43.13	0.00085	-43.13	-55.86	0.00090
-41.72	-57.28	0.00090	-40.31	-58.69	0.00090
-38.89	-60.10	0.00090	-37.48	-61.52	0.00091

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 50
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00091	-31.82	-67.18	0.00091
-28.28	-70.71	0.00091	-21.21	-77.78	0.00090
-14.14	-84.85	0.00087	-7.07	-91.92	0.00083
0.00	-98.99	0.00078	7.07	-106.07	0.00072
14.14	-113.14	0.00065	21.21	-120.21	0.00058
-113.14	28.28	0.00038	-106.07	21.21	0.00043
-98.99	14.14	0.00048	-91.92	7.07	0.00054
-84.85	0.00	0.00061	-77.78	-7.07	0.00069
-70.71	-14.14	0.00075	-63.64	-21.21	0.00082
-60.10	-24.75	0.00085	-56.57	-28.28	0.00088
-54.45	-30.41	0.00090	-53.03	-31.82	0.00091
-51.62	-33.23	0.00092	-50.20	-34.65	0.00094
-48.79	-36.06	0.00095	-36.06	-48.79	0.00101
-34.65	-50.20	0.00101	-33.23	-51.62	0.00102
-31.82	-53.03	0.00102	-30.41	-54.45	0.00102
-28.28	-56.57	0.00102	-24.75	-60.10	0.00102
-21.21	-63.64	0.00102	-14.14	-70.71	0.00100
-7.07	-77.78	0.00097	0.00	-84.85	0.00091
7.07	-91.92	0.00084	14.14	-98.99	0.00076
21.21	-106.07	0.00068	28.28	-113.14	0.00061
-106.07	35.36	0.00040	-98.99	28.28	0.00045
-91.92	21.21	0.00051	-84.85	14.14	0.00058

-77.78	7.07	0.00066	-70.71	0.00	0.00074
-63.64	-7.07	0.00083	-56.57	-14.14	0.00091
-53.03	-17.68	0.00095	-49.50	-21.21	0.00098
-47.38	-23.33	0.00101	-45.96	-24.75	0.00102
-44.55	-26.16	0.00104	-43.13	-27.58	0.00105
-41.72	-28.99	0.00107	-28.99	-41.72	0.00115
-27.58	-43.13	0.00115	-26.16	-44.55	0.00115
-24.75	-45.96	0.00115	-23.33	-47.38	0.00116
-21.21	-49.50	0.00116	-17.68	-53.03	0.00116
-14.14	-56.57	0.00115	-7.07	-63.64	0.00113
0.00	-70.71	0.00107	7.07	-77.78	0.00100
14.14	-84.85	0.00090	21.21	-91.92	0.00081
28.28	-98.99	0.00071	35.36	-106.07	0.00063
-98.99	42.43	0.00041	-91.92	35.36	0.00047
-84.85	28.28	0.00053	-77.78	21.21	0.00061
-70.71	14.14	0.00070	-63.64	7.07	0.00081
-56.57	0.00	0.00091	-49.50	-7.07	0.00101
-45.96	-10.61	0.00106	-42.43	-14.14	0.00111

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 51
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00114	-38.89	-17.68	0.00116
-37.48	-19.09	0.00117	-36.06	-20.51	0.00119
-34.65	-21.92	0.00121	-21.92	-34.65	0.00131
-20.51	-36.06	0.00131	-19.09	-37.48	0.00132
-17.68	-38.89	0.00132	-16.26	-40.31	0.00132
-14.14	-42.43	0.00132	-10.61	-45.96	0.00132
-7.07	-49.50	0.00131	0.00	-56.57	0.00127
7.07	-63.64	0.00119	14.14	-70.71	0.00108
21.21	-77.78	0.00097	28.28	-84.85	0.00085
35.36	-91.92	0.00074	42.43	-98.99	0.00064
-91.92	49.50	0.00043	-84.85	42.43	0.00049
-77.78	35.36	0.00056	-70.71	28.28	0.00065
-63.64	21.21	0.00075	-56.57	14.14	0.00087
-49.50	7.07	0.00100	-42.43	0.00	0.00114
-38.89	-3.54	0.00120	-35.36	-7.07	0.00125
-33.23	-9.19	0.00129	-31.82	-10.61	0.00131

-30.41	-12.02	0.00134	-28.99	-13.44	0.00136
-27.58	-14.85	0.00139	-14.85	-27.58	0.00151
-13.44	-28.99	0.00152	-12.02	-30.41	0.00152
-10.61	-31.82	0.00152	-9.19	-33.23	0.00153
-7.07	-35.36	0.00153	-3.54	-38.89	0.00152
0.00	-42.43	0.00150	7.07	-49.50	0.00143
14.14	-56.57	0.00131	21.21	-63.64	0.00117
28.28	-70.71	0.00102	35.36	-77.78	0.00089
42.43	-84.85	0.00076	49.50	-91.92	0.00066
-84.85	56.57	0.00043	-77.78	49.50	0.00050
-70.71	42.43	0.00058	-63.64	35.36	0.00068
-56.57	28.28	0.00080	-49.50	21.21	0.00094
-42.43	14.14	0.00110	-35.36	7.07	0.00127
-31.82	3.54	0.00135	-28.28	0.00	0.00143
-26.16	-2.12	0.00147	-24.75	-3.54	0.00150
-23.33	-4.95	0.00154	-21.92	-6.36	0.00157
-20.51	-7.78	0.00160	-7.78	-20.51	0.00176
-6.36	-21.92	0.00177	-4.95	-23.33	0.00177
-3.54	-24.75	0.00178	-2.12	-26.16	0.00178
0.00	-28.28	0.00178	3.54	-31.82	0.00176
7.07	-35.36	0.00173	14.14	-42.43	0.00161
21.21	-49.50	0.00144	28.28	-56.57	0.00126
35.36	-63.64	0.00108	42.43	-70.71	0.00092
49.50	-77.78	0.00078	56.57	-84.85	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 52
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00044	-70.71	56.57	0.00051
-63.64	49.50	0.00060	-56.57	42.43	0.00071
-49.50	35.36	0.00085	-42.43	28.28	0.00101
-35.36	21.21	0.00120	-28.28	14.14	0.00142
-24.75	10.61	0.00153	-21.21	7.07	0.00163
-19.09	4.95	0.00169	-17.68	3.54	0.00173
-16.26	2.12	0.00177	-14.85	0.71	0.00181
-13.44	-0.71	0.00185	-0.71	-13.44	0.00207
0.71	-14.85	0.00208	2.12	-16.26	0.00209
3.54	-17.68	0.00209	4.95	-19.09	0.00209

7.07	-21.21	0.00208	10.61	-24.75	0.00205
14.14	-28.28	0.00199	21.21	-35.36	0.00180
28.28	-42.43	0.00157	35.36	-49.50	0.00133
42.43	-56.57	0.00112	49.50	-63.64	0.00094
56.57	-70.71	0.00079	63.64	-77.78	0.00067
-70.71	70.71	0.00044	-63.64	63.64	0.00052
-56.57	56.57	0.00062	-49.50	49.50	0.00074
-42.43	42.43	0.00089	-35.36	35.36	0.00107
-28.28	28.28	0.00130	-21.21	21.21	0.00157
-17.68	17.68	0.00172	-14.14	14.14	0.00186
-12.02	12.02	0.00195	-10.61	10.61	0.00200
-9.19	9.19	0.00205	-7.78	7.78	0.00211
-6.36	6.36	0.00216	6.36	-6.36	0.00247
7.78	-7.78	0.00248	9.19	-9.19	0.00248
10.61	-10.61	0.00248	12.02	-12.02	0.00248
14.14	-14.14	0.00246	17.68	-17.68	0.00239
21.21	-21.21	0.00229	28.28	-28.28	0.00199
35.36	-35.36	0.00168	42.43	-42.43	0.00140
49.50	-49.50	0.00115	56.57	-56.57	0.00096
63.64	-63.64	0.00080	70.71	-70.71	0.00067
-63.64	77.78	0.00044	-56.57	70.71	0.00052
-49.50	63.64	0.00062	-42.43	56.57	0.00075
-35.36	49.50	0.00091	-28.28	42.43	0.00113
-21.21	35.36	0.00140	-14.14	28.28	0.00172
-10.61	24.75	0.00191	-7.07	21.21	0.00211
-4.95	19.09	0.00223	-3.54	17.68	0.00231
-2.12	16.26	0.00238	-0.71	14.85	0.00246
0.71	13.44	0.00253	13.44	0.71	0.00297
14.85	-0.71	0.00298	16.26	-2.12	0.00298
17.68	-3.54	0.00297	19.09	-4.95	0.00295

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 53
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00290	24.75	-10.61	0.00276
28.28	-14.14	0.00258	35.36	-21.21	0.00216
42.43	-28.28	0.00177	49.50	-35.36	0.00144
56.57	-42.43	0.00117	63.64	-49.50	0.00096

70.71	-56.57	0.00079	77.78	-63.64	0.00066
-56.57	84.85	0.00044	-49.50	77.78	0.00052
-42.43	70.71	0.00063	-35.36	63.64	0.00076
-28.28	56.57	0.00093	-21.21	49.50	0.00116
-14.14	42.43	0.00147	-7.07	35.36	0.00186
-3.54	31.82	0.00210	0.00	28.28	0.00235
2.12	26.16	0.00252	3.54	24.75	0.00263
4.95	23.33	0.00274	6.36	21.92	0.00285
7.78	20.51	0.00296	20.51	7.78	0.00361
21.92	6.36	0.00361	23.33	4.95	0.00359
24.75	3.54	0.00355	26.16	2.12	0.00349
28.28	0.00	0.00337	31.82	-3.54	0.00312
35.36	-7.07	0.00283	42.43	-14.14	0.00229
49.50	-21.21	0.00183	56.57	-28.28	0.00146
63.64	-35.36	0.00117	70.71	-42.43	0.00094
77.78	-49.50	0.00077	84.85	-56.57	0.00064
-49.50	91.92	0.00045	-42.43	84.85	0.00053
-35.36	77.78	0.00063	-28.28	70.71	0.00077
-21.21	63.64	0.00094	-14.14	56.57	0.00118
-7.07	49.50	0.00150	0.00	42.43	0.00195
3.54	38.89	0.00223	7.07	35.36	0.00255
9.19	33.23	0.00277	10.61	31.82	0.00293
12.02	30.41	0.00309	13.44	28.99	0.00326
14.85	27.58	0.00343	27.58	14.85	0.00442
28.99	13.44	0.00436	30.41	12.02	0.00426
31.82	10.61	0.00414	33.23	9.19	0.00400
35.36	7.07	0.00377	38.89	3.54	0.00339
42.43	0.00	0.00301	49.50	-7.07	0.00235
56.57	-14.14	0.00183	63.64	-21.21	0.00144
70.71	-28.28	0.00114	77.78	-35.36	0.00092
84.85	-42.43	0.00075	91.92	-49.50	0.00062
-42.43	98.99	0.00046	-35.36	91.92	0.00054
-28.28	84.85	0.00065	-21.21	77.78	0.00079
-14.14	70.71	0.00097	-7.07	63.64	0.00121
0.00	56.57	0.00153	7.07	49.50	0.00199
10.61	45.96	0.00230	14.14	42.43	0.00266

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 54
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00292	17.68	38.89	0.00311
19.09	37.48	0.00333	20.51	36.06	0.00359
21.92	34.65	0.00389	34.65	21.92	0.00525
36.06	20.51	0.00501	37.48	19.09	0.00476
38.89	17.68	0.00453	40.31	16.26	0.00430
42.43	14.14	0.00398	45.96	10.61	0.00349
49.50	7.07	0.00306	56.57	0.00	0.00234
63.64	-7.07	0.00180	70.71	-14.14	0.00140
77.78	-21.21	0.00110	84.85	-28.28	0.00088
91.92	-35.36	0.00072	98.99	-42.43	0.00060
-35.36	106.07	0.00047	-28.28	98.99	0.00056
-21.21	91.92	0.00067	-14.14	84.85	0.00081
-7.07	77.78	0.00100	0.00	70.71	0.00125
7.07	63.64	0.00160	14.14	56.57	0.00209
17.68	53.03	0.00242	21.21	49.50	0.00283
23.33	47.38	0.00314	24.75	45.96	0.00338
26.16	44.55	0.00367	27.58	43.13	0.00405
28.99	41.72	0.00457	41.72	28.99	0.00553
43.13	27.58	0.00518	44.55	26.16	0.00488
45.96	24.75	0.00461	47.38	23.33	0.00436
49.50	21.21	0.00400	53.03	17.68	0.00348
56.57	14.14	0.00302	63.64	7.07	0.00227
70.71	0.00	0.00173	77.78	-7.07	0.00133
84.85	-14.14	0.00105	91.92	-21.21	0.00084
98.99	-28.28	0.00069	106.07	-35.36	0.00057
-28.28	113.14	0.00049	-21.21	106.07	0.00058
-14.14	98.99	0.00070	-7.07	91.92	0.00085
0.00	84.85	0.00106	7.07	77.78	0.00134
14.14	70.71	0.00175	21.21	63.64	0.00239
24.75	60.10	0.00289	28.28	56.57	0.00361
30.41	54.45	0.00418	31.82	53.03	0.00463
33.23	51.62	0.00514	34.65	50.20	0.00572
36.06	48.79	0.00639	48.79	36.06	0.00564
50.20	34.65	0.00522	51.62	33.23	0.00487
53.03	31.82	0.00457	54.45	30.41	0.00429
56.57	28.28	0.00391	60.10	24.75	0.00336
63.64	21.21	0.00288	70.71	14.14	0.00214
77.78	7.07	0.00161	84.85	0.00	0.00124
91.92	-7.07	0.00098	98.99	-14.14	0.00078
106.07	-21.21	0.00064	113.14	-28.28	0.00053

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00053	-14.14	113.14	0.00062
-7.07	106.07	0.00075	0.00	98.99	0.00092
7.07	91.92	0.00116	14.14	84.85	0.00152
21.21	77.78	0.00207	28.28	70.71	0.00302
31.82	67.18	0.00373	35.36	63.64	0.00463
37.48	61.52	0.00525	38.89	60.10	0.00570
40.31	58.69	0.00618	41.72	57.28	0.00670
43.13	55.86	0.00730	55.86	43.13	0.00570
57.28	41.72	0.00523	58.69	40.31	0.00484
60.10	38.89	0.00449	61.52	37.48	0.00418
63.64	35.36	0.00376	67.18	31.82	0.00317
70.71	28.28	0.00269	77.78	21.21	0.00196
84.85	14.14	0.00147	91.92	7.07	0.00113
98.99	0.00	0.00089	106.07	-7.07	0.00072
113.14	-14.14	0.00059	120.21	-21.21	0.00049
-14.14	127.28	0.00057	-7.07	120.21	0.00068
0.00	113.14	0.00083	7.07	106.07	0.00103
14.14	98.99	0.00133	21.21	91.92	0.00179
28.28	84.85	0.00251	35.36	77.78	0.00363
38.89	74.25	0.00436	42.43	70.71	0.00521
44.55	68.59	0.00579	45.96	67.18	0.00620
47.38	65.76	0.00665	48.79	64.35	0.00714
50.20	62.93	0.00768	62.93	50.20	0.00563
64.35	48.79	0.00512	65.76	47.38	0.00470
67.18	45.96	0.00432	68.59	44.55	0.00399
70.71	42.43	0.00355	74.25	38.89	0.00293
77.78	35.36	0.00245	84.85	28.28	0.00175
91.92	21.21	0.00131	98.99	14.14	0.00101
106.07	7.07	0.00080	113.14	0.00	0.00065
120.21	-7.07	0.00054	127.28	-14.14	0.00045
-7.07	134.35	0.00064	0.00	127.28	0.00076
7.07	120.21	0.00094	14.14	113.14	0.00119
21.21	106.07	0.00156	28.28	98.99	0.00210
35.36	91.92	0.00290	42.43	84.85	0.00400
45.96	81.32	0.00468	49.50	77.78	0.00547
51.62	75.66	0.00601	53.03	74.25	0.00639

54.45	72.83	0.00681	55.86	71.42	0.00726
57.28	70.00	0.00777	70.00	57.28	0.00540
71.42	55.86	0.00486	72.83	54.45	0.00442
74.25	53.03	0.00403	75.66	51.62	0.00369

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 56
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00324	81.32	45.96	0.00262
84.85	42.43	0.00216	91.92	35.36	0.00153
98.99	28.28	0.00115	106.07	21.21	0.00089
113.14	14.14	0.00071	120.21	7.07	0.00058
127.28	0.00	0.00048	134.35	-7.07	0.00041
0.00	141.42	0.00071	7.07	134.35	0.00087
14.14	127.28	0.00108	21.21	120.21	0.00138
28.28	113.14	0.00180	35.36	106.07	0.00238
42.43	98.99	0.00316	49.50	91.92	0.00420
53.03	88.39	0.00482	56.57	84.85	0.00554
58.69	82.73	0.00602	60.10	81.32	0.00638
61.52	79.90	0.00676	62.93	78.49	0.00717
64.35	77.07	0.00765	77.07	64.35	0.00500
78.49	62.93	0.00444	79.90	61.52	0.00398
81.32	60.10	0.00359	82.73	58.69	0.00325
84.85	56.57	0.00281	88.39	53.03	0.00225
91.92	49.50	0.00184	98.99	42.43	0.00131
106.07	35.36	0.00099	113.14	28.28	0.00078
120.21	21.21	0.00063	127.28	14.14	0.00052
134.35	7.07	0.00043	141.42	0.00	0.00037
7.07	148.49	0.00080	14.14	141.42	0.00098
21.21	134.35	0.00123	28.28	127.28	0.00157
35.36	120.21	0.00201	42.43	113.14	0.00260
49.50	106.07	0.00334	56.57	98.99	0.00428
60.10	95.46	0.00484	63.64	91.92	0.00549
65.76	89.80	0.00592	67.18	88.39	0.00623
68.59	86.97	0.00656	70.00	85.56	0.00692
71.42	84.15	0.00735	84.15	71.42	0.00439
85.56	70.00	0.00383	86.97	68.59	0.00338
88.39	67.18	0.00301	89.80	65.76	0.00270

91.92	63.64	0.00232	95.46	60.10	0.00186
98.99	56.57	0.00154	106.07	49.50	0.00111
113.14	42.43	0.00085	120.21	35.36	0.00068
127.28	28.28	0.00055	134.35	21.21	0.00046
141.42	14.14	0.00039	148.49	7.07	0.00034
14.14	155.56	0.00089	21.21	148.49	0.00110
28.28	141.42	0.00137	35.36	134.35	0.00172
42.43	127.28	0.00218	49.50	120.21	0.00275
56.57	113.14	0.00346	63.64	106.07	0.00432
67.18	102.53	0.00483	70.71	98.99	0.00540

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 57
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00576	74.25	95.46	0.00601
75.66	94.05	0.00628	77.07	92.63	0.00658
78.49	91.22	0.00693	91.22	78.49	0.00356
92.63	77.07	0.00305	94.05	75.66	0.00267
95.46	74.25	0.00237	96.87	72.83	0.00214
98.99	70.71	0.00186	102.53	67.18	0.00151
106.07	63.64	0.00127	113.14	56.57	0.00095
120.21	49.50	0.00074	127.28	42.43	0.00060
134.35	35.36	0.00049	141.42	28.28	0.00041
148.49	21.21	0.00035	155.56	14.14	0.00030
21.21	162.63	0.00097	28.28	155.56	0.00119
35.36	148.49	0.00148	42.43	141.42	0.00183
49.50	134.35	0.00228	56.57	127.28	0.00283
63.64	120.21	0.00351	70.71	113.14	0.00434
74.25	109.60	0.00482	77.78	106.07	0.00532
79.90	103.94	0.00563	81.32	102.53	0.00583
82.73	101.12	0.00604	84.15	99.70	0.00625
85.56	98.29	0.00649	98.29	85.56	0.00266
99.70	84.15	0.00233	101.12	82.73	0.00208
102.53	81.32	0.00189	103.94	79.90	0.00173
106.07	77.78	0.00154	109.60	74.25	0.00129
113.14	70.71	0.00110	120.21	63.64	0.00083
127.28	56.57	0.00066	134.35	49.50	0.00053
141.42	42.43	0.00044	148.49	35.36	0.00037

155.56	28.28	0.00031	162.63	21.21	0.00027
28.28	169.71	0.00105	35.36	162.63	0.00127
42.43	155.56	0.00156	49.50	148.49	0.00190
56.57	141.42	0.00233	63.64	134.35	0.00285
70.71	127.28	0.00348	77.78	120.21	0.00425
81.32	116.67	0.00468	84.85	113.14	0.00511
86.97	111.02	0.00537	88.39	109.60	0.00552
89.80	108.19	0.00564	91.22	106.77	0.00573
92.63	105.36	0.00573	105.36	92.63	0.00224
106.77	91.22	0.00202	108.19	89.80	0.00182
109.60	88.39	0.00166	111.02	86.97	0.00153
113.14	84.85	0.00136	116.67	81.32	0.00114
120.21	77.78	0.00097	127.28	70.71	0.00074
134.35	63.64	0.00058	141.42	56.57	0.00047
148.49	49.50	0.00039	155.56	42.43	0.00033
162.63	35.36	0.00028	169.71	28.28	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 58
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00111	42.43	169.71	0.00133
49.50	162.63	0.00160	56.57	155.56	0.00192
63.64	148.49	0.00231	70.71	141.42	0.00278
77.78	134.35	0.00333	84.85	127.28	0.00390
88.39	123.74	0.00414	91.92	120.21	0.00425
94.05	118.09	0.00422	95.46	116.67	0.00415
96.87	115.26	0.00405	98.29	113.84	0.00392
99.70	112.43	0.00376	112.43	99.70	0.00192
113.84	98.29	0.00177	115.26	96.87	0.00163
116.67	95.46	0.00150	118.09	94.05	0.00139
120.21	91.92	0.00124	123.74	88.39	0.00104
127.28	84.85	0.00089	134.35	77.78	0.00068
141.42	70.71	0.00054	148.49	63.64	0.00043
155.56	56.57	0.00036	162.63	49.50	0.00030
169.71	42.43	0.00026	176.78	35.36	0.00022
42.43	183.85	0.00114	49.50	176.78	0.00135
56.57	169.71	0.00160	63.64	162.63	0.00189
70.71	155.56	0.00223	77.78	148.49	0.00260

84.85	141.42	0.00296	91.92	134.35	0.00318
95.46	130.81	0.00317	98.99	127.28	0.00308
101.12	125.16	0.00299	102.53	123.74	0.00292
103.94	122.33	0.00283	105.36	120.92	0.00274
106.77	119.50	0.00264	119.50	106.77	0.00159
120.92	105.36	0.00149	122.33	103.94	0.00139
123.74	102.53	0.00130	125.16	101.12	0.00122
127.28	98.99	0.00111	130.81	95.46	0.00095
134.35	91.92	0.00082	141.42	84.85	0.00063
148.49	77.78	0.00050	155.56	70.71	0.00040
162.63	63.64	0.00033	169.71	56.57	0.00028
176.78	49.50	0.00024	183.85	42.43	0.00021
49.50	190.92	0.00115	56.57	183.85	0.00135
63.64	176.78	0.00156	70.71	169.71	0.00180
77.78	162.63	0.00205	84.85	155.56	0.00229
91.92	148.49	0.00244	98.99	141.42	0.00244
102.53	137.89	0.00238	106.07	134.35	0.00229
108.19	132.23	0.00222	109.60	130.81	0.00217
111.02	129.40	0.00211	112.43	127.99	0.00205
113.84	126.57	0.00198	126.57	113.84	0.00132
127.99	112.43	0.00124	129.40	111.02	0.00117
130.81	109.60	0.00111	132.23	108.19	0.00105

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 59
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00097	137.89	102.53	0.00085
141.42	98.99	0.00074	148.49	91.92	0.00059
155.56	84.85	0.00047	162.63	77.78	0.00038
169.71	70.71	0.00031	176.78	63.64	0.00026
183.85	56.57	0.00023	190.92	49.50	0.00020
56.57	197.99	0.00114	63.64	190.92	0.00131
70.71	183.85	0.00148	77.78	176.78	0.00165
84.85	169.71	0.00181	91.92	162.63	0.00192
98.99	155.56	0.00195	106.07	148.49	0.00190
109.60	144.96	0.00185	113.14	141.42	0.00178
115.26	139.30	0.00172	116.67	137.89	0.00168
118.09	136.47	0.00164	119.50	135.06	0.00159

120.92	133.64	0.00154	133.64	120.92	0.00110
135.06	119.50	0.00105	136.47	118.09	0.00100
137.89	116.67	0.00095	139.30	115.26	0.00090
141.42	113.14	0.00084	144.96	109.60	0.00075
148.49	106.07	0.00067	155.56	98.99	0.00054
162.63	91.92	0.00044	169.71	84.85	0.00036
176.78	77.78	0.00030	183.85	70.71	0.00025
190.92	63.64	0.00022	197.99	56.57	0.00019
63.64	205.06	0.00110	70.71	197.99	0.00123
77.78	190.92	0.00136	84.85	183.85	0.00147
91.92	176.78	0.00155	98.99	169.71	0.00159
106.07	162.63	0.00157	113.14	155.56	0.00152
116.67	152.03	0.00147	120.21	148.49	0.00142
122.33	146.37	0.00137	123.74	144.96	0.00134
125.16	143.54	0.00131	126.57	142.13	0.00127
127.99	140.71	0.00124	140.71	127.99	0.00093
142.13	126.57	0.00089	143.54	125.16	0.00085
144.96	123.74	0.00082	146.37	122.33	0.00078
148.49	120.21	0.00073	152.03	116.67	0.00066
155.56	113.14	0.00059	162.63	106.07	0.00049
169.71	98.99	0.00040	176.78	91.92	0.00034
183.85	84.85	0.00028	190.92	77.78	0.00024
197.99	70.71	0.00021	205.06	63.64	0.00018
70.71	212.13	0.00104	77.78	205.06	0.00113
84.85	197.99	0.00121	91.92	190.92	0.00128
98.99	183.85	0.00131	106.07	176.78	0.00131
113.14	169.71	0.00129	120.21	162.63	0.00124
123.74	159.10	0.00120	127.28	155.56	0.00115

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 60
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00112	130.81	152.03	0.00110
132.23	150.61	0.00107	133.64	149.20	0.00104
135.06	147.79	0.00102	147.79	135.06	0.00079
149.20	133.64	0.00076	150.61	132.23	0.00073
152.03	130.81	0.00071	153.44	129.40	0.00068
155.56	127.28	0.00064	159.10	123.74	0.00058

162.63	120.21	0.00053	169.71	113.14	0.00044
176.78	106.07	0.00037	183.85	98.99	0.00032
190.92	91.92	0.00027	197.99	84.85	0.00023
205.06	77.78	0.00020	212.13	70.71	0.00017
77.78	219.20	0.00096	84.85	212.13	0.00102
91.92	205.06	0.00107	98.99	197.99	0.00110
106.07	190.92	0.00111	113.14	183.85	0.00110
120.21	176.78	0.00108	127.28	169.71	0.00103
130.81	166.17	0.00100	134.35	162.63	0.00096
136.47	160.51	0.00093	137.89	159.10	0.00091
139.30	157.68	0.00089	140.71	156.27	0.00087
142.13	154.86	0.00085	154.86	142.13	0.00068
156.27	140.71	0.00066	157.68	139.30	0.00064
159.10	137.89	0.00062	160.51	136.47	0.00060
162.63	134.35	0.00056	166.17	130.81	0.00051
169.71	127.28	0.00047	176.78	120.21	0.00040
183.85	113.14	0.00034	190.92	106.07	0.00029
197.99	98.99	0.00025	205.06	91.92	0.00022
212.13	84.85	0.00019	219.20	77.78	0.00017
84.85	226.27	0.00087	91.92	219.20	0.00091
98.99	212.13	0.00093	106.07	205.06	0.00095
113.14	197.99	0.00094	120.21	190.92	0.00093
127.28	183.85	0.00091	134.35	176.78	0.00087
137.89	173.24	0.00084	141.42	169.71	0.00081
143.54	167.58	0.00078	144.96	166.17	0.00077
146.37	164.76	0.00075	147.79	163.34	0.00074
149.20	161.93	0.00072	161.93	149.20	0.00059
163.34	147.79	0.00057	164.76	146.37	0.00056
166.17	144.96	0.00054	167.58	143.54	0.00052
169.71	141.42	0.00050	173.24	137.89	0.00046
176.78	134.35	0.00042	183.85	127.28	0.00036
190.92	120.21	0.00031	197.99	113.14	0.00027
205.06	106.07	0.00024	212.13	98.99	0.00021
219.20	91.92	0.00018	226.27	84.85	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 61
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - - - - - - -

91.92	233.35	0.00078	98.99	226.27	0.00080
106.07	219.20	0.00081	113.14	212.13	0.00082
120.21	205.06	0.00081	127.28	197.99	0.00080
134.35	190.92	0.00078	141.42	183.85	0.00074
144.96	180.31	0.00072	148.49	176.78	0.00069
150.61	174.66	0.00067	152.03	173.24	0.00066
153.44	171.83	0.00065	154.86	170.41	0.00063
156.27	169.00	0.00062	169.00	156.27	0.00051
170.41	154.86	0.00050	171.83	153.44	0.00049
173.24	152.03	0.00048	174.66	150.61	0.00046
176.78	148.49	0.00045	180.31	144.96	0.00041
183.85	141.42	0.00038	190.92	134.35	0.00033
197.99	127.28	0.00029	205.06	120.21	0.00025
212.13	113.14	0.00022	219.20	106.07	0.00019
226.27	98.99	0.00017	233.35	91.92	0.00015
98.99	240.42	0.00070	106.07	233.35	0.00071
113.14	226.27	0.00071	120.21	219.20	0.00071
127.28	212.13	0.00071	134.35	205.06	0.00070
141.42	197.99	0.00067	148.49	190.92	0.00064
152.03	187.38	0.00062	155.56	183.85	0.00059
157.68	181.73	0.00058	159.10	180.31	0.00057
160.51	178.90	0.00056	161.93	177.48	0.00055
163.34	176.07	0.00054	176.07	163.34	0.00045
177.48	161.93	0.00044	178.90	160.51	0.00043
180.31	159.10	0.00042	181.73	157.68	0.00041
183.85	155.56	0.00040	187.38	152.03	0.00037
190.92	148.49	0.00035	197.99	141.42	0.00030
205.06	134.35	0.00026	212.13	127.28	0.00024
219.20	120.21	0.00021	226.27	113.14	0.00018
233.35	106.07	0.00016	240.42	98.99	0.00014
106.07	247.49	0.00062	113.14	240.42	0.00063
120.21	233.35	0.00063	127.28	226.27	0.00063
134.35	219.20	0.00062	141.42	212.13	0.00061
148.49	205.06	0.00059	155.56	197.99	0.00056
159.10	194.45	0.00054	162.63	190.92	0.00052
164.76	188.80	0.00051	166.17	187.38	0.00050
167.58	185.97	0.00049	169.00	184.55	0.00048
170.41	183.14	0.00047	183.14	170.41	0.00040
184.55	169.00	0.00040	185.97	167.58	0.00039
187.38	166.17	0.00038	188.80	164.76	0.00037

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00036	194.45	159.10	0.00034
197.99	155.56	0.00031	205.06	148.49	0.00027
212.13	141.42	0.00024	219.20	134.35	0.00022
226.27	127.28	0.00020	233.35	120.21	0.00017
240.42	113.14	0.00016	247.49	106.07	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 63
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00025	-240.42	-113.14	0.00026
-233.35	-120.21	0.00028	-226.27	-127.28	0.00030
-219.20	-134.35	0.00031	-212.13	-141.42	0.00032
-205.06	-148.49	0.00034	-197.99	-155.56	0.00035
-194.45	-159.10	0.00036	-190.92	-162.63	0.00037
-188.80	-164.76	0.00037	-187.38	-166.17	0.00037
-185.97	-167.58	0.00037	-184.55	-169.00	0.00038
-183.14	-170.41	0.00038	-170.41	-183.14	0.00039
-169.00	-184.55	0.00039	-167.58	-185.97	0.00039
-166.17	-187.38	0.00040	-164.76	-188.80	0.00040
-162.63	-190.92	0.00040	-159.10	-194.45	0.00040
-155.56	-197.99	0.00040	-148.49	-205.06	0.00040
-141.42	-212.13	0.00040	-134.35	-219.20	0.00040
-127.28	-226.27	0.00039	-120.21	-233.35	0.00038
-113.14	-240.42	0.00037	-106.07	-247.49	0.00036
-240.42	-98.99	0.00026	-233.35	-106.07	0.00028
-226.27	-113.14	0.00030	-219.20	-120.21	0.00031
-212.13	-127.28	0.00033	-205.06	-134.35	0.00034
-197.99	-141.42	0.00036	-190.92	-148.49	0.00038
-187.38	-152.03	0.00038	-183.85	-155.56	0.00039
-181.73	-157.68	0.00040	-180.31	-159.10	0.00040
-178.90	-160.51	0.00040	-177.48	-161.93	0.00041
-176.07	-163.34	0.00041	-163.34	-176.07	0.00042

-161.93	-177.48	0.00042	-160.51	-178.90	0.00043
-159.10	-180.31	0.00043	-157.68	-181.73	0.00043
-155.56	-183.85	0.00043	-152.03	-187.38	0.00043
-148.49	-190.92	0.00043	-141.42	-197.99	0.00043
-134.35	-205.06	0.00043	-127.28	-212.13	0.00043
-120.21	-219.20	0.00042	-113.14	-226.27	0.00041
-106.07	-233.35	0.00040	-98.99	-240.42	0.00038
-233.35	-91.92	0.00027	-226.27	-99.00	0.00029
-219.20	-106.07	0.00031	-212.13	-113.14	0.00033
-205.06	-120.21	0.00035	-197.99	-127.28	0.00037
-190.92	-134.35	0.00039	-183.85	-141.42	0.00040
-180.31	-144.96	0.00041	-176.78	-148.49	0.00042
-174.66	-150.61	0.00043	-173.24	-152.03	0.00043
-171.83	-153.44	0.00044	-170.41	-154.86	0.00044
-169.00	-156.27	0.00044	-156.27	-169.00	0.00046
-154.86	-170.41	0.00046	-153.44	-171.83	0.00046
-152.03	-173.24	0.00046	-150.61	-174.66	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 64
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00046	-144.96	-180.31	0.00046
-141.42	-183.85	0.00046	-134.35	-190.92	0.00047
-127.28	-197.99	0.00046	-120.21	-205.06	0.00046
-113.14	-212.13	0.00045	-106.07	-219.20	0.00044
-98.99	-226.27	0.00043	-91.92	-233.35	0.00041
-226.27	-84.85	0.00028	-219.20	-91.92	0.00031
-212.13	-99.00	0.00033	-205.06	-106.07	0.00035
-197.99	-113.14	0.00038	-190.92	-120.21	0.00040
-183.85	-127.28	0.00042	-176.78	-134.35	0.00044
-173.24	-137.89	0.00045	-169.71	-141.42	0.00046
-167.58	-143.54	0.00046	-166.17	-144.96	0.00047
-164.76	-146.37	0.00047	-163.34	-147.79	0.00047
-161.93	-149.20	0.00048	-149.20	-161.93	0.00050
-147.79	-163.34	0.00050	-146.37	-164.76	0.00050
-144.96	-166.17	0.00050	-143.54	-167.58	0.00050
-141.42	-169.71	0.00050	-137.89	-173.24	0.00050
-134.35	-176.78	0.00050	-127.28	-183.85	0.00051

-120.21	-190.92	0.00050	-113.14	-197.99	0.00050
-106.07	-205.06	0.00049	-98.99	-212.13	0.00047
-91.92	-219.20	0.00045	-84.85	-226.27	0.00043
-219.20	-77.78	0.00029	-212.13	-84.85	0.00032
-205.06	-91.92	0.00035	-197.99	-99.00	0.00038
-190.92	-106.07	0.00040	-183.85	-113.14	0.00043
-176.78	-120.21	0.00045	-169.71	-127.28	0.00047
-166.17	-130.81	0.00048	-162.63	-134.35	0.00050
-160.51	-136.47	0.00050	-159.10	-137.89	0.00051
-157.68	-139.30	0.00051	-156.27	-140.71	0.00052
-154.86	-142.13	0.00052	-142.13	-154.86	0.00054
-140.71	-156.27	0.00054	-139.30	-157.68	0.00055
-137.89	-159.10	0.00055	-136.47	-160.51	0.00055
-134.35	-162.63	0.00055	-130.81	-166.17	0.00055
-127.28	-169.71	0.00055	-120.21	-176.78	0.00055
-113.14	-183.85	0.00055	-106.07	-190.92	0.00054
-98.99	-197.99	0.00052	-91.92	-205.06	0.00051
-84.85	-212.13	0.00048	-77.78	-219.20	0.00046
-212.13	-70.71	0.00031	-205.06	-77.78	0.00034
-197.99	-84.85	0.00037	-190.92	-91.92	0.00040
-183.85	-98.99	0.00043	-176.78	-106.07	0.00046
-169.71	-113.14	0.00048	-162.63	-120.21	0.00051
-159.10	-123.74	0.00053	-155.56	-127.28	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 65
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00055	-152.03	-130.81	0.00055
-150.61	-132.23	0.00056	-149.20	-133.64	0.00056
-147.79	-135.06	0.00057	-135.06	-147.79	0.00059
-133.64	-149.20	0.00060	-132.23	-150.61	0.00060
-130.81	-152.03	0.00060	-129.40	-153.44	0.00060
-127.28	-155.56	0.00060	-123.74	-159.10	0.00060
-120.21	-162.63	0.00060	-113.14	-169.71	0.00060
-106.07	-176.78	0.00060	-98.99	-183.85	0.00058
-91.92	-190.92	0.00057	-84.85	-197.99	0.00054
-77.78	-205.06	0.00052	-70.71	-212.13	0.00048
-205.06	-63.64	0.00032	-197.99	-70.71	0.00035

-190.92	-77.78	0.00039	-183.85	-84.85	0.00043
-176.78	-91.92	0.00046	-169.71	-98.99	0.00050
-162.63	-106.07	0.00053	-155.56	-113.14	0.00056
-152.03	-116.67	0.00057	-148.49	-120.21	0.00059
-146.37	-122.33	0.00060	-144.96	-123.74	0.00061
-143.54	-125.16	0.00061	-142.13	-126.57	0.00062
-140.71	-127.99	0.00062	-127.99	-140.71	0.00065
-126.57	-142.13	0.00065	-125.16	-143.54	0.00066
-123.74	-144.96	0.00066	-122.33	-146.37	0.00066
-120.21	-148.49	0.00066	-116.67	-152.03	0.00066
-113.14	-155.56	0.00066	-106.07	-162.63	0.00066
-98.99	-169.71	0.00065	-91.92	-176.78	0.00064
-84.85	-183.85	0.00061	-77.78	-190.92	0.00058
-70.71	-197.99	0.00055	-63.64	-205.06	0.00051
-197.99	-56.57	0.00034	-190.92	-63.64	0.00037
-183.85	-70.71	0.00041	-176.78	-77.78	0.00045
-169.71	-84.85	0.00050	-162.63	-91.92	0.00054
-155.56	-98.99	0.00057	-148.49	-106.07	0.00061
-144.96	-109.60	0.00063	-141.42	-113.14	0.00065
-139.30	-115.26	0.00066	-137.89	-116.67	0.00067
-136.47	-118.09	0.00067	-135.06	-119.50	0.00068
-133.64	-120.92	0.00069	-120.92	-133.64	0.00072
-119.50	-135.06	0.00072	-118.09	-136.47	0.00073
-116.67	-137.89	0.00073	-115.26	-139.30	0.00073
-113.14	-141.42	0.00073	-109.60	-144.96	0.00073
-106.07	-148.49	0.00073	-98.99	-155.56	0.00073
-91.92	-162.63	0.00072	-84.85	-169.71	0.00070
-77.78	-176.78	0.00067	-70.71	-183.85	0.00063
-63.64	-190.92	0.00058	-56.57	-197.99	0.00053

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 66
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00035	-183.85	-56.57	0.00039
-176.78	-63.64	0.00043	-169.71	-70.71	0.00048
-162.63	-77.78	0.00053	-155.56	-84.85	0.00058
-148.49	-91.92	0.00063	-141.42	-98.99	0.00067
-137.89	-102.53	0.00069	-134.35	-106.07	0.00071

-132.23	-108.19	0.00073	-130.81	-109.60	0.00074
-129.40	-111.02	0.00074	-127.99	-112.43	0.00075
-126.57	-113.84	0.00076	-113.84	-126.57	0.00080
-112.43	-127.99	0.00080	-111.02	-129.40	0.00081
-109.60	-130.81	0.00081	-108.19	-132.23	0.00081
-106.07	-134.35	0.00081	-102.53	-137.89	0.00081
-98.99	-141.42	0.00081	-91.92	-148.49	0.00081
-84.85	-155.56	0.00079	-77.78	-162.63	0.00076
-70.71	-169.71	0.00072	-63.64	-176.78	0.00067
-56.57	-183.85	0.00062	-49.50	-190.92	0.00056
-183.85	-42.43	0.00037	-176.78	-49.50	0.00041
-169.71	-56.57	0.00046	-162.63	-63.64	0.00051
-155.56	-70.71	0.00057	-148.49	-77.78	0.00063
-141.42	-84.85	0.00069	-134.35	-91.92	0.00074
-130.81	-95.46	0.00076	-127.28	-98.99	0.00079
-125.16	-101.12	0.00081	-123.74	-102.53	0.00082
-122.33	-103.94	0.00083	-120.92	-105.36	0.00084
-119.50	-106.77	0.00085	-106.77	-119.50	0.00090
-105.36	-120.92	0.00090	-103.94	-122.33	0.00090
-102.53	-123.74	0.00090	-101.12	-125.16	0.00091
-98.99	-127.28	0.00091	-95.46	-130.81	0.00091
-91.92	-134.35	0.00091	-84.85	-141.42	0.00090
-77.78	-148.49	0.00087	-70.71	-155.56	0.00083
-63.64	-162.63	0.00078	-56.57	-169.71	0.00072
-49.50	-176.78	0.00065	-42.43	-183.85	0.00058
-176.78	-35.36	0.00038	-169.71	-42.43	0.00043
-162.63	-49.50	0.00048	-155.56	-56.57	0.00054
-148.49	-63.64	0.00061	-141.42	-70.71	0.00069
-134.35	-77.78	0.00075	-127.28	-84.85	0.00082
-123.74	-88.39	0.00085	-120.21	-91.92	0.00088
-118.09	-94.05	0.00090	-116.67	-95.46	0.00091
-115.26	-96.87	0.00092	-113.84	-98.29	0.00094
-112.43	-99.70	0.00095	-99.70	-112.43	0.00101
-98.29	-113.84	0.00101	-96.87	-115.26	0.00102
-95.46	-116.67	0.00102	-94.05	-118.09	0.00102

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 67
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00102	-88.39	-123.74	0.00102
-84.85	-127.28	0.00102	-77.78	-134.35	0.00100
-70.71	-141.42	0.00097	-63.64	-148.49	0.00091
-56.57	-155.56	0.00084	-49.50	-162.63	0.00076
-42.43	-169.71	0.00068	-35.36	-176.78	0.00061
-169.71	-28.28	0.00040	-162.63	-35.36	0.00045
-155.56	-42.43	0.00051	-148.49	-49.50	0.00058
-141.42	-56.57	0.00066	-134.35	-63.64	0.00074
-127.28	-70.71	0.00083	-120.21	-77.78	0.00091
-116.67	-81.32	0.00095	-113.14	-84.85	0.00098
-111.02	-86.97	0.00101	-109.60	-88.39	0.00102
-108.19	-89.80	0.00104	-106.77	-91.22	0.00105
-105.36	-92.63	0.00107	-92.63	-105.36	0.00115
-91.22	-106.77	0.00115	-89.80	-108.19	0.00115
-88.39	-109.60	0.00115	-86.97	-111.02	0.00116
-84.85	-113.14	0.00116	-81.32	-116.67	0.00116
-77.78	-120.21	0.00115	-70.71	-127.28	0.00113
-63.64	-134.35	0.00107	-56.57	-141.42	0.00100
-49.50	-148.49	0.00090	-42.43	-155.56	0.00081
-35.36	-162.63	0.00071	-28.28	-169.71	0.00063
-162.63	-21.21	0.00041	-155.56	-28.28	0.00047
-148.49	-35.36	0.00053	-141.42	-42.43	0.00061
-134.35	-49.50	0.00070	-127.28	-56.57	0.00081
-120.21	-63.64	0.00091	-113.14	-70.71	0.00101
-109.60	-74.25	0.00106	-106.07	-77.78	0.00111
-103.94	-79.90	0.00114	-102.53	-81.32	0.00116
-101.12	-82.73	0.00117	-99.70	-84.15	0.00119
-98.29	-85.56	0.00121	-85.56	-98.29	0.00131
-84.15	-99.70	0.00131	-82.73	-101.12	0.00132
-81.32	-102.53	0.00132	-79.90	-103.94	0.00132
-77.78	-106.07	0.00132	-74.25	-109.60	0.00132
-70.71	-113.14	0.00131	-63.64	-120.21	0.00127
-56.57	-127.28	0.00119	-49.50	-134.35	0.00108
-42.43	-141.42	0.00097	-35.36	-148.49	0.00085
-28.28	-155.56	0.00074	-21.21	-162.63	0.00064
-155.56	-14.14	0.00043	-148.49	-21.21	0.00049
-141.42	-28.28	0.00056	-134.35	-35.36	0.00065
-127.28	-42.43	0.00075	-120.21	-49.50	0.00087
-113.14	-56.57	0.00100	-106.07	-63.64	0.00114
-102.53	-67.18	0.00120	-98.99	-70.71	0.00125

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00129	-95.46	-74.25	0.00131
-94.05	-75.66	0.00134	-92.63	-77.07	0.00136
-91.22	-78.49	0.00139	-78.49	-91.22	0.00151
-77.07	-92.63	0.00152	-75.66	-94.05	0.00152
-74.25	-95.46	0.00152	-72.83	-96.87	0.00153
-70.71	-98.99	0.00153	-67.18	-102.53	0.00152
-63.64	-106.07	0.00150	-56.57	-113.14	0.00143
-49.50	-120.21	0.00131	-42.43	-127.28	0.00117
-35.36	-134.35	0.00102	-28.28	-141.42	0.00089
-21.21	-148.49	0.00076	-14.14	-155.56	0.00066
-148.49	-7.07	0.00043	-141.42	-14.14	0.00050
-134.35	-21.21	0.00058	-127.28	-28.28	0.00068
-120.21	-35.36	0.00080	-113.14	-42.43	0.00094
-106.07	-49.50	0.00110	-98.99	-56.57	0.00127
-95.46	-60.10	0.00135	-91.92	-63.64	0.00143
-89.80	-65.76	0.00147	-88.39	-67.18	0.00150
-86.97	-68.59	0.00154	-85.56	-70.00	0.00157
-84.15	-71.42	0.00160	-71.42	-84.15	0.00176
-70.00	-85.56	0.00177	-68.59	-86.97	0.00177
-67.18	-88.39	0.00178	-65.76	-89.80	0.00178
-63.64	-91.92	0.00178	-60.10	-95.46	0.00176
-56.57	-98.99	0.00173	-49.50	-106.07	0.00161
-42.43	-113.14	0.00144	-35.36	-120.21	0.00126
-28.28	-127.28	0.00108	-21.21	-134.35	0.00092
-14.14	-141.42	0.00078	-7.07	-148.49	0.00067
-141.42	0.00	0.00044	-134.35	-7.07	0.00051
-127.28	-14.14	0.00060	-120.21	-21.21	0.00071
-113.14	-28.28	0.00085	-106.07	-35.36	0.00101
-98.99	-42.43	0.00120	-91.92	-49.50	0.00142
-88.39	-53.03	0.00153	-84.85	-56.57	0.00163
-82.73	-58.69	0.00169	-81.32	-60.10	0.00173
-79.90	-61.52	0.00177	-78.49	-62.93	0.00181
-77.07	-64.35	0.00185	-64.35	-77.07	0.00207
-62.93	-78.49	0.00208	-61.52	-79.90	0.00209
-60.10	-81.32	0.00209	-58.69	-82.73	0.00209
-56.57	-84.85	0.00208	-53.03	-88.39	0.00205
-49.50	-91.92	0.00199	-42.43	-98.99	0.00180

-35.36	-106.07	0.00157	-28.28	-113.14	0.00133
-21.21	-120.21	0.00112	-14.14	-127.28	0.00094
-7.07	-134.35	0.00079	0.00	-141.42	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 69
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00044	-127.28	0.00	0.00052
-120.21	-7.07	0.00062	-113.14	-14.14	0.00074
-106.07	-21.21	0.00089	-98.99	-28.28	0.00108
-91.92	-35.36	0.00130	-84.85	-42.43	0.00157
-81.32	-45.96	0.00172	-77.78	-49.50	0.00186
-75.66	-51.62	0.00195	-74.25	-53.03	0.00200
-72.83	-54.45	0.00205	-71.42	-55.86	0.00211
-70.00	-57.28	0.00216	-57.28	-70.00	0.00247
-55.86	-71.42	0.00248	-54.45	-72.83	0.00248
-53.03	-74.25	0.00248	-51.62	-75.66	0.00248
-49.50	-77.78	0.00246	-45.96	-81.32	0.00239
-42.43	-84.85	0.00229	-35.36	-91.92	0.00199
-28.28	-98.99	0.00168	-21.21	-106.07	0.00140
-14.14	-113.14	0.00115	-7.07	-120.21	0.00096
0.00	-127.28	0.00080	7.07	-134.35	0.00067
-127.28	14.14	0.00044	-120.21	7.07	0.00052
-113.14	0.00	0.00062	-106.07	-7.07	0.00075
-98.99	-14.14	0.00091	-91.92	-21.21	0.00113
-84.85	-28.28	0.00140	-77.78	-35.36	0.00172
-74.25	-38.89	0.00191	-70.71	-42.43	0.00211
-68.59	-44.55	0.00223	-67.18	-45.96	0.00231
-65.76	-47.38	0.00238	-64.35	-48.79	0.00246
-62.93	-50.20	0.00253	-50.20	-62.93	0.00297
-48.79	-64.35	0.00298	-47.38	-65.76	0.00298
-45.96	-67.18	0.00297	-44.55	-68.59	0.00295
-42.43	-70.71	0.00290	-38.89	-74.25	0.00276
-35.36	-77.78	0.00258	-28.28	-84.85	0.00216
-21.21	-91.92	0.00177	-14.14	-98.99	0.00144
-7.07	-106.07	0.00117	0.00	-113.14	0.00096
7.07	-120.21	0.00079	14.14	-127.28	0.00066
-120.21	21.21	0.00044	-113.14	14.14	0.00052

-106.07	7.07	0.00063	-98.99	0.00	0.00076
-91.92	-7.07	0.00093	-84.85	-14.14	0.00116
-77.78	-21.21	0.00147	-70.71	-28.28	0.00186
-67.18	-31.82	0.00210	-63.64	-35.36	0.00235
-61.52	-37.48	0.00252	-60.10	-38.89	0.00263
-58.69	-40.31	0.00274	-57.28	-41.72	0.00285
-55.86	-43.13	0.00296	-43.13	-55.86	0.00361
-41.72	-57.28	0.00361	-40.31	-58.69	0.00359
-38.89	-60.10	0.00355	-37.48	-61.52	0.00349

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 70
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00337	-31.82	-67.18	0.00312
-28.28	-70.71	0.00283	-21.21	-77.78	0.00229
-14.14	-84.85	0.00183	-7.07	-91.92	0.00146
0.00	-98.99	0.00117	7.07	-106.07	0.00094
14.14	-113.14	0.00077	21.21	-120.21	0.00064
-113.14	28.28	0.00045	-106.07	21.21	0.00053
-98.99	14.14	0.00063	-91.92	7.07	0.00077
-84.85	0.00	0.00094	-77.78	-7.07	0.00118
-70.71	-14.14	0.00150	-63.64	-21.21	0.00195
-60.10	-24.75	0.00223	-56.57	-28.28	0.00255
-54.45	-30.41	0.00277	-53.03	-31.82	0.00293
-51.62	-33.23	0.00309	-50.20	-34.65	0.00326
-48.79	-36.06	0.00343	-36.06	-48.79	0.00442
-34.65	-50.20	0.00436	-33.23	-51.62	0.00426
-31.82	-53.03	0.00414	-30.41	-54.45	0.00400
-28.28	-56.57	0.00377	-24.75	-60.10	0.00339
-21.21	-63.64	0.00301	-14.14	-70.71	0.00235
-7.07	-77.78	0.00183	0.00	-84.85	0.00144
7.07	-91.92	0.00114	14.14	-98.99	0.00092
21.21	-106.07	0.00075	28.28	-113.14	0.00062
-106.07	35.36	0.00046	-98.99	28.28	0.00054
-91.92	21.21	0.00065	-84.85	14.14	0.00079
-77.78	7.07	0.00097	-70.71	0.00	0.00121
-63.64	-7.07	0.00153	-56.57	-14.14	0.00199
-53.03	-17.68	0.00230	-49.50	-21.21	0.00266

-47.38	-23.33	0.00292	-45.96	-24.75	0.00311
-44.55	-26.16	0.00333	-43.13	-27.58	0.00359
-41.72	-28.99	0.00389	-28.99	-41.72	0.00525
-27.58	-43.13	0.00501	-26.16	-44.55	0.00476
-24.75	-45.96	0.00453	-23.33	-47.38	0.00430
-21.21	-49.50	0.00398	-17.68	-53.03	0.00349
-14.14	-56.57	0.00306	-7.07	-63.64	0.00234
0.00	-70.71	0.00180	7.07	-77.78	0.00140
14.14	-84.85	0.00110	21.21	-91.92	0.00088
28.28	-98.99	0.00072	35.36	-106.07	0.00060
-98.99	42.43	0.00047	-91.92	35.36	0.00056
-84.85	28.28	0.00067	-77.78	21.21	0.00081
-70.71	14.14	0.00100	-63.64	7.07	0.00125
-56.57	0.00	0.00160	-49.50	-7.07	0.00209
-45.96	-10.61	0.00242	-42.43	-14.14	0.00283

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 71
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00314	-38.89	-17.68	0.00338
-37.48	-19.09	0.00367	-36.06	-20.51	0.00405
-34.65	-21.92	0.00457	-21.92	-34.65	0.00553
-20.51	-36.06	0.00518	-19.09	-37.48	0.00488
-17.68	-38.89	0.00461	-16.26	-40.31	0.00436
-14.14	-42.43	0.00400	-10.61	-45.96	0.00348
-7.07	-49.50	0.00302	0.00	-56.57	0.00227
7.07	-63.64	0.00173	14.14	-70.71	0.00133
21.21	-77.78	0.00105	28.28	-84.85	0.00084
35.36	-91.92	0.00069	42.43	-98.99	0.00057
-91.92	49.50	0.00049	-84.85	42.43	0.00058
-77.78	35.36	0.00070	-70.71	28.28	0.00085
-63.64	21.21	0.00106	-56.57	14.14	0.00134
-49.50	7.07	0.00175	-42.43	0.00	0.00239
-38.89	-3.54	0.00289	-35.36	-7.07	0.00361
-33.23	-9.19	0.00418	-31.82	-10.61	0.00463
-30.41	-12.02	0.00514	-28.99	-13.44	0.00572
-27.58	-14.85	0.00639	-14.85	-27.58	0.00564
-13.44	-28.99	0.00522	-12.02	-30.41	0.00487

-10.61	-31.82	0.00457	-9.19	-33.23	0.00429
-7.07	-35.36	0.00391	-3.54	-38.89	0.00336
0.00	-42.43	0.00288	7.07	-49.50	0.00214
14.14	-56.57	0.00161	21.21	-63.64	0.00124
28.28	-70.71	0.00098	35.36	-77.78	0.00078
42.43	-84.85	0.00064	49.50	-91.92	0.00053
-84.85	56.57	0.00053	-77.78	49.50	0.00062
-70.71	42.43	0.00075	-63.64	35.36	0.00092
-56.57	28.28	0.00116	-49.50	21.21	0.00152
-42.43	14.14	0.00207	-35.36	7.07	0.00302
-31.82	3.54	0.00373	-28.28	0.00	0.00463
-26.16	-2.12	0.00525	-24.75	-3.54	0.00570
-23.33	-4.95	0.00618	-21.92	-6.36	0.00670
-20.51	-7.78	0.00730	-7.78	-20.51	0.00570
-6.36	-21.92	0.00523	-4.95	-23.33	0.00484
-3.54	-24.75	0.00449	-2.12	-26.16	0.00418
0.00	-28.28	0.00376	3.54	-31.82	0.00317
7.07	-35.36	0.00269	14.14	-42.43	0.00196
21.21	-49.50	0.00147	28.28	-56.57	0.00113
35.36	-63.64	0.00089	42.43	-70.71	0.00072
49.50	-77.78	0.00059	56.57	-84.85	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 72
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00057	-70.71	56.57	0.00068
-63.64	49.50	0.00083	-56.57	42.43	0.00103
-49.50	35.36	0.00133	-42.43	28.28	0.00179
-35.36	21.21	0.00251	-28.28	14.14	0.00363
-24.75	10.61	0.00436	-21.21	7.07	0.00521
-19.09	4.95	0.00579	-17.68	3.54	0.00620
-16.26	2.12	0.00665	-14.85	0.71	0.00714
-13.44	-0.71	0.00768	-0.71	-13.44	0.00563
0.71	-14.85	0.00512	2.12	-16.26	0.00470
3.54	-17.68	0.00432	4.95	-19.09	0.00399
7.07	-21.21	0.00355	10.61	-24.75	0.00293
14.14	-28.28	0.00245	21.21	-35.36	0.00175
28.28	-42.43	0.00131	35.36	-49.50	0.00101

42.43	-56.57	0.00080	49.50	-63.64	0.00065
56.57	-70.71	0.00054	63.64	-77.78	0.00045
-70.71	70.71	0.00064	-63.64	63.64	0.00076
-56.57	56.57	0.00094	-49.50	49.50	0.00119
-42.43	42.43	0.00156	-35.36	35.36	0.00210
-28.28	28.28	0.00290	-21.21	21.21	0.00400
-17.68	17.68	0.00468	-14.14	14.14	0.00547
-12.02	12.02	0.00601	-10.61	10.61	0.00639
-9.19	9.19	0.00681	-7.78	7.78	0.00726
-6.36	6.36	0.00777	6.36	-6.36	0.00540
7.78	-7.78	0.00486	9.19	-9.19	0.00442
10.61	-10.61	0.00403	12.02	-12.02	0.00369
14.14	-14.14	0.00324	17.68	-17.68	0.00262
21.21	-21.21	0.00216	28.28	-28.28	0.00153
35.36	-35.36	0.00115	42.43	-42.43	0.00089
49.50	-49.50	0.00071	56.57	-56.57	0.00058
63.64	-63.64	0.00048	70.71	-70.71	0.00041
-63.64	77.78	0.00071	-56.57	70.71	0.00087
-49.50	63.64	0.00108	-42.43	56.57	0.00138
-35.36	49.50	0.00180	-28.28	42.43	0.00238
-21.21	35.36	0.00316	-14.14	28.28	0.00420
-10.61	24.75	0.00482	-7.07	21.21	0.00554
-4.95	19.09	0.00602	-3.54	17.68	0.00638
-2.12	16.26	0.00676	-0.71	14.85	0.00717
0.71	13.44	0.00765	13.44	0.71	0.00499
14.85	-0.71	0.00444	16.26	-2.12	0.00398
17.68	-3.54	0.00359	19.09	-4.95	0.00325

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 73
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00281	24.75	-10.61	0.00225
28.28	-14.14	0.00184	35.36	-21.21	0.00131
42.43	-28.28	0.00099	49.50	-35.36	0.00078
56.57	-42.43	0.00063	63.64	-49.50	0.00052
70.71	-56.57	0.00043	77.78	-63.64	0.00037
-56.57	84.85	0.00080	-49.50	77.78	0.00098
-42.43	70.71	0.00123	-35.36	63.64	0.00157

-28.28	56.57	0.00201	-21.21	49.50	0.00260
-14.14	42.43	0.00334	-7.07	35.36	0.00428
-3.54	31.82	0.00484	0.00	28.28	0.00549
2.12	26.16	0.00592	3.54	24.75	0.00623
4.95	23.33	0.00656	6.36	21.92	0.00692
7.78	20.51	0.00735	20.51	7.78	0.00439
21.92	6.36	0.00383	23.33	4.95	0.00338
24.75	3.54	0.00301	26.16	2.12	0.00270
28.28	0.00	0.00232	31.82	-3.54	0.00186
35.36	-7.07	0.00154	42.43	-14.14	0.00111
49.50	-21.21	0.00085	56.57	-28.28	0.00068
63.64	-35.36	0.00055	70.71	-42.43	0.00046
77.78	-49.50	0.00039	84.85	-56.57	0.00034
-49.50	91.92	0.00089	-42.43	84.85	0.00110
-35.36	77.78	0.00137	-28.28	70.71	0.00172
-21.21	63.64	0.00218	-14.14	56.57	0.00275
-7.07	49.50	0.00346	0.00	42.43	0.00432
3.54	38.89	0.00483	7.07	35.36	0.00540
9.19	33.23	0.00576	10.61	31.82	0.00601
12.02	30.41	0.00628	13.44	28.99	0.00658
14.85	27.58	0.00693	27.58	14.85	0.00356
28.99	13.44	0.00305	30.41	12.02	0.00267
31.82	10.61	0.00237	33.23	9.19	0.00214
35.36	7.07	0.00185	38.89	3.54	0.00151
42.43	0.00	0.00127	49.50	-7.07	0.00095
56.57	-14.14	0.00074	63.64	-21.21	0.00060
70.71	-28.28	0.00049	77.78	-35.36	0.00041
84.85	-42.43	0.00035	91.92	-49.50	0.00030
-42.43	98.99	0.00097	-35.36	91.92	0.00119
-28.28	84.85	0.00148	-21.21	77.78	0.00183
-14.14	70.71	0.00228	-7.07	63.64	0.00283
0.00	56.57	0.00351	7.07	49.50	0.00434
10.61	45.96	0.00482	14.14	42.43	0.00532

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 74
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00562	17.68	38.89	0.00583

19.09	37.48	0.00604	20.51	36.06	0.00625
21.92	34.65	0.00649	34.65	21.92	0.00266
36.06	20.51	0.00233	37.48	19.09	0.00208
38.89	17.68	0.00189	40.31	16.26	0.00173
42.43	14.14	0.00154	45.96	10.61	0.00129
49.50	7.07	0.00110	56.57	0.00	0.00083
63.64	-7.07	0.00066	70.71	-14.14	0.00053
77.78	-21.21	0.00044	84.85	-28.28	0.00037
91.92	-35.36	0.00031	98.99	-42.43	0.00027
-35.36	106.07	0.00105	-28.28	98.99	0.00127
-21.21	91.92	0.00156	-14.14	84.85	0.00190
-7.07	77.78	0.00233	0.00	70.71	0.00285
7.07	63.64	0.00348	14.14	56.57	0.00425
17.68	53.03	0.00468	21.21	49.50	0.00511
23.33	47.38	0.00537	24.75	45.96	0.00552
26.16	44.55	0.00564	27.58	43.13	0.00573
28.99	41.72	0.00573	41.72	28.99	0.00224
43.13	27.58	0.00202	44.55	26.16	0.00182
45.96	24.75	0.00166	47.38	23.33	0.00153
49.50	21.21	0.00136	53.03	17.68	0.00114
56.57	14.14	0.00097	63.64	7.07	0.00074
70.71	0.00	0.00058	77.78	-7.07	0.00047
84.85	-14.14	0.00039	91.92	-21.21	0.00033
98.99	-28.28	0.00028	106.07	-35.36	0.00025
-28.28	113.14	0.00111	-21.21	106.07	0.00133
-14.14	98.99	0.00160	-7.07	91.92	0.00192
0.00	84.85	0.00231	7.07	77.78	0.00278
14.14	70.71	0.00333	21.21	63.64	0.00390
24.75	60.10	0.00414	28.28	56.57	0.00425
30.41	54.45	0.00422	31.82	53.03	0.00415
33.23	51.62	0.00405	34.65	50.20	0.00392
36.06	48.79	0.00376	48.79	36.06	0.00192
50.20	34.65	0.00177	51.62	33.23	0.00163
53.03	31.82	0.00150	54.45	30.41	0.00139
56.57	28.28	0.00124	60.10	24.75	0.00104
63.64	21.21	0.00089	70.71	14.14	0.00068
77.78	7.07	0.00054	84.85	0.00	0.00043
91.92	-7.07	0.00036	98.99	-14.14	0.00030
106.07	-21.21	0.00026	113.14	-28.28	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 75
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00114	-14.14	113.14	0.00135
-7.07	106.07	0.00160	0.00	98.99	0.00189
7.07	91.92	0.00223	14.14	84.85	0.00260
21.21	77.78	0.00296	28.28	70.71	0.00318
31.82	67.18	0.00317	35.36	63.64	0.00308
37.48	61.52	0.00299	38.89	60.10	0.00292
40.31	58.69	0.00283	41.72	57.28	0.00274
43.13	55.86	0.00264	55.86	43.13	0.00159
57.28	41.72	0.00149	58.69	40.31	0.00139
60.10	38.89	0.00130	61.52	37.48	0.00122
63.64	35.36	0.00111	67.18	31.82	0.00095
70.71	28.28	0.00082	77.78	21.21	0.00063
84.85	14.14	0.00050	91.92	7.07	0.00040
98.99	0.00	0.00033	106.07	-7.07	0.00028
113.14	-14.14	0.00024	120.21	-21.21	0.00021
-14.14	127.28	0.00115	-7.07	120.21	0.00135
0.00	113.14	0.00156	7.07	106.07	0.00180
14.14	98.99	0.00205	21.21	91.92	0.00229
28.28	84.85	0.00244	35.36	77.78	0.00244
38.89	74.25	0.00238	42.43	70.71	0.00229
44.55	68.59	0.00222	45.96	67.18	0.00217
47.38	65.76	0.00211	48.79	64.35	0.00205
50.20	62.93	0.00198	62.93	50.20	0.00132
64.35	48.79	0.00124	65.76	47.38	0.00117
67.18	45.96	0.00111	68.59	44.55	0.00105
70.71	42.43	0.00097	74.25	38.89	0.00085
77.78	35.36	0.00074	84.85	28.28	0.00059
91.92	21.21	0.00047	98.99	14.14	0.00038
106.07	7.07	0.00031	113.14	0.00	0.00026
120.21	-7.07	0.00023	127.28	-14.14	0.00020
-7.07	134.35	0.00114	0.00	127.28	0.00131
7.07	120.21	0.00148	14.14	113.14	0.00165
21.21	106.07	0.00181	28.28	98.99	0.00192
35.36	91.92	0.00195	42.43	84.85	0.00190
45.96	81.32	0.00185	49.50	77.78	0.00178
51.62	75.66	0.00172	53.03	74.25	0.00168
54.45	72.83	0.00164	55.86	71.42	0.00159
57.28	70.00	0.00154	70.00	57.28	0.00110
71.42	55.86	0.00105	72.83	54.45	0.00100

74.25	53.03	0.00095	75.66	51.62	0.00090

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 76
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00084	81.32	45.96	0.00075
84.85	42.43	0.00067	91.92	35.36	0.00054
98.99	28.28	0.00044	106.07	21.21	0.00036
113.14	14.14	0.00030	120.21	7.07	0.00025
127.28	0.00	0.00022	134.35	-7.07	0.00019
0.00	141.42	0.00110	7.07	134.35	0.00123
14.14	127.28	0.00136	21.21	120.21	0.00147
28.28	113.14	0.00155	35.36	106.07	0.00159
42.43	98.99	0.00157	49.50	91.92	0.00152
53.03	88.39	0.00147	56.57	84.85	0.00142
58.69	82.73	0.00137	60.10	81.32	0.00134
61.52	79.90	0.00131	62.93	78.49	0.00127
64.35	77.07	0.00124	77.07	64.35	0.00093
78.49	62.93	0.00089	79.90	61.52	0.00085
81.32	60.10	0.00082	82.73	58.69	0.00078
84.85	56.57	0.00073	88.39	53.03	0.00066
91.92	49.50	0.00059	98.99	42.43	0.00049
106.07	35.36	0.00040	113.14	28.28	0.00034
120.21	21.21	0.00028	127.28	14.14	0.00024
134.35	7.07	0.00021	141.42	0.00	0.00018
7.07	148.49	0.00104	14.14	141.42	0.00113
21.21	134.35	0.00121	28.28	127.28	0.00128
35.36	120.21	0.00131	42.43	113.14	0.00131
49.50	106.07	0.00129	56.57	98.99	0.00124
60.10	95.46	0.00120	63.64	91.92	0.00115
65.76	89.80	0.00112	67.18	88.39	0.00110
68.59	86.97	0.00107	70.00	85.56	0.00104
71.42	84.15	0.00102	84.15	71.42	0.00079
85.56	70.00	0.00076	86.97	68.59	0.00073
88.39	67.18	0.00071	89.80	65.76	0.00068
91.92	63.64	0.00064	95.46	60.10	0.00058
98.99	56.57	0.00053	106.07	49.50	0.00044
113.14	42.43	0.00037	120.21	35.36	0.00032

127.28	28.28	0.00027	134.35	21.21	0.00023
141.42	14.14	0.00020	148.49	7.07	0.00017
14.14	155.56	0.00096	21.21	148.49	0.00102
28.28	141.42	0.00107	35.36	134.35	0.00110
42.43	127.28	0.00111	49.50	120.21	0.00110
56.57	113.14	0.00108	63.64	106.07	0.00103
67.18	102.53	0.00100	70.71	98.99	0.00096

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 77
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00093	74.25	95.46	0.00091
75.66	94.05	0.00089	77.07	92.63	0.00087
78.49	91.22	0.00085	91.22	78.49	0.00068
92.63	77.07	0.00066	94.05	75.66	0.00064
95.46	74.25	0.00062	96.87	72.83	0.00060
98.99	70.71	0.00056	102.53	67.18	0.00051
106.07	63.64	0.00047	113.14	56.57	0.00040
120.21	49.50	0.00034	127.28	42.43	0.00029
134.35	35.36	0.00025	141.42	28.28	0.00022
148.49	21.21	0.00019	155.56	14.14	0.00017
21.21	162.63	0.00087	28.28	155.56	0.00091
35.36	148.49	0.00093	42.43	141.42	0.00095
49.50	134.35	0.00094	56.57	127.28	0.00093
63.64	120.21	0.00091	70.71	113.14	0.00087
74.25	109.60	0.00084	77.78	106.07	0.00081
79.90	103.94	0.00078	81.32	102.53	0.00077
82.73	101.12	0.00075	84.15	99.70	0.00074
85.56	98.29	0.00072	98.29	85.56	0.00059
99.70	84.15	0.00057	101.12	82.73	0.00056
102.53	81.32	0.00054	103.94	79.90	0.00052
106.07	77.78	0.00050	109.60	74.25	0.00046
113.14	70.71	0.00042	120.21	63.64	0.00036
127.28	56.57	0.00031	134.35	49.50	0.00027
141.42	42.43	0.00024	148.49	35.36	0.00021
155.56	28.28	0.00018	162.63	21.21	0.00016
28.28	169.71	0.00078	35.36	162.63	0.00080
42.43	155.56	0.00081	49.50	148.49	0.00082

56.57	141.42	0.00081	63.64	134.35	0.00080
70.71	127.28	0.00078	77.78	120.21	0.00074
81.32	116.67	0.00072	84.85	113.14	0.00069
86.97	111.02	0.00067	88.39	109.60	0.00066
89.80	108.19	0.00065	91.22	106.77	0.00063
92.63	105.36	0.00062	105.36	92.63	0.00051
106.77	91.22	0.00050	108.19	89.80	0.00049
109.60	88.39	0.00048	111.02	86.97	0.00046
113.14	84.85	0.00045	116.67	81.32	0.00041
120.21	77.78	0.00038	127.28	70.71	0.00033
134.35	63.64	0.00029	141.42	56.57	0.00025
148.49	49.50	0.00022	155.56	42.43	0.00019
162.63	35.36	0.00017	169.71	28.28	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 78
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00070	42.43	169.71	0.00071
49.50	162.63	0.00071	56.57	155.56	0.00071
63.64	148.49	0.00071	70.71	141.42	0.00070
77.78	134.35	0.00067	84.85	127.28	0.00064
88.39	123.74	0.00062	91.92	120.21	0.00059
94.05	118.09	0.00058	95.46	116.67	0.00057
96.87	115.26	0.00056	98.29	113.84	0.00055
99.70	112.43	0.00054	112.43	99.70	0.00045
113.84	98.29	0.00044	115.26	96.87	0.00043
116.67	95.46	0.00042	118.09	94.05	0.00041
120.21	91.92	0.00040	123.74	88.39	0.00037
127.28	84.85	0.00035	134.35	77.78	0.00030
141.42	70.71	0.00026	148.49	63.64	0.00024
155.56	56.57	0.00021	162.63	49.50	0.00018
169.71	42.43	0.00016	176.78	35.36	0.00014
42.43	183.85	0.00062	49.50	176.78	0.00063
56.57	169.71	0.00063	63.64	162.63	0.00063
70.71	155.56	0.00062	77.78	148.49	0.00061
84.85	141.42	0.00059	91.92	134.35	0.00056
95.46	130.81	0.00054	98.99	127.28	0.00052
101.12	125.16	0.00051	102.53	123.74	0.00050

103.94	122.33	0.00049	105.36	120.92	0.00048
106.77	119.50	0.00047	119.50	106.77	0.00040
120.92	105.36	0.00040	122.33	103.94	0.00039
123.74	102.53	0.00038	125.16	101.12	0.00037
127.28	98.99	0.00036	130.81	95.46	0.00034
134.35	91.92	0.00031	141.42	84.85	0.00027
148.49	77.78	0.00024	155.56	70.71	0.00022
162.63	63.64	0.00020	169.71	56.57	0.00017
176.78	49.50	0.00016	183.85	42.43	0.00014
49.50	190.92	0.00056	56.57	183.85	0.00056
63.64	176.78	0.00056	70.71	169.71	0.00056
77.78	162.63	0.00055	84.85	155.56	0.00054
91.92	148.49	0.00052	98.99	141.42	0.00049
102.53	137.89	0.00047	106.07	134.35	0.00046
108.19	132.23	0.00045	109.60	130.81	0.00044
111.02	129.40	0.00043	112.43	127.99	0.00043
113.84	126.57	0.00042	126.57	113.84	0.00036
127.99	112.43	0.00035	129.40	111.02	0.00035
130.81	109.60	0.00034	132.23	108.19	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 79
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00032	137.89	102.53	0.00031
141.42	98.99	0.00029	148.49	91.92	0.00025
155.56	84.85	0.00022	162.63	77.78	0.00020
169.71	70.71	0.00018	176.78	63.64	0.00016
183.85	56.57	0.00015	190.92	49.50	0.00013
56.57	197.99	0.00050	63.64	190.92	0.00050
70.71	183.85	0.00050	77.78	176.78	0.00050
84.85	169.71	0.00049	91.92	162.63	0.00047
98.99	155.56	0.00046	106.07	148.49	0.00043
109.60	144.96	0.00042	113.14	141.42	0.00040
115.26	139.30	0.00040	116.67	137.89	0.00039
118.09	136.47	0.00038	119.50	135.06	0.00038
120.92	133.64	0.00037	133.64	120.92	0.00032
135.06	119.50	0.00032	136.47	118.09	0.00031
137.89	116.67	0.00031	139.30	115.26	0.00030

141.42	113.14	0.00029	144.96	109.60	0.00028
148.49	106.07	0.00026	155.56	98.99	0.00023
162.63	91.92	0.00021	169.71	84.85	0.00019
176.78	77.78	0.00017	183.85	70.71	0.00016
190.92	63.64	0.00014	197.99	56.57	0.00013
63.64	205.06	0.00045	70.71	197.99	0.00045
77.78	190.92	0.00045	84.85	183.85	0.00044
91.92	176.78	0.00044	98.99	169.71	0.00042
106.07	162.63	0.00041	113.14	155.56	0.00039
116.67	152.03	0.00037	120.21	148.49	0.00036
122.33	146.37	0.00035	123.74	144.96	0.00035
125.16	143.54	0.00034	126.57	142.13	0.00034
127.99	140.71	0.00033	140.71	127.99	0.00029
142.13	126.57	0.00029	143.54	125.16	0.00028
144.96	123.74	0.00028	146.37	122.33	0.00028
148.49	120.21	0.00027	152.03	116.67	0.00026
155.56	113.14	0.00024	162.63	106.07	0.00022
169.71	98.99	0.00019	176.78	91.92	0.00017
183.85	84.85	0.00016	190.92	77.78	0.00015
197.99	70.71	0.00013	205.06	63.64	0.00012
70.71	212.13	0.00041	77.78	205.06	0.00041
84.85	197.99	0.00041	91.92	190.92	0.00040
98.99	183.85	0.00039	106.07	176.78	0.00038
113.14	169.71	0.00036	120.21	162.63	0.00035
123.74	159.10	0.00034	127.28	155.56	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 80
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00032	130.81	152.03	0.00031
132.23	150.61	0.00031	133.64	149.20	0.00031
135.06	147.79	0.00030	147.79	135.06	0.00027
149.20	133.64	0.00026	150.61	132.23	0.00026
152.03	130.81	0.00026	153.44	129.40	0.00025
155.56	127.28	0.00025	159.10	123.74	0.00023
162.63	120.21	0.00022	169.71	113.14	0.00020
176.78	106.07	0.00018	183.85	98.99	0.00016
190.92	91.92	0.00015	197.99	84.85	0.00014

205.06	77.78	0.00013	212.13	70.71	0.00012
77.78	219.20	0.00037	84.85	212.13	0.00037
91.92	205.06	0.00037	98.99	197.99	0.00036
106.07	190.92	0.00035	113.14	183.85	0.00034
120.21	176.78	0.00033	127.28	169.71	0.00031
130.81	166.17	0.00030	134.35	162.63	0.00029
136.47	160.51	0.00029	137.89	159.10	0.00028
139.30	157.68	0.00028	140.71	156.27	0.00028
142.13	154.86	0.00027	154.86	142.13	0.00024
156.27	140.71	0.00024	157.68	139.30	0.00024
159.10	137.89	0.00023	160.51	136.47	0.00023
162.63	134.35	0.00023	166.17	130.81	0.00022
169.71	127.28	0.00021	176.78	120.21	0.00019
183.85	113.14	0.00017	190.92	106.07	0.00015
197.99	98.99	0.00014	205.06	91.92	0.00013
212.13	84.85	0.00012	219.20	77.78	0.00011
84.85	226.27	0.00034	91.92	219.20	0.00034
98.99	212.13	0.00033	106.07	205.06	0.00033
113.14	197.99	0.00032	120.21	190.92	0.00031
127.28	183.85	0.00030	134.35	176.78	0.00028
137.89	173.24	0.00028	141.42	169.71	0.00027
143.54	167.58	0.00026	144.96	166.17	0.00026
146.37	164.76	0.00026	147.79	163.34	0.00025
149.20	161.93	0.00025	161.93	149.20	0.00022
163.34	147.79	0.00022	164.76	146.37	0.00022
166.17	144.96	0.00022	167.58	143.54	0.00021
169.71	141.42	0.00021	173.24	137.89	0.00020
176.78	134.35	0.00019	183.85	127.28	0.00017
190.92	120.21	0.00016	197.99	113.14	0.00014
205.06	106.07	0.00013	212.13	98.99	0.00012
219.20	91.92	0.00011	226.27	84.85	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 81
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00031	98.99	226.27	0.00031
106.07	219.20	0.00031	113.14	212.13	0.00030
120.21	205.06	0.00029	127.28	197.99	0.00028

134.35	190.92	0.00027	141.42	183.85	0.00026
144.96	180.31	0.00025	148.49	176.78	0.00024
150.61	174.66	0.00024	152.03	173.24	0.00024
153.44	171.83	0.00023	154.86	170.41	0.00023
156.27	169.00	0.00023	169.00	156.27	0.00021
170.41	154.86	0.00020	171.83	153.44	0.00020
173.24	152.03	0.00020	174.66	150.61	0.00020
176.78	148.49	0.00019	180.31	144.96	0.00019
183.85	141.42	0.00018	190.92	134.35	0.00016
197.99	127.28	0.00015	205.06	120.21	0.00013
212.13	113.14	0.00012	219.20	106.07	0.00011
226.27	98.99	0.00011	233.35	91.92	0.00010
98.99	240.42	0.00029	106.07	233.35	0.00028
113.14	226.27	0.00028	120.21	219.20	0.00027
127.28	212.13	0.00027	134.35	205.06	0.00026
141.42	197.99	0.00025	148.49	190.92	0.00024
152.03	187.38	0.00023	155.56	183.85	0.00022
157.68	181.73	0.00022	159.10	180.31	0.00022
160.51	178.90	0.00022	161.93	177.48	0.00021
163.34	176.07	0.00021	176.07	163.34	0.00019
177.48	161.93	0.00019	178.90	160.51	0.00019
180.31	159.10	0.00018	181.73	157.68	0.00018
183.85	155.56	0.00018	187.38	152.03	0.00017
190.92	148.49	0.00017	197.99	141.42	0.00015
205.06	134.35	0.00014	212.13	127.28	0.00013
219.20	120.21	0.00012	226.27	113.14	0.00011
233.35	106.07	0.00010	240.42	98.99	0.00009
106.07	247.49	0.00026	113.14	240.42	0.00026
120.21	233.35	0.00026	127.28	226.27	0.00025
134.35	219.20	0.00025	141.42	212.13	0.00024
148.49	205.06	0.00023	155.56	197.99	0.00022
159.10	194.45	0.00021	162.63	190.92	0.00021
164.76	188.80	0.00020	166.17	187.38	0.00020
167.58	185.97	0.00020	169.00	184.55	0.00020
170.41	183.14	0.00019	183.14	170.41	0.00018
184.55	169.00	0.00017	185.97	167.58	0.00017
187.38	166.17	0.00017	188.80	164.76	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 82
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00017	194.45	159.10	0.00016
197.99	155.56	0.00016	205.06	148.49	0.00014
212.13	141.42	0.00013	219.20	134.35	0.00012
226.27	127.28	0.00011	233.35	120.21	0.00010
240.42	113.14	0.00010	247.49	106.07	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 83
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00037	-240.42	-113.14	0.00041
-233.35	-120.21	0.00046	-226.27	-127.28	0.00051
-219.20	-134.35	0.00057	-212.13	-141.42	0.00063
-205.06	-148.49	0.00069	-197.99	-155.56	0.00074
-194.45	-159.10	0.00076	-190.92	-162.63	0.00079
-188.80	-164.76	0.00081	-187.38	-166.17	0.00082
-185.97	-167.58	0.00083	-184.55	-169.00	0.00084
-183.14	-170.41	0.00085	-170.41	-183.14	0.00090
-169.00	-184.55	0.00090	-167.58	-185.97	0.00090
-166.17	-187.38	0.00090	-164.76	-188.80	0.00091
-162.63	-190.92	0.00091	-159.10	-194.45	0.00091
-155.56	-197.99	0.00091	-148.49	-205.06	0.00090
-141.42	-212.13	0.00087	-134.35	-219.20	0.00083
-127.28	-226.27	0.00078	-120.21	-233.35	0.00072
-113.14	-240.42	0.00065	-106.07	-247.49	0.00058
-240.42	-98.99	0.00038	-233.35	-106.07	0.00043
-226.27	-113.14	0.00048	-219.20	-120.21	0.00054
-212.13	-127.28	0.00061	-205.06	-134.35	0.00069
-197.99	-141.42	0.00075	-190.92	-148.49	0.00082
-187.38	-152.03	0.00085	-183.85	-155.56	0.00088
-181.73	-157.68	0.00090	-180.31	-159.10	0.00091
-178.90	-160.51	0.00092	-177.48	-161.93	0.00094
-176.07	-163.34	0.00095	-163.34	-176.07	0.00101
-161.93	-177.48	0.00101	-160.51	-178.90	0.00102
-159.10	-180.31	0.00102	-157.68	-181.73	0.00102
-155.56	-183.85	0.00102	-152.03	-187.38	0.00102

-148.49	-190.92	0.00102	-141.42	-197.99	0.00100
-134.35	-205.06	0.00097	-127.28	-212.13	0.00091
-120.21	-219.20	0.00084	-113.14	-226.27	0.00076
-106.07	-233.35	0.00068	-98.99	-240.42	0.00061
-233.35	-91.92	0.00040	-226.27	-99.00	0.00045
-219.20	-106.07	0.00051	-212.13	-113.14	0.00058
-205.06	-120.21	0.00066	-197.99	-127.28	0.00074
-190.92	-134.35	0.00083	-183.85	-141.42	0.00091
-180.31	-144.96	0.00095	-176.78	-148.49	0.00098
-174.66	-150.61	0.00101	-173.24	-152.03	0.00102
-171.83	-153.44	0.00104	-170.41	-154.86	0.00105
-169.00	-156.27	0.00107	-156.27	-169.00	0.00115
-154.86	-170.41	0.00115	-153.44	-171.83	0.00115
-152.03	-173.24	0.00115	-150.61	-174.66	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 84
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00116	-144.96	-180.31	0.00116
-141.42	-183.85	0.00115	-134.35	-190.92	0.00113
-127.28	-197.99	0.00107	-120.21	-205.06	0.00100
-113.14	-212.13	0.00090	-106.07	-219.20	0.00081
-98.99	-226.27	0.00071	-91.92	-233.35	0.00063
-226.27	-84.85	0.00041	-219.20	-91.92	0.00047
-212.13	-99.00	0.00053	-205.06	-106.07	0.00061
-197.99	-113.14	0.00070	-190.92	-120.21	0.00081
-183.85	-127.28	0.00091	-176.78	-134.35	0.00101
-173.24	-137.89	0.00106	-169.71	-141.42	0.00111
-167.58	-143.54	0.00114	-166.17	-144.96	0.00116
-164.76	-146.37	0.00117	-163.34	-147.79	0.00119
-161.93	-149.20	0.00121	-149.20	-161.93	0.00131
-147.79	-163.34	0.00131	-146.37	-164.76	0.00132
-144.96	-166.17	0.00132	-143.54	-167.58	0.00132
-141.42	-169.71	0.00132	-137.89	-173.24	0.00132
-134.35	-176.78	0.00131	-127.28	-183.85	0.00127
-120.21	-190.92	0.00119	-113.14	-197.99	0.00108
-106.07	-205.06	0.00097	-98.99	-212.13	0.00085
-91.92	-219.20	0.00074	-84.85	-226.27	0.00064

-219.20	-77.78	0.00043	-212.13	-84.85	0.00049
-205.06	-91.92	0.00056	-197.99	-99.00	0.00065
-190.92	-106.07	0.00075	-183.85	-113.14	0.00087
-176.78	-120.21	0.00100	-169.71	-127.28	0.00114
-166.17	-130.81	0.00120	-162.63	-134.35	0.00125
-160.51	-136.47	0.00129	-159.10	-137.89	0.00131
-157.68	-139.30	0.00134	-156.27	-140.71	0.00136
-154.86	-142.13	0.00139	-142.13	-154.86	0.00151
-140.71	-156.27	0.00152	-139.30	-157.68	0.00152
-137.89	-159.10	0.00152	-136.47	-160.51	0.00153
-134.35	-162.63	0.00153	-130.81	-166.17	0.00152
-127.28	-169.71	0.00150	-120.21	-176.78	0.00143
-113.14	-183.85	0.00131	-106.07	-190.92	0.00117
-98.99	-197.99	0.00102	-91.92	-205.06	0.00089
-84.85	-212.13	0.00076	-77.78	-219.20	0.00066
-212.13	-70.71	0.00043	-205.06	-77.78	0.00050
-197.99	-84.85	0.00058	-190.92	-91.92	0.00068
-183.85	-98.99	0.00080	-176.78	-106.07	0.00094
-169.71	-113.14	0.00110	-162.63	-120.21	0.00127
-159.10	-123.74	0.00135	-155.56	-127.28	0.00143

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 85
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00147	-152.03	-130.81	0.00150
-150.61	-132.23	0.00154	-149.20	-133.64	0.00157
-147.79	-135.06	0.00160	-135.06	-147.79	0.00176
-133.64	-149.20	0.00177	-132.23	-150.61	0.00177
-130.81	-152.03	0.00178	-129.40	-153.44	0.00178
-127.28	-155.56	0.00178	-123.74	-159.10	0.00176
-120.21	-162.63	0.00173	-113.14	-169.71	0.00161
-106.07	-176.78	0.00144	-98.99	-183.85	0.00126
-91.92	-190.92	0.00108	-84.85	-197.99	0.00092
-77.78	-205.06	0.00078	-70.71	-212.13	0.00067
-205.06	-63.64	0.00044	-197.99	-70.71	0.00051
-190.92	-77.78	0.00060	-183.85	-84.85	0.00071
-176.78	-91.92	0.00085	-169.71	-98.99	0.00101
-162.63	-106.07	0.00120	-155.56	-113.14	0.00142

-152.03	-116.67	0.00153	-148.49	-120.21	0.00163
-146.37	-122.33	0.00169	-144.96	-123.74	0.00173
-143.54	-125.16	0.00177	-142.13	-126.57	0.00181
-140.71	-127.99	0.00185	-127.99	-140.71	0.00207
-126.57	-142.13	0.00208	-125.16	-143.54	0.00209
-123.74	-144.96	0.00209	-122.33	-146.37	0.00209
-120.21	-148.49	0.00208	-116.67	-152.03	0.00205
-113.14	-155.56	0.00199	-106.07	-162.63	0.00180
-98.99	-169.71	0.00157	-91.92	-176.78	0.00133
-84.85	-183.85	0.00112	-77.78	-190.92	0.00094
-70.71	-197.99	0.00079	-63.64	-205.06	0.00067
-197.99	-56.57	0.00044	-190.92	-63.64	0.00052
-183.85	-70.71	0.00062	-176.78	-77.78	0.00074
-169.71	-84.85	0.00089	-162.63	-91.92	0.00108
-155.56	-98.99	0.00130	-148.49	-106.07	0.00157
-144.96	-109.60	0.00172	-141.42	-113.14	0.00186
-139.30	-115.26	0.00195	-137.89	-116.67	0.00200
-136.47	-118.09	0.00205	-135.06	-119.50	0.00211
-133.64	-120.92	0.00216	-120.92	-133.64	0.00247
-119.50	-135.06	0.00248	-118.09	-136.47	0.00248
-116.67	-137.89	0.00248	-115.26	-139.30	0.00248
-113.14	-141.42	0.00246	-109.60	-144.96	0.00239
-106.07	-148.49	0.00229	-98.99	-155.56	0.00199
-91.92	-162.63	0.00168	-84.85	-169.71	0.00140
-77.78	-176.78	0.00115	-70.71	-183.85	0.00096
-63.64	-190.92	0.00080	-56.57	-197.99	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 86
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00044	-183.85	-56.57	0.00052
-176.78	-63.64	0.00062	-169.71	-70.71	0.00075
-162.63	-77.78	0.00091	-155.56	-84.85	0.00113
-148.49	-91.92	0.00140	-141.42	-98.99	0.00172
-137.89	-102.53	0.00191	-134.35	-106.07	0.00211
-132.23	-108.19	0.00223	-130.81	-109.60	0.00231
-129.40	-111.02	0.00238	-127.99	-112.43	0.00246
-126.57	-113.84	0.00253	-113.84	-126.57	0.00297

-112.43	-127.99	0.00298	-111.02	-129.40	0.00298
-109.60	-130.81	0.00297	-108.19	-132.23	0.00295
-106.07	-134.35	0.00290	-102.53	-137.89	0.00276
-98.99	-141.42	0.00258	-91.92	-148.49	0.00216
-84.85	-155.56	0.00177	-77.78	-162.63	0.00144
-70.71	-169.71	0.00117	-63.64	-176.78	0.00096
-56.57	-183.85	0.00079	-49.50	-190.92	0.00066
-183.85	-42.43	0.00044	-176.78	-49.50	0.00052
-169.71	-56.57	0.00063	-162.63	-63.64	0.00076
-155.56	-70.71	0.00093	-148.49	-77.78	0.00116
-141.42	-84.85	0.00147	-134.35	-91.92	0.00186
-130.81	-95.46	0.00210	-127.28	-98.99	0.00235
-125.16	-101.12	0.00252	-123.74	-102.53	0.00263
-122.33	-103.94	0.00274	-120.92	-105.36	0.00285
-119.50	-106.77	0.00296	-106.77	-119.50	0.00361
-105.36	-120.92	0.00361	-103.94	-122.33	0.00359
-102.53	-123.74	0.00355	-101.12	-125.16	0.00349
-98.99	-127.28	0.00337	-95.46	-130.81	0.00312
-91.92	-134.35	0.00283	-84.85	-141.42	0.00229
-77.78	-148.49	0.00183	-70.71	-155.56	0.00146
-63.64	-162.63	0.00117	-56.57	-169.71	0.00094
-49.50	-176.78	0.00077	-42.43	-183.85	0.00064
-176.78	-35.36	0.00045	-169.71	-42.43	0.00053
-162.63	-49.50	0.00063	-155.56	-56.57	0.00077
-148.49	-63.64	0.00094	-141.42	-70.71	0.00118
-134.35	-77.78	0.00150	-127.28	-84.85	0.00195
-123.74	-88.39	0.00223	-120.21	-91.92	0.00255
-118.09	-94.05	0.00277	-116.67	-95.46	0.00293
-115.26	-96.87	0.00309	-113.84	-98.29	0.00326
-112.43	-99.70	0.00343	-99.70	-112.43	0.00442
-98.29	-113.84	0.00436	-96.87	-115.26	0.00426
-95.46	-116.67	0.00414	-94.05	-118.09	0.00400

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 87
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00377	-88.39	-123.74	0.00339
-84.85	-127.28	0.00301	-77.78	-134.35	0.00235

-70.71	-141.42	0.00183	-63.64	-148.49	0.00144
-56.57	-155.56	0.00114	-49.50	-162.63	0.00092
-42.43	-169.71	0.00075	-35.36	-176.78	0.00062
-169.71	-28.28	0.00046	-162.63	-35.36	0.00054
-155.56	-42.43	0.00065	-148.49	-49.50	0.00079
-141.42	-56.57	0.00097	-134.35	-63.64	0.00121
-127.28	-70.71	0.00153	-120.21	-77.78	0.00199
-116.67	-81.32	0.00230	-113.14	-84.85	0.00266
-111.02	-86.97	0.00292	-109.60	-88.39	0.00311
-108.19	-89.80	0.00333	-106.77	-91.22	0.00359
-105.36	-92.63	0.00389	-92.63	-105.36	0.00525
-91.22	-106.77	0.00501	-89.80	-108.19	0.00476
-88.39	-109.60	0.00453	-86.97	-111.02	0.00430
-84.85	-113.14	0.00398	-81.32	-116.67	0.00349
-77.78	-120.21	0.00306	-70.71	-127.28	0.00234
-63.64	-134.35	0.00180	-56.57	-141.42	0.00140
-49.50	-148.49	0.00110	-42.43	-155.56	0.00088
-35.36	-162.63	0.00072	-28.28	-169.71	0.00060
-162.63	-21.21	0.00047	-155.56	-28.28	0.00056
-148.49	-35.36	0.00067	-141.42	-42.43	0.00081
-134.35	-49.50	0.00100	-127.28	-56.57	0.00125
-120.21	-63.64	0.00160	-113.14	-70.71	0.00209
-109.60	-74.25	0.00242	-106.07	-77.78	0.00283
-103.94	-79.90	0.00314	-102.53	-81.32	0.00338
-101.12	-82.73	0.00367	-99.70	-84.15	0.00405
-98.29	-85.56	0.00457	-85.56	-98.29	0.00553
-84.15	-99.70	0.00518	-82.73	-101.12	0.00488
-81.32	-102.53	0.00461	-79.90	-103.94	0.00436
-77.78	-106.07	0.00400	-74.25	-109.60	0.00348
-70.71	-113.14	0.00302	-63.64	-120.21	0.00227
-56.57	-127.28	0.00173	-49.50	-134.35	0.00133
-42.43	-141.42	0.00105	-35.36	-148.49	0.00084
-28.28	-155.56	0.00069	-21.21	-162.63	0.00057
-155.56	-14.14	0.00049	-148.49	-21.21	0.00058
-141.42	-28.28	0.00070	-134.35	-35.36	0.00085
-127.28	-42.43	0.00106	-120.21	-49.50	0.00134
-113.14	-56.57	0.00175	-106.07	-63.64	0.00239
-102.53	-67.18	0.00289	-98.99	-70.71	0.00361

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 88
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00418	-95.46	-74.25	0.00463
-94.05	-75.66	0.00514	-92.63	-77.07	0.00572
-91.22	-78.49	0.00639	-78.49	-91.22	0.00564
-77.07	-92.63	0.00522	-75.66	-94.05	0.00487
-74.25	-95.46	0.00457	-72.83	-96.87	0.00429
-70.71	-98.99	0.00391	-67.18	-102.53	0.00336
-63.64	-106.07	0.00288	-56.57	-113.14	0.00214
-49.50	-120.21	0.00161	-42.43	-127.28	0.00124
-35.36	-134.35	0.00098	-28.28	-141.42	0.00078
-21.21	-148.49	0.00064	-14.14	-155.56	0.00053
-148.49	-7.07	0.00053	-141.42	-14.14	0.00062
-134.35	-21.21	0.00075	-127.28	-28.28	0.00092
-120.21	-35.36	0.00116	-113.14	-42.43	0.00152
-106.07	-49.50	0.00207	-98.99	-56.57	0.00302
-95.46	-60.10	0.00373	-91.92	-63.64	0.00463
-89.80	-65.76	0.00525	-88.39	-67.18	0.00570
-86.97	-68.59	0.00618	-85.56	-70.00	0.00670
-84.15	-71.42	0.00730	-71.42	-84.15	0.00570
-70.00	-85.56	0.00523	-68.59	-86.97	0.00484
-67.18	-88.39	0.00449	-65.76	-89.80	0.00418
-63.64	-91.92	0.00376	-60.10	-95.46	0.00317
-56.57	-98.99	0.00269	-49.50	-106.07	0.00196
-42.43	-113.14	0.00147	-35.36	-120.21	0.00113
-28.28	-127.28	0.00089	-21.21	-134.35	0.00072
-14.14	-141.42	0.00059	-7.07	-148.49	0.00049
-141.42	0.00	0.00057	-134.35	-7.07	0.00068
-127.28	-14.14	0.00083	-120.21	-21.21	0.00103
-113.14	-28.28	0.00133	-106.07	-35.36	0.00179
-98.99	-42.43	0.00251	-91.92	-49.50	0.00363
-88.39	-53.03	0.00436	-84.85	-56.57	0.00521
-82.73	-58.69	0.00579	-81.32	-60.10	0.00620
-79.90	-61.52	0.00665	-78.49	-62.93	0.00714
-77.07	-64.35	0.00769	-64.35	-77.07	0.00563
-62.93	-78.49	0.00512	-61.52	-79.90	0.00470
-60.10	-81.32	0.00432	-58.69	-82.73	0.00399
-56.57	-84.85	0.00355	-53.03	-88.39	0.00293
-49.50	-91.92	0.00245	-42.43	-98.99	0.00175
-35.36	-106.07	0.00131	-28.28	-113.14	0.00101
-21.21	-120.21	0.00080	-14.14	-127.28	0.00065
-7.07	-134.35	0.00054	0.00	-141.42	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 89
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00064	-127.28	0.00	0.00076
-120.21	-7.07	0.00094	-113.14	-14.14	0.00119
-106.07	-21.21	0.00156	-98.99	-28.28	0.00210
-91.92	-35.36	0.00290	-84.85	-42.43	0.00400
-81.32	-45.96	0.00468	-77.78	-49.50	0.00547
-75.66	-51.62	0.00601	-74.25	-53.03	0.00639
-72.83	-54.45	0.00681	-71.42	-55.86	0.00726
-70.00	-57.28	0.00777	-57.28	-70.00	0.00540
-55.86	-71.42	0.00486	-54.45	-72.83	0.00442
-53.03	-74.25	0.00403	-51.62	-75.66	0.00369
-49.50	-77.78	0.00324	-45.96	-81.32	0.00262
-42.43	-84.85	0.00216	-35.36	-91.92	0.00153
-28.28	-98.99	0.00115	-21.21	-106.07	0.00089
-14.14	-113.14	0.00071	-7.07	-120.21	0.00058
0.00	-127.28	0.00048	7.07	-134.35	0.00041
-127.28	14.14	0.00071	-120.21	7.07	0.00087
-113.14	0.00	0.00108	-106.07	-7.07	0.00138
-98.99	-14.14	0.00180	-91.92	-21.21	0.00238
-84.85	-28.28	0.00316	-77.78	-35.36	0.00420
-74.25	-38.89	0.00482	-70.71	-42.43	0.00554
-68.59	-44.55	0.00602	-67.18	-45.96	0.00638
-65.76	-47.38	0.00676	-64.35	-48.79	0.00717
-62.93	-50.20	0.00765	-50.20	-62.93	0.00499
-48.79	-64.35	0.00444	-47.38	-65.76	0.00398
-45.96	-67.18	0.00359	-44.55	-68.59	0.00325
-42.43	-70.71	0.00281	-38.89	-74.25	0.00225
-35.36	-77.78	0.00184	-28.28	-84.85	0.00131
-21.21	-91.92	0.00099	-14.14	-98.99	0.00078
-7.07	-106.07	0.00063	0.00	-113.14	0.00052
7.07	-120.21	0.00043	14.14	-127.28	0.00037
-120.21	21.21	0.00080	-113.14	14.14	0.00098
-106.07	7.07	0.00123	-98.99	0.00	0.00157
-91.92	-7.07	0.00201	-84.85	-14.14	0.00260
-77.78	-21.21	0.00334	-70.71	-28.28	0.00428

-67.18	-31.82	0.00484	-63.64	-35.36	0.00549
-61.52	-37.48	0.00592	-60.10	-38.89	0.00623
-58.69	-40.31	0.00656	-57.28	-41.72	0.00692
-55.86	-43.13	0.00735	-43.13	-55.86	0.00439
-41.72	-57.28	0.00383	-40.31	-58.69	0.00338
-38.89	-60.10	0.00301	-37.48	-61.52	0.00270

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 90
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00232	-31.82	-67.18	0.00186
-28.28	-70.71	0.00154	-21.21	-77.78	0.00111
-14.14	-84.85	0.00085	-7.07	-91.92	0.00068
0.00	-98.99	0.00055	7.07	-106.07	0.00046
14.14	-113.14	0.00039	21.21	-120.21	0.00034
-113.14	28.28	0.00089	-106.07	21.21	0.00110
-98.99	14.14	0.00137	-91.92	7.07	0.00172
-84.85	0.00	0.00218	-77.78	-7.07	0.00275
-70.71	-14.14	0.00346	-63.64	-21.21	0.00432
-60.10	-24.75	0.00483	-56.57	-28.28	0.00540
-54.45	-30.41	0.00576	-53.03	-31.82	0.00601
-51.62	-33.23	0.00628	-50.20	-34.65	0.00658
-48.79	-36.06	0.00693	-36.06	-48.79	0.00356
-34.65	-50.20	0.00305	-33.23	-51.62	0.00267
-31.82	-53.03	0.00237	-30.41	-54.45	0.00214
-28.28	-56.57	0.00185	-24.75	-60.10	0.00151
-21.21	-63.64	0.00127	-14.14	-70.71	0.00095
-7.07	-77.78	0.00074	0.00	-84.85	0.00060
7.07	-91.92	0.00049	14.14	-98.99	0.00041
21.21	-106.07	0.00035	28.28	-113.14	0.00030
-106.07	35.36	0.00097	-98.99	28.28	0.00119
-91.92	21.21	0.00148	-84.85	14.14	0.00183
-77.78	7.07	0.00228	-70.71	0.00	0.00283
-63.64	-7.07	0.00351	-56.57	-14.14	0.00434
-53.03	-17.68	0.00482	-49.50	-21.21	0.00532
-47.38	-23.33	0.00562	-45.96	-24.75	0.00583
-44.55	-26.16	0.00604	-43.13	-27.58	0.00625
-41.72	-28.99	0.00649	-28.99	-41.72	0.00266

-27.58	-43.13	0.00233	-26.16	-44.55	0.00208
-24.75	-45.96	0.00189	-23.33	-47.38	0.00173
-21.21	-49.50	0.00154	-17.68	-53.03	0.00129
-14.14	-56.57	0.00110	-7.07	-63.64	0.00083
0.00	-70.71	0.00066	7.07	-77.78	0.00053
14.14	-84.85	0.00044	21.21	-91.92	0.00037
28.28	-98.99	0.00031	35.36	-106.07	0.00027
-98.99	42.43	0.00105	-91.92	35.36	0.00127
-84.85	28.28	0.00156	-77.78	21.21	0.00190
-70.71	14.14	0.00233	-63.64	7.07	0.00285
-56.57	0.00	0.00348	-49.50	-7.07	0.00425
-45.96	-10.61	0.00468	-42.43	-14.14	0.00511

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 91
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00537	-38.89	-17.68	0.00552
-37.48	-19.09	0.00564	-36.06	-20.51	0.00573
-34.65	-21.92	0.00573	-21.92	-34.65	0.00224
-20.51	-36.06	0.00202	-19.09	-37.48	0.00182
-17.68	-38.89	0.00166	-16.26	-40.31	0.00153
-14.14	-42.43	0.00136	-10.61	-45.96	0.00114
-7.07	-49.50	0.00097	0.00	-56.57	0.00074
7.07	-63.64	0.00058	14.14	-70.71	0.00047
21.21	-77.78	0.00039	28.28	-84.85	0.00033
35.36	-91.92	0.00028	42.43	-98.99	0.00025
-91.92	49.50	0.00111	-84.85	42.43	0.00133
-77.78	35.36	0.00160	-70.71	28.28	0.00192
-63.64	21.21	0.00231	-56.57	14.14	0.00278
-49.50	7.07	0.00333	-42.43	0.00	0.00390
-38.89	-3.54	0.00414	-35.36	-7.07	0.00425
-33.23	-9.19	0.00422	-31.82	-10.61	0.00415
-30.41	-12.02	0.00405	-28.99	-13.44	0.00392
-27.58	-14.85	0.00376	-14.85	-27.58	0.00192
-13.44	-28.99	0.00177	-12.02	-30.41	0.00163
-10.61	-31.82	0.00150	-9.19	-33.23	0.00139
-7.07	-35.36	0.00124	-3.54	-38.89	0.00104
0.00	-42.43	0.00089	7.07	-49.50	0.00068

14.14	-56.57	0.00054	21.21	-63.64	0.00043
28.28	-70.71	0.00036	35.36	-77.78	0.00030
42.43	-84.85	0.00026	49.50	-91.92	0.00022
-84.85	56.57	0.00114	-77.78	49.50	0.00135
-70.71	42.43	0.00160	-63.64	35.36	0.00189
-56.57	28.28	0.00223	-49.50	21.21	0.00260
-42.43	14.14	0.00296	-35.36	7.07	0.00318
-31.82	3.54	0.00317	-28.28	0.00	0.00308
-26.16	-2.12	0.00299	-24.75	-3.54	0.00292
-23.33	-4.95	0.00283	-21.92	-6.36	0.00274
-20.51	-7.78	0.00264	-7.78	-20.51	0.00159
-6.36	-21.92	0.00149	-4.95	-23.33	0.00139
-3.54	-24.75	0.00130	-2.12	-26.16	0.00122
0.00	-28.28	0.00111	3.54	-31.82	0.00095
7.07	-35.36	0.00082	14.14	-42.43	0.00063
21.21	-49.50	0.00050	28.28	-56.57	0.00040
35.36	-63.64	0.00033	42.43	-70.71	0.00028
49.50	-77.78	0.00024	56.57	-84.85	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 92
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00115	-70.71	56.57	0.00135
-63.64	49.50	0.00156	-56.57	42.43	0.00180
-49.50	35.36	0.00205	-42.43	28.28	0.00229
-35.36	21.21	0.00244	-28.28	14.14	0.00244
-24.75	10.61	0.00238	-21.21	7.07	0.00229
-19.09	4.95	0.00222	-17.68	3.54	0.00217
-16.26	2.12	0.00211	-14.85	0.71	0.00205
-13.44	-0.71	0.00198	-0.71	-13.44	0.00132
0.71	-14.85	0.00124	2.12	-16.26	0.00117
3.54	-17.68	0.00111	4.95	-19.09	0.00105
7.07	-21.21	0.00097	10.61	-24.75	0.00085
14.14	-28.28	0.00074	21.21	-35.36	0.00059
28.28	-42.43	0.00047	35.36	-49.50	0.00038
42.43	-56.57	0.00031	49.50	-63.64	0.00026
56.57	-70.71	0.00023	63.64	-77.78	0.00020
-70.71	70.71	0.00114	-63.64	63.64	0.00131

-56.57	56.57	0.00148	-49.50	49.50	0.00165
-42.43	42.43	0.00181	-35.36	35.36	0.00192
-28.28	28.28	0.00195	-21.21	21.21	0.00190
-17.68	17.68	0.00185	-14.14	14.14	0.00178
-12.02	12.02	0.00172	-10.61	10.61	0.00168
-9.19	9.19	0.00164	-7.78	7.78	0.00159
-6.36	6.36	0.00154	6.36	-6.36	0.00110
7.78	-7.78	0.00105	9.19	-9.19	0.00100
10.61	-10.61	0.00095	12.02	-12.02	0.00090
14.14	-14.14	0.00084	17.68	-17.68	0.00075
21.21	-21.21	0.00067	28.28	-28.28	0.00054
35.36	-35.36	0.00044	42.43	-42.43	0.00036
49.50	-49.50	0.00030	56.57	-56.57	0.00025
63.64	-63.64	0.00022	70.71	-70.71	0.00019
-63.64	77.78	0.00110	-56.57	70.71	0.00123
-49.50	63.64	0.00136	-42.43	56.57	0.00147
-35.36	49.50	0.00155	-28.28	42.43	0.00159
-21.21	35.36	0.00157	-14.14	28.28	0.00152
-10.61	24.75	0.00147	-7.07	21.21	0.00142
-4.95	19.09	0.00137	-3.54	17.68	0.00134
-2.12	16.26	0.00131	-0.71	14.85	0.00127
0.71	13.44	0.00124	13.44	0.71	0.00093
14.85	-0.71	0.00089	16.26	-2.12	0.00085
17.68	-3.54	0.00082	19.09	-4.95	0.00078

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 93
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00073	24.75	-10.61	0.00066
28.28	-14.14	0.00059	35.36	-21.21	0.00049
42.43	-28.28	0.00040	49.50	-35.36	0.00034
56.57	-42.43	0.00028	63.64	-49.50	0.00024
70.71	-56.57	0.00021	77.78	-63.64	0.00018
-56.57	84.85	0.00104	-49.50	77.78	0.00113
-42.43	70.71	0.00121	-35.36	63.64	0.00128
-28.28	56.57	0.00131	-21.21	49.50	0.00131
-14.14	42.43	0.00129	-7.07	35.36	0.00124
-3.54	31.82	0.00120	0.00	28.28	0.00115

2.12	26.16	0.00112	3.54	24.75	0.00110
4.95	23.33	0.00107	6.36	21.92	0.00104
7.78	20.51	0.00102	20.51	7.78	0.00079
21.92	6.36	0.00076	23.33	4.95	0.00073
24.75	3.54	0.00071	26.16	2.12	0.00068
28.28	0.00	0.00064	31.82	-3.54	0.00058
35.36	-7.07	0.00053	42.43	-14.14	0.00044
49.50	-21.21	0.00037	56.57	-28.28	0.00032
63.64	-35.36	0.00027	70.71	-42.43	0.00023
77.78	-49.50	0.00020	84.85	-56.57	0.00017
-49.50	91.92	0.00096	-42.43	84.85	0.00102
-35.36	77.78	0.00107	-28.28	70.71	0.00110
-21.21	63.64	0.00111	-14.14	56.57	0.00110
-7.07	49.50	0.00108	0.00	42.43	0.00103
3.54	38.89	0.00100	7.07	35.36	0.00096
9.19	33.23	0.00093	10.61	31.82	0.00091
12.02	30.41	0.00089	13.44	28.99	0.00087
14.85	27.58	0.00085	27.58	14.85	0.00068
28.99	13.44	0.00066	30.41	12.02	0.00064
31.82	10.61	0.00062	33.23	9.19	0.00060
35.36	7.07	0.00056	38.89	3.54	0.00051
42.43	0.00	0.00047	49.50	-7.07	0.00040
56.57	-14.14	0.00034	63.64	-21.21	0.00029
70.71	-28.28	0.00025	77.78	-35.36	0.00022
84.85	-42.43	0.00019	91.92	-49.50	0.00017
-42.43	98.99	0.00087	-35.36	91.92	0.00091
-28.28	84.85	0.00093	-21.21	77.78	0.00095
-14.14	70.71	0.00094	-7.07	63.64	0.00093
0.00	56.57	0.00091	7.07	49.50	0.00087
10.61	45.96	0.00084	14.14	42.43	0.00081

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 94
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00078	17.68	38.89	0.00077
19.09	37.48	0.00075	20.51	36.06	0.00074
21.92	34.65	0.00072	34.65	21.92	0.00059
36.06	20.51	0.00057	37.48	19.09	0.00056

38.89	17.68	0.00054	40.31	16.26	0.00052
42.43	14.14	0.00050	45.96	10.61	0.00046
49.50	7.07	0.00042	56.57	0.00	0.00036
63.64	-7.07	0.00031	70.71	-14.14	0.00027
77.78	-21.21	0.00024	84.85	-28.28	0.00021
91.92	-35.36	0.00018	98.99	-42.43	0.00016
-35.36	106.07	0.00078	-28.28	98.99	0.00080
-21.21	91.92	0.00081	-14.14	84.85	0.00082
-7.07	77.78	0.00081	0.00	70.71	0.00080
7.07	63.64	0.00078	14.14	56.57	0.00074
17.68	53.03	0.00072	21.21	49.50	0.00069
23.33	47.38	0.00067	24.75	45.96	0.00066
26.16	44.55	0.00065	27.58	43.13	0.00063
28.99	41.72	0.00062	41.72	28.99	0.00051
43.13	27.58	0.00050	44.55	26.16	0.00049
45.96	24.75	0.00048	47.38	23.33	0.00046
49.50	21.21	0.00045	53.03	17.68	0.00041
56.57	14.14	0.00038	63.64	7.07	0.00033
70.71	0.00	0.00029	77.78	-7.07	0.00025
84.85	-14.14	0.00022	91.92	-21.21	0.00019
98.99	-28.28	0.00017	106.07	-35.36	0.00015
-28.28	113.14	0.00070	-21.21	106.07	0.00071
-14.14	98.99	0.00071	-7.07	91.92	0.00071
0.00	84.85	0.00071	7.07	77.78	0.00070
14.14	70.71	0.00067	21.21	63.64	0.00064
24.75	60.10	0.00062	28.28	56.57	0.00059
30.41	54.45	0.00058	31.82	53.03	0.00057
33.23	51.62	0.00056	34.65	50.20	0.00055
36.06	48.79	0.00054	48.79	36.06	0.00045
50.20	34.65	0.00044	51.62	33.23	0.00043
53.03	31.82	0.00042	54.45	30.41	0.00041
56.57	28.28	0.00040	60.10	24.75	0.00037
63.64	21.21	0.00035	70.71	14.14	0.00030
77.78	7.07	0.00026	84.85	0.00	0.00024
91.92	-7.07	0.00021	98.99	-14.14	0.00018
106.07	-21.21	0.00016	113.14	-28.28	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 95
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00062	-14.14	113.14	0.00063
-7.07	106.07	0.00063	0.00	98.99	0.00063
7.07	91.92	0.00062	14.14	84.85	0.00061
21.21	77.78	0.00059	28.28	70.71	0.00056
31.82	67.18	0.00054	35.36	63.64	0.00052
37.48	61.52	0.00051	38.89	60.10	0.00050
40.31	58.69	0.00049	41.72	57.28	0.00048
43.13	55.86	0.00047	55.86	43.13	0.00040
57.28	41.72	0.00040	58.69	40.31	0.00039
60.10	38.89	0.00038	61.52	37.48	0.00037
63.64	35.36	0.00036	67.18	31.82	0.00034
70.71	28.28	0.00031	77.78	21.21	0.00027
84.85	14.14	0.00024	91.92	7.07	0.00022
98.99	0.00	0.00020	106.07	-7.07	0.00017
113.14	-14.14	0.00016	120.21	-21.21	0.00014
-14.14	127.28	0.00056	-7.07	120.21	0.00056
0.00	113.14	0.00056	7.07	106.07	0.00056
14.14	98.99	0.00055	21.21	91.92	0.00054
28.28	84.85	0.00052	35.36	77.78	0.00049
38.89	74.25	0.00047	42.43	70.71	0.00046
44.55	68.59	0.00045	45.96	67.18	0.00044
47.38	65.76	0.00043	48.79	64.35	0.00043
50.20	62.93	0.00042	62.93	50.20	0.00036
64.35	48.79	0.00035	65.76	47.38	0.00035
67.18	45.96	0.00034	68.59	44.55	0.00033
70.71	42.43	0.00032	74.25	38.89	0.00031
77.78	35.36	0.00029	84.85	28.28	0.00025
91.92	21.21	0.00022	98.99	14.14	0.00020
106.07	7.07	0.00018	113.14	0.00	0.00016
120.21	-7.07	0.00015	127.28	-14.14	0.00013
-7.07	134.35	0.00050	0.00	127.28	0.00050
7.07	120.21	0.00050	14.14	113.14	0.00050
21.21	106.07	0.00049	28.28	98.99	0.00047
35.36	91.92	0.00046	42.43	84.85	0.00043
45.96	81.32	0.00042	49.50	77.78	0.00040
51.62	75.66	0.00040	53.03	74.25	0.00039
54.45	72.83	0.00038	55.86	71.42	0.00038
57.28	70.00	0.00037	70.00	57.28	0.00032
71.42	55.86	0.00032	72.83	54.45	0.00031
74.25	53.03	0.00031	75.66	51.62	0.00030

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00029	81.32	45.96	0.00028
84.85	42.43	0.00026	91.92	35.36	0.00023
98.99	28.28	0.00021	106.07	21.21	0.00019
113.14	14.14	0.00017	120.21	7.07	0.00016
127.28	0.00	0.00014	134.35	-7.07	0.00013
0.00	141.42	0.00045	7.07	134.35	0.00045
14.14	127.28	0.00045	21.21	120.21	0.00044
28.28	113.14	0.00044	35.36	106.07	0.00042
42.43	98.99	0.00041	49.50	91.92	0.00039
53.03	88.39	0.00037	56.57	84.85	0.00036
58.69	82.73	0.00035	60.10	81.32	0.00035
61.52	79.90	0.00034	62.93	78.49	0.00034
64.35	77.07	0.00033	77.07	64.35	0.00029
78.49	62.93	0.00029	79.90	61.52	0.00028
81.32	60.10	0.00028	82.73	58.69	0.00028
84.85	56.57	0.00027	88.39	53.03	0.00026
91.92	49.50	0.00024	98.99	42.43	0.00022
106.07	35.36	0.00019	113.14	28.28	0.00017
120.21	21.21	0.00016	127.28	14.14	0.00015
134.35	7.07	0.00013	141.42	0.00	0.00012
7.07	148.49	0.00041	14.14	141.42	0.00041
21.21	134.35	0.00041	28.28	127.28	0.00040
35.36	120.21	0.00039	42.43	113.14	0.00038
49.50	106.07	0.00036	56.57	98.99	0.00035
60.10	95.46	0.00034	63.64	91.92	0.00033
65.76	89.80	0.00032	67.18	88.39	0.00031
68.59	86.97	0.00031	70.00	85.56	0.00031
71.42	84.15	0.00030	84.15	71.42	0.00027
85.56	70.00	0.00026	86.97	68.59	0.00026
88.39	67.18	0.00026	89.80	65.76	0.00025
91.92	63.64	0.00025	95.46	60.10	0.00023
98.99	56.57	0.00022	106.07	49.50	0.00020
113.14	42.43	0.00018	120.21	35.36	0.00016
127.28	28.28	0.00015	134.35	21.21	0.00014
141.42	14.14	0.00013	148.49	7.07	0.00012
14.14	155.56	0.00037	21.21	148.49	0.00037

28.28	141.42	0.00037	35.36	134.35	0.00036
42.43	127.28	0.00035	49.50	120.21	0.00034
56.57	113.14	0.00033	63.64	106.07	0.00031
67.18	102.53	0.00030	70.71	98.99	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 97
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00029	74.25	95.46	0.00028
75.66	94.05	0.00028	77.07	92.63	0.00028
78.49	91.22	0.00027	91.22	78.49	0.00024
92.63	77.07	0.00024	94.05	75.66	0.00024
95.46	74.25	0.00023	96.87	72.83	0.00023
98.99	70.71	0.00023	102.53	67.18	0.00022
106.07	63.64	0.00021	113.14	56.57	0.00019
120.21	49.50	0.00017	127.28	42.43	0.00015
134.35	35.36	0.00014	141.42	28.28	0.00013
148.49	21.21	0.00012	155.56	14.14	0.00011
21.21	162.63	0.00034	28.28	155.56	0.00034
35.36	148.49	0.00033	42.43	141.42	0.00033
49.50	134.35	0.00032	56.57	127.28	0.00031
63.64	120.21	0.00030	70.71	113.14	0.00028
74.25	109.60	0.00028	77.78	106.07	0.00027
79.90	103.94	0.00026	81.32	102.53	0.00026
82.73	101.12	0.00026	84.15	99.70	0.00025
85.56	98.29	0.00025	98.29	85.56	0.00022
99.70	84.15	0.00022	101.12	82.73	0.00022
102.53	81.32	0.00022	103.94	79.90	0.00021
106.07	77.78	0.00021	109.60	74.25	0.00020
113.14	70.71	0.00019	120.21	63.64	0.00017
127.28	56.57	0.00016	134.35	49.50	0.00014
141.42	42.43	0.00013	148.49	35.36	0.00012
155.56	28.28	0.00011	162.63	21.21	0.00010
28.28	169.71	0.00031	35.36	162.63	0.00031
42.43	155.56	0.00031	49.50	148.49	0.00030
56.57	141.42	0.00029	63.64	134.35	0.00028
70.71	127.28	0.00027	77.78	120.21	0.00026
81.32	116.67	0.00025	84.85	113.14	0.00024

86.97	111.02	0.00024	88.39	109.60	0.00024
89.80	108.19	0.00023	91.22	106.77	0.00023
92.63	105.36	0.00023	105.36	92.63	0.00021
106.77	91.22	0.00020	108.19	89.80	0.00020
109.60	88.39	0.00020	111.02	86.97	0.00020
113.14	84.85	0.00019	116.67	81.32	0.00019
120.21	77.78	0.00018	127.28	70.71	0.00016
134.35	63.64	0.00015	141.42	56.57	0.00013
148.49	49.50	0.00012	155.56	42.43	0.00011
162.63	35.36	0.00011	169.71	28.28	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 98
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00029	42.43	169.71	0.00028
49.50	162.63	0.00028	56.57	155.56	0.00027
63.64	148.49	0.00027	70.71	141.42	0.00026
77.78	134.35	0.00025	84.85	127.28	0.00024
88.39	123.74	0.00023	91.92	120.21	0.00022
94.05	118.09	0.00022	95.46	116.67	0.00022
96.87	115.26	0.00022	98.29	113.84	0.00021
99.70	112.43	0.00021	112.43	99.70	0.00019
113.84	98.29	0.00019	115.26	96.87	0.00019
116.67	95.46	0.00018	118.09	94.05	0.00018
120.21	91.92	0.00018	123.74	88.39	0.00017
127.28	84.85	0.00017	134.35	77.78	0.00015
141.42	70.71	0.00014	148.49	63.64	0.00013
155.56	56.57	0.00012	162.63	49.50	0.00011
169.71	42.43	0.00010	176.78	35.36	0.00009
42.43	183.85	0.00026	49.50	176.78	0.00026
56.57	169.71	0.00026	63.64	162.63	0.00025
70.71	155.56	0.00025	77.78	148.49	0.00024
84.85	141.42	0.00023	91.92	134.35	0.00022
95.46	130.81	0.00021	98.99	127.28	0.00021
101.12	125.16	0.00020	102.53	123.74	0.00020
103.94	122.33	0.00020	105.36	120.92	0.00020
106.77	119.50	0.00019	119.50	106.77	0.00018
120.92	105.36	0.00017	122.33	103.94	0.00017

123.74	102.53	0.00017	125.16	101.12	0.00017
127.28	98.99	0.00017	130.81	95.46	0.00016
134.35	91.92	0.00016	141.42	84.85	0.00014
148.49	77.78	0.00013	155.56	70.71	0.00012
162.63	63.64	0.00011	169.71	56.57	0.00010
176.78	49.50	0.00010	183.85	42.43	0.00009
49.50	190.92	0.00024	56.57	183.85	0.00024
63.64	176.78	0.00024	70.71	169.71	0.00023
77.78	162.63	0.00023	84.85	155.56	0.00022
91.92	148.49	0.00021	98.99	141.42	0.00020
102.53	137.89	0.00020	106.07	134.35	0.00019
108.19	132.23	0.00019	109.60	130.81	0.00019
111.02	129.40	0.00018	112.43	127.99	0.00018
113.84	126.57	0.00018	126.57	113.84	0.00016
127.99	112.43	0.00016	129.40	111.02	0.00016
130.81	109.60	0.00016	132.23	108.19	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 99
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00015	137.89	102.53	0.00015
141.42	98.99	0.00015	148.49	91.92	0.00013
155.56	84.85	0.00012	162.63	77.78	0.00011
169.71	70.71	0.00010	176.78	63.64	0.00010
183.85	56.57	0.00009	190.92	49.50	0.00009
56.57	197.99	0.00023	63.64	190.92	0.00022
70.71	183.85	0.00022	77.78	176.78	0.00021
84.85	169.71	0.00021	91.92	162.63	0.00020
98.99	155.56	0.00019	106.07	148.49	0.00019
109.60	144.96	0.00018	113.14	141.42	0.00018
115.26	139.30	0.00017	116.67	137.89	0.00017
118.09	136.47	0.00017	119.50	135.06	0.00017
120.92	133.64	0.00017	133.64	120.92	0.00015
135.06	119.50	0.00015	136.47	118.09	0.00015
137.89	116.67	0.00015	139.30	115.26	0.00015
141.42	113.14	0.00014	144.96	109.60	0.00014
148.49	106.07	0.00014	155.56	98.99	0.00013
162.63	91.92	0.00012	169.71	84.85	0.00011

176.78	77.78	0.00010	183.85	70.71	0.00009
190.92	63.64	0.00009	197.99	56.57	0.00008
63.64	205.06	0.00021	70.71	197.99	0.00021
77.78	190.92	0.00020	84.85	183.85	0.00020
91.92	176.78	0.00019	98.99	169.71	0.00019
106.07	162.63	0.00018	113.14	155.56	0.00017
116.67	152.03	0.00017	120.21	148.49	0.00016
122.33	146.37	0.00016	123.74	144.96	0.00016
125.16	143.54	0.00016	126.57	142.13	0.00016
127.99	140.71	0.00016	140.71	127.99	0.00014
142.13	126.57	0.00014	143.54	125.16	0.00014
144.96	123.74	0.00014	146.37	122.33	0.00014
148.49	120.21	0.00014	152.03	116.67	0.00013
155.56	113.14	0.00013	162.63	106.07	0.00012
169.71	98.99	0.00011	176.78	91.92	0.00010
183.85	84.85	0.00009	190.92	77.78	0.00009
197.99	70.71	0.00008	205.06	63.64	0.00008
70.71	212.13	0.00020	77.78	205.06	0.00019
84.85	197.99	0.00019	91.92	190.92	0.00019
98.99	183.85	0.00018	106.07	176.78	0.00017
113.14	169.71	0.00017	120.21	162.63	0.00016
123.74	159.10	0.00016	127.28	155.56	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 100
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00015	130.81	152.03	0.00015
132.23	150.61	0.00015	133.64	149.20	0.00015
135.06	147.79	0.00015	147.79	135.06	0.00013
149.20	133.64	0.00013	150.61	132.23	0.00013
152.03	130.81	0.00013	153.44	129.40	0.00013
155.56	127.28	0.00013	159.10	123.74	0.00012
162.63	120.21	0.00012	169.71	113.14	0.00011
176.78	106.07	0.00011	183.85	98.99	0.00010
190.92	91.92	0.00009	197.99	84.85	0.00008
205.06	77.78	0.00008	212.13	70.71	0.00007
77.78	219.20	0.00018	84.85	212.13	0.00018
91.92	205.06	0.00018	98.99	197.99	0.00017

106.07	190.92	0.00017	113.14	183.85	0.00016
120.21	176.78	0.00016	127.28	169.71	0.00015
130.81	166.17	0.00015	134.35	162.63	0.00014
136.47	160.51	0.00014	137.89	159.10	0.00014
139.30	157.68	0.00014	140.71	156.27	0.00014
142.13	154.86	0.00014	154.86	142.13	0.00013
156.27	140.71	0.00012	157.68	139.30	0.00012
159.10	137.89	0.00012	160.51	136.47	0.00012
162.63	134.35	0.00012	166.17	130.81	0.00012
169.71	127.28	0.00011	176.78	120.21	0.00011
183.85	113.14	0.00010	190.92	106.07	0.00009
197.99	98.99	0.00009	205.06	91.92	0.00008
212.13	84.85	0.00008	219.20	77.78	0.00007
84.85	226.27	0.00017	91.92	219.20	0.00017
98.99	212.13	0.00016	106.07	205.06	0.00016
113.14	197.99	0.00016	120.21	190.92	0.00015
127.28	183.85	0.00015	134.35	176.78	0.00014
137.89	173.24	0.00014	141.42	169.71	0.00013
143.54	167.58	0.00013	144.96	166.17	0.00013
146.37	164.76	0.00013	147.79	163.34	0.00013
149.20	161.93	0.00013	161.93	149.20	0.00012
163.34	147.79	0.00012	164.76	146.37	0.00012
166.17	144.96	0.00012	167.58	143.54	0.00011
169.71	141.42	0.00011	173.24	137.89	0.00011
176.78	134.35	0.00011	183.85	127.28	0.00010
190.92	120.21	0.00010	197.99	113.14	0.00009
205.06	106.07	0.00008	212.13	98.99	0.00008
219.20	91.92	0.00007	226.27	84.85	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 101
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00016	98.99	226.27	0.00016
106.07	219.20	0.00015	113.14	212.13	0.00015
120.21	205.06	0.00015	127.28	197.99	0.00014
134.35	190.92	0.00014	141.42	183.85	0.00013
144.96	180.31	0.00013	148.49	176.78	0.00013
150.61	174.66	0.00012	152.03	173.24	0.00012

153.44	171.83	0.00012	154.86	170.41	0.00012
156.27	169.00	0.00012	169.00	156.27	0.00011
170.41	154.86	0.00011	171.83	153.44	0.00011
173.24	152.03	0.00011	174.66	150.61	0.00011
176.78	148.49	0.00011	180.31	144.96	0.00010
183.85	141.42	0.00010	190.92	134.35	0.00010
197.99	127.28	0.00009	205.06	120.21	0.00008
212.13	113.14	0.00008	219.20	106.07	0.00007
226.27	98.99	0.00007	233.35	91.92	0.00006
98.99	240.42	0.00015	106.07	233.35	0.00015
113.14	226.27	0.00014	120.21	219.20	0.00014
127.28	212.13	0.00014	134.35	205.06	0.00013
141.42	197.99	0.00013	148.49	190.92	0.00012
152.03	187.38	0.00012	155.56	183.85	0.00012
157.68	181.73	0.00012	159.10	180.31	0.00012
160.51	178.90	0.00011	161.93	177.48	0.00011
163.34	176.07	0.00011	176.07	163.34	0.00011
177.48	161.93	0.00010	178.90	160.51	0.00010
180.31	159.10	0.00010	181.73	157.68	0.00010
183.85	155.56	0.00010	187.38	152.03	0.00010
190.92	148.49	0.00010	197.99	141.42	0.00009
205.06	134.35	0.00009	212.13	127.28	0.00008
219.20	120.21	0.00008	226.27	113.14	0.00007
233.35	106.07	0.00007	240.42	98.99	0.00006
106.07	247.49	0.00014	113.14	240.42	0.00014
120.21	233.35	0.00014	127.28	226.27	0.00013
134.35	219.20	0.00013	141.42	212.13	0.00012
148.49	205.06	0.00012	155.56	197.99	0.00012
159.10	194.45	0.00011	162.63	190.92	0.00011
164.76	188.80	0.00011	166.17	187.38	0.00011
167.58	185.97	0.00011	169.00	184.55	0.00011
170.41	183.14	0.00011	183.14	170.41	0.00010
184.55	169.00	0.00010	185.97	167.58	0.00010
187.38	166.17	0.00010	188.80	164.76	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 102
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

190.92	162.63	0.00010	194.45	159.10	0.00009
197.99	155.56	0.00009	205.06	148.49	0.00009
212.13	141.42	0.00008	219.20	134.35	0.00008
226.27	127.28	0.00007	233.35	120.21	0.00007
240.42	113.14	0.00006	247.49	106.07	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 103
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00044	-240.42	-113.14	0.00052
-233.35	-120.21	0.00063	-226.27	-127.28	0.00076
-219.20	-134.35	0.00093	-212.13	-141.42	0.00116
-205.06	-148.49	0.00147	-197.99	-155.56	0.00186
-194.45	-159.10	0.00210	-190.92	-162.63	0.00235
-188.80	-164.76	0.00252	-187.38	-166.17	0.00263
-185.97	-167.58	0.00274	-184.55	-169.00	0.00285
-183.14	-170.41	0.00296	-170.41	-183.14	0.00361
-169.00	-184.55	0.00361	-167.58	-185.97	0.00359
-166.17	-187.38	0.00355	-164.76	-188.80	0.00349
-162.63	-190.92	0.00337	-159.10	-194.45	0.00312
-155.56	-197.99	0.00283	-148.49	-205.06	0.00229
-141.42	-212.13	0.00183	-134.35	-219.20	0.00146
-127.28	-226.27	0.00117	-120.21	-233.35	0.00094
-113.14	-240.42	0.00077	-106.07	-247.49	0.00064
-240.42	-98.99	0.00045	-233.35	-106.07	0.00053
-226.27	-113.14	0.00063	-219.20	-120.21	0.00077
-212.13	-127.28	0.00094	-205.06	-134.35	0.00118
-197.99	-141.42	0.00150	-190.92	-148.49	0.00195
-187.38	-152.03	0.00223	-183.85	-155.56	0.00255
-181.73	-157.68	0.00277	-180.31	-159.10	0.00293
-178.90	-160.51	0.00309	-177.48	-161.93	0.00326
-176.07	-163.34	0.00343	-163.34	-176.07	0.00442
-161.93	-177.48	0.00436	-160.51	-178.90	0.00426
-159.10	-180.31	0.00414	-157.68	-181.73	0.00400
-155.56	-183.85	0.00377	-152.03	-187.38	0.00339
-148.49	-190.92	0.00301	-141.42	-197.99	0.00235
-134.35	-205.06	0.00183	-127.28	-212.13	0.00144
-120.21	-219.20	0.00114	-113.14	-226.27	0.00092

-106.07	-233.35	0.00075	-98.99	-240.42	0.00062
-233.35	-91.92	0.00046	-226.27	-99.00	0.00054
-219.20	-106.07	0.00065	-212.13	-113.14	0.00079
-205.06	-120.21	0.00097	-197.99	-127.28	0.00121
-190.92	-134.35	0.00153	-183.85	-141.42	0.00199
-180.31	-144.96	0.00230	-176.78	-148.49	0.00266
-174.66	-150.61	0.00292	-173.24	-152.03	0.00311
-171.83	-153.44	0.00333	-170.41	-154.86	0.00359
-169.00	-156.27	0.00389	-156.27	-169.00	0.00525
-154.86	-170.41	0.00501	-153.44	-171.83	0.00476
-152.03	-173.24	0.00453	-150.61	-174.66	0.00430

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 104
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00398	-144.96	-180.31	0.00349
-141.42	-183.85	0.00306	-134.35	-190.92	0.00234
-127.28	-197.99	0.00180	-120.21	-205.06	0.00140
-113.14	-212.13	0.00110	-106.07	-219.20	0.00088
-98.99	-226.27	0.00072	-91.92	-233.35	0.00060
-226.27	-84.85	0.00047	-219.20	-91.92	0.00056
-212.13	-99.00	0.00067	-205.06	-106.07	0.00081
-197.99	-113.14	0.00100	-190.92	-120.21	0.00125
-183.85	-127.28	0.00160	-176.78	-134.35	0.00209
-173.24	-137.89	0.00242	-169.71	-141.42	0.00283
-167.58	-143.54	0.00314	-166.17	-144.96	0.00338
-164.76	-146.37	0.00367	-163.34	-147.79	0.00405
-161.93	-149.20	0.00457	-149.20	-161.93	0.00553
-147.79	-163.34	0.00518	-146.37	-164.76	0.00488
-144.96	-166.17	0.00461	-143.54	-167.58	0.00436
-141.42	-169.71	0.00400	-137.89	-173.24	0.00348
-134.35	-176.78	0.00302	-127.28	-183.85	0.00227
-120.21	-190.92	0.00173	-113.14	-197.99	0.00133
-106.07	-205.06	0.00105	-98.99	-212.13	0.00084
-91.92	-219.20	0.00069	-84.85	-226.27	0.00057
-219.20	-77.78	0.00049	-212.13	-84.85	0.00058
-205.06	-91.92	0.00070	-197.99	-99.00	0.00085
-190.92	-106.07	0.00106	-183.85	-113.14	0.00134

-176.78	-120.21	0.00175	-169.71	-127.28	0.00239
-166.17	-130.81	0.00289	-162.63	-134.35	0.00361
-160.51	-136.47	0.00418	-159.10	-137.89	0.00463
-157.68	-139.30	0.00514	-156.27	-140.71	0.00572
-154.86	-142.13	0.00639	-142.13	-154.86	0.00564
-140.71	-156.27	0.00522	-139.30	-157.68	0.00488
-137.89	-159.10	0.00457	-136.47	-160.51	0.00429
-134.35	-162.63	0.00391	-130.81	-166.17	0.00336
-127.28	-169.71	0.00288	-120.21	-176.78	0.00214
-113.14	-183.85	0.00161	-106.07	-190.92	0.00124
-98.99	-197.99	0.00098	-91.92	-205.06	0.00078
-84.85	-212.13	0.00064	-77.78	-219.20	0.00053
-212.13	-70.71	0.00053	-205.06	-77.78	0.00062
-197.99	-84.85	0.00075	-190.92	-91.92	0.00092
-183.85	-98.99	0.00116	-176.78	-106.07	0.00152
-169.71	-113.14	0.00207	-162.63	-120.21	0.00302
-159.10	-123.74	0.00373	-155.56	-127.28	0.00463

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 105
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00525	-152.03	-130.81	0.00570
-150.61	-132.23	0.00618	-149.20	-133.64	0.00670
-147.79	-135.06	0.00730	-135.06	-147.79	0.00570
-133.64	-149.20	0.00523	-132.23	-150.61	0.00484
-130.81	-152.03	0.00449	-129.40	-153.44	0.00418
-127.28	-155.56	0.00376	-123.74	-159.10	0.00317
-120.21	-162.63	0.00269	-113.14	-169.71	0.00196
-106.07	-176.78	0.00147	-98.99	-183.85	0.00113
-91.92	-190.92	0.00089	-84.85	-197.99	0.00072
-77.78	-205.06	0.00059	-70.71	-212.13	0.00049
-205.06	-63.64	0.00057	-197.99	-70.71	0.00068
-190.92	-77.78	0.00083	-183.85	-84.85	0.00103
-176.78	-91.92	0.00133	-169.71	-98.99	0.00179
-162.63	-106.07	0.00251	-155.56	-113.14	0.00363
-152.03	-116.67	0.00436	-148.49	-120.21	0.00521
-146.37	-122.33	0.00579	-144.96	-123.74	0.00620
-143.54	-125.16	0.00665	-142.13	-126.57	0.00714

-140.71	-127.99	0.00769	-127.99	-140.71	0.00563
-126.57	-142.13	0.00512	-125.16	-143.54	0.00470
-123.74	-144.96	0.00432	-122.33	-146.37	0.00399
-120.21	-148.49	0.00355	-116.67	-152.03	0.00293
-113.14	-155.56	0.00245	-106.07	-162.63	0.00175
-98.99	-169.71	0.00131	-91.92	-176.78	0.00101
-84.85	-183.85	0.00080	-77.78	-190.92	0.00065
-70.71	-197.99	0.00054	-63.64	-205.06	0.00045
-197.99	-56.57	0.00064	-190.92	-63.64	0.00076
-183.85	-70.71	0.00094	-176.78	-77.78	0.00119
-169.71	-84.85	0.00156	-162.63	-91.92	0.00210
-155.56	-98.99	0.00290	-148.49	-106.07	0.00400
-144.96	-109.60	0.00468	-141.42	-113.14	0.00547
-139.30	-115.26	0.00601	-137.89	-116.67	0.00639
-136.47	-118.09	0.00681	-135.06	-119.50	0.00726
-133.64	-120.92	0.00777	-120.92	-133.64	0.00540
-119.50	-135.06	0.00486	-118.09	-136.47	0.00442
-116.67	-137.89	0.00403	-115.26	-139.30	0.00369
-113.14	-141.42	0.00324	-109.60	-144.96	0.00262
-106.07	-148.49	0.00216	-98.99	-155.56	0.00153
-91.92	-162.63	0.00115	-84.85	-169.71	0.00089
-77.78	-176.78	0.00071	-70.71	-183.85	0.00058
-63.64	-190.92	0.00048	-56.57	-197.99	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 106
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00071	-183.85	-56.57	0.00087
-176.78	-63.64	0.00108	-169.71	-70.71	0.00138
-162.63	-77.78	0.00180	-155.56	-84.85	0.00238
-148.49	-91.92	0.00316	-141.42	-98.99	0.00420
-137.89	-102.53	0.00482	-134.35	-106.07	0.00554
-132.23	-108.19	0.00602	-130.81	-109.60	0.00638
-129.40	-111.02	0.00676	-127.99	-112.43	0.00717
-126.57	-113.84	0.00765	-113.84	-126.57	0.00499
-112.43	-127.99	0.00444	-111.02	-129.40	0.00398
-109.60	-130.81	0.00359	-108.19	-132.23	0.00325
-106.07	-134.35	0.00281	-102.53	-137.89	0.00225

-98.99	-141.42	0.00184	-91.92	-148.49	0.00131
-84.85	-155.56	0.00099	-77.78	-162.63	0.00078
-70.71	-169.71	0.00063	-63.64	-176.78	0.00052
-56.57	-183.85	0.00043	-49.50	-190.92	0.00037
-183.85	-42.43	0.00080	-176.78	-49.50	0.00098
-169.71	-56.57	0.00123	-162.63	-63.64	0.00157
-155.56	-70.71	0.00201	-148.49	-77.78	0.00260
-141.42	-84.85	0.00334	-134.35	-91.92	0.00428
-130.81	-95.46	0.00485	-127.28	-98.99	0.00549
-125.16	-101.12	0.00592	-123.74	-102.53	0.00623
-122.33	-103.94	0.00656	-120.92	-105.36	0.00692
-119.50	-106.77	0.00735	-106.77	-119.50	0.00439
-105.36	-120.92	0.00383	-103.94	-122.33	0.00338
-102.53	-123.74	0.00301	-101.12	-125.16	0.00270
-98.99	-127.28	0.00232	-95.46	-130.81	0.00186
-91.92	-134.35	0.00154	-84.85	-141.42	0.00111
-77.78	-148.49	0.00085	-70.71	-155.56	0.00068
-63.64	-162.63	0.00055	-56.57	-169.71	0.00046
-49.50	-176.78	0.00039	-42.43	-183.85	0.00034
-176.78	-35.36	0.00089	-169.71	-42.43	0.00110
-162.63	-49.50	0.00137	-155.56	-56.57	0.00172
-148.49	-63.64	0.00218	-141.42	-70.71	0.00275
-134.35	-77.78	0.00346	-127.28	-84.85	0.00432
-123.74	-88.39	0.00483	-120.21	-91.92	0.00540
-118.09	-94.05	0.00576	-116.67	-95.46	0.00601
-115.26	-96.87	0.00628	-113.84	-98.29	0.00658
-112.43	-99.70	0.00693	-99.70	-112.43	0.00356
-98.29	-113.84	0.00305	-96.87	-115.26	0.00267
-95.46	-116.67	0.00237	-94.05	-118.09	0.00214

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 107
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00185	-88.39	-123.74	0.00151
-84.85	-127.28	0.00127	-77.78	-134.35	0.00095
-70.71	-141.42	0.00074	-63.64	-148.49	0.00060
-56.57	-155.56	0.00049	-49.50	-162.63	0.00041
-42.43	-169.71	0.00035	-35.36	-176.78	0.00030

-169.71	-28.28	0.00097	-162.63	-35.36	0.00119
-155.56	-42.43	0.00148	-148.49	-49.50	0.00183
-141.42	-56.57	0.00228	-134.35	-63.64	0.00283
-127.28	-70.71	0.00351	-120.21	-77.78	0.00434
-116.67	-81.32	0.00482	-113.14	-84.85	0.00532
-111.02	-86.97	0.00562	-109.60	-88.39	0.00583
-108.19	-89.80	0.00604	-106.77	-91.22	0.00625
-105.36	-92.63	0.00649	-92.63	-105.36	0.00266
-91.22	-106.77	0.00233	-89.80	-108.19	0.00208
-88.39	-109.60	0.00189	-86.97	-111.02	0.00173
-84.85	-113.14	0.00154	-81.32	-116.67	0.00129
-77.78	-120.21	0.00110	-70.71	-127.28	0.00083
-63.64	-134.35	0.00066	-56.57	-141.42	0.00053
-49.50	-148.49	0.00044	-42.43	-155.56	0.00037
-35.36	-162.63	0.00031	-28.28	-169.71	0.00027
-162.63	-21.21	0.00105	-155.56	-28.28	0.00127
-148.49	-35.36	0.00156	-141.42	-42.43	0.00190
-134.35	-49.50	0.00233	-127.28	-56.57	0.00285
-120.21	-63.64	0.00348	-113.14	-70.71	0.00425
-109.60	-74.25	0.00468	-106.07	-77.78	0.00511
-103.94	-79.90	0.00537	-102.53	-81.32	0.00552
-101.12	-82.73	0.00564	-99.70	-84.15	0.00573
-98.29	-85.56	0.00573	-85.56	-98.29	0.00224
-84.15	-99.70	0.00202	-82.73	-101.12	0.00182
-81.32	-102.53	0.00166	-79.90	-103.94	0.00153
-77.78	-106.07	0.00136	-74.25	-109.60	0.00114
-70.71	-113.14	0.00097	-63.64	-120.21	0.00074
-56.57	-127.28	0.00058	-49.50	-134.35	0.00047
-42.43	-141.42	0.00039	-35.36	-148.49	0.00033
-28.28	-155.56	0.00028	-21.21	-162.63	0.00025
-155.56	-14.14	0.00111	-148.49	-21.21	0.00133
-141.42	-28.28	0.00160	-134.35	-35.36	0.00192
-127.28	-42.43	0.00231	-120.21	-49.50	0.00278
-113.14	-56.57	0.00333	-106.07	-63.64	0.00390
-102.53	-67.18	0.00414	-98.99	-70.71	0.00425

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 108
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00422	-95.46	-74.25	0.00415
-94.05	-75.66	0.00405	-92.63	-77.07	0.00392
-91.22	-78.49	0.00376	-78.49	-91.22	0.00192
-77.07	-92.63	0.00177	-75.66	-94.05	0.00163
-74.25	-95.46	0.00150	-72.83	-96.87	0.00139
-70.71	-98.99	0.00124	-67.18	-102.53	0.00104
-63.64	-106.07	0.00089	-56.57	-113.14	0.00068
-49.50	-120.21	0.00054	-42.43	-127.28	0.00043
-35.36	-134.35	0.00036	-28.28	-141.42	0.00030
-21.21	-148.49	0.00026	-14.14	-155.56	0.00022
-148.49	-7.07	0.00114	-141.42	-14.14	0.00135
-134.35	-21.21	0.00160	-127.28	-28.28	0.00189
-120.21	-35.36	0.00223	-113.14	-42.43	0.00260
-106.07	-49.50	0.00296	-98.99	-56.57	0.00317
-95.46	-60.10	0.00317	-91.92	-63.64	0.00308
-89.80	-65.76	0.00299	-88.39	-67.18	0.00292
-86.97	-68.59	0.00283	-85.56	-70.00	0.00274
-84.15	-71.42	0.00264	-71.42	-84.15	0.00159
-70.00	-85.56	0.00149	-68.59	-86.97	0.00139
-67.18	-88.39	0.00130	-65.76	-89.80	0.00122
-63.64	-91.92	0.00111	-60.10	-95.46	0.00095
-56.57	-98.99	0.00082	-49.50	-106.07	0.00063
-42.43	-113.14	0.00050	-35.36	-120.21	0.00040
-28.28	-127.28	0.00033	-21.21	-134.35	0.00028
-14.14	-141.42	0.00024	-7.07	-148.49	0.00021
-141.42	0.00	0.00115	-134.35	-7.07	0.00135
-127.28	-14.14	0.00156	-120.21	-21.21	0.00180
-113.14	-28.28	0.00205	-106.07	-35.36	0.00229
-98.99	-42.43	0.00244	-91.92	-49.50	0.00244
-88.39	-53.03	0.00238	-84.85	-56.57	0.00229
-82.73	-58.69	0.00222	-81.32	-60.10	0.00217
-79.90	-61.52	0.00211	-78.49	-62.93	0.00205
-77.07	-64.35	0.00198	-64.35	-77.07	0.00132
-62.93	-78.49	0.00124	-61.52	-79.90	0.00117
-60.10	-81.32	0.00111	-58.69	-82.73	0.00105
-56.57	-84.85	0.00097	-53.03	-88.39	0.00085
-49.50	-91.92	0.00074	-42.43	-98.99	0.00059
-35.36	-106.07	0.00047	-28.28	-113.14	0.00038
-21.21	-120.21	0.00031	-14.14	-127.28	0.00026
-7.07	-134.35	0.00023	0.00	-141.42	0.00020

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00114	-127.28	0.00	0.00131
-120.21	-7.07	0.00148	-113.14	-14.14	0.00165
-106.07	-21.21	0.00181	-98.99	-28.28	0.00192
-91.92	-35.36	0.00195	-84.85	-42.43	0.00190
-81.32	-45.96	0.00185	-77.78	-49.50	0.00178
-75.66	-51.62	0.00172	-74.25	-53.03	0.00168
-72.83	-54.45	0.00164	-71.42	-55.86	0.00159
-70.00	-57.28	0.00154	-57.28	-70.00	0.00110
-55.86	-71.42	0.00105	-54.45	-72.83	0.00100
-53.03	-74.25	0.00095	-51.62	-75.66	0.00090
-49.50	-77.78	0.00084	-45.96	-81.32	0.00075
-42.43	-84.85	0.00067	-35.36	-91.92	0.00054
-28.28	-98.99	0.00044	-21.21	-106.07	0.00036
-14.14	-113.14	0.00030	-7.07	-120.21	0.00025
0.00	-127.28	0.00022	7.07	-134.35	0.00019
-127.28	14.14	0.00110	-120.21	7.07	0.00123
-113.14	0.00	0.00136	-106.07	-7.07	0.00147
-98.99	-14.14	0.00155	-91.92	-21.21	0.00159
-84.85	-28.28	0.00157	-77.78	-35.36	0.00152
-74.25	-38.89	0.00147	-70.71	-42.43	0.00142
-68.59	-44.55	0.00137	-67.18	-45.96	0.00134
-65.76	-47.38	0.00131	-64.35	-48.79	0.00127
-62.93	-50.20	0.00124	-50.20	-62.93	0.00093
-48.79	-64.35	0.00089	-47.38	-65.76	0.00085
-45.96	-67.18	0.00082	-44.55	-68.59	0.00078
-42.43	-70.71	0.00073	-38.89	-74.25	0.00066
-35.36	-77.78	0.00059	-28.28	-84.85	0.00049
-21.21	-91.92	0.00040	-14.14	-98.99	0.00034
-7.07	-106.07	0.00028	0.00	-113.14	0.00024
7.07	-120.21	0.00021	14.14	-127.28	0.00018
-120.21	21.21	0.00104	-113.14	14.14	0.00113
-106.07	7.07	0.00121	-98.99	0.00	0.00128
-91.92	-7.07	0.00131	-84.85	-14.14	0.00131
-77.78	-21.21	0.00129	-70.71	-28.28	0.00124
-67.18	-31.82	0.00120	-63.64	-35.36	0.00115
-61.52	-37.48	0.00112	-60.10	-38.89	0.00110
-58.69	-40.31	0.00107	-57.28	-41.72	0.00104

-55.86	-43.13	0.00102	-43.13	-55.86	0.00079
-41.72	-57.28	0.00076	-40.31	-58.69	0.00073
-38.89	-60.10	0.00071	-37.48	-61.52	0.00068

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 110
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00064	-31.82	-67.18	0.00058
-28.28	-70.71	0.00053	-21.21	-77.78	0.00044
-14.14	-84.85	0.00037	-7.07	-91.92	0.00032
0.00	-98.99	0.00027	7.07	-106.07	0.00023
14.14	-113.14	0.00020	21.21	-120.21	0.00017
-113.14	28.28	0.00096	-106.07	21.21	0.00102
-98.99	14.14	0.00107	-91.92	7.07	0.00110
-84.85	0.00	0.00111	-77.78	-7.07	0.00110
-70.71	-14.14	0.00108	-63.64	-21.21	0.00103
-60.10	-24.75	0.00100	-56.57	-28.28	0.00096
-54.45	-30.41	0.00093	-53.03	-31.82	0.00091
-51.62	-33.23	0.00089	-50.20	-34.65	0.00087
-48.79	-36.06	0.00085	-36.06	-48.79	0.00068
-34.65	-50.20	0.00066	-33.23	-51.62	0.00064
-31.82	-53.03	0.00062	-30.41	-54.45	0.00060
-28.28	-56.57	0.00056	-24.75	-60.10	0.00051
-21.21	-63.64	0.00047	-14.14	-70.71	0.00040
-7.07	-77.78	0.00034	0.00	-84.85	0.00029
7.07	-91.92	0.00025	14.14	-98.99	0.00022
21.21	-106.07	0.00019	28.28	-113.14	0.00017
-106.07	35.36	0.00087	-98.99	28.28	0.00091
-91.92	21.21	0.00093	-84.85	14.14	0.00095
-77.78	7.07	0.00094	-70.71	0.00	0.00093
-63.64	-7.07	0.00091	-56.57	-14.14	0.00087
-53.03	-17.68	0.00084	-49.50	-21.21	0.00081
-47.38	-23.33	0.00078	-45.96	-24.75	0.00077
-44.55	-26.16	0.00075	-43.13	-27.58	0.00074
-41.72	-28.99	0.00072	-28.99	-41.72	0.00059
-27.58	-43.13	0.00057	-26.16	-44.55	0.00056
-24.75	-45.96	0.00054	-23.33	-47.38	0.00052
-21.21	-49.50	0.00050	-17.68	-53.03	0.00046

-14.14	-56.57	0.00042	-7.07	-63.64	0.00036
0.00	-70.71	0.00031	7.07	-77.78	0.00027
14.14	-84.85	0.00024	21.21	-91.92	0.00021
28.28	-98.99	0.00018	35.36	-106.07	0.00016
-98.99	42.43	0.00078	-91.92	35.36	0.00080
-84.85	28.28	0.00081	-77.78	21.21	0.00082
-70.71	14.14	0.00081	-63.64	7.07	0.00080
-56.57	0.00	0.00078	-49.50	-7.07	0.00074
-45.96	-10.61	0.00072	-42.43	-14.14	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 111
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00067	-38.89	-17.68	0.00066
-37.48	-19.09	0.00065	-36.06	-20.51	0.00063
-34.65	-21.92	0.00062	-21.92	-34.65	0.00051
-20.51	-36.06	0.00050	-19.09	-37.48	0.00049
-17.68	-38.89	0.00048	-16.26	-40.31	0.00046
-14.14	-42.43	0.00045	-10.61	-45.96	0.00041
-7.07	-49.50	0.00038	0.00	-56.57	0.00033
7.07	-63.64	0.00029	14.14	-70.71	0.00025
21.21	-77.78	0.00022	28.28	-84.85	0.00019
35.36	-91.92	0.00017	42.43	-98.99	0.00015
-91.92	49.50	0.00070	-84.85	42.43	0.00071
-77.78	35.36	0.00071	-70.71	28.28	0.00071
-63.64	21.21	0.00071	-56.57	14.14	0.00070
-49.50	7.07	0.00067	-42.43	0.00	0.00064
-38.89	-3.54	0.00062	-35.36	-7.07	0.00059
-33.23	-9.19	0.00058	-31.82	-10.61	0.00057
-30.41	-12.02	0.00056	-28.99	-13.44	0.00055
-27.58	-14.85	0.00054	-14.85	-27.58	0.00045
-13.44	-28.99	0.00044	-12.02	-30.41	0.00043
-10.61	-31.82	0.00042	-9.19	-33.23	0.00041
-7.07	-35.36	0.00040	-3.54	-38.89	0.00037
0.00	-42.43	0.00035	7.07	-49.50	0.00030
14.14	-56.57	0.00026	21.21	-63.64	0.00024
28.28	-70.71	0.00021	35.36	-77.78	0.00018
42.43	-84.85	0.00016	49.50	-91.92	0.00014

-84.85	56.57	0.00062	-77.78	49.50	0.00063
-70.71	42.43	0.00063	-63.64	35.36	0.00063
-56.57	28.28	0.00062	-49.50	21.21	0.00061
-42.43	14.14	0.00059	-35.36	7.07	0.00056
-31.82	3.54	0.00054	-28.28	0.00	0.00052
-26.16	-2.12	0.00051	-24.75	-3.54	0.00050
-23.33	-4.95	0.00049	-21.92	-6.36	0.00048
-20.51	-7.78	0.00047	-7.78	-20.51	0.00040
-6.36	-21.92	0.00040	-4.95	-23.33	0.00039
-3.54	-24.75	0.00038	-2.12	-26.16	0.00037
0.00	-28.28	0.00036	3.54	-31.82	0.00034
7.07	-35.36	0.00031	14.14	-42.43	0.00027
21.21	-49.50	0.00024	28.28	-56.57	0.00022
35.36	-63.64	0.00020	42.43	-70.71	0.00017
49.50	-77.78	0.00016	56.57	-84.85	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 112
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00056	-70.71	56.57	0.00056
-63.64	49.50	0.00056	-56.57	42.43	0.00056
-49.50	35.36	0.00055	-42.43	28.28	0.00054
-35.36	21.21	0.00052	-28.28	14.14	0.00049
-24.75	10.61	0.00047	-21.21	7.07	0.00046
-19.09	4.95	0.00045	-17.68	3.54	0.00044
-16.26	2.12	0.00043	-14.85	0.71	0.00043
-13.44	-0.71	0.00042	-0.71	-13.44	0.00036
0.71	-14.85	0.00035	2.12	-16.26	0.00035
3.54	-17.68	0.00034	4.95	-19.09	0.00033
7.07	-21.21	0.00032	10.61	-24.75	0.00031
14.14	-28.28	0.00029	21.21	-35.36	0.00025
28.28	-42.43	0.00022	35.36	-49.50	0.00020
42.43	-56.57	0.00018	49.50	-63.64	0.00016
56.57	-70.71	0.00015	63.64	-77.78	0.00013
-70.71	70.71	0.00050	-63.64	63.64	0.00050
-56.57	56.57	0.00050	-49.50	49.50	0.00050
-42.43	42.43	0.00049	-35.36	35.36	0.00047
-28.28	28.28	0.00046	-21.21	21.21	0.00043

-17.68	17.68	0.00042	-14.14	14.14	0.00040
-12.02	12.02	0.00040	-10.61	10.61	0.00039
-9.19	9.19	0.00038	-7.78	7.78	0.00038
-6.36	6.36	0.00037	6.36	-6.36	0.00032
7.78	-7.78	0.00032	9.19	-9.19	0.00031
10.61	-10.61	0.00031	12.02	-12.02	0.00030
14.14	-14.14	0.00029	17.68	-17.68	0.00028
21.21	-21.21	0.00026	28.28	-28.28	0.00023
35.36	-35.36	0.00021	42.43	-42.43	0.00019
49.50	-49.50	0.00017	56.57	-56.57	0.00016
63.64	-63.64	0.00014	70.71	-70.71	0.00013
-63.64	77.78	0.00045	-56.57	70.71	0.00045
-49.50	63.64	0.00045	-42.43	56.57	0.00044
-35.36	49.50	0.00044	-28.28	42.43	0.00042
-21.21	35.36	0.00041	-14.14	28.28	0.00039
-10.61	24.75	0.00037	-7.07	21.21	0.00036
-4.95	19.09	0.00035	-3.54	17.68	0.00035
-2.12	16.26	0.00034	-0.71	14.85	0.00034
0.71	13.44	0.00033	13.44	0.71	0.00029
14.85	-0.71	0.00029	16.26	-2.12	0.00028
17.68	-3.54	0.00028	19.09	-4.95	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 113
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00027	24.75	-10.61	0.00026
28.28	-14.14	0.00024	35.36	-21.21	0.00022
42.43	-28.28	0.00019	49.50	-35.36	0.00017
56.57	-42.43	0.00016	63.64	-49.50	0.00015
70.71	-56.57	0.00013	77.78	-63.64	0.00012
-56.57	84.85	0.00041	-49.50	77.78	0.00041
-42.43	70.71	0.00041	-35.36	63.64	0.00040
-28.28	56.57	0.00039	-21.21	49.50	0.00038
-14.14	42.43	0.00036	-7.07	35.36	0.00035
-3.54	31.82	0.00034	0.00	28.28	0.00033
2.12	26.16	0.00032	3.54	24.75	0.00031
4.95	23.33	0.00031	6.36	21.92	0.00031
7.78	20.51	0.00030	20.51	7.78	0.00027

21.92	6.36	0.00026	23.33	4.95	0.00026
24.75	3.54	0.00026	26.16	2.12	0.00025
28.28	0.00	0.00025	31.82	-3.54	0.00023
35.36	-7.07	0.00022	42.43	-14.14	0.00020
49.50	-21.21	0.00018	56.57	-28.28	0.00016
63.64	-35.36	0.00015	70.71	-42.43	0.00014
77.78	-49.50	0.00013	84.85	-56.57	0.00012
-49.50	91.92	0.00037	-42.43	84.85	0.00037
-35.36	77.78	0.00037	-28.28	70.71	0.00036
-21.21	63.64	0.00035	-14.14	56.57	0.00034
-7.07	49.50	0.00033	0.00	42.43	0.00031
3.54	38.89	0.00030	7.07	35.36	0.00029
9.19	33.23	0.00029	10.61	31.82	0.00028
12.02	30.41	0.00028	13.44	28.99	0.00028
14.85	27.58	0.00027	27.58	14.85	0.00024
28.99	13.44	0.00024	30.41	12.02	0.00024
31.82	10.61	0.00023	33.23	9.19	0.00023
35.36	7.07	0.00023	38.89	3.54	0.00022
42.43	0.00	0.00021	49.50	-7.07	0.00019
56.57	-14.14	0.00017	63.64	-21.21	0.00015
70.71	-28.28	0.00014	77.78	-35.36	0.00013
84.85	-42.43	0.00012	91.92	-49.50	0.00011
-42.43	98.99	0.00034	-35.36	91.92	0.00034
-28.28	84.85	0.00033	-21.21	77.78	0.00033
-14.14	70.71	0.00032	-7.07	63.64	0.00031
0.00	56.57	0.00030	7.07	49.50	0.00028
10.61	45.96	0.00028	14.14	42.43	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 114
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00026	17.68	38.89	0.00026
19.09	37.48	0.00026	20.51	36.06	0.00025
21.92	34.65	0.00025	34.65	21.92	0.00022
36.06	20.51	0.00022	37.48	19.09	0.00022
38.89	17.68	0.00022	40.31	16.26	0.00021
42.43	14.14	0.00021	45.96	10.61	0.00020
49.50	7.07	0.00019	56.57	0.00	0.00017

63.64	-7.07	0.00016	70.71	-14.14	0.00014
77.78	-21.21	0.00013	84.85	-28.28	0.00012
91.92	-35.36	0.00011	98.99	-42.43	0.00010
-35.36	106.07	0.00031	-28.28	98.99	0.00031
-21.21	91.92	0.00031	-14.14	84.85	0.00030
-7.07	77.78	0.00029	0.00	70.71	0.00028
7.07	63.64	0.00027	14.14	56.57	0.00026
17.68	53.03	0.00025	21.21	49.50	0.00024
23.33	47.38	0.00024	24.75	45.96	0.00024
26.16	44.55	0.00023	27.58	43.13	0.00023
28.99	41.72	0.00023	41.72	28.99	0.00021
43.13	27.58	0.00020	44.55	26.16	0.00020
45.96	24.75	0.00020	47.38	23.33	0.00020
49.50	21.21	0.00019	53.03	17.68	0.00019
56.57	14.14	0.00018	63.64	7.07	0.00016
70.71	0.00	0.00015	77.78	-7.07	0.00013
84.85	-14.14	0.00012	91.92	-21.21	0.00011
98.99	-28.28	0.00011	106.07	-35.36	0.00010
-28.28	113.14	0.00029	-21.21	106.07	0.00028
-14.14	98.99	0.00028	-7.07	91.92	0.00027
0.00	84.85	0.00027	7.07	77.78	0.00026
14.14	70.71	0.00025	21.21	63.64	0.00024
24.75	60.10	0.00023	28.28	56.57	0.00022
30.41	54.45	0.00022	31.82	53.03	0.00022
33.23	51.62	0.00022	34.65	50.20	0.00021
36.06	48.79	0.00021	48.79	36.06	0.00019
50.20	34.65	0.00019	51.62	33.23	0.00019
53.03	31.82	0.00018	54.45	30.41	0.00018
56.57	28.28	0.00018	60.10	24.75	0.00017
63.64	21.21	0.00017	70.71	14.14	0.00015
77.78	7.07	0.00014	84.85	0.00	0.00013
91.92	-7.07	0.00012	98.99	-14.14	0.00011
106.07	-21.21	0.00010	113.14	-28.28	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 115
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00026	-14.14	113.14	0.00026

-7.07	106.07	0.00026	0.00	98.99	0.00025
7.07	91.92	0.00025	14.14	84.85	0.00024
21.21	77.78	0.00023	28.28	70.71	0.00022
31.82	67.18	0.00021	35.36	63.64	0.00021
37.48	61.52	0.00020	38.89	60.10	0.00020
40.31	58.69	0.00020	41.72	57.28	0.00020
43.13	55.86	0.00019	55.86	43.13	0.00018
57.28	41.72	0.00017	58.69	40.31	0.00017
60.10	38.89	0.00017	61.52	37.48	0.00017
63.64	35.36	0.00017	67.18	31.82	0.00016
70.71	28.28	0.00016	77.78	21.21	0.00014
84.85	14.14	0.00013	91.92	7.07	0.00012
98.99	0.00	0.00011	106.07	-7.07	0.00010
113.14	-14.14	0.00010	120.21	-21.21	0.00009
-14.14	127.28	0.00024	-7.07	120.21	0.00024
0.00	113.14	0.00024	7.07	106.07	0.00023
14.14	98.99	0.00023	21.21	91.92	0.00022
28.28	84.85	0.00021	35.36	77.78	0.00020
38.89	74.25	0.00020	42.43	70.71	0.00019
44.55	68.59	0.00019	45.96	67.18	0.00019
47.38	65.76	0.00018	48.79	64.35	0.00018
50.20	62.93	0.00018	62.93	50.20	0.00016
64.35	48.79	0.00016	65.76	47.38	0.00016
67.18	45.96	0.00016	68.59	44.55	0.00016
70.71	42.43	0.00015	74.25	38.89	0.00015
77.78	35.36	0.00015	84.85	28.28	0.00013
91.92	21.21	0.00012	98.99	14.14	0.00011
106.07	7.07	0.00010	113.14	0.00	0.00010
120.21	-7.07	0.00009	127.28	-14.14	0.00009
-7.07	134.35	0.00023	0.00	127.28	0.00022
7.07	120.21	0.00022	14.14	113.14	0.00021
21.21	106.07	0.00021	28.28	98.99	0.00020
35.36	91.92	0.00019	42.43	84.85	0.00019
45.96	81.32	0.00018	49.50	77.78	0.00018
51.62	75.66	0.00017	53.03	74.25	0.00017
54.45	72.83	0.00017	55.86	71.42	0.00017
57.28	70.00	0.00017	70.00	57.28	0.00015
71.42	55.86	0.00015	72.83	54.45	0.00015
74.25	53.03	0.00015	75.66	51.62	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 116
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00014	81.32	45.96	0.00014
84.85	42.43	0.00014	91.92	35.36	0.00013
98.99	28.28	0.00012	106.07	21.21	0.00011
113.14	14.14	0.00010	120.21	7.07	0.00009
127.28	0.00	0.00009	134.35	-7.07	0.00008
0.00	141.42	0.00021	7.07	134.35	0.00021
14.14	127.28	0.00020	21.21	120.21	0.00020
28.28	113.14	0.00019	35.36	106.07	0.00019
42.43	98.99	0.00018	49.50	91.92	0.00017
53.03	88.39	0.00017	56.57	84.85	0.00016
58.69	82.73	0.00016	60.10	81.32	0.00016
61.52	79.90	0.00016	62.93	78.49	0.00016
64.35	77.07	0.00016	77.07	64.35	0.00014
78.49	62.93	0.00014	79.90	61.52	0.00014
81.32	60.10	0.00014	82.73	58.69	0.00014
84.85	56.57	0.00014	88.39	53.03	0.00013
91.92	49.50	0.00013	98.99	42.43	0.00012
106.07	35.36	0.00011	113.14	28.28	0.00010
120.21	21.21	0.00009	127.28	14.14	0.00009
134.35	7.07	0.00008	141.42	0.00	0.00008
7.07	148.49	0.00020	14.14	141.42	0.00019
21.21	134.35	0.00019	28.28	127.28	0.00019
35.36	120.21	0.00018	42.43	113.14	0.00017
49.50	106.07	0.00017	56.57	98.99	0.00016
60.10	95.46	0.00016	63.64	91.92	0.00015
65.76	89.80	0.00015	67.18	88.39	0.00015
68.59	86.97	0.00015	70.00	85.56	0.00015
71.42	84.15	0.00015	84.15	71.42	0.00013
85.56	70.00	0.00013	86.97	68.59	0.00013
88.39	67.18	0.00013	89.80	65.76	0.00013
91.92	63.64	0.00013	95.46	60.10	0.00012
98.99	56.57	0.00012	106.07	49.50	0.00011
113.14	42.43	0.00011	120.21	35.36	0.00010
127.28	28.28	0.00009	134.35	21.21	0.00008
141.42	14.14	0.00008	148.49	7.07	0.00007
14.14	155.56	0.00018	21.21	148.49	0.00018
28.28	141.42	0.00018	35.36	134.35	0.00017
42.43	127.28	0.00017	49.50	120.21	0.00016
56.57	113.14	0.00016	63.64	106.07	0.00015

67.18	102.53	0.00015	70.71	98.99	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 117
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00014	74.25	95.46	0.00014
75.66	94.05	0.00014	77.07	92.63	0.00014
78.49	91.22	0.00014	91.22	78.49	0.00013
92.63	77.07	0.00012	94.05	75.66	0.00012
95.46	74.25	0.00012	96.87	72.83	0.00012
98.99	70.71	0.00012	102.53	67.18	0.00012
106.07	63.64	0.00011	113.14	56.57	0.00011
120.21	49.50	0.00010	127.28	42.43	0.00009
134.35	35.36	0.00009	141.42	28.28	0.00008
148.49	21.21	0.00008	155.56	14.14	0.00007
21.21	162.63	0.00017	28.28	155.56	0.00017
35.36	148.49	0.00016	42.43	141.42	0.00016
49.50	134.35	0.00016	56.57	127.28	0.00015
63.64	120.21	0.00015	70.71	113.14	0.00014
74.25	109.60	0.00014	77.78	106.07	0.00013
79.90	103.94	0.00013	81.32	102.53	0.00013
82.73	101.12	0.00013	84.15	99.70	0.00013
85.56	98.29	0.00013	98.29	85.56	0.00012
99.70	84.15	0.00012	101.12	82.73	0.00012
102.53	81.32	0.00012	103.94	79.90	0.00011
106.07	77.78	0.00011	109.60	74.25	0.00011
113.14	70.71	0.00011	120.21	63.64	0.00010
127.28	56.57	0.00010	134.35	49.50	0.00009
141.42	42.43	0.00008	148.49	35.36	0.00008
155.56	28.28	0.00007	162.63	21.21	0.00007
28.28	169.71	0.00016	35.36	162.63	0.00016
42.43	155.56	0.00015	49.50	148.49	0.00015
56.57	141.42	0.00015	63.64	134.35	0.00014
70.71	127.28	0.00014	77.78	120.21	0.00013
81.32	116.67	0.00013	84.85	113.14	0.00013
86.97	111.02	0.00012	88.39	109.60	0.00012
89.80	108.19	0.00012	91.22	106.77	0.00012
92.63	105.36	0.00012	105.36	92.63	0.00011

106.77	91.22	0.00011	108.19	89.80	0.00011
109.60	88.39	0.00011	111.02	86.97	0.00011
113.14	84.85	0.00011	116.67	81.32	0.00010
120.21	77.78	0.00010	127.28	70.71	0.00010
134.35	63.64	0.00009	141.42	56.57	0.00008
148.49	49.50	0.00008	155.56	42.43	0.00007
162.63	35.36	0.00007	169.71	28.28	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 118
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00015	42.43	169.71	0.00015
49.50	162.63	0.00014	56.57	155.56	0.00014
63.64	148.49	0.00014	70.71	141.42	0.00013
77.78	134.35	0.00013	84.85	127.28	0.00012
88.39	123.74	0.00012	91.92	120.21	0.00012
94.05	118.09	0.00012	95.46	116.67	0.00012
96.87	115.26	0.00011	98.29	113.84	0.00011
99.70	112.43	0.00011	112.43	99.70	0.00011
113.84	98.29	0.00010	115.26	96.87	0.00010
116.67	95.46	0.00010	118.09	94.05	0.00010
120.21	91.92	0.00010	123.74	88.39	0.00010
127.28	84.85	0.00010	134.35	77.78	0.00009
141.42	70.71	0.00009	148.49	63.64	0.00008
155.56	56.57	0.00008	162.63	49.50	0.00007
169.71	42.43	0.00007	176.78	35.36	0.00006
42.43	183.85	0.00014	49.50	176.78	0.00014
56.57	169.71	0.00014	63.64	162.63	0.00013
70.71	155.56	0.00013	77.78	148.49	0.00012
84.85	141.42	0.00012	91.92	134.35	0.00012
95.46	130.81	0.00011	98.99	127.28	0.00011
101.12	125.16	0.00011	102.53	123.74	0.00011
103.94	122.33	0.00011	105.36	120.92	0.00011
106.77	119.50	0.00011	119.50	106.77	0.00010
120.92	105.36	0.00010	122.33	103.94	0.00010
123.74	102.53	0.00010	125.16	101.12	0.00010
127.28	98.99	0.00010	130.81	95.46	0.00009
134.35	91.92	0.00009	141.42	84.85	0.00009

148.49	77.78	0.00008	155.56	70.71	0.00008
162.63	63.64	0.00007	169.71	56.57	0.00007
176.78	49.50	0.00006	183.85	42.43	0.00006
49.50	190.92	0.00013	56.57	183.85	0.00013
63.64	176.78	0.00013	70.71	169.71	0.00013
77.78	162.63	0.00012	84.85	155.56	0.00012
91.92	148.49	0.00011	98.99	141.42	0.00011
102.53	137.89	0.00011	106.07	134.35	0.00011
108.19	132.23	0.00010	109.60	130.81	0.00010
111.02	129.40	0.00010	112.43	127.99	0.00010
113.84	126.57	0.00010	126.57	113.84	0.00009
127.99	112.43	0.00009	129.40	111.02	0.00009
130.81	109.60	0.00009	132.23	108.19	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 119
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00009	137.89	102.53	0.00009
141.42	98.99	0.00009	148.49	91.92	0.00008
155.56	84.85	0.00008	162.63	77.78	0.00007
169.71	70.71	0.00007	176.78	63.64	0.00007
183.85	56.57	0.00006	190.92	49.50	0.00006
56.57	197.99	0.00013	63.64	190.92	0.00012
70.71	183.85	0.00012	77.78	176.78	0.00012
84.85	169.71	0.00011	91.92	162.63	0.00011
98.99	155.56	0.00011	106.07	148.49	0.00010
109.60	144.96	0.00010	113.14	141.42	0.00010
115.26	139.30	0.00010	116.67	137.89	0.00010
118.09	136.47	0.00010	119.50	135.06	0.00010
120.92	133.64	0.00010	133.64	120.92	0.00009
135.06	119.50	0.00009	136.47	118.09	0.00009
137.89	116.67	0.00009	139.30	115.26	0.00009
141.42	113.14	0.00009	144.96	109.60	0.00008
148.49	106.07	0.00008	155.56	98.99	0.00008
162.63	91.92	0.00008	169.71	84.85	0.00007
176.78	77.78	0.00007	183.85	70.71	0.00006
190.92	63.64	0.00006	197.99	56.57	0.00006
63.64	205.06	0.00012	70.71	197.99	0.00012

77.78	190.92	0.00011	84.85	183.85	0.00011
91.92	176.78	0.00011	98.99	169.71	0.00010
106.07	162.63	0.00010	113.14	155.56	0.00010
116.67	152.03	0.00010	120.21	148.49	0.00009
122.33	146.37	0.00009	123.74	144.96	0.00009
125.16	143.54	0.00009	126.57	142.13	0.00009
127.99	140.71	0.00009	140.71	127.99	0.00009
142.13	126.57	0.00008	143.54	125.16	0.00008
144.96	123.74	0.00008	146.37	122.33	0.00008
148.49	120.21	0.00008	152.03	116.67	0.00008
155.56	113.14	0.00008	162.63	106.07	0.00008
169.71	98.99	0.00007	176.78	91.92	0.00007
183.85	84.85	0.00006	190.92	77.78	0.00006
197.99	70.71	0.00006	205.06	63.64	0.00005
70.71	212.13	0.00011	77.78	205.06	0.00011
84.85	197.99	0.00011	91.92	190.92	0.00011
98.99	183.85	0.00010	106.07	176.78	0.00010
113.14	169.71	0.00010	120.21	162.63	0.00009
123.74	159.10	0.00009	127.28	155.56	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 120
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00009	130.81	152.03	0.00009
132.23	150.61	0.00009	133.64	149.20	0.00009
135.06	147.79	0.00009	147.79	135.06	0.00008
149.20	133.64	0.00008	150.61	132.23	0.00008
152.03	130.81	0.00008	153.44	129.40	0.00008
155.56	127.28	0.00008	159.10	123.74	0.00008
162.63	120.21	0.00008	169.71	113.14	0.00007
176.78	106.07	0.00007	183.85	98.99	0.00007
190.92	91.92	0.00006	197.99	84.85	0.00006
205.06	77.78	0.00005	212.13	70.71	0.00005
77.78	219.20	0.00011	84.85	212.13	0.00010
91.92	205.06	0.00010	98.99	197.99	0.00010
106.07	190.92	0.00010	113.14	183.85	0.00009
120.21	176.78	0.00009	127.28	169.71	0.00009
130.81	166.17	0.00009	134.35	162.63	0.00008

136.47	160.51	0.00008	137.89	159.10	0.00008
139.30	157.68	0.00008	140.71	156.27	0.00008
142.13	154.86	0.00008	154.86	142.13	0.00008
156.27	140.71	0.00008	157.68	139.30	0.00008
159.10	137.89	0.00008	160.51	136.47	0.00008
162.63	134.35	0.00007	166.17	130.81	0.00007
169.71	127.28	0.00007	176.78	120.21	0.00007
183.85	113.14	0.00007	190.92	106.07	0.00006
197.99	98.99	0.00006	205.06	91.92	0.00006
212.13	84.85	0.00005	219.20	77.78	0.00005
84.85	226.27	0.00010	91.92	219.20	0.00010
98.99	212.13	0.00010	106.07	205.06	0.00009
113.14	197.99	0.00009	120.21	190.92	0.00009
127.28	183.85	0.00009	134.35	176.78	0.00008
137.89	173.24	0.00008	141.42	169.71	0.00008
143.54	167.58	0.00008	144.96	166.17	0.00008
146.37	164.76	0.00008	147.79	163.34	0.00008
149.20	161.93	0.00008	161.93	149.20	0.00007
163.34	147.79	0.00007	164.76	146.37	0.00007
166.17	144.96	0.00007	167.58	143.54	0.00007
169.71	141.42	0.00007	173.24	137.89	0.00007
176.78	134.35	0.00007	183.85	127.28	0.00007
190.92	120.21	0.00006	197.99	113.14	0.00006
205.06	106.07	0.00006	212.13	98.99	0.00005
219.20	91.92	0.00005	226.27	84.85	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 121
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00010	98.99	226.27	0.00009
106.07	219.20	0.00009	113.14	212.13	0.00009
120.21	205.06	0.00009	127.28	197.99	0.00008
134.35	190.92	0.00008	141.42	183.85	0.00008
144.96	180.31	0.00008	148.49	176.78	0.00008
150.61	174.66	0.00008	152.03	173.24	0.00008
153.44	171.83	0.00008	154.86	170.41	0.00007
156.27	169.00	0.00007	169.00	156.27	0.00007
170.41	154.86	0.00007	171.83	153.44	0.00007

173.24	152.03	0.00007	174.66	150.61	0.00007
176.78	148.49	0.00007	180.31	144.96	0.00007
183.85	141.42	0.00007	190.92	134.35	0.00006
197.99	127.28	0.00006	205.06	120.21	0.00006
212.13	113.14	0.00006	219.20	106.07	0.00005
226.27	98.99	0.00005	233.35	91.92	0.00005
98.99	240.42	0.00009	106.07	233.35	0.00009
113.14	226.27	0.00009	120.21	219.20	0.00009
127.28	212.13	0.00008	134.35	205.06	0.00008
141.42	197.99	0.00008	148.49	190.92	0.00008
152.03	187.38	0.00007	155.56	183.85	0.00007
157.68	181.73	0.00007	159.10	180.31	0.00007
160.51	178.90	0.00007	161.93	177.48	0.00007
163.34	176.07	0.00007	176.07	163.34	0.00007
177.48	161.93	0.00007	178.90	160.51	0.00007
180.31	159.10	0.00007	181.73	157.68	0.00007
183.85	155.56	0.00007	187.38	152.03	0.00006
190.92	148.49	0.00006	197.99	141.42	0.00006
205.06	134.35	0.00006	212.13	127.28	0.00006
219.20	120.21	0.00005	226.27	113.14	0.00005
233.35	106.07	0.00005	240.42	98.99	0.00005
106.07	247.49	0.00009	113.14	240.42	0.00009
120.21	233.35	0.00008	127.28	226.27	0.00008
134.35	219.20	0.00008	141.42	212.13	0.00008
148.49	205.06	0.00007	155.56	197.99	0.00007
159.10	194.45	0.00007	162.63	190.92	0.00007
164.76	188.80	0.00007	166.17	187.38	0.00007
167.58	185.97	0.00007	169.00	184.55	0.00007
170.41	183.14	0.00007	183.14	170.41	0.00006
184.55	169.00	0.00006	185.97	167.58	0.00006
187.38	166.17	0.00006	188.80	164.76	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 122
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5 ***
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00006	194.45	159.10	0.00006
197.99	155.56	0.00006	205.06	148.49	0.00006
212.13	141.42	0.00006	219.20	134.35	0.00005

226.27	127.28	0.00005	233.35	120.21	0.00005
240.42	113.14	0.00005	247.49	106.07	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 123
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00134	-240.42	-113.14	0.00149
-233.35	-120.21	0.00166	-226.27	-127.28	0.00187
-219.20	-134.35	0.00213	-212.13	-141.42	0.00244
-205.06	-148.49	0.00283	-197.99	-155.56	0.00330
-194.45	-159.10	0.00357	-190.92	-162.63	0.00386
-188.80	-164.76	0.00405	-187.38	-166.17	0.00417
-185.97	-167.58	0.00430	-184.55	-169.00	0.00442
-183.14	-170.41	0.00455	-170.41	-183.14	0.00527
-169.00	-184.55	0.00527	-167.58	-185.97	0.00526
-166.17	-187.38	0.00522	-164.76	-188.80	0.00517
-162.63	-190.92	0.00505	-159.10	-194.45	0.00480
-155.56	-197.99	0.00451	-148.49	-205.06	0.00396
-141.42	-212.13	0.00348	-134.35	-219.20	0.00306
-127.28	-226.27	0.00271	-120.21	-233.35	0.00242
-113.14	-240.42	0.00217	-106.07	-247.49	0.00196
-240.42	-98.99	0.00138	-233.35	-106.07	0.00154
-226.27	-113.14	0.00173	-219.20	-120.21	0.00195
-212.13	-127.28	0.00222	-205.06	-134.35	0.00255
-197.99	-141.42	0.00297	-190.92	-148.49	0.00350
-187.38	-152.03	0.00383	-183.85	-155.56	0.00420
-181.73	-157.68	0.00444	-180.31	-159.10	0.00462
-178.90	-160.51	0.00480	-177.48	-161.93	0.00498
-176.07	-163.34	0.00517	-163.34	-176.07	0.00624
-161.93	-177.48	0.00619	-160.51	-178.90	0.00609
-159.10	-180.31	0.00598	-157.68	-181.73	0.00584
-155.56	-183.85	0.00561	-152.03	-187.38	0.00523
-148.49	-190.92	0.00485	-141.42	-197.99	0.00418
-134.35	-205.06	0.00363	-127.28	-212.13	0.00317
-120.21	-219.20	0.00280	-113.14	-226.27	0.00248
-106.07	-233.35	0.00222	-98.99	-240.42	0.00200
-233.35	-91.92	0.00143	-226.27	-99.00	0.00160
-219.20	-106.07	0.00180	-212.13	-113.14	0.00204

-205.06	-120.21	0.00232	-197.99	-127.28	0.00268
-190.92	-134.35	0.00312	-183.85	-141.42	0.00369
-180.31	-144.96	0.00404	-176.78	-148.49	0.00446
-174.66	-150.61	0.00474	-173.24	-152.03	0.00496
-171.83	-153.44	0.00520	-170.41	-154.86	0.00548
-169.00	-156.27	0.00580	-156.27	-169.00	0.00726
-154.86	-170.41	0.00702	-153.44	-171.83	0.00678
-152.03	-173.24	0.00655	-150.61	-174.66	0.00633

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 124
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00602	-144.96	-180.31	0.00553
-141.42	-183.85	0.00509	-134.35	-190.92	0.00435
-127.28	-197.99	0.00375	-120.21	-205.06	0.00327
-113.14	-212.13	0.00287	-106.07	-219.20	0.00254
-98.99	-226.27	0.00227	-91.92	-233.35	0.00204
-226.27	-84.85	0.00149	-219.20	-91.92	0.00167
-212.13	-99.00	0.00188	-205.06	-106.07	0.00213
-197.99	-113.14	0.00244	-190.92	-120.21	0.00283
-183.85	-127.28	0.00331	-176.78	-134.35	0.00394
-173.24	-137.89	0.00433	-169.71	-141.42	0.00480
-167.58	-143.54	0.00515	-166.17	-144.96	0.00542
-164.76	-146.37	0.00573	-163.34	-147.79	0.00613
-161.93	-149.20	0.00668	-149.20	-161.93	0.00776
-147.79	-163.34	0.00743	-146.37	-164.76	0.00713
-144.96	-166.17	0.00686	-143.54	-167.58	0.00661
-141.42	-169.71	0.00626	-137.89	-173.24	0.00574
-134.35	-176.78	0.00527	-127.28	-183.85	0.00449
-120.21	-190.92	0.00386	-113.14	-197.99	0.00335
-106.07	-205.06	0.00294	-98.99	-212.13	0.00260
-91.92	-219.20	0.00231	-84.85	-226.27	0.00207
-219.20	-77.78	0.00155	-212.13	-84.85	0.00174
-205.06	-91.92	0.00197	-197.99	-99.00	0.00225
-190.92	-106.07	0.00260	-183.85	-113.14	0.00303
-176.78	-120.21	0.00360	-169.71	-127.28	0.00442
-166.17	-130.81	0.00500	-162.63	-134.35	0.00579
-160.51	-136.47	0.00641	-159.10	-137.89	0.00689

-157.68	-139.30	0.00743	-156.27	-140.71	0.00804
-154.86	-142.13	0.00874	-142.13	-154.86	0.00815
-140.71	-156.27	0.00774	-139.30	-157.68	0.00740
-137.89	-159.10	0.00710	-136.47	-160.51	0.00682
-134.35	-162.63	0.00644	-130.81	-166.17	0.00589
-127.28	-169.71	0.00540	-120.21	-176.78	0.00458
-113.14	-183.85	0.00393	-106.07	-190.92	0.00341
-98.99	-197.99	0.00299	-91.92	-205.06	0.00263
-84.85	-212.13	0.00234	-77.78	-219.20	0.00209
-212.13	-70.71	0.00162	-205.06	-77.78	0.00183
-197.99	-84.85	0.00208	-190.92	-91.92	0.00240
-183.85	-98.99	0.00280	-176.78	-106.07	0.00333
-169.71	-113.14	0.00408	-162.63	-120.21	0.00525
-159.10	-123.74	0.00606	-155.56	-127.28	0.00705

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 125
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00773	-152.03	-130.81	0.00822
-150.61	-132.23	0.00874	-149.20	-133.64	0.00929
-147.79	-135.06	0.00993	-135.06	-147.79	0.00854
-133.64	-149.20	0.00808	-132.23	-150.61	0.00769
-130.81	-152.03	0.00735	-129.40	-153.44	0.00704
-127.28	-155.56	0.00663	-123.74	-159.10	0.00603
-120.21	-162.63	0.00551	-113.14	-169.71	0.00466
-106.07	-176.78	0.00400	-98.99	-183.85	0.00346
-91.92	-190.92	0.00302	-84.85	-197.99	0.00266
-77.78	-205.06	0.00236	-70.71	-212.13	0.00211
-205.06	-63.64	0.00170	-197.99	-70.71	0.00193
-190.92	-77.78	0.00222	-183.85	-84.85	0.00258
-176.78	-91.92	0.00306	-169.71	-98.99	0.00373
-162.63	-106.07	0.00469	-155.56	-113.14	0.00607
-152.03	-116.67	0.00693	-148.49	-120.21	0.00792
-146.37	-122.33	0.00857	-144.96	-123.74	0.00903
-143.54	-125.16	0.00953	-142.13	-126.57	0.01006
-140.71	-127.99	0.01066	-127.99	-140.71	0.00887
-126.57	-142.13	0.00837	-125.16	-143.54	0.00795
-123.74	-144.96	0.00759	-122.33	-146.37	0.00725

-120.21	-148.49	0.00681	-116.67	-152.03	0.00617
-113.14	-155.56	0.00562	-106.07	-162.63	0.00474
-98.99	-169.71	0.00405	-91.92	-176.78	0.00350
-84.85	-183.85	0.00305	-77.78	-190.92	0.00269
-70.71	-197.99	0.00238	-63.64	-205.06	0.00213
-197.99	-56.57	0.00179	-190.92	-63.64	0.00205
-183.85	-70.71	0.00238	-176.78	-77.78	0.00281
-169.71	-84.85	0.00339	-162.63	-91.92	0.00418
-155.56	-98.99	0.00525	-148.49	-106.07	0.00668
-144.96	-109.60	0.00753	-141.42	-113.14	0.00849
-139.30	-115.26	0.00913	-137.89	-116.67	0.00958
-136.47	-118.09	0.01006	-135.06	-119.50	0.01057
-133.64	-120.92	0.01115	-120.92	-133.64	0.00913
-119.50	-135.06	0.00861	-118.09	-136.47	0.00817
-116.67	-137.89	0.00778	-115.26	-139.30	0.00744
-113.14	-141.42	0.00697	-109.60	-144.96	0.00630
-106.07	-148.49	0.00573	-98.99	-155.56	0.00481
-91.92	-162.63	0.00409	-84.85	-169.71	0.00353
-77.78	-176.78	0.00308	-70.71	-183.85	0.00271
-63.64	-190.92	0.00240	-56.57	-197.99	0.00214

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 126
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00190	-183.85	-56.57	0.00219
-176.78	-63.64	0.00257	-169.71	-70.71	0.00306
-162.63	-77.78	0.00372	-155.56	-84.85	0.00458
-148.49	-91.92	0.00570	-141.42	-98.99	0.00712
-137.89	-102.53	0.00796	-134.35	-106.07	0.00890
-132.23	-108.19	0.00953	-130.81	-109.60	0.00997
-129.40	-111.02	0.01044	-127.99	-112.43	0.01094
-126.57	-113.84	0.01150	-113.84	-126.57	0.00934
-112.43	-127.99	0.00880	-111.02	-129.40	0.00835
-109.60	-130.81	0.00795	-108.19	-132.23	0.00759
-106.07	-134.35	0.00711	-102.53	-137.89	0.00641
-98.99	-141.42	0.00582	-91.92	-148.49	0.00487
-84.85	-155.56	0.00414	-77.78	-162.63	0.00356
-70.71	-169.71	0.00310	-63.64	-176.78	0.00272

-56.57	-183.85	0.00241	-49.50	-190.92	0.00214
-183.85	-42.43	0.00202	-176.78	-49.50	0.00235
-169.71	-56.57	0.00277	-162.63	-63.64	0.00331
-155.56	-70.71	0.00401	-148.49	-77.78	0.00490
-141.42	-84.85	0.00603	-134.35	-91.92	0.00744
-130.81	-95.46	0.00827	-127.28	-98.99	0.00921
-125.16	-101.12	0.00983	-123.74	-102.53	0.01026
-122.33	-103.94	0.01071	-120.92	-105.36	0.01120
-119.50	-106.77	0.01175	-106.77	-119.50	0.00951
-105.36	-120.92	0.00896	-103.94	-122.33	0.00849
-102.53	-123.74	0.00809	-101.12	-125.16	0.00772
-98.99	-127.28	0.00722	-95.46	-130.81	0.00651
-91.92	-134.35	0.00590	-84.85	-141.42	0.00493
-77.78	-148.49	0.00418	-70.71	-155.56	0.00359
-63.64	-162.63	0.00312	-56.57	-169.71	0.00273
-49.50	-176.78	0.00241	-42.43	-183.85	0.00215
-176.78	-35.36	0.00215	-169.71	-42.43	0.00251
-162.63	-49.50	0.00297	-155.56	-56.57	0.00354
-148.49	-63.64	0.00426	-141.42	-70.71	0.00516
-134.35	-77.78	0.00628	-127.28	-84.85	0.00768
-123.74	-88.39	0.00852	-120.21	-91.92	0.00945
-118.09	-94.05	0.01005	-116.67	-95.46	0.01048
-115.26	-96.87	0.01093	-113.84	-98.29	0.01141
-112.43	-99.70	0.01195	-99.70	-112.43	0.00965
-98.29	-113.84	0.00909	-96.87	-115.26	0.00861
-95.46	-116.67	0.00820	-94.05	-118.09	0.00782

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 127
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00731	-88.39	-123.74	0.00659
-84.85	-127.28	0.00597	-77.78	-134.35	0.00498
-70.71	-141.42	0.00421	-63.64	-148.49	0.00362
-56.57	-155.56	0.00314	-49.50	-162.63	0.00274
-42.43	-169.71	0.00242	-35.36	-176.78	0.00215
-169.71	-28.28	0.00228	-162.63	-35.36	0.00267
-155.56	-42.43	0.00314	-148.49	-49.50	0.00373
-141.42	-56.57	0.00446	-134.35	-63.64	0.00536

-127.28	-70.71	0.00648	-120.21	-77.78	0.00787
-116.67	-81.32	0.00871	-113.14	-84.85	0.00962
-111.02	-86.97	0.01022	-109.60	-88.39	0.01064
-108.19	-89.80	0.01108	-106.77	-91.22	0.01158
-105.36	-92.63	0.01213	-92.63	-105.36	0.00976
-91.22	-106.77	0.00920	-89.80	-108.19	0.00870
-88.39	-109.60	0.00828	-86.97	-111.02	0.00790
-84.85	-113.14	0.00739	-81.32	-116.67	0.00666
-77.78	-120.21	0.00603	-70.71	-127.28	0.00502
-63.64	-134.35	0.00425	-56.57	-141.42	0.00364
-49.50	-148.49	0.00315	-42.43	-155.56	0.00275
-35.36	-162.63	0.00242	-28.28	-169.71	0.00215
-162.63	-21.21	0.00241	-155.56	-28.28	0.00281
-148.49	-35.36	0.00330	-141.42	-42.43	0.00389
-134.35	-49.50	0.00463	-127.28	-56.57	0.00553
-120.21	-63.64	0.00664	-113.14	-70.71	0.00803
-109.60	-74.25	0.00885	-106.07	-77.78	0.00976
-103.94	-79.90	0.01036	-102.53	-81.32	0.01077
-101.12	-82.73	0.01121	-99.70	-84.15	0.01170
-98.29	-85.56	0.01225	-85.56	-98.29	0.00984
-84.15	-99.70	0.00928	-82.73	-101.12	0.00879
-81.32	-102.53	0.00836	-79.90	-103.94	0.00798
-77.78	-106.07	0.00746	-74.25	-109.60	0.00671
-70.71	-113.14	0.00608	-63.64	-120.21	0.00506
-56.57	-127.28	0.00427	-49.50	-134.35	0.00365
-42.43	-141.42	0.00316	-35.36	-148.49	0.00276
-28.28	-155.56	0.00242	-21.21	-162.63	0.00215
-155.56	-14.14	0.00252	-148.49	-21.21	0.00293
-141.42	-28.28	0.00343	-134.35	-35.36	0.00403
-127.28	-42.43	0.00476	-120.21	-49.50	0.00566
-113.14	-56.57	0.00677	-106.07	-63.64	0.00816
-102.53	-67.18	0.00897	-98.99	-70.71	0.00987

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 128
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.01046	-95.46	-74.25	0.01088
-94.05	-75.66	0.01131	-92.63	-77.07	0.01179

-91.22	-78.49	0.01233	-78.49	-91.22	0.00990
-77.07	-92.63	0.00933	-75.66	-94.05	0.00885
-74.25	-95.46	0.00842	-72.83	-96.87	0.00803
-70.71	-98.99	0.00751	-67.18	-102.53	0.00676
-63.64	-106.07	0.00612	-56.57	-113.14	0.00509
-49.50	-120.21	0.00429	-42.43	-127.28	0.00367
-35.36	-134.35	0.00317	-28.28	-141.42	0.00276
-21.21	-148.49	0.00242	-14.14	-155.56	0.00214
-148.49	-7.07	0.00262	-141.42	-14.14	0.00303
-134.35	-21.21	0.00353	-127.28	-28.28	0.00413
-120.21	-35.36	0.00487	-113.14	-42.43	0.00576
-106.07	-49.50	0.00687	-98.99	-56.57	0.00825
-95.46	-60.10	0.00906	-91.92	-63.64	0.00996
-89.80	-65.76	0.01054	-88.39	-67.18	0.01096
-86.97	-68.59	0.01139	-85.56	-70.00	0.01186
-84.15	-71.42	0.01240	-71.42	-84.15	0.00995
-70.00	-85.56	0.00938	-68.59	-86.97	0.00890
-67.18	-88.39	0.00847	-65.76	-89.80	0.00808
-63.64	-91.92	0.00755	-60.10	-95.46	0.00679
-56.57	-98.99	0.00615	-49.50	-106.07	0.00511
-42.43	-113.14	0.00431	-35.36	-120.21	0.00368
-28.28	-127.28	0.00317	-21.21	-134.35	0.00276
-14.14	-141.42	0.00242	-7.07	-148.49	0.00214
-141.42	0.00	0.00270	-134.35	-7.07	0.00312
-127.28	-14.14	0.00362	-120.21	-21.21	0.00422
-113.14	-28.28	0.00495	-106.07	-35.36	0.00585
-98.99	-42.43	0.00696	-91.92	-49.50	0.00833
-88.39	-53.03	0.00913	-84.85	-56.57	0.01003
-82.73	-58.69	0.01061	-81.32	-60.10	0.01102
-79.90	-61.52	0.01145	-78.49	-62.93	0.01192
-77.07	-64.35	0.01245	-64.35	-77.07	0.00999
-62.93	-78.49	0.00942	-61.52	-79.90	0.00894
-60.10	-81.32	0.00850	-58.69	-82.73	0.00811
-56.57	-84.85	0.00758	-53.03	-88.39	0.00682
-49.50	-91.92	0.00617	-42.43	-98.99	0.00513
-35.36	-106.07	0.00432	-28.28	-113.14	0.00368
-21.21	-120.21	0.00317	-14.14	-127.28	0.00276
-7.07	-134.35	0.00242	0.00	-141.42	0.00213

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 129
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00278	-127.28	0.00	0.00320
-120.21	-7.07	0.00370	-113.14	-14.14	0.00430
-106.07	-21.21	0.00503	-98.99	-28.28	0.00592
-91.92	-35.36	0.00702	-84.85	-42.43	0.00839
-81.32	-45.96	0.00919	-77.78	-49.50	0.01008
-75.66	-51.62	0.01065	-74.25	-53.03	0.01107
-72.83	-54.45	0.01150	-71.42	-55.86	0.01197
-70.00	-57.28	0.01249	-57.28	-70.00	0.01003
-55.86	-71.42	0.00945	-54.45	-72.83	0.00897
-53.03	-74.25	0.00853	-51.62	-75.66	0.00814
-49.50	-77.78	0.00761	-45.96	-81.32	0.00684
-42.43	-84.85	0.00619	-35.36	-91.92	0.00514
-28.28	-98.99	0.00433	-21.21	-106.07	0.00369
-14.14	-113.14	0.00317	-7.07	-120.21	0.00275
0.00	-127.28	0.00241	7.07	-134.35	0.00212
-127.28	14.14	0.00284	-120.21	7.07	0.00326
-113.14	0.00	0.00376	-106.07	-7.07	0.00436
-98.99	-14.14	0.00509	-91.92	-21.21	0.00598
-84.85	-28.28	0.00708	-77.78	-35.36	0.00844
-74.25	-38.89	0.00923	-70.71	-42.43	0.01012
-68.59	-44.55	0.01070	-67.18	-45.96	0.01111
-65.76	-47.38	0.01154	-64.35	-48.79	0.01201
-62.93	-50.20	0.01253	-50.20	-62.93	0.01005
-48.79	-64.35	0.00948	-47.38	-65.76	0.00899
-45.96	-67.18	0.00855	-44.55	-68.59	0.00816
-42.43	-70.71	0.00763	-38.89	-74.25	0.00685
-35.36	-77.78	0.00620	-28.28	-84.85	0.00514
-21.21	-91.92	0.00433	-14.14	-98.99	0.00368
-7.07	-106.07	0.00317	0.00	-113.14	0.00275
7.07	-120.21	0.00240	14.14	-127.28	0.00211
-120.21	21.21	0.00289	-113.14	14.14	0.00331
-106.07	7.07	0.00381	-98.99	0.00	0.00441
-91.92	-7.07	0.00513	-84.85	-14.14	0.00602
-77.78	-21.21	0.00712	-70.71	-28.28	0.00847
-67.18	-31.82	0.00926	-63.64	-35.36	0.01015
-61.52	-37.48	0.01073	-60.10	-38.89	0.01114
-58.69	-40.31	0.01157	-57.28	-41.72	0.01203
-55.86	-43.13	0.01255	-43.13	-55.86	0.01008
-41.72	-57.28	0.00949	-40.31	-58.69	0.00901
-38.89	-60.10	0.00857	-37.48	-61.52	0.00817

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 130
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00764	-31.82	-67.18	0.00686
-28.28	-70.71	0.00620	-21.21	-77.78	0.00514
-14.14	-84.85	0.00433	-7.07	-91.92	0.00368
0.00	-98.99	0.00316	7.07	-106.07	0.00274
14.14	-113.14	0.00239	21.21	-120.21	0.00210
-113.14	28.28	0.00293	-106.07	21.21	0.00335
-98.99	14.14	0.00385	-91.92	7.07	0.00445
-84.85	0.00	0.00517	-77.78	-7.07	0.00606
-70.71	-14.14	0.00715	-63.64	-21.21	0.00849
-60.10	-24.75	0.00929	-56.57	-28.28	0.01018
-54.45	-30.41	0.01076	-53.03	-31.82	0.01116
-51.62	-33.23	0.01159	-50.20	-34.65	0.01206
-48.79	-36.06	0.01257	-36.06	-48.79	0.01009
-34.65	-50.20	0.00951	-33.23	-51.62	0.00901
-31.82	-53.03	0.00858	-30.41	-54.45	0.00818
-28.28	-56.57	0.00764	-24.75	-60.10	0.00687
-21.21	-63.64	0.00620	-14.14	-70.71	0.00514
-7.07	-77.78	0.00432	0.00	-84.85	0.00367
7.07	-91.92	0.00315	14.14	-98.99	0.00272
21.21	-106.07	0.00237	28.28	-113.14	0.00208
-106.07	35.36	0.00297	-98.99	28.28	0.00339
-91.92	21.21	0.00388	-84.85	14.14	0.00448
-77.78	7.07	0.00520	-70.71	0.00	0.00608
-63.64	-7.07	0.00717	-56.57	-14.14	0.00851
-53.03	-17.68	0.00931	-49.50	-21.21	0.01019
-47.38	-23.33	0.01076	-45.96	-24.75	0.01117
-44.55	-26.16	0.01160	-43.13	-27.58	0.01208
-41.72	-28.99	0.01261	-28.99	-41.72	0.01010
-27.58	-43.13	0.00952	-26.16	-44.55	0.00901
-24.75	-45.96	0.00857	-23.33	-47.38	0.00818
-21.21	-49.50	0.00764	-17.68	-53.03	0.00686
-14.14	-56.57	0.00620	-7.07	-63.64	0.00513
0.00	-70.71	0.00431	7.07	-77.78	0.00366
14.14	-84.85	0.00313	21.21	-91.92	0.00271

28.28	-98.99	0.00235	35.36	-106.07	0.00206
-98.99	42.43	0.00300	-91.92	35.36	0.00341
-84.85	28.28	0.00391	-77.78	21.21	0.00450
-70.71	14.14	0.00522	-63.64	7.07	0.00610
-56.57	0.00	0.00718	-49.50	-7.07	0.00853
-45.96	-10.61	0.00932	-42.43	-14.14	0.01020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 131
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.01077	-38.89	-17.68	0.01118
-37.48	-19.09	0.01160	-36.06	-20.51	0.01208
-34.65	-21.92	0.01261	-21.92	-34.65	0.01009
-20.51	-36.06	0.00951	-19.09	-37.48	0.00901
-17.68	-38.89	0.00857	-16.26	-40.31	0.00818
-14.14	-42.43	0.00763	-10.61	-45.96	0.00686
-7.07	-49.50	0.00619	0.00	-56.57	0.00512
7.07	-63.64	0.00429	14.14	-70.71	0.00364
21.21	-77.78	0.00311	28.28	-84.85	0.00269
35.36	-91.92	0.00233	42.43	-98.99	0.00204
-91.92	49.50	0.00302	-84.85	42.43	0.00343
-77.78	35.36	0.00392	-70.71	28.28	0.00452
-63.64	21.21	0.00523	-56.57	14.14	0.00611
-49.50	7.07	0.00720	-42.43	0.00	0.00854
-38.89	-3.54	0.00933	-35.36	-7.07	0.01020
-33.23	-9.19	0.01077	-31.82	-10.61	0.01118
-30.41	-12.02	0.01160	-28.99	-13.44	0.01207
-27.58	-14.85	0.01260	-14.85	-27.58	0.01008
-13.44	-28.99	0.00950	-12.02	-30.41	0.00900
-10.61	-31.82	0.00856	-9.19	-33.23	0.00817
-7.07	-35.36	0.00762	-3.54	-38.89	0.00684
0.00	-42.43	0.00618	7.07	-49.50	0.00510
14.14	-56.57	0.00427	21.21	-63.64	0.00362
28.28	-70.71	0.00309	35.36	-77.78	0.00266
42.43	-84.85	0.00231	49.50	-91.92	0.00202
-84.85	56.57	0.00303	-77.78	49.50	0.00345
-70.71	42.43	0.00394	-63.64	35.36	0.00453
-56.57	28.28	0.00524	-49.50	21.21	0.00612

-42.43	14.14	0.00720	-35.36	7.07	0.00854
-31.82	3.54	0.00932	-28.28	0.00	0.01019
-26.16	-2.12	0.01077	-24.75	-3.54	0.01117
-23.33	-4.95	0.01160	-21.92	-6.36	0.01205
-20.51	-7.78	0.01258	-7.78	-20.51	0.01005
-6.36	-21.92	0.00948	-4.95	-23.33	0.00899
-3.54	-24.75	0.00855	-2.12	-26.16	0.00815
0.00	-28.28	0.00761	3.54	-31.82	0.00683
7.07	-35.36	0.00616	14.14	-42.43	0.00508
21.21	-49.50	0.00425	28.28	-56.57	0.00359
35.36	-63.64	0.00306	42.43	-70.71	0.00264
49.50	-77.78	0.00228	56.57	-84.85	0.00199

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 132
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00305	-70.71	56.57	0.00345
-63.64	49.50	0.00394	-56.57	42.43	0.00453
-49.50	35.36	0.00524	-42.43	28.28	0.00612
-35.36	21.21	0.00719	-28.28	14.14	0.00853
-24.75	10.61	0.00931	-21.21	7.07	0.01018
-19.09	4.95	0.01075	-17.68	3.54	0.01115
-16.26	2.12	0.01158	-14.85	0.71	0.01204
-13.44	-0.71	0.01256	-0.71	-13.44	0.01003
0.71	-14.85	0.00946	2.12	-16.26	0.00897
3.54	-17.68	0.00852	4.95	-19.09	0.00813
7.07	-21.21	0.00759	10.61	-24.75	0.00680
14.14	-28.28	0.00614	21.21	-35.36	0.00506
28.28	-42.43	0.00422	35.36	-49.50	0.00356
42.43	-56.57	0.00303	49.50	-63.64	0.00260
56.57	-70.71	0.00225	63.64	-77.78	0.00196
-70.71	70.71	0.00305	-63.64	63.64	0.00346
-56.57	56.57	0.00394	-49.50	49.50	0.00453
-42.43	42.43	0.00524	-35.36	35.36	0.00611
-28.28	28.28	0.00718	-21.21	21.21	0.00852
-17.68	17.68	0.00930	-14.14	14.14	0.01016
-12.02	12.02	0.01073	-10.61	10.61	0.01113
-9.19	9.19	0.01156	-7.78	7.78	0.01202

-6.36	6.36	0.01254	6.36	-6.36	0.01001
7.78	-7.78	0.00943	9.19	-9.19	0.00894
10.61	-10.61	0.00850	12.02	-12.02	0.00810
14.14	-14.14	0.00756	17.68	-17.68	0.00677
21.21	-21.21	0.00611	28.28	-28.28	0.00502
35.36	-35.36	0.00419	42.43	-42.43	0.00353
49.50	-49.50	0.00300	56.57	-56.57	0.00257
63.64	-63.64	0.00222	70.71	-70.71	0.00193
-63.64	77.78	0.00305	-56.57	70.71	0.00346
-49.50	63.64	0.00394	-42.43	56.57	0.00452
-35.36	49.50	0.00523	-28.28	42.43	0.00610
-21.21	35.36	0.00717	-14.14	28.28	0.00850
-10.61	24.75	0.00927	-7.07	21.21	0.01014
-4.95	19.09	0.01071	-3.54	17.68	0.01111
-2.12	16.26	0.01154	-0.71	14.85	0.01199
0.71	13.44	0.01251	13.44	0.71	0.00998
14.85	-0.71	0.00940	16.26	-2.12	0.00891
17.68	-3.54	0.00847	19.09	-4.95	0.00807

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 133
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00753	24.75	-10.61	0.00674
28.28	-14.14	0.00607	35.36	-21.21	0.00499
42.43	-28.28	0.00415	49.50	-35.36	0.00349
56.57	-42.43	0.00296	63.64	-49.50	0.00253
70.71	-56.57	0.00218	77.78	-63.64	0.00189
-56.57	84.85	0.00305	-49.50	77.78	0.00345
-42.43	70.71	0.00393	-35.36	63.64	0.00451
-28.28	56.57	0.00522	-21.21	49.50	0.00608
-14.14	42.43	0.00715	-7.07	35.36	0.00847
-3.54	31.82	0.00924	0.00	28.28	0.01011
2.12	26.16	0.01068	3.54	24.75	0.01109
4.95	23.33	0.01151	6.36	21.92	0.01196
7.78	20.51	0.01248	20.51	7.78	0.00995
21.92	6.36	0.00936	23.33	4.95	0.00887
24.75	3.54	0.00843	26.16	2.12	0.00803
28.28	0.00	0.00749	31.82	-3.54	0.00670

35.36	-7.07	0.00603	42.43	-14.14	0.00494
49.50	-21.21	0.00411	56.57	-28.28	0.00345
63.64	-35.36	0.00292	70.71	-42.43	0.00249
77.78	-49.50	0.00214	84.85	-56.57	0.00185
-49.50	91.92	0.00305	-42.43	84.85	0.00344
-35.36	77.78	0.00392	-28.28	70.71	0.00449
-21.21	63.64	0.00520	-14.14	56.57	0.00606
-7.07	49.50	0.00712	0.00	42.43	0.00843
3.54	38.89	0.00921	7.07	35.36	0.01008
9.19	33.23	0.01065	10.61	31.82	0.01105
12.02	30.41	0.01147	13.44	28.99	0.01193
14.85	27.58	0.01244	27.58	14.85	0.00991
28.99	13.44	0.00933	30.41	12.02	0.00882
31.82	10.61	0.00838	33.23	9.19	0.00798
35.36	7.07	0.00744	38.89	3.54	0.00665
42.43	0.00	0.00598	49.50	-7.07	0.00490
56.57	-14.14	0.00406	63.64	-21.21	0.00340
70.71	-28.28	0.00287	77.78	-35.36	0.00244
84.85	-42.43	0.00209	91.92	-49.50	0.00181
-42.43	98.99	0.00304	-35.36	91.92	0.00343
-28.28	84.85	0.00390	-21.21	77.78	0.00447
-14.14	70.71	0.00517	-7.07	63.64	0.00603
0.00	56.57	0.00708	7.07	49.50	0.00839
10.61	45.96	0.00918	14.14	42.43	0.01004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 134
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.01060	17.68	38.89	0.01099
19.09	37.48	0.01142	20.51	36.06	0.01189
21.92	34.65	0.01242	34.65	21.92	0.00987
36.06	20.51	0.00928	37.48	19.09	0.00877
38.89	17.68	0.00833	40.31	16.26	0.00793
42.43	14.14	0.00739	45.96	10.61	0.00660
49.50	7.07	0.00593	56.57	0.00	0.00484
63.64	-7.07	0.00400	70.71	-14.14	0.00334
77.78	-21.21	0.00281	84.85	-28.28	0.00239
91.92	-35.36	0.00204	98.99	-42.43	0.00176

-35.36	106.07	0.00303	-28.28	98.99	0.00341
-21.21	91.92	0.00388	-14.14	84.85	0.00445
-7.07	77.78	0.00514	0.00	70.71	0.00599
7.07	63.64	0.00704	14.14	56.57	0.00835
17.68	53.03	0.00913	21.21	49.50	0.00999
23.33	47.38	0.01055	24.75	45.96	0.01095
26.16	44.55	0.01137	27.58	43.13	0.01184
28.99	41.72	0.01236	41.72	28.99	0.00980
43.13	27.58	0.00922	44.55	26.16	0.00871
45.96	24.75	0.00827	47.38	23.33	0.00787
49.50	21.21	0.00732	53.03	17.68	0.00654
56.57	14.14	0.00586	63.64	7.07	0.00478
70.71	0.00	0.00394	77.78	-7.07	0.00328
84.85	-14.14	0.00275	91.92	-21.21	0.00233
98.99	-28.28	0.00199	106.07	-35.36	0.00171
-28.28	113.14	0.00301	-21.21	106.07	0.00339
-14.14	98.99	0.00386	-7.07	91.92	0.00441
0.00	84.85	0.00510	7.07	77.78	0.00595
14.14	70.71	0.00700	21.21	63.64	0.00830
24.75	60.10	0.00907	28.28	56.57	0.00993
30.41	54.45	0.01049	31.82	53.03	0.01089
33.23	51.62	0.01131	34.65	50.20	0.01176
36.06	48.79	0.01229	48.79	36.06	0.00972
50.20	34.65	0.00914	51.62	33.23	0.00864
53.03	31.82	0.00820	54.45	30.41	0.00780
56.57	28.28	0.00725	60.10	24.75	0.00647
63.64	21.21	0.00579	70.71	14.14	0.00470
77.78	7.07	0.00387	84.85	0.00	0.00321
91.92	-7.07	0.00268	98.99	-14.14	0.00226
106.07	-21.21	0.00193	113.14	-28.28	0.00165

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 135
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00299	-14.14	113.14	0.00337
-7.07	106.07	0.00382	0.00	98.99	0.00438
7.07	91.92	0.00506	14.14	84.85	0.00590
21.21	77.78	0.00694	28.28	70.71	0.00824

31.82	67.18	0.00900	35.36	63.64	0.00986
37.48	61.52	0.01042	38.89	60.10	0.01082
40.31	58.69	0.01124	41.72	57.28	0.01168
43.13	55.86	0.01221	55.86	43.13	0.00964
57.28	41.72	0.00906	58.69	40.31	0.00856
60.10	38.89	0.00812	61.52	37.48	0.00772
63.64	35.36	0.00717	67.18	31.82	0.00638
70.71	28.28	0.00571	77.78	21.21	0.00462
84.85	14.14	0.00378	91.92	7.07	0.00313
98.99	0.00	0.00261	106.07	-7.07	0.00219
113.14	-14.14	0.00186	120.21	-21.21	0.00160
-14.14	127.28	0.00297	-7.07	120.21	0.00334
0.00	113.14	0.00379	7.07	106.07	0.00434
14.14	98.99	0.00501	21.21	91.92	0.00584
28.28	84.85	0.00688	35.36	77.78	0.00817
38.89	74.25	0.00893	42.43	70.71	0.00978
44.55	68.59	0.01034	45.96	67.18	0.01073
47.38	65.76	0.01115	48.79	64.35	0.01160
50.20	62.93	0.01211	62.93	50.20	0.00955
64.35	48.79	0.00897	65.76	47.38	0.00847
67.18	45.96	0.00803	68.59	44.55	0.00762
70.71	42.43	0.00708	74.25	38.89	0.00629
77.78	35.36	0.00562	84.85	28.28	0.00453
91.92	21.21	0.00369	98.99	14.14	0.00304
106.07	7.07	0.00253	113.14	0.00	0.00212
120.21	-7.07	0.00179	127.28	-14.14	0.00154
-7.07	134.35	0.00294	0.00	127.28	0.00331
7.07	120.21	0.00375	14.14	113.14	0.00429
21.21	106.07	0.00495	28.28	98.99	0.00578
35.36	91.92	0.00681	42.43	84.85	0.00809
45.96	81.32	0.00885	49.50	77.78	0.00969
51.62	75.66	0.01024	53.03	74.25	0.01064
54.45	72.83	0.01106	55.86	71.42	0.01151
57.28	70.00	0.01202	70.00	57.28	0.00944
71.42	55.86	0.00886	72.83	54.45	0.00836
74.25	53.03	0.00792	75.66	51.62	0.00752

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 136
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00697	81.32	45.96	0.00618
84.85	42.43	0.00551	91.92	35.36	0.00442
98.99	28.28	0.00359	106.07	21.21	0.00294
113.14	14.14	0.00243	120.21	7.07	0.00204
127.28	0.00	0.00172	134.35	-7.07	0.00147
0.00	141.42	0.00291	7.07	134.35	0.00328
14.14	127.28	0.00371	21.21	120.21	0.00424
28.28	113.14	0.00489	35.36	106.07	0.00570
42.43	98.99	0.00672	49.50	91.92	0.00800
53.03	88.39	0.00875	56.57	84.85	0.00959
58.69	82.73	0.01014	60.10	81.32	0.01053
61.52	79.90	0.01095	62.93	78.49	0.01140
64.35	77.07	0.01191	77.07	64.35	0.00933
78.49	62.93	0.00874	79.90	61.52	0.00824
81.32	60.10	0.00780	82.73	58.69	0.00740
84.85	56.57	0.00685	88.39	53.03	0.00606
91.92	49.50	0.00539	98.99	42.43	0.00430
106.07	35.36	0.00347	113.14	28.28	0.00283
120.21	21.21	0.00234	127.28	14.14	0.00195
134.35	7.07	0.00165	141.42	0.00	0.00141
7.07	148.49	0.00288	14.14	141.42	0.00324
21.21	134.35	0.00367	28.28	127.28	0.00418
35.36	120.21	0.00482	42.43	113.14	0.00562
49.50	106.07	0.00663	56.57	98.99	0.00789
60.10	95.46	0.00863	63.64	91.92	0.00948
65.76	89.80	0.01003	67.18	88.39	0.01042
68.59	86.97	0.01083	70.00	85.56	0.01127
71.42	84.15	0.01178	84.15	71.42	0.00919
85.56	70.00	0.00860	86.97	68.59	0.00810
88.39	67.18	0.00766	89.80	65.76	0.00725
91.92	63.64	0.00671	95.46	60.10	0.00591
98.99	56.57	0.00524	106.07	49.50	0.00416
113.14	42.43	0.00334	120.21	35.36	0.00271
127.28	28.28	0.00223	134.35	21.21	0.00186
141.42	14.14	0.00157	148.49	7.07	0.00134
14.14	155.56	0.00285	21.21	148.49	0.00320
28.28	141.42	0.00361	35.36	134.35	0.00412
42.43	127.28	0.00475	49.50	120.21	0.00553
56.57	113.14	0.00652	63.64	106.07	0.00776
67.18	102.53	0.00851	70.71	98.99	0.00934

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00989	74.25	95.46	0.01028
75.66	94.05	0.01068	77.07	92.63	0.01113
78.49	91.22	0.01163	91.22	78.49	0.00903
92.63	77.07	0.00844	94.05	75.66	0.00793
95.46	74.25	0.00749	96.87	72.83	0.00708
98.99	70.71	0.00654	102.53	67.18	0.00575
106.07	63.64	0.00507	113.14	56.57	0.00400
120.21	49.50	0.00319	127.28	42.43	0.00258
134.35	35.36	0.00211	141.42	28.28	0.00176
148.49	21.21	0.00149	155.56	14.14	0.00127
21.21	162.63	0.00281	28.28	155.56	0.00315
35.36	148.49	0.00356	42.43	141.42	0.00406
49.50	134.35	0.00467	56.57	127.28	0.00543
63.64	120.21	0.00640	70.71	113.14	0.00762
74.25	109.60	0.00837	77.78	106.07	0.00919
79.90	103.94	0.00972	81.32	102.53	0.01010
82.73	101.12	0.01051	84.15	99.70	0.01097
85.56	98.29	0.01148	98.29	85.56	0.00884
99.70	84.15	0.00825	101.12	82.73	0.00773
102.53	81.32	0.00729	103.94	79.90	0.00689
106.07	77.78	0.00634	109.60	74.25	0.00555
113.14	70.71	0.00488	120.21	63.64	0.00382
127.28	56.57	0.00302	134.35	49.50	0.00243
141.42	42.43	0.00199	148.49	35.36	0.00166
155.56	28.28	0.00140	162.63	21.21	0.00120
28.28	169.71	0.00277	35.36	162.63	0.00310
42.43	155.56	0.00350	49.50	148.49	0.00399
56.57	141.42	0.00458	63.64	134.35	0.00532
70.71	127.28	0.00626	77.78	120.21	0.00747
81.32	116.67	0.00819	84.85	113.14	0.00900
86.97	111.02	0.00954	88.39	109.60	0.00991
89.80	108.19	0.01031	91.22	106.77	0.01076
92.63	105.36	0.01127	105.36	92.63	0.00860
106.77	91.22	0.00802	108.19	89.80	0.00751
109.60	88.39	0.00706	111.02	86.97	0.00665
113.14	84.85	0.00611	116.67	81.32	0.00532

120.21	77.78	0.00465	127.28	70.71	0.00360
134.35	63.64	0.00284	141.42	56.57	0.00228
148.49	49.50	0.00187	155.56	42.43	0.00155
162.63	35.36	0.00132	169.71	28.28	0.00113

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 138
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00274	42.43	169.71	0.00305
49.50	162.63	0.00344	56.57	155.56	0.00391
63.64	148.49	0.00449	70.71	141.42	0.00521
77.78	134.35	0.00612	84.85	127.28	0.00729
88.39	123.74	0.00800	91.92	120.21	0.00879
94.05	118.09	0.00932	95.46	116.67	0.00969
96.87	115.26	0.01008	98.29	113.84	0.01052
99.70	112.43	0.01101	112.43	99.70	0.00832
113.84	98.29	0.00773	115.26	96.87	0.00723
116.67	95.46	0.00678	118.09	94.05	0.00638
120.21	91.92	0.00583	123.74	88.39	0.00504
127.28	84.85	0.00438	134.35	77.78	0.00336
141.42	70.71	0.00264	148.49	63.64	0.00212
155.56	56.57	0.00174	162.63	49.50	0.00145
169.71	42.43	0.00123	176.78	35.36	0.00106
42.43	183.85	0.00270	49.50	176.78	0.00301
56.57	169.71	0.00338	63.64	162.63	0.00383
70.71	155.56	0.00439	77.78	148.49	0.00508
84.85	141.42	0.00596	91.92	134.35	0.00709
95.46	130.81	0.00777	98.99	127.28	0.00854
101.12	125.16	0.00906	102.53	123.74	0.00942
103.94	122.33	0.00981	105.36	120.92	0.01023
106.77	119.50	0.01072	119.50	106.77	0.00798
120.92	105.36	0.00739	122.33	103.94	0.00689
123.74	102.53	0.00644	125.16	101.12	0.00604
127.28	98.99	0.00549	130.81	95.46	0.00472
134.35	91.92	0.00407	141.42	84.85	0.00310
148.49	77.78	0.00242	155.56	70.71	0.00195
162.63	63.64	0.00160	169.71	56.57	0.00135
176.78	49.50	0.00115	183.85	42.43	0.00099

49.50	190.92	0.00266	56.57	183.85	0.00296
63.64	176.78	0.00332	70.71	169.71	0.00375
77.78	162.63	0.00428	84.85	155.56	0.00495
91.92	148.49	0.00579	98.99	141.42	0.00686
102.53	137.89	0.00751	106.07	134.35	0.00826
108.19	132.23	0.00875	109.60	130.81	0.00910
111.02	129.40	0.00948	112.43	127.99	0.00989
113.84	126.57	0.01036	126.57	113.84	0.00757
127.99	112.43	0.00698	129.40	111.02	0.00648
130.81	109.60	0.00603	132.23	108.19	0.00563

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 139
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00509	137.89	102.53	0.00433
141.42	98.99	0.00371	148.49	91.92	0.00281
155.56	84.85	0.00220	162.63	77.78	0.00178
169.71	70.71	0.00147	176.78	63.64	0.00124
183.85	56.57	0.00106	190.92	49.50	0.00092
56.57	197.99	0.00263	63.64	190.92	0.00292
70.71	183.85	0.00326	77.78	176.78	0.00367
84.85	169.71	0.00418	91.92	162.63	0.00481
98.99	155.56	0.00561	106.07	148.49	0.00662
109.60	144.96	0.00723	113.14	141.42	0.00793
115.26	139.30	0.00840	116.67	137.89	0.00873
118.09	136.47	0.00910	119.50	135.06	0.00950
120.92	133.64	0.00995	133.64	120.92	0.00707
135.06	119.50	0.00647	136.47	118.09	0.00597
137.89	116.67	0.00552	139.30	115.26	0.00512
141.42	113.14	0.00460	144.96	109.60	0.00387
148.49	106.07	0.00331	155.56	98.99	0.00251
162.63	91.92	0.00198	169.71	84.85	0.00162
176.78	77.78	0.00135	183.85	70.71	0.00114
190.92	63.64	0.00098	197.99	56.57	0.00086
63.64	205.06	0.00259	70.71	197.99	0.00287
77.78	190.92	0.00321	84.85	183.85	0.00360
91.92	176.78	0.00408	98.99	169.71	0.00468
106.07	162.63	0.00543	113.14	155.56	0.00637

116.67	152.03	0.00694	120.21	148.49	0.00757
122.33	146.37	0.00801	123.74	144.96	0.00832
125.16	143.54	0.00866	126.57	142.13	0.00903
127.99	140.71	0.00947	140.71	127.99	0.00644
142.13	126.57	0.00584	143.54	125.16	0.00535
144.96	123.74	0.00491	146.37	122.33	0.00452
148.49	120.21	0.00403	152.03	116.67	0.00338
155.56	113.14	0.00289	162.63	106.07	0.00221
169.71	98.99	0.00177	176.78	91.92	0.00146
183.85	84.85	0.00123	190.92	77.78	0.00105
197.99	70.71	0.00091	205.06	63.64	0.00080
70.71	212.13	0.00255	77.78	205.06	0.00283
84.85	197.99	0.00315	91.92	190.92	0.00353
98.99	183.85	0.00400	106.07	176.78	0.00456
113.14	169.71	0.00525	120.21	162.63	0.00612
123.74	159.10	0.00663	127.28	155.56	0.00721

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 140
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00760	130.81	152.03	0.00788
132.23	150.61	0.00817	133.64	149.20	0.00850
135.06	147.79	0.00890	147.79	135.06	0.00566
149.20	133.64	0.00507	150.61	132.23	0.00459
152.03	130.81	0.00418	153.44	129.40	0.00384
155.56	127.28	0.00341	159.10	123.74	0.00287
162.63	120.21	0.00248	169.71	113.14	0.00194
176.78	106.07	0.00158	183.85	98.99	0.00132
190.92	91.92	0.00112	197.99	84.85	0.00097
205.06	77.78	0.00085	212.13	70.71	0.00075
77.78	219.20	0.00251	84.85	212.13	0.00277
91.92	205.06	0.00308	98.99	197.99	0.00345
106.07	190.92	0.00390	113.14	183.85	0.00445
120.21	176.78	0.00511	127.28	169.71	0.00590
130.81	166.17	0.00636	134.35	162.63	0.00688
136.47	160.51	0.00720	137.89	159.10	0.00743
139.30	157.68	0.00767	140.71	156.27	0.00795
142.13	154.86	0.00828	154.86	142.13	0.00469

156.27	140.71	0.00415	157.68	139.30	0.00375
159.10	137.89	0.00342	160.51	136.47	0.00316
162.63	134.35	0.00284	166.17	130.81	0.00243
169.71	127.28	0.00214	176.78	120.21	0.00172
183.85	113.14	0.00142	190.92	106.07	0.00120
197.99	98.99	0.00103	205.06	91.92	0.00090
212.13	84.85	0.00079	219.20	77.78	0.00070
84.85	226.27	0.00245	91.92	219.20	0.00271
98.99	212.13	0.00301	106.07	205.06	0.00336
113.14	197.99	0.00379	120.21	190.92	0.00432
127.28	183.85	0.00495	134.35	176.78	0.00571
137.89	173.24	0.00615	141.42	169.71	0.00661
143.54	167.58	0.00688	144.96	166.17	0.00707
146.37	164.76	0.00726	147.79	163.34	0.00745
149.20	161.93	0.00767	161.93	149.20	0.00367
163.34	147.79	0.00332	164.76	146.37	0.00305
166.17	144.96	0.00284	167.58	143.54	0.00266
169.71	141.42	0.00243	173.24	137.89	0.00213
176.78	134.35	0.00189	183.85	127.28	0.00154
190.92	120.21	0.00129	197.99	113.14	0.00110
205.06	106.07	0.00095	212.13	98.99	0.00083
219.20	91.92	0.00073	226.27	84.85	0.00065

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 141
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00240	98.99	226.27	0.00264
106.07	219.20	0.00292	113.14	212.13	0.00326
120.21	205.06	0.00367	127.28	197.99	0.00416
134.35	190.92	0.00475	141.42	183.85	0.00546
144.96	180.31	0.00585	148.49	176.78	0.00625
150.61	174.66	0.00648	152.03	173.24	0.00661
153.44	171.83	0.00672	154.86	170.41	0.00679
156.27	169.00	0.00677	169.00	156.27	0.00315
170.41	154.86	0.00290	171.83	153.44	0.00270
173.24	152.03	0.00252	174.66	150.61	0.00237
176.78	148.49	0.00217	180.31	144.96	0.00191
183.85	141.42	0.00170	190.92	134.35	0.00139

197.99	127.28	0.00117	205.06	120.21	0.00100
212.13	113.14	0.00087	219.20	106.07	0.00077
226.27	98.99	0.00068	233.35	91.92	0.00061
98.99	240.42	0.00233	106.07	233.35	0.00256
113.14	226.27	0.00283	120.21	219.20	0.00314
127.28	212.13	0.00351	134.35	205.06	0.00395
141.42	197.99	0.00445	148.49	190.92	0.00498
152.03	187.38	0.00518	155.56	183.85	0.00526
157.68	181.73	0.00521	159.10	180.31	0.00513
160.51	178.90	0.00501	161.93	177.48	0.00487
163.34	176.07	0.00469	176.07	163.34	0.00274
177.48	161.93	0.00257	178.90	160.51	0.00242
180.31	159.10	0.00228	181.73	157.68	0.00215
183.85	155.56	0.00198	187.38	152.03	0.00175
190.92	148.49	0.00156	197.99	141.42	0.00129
205.06	134.35	0.00108	212.13	127.28	0.00093
219.20	120.21	0.00081	226.27	113.14	0.00072
233.35	106.07	0.00064	240.42	98.99	0.00057
106.07	247.49	0.00226	113.14	240.42	0.00247
120.21	233.35	0.00271	127.28	226.27	0.00299
134.35	219.20	0.00330	141.42	212.13	0.00365
148.49	205.06	0.00397	155.56	197.99	0.00414
159.10	194.45	0.00411	162.63	190.92	0.00399
164.76	188.80	0.00388	166.17	187.38	0.00379
167.58	185.97	0.00370	169.00	184.55	0.00359
170.41	183.14	0.00348	183.14	170.41	0.00234
184.55	169.00	0.00222	185.97	167.58	0.00211
187.38	166.17	0.00201	188.80	164.76	0.00192

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at NE/SW Bound Direction ***
17:43:25
**MODELOPTs:
PAGE 142
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00179	194.45	159.10	0.00160
197.99	155.56	0.00144	205.06	148.49	0.00120
212.13	141.42	0.00101	219.20	134.35	0.00087
226.27	127.28	0.00076	233.35	120.21	0.00067
240.42	113.14	0.00060	247.49	106.07	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00777 AT (	120.92, 133.64, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00768 AT (	113.84, 126.57, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT (	127.99, 140.71, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00735 AT (	135.06, 147.79, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00730 AT (	106.77, 119.50, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00726 AT (	119.50, 135.06, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00717 AT (	126.57, 142.13, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00714 AT (	112.43, 127.99, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00693 AT (	142.13, 154.86, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00692 AT (	133.64, 149.20, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00777 AT (	57.28, 70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00768 AT (	50.20, 62.93, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT (	64.35, 77.07, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00735 AT (	71.42, 84.15, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00730 AT (	43.13, 55.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00726 AT (	55.86, 71.42, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00717 AT (	62.93, 78.49, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00714 AT (	48.79, 64.35, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00693 AT (	78.49, 91.22, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00692 AT (	70.00, 85.56, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00777 AT (	-6.36, 6.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00768 AT (	-13.44, -0.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT (	0.71, 13.44, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00735 AT (	7.78, 20.51, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00730 AT (	-20.51, -7.78, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00726 AT (	-7.78, 7.78, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00717 AT (	-0.71, 14.85, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00714 AT (	-14.85, 0.71, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00693 AT (	14.85, 27.58, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00692 AT (	6.36, 21.92, 0.00, 1.20)	DC	NA

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00777 AT (	-70.00, -57.28, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00769 AT (	-77.07, -64.35, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT (	-62.93, -50.20, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00735 AT (	-55.86, -43.13, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00730 AT (	-84.15, -71.42, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00726 AT (	-71.42, -55.86, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00717 AT (	-64.35, -48.79, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00714 AT (	-78.49, -62.93, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00693 AT (	-48.79, -36.06, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00692 AT (	-57.28, -41.72, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00777 AT (	-133.64, -120.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00769 AT (	-140.71, -127.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT (	-126.57, -113.84, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00735 AT (	-119.50, -106.77, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00730 AT (	-147.79, -135.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00726 AT (	-135.06, -119.50, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00717 AT (	-127.99, -112.43, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00714 AT (	-142.13, -126.57, 0.00, 1.20)	DC	NA

```
         9TH HIGHEST VALUE IS       0.00693 AT (    -112.43,      -99.70,      0.00,      1.20)  DC      NA
        10TH HIGHEST VALUE IS       0.00692 AT (    -120.92,     -105.36,      0.00,      1.20)  DC      NA

 ALL     1ST HIGHEST VALUE IS       0.01261 AT (     -34.65,      -21.92,      0.00,      1.20)  DC      NA
         2ND HIGHEST VALUE IS       0.01261 AT (     -41.72,      -28.99,      0.00,      1.20)  DC      NA
         3RD HIGHEST VALUE IS       0.01260 AT (     -27.58,      -14.85,      0.00,      1.20)  DC      NA
         4TH HIGHEST VALUE IS       0.01258 AT (     -20.51,       -7.78,      0.00,      1.20)  DC      NA
         5TH HIGHEST VALUE IS       0.01257 AT (     -48.79,      -36.06,      0.00,      1.20)  DC      NA
         6TH HIGHEST VALUE IS       0.01256 AT (     -13.44,       -0.71,      0.00,      1.20)  DC      NA
         7TH HIGHEST VALUE IS       0.01255 AT (     -55.86,      -43.13,      0.00,      1.20)  DC      NA
         8TH HIGHEST VALUE IS       0.01254 AT (      -6.36,        6.36,      0.00,      1.20)  DC      NA
         9TH HIGHEST VALUE IS       0.01253 AT (     -62.93,      -50.20,      0.00,      1.20)  DC      NA
        10TH HIGHEST VALUE IS       0.01251 AT (       0.71,       13.44,      0.00,      1.20)  DC      NA


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
                       BD = BOUNDARY
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                          ***
      04/20/08
                                    ***  Maximum train overlap at NE/SW Bound Direction                       ***
      17:43:25
 **MODELOPTs:
      PAGE 145
 CONC                    URBAN FLAT  FLGPOL DFAULT


 *** Message Summary : ISCST3 Model Execution ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          162 Informational Message(s)

 A Total of          162 Calm Hours Identified


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


    ************************************
    *** ISCST3 Finishes Successfully ***
    ************************************
```