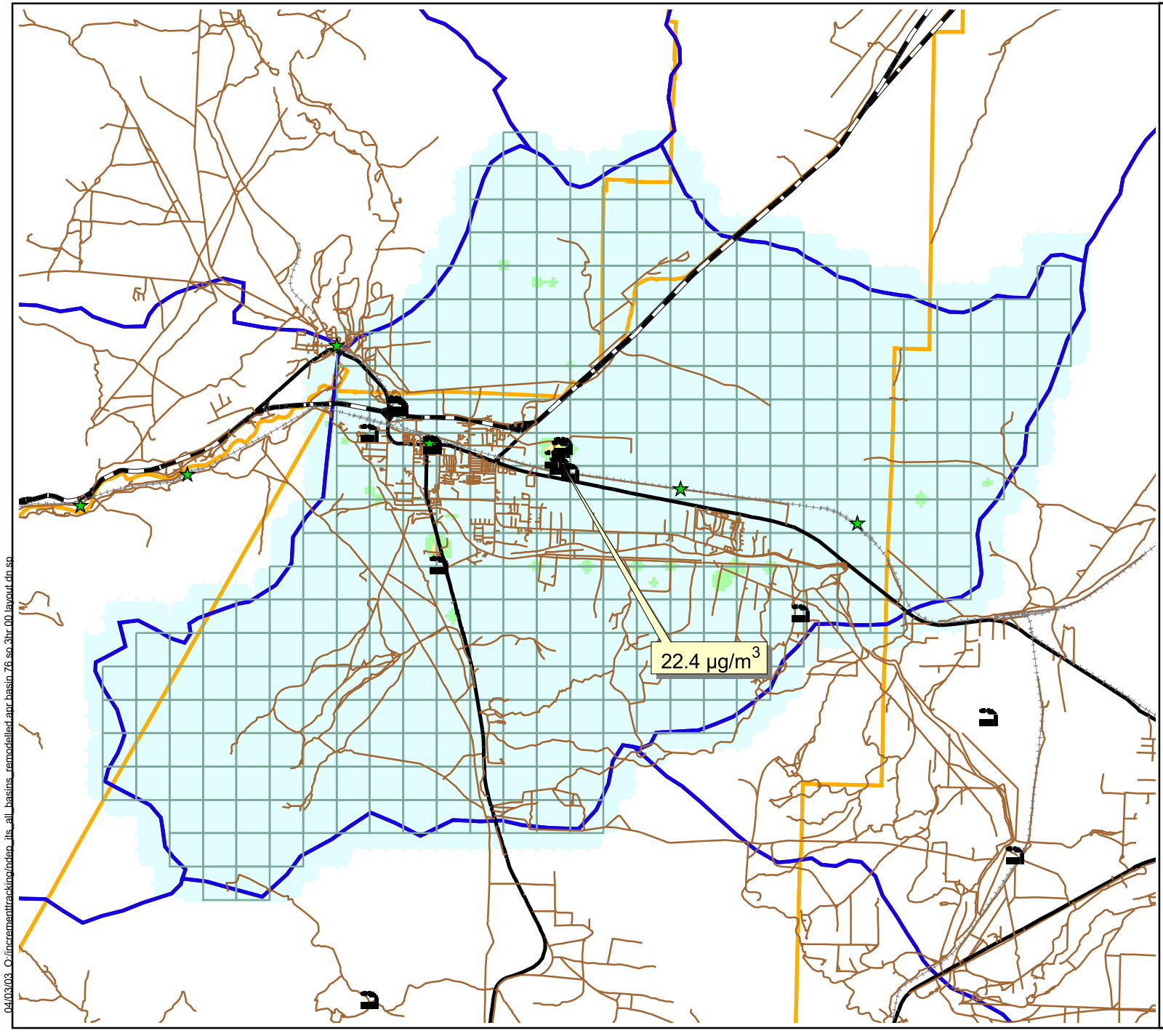
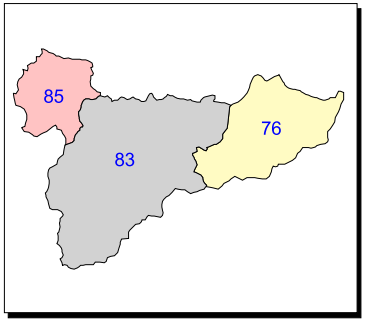
APPENDIX A
INCREMENT TRACKING SYSTEM

ITS FOR HA76, HA83, HA85, AND HA 64 TO BE INCLUDED IN FINAL REPORT FOR CLOVERS AREA

APPENDIX B
QUICK GUIDE FOR HA76, HA83, HA85, AND HA 64 ITS TO BE INCLUDED IN FINAL REPORT FOR CLOVERS AREA

APPENDIX C
INCREMENT TRACKING MAPS





Location Map

Legend

- 1 - 8 µg/m^3
- 8 - 15 µg/m^3
- 15 - 22.4 µg/m^3
- Populated Place
- Facility

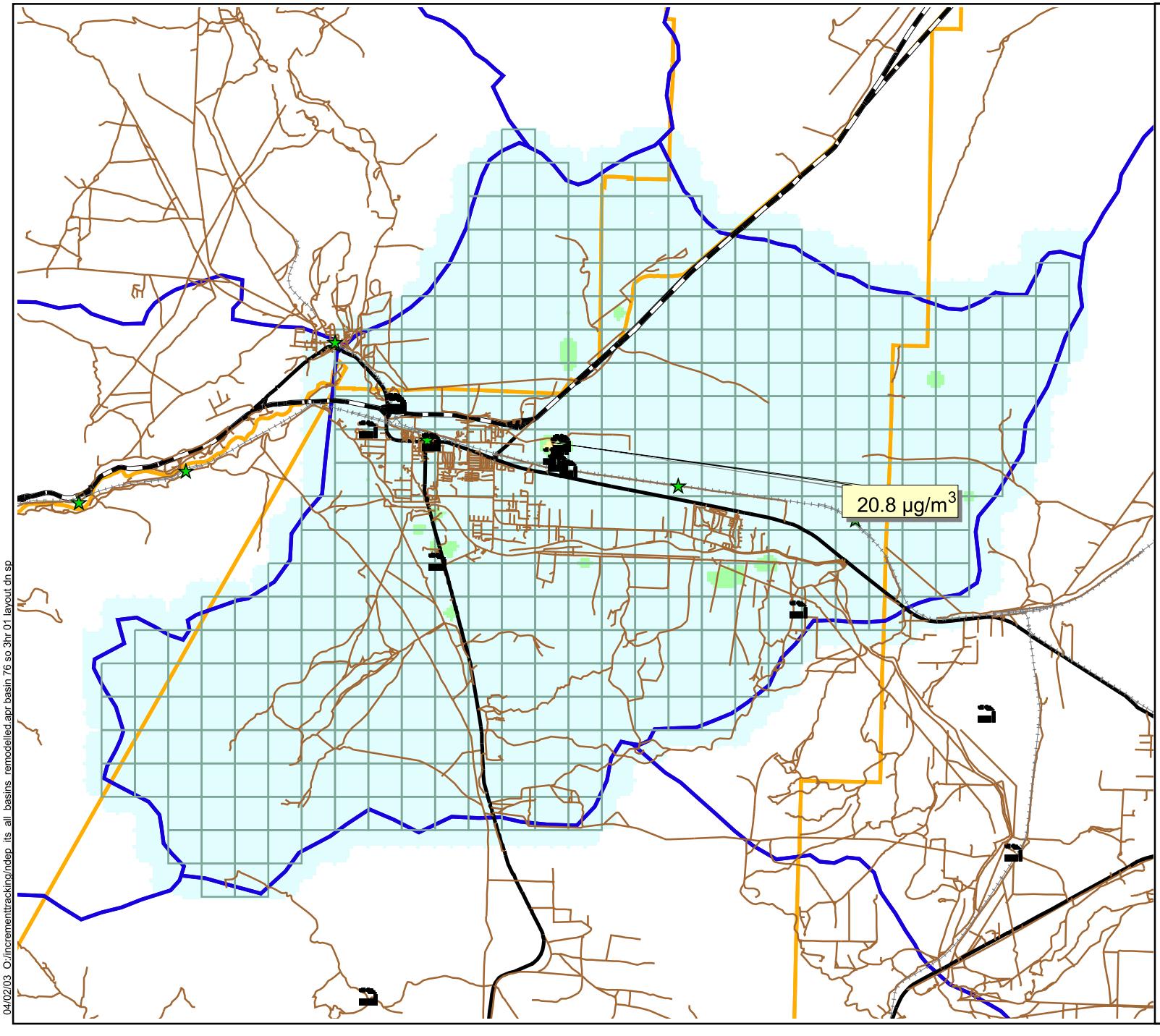
Scale

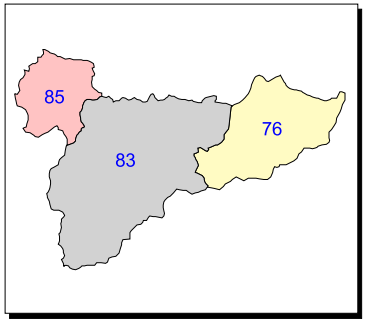
0 2 4 Miles

HA 76
High Second High
3-Hour SO_2 Increments
2000 Current/2000 Baseline
Meteorological Data
Paired in Time Analysis
Figure 4-1A

Nevada Division of
Environmental Protection
Increment Tracking System

04/03/03 Q:/incrementtracking/ndep_its_all_basins_remodelled/apr basin 76 so 3hr 00 layout dn sp





Location Map

Legend

- 1 - 8 µg/m^3
- 8 - 14 µg/m^3
- 14 - 20.75 µg/m^3
- Populated Place
- Facility

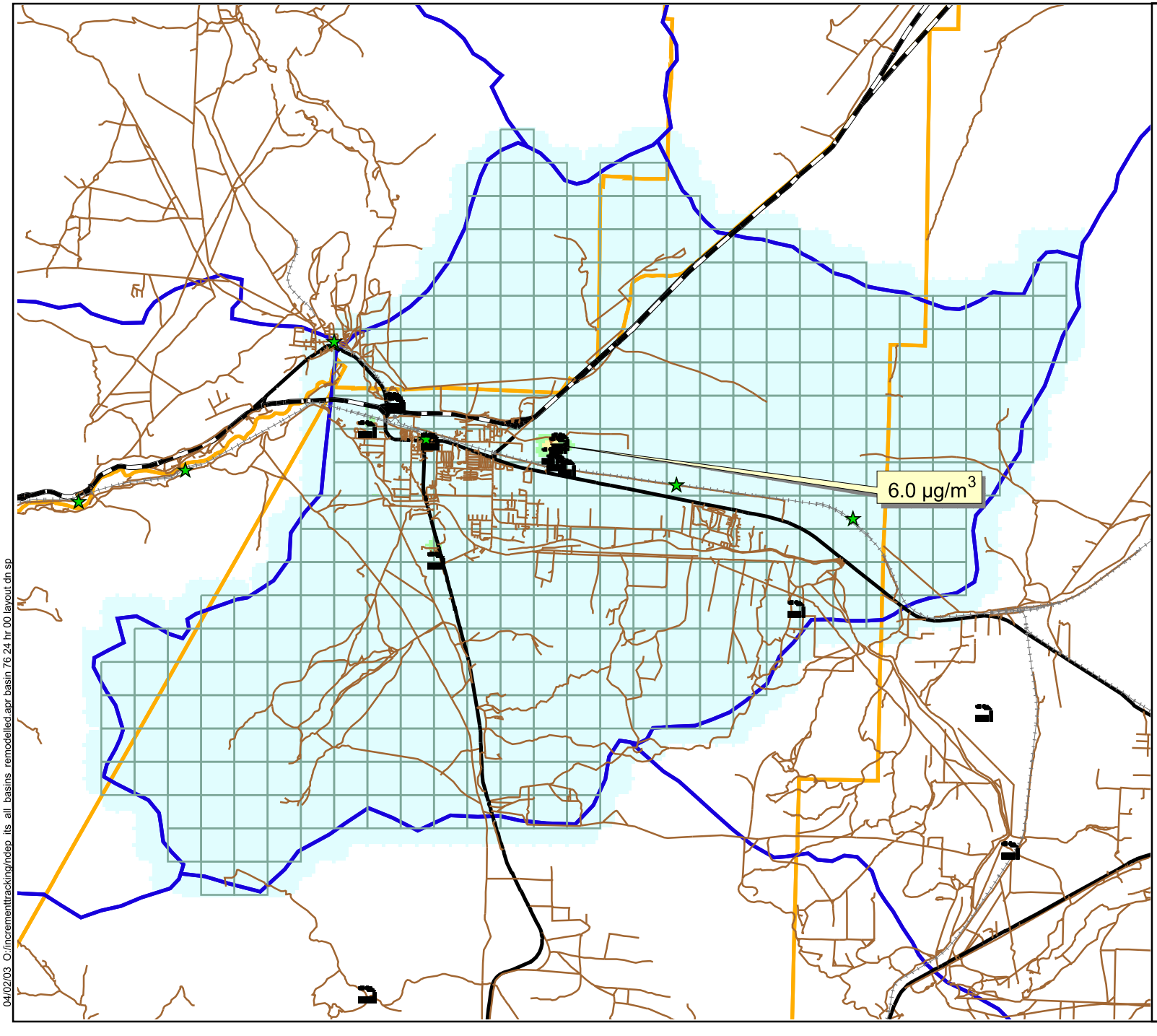
Scale

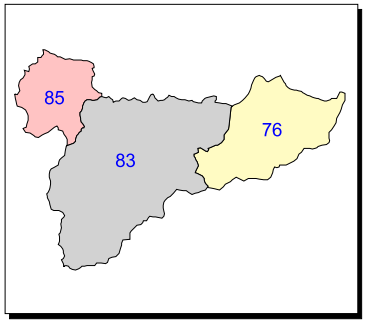
0 2 4 Miles

HA 76
High Second High
3-Hour SO_2 Increments
2001 Current/2001 Baseline
Meteorological Data
Paired in Time Analysis
Figure 4-1B

Nevada Division of
Environmental Protection
Increment Tracking System

04/02/03 O:/incrementtracking/ndep its all basins remodelled.apr basin 76 so 3hr 01 layout dn sp





Location Map

Legend

- 0 - 2 µg/m^3
- 2 - 4 µg/m^3
- 4 - 6 µg/m^3
- Populated Place
- Facility

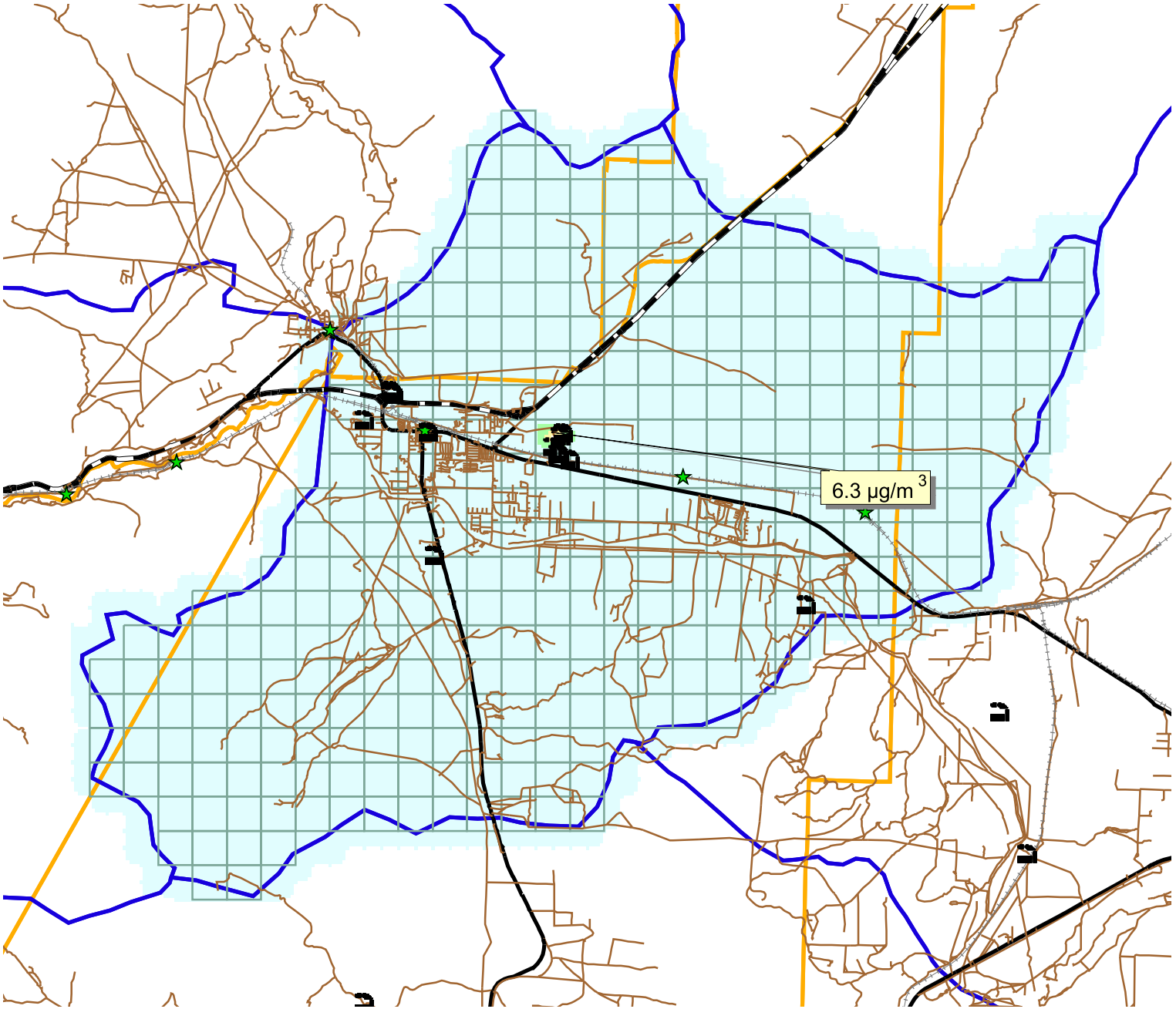
Scale

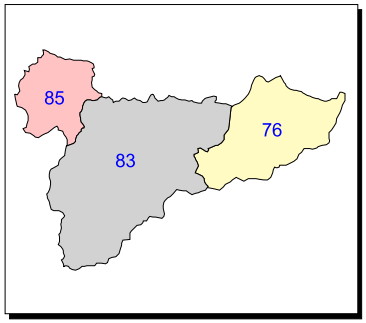
0 2 4 Miles

HA 76
High Second High
24-Hour SO_2 Increments
2000 Current/2000 Baseline
Meteorological Data
Paired in Time Analysis
Figure 4-2A

Nevada Division of
Environmental Protection
Increment Tracking System

04/02/03 O:/incrementtracking/ndep its all basins remodelled.apr basin 76 24 hr 00 layout dn sp





Location Map

Legend

- 0 - 2 µg/m^3
- 2 - 4 µg/m^3
- 4 - 6.3 µg/m^3
- Populated Place
- Facility

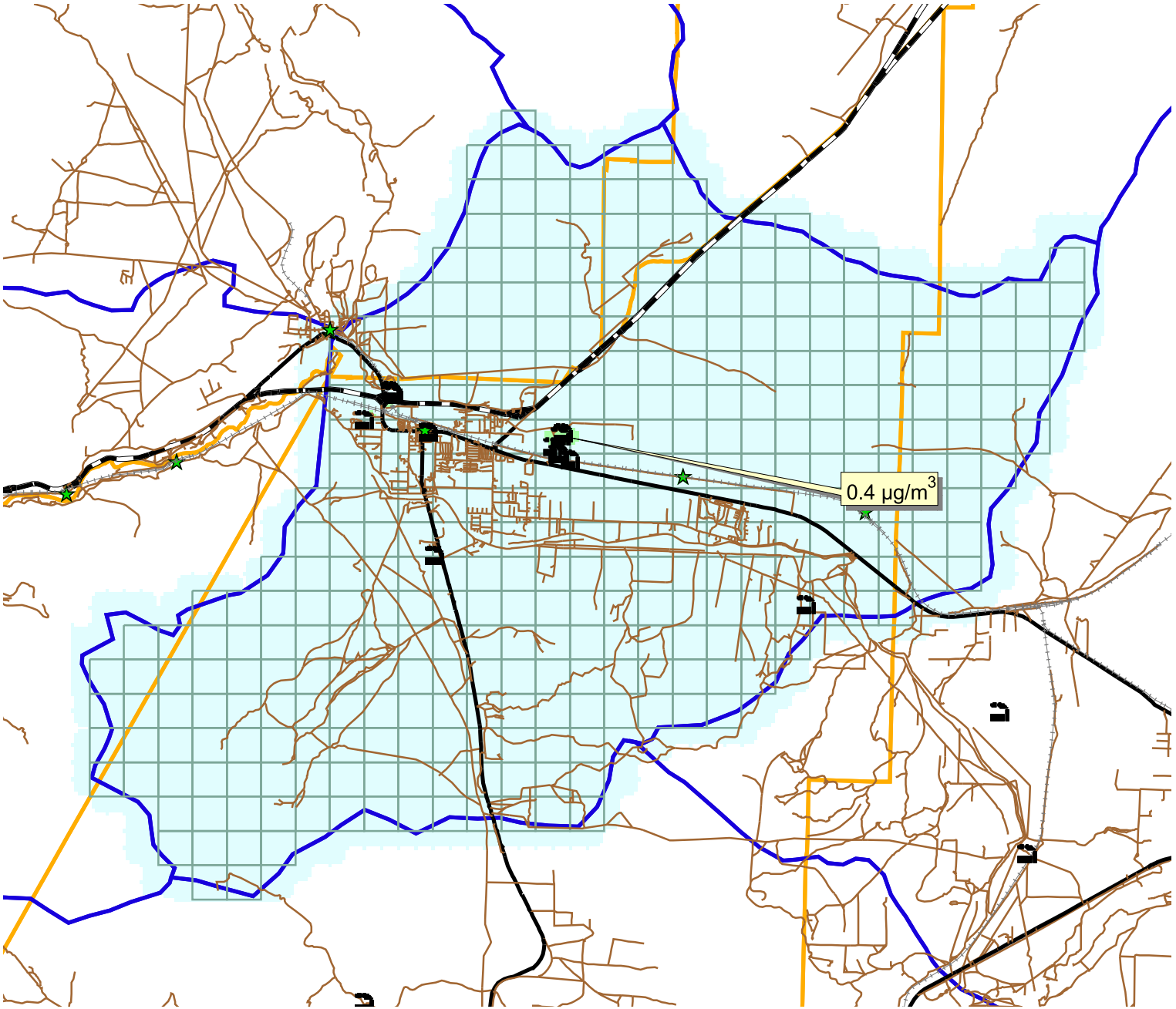
Scale

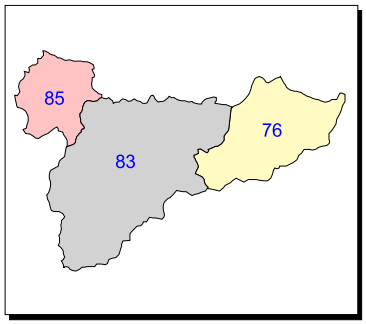
0 1 2 3 4 Miles

HA 76
High Second High
24-Hour SO_2 Increments
2001 Current/2001 Baseline
Meteorological Data
Paired in Time Analysis
Figure 4-2B

Nevada Division of
Environmental Protection
Increment Tracking System

04/03/03 O:/incrementtracking/ndep its all basins remodelled.apr basin 76 so 24hr 01 layout dn sp





Location Map

Legend

-9 - 0 µg/m^3

0 - 0.4 µg/m^3

Populated Place

Facility

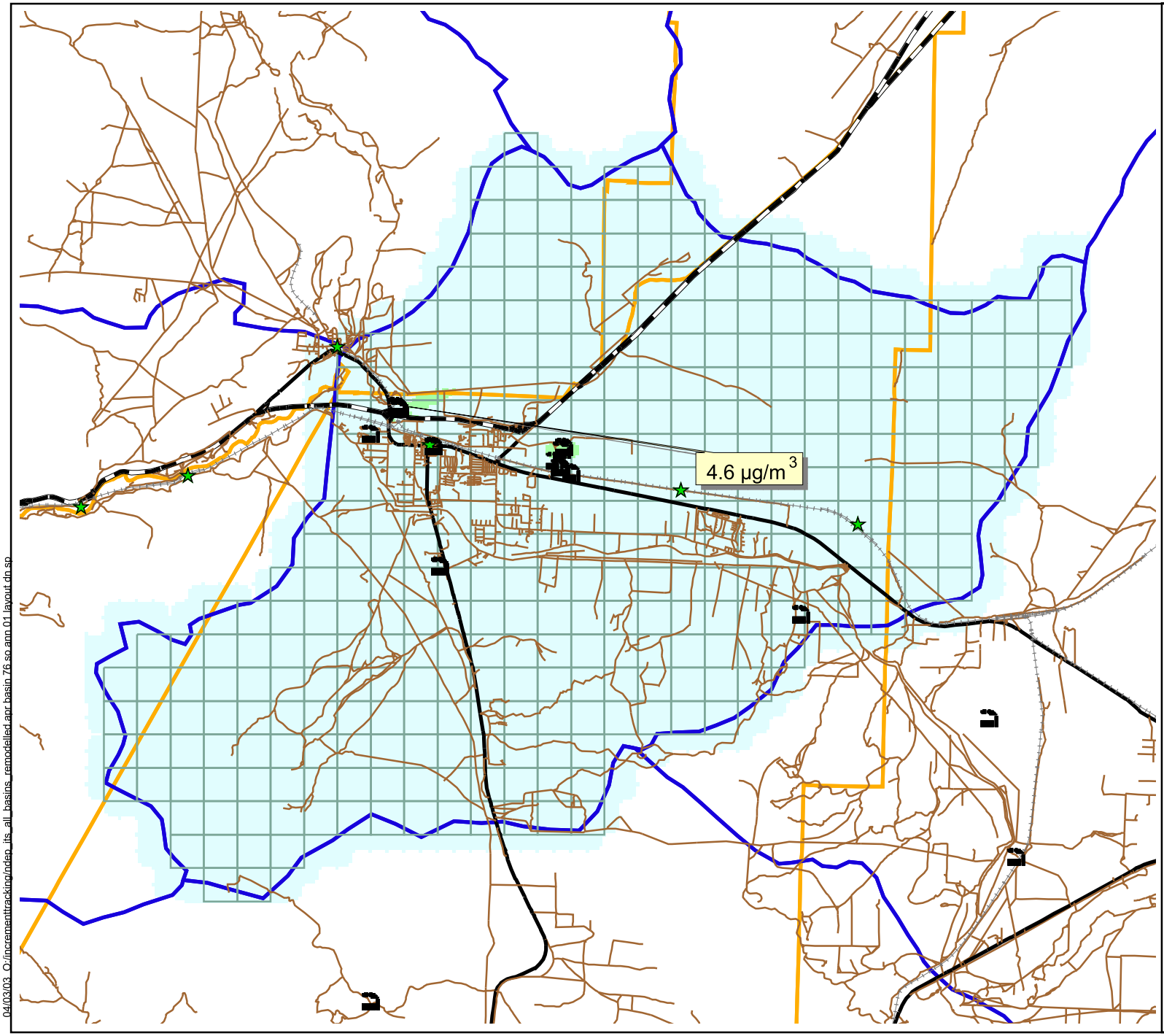
Scale

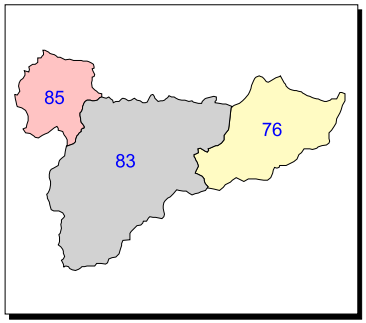
0 2 4 Miles

HA 76
Maximum
Annual SO_2 Increments
2000 Current/2000 Baseline
Meteorological Data
Paired in Time Analysis
Figure 4-3A

Nevada Division of
Environmental Protection
Increment Tracking System

04/02/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr basin 76 so ann 00 layout dn sp





Location Map

Legend

- -5 - 0 µg/m^3
- 0 - 2 µg/m^3
- 2 - 4.6 µg/m^3
- Populated Place
- Facility

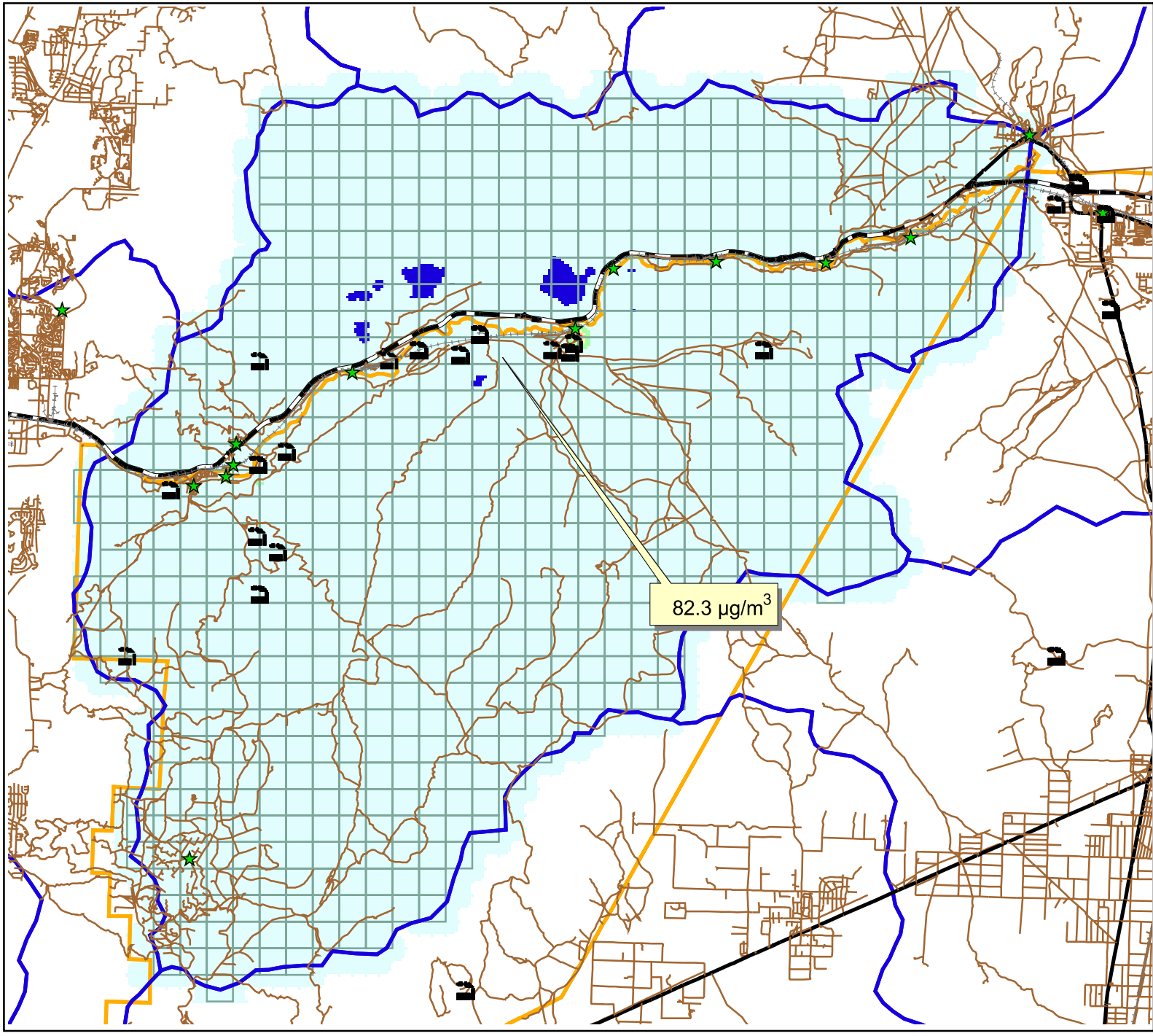
Scale

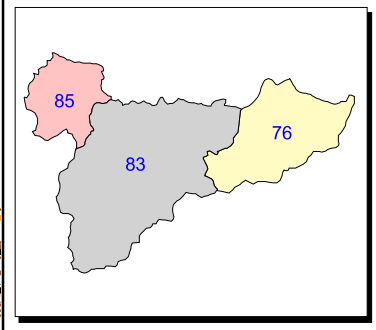
0 2 4 Miles

HA 76
Maximum
Annual SO_2 Increments
2001 Current/2001 Baseline
Meteorological Data
Paired in Time Analysis
Figure 4-3B

Nevada Division of
Environmental Protection
Increment Tracking System

04/03/03 Q:/incrementtracking/ndep_its_all_basins_remodelled apr basin 76 so ann 01 layout ds.sp





Location Map

Legend

- -2167 - -1000 µg/m^3
- -1000 - 0 µg/m^3
- 0 - 250 µg/m^3
- 250 - 512 µg/m^3
- 512 - 750 µg/m^3
- 750 - 825.6 µg/m^3
- Populated Place
- Facility

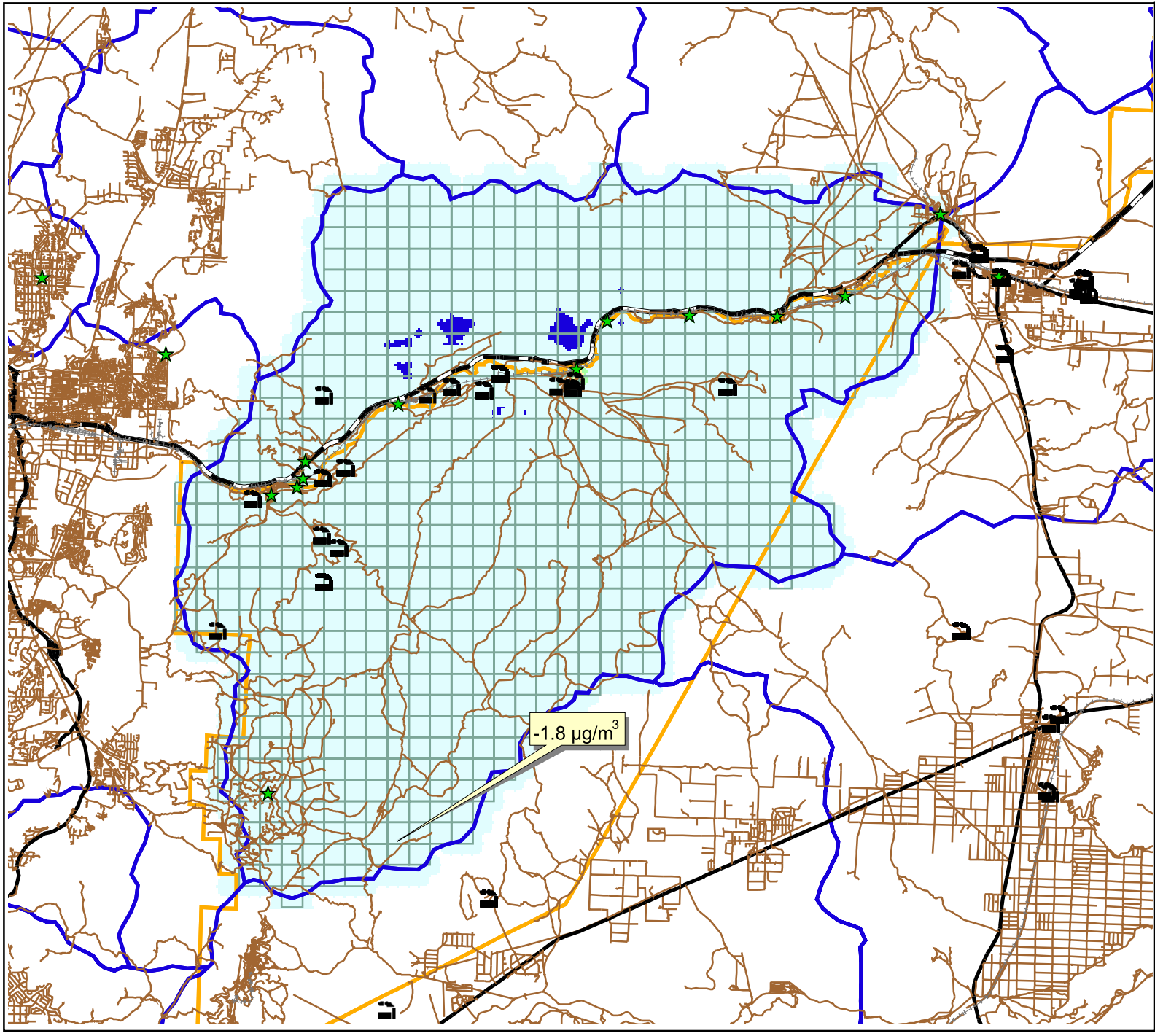
Scale

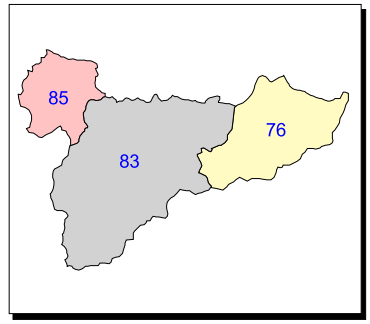
0 2 4 Miles

HA 83 Study
High Second High
3-Hour SO_2 Increments
2000 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-4A

Nevada Division of
Environmental Protection
Increment Tracking System

04/17/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee so2 3hr 00 update layout dn sp





Location Map

Legend

- -2207 - -1000 µg/m^3
- -1000 - 0 µg/m^3
- 0 - 250 µg/m^3
- 250 - 512 µg/m^3
- 512 - 700 µg/m^3
- 700 - 716.1 µg/m^3
- Populated Place
- Facility

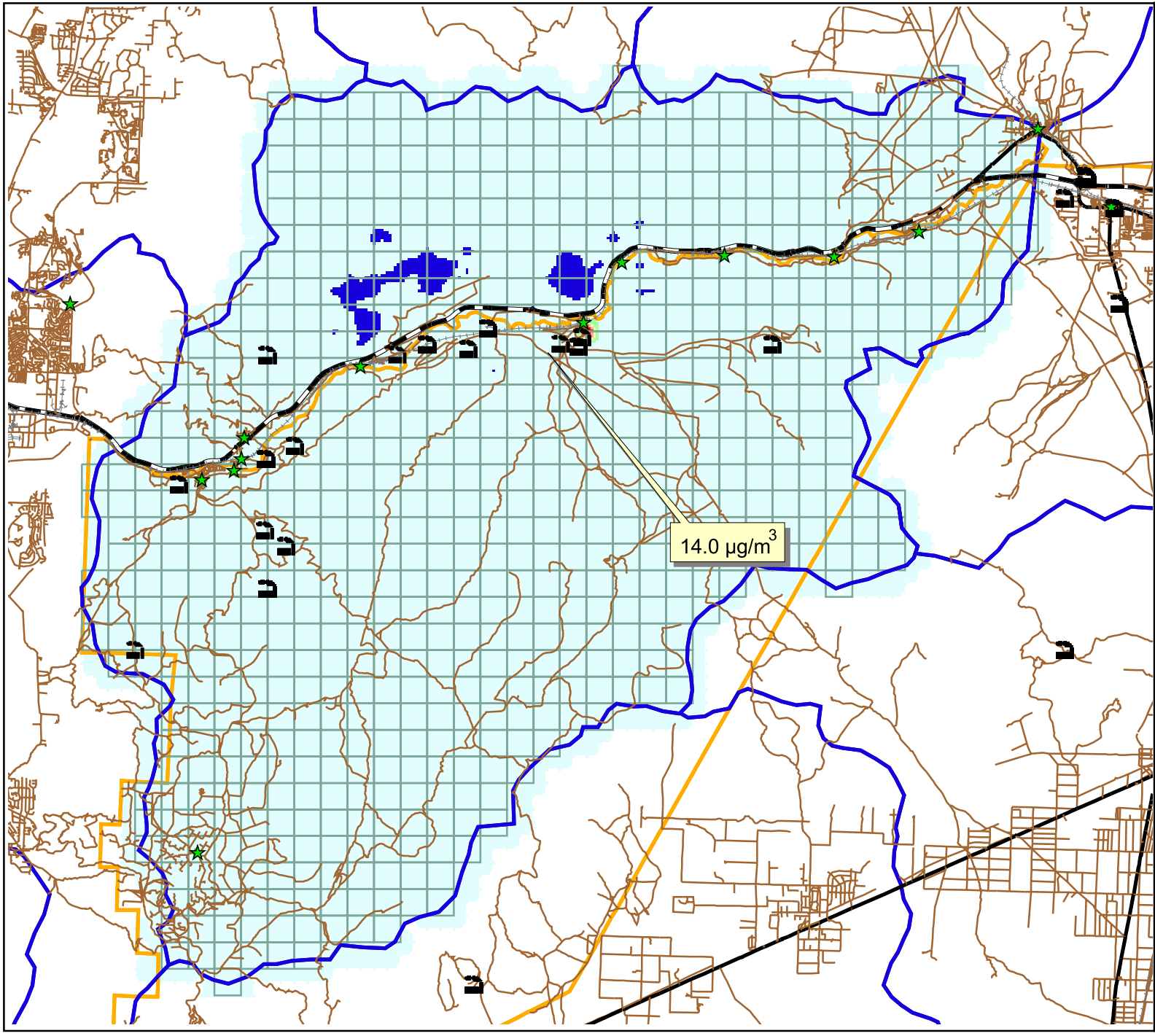
Scale

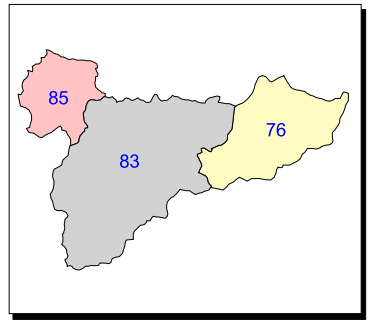
0 2 4 Miles

HA 83 Study
High Second High
3-Hour SO_2 Increments
2001 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-4B

Nevada Division of
Environmental Protection
Increment Tracking System

04/17/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee so2 3hr 01 update layout dn sp





Location Map

Legend

- -491 - -200 µg/m^3
- -200 - 0 µg/m^3
- 0 - 50 µg/m^3
- 50 - 91 µg/m^3
- 91 - 175 µg/m^3
- 175 - 268 µg/m^3
- Populated Place
- Facility

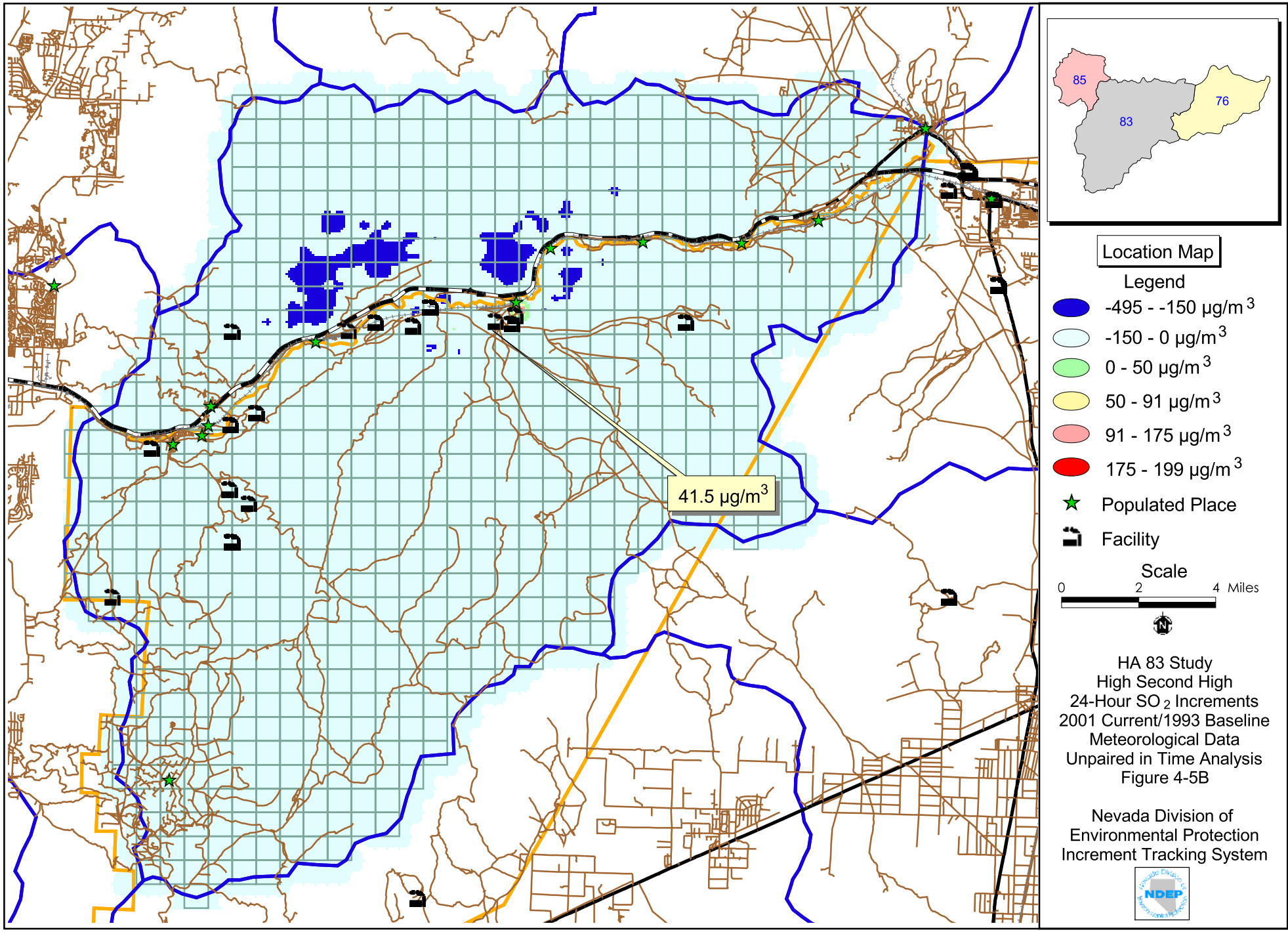
Scale

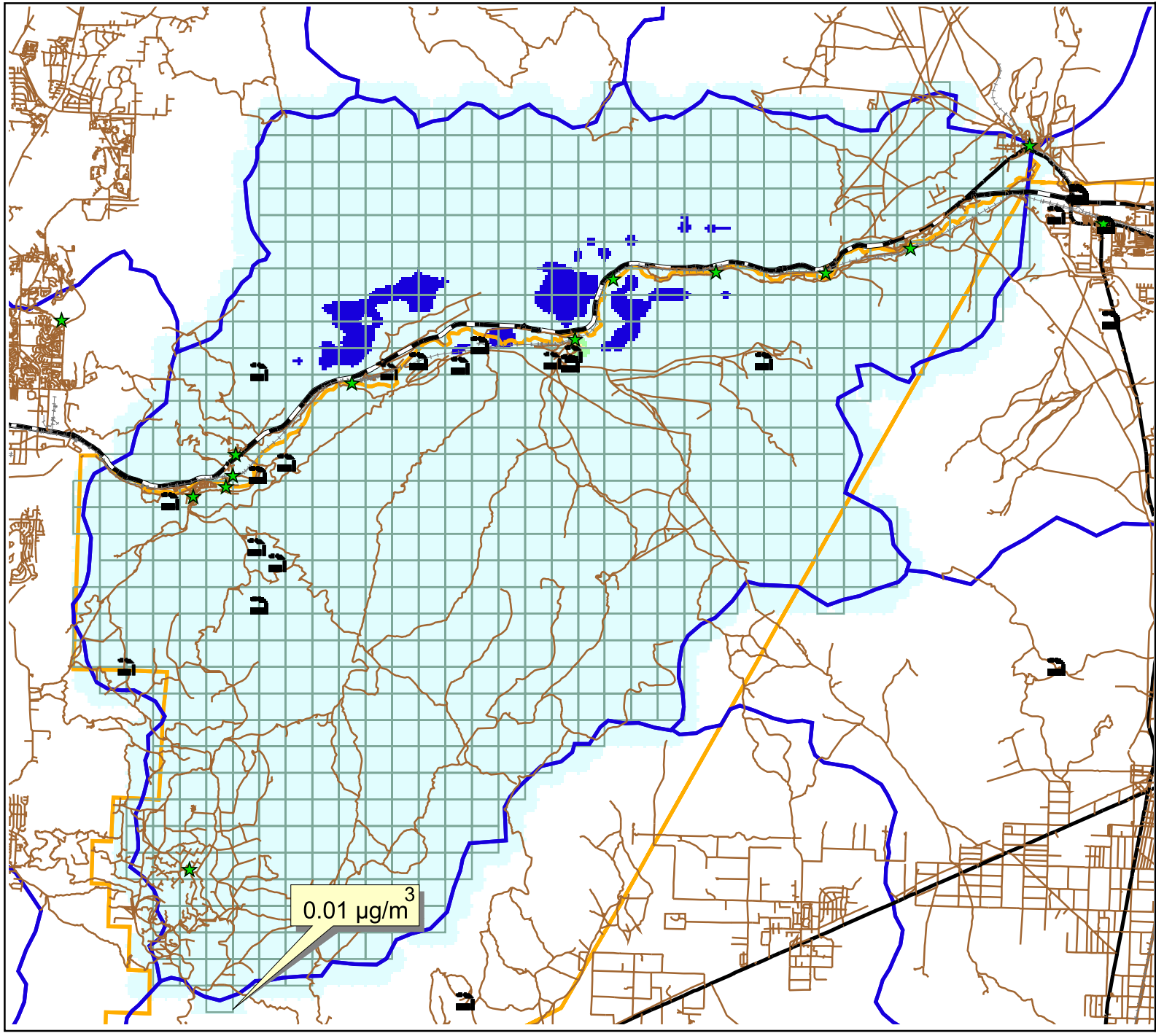
0 2 4 Miles

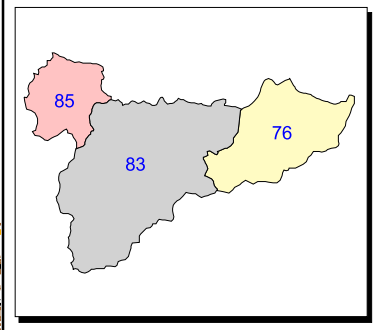
HA 83 Study
High Second High
24-Hour SO_2 Increments
2000 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-5A

Nevada Division of
Environmental Protection
Increment Tracking System

04/16/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee so2 24hr 00 update layout dn sp


41.5 µg/m3
85
83
76
Location Map
Legend
-495 - -150 µg/m3
-150 - 0 µg/m3
0 - 50 µg/m3
50 - 91 µg/m3
91 - 175 µg/m3
175 - 199 µg/m3
Populated Place
Facility
Scale
0
2
4 Miles
N
HA 83 Study
High Second High
24-Hour SO2 Increments
2001 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-5B
Nevada Division of
Environmental Protection
Increment Tracking System
NDEP
04/16/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee so2 24hr 01 update layout dn sp





Location Map

Legend

- -71 - -20 µg/m3
- -20 - 0 µg/m3
- 0 - 10 µg/m3
- 10 - 20 µg/m3
- 20 - 22.5 µg/m3
- Populated Place
- Facility

Scale

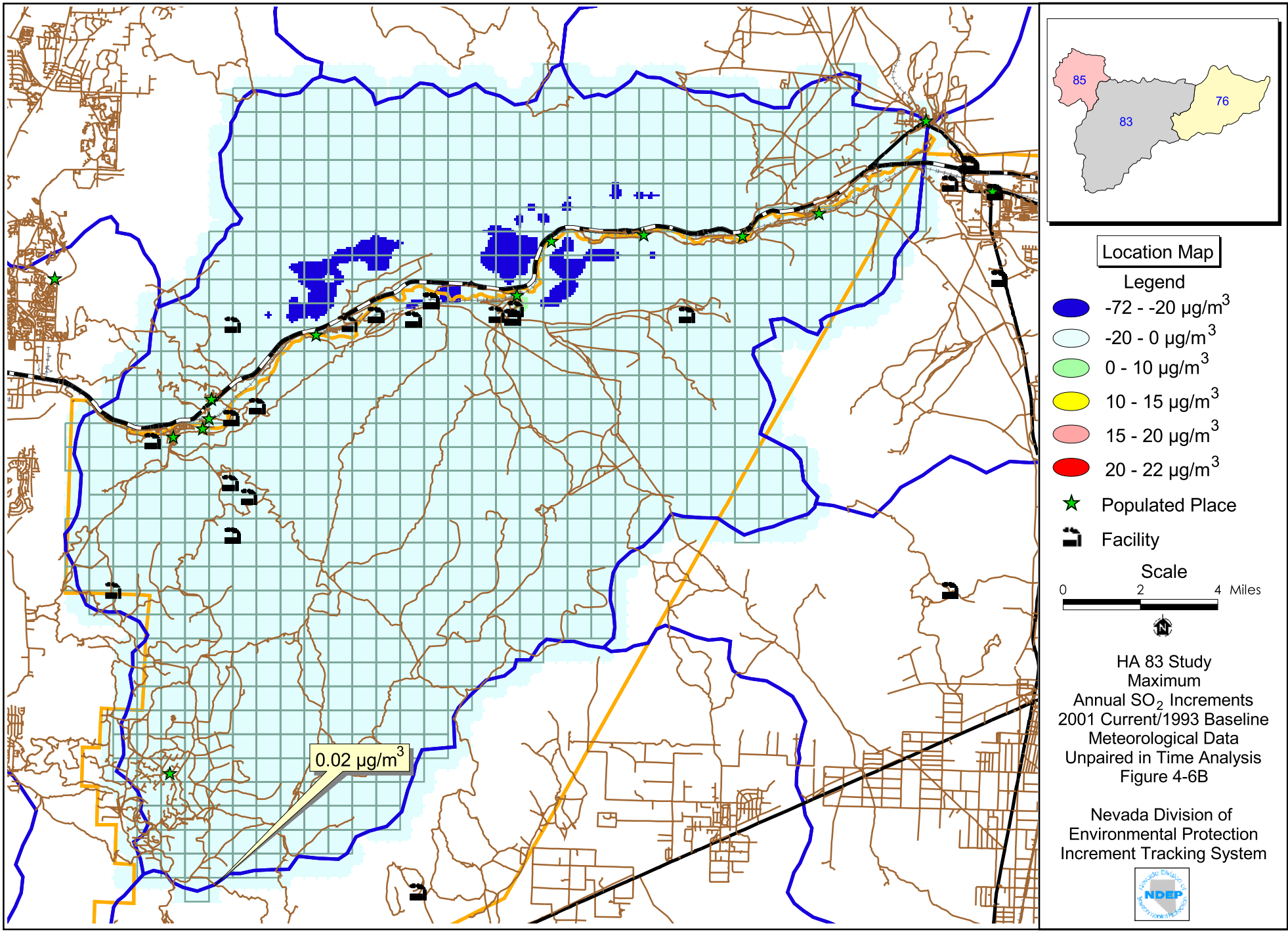
0 2 4 Miles

N

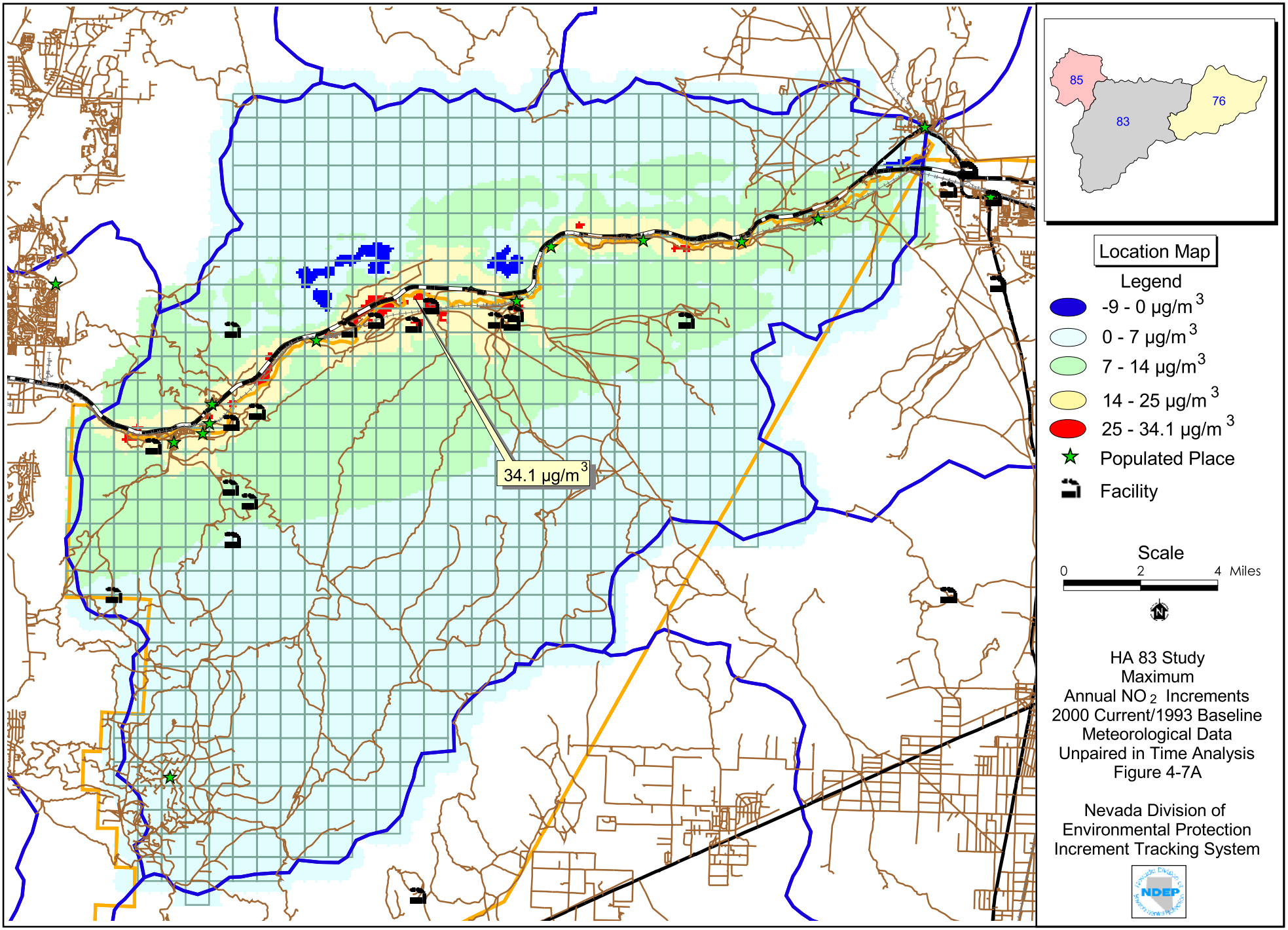
HA 83 Study
Maximum
Annual SO_2 Increments
2000 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-6A

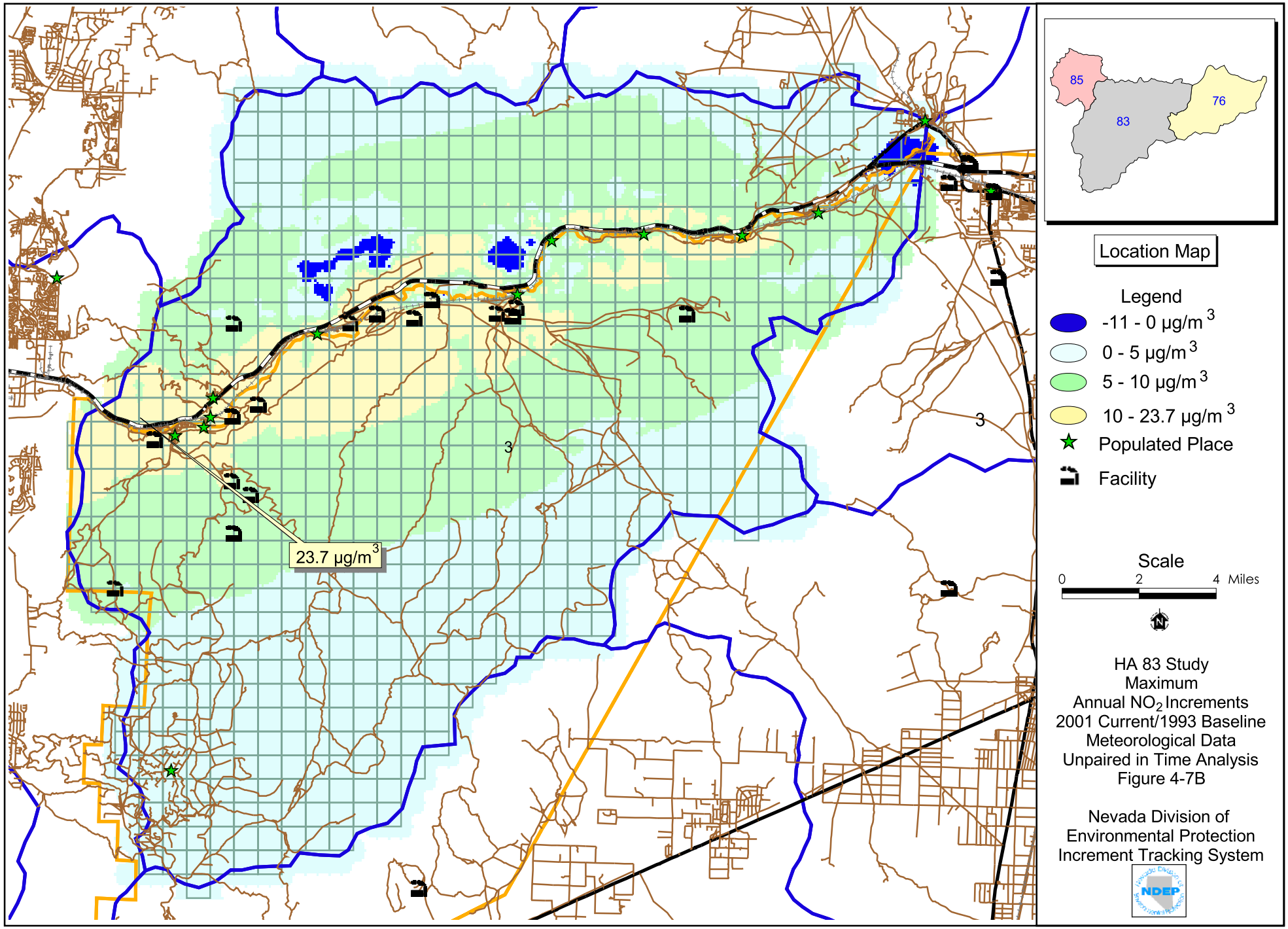
Nevada Division of
Environmental Protection
Increment Tracking System

04/17/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee so2 ann 00 update layout dn sp

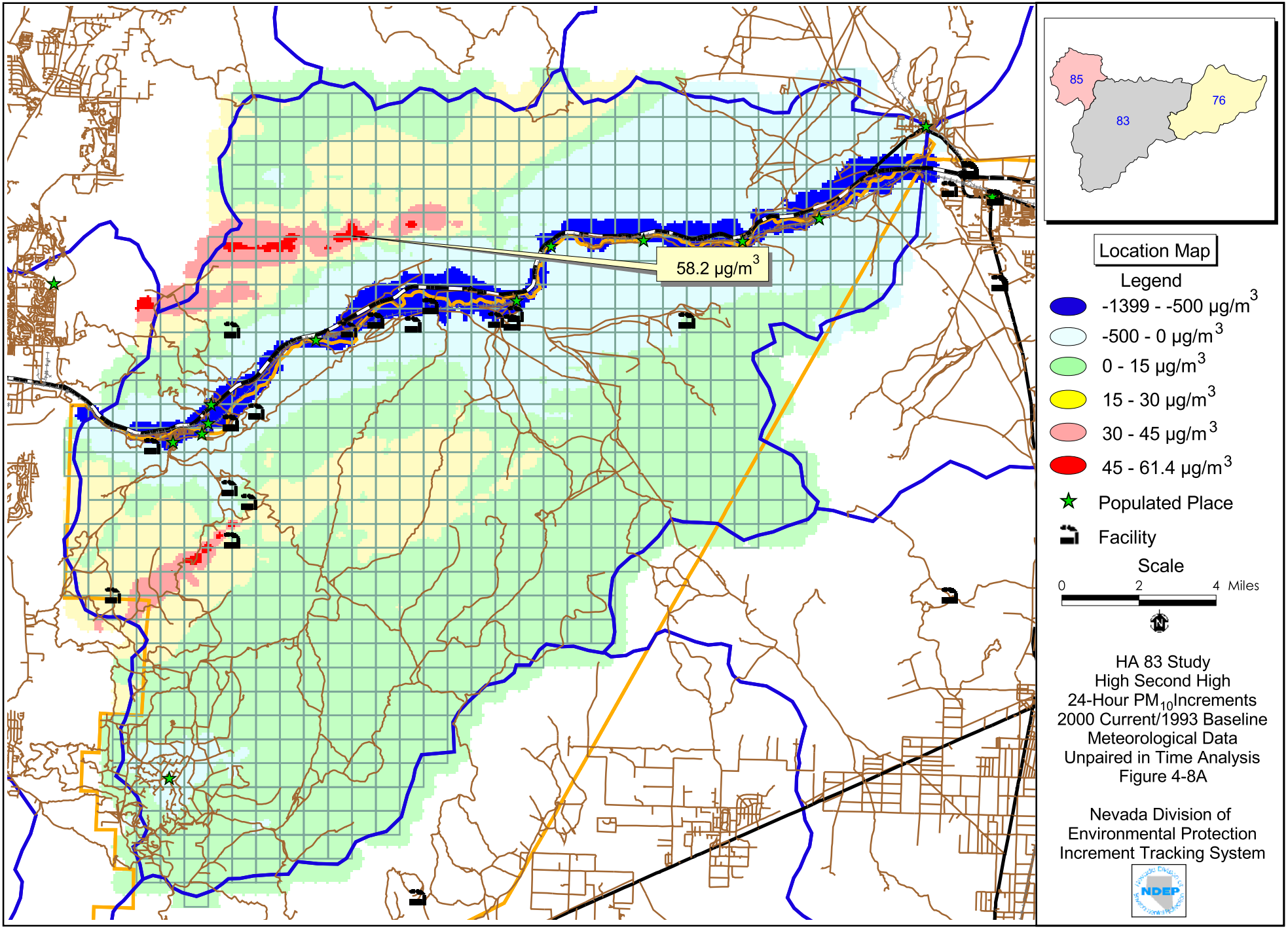


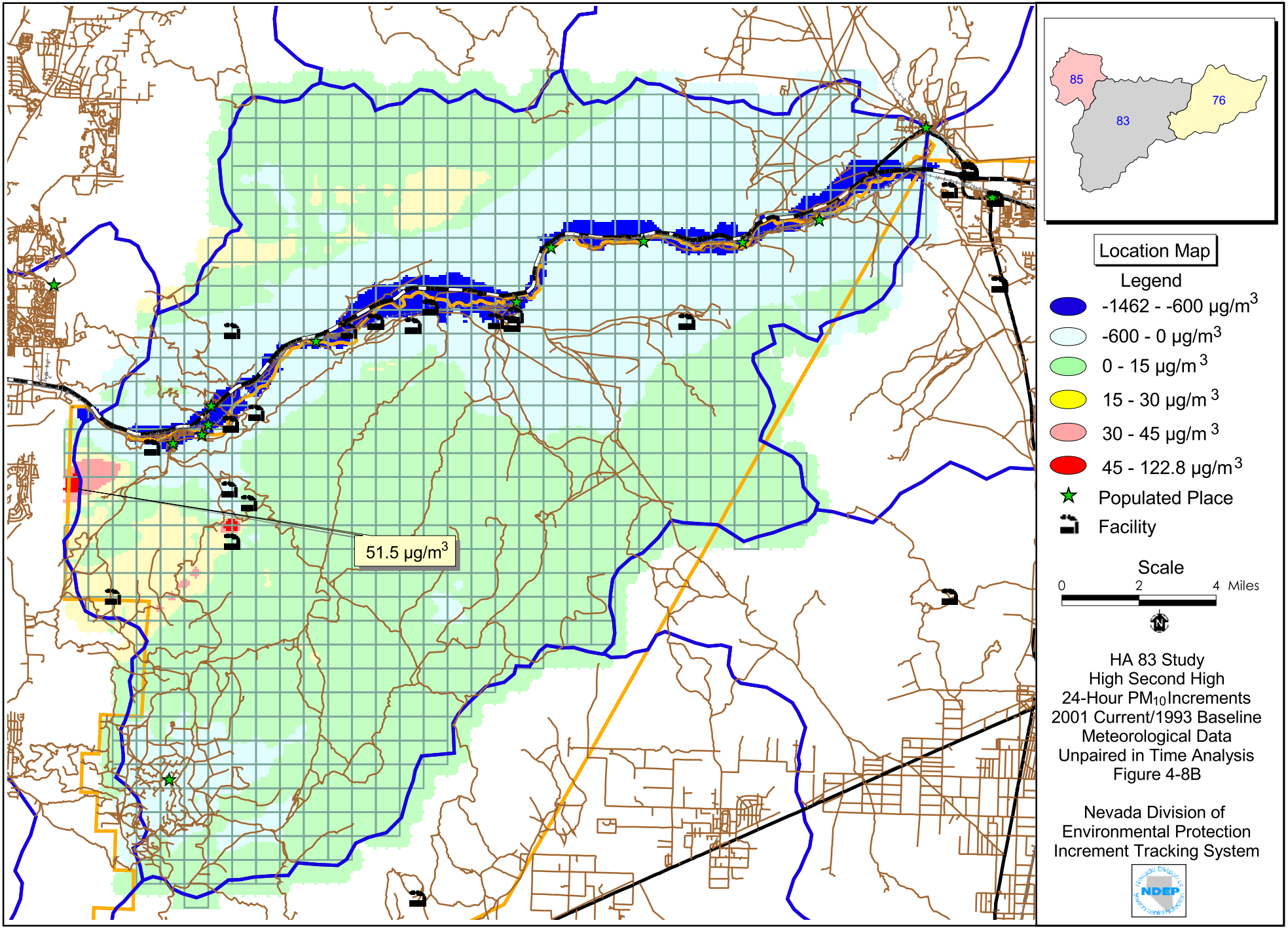
04/17/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee so2 an 01 update layout dn sp

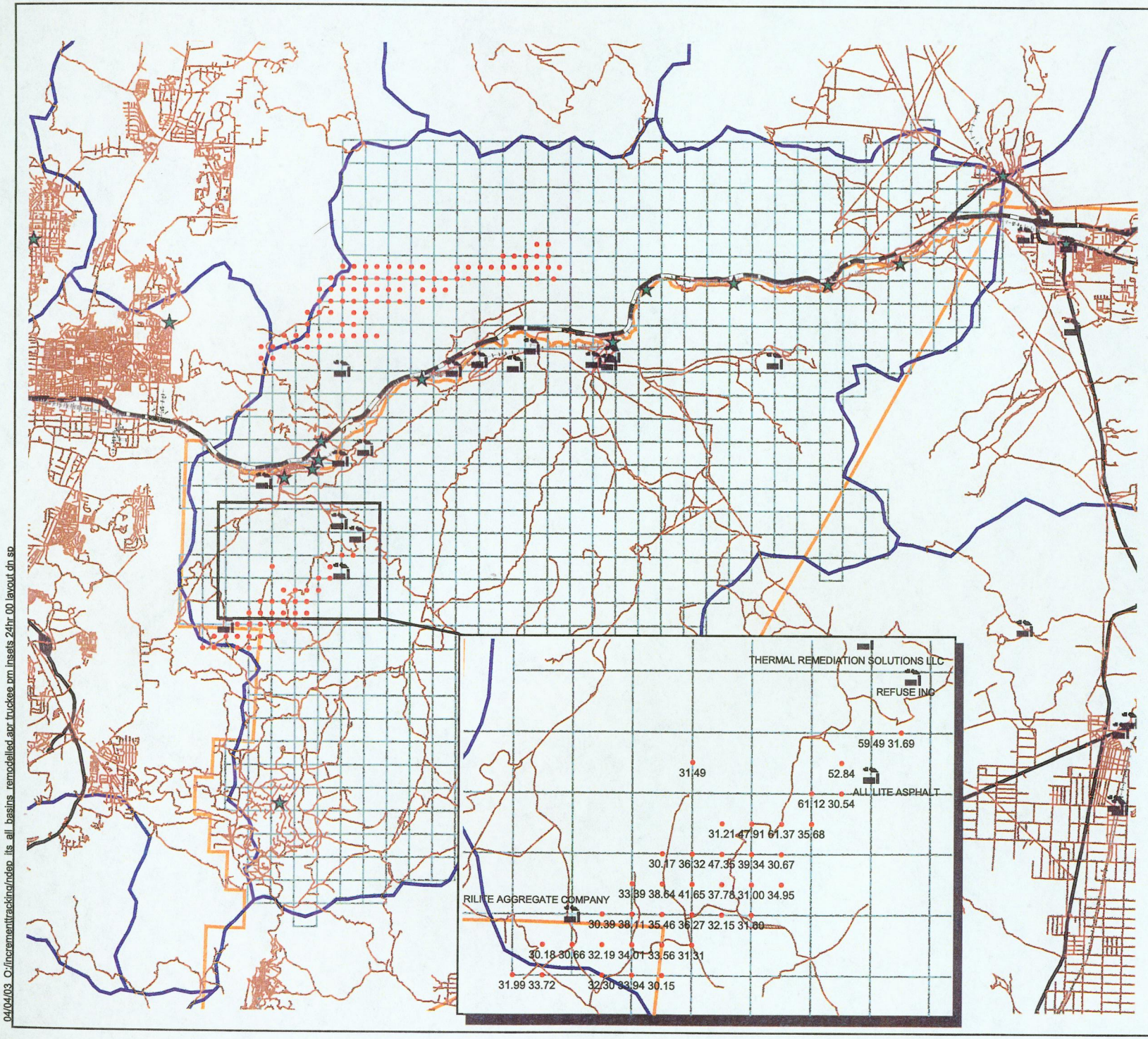

34.1 µg/m3
85
83
76
Location Map
Legend
-9 - 0 µg/m3
0 - 7 µg/m3
7 - 14 µg/m3
14 - 25 µg/m3
25 - 34.1 µg/m3
Populated Place
Facility
Scale
0
2
4 Miles
N
HA 83 Study
Maximum
Annual NO2 Increments
2000 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-7A
Nevada Division of
Environmental Protection
Increment Tracking System
NDEP
07/15/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee nox an 00 update layout dn sp

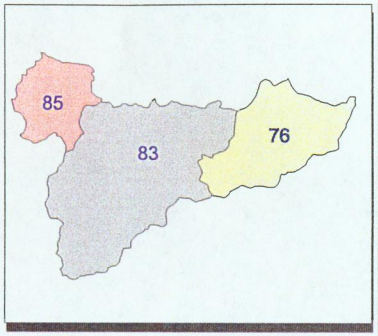


07/15/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee nox an 01 updatelayout dn sp


58.2 µg/m3
85
83
76
Location Map
Legend
-1399 - -500 µg/m3
-500 - 0 µg/m3
0 - 15 µg/m3
15 - 30 µg/m3
30 - 45 µg/m3
45 - 61.4 µg/m3
Populated Place
Facility
Scale
0
2
4 Miles
N
HA 83 Study
High Second High
24-Hour PM10 Increments
2000 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-8A
Nevada Division of
Environmental Protection
Increment Tracking System
NDEP
07/02/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee pm10 24 hr 00 layout dn sp


51.5 µg/m3
85
83
76
Location Map
Legend
-1462 - -600 µg/m3
-600 - 0 µg/m3
0 - 15 µg/m3
15 - 30 µg/m3
30 - 45 µg/m3
45 - 122.8 µg/m3
Populated Place
Facility
Scale
0
2
4 Miles
HA 83 Study
High Second High
24-Hour PM10 Increments
2001 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-8B
Nevada Division of
Environmental Protection
Increment Tracking System
NDEP
07/02/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee pm10 24 hr 01layout dn sp





Location Map

Legend

- PM_{10} value greater than or equal to 30 µg/m^3
- Populated Place
- Facility

* Values are presented in µg/m^3

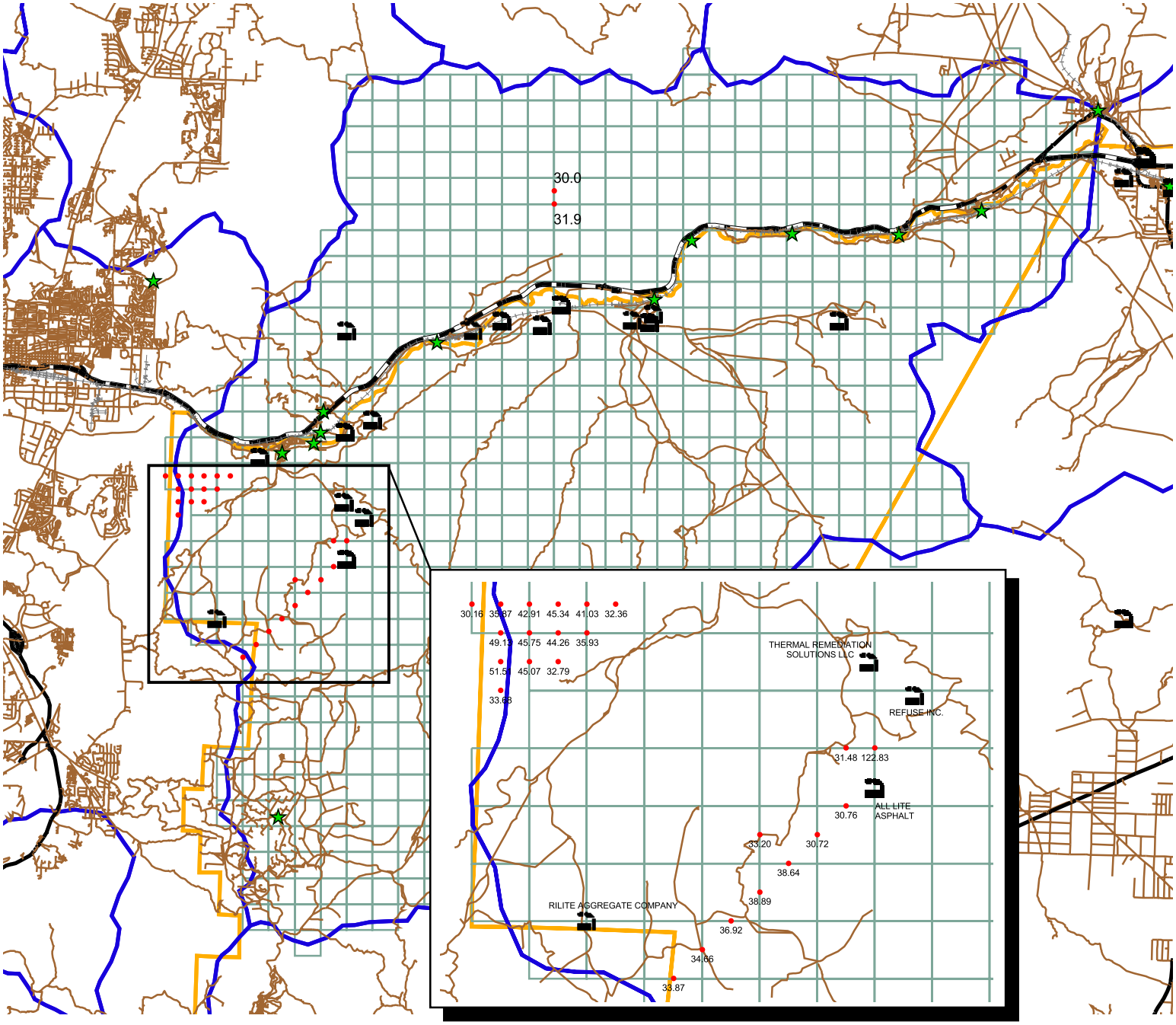
Scale

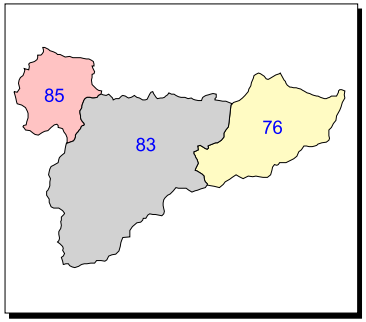
0 2 4 Miles

HA 83
High Second High
24-Hour PM_{10} Violations
2000 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-9A

Nevada Division of
Environmental Protection
Increment Tracking System

04/04/03 O:/incrementtracking/indep_its_all_basins_remodelled apr truckee pm insets 24hr 00 layout dn sp





Location Map

Legend

- PM_{10} value greater than or equal to 30 µg/m^3
- Populated Place
- Facility

* Values are presented in µg/m^3

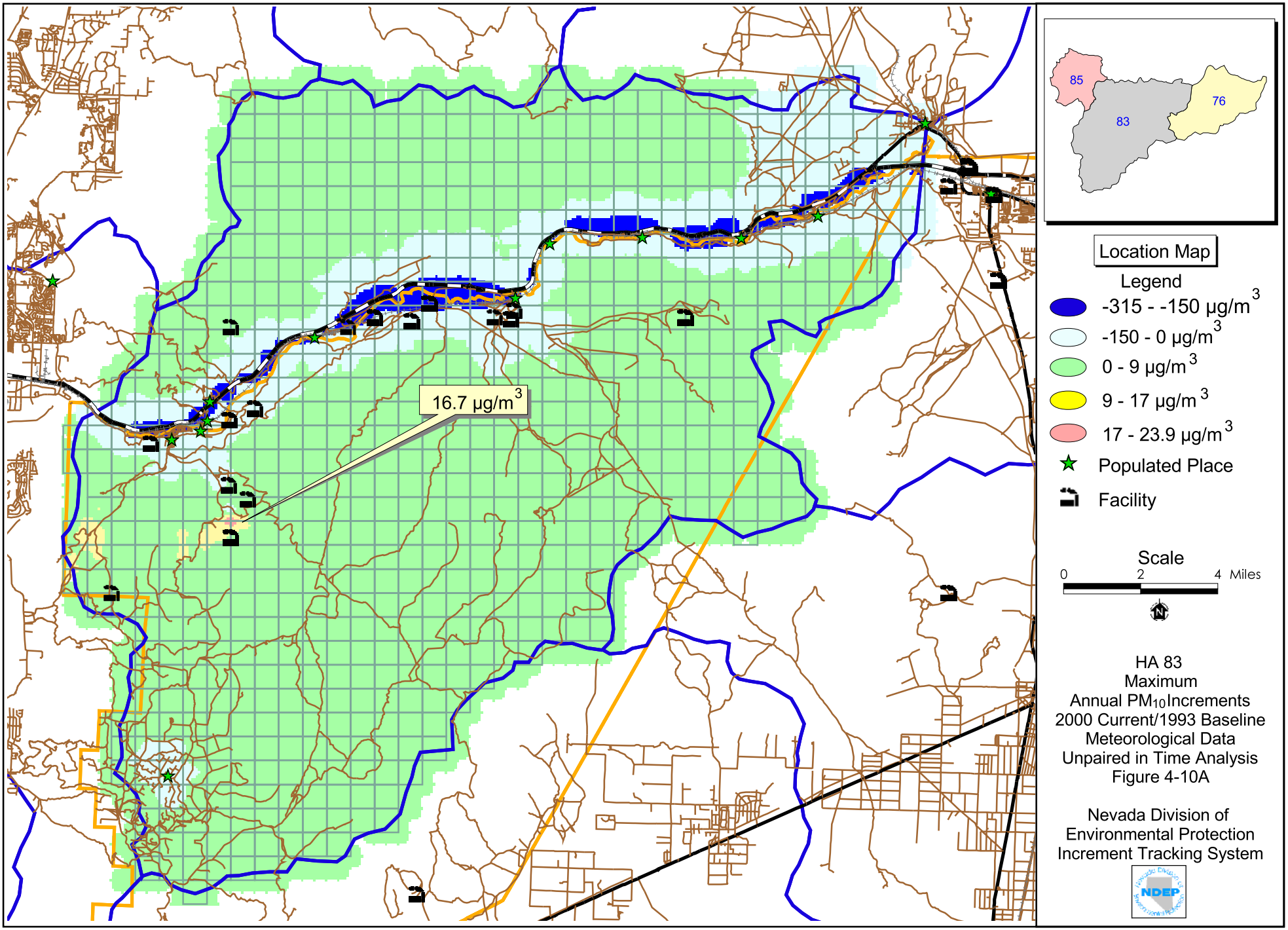
Scale

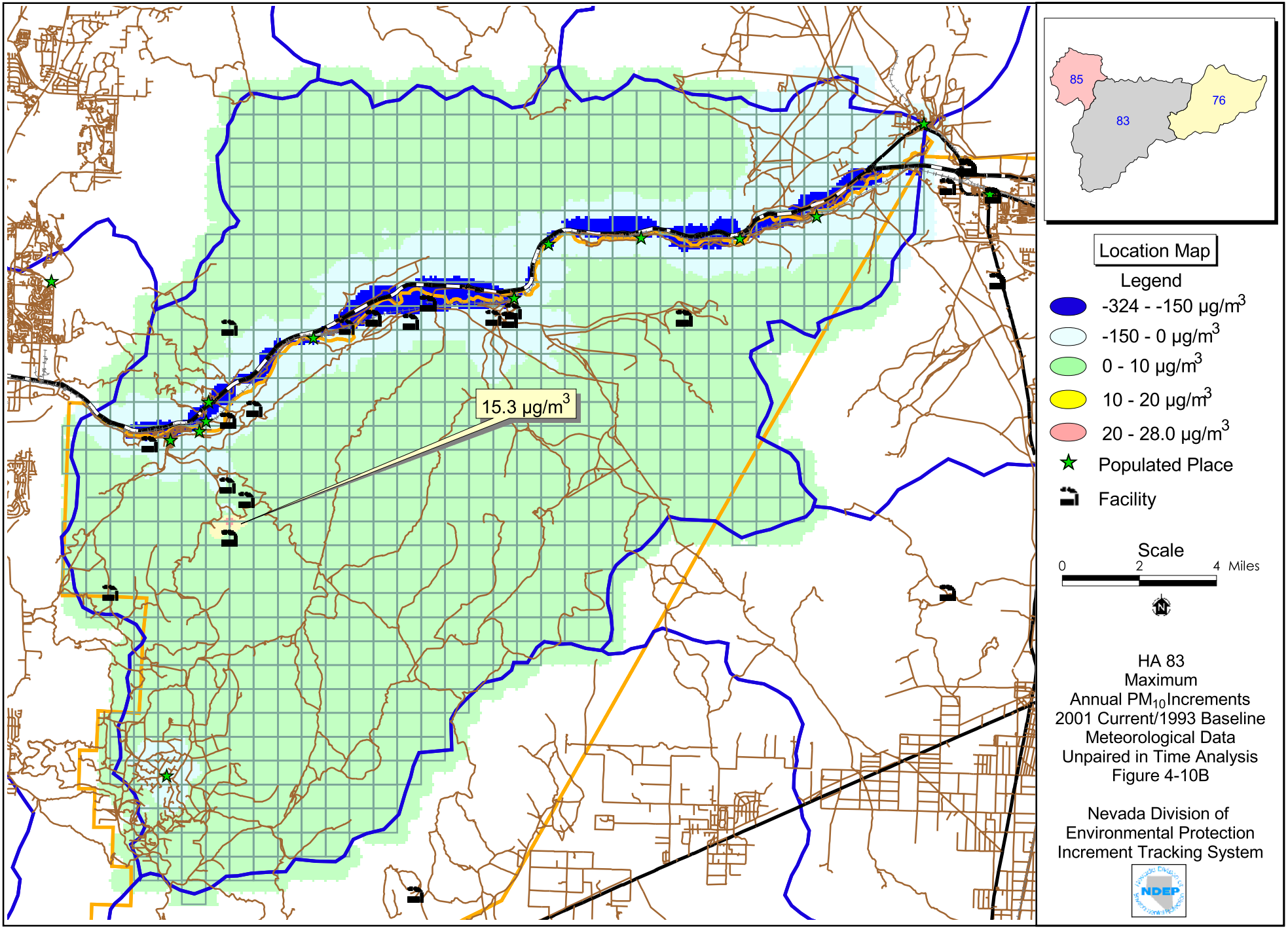
0 2 4 Miles

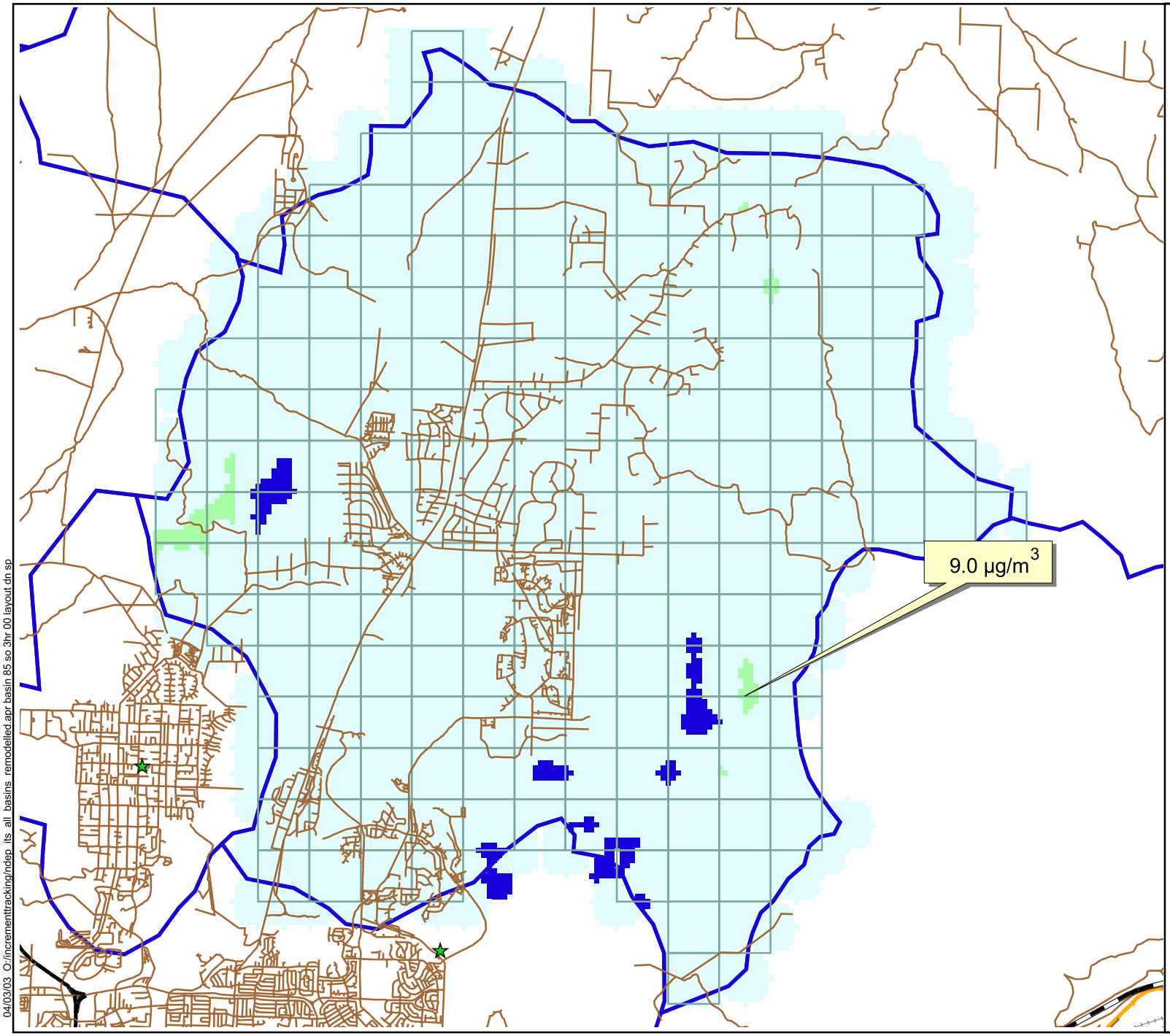
HA 83
High Second High
24-Hour PM_{10} Violations
2001 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-9B

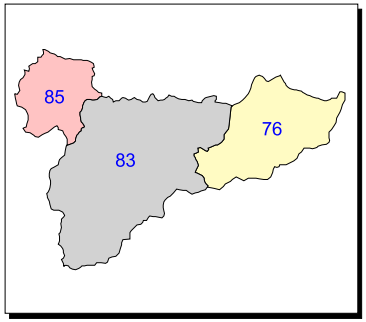
Nevada Division of
Environmental Protection
Increment Tracking System

07/03/03 O:/incrementtracking/ndep_lts_all_basins_remodelled.apr truckee pm insets 24hr 01 layout dn sp


16.7 µg/m3
85
83
76
Location Map
Legend
-315 - -150 µg/m3
-150 - 0 µg/m3
0 - 9 µg/m3
9 - 17 µg/m3
17 - 23.9 µg/m3
Populated Place
Facility
Scale
0
2
4 Miles
N
HA 83
Maximum
Annual PM10 Increments
2000 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-10A
Nevada Division of
Environmental Protection
Increment Tracking System
NDEP
07/02/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee pm10 ann 00 layout dn sp


15.3 µg/m3
85
83
76
Location Map
Legend
-324 - -150 µg/m3
-150 - 0 µg/m3
0 - 10 µg/m3
10 - 20 µg/m3
20 - 28.0 µg/m3
Populated Place
Facility
Scale
0
2
4 Miles
N
HA 83
Maximum
Annual PM10 Increments
2001 Current/1993 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-10B
Nevada Division of
Environmental Protection
Increment Tracking System
NDEP
07/02/03 O:/incrementtracking/ndep_its_all_basins_remodelled.apr truckee pm10 ann 01 layout dn sp





Location Map

Legend

- -246 - -123 µg/m^3
- -123 - 0 µg/m^3
- 0 - 9.0 µg/m^3
- Populated Place
- Facility

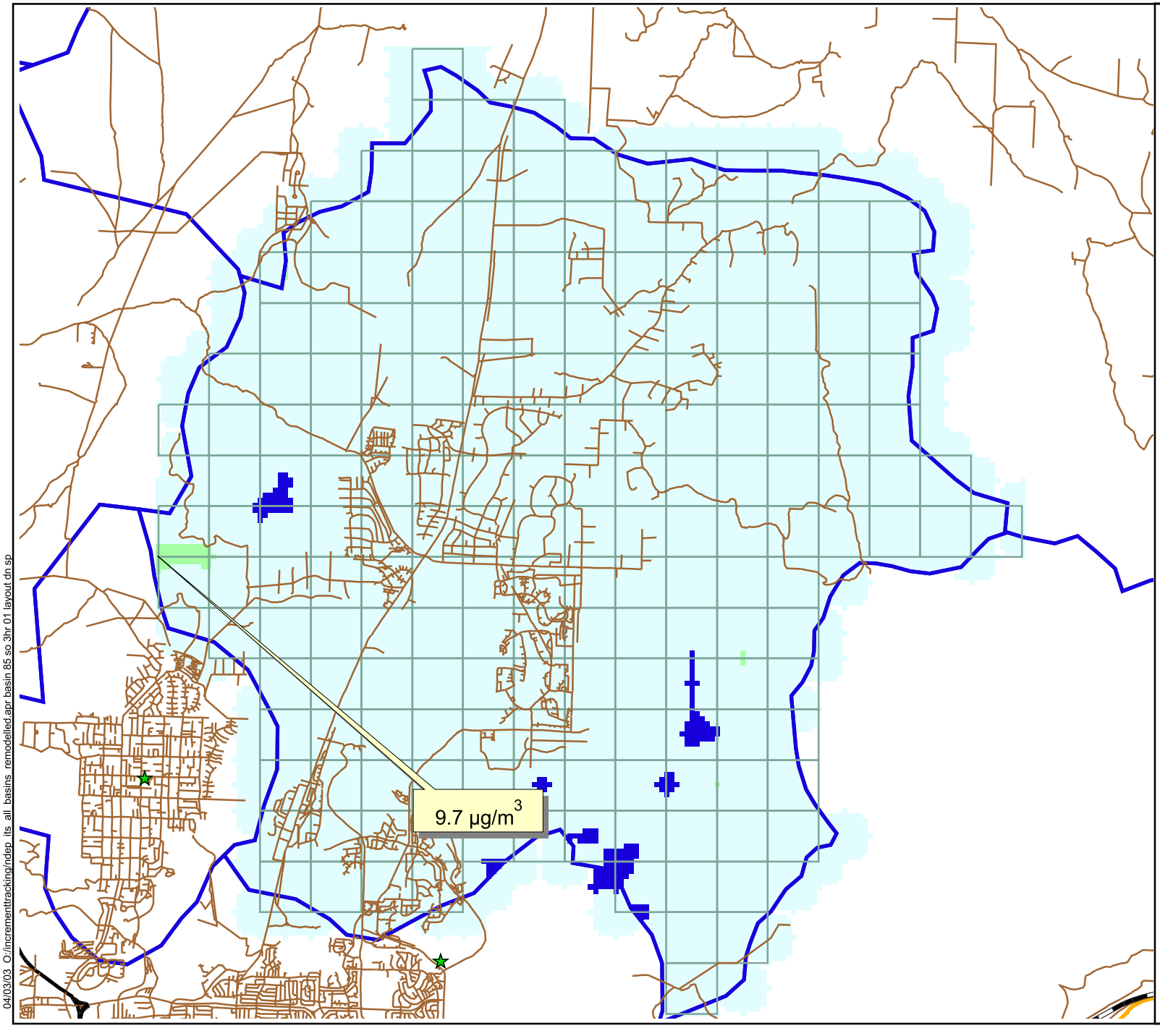
Scale

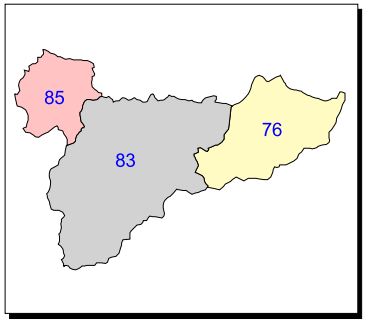
0 1 2 Miles

HA 85
High Second High
3-Hour SO_2 Increments
2000 Current/1995 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-11A

Nevada Division of
Environmental Protection
Increment Tracking System

04/03/03 O:/incrementtracking/ndep its all basins remodelled.apr basin 85 so 3hr 00 layout dn sp





Location Map

Legend

-260 - -130 µg/m^3

-130 - 0 µg/m^3

0 - 9.7 µg/m^3

Populated Place

Facility

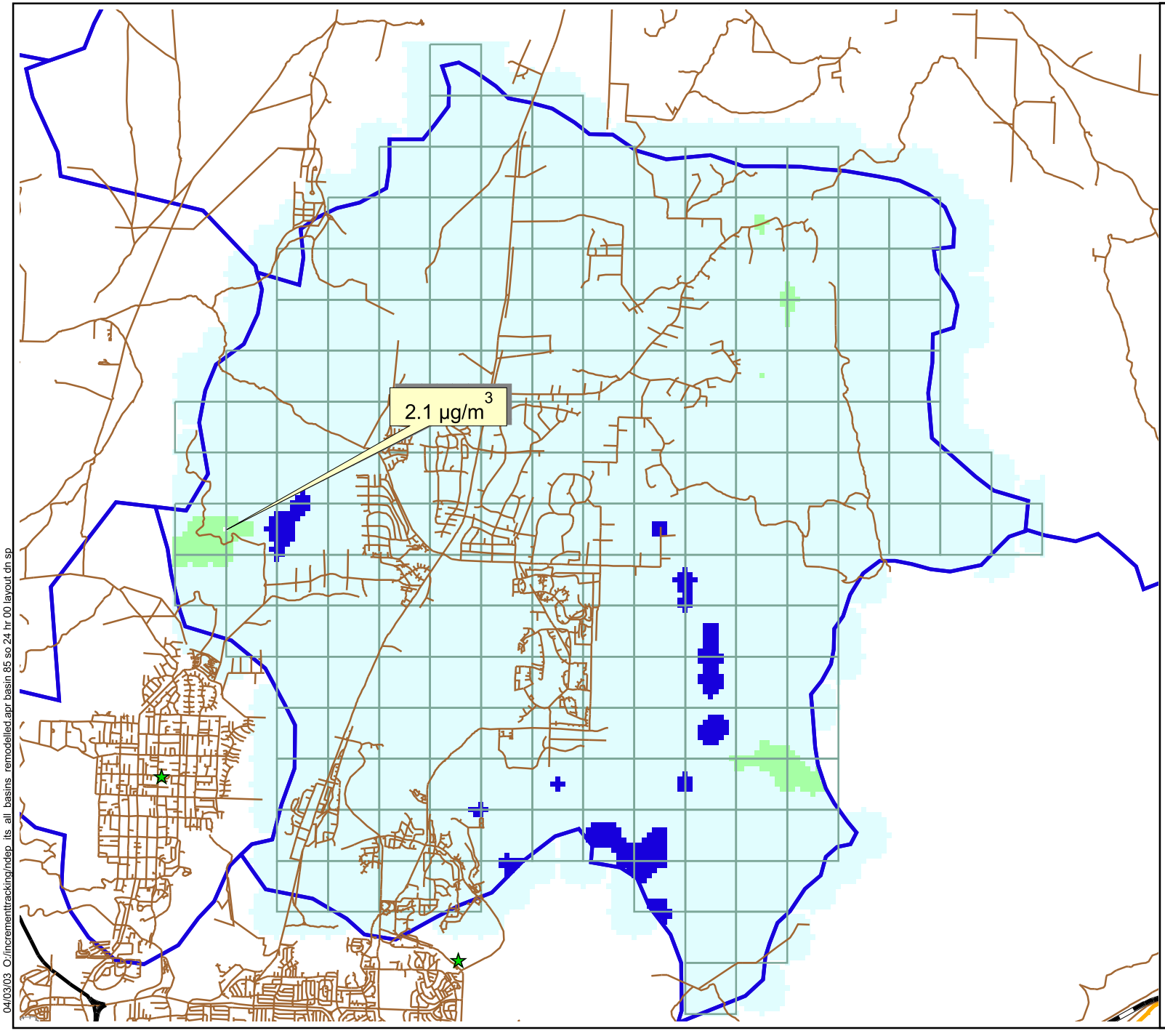
Scale

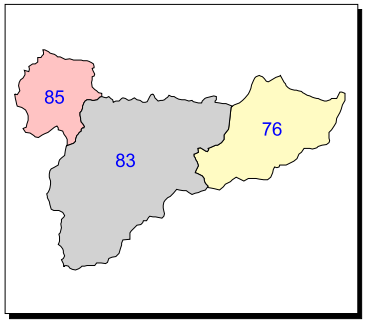
0 1 2 Miles

HA 85
High Second High
3-Hour SO_2 Increments
2001 Current/1995 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-11B

Nevada Division of
Environmental Protection
Increment Tracking System

04/03/03 O:/incrementtracking/ndep its all basins remodelled.apr basin 85 so 3hr 01 layout dn sp





Location Map

Legend

- -34 - -17 µg/m^3
- -17 - 0 µg/m^3
- 0 - 2.1 µg/m^3
- Populated Place
- Facility

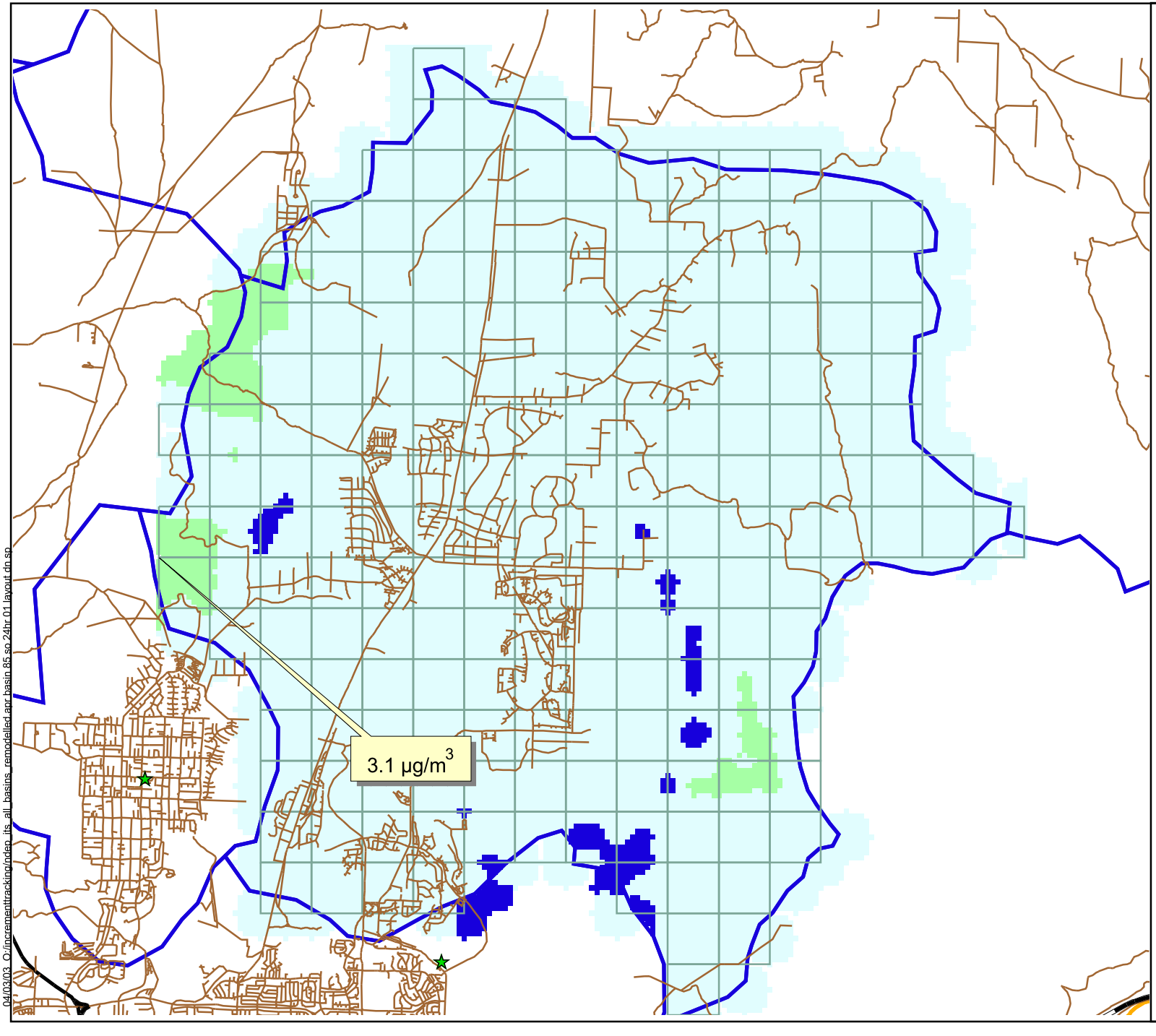
Scale

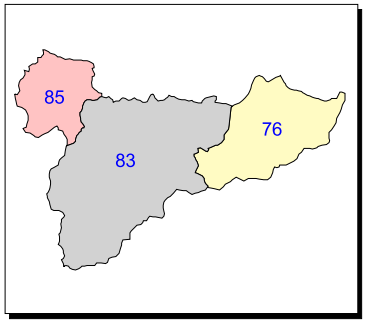
0 1 2 Miles

HA 85
High Second High
24-Hour SO_2 Increments
2000 Current/1995 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-12A

Nevada Division of
Environmental Protection
Increment Tracking System

04/03/03 Q:/incrementtracking/ndep_its_all_basins_remodelled.apr basin 85 so 24 hr 00 layout dn sp





Location Map

Legend

-32 - -16 µg/m^3

-16 - 0 µg/m^3

0 - 3.1 µg/m^3

Populated Place

Facility

Scale

0 1 2 Miles

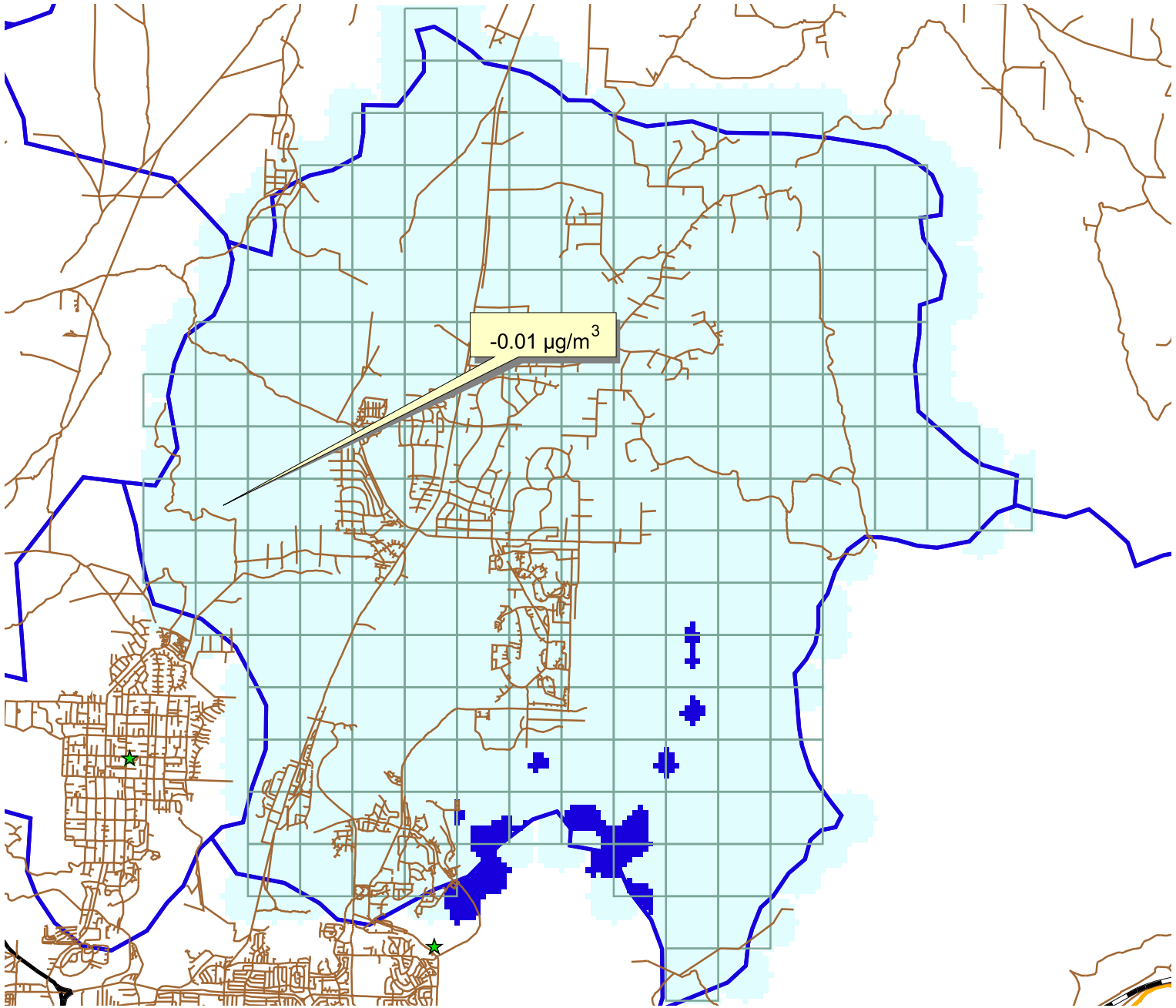
N

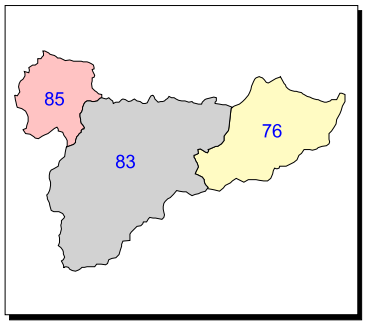
HA 85
High Second High
24-Hour SO_2 Increments
2001 Current/1995 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-12B

Nevada Division of
Environmental Protection
Increment Tracking System

NDEP

04/03/03 Q:/incrementtracking/ndep_its_all_basins_remodelled.apr basin 85 so 24hr 01 layout dn sp





Location Map

Legend

-3.6 - -1.8 µg/m^3

-1.8 - -0.01 µg/m^3

Populated Place

Facility

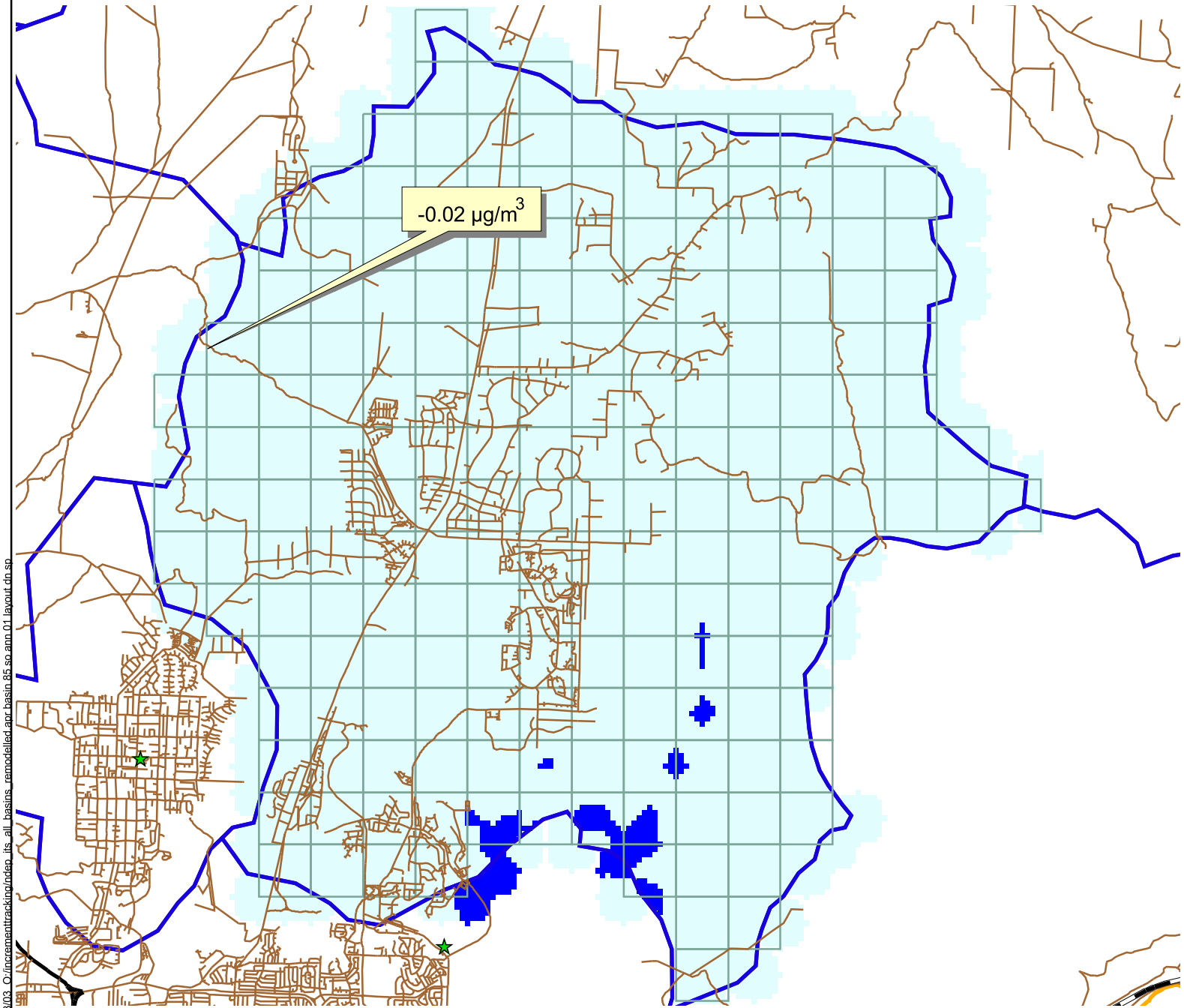
Scale

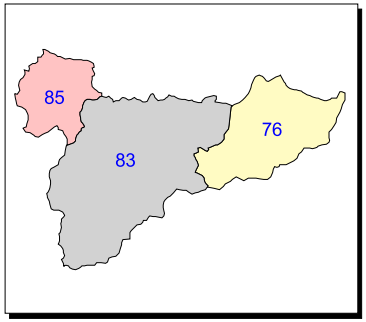
0 1 2 Miles

HA 85
Maximum
Annual SO_2 Increments
2000 Current/1995 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-13A

Nevada Division of
Environmental Protection
Increment Tracking System

04/03/03 Q:/incrementtracking/ndep_its_all_basins_remodelled.apr basin 85 so ann 00 layout dn sp





Location Map

Legend

-3.7 - 1.8 µg/m^3

-1.8 - -0.02 µg/m^3

Populated Place

Facility

Scale

0 1 2 Miles

HA 85
Maximum
Annual SO_2 Increments
2001 Current/1995 Baseline
Meteorological Data
Unpaired in Time Analysis
Figure 4-13B

Nevada Division of
Environmental Protection
Increment Tracking System

04/03/03 Q:\incrementtracking\ndep_its_all_basins_remodelled\apr basin 85 so ann 01 layout dp.sp