

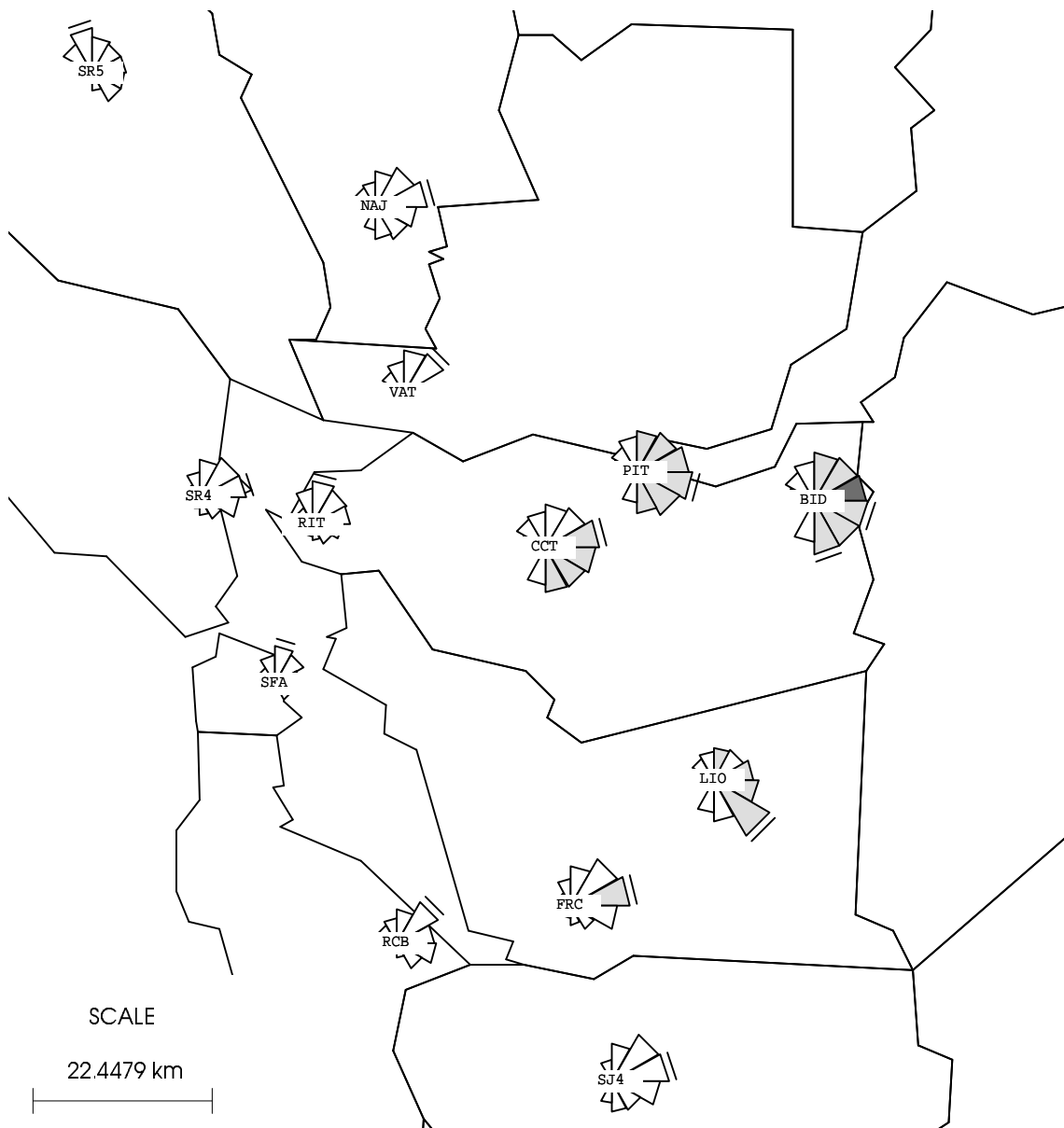
APPENDIX A. MAP DISPLAYS FOR CENTRAL CALIFORNIA

In this appendix, map displays are provided for individual ozone-episode days occurring in central California. The calculations were carried out using the NO_y version of the SP algorithm (see Section 2). The expected bias in the calculated extent of reaction caused by the bias of the " NO_x " data is discussed in Section 5. The bias is negligible for extent less than 0.5. When the true extent approaches one, the displayed values overestimate the true extent by 0.1 to 0.2 units.

One or more typical ozone episodes are shown for each region. A common display format is used for all days. On each map, the extent of reaction is indicated for each daytime hour by the shading (see legends). Circle wedge sizes are proportional to the hourly ozone concentrations and the hour of the ozone peak is marked according to the positions on a conventional clock (see legends). In some cases, one or more overlapping sites have been displaced from their actual locations. A line has been drawn from the displaced to actual positions.

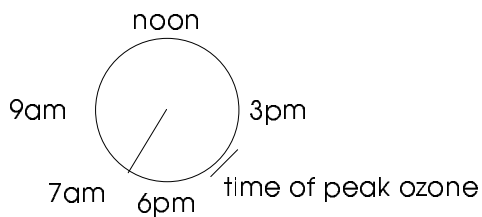
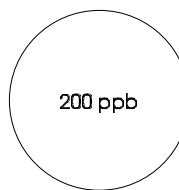
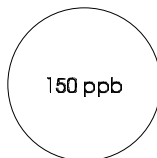
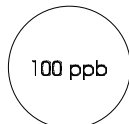
SAN FRANCISCO BAY AREA

23 Jun 1995



EQUATION: Revised, NOy Version ($\alpha= 0.667$, $\beta= 19.000$, $O_3(O)= 40.000$, no NOy correction)

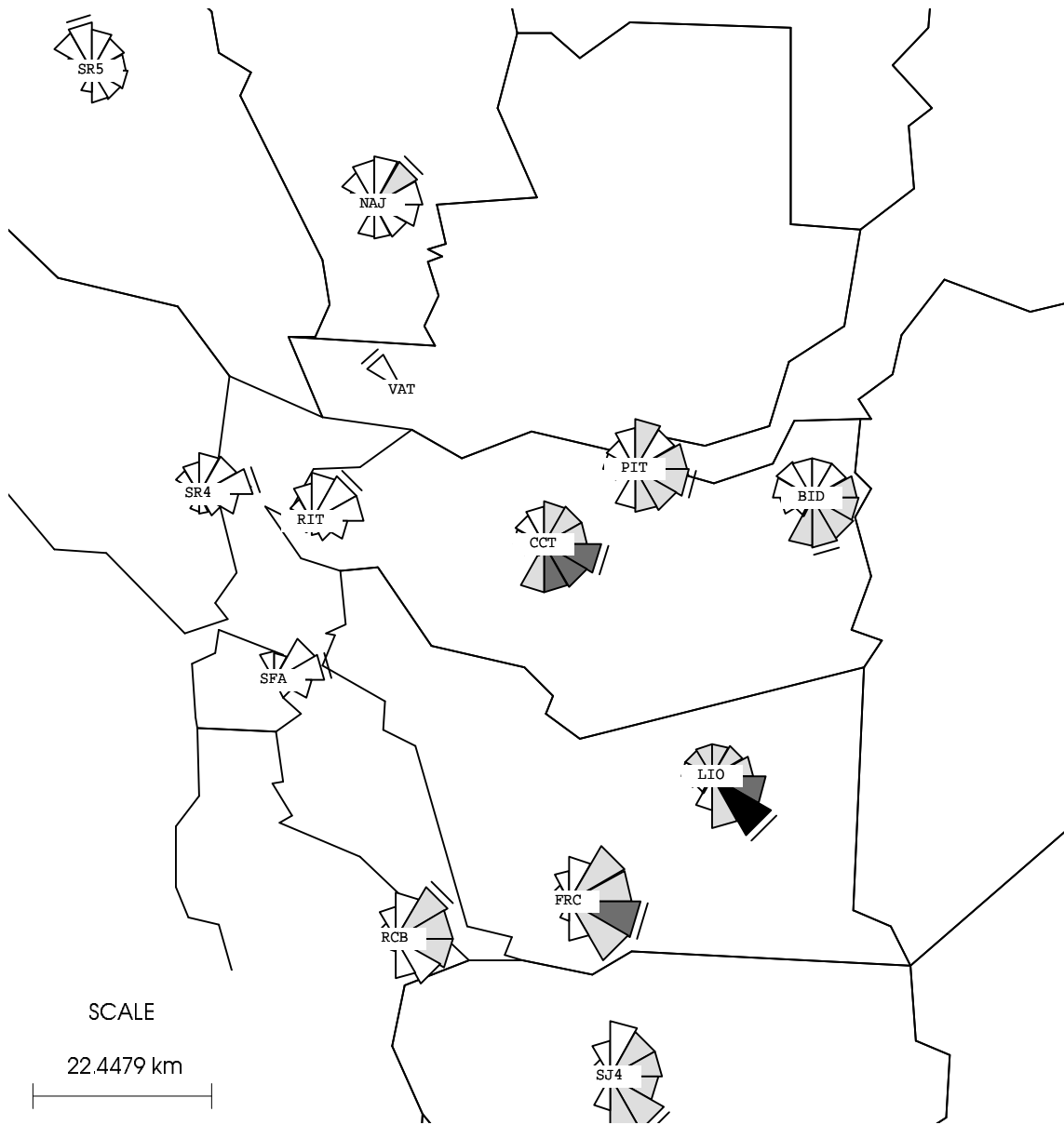
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

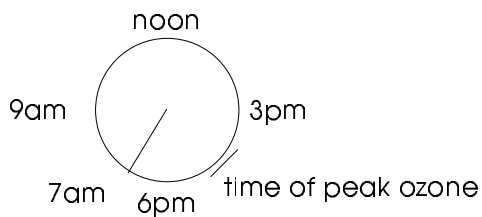
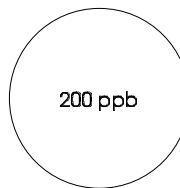
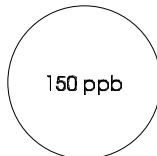
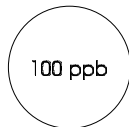
SAN FRANCISCO BAY AREA

24 Jun 1995



EQUATION: Revised, NO_y Version (alpha= 0.667, beta= 19.000, O₃(0)= 40.000, no NO_y correction)

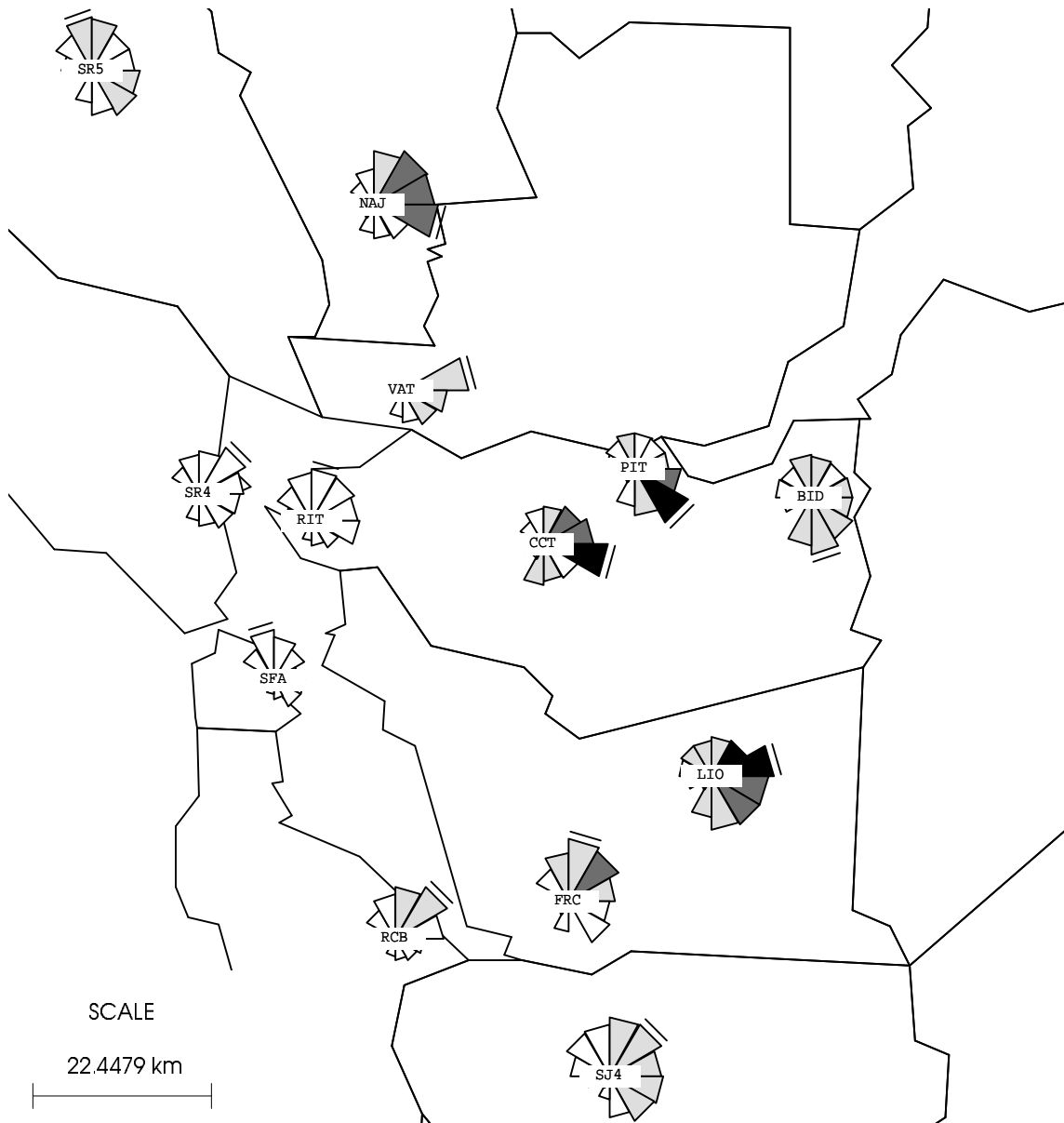
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

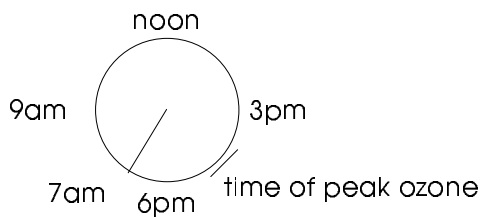
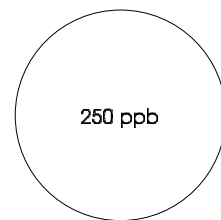
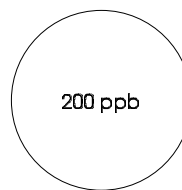
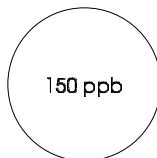
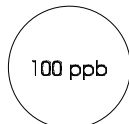
SAN FRANCISCO BAY AREA

25 Jun 1995



EQUATION: Revised, NOy Version (alpha= 0.667, beta= 19.000, O3(0)= 40.000, no NOy correction)

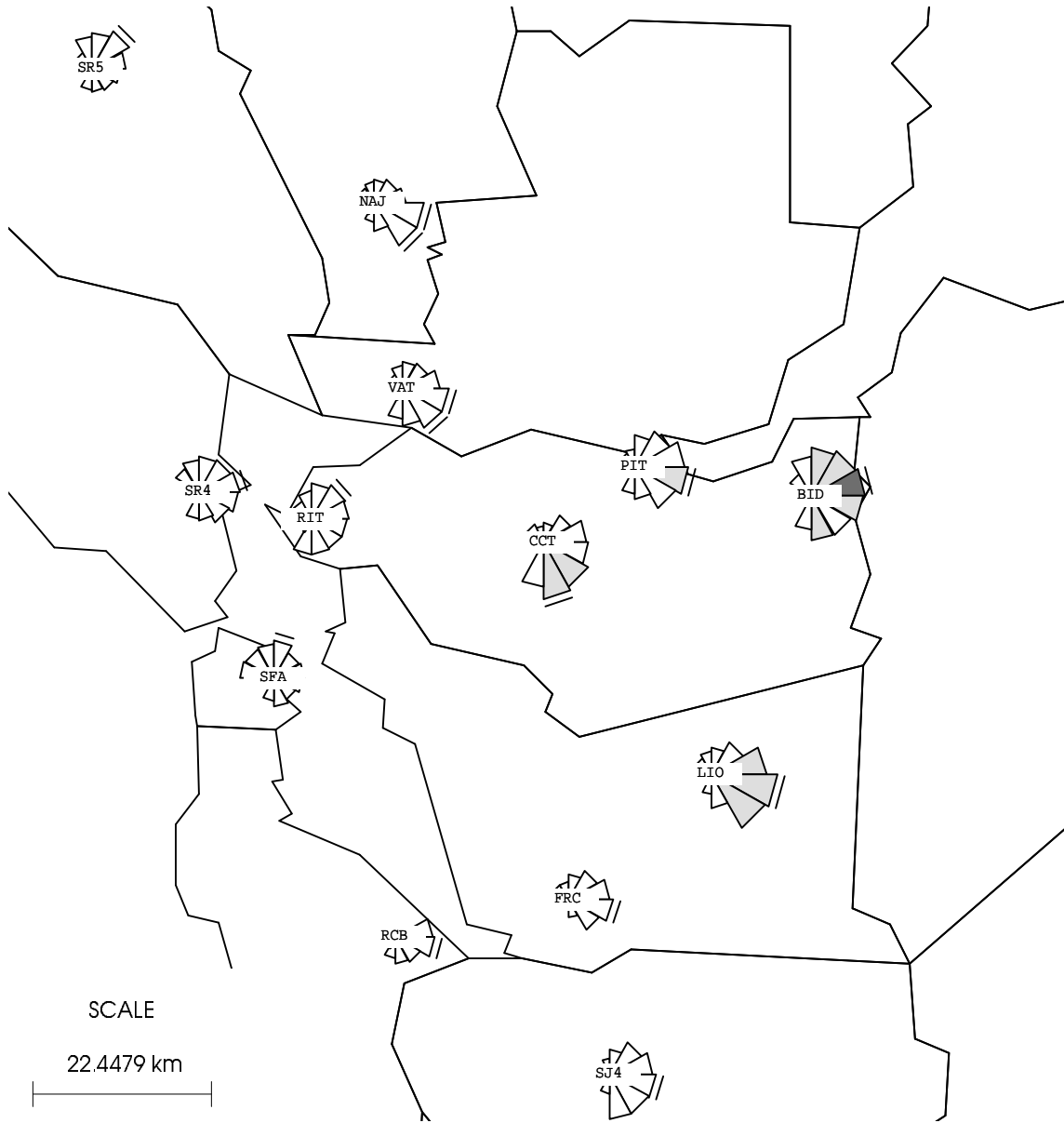
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

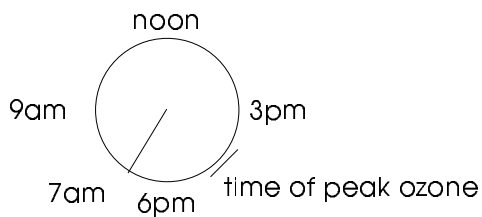
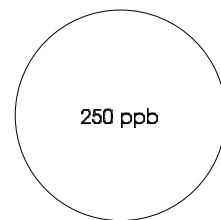
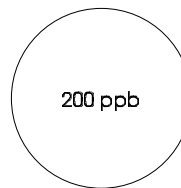
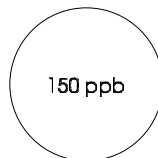
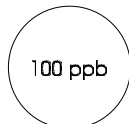
SAN FRANCISCO BAY AREA

08 Aug 1996



EQUATION: Revised, NO_y Version (alpha= 0.667, beta= 19.000, O₃(0)= 40.000, no NO_y correction)

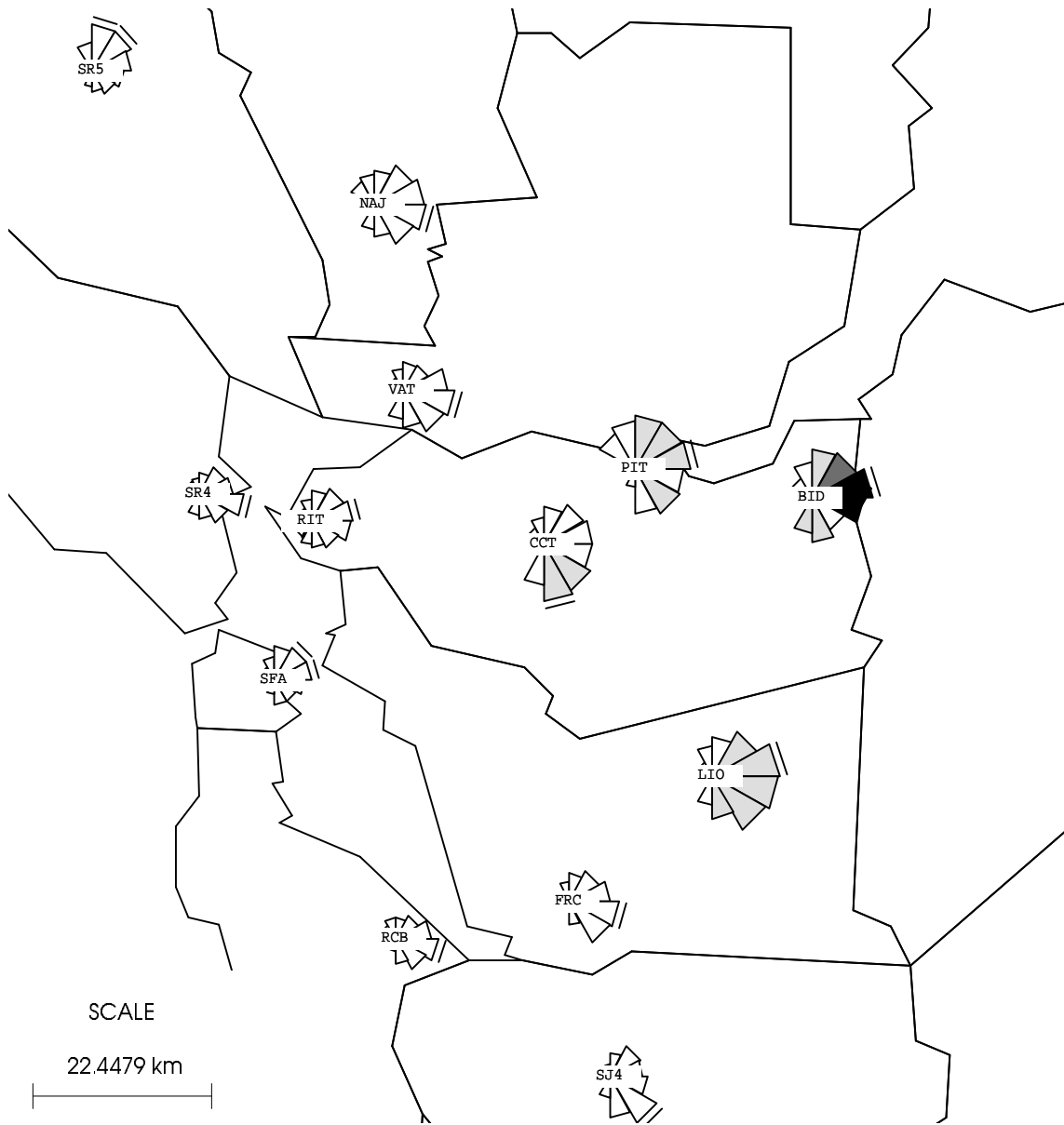
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

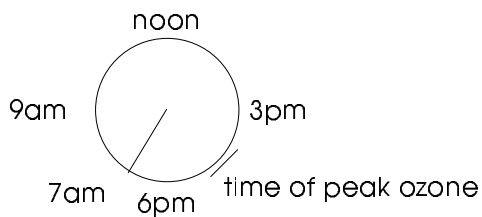
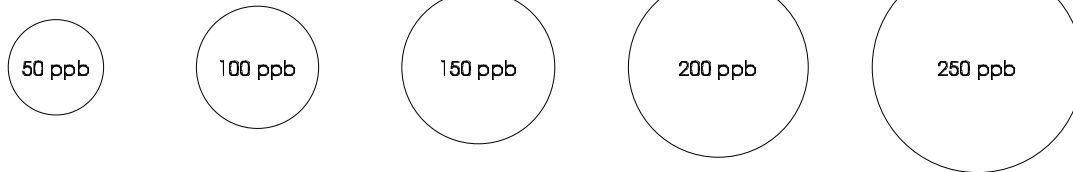
SAN FRANCISCO BAY AREA

09 Aug 1996



EQUATION: Revised, NOy Version (alpha= 0.667, beta= 19.000, O3(0)= 40.000, no NOy correction)

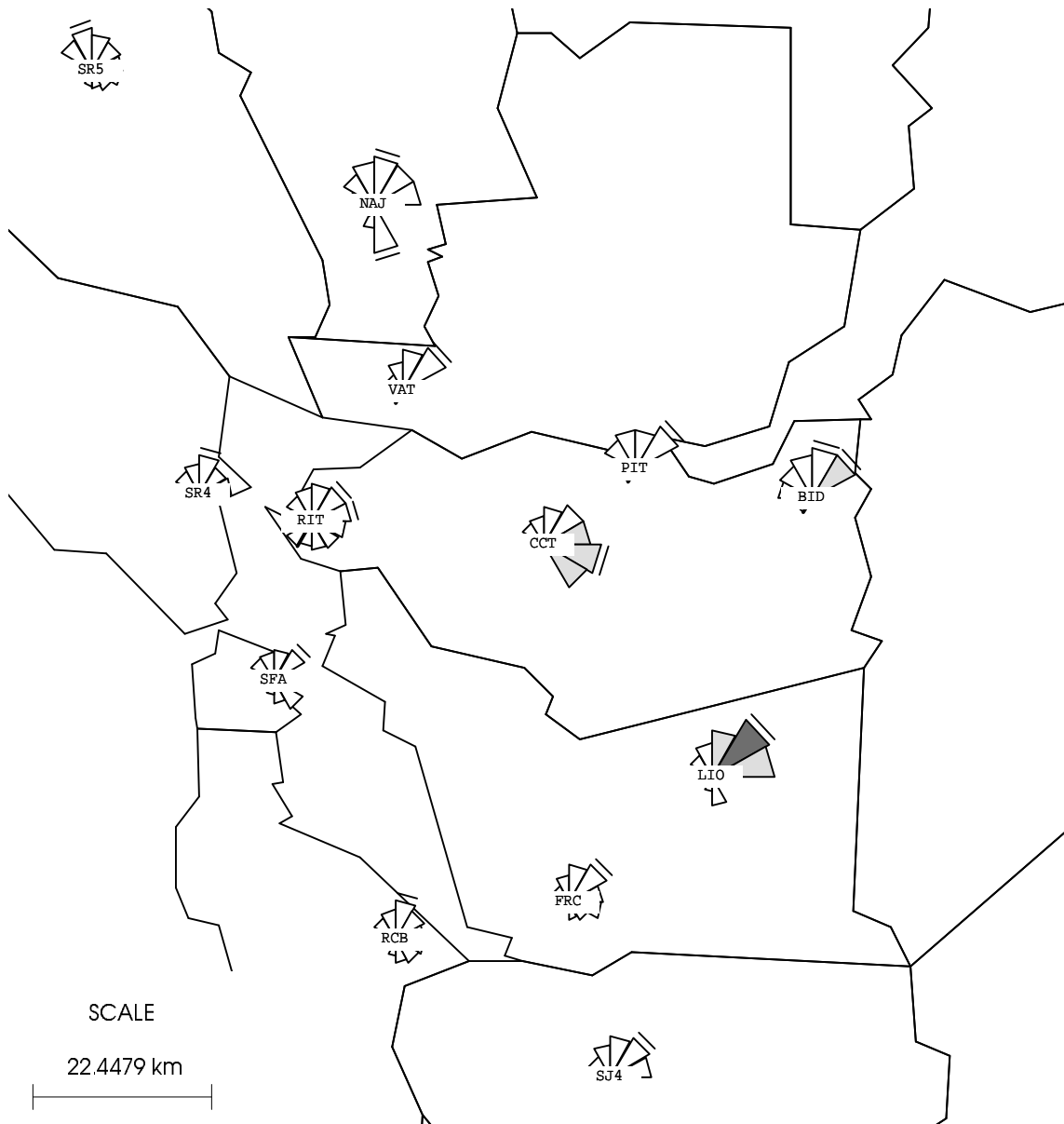
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

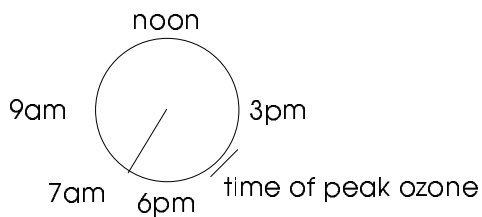
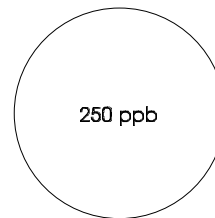
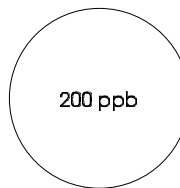
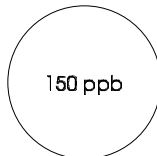
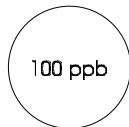
SAN FRANCISCO BAY AREA

10 Aug 1996



EQUATION: Revised, NOy Version (alpha= 0.667, beta= 19.000, O3(0)= 40.000, no NOy correction)

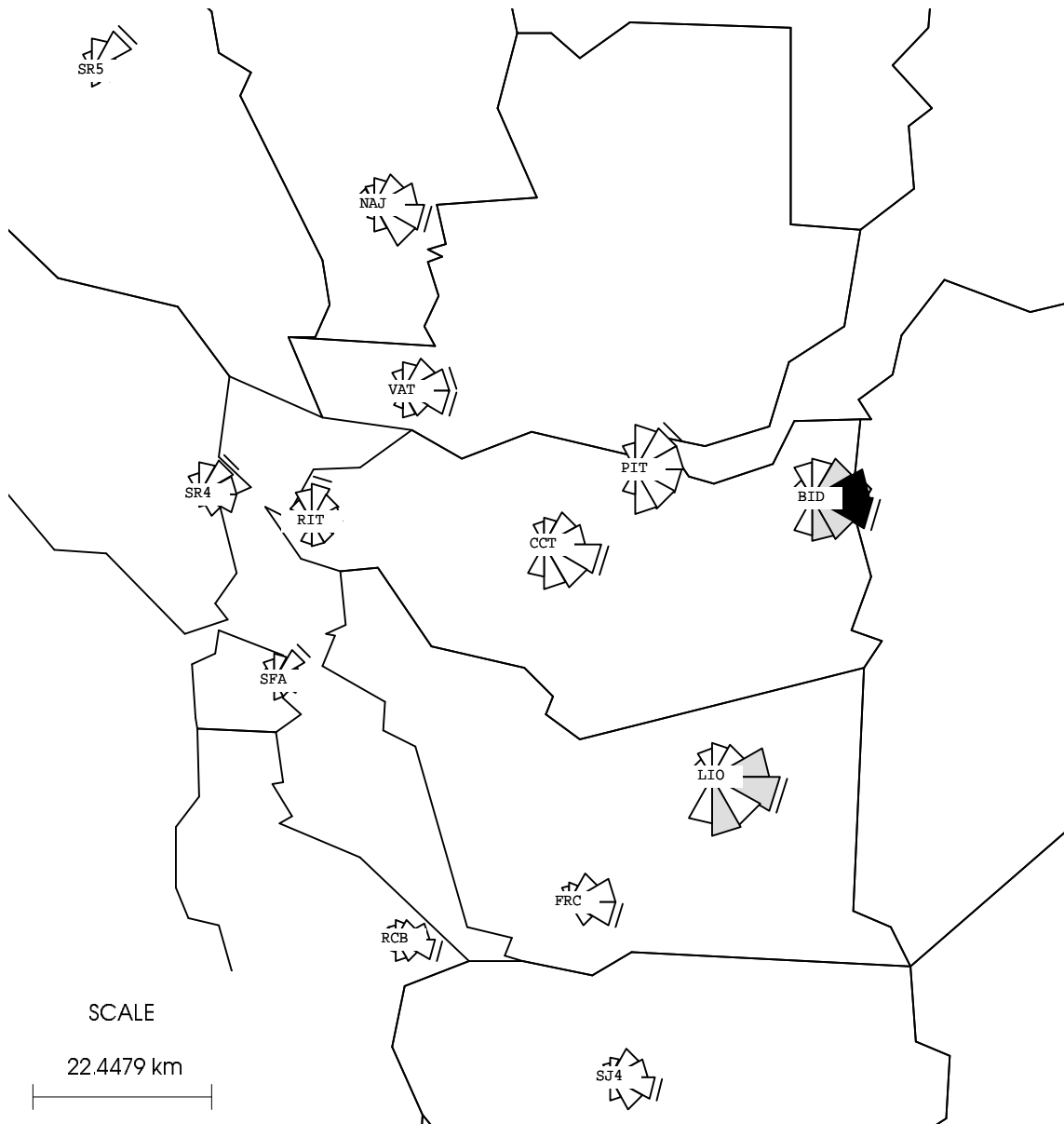
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

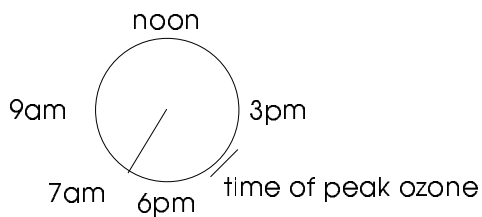
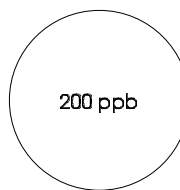
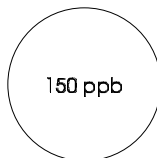
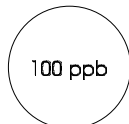
SAN FRANCISCO BAY AREA

02 Sep 1998



EQUATION: Revised, NOy Version (alpha= 0.667, beta= 19.000, O3(0)= 40.000, no NOy correction)

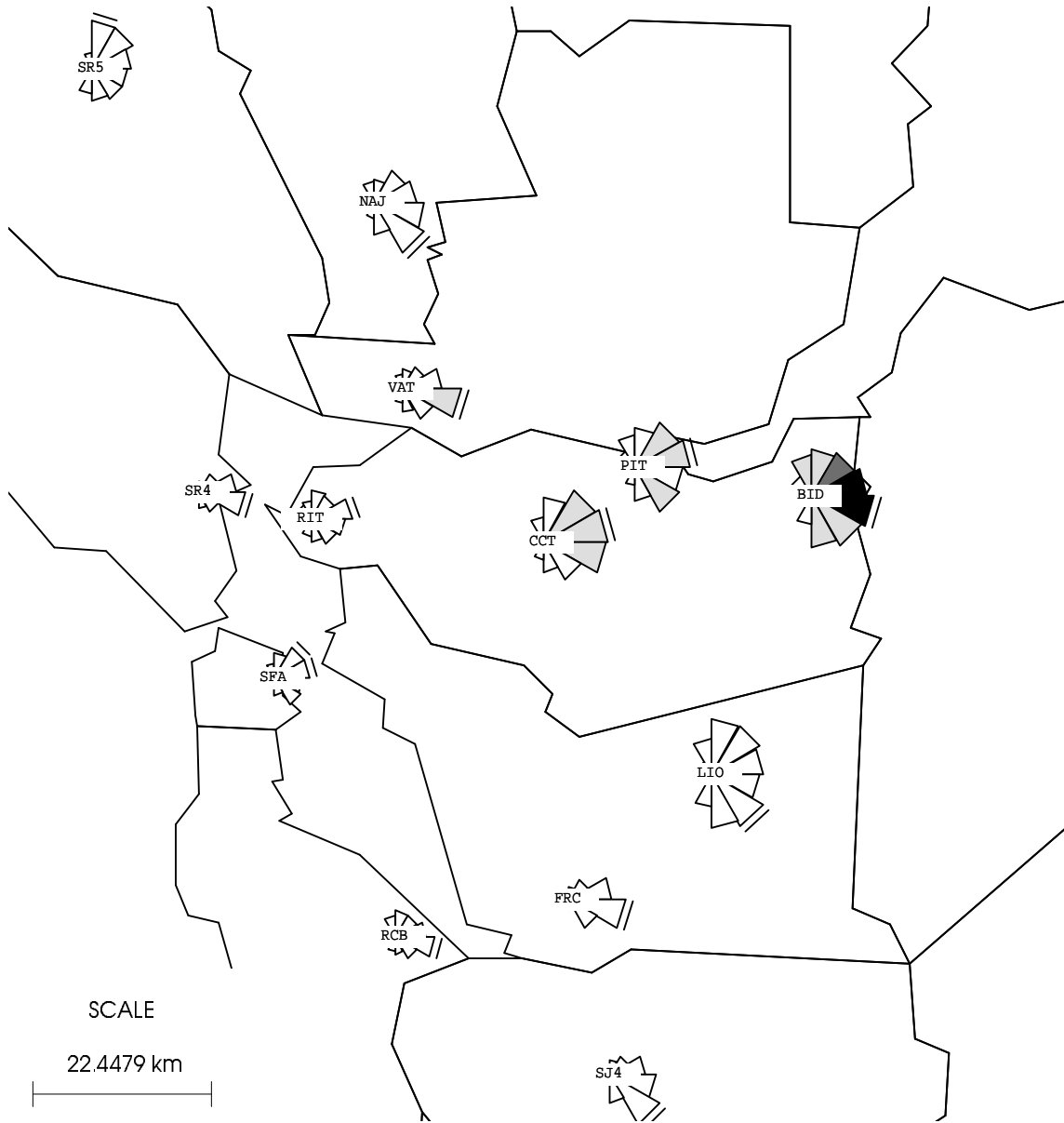
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

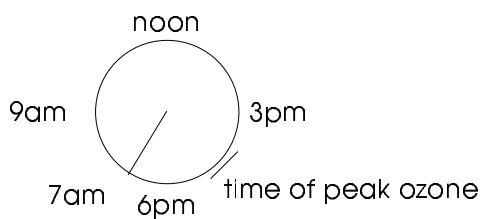
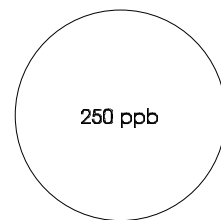
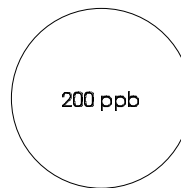
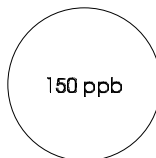
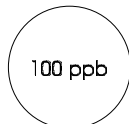
SAN FRANCISCO BAY AREA

03 Sep 1998



EQUATION: Revised, NO_y Version (alpha= 0.667, beta= 19.000, O₃(0)= 40.000, no NO_y correction)

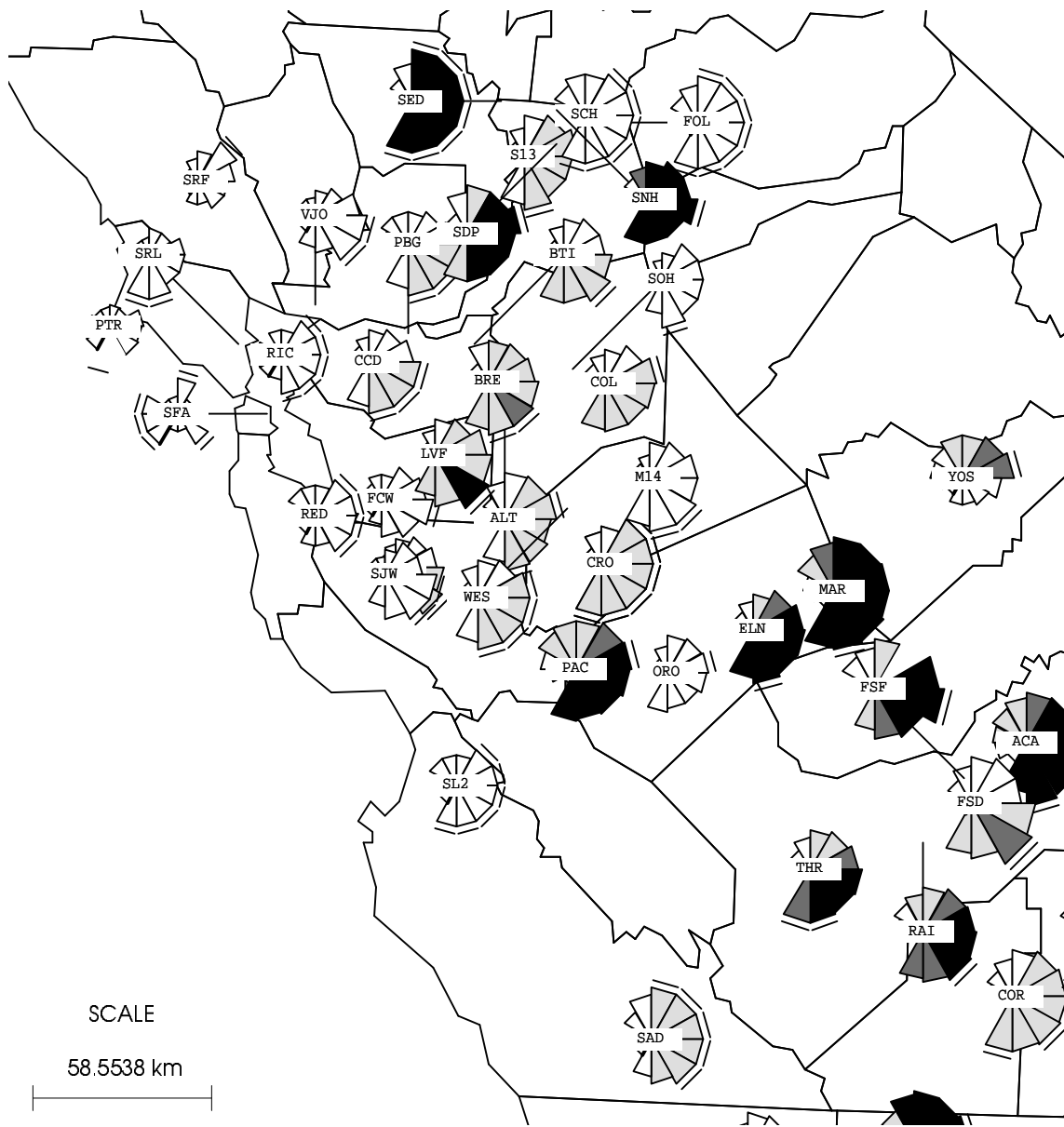
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

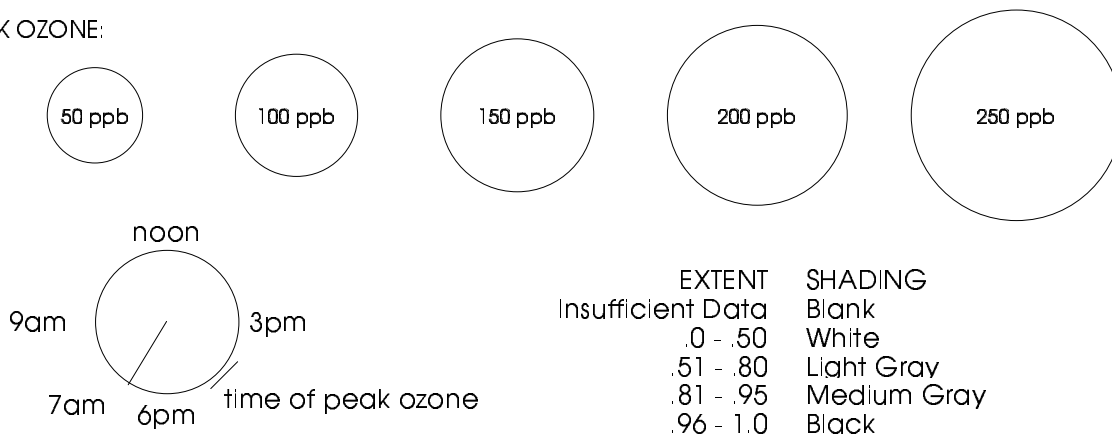
SJVAQS-NORTH

05 Aug 1990



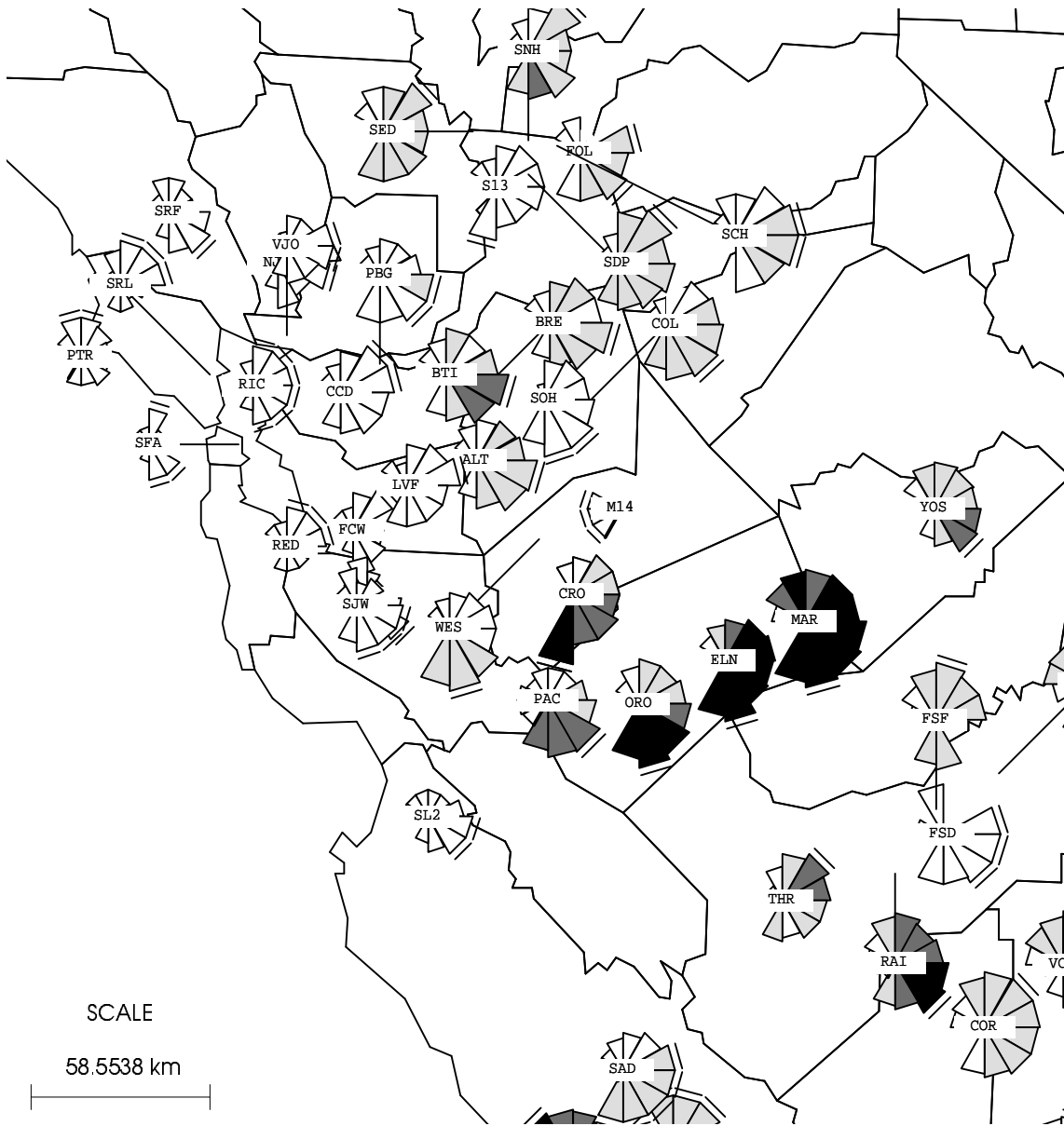
EQUATION: Revised, NOy Version (alpha= 0.667, beta= 19.000, O3(0)= 40.000, no NOy correction)

PEAK OZONE:



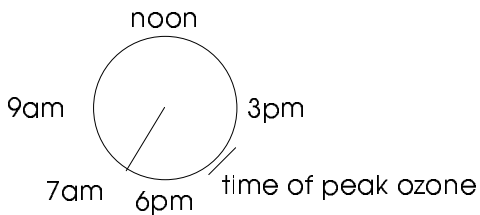
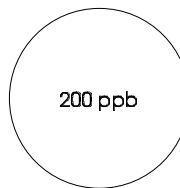
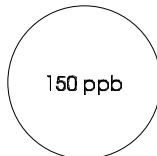
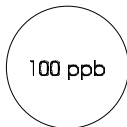
SJVAQS-NORTH

06 Aug 1990



EQUATION: Revised, NOy Version (alpha= 0.667, beta= 19.000, O3(0)= 40.000, no NOy correction)

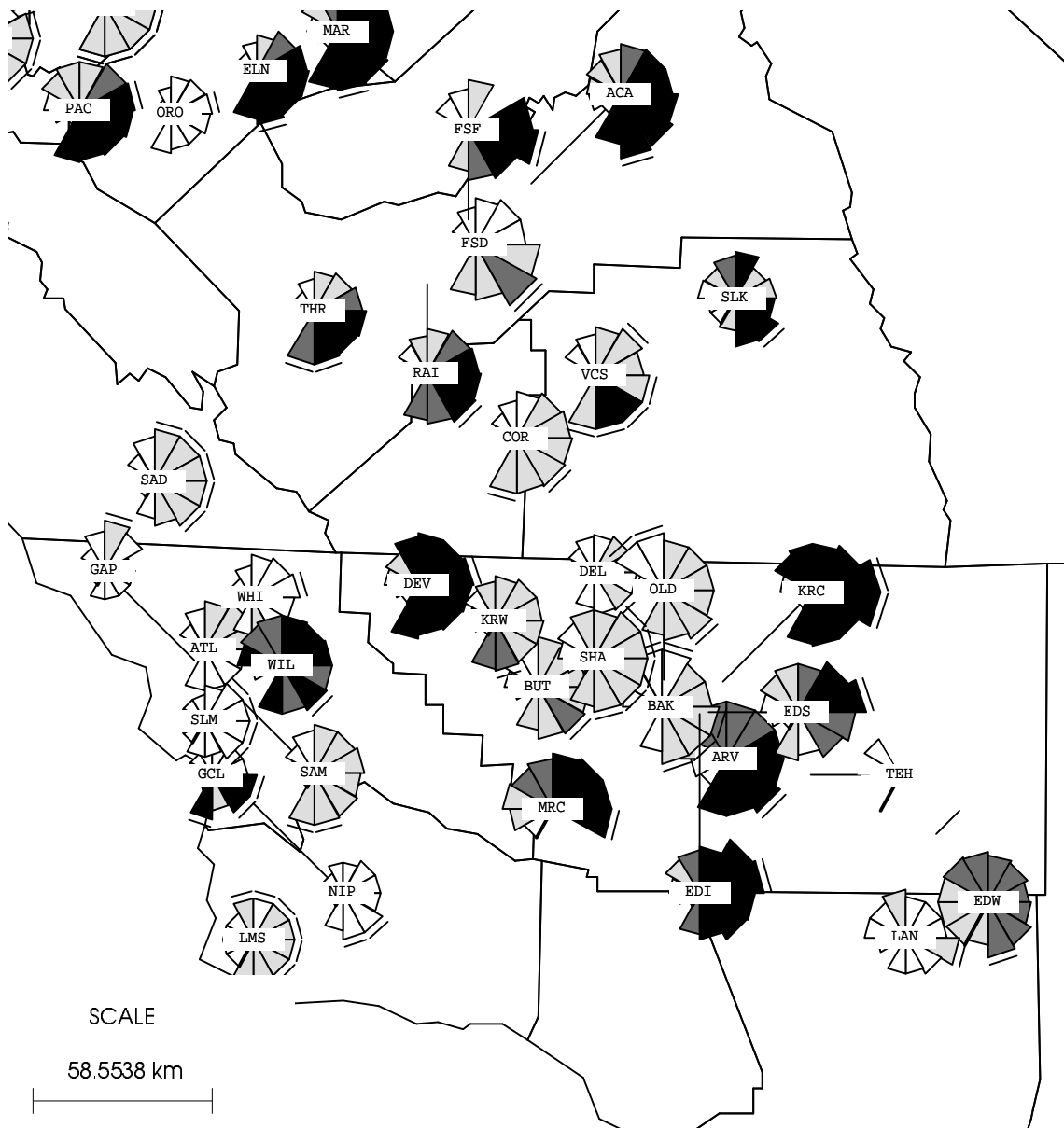
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

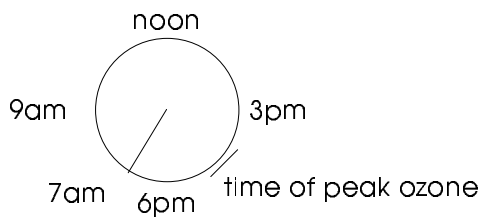
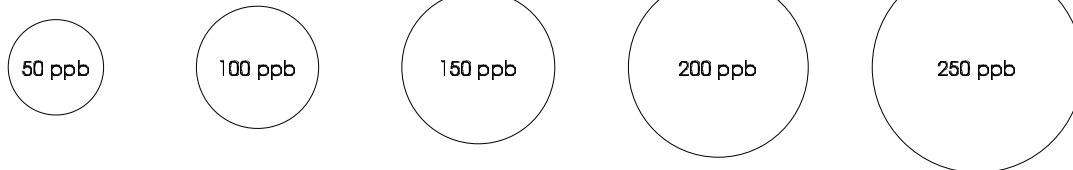
SJVAQS-SOUTH

05 Aug 1990



EQUATION: Revised, NOy Version (alpha= 0.667, beta= 19.000, O3(0)= 40.000, no NOy correction)

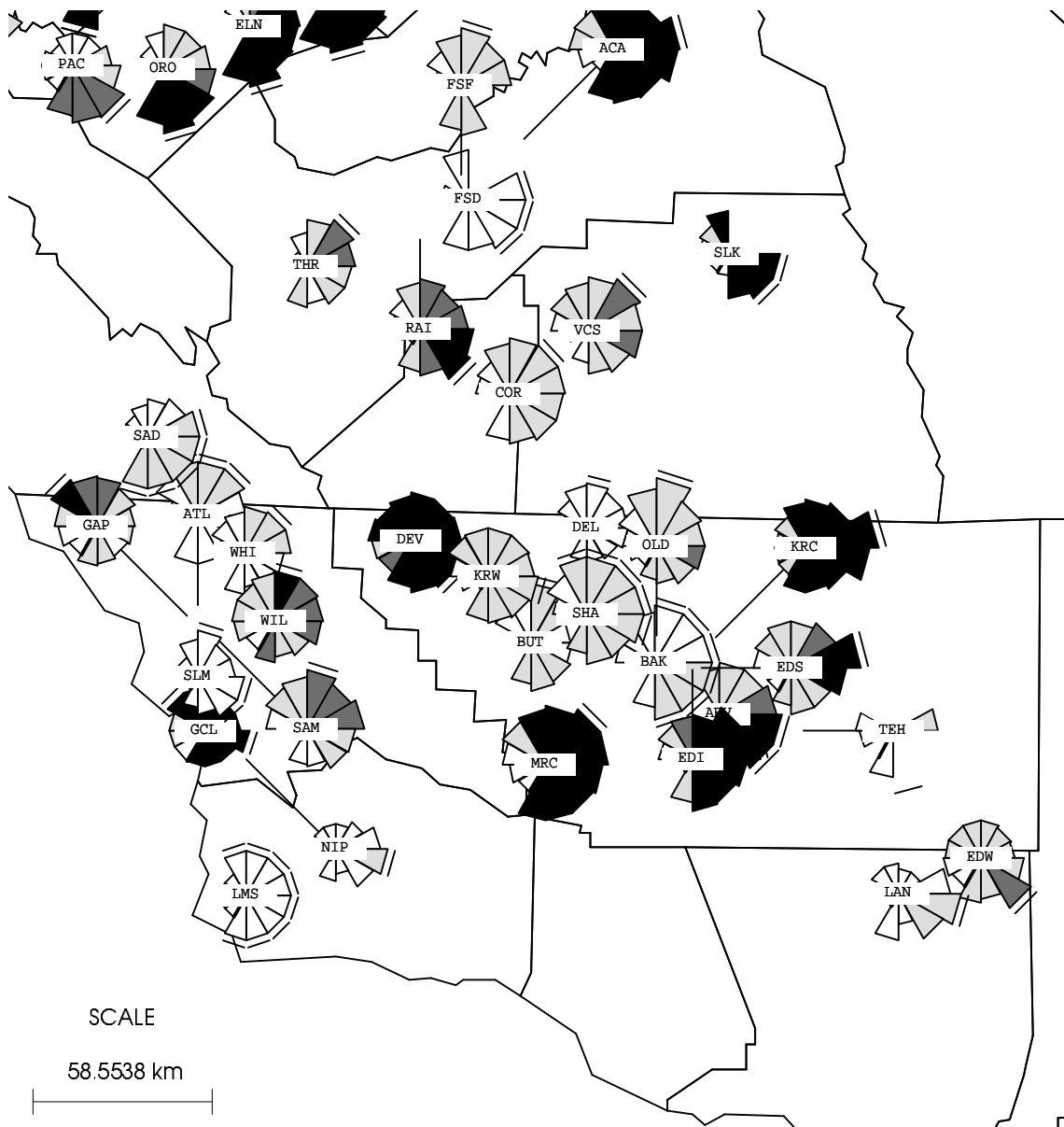
PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black

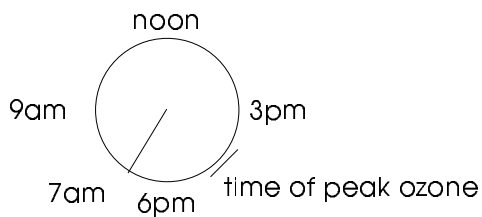
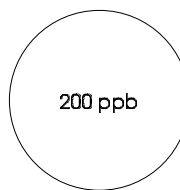
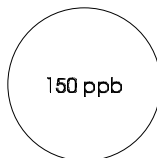
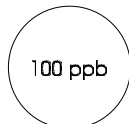
SJVAQS-SOUTH

06 Aug 1990



EQUATION: Revised, NOy Version (alpha= 0.667, beta= 19.000, O3(0)= 40.000, no NOy correction)

PEAK OZONE:



EXTENT	SHADING
Insufficient Data	Blank
.0 - .50	White
.51 - .80	Light Gray
.81 - .95	Medium Gray
.96 - 1.0	Black