

Future Modeling Platform Base Year Determination

APPENDIX A 8-HOUR OZONE POTENTIAL FUTURE 65 PPB AND 70 PPB NAAQS 2010-12 DESIGN VALUE MAPS

October 9, 2013 FINAL

Hourly 2007-12 ozone data (including flagged data) were downloaded from EPA's AQS database (May 6, 2013 download) for all states east of the Rocky Mountains. Data handling conventions in 40 CFR 50 Appendix P were followed to calculate 8-hour ozone Design Values with changed cut points due to the level of the future potential standard. Analyses were by counties so the Design Value in a county reflects the maximum Design Value of all the monitoring sites in that county. Figures A-1 to A-5 show Design Values for a potential future 65 ppb 8-hour Ozone NAAQS for the regional planning areas in the Northeast, Midwest, South and Central states. Figures A-6 to A-10 shows Design Values for a potential future 70 ppb 8-hour Ozone NAAQS.

FIGURE A-1: 2012 Design Value if the Ozone NAAQS is 65 ppb

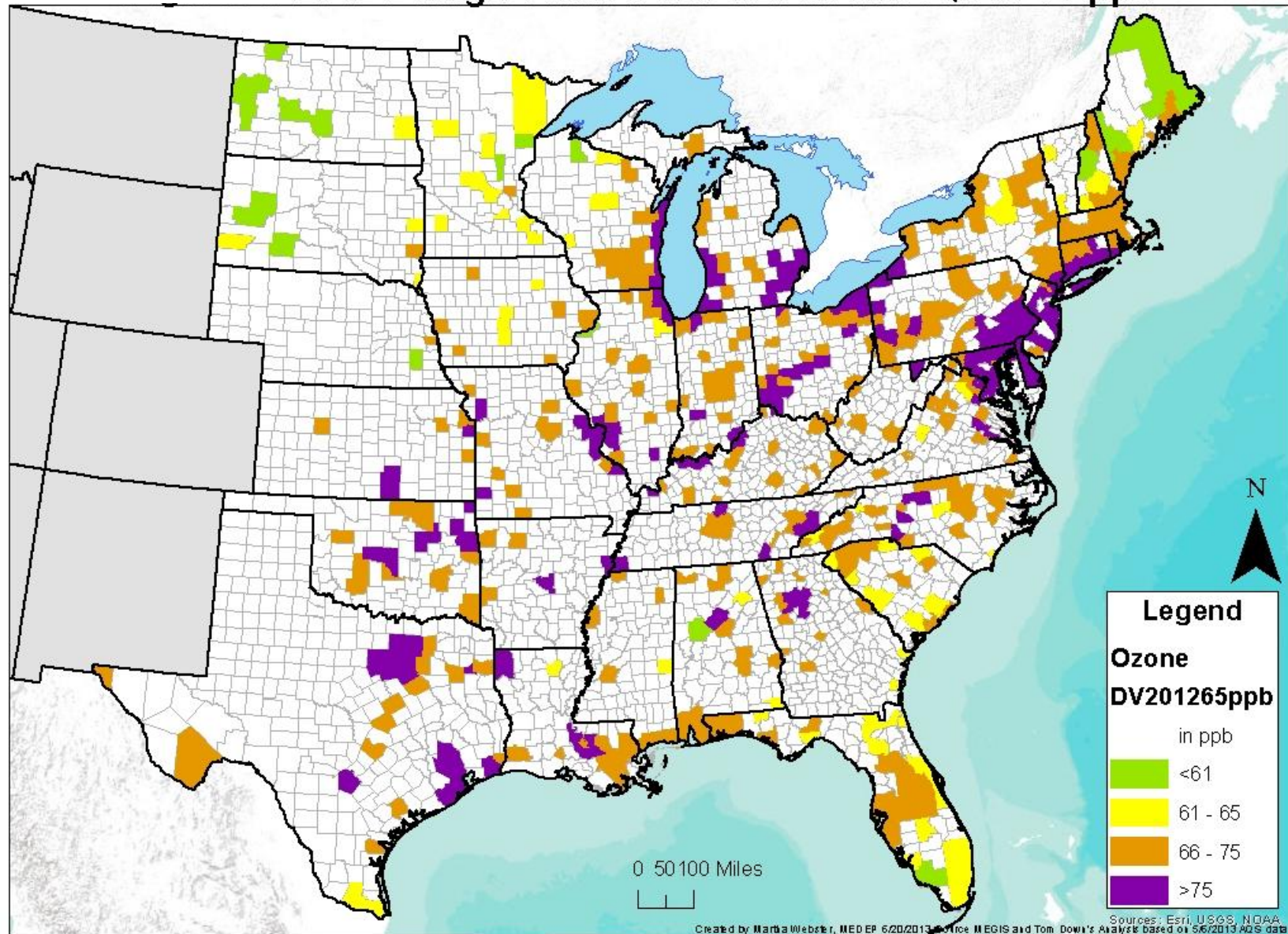


FIGURE A-2:
OTR 65ppb Ozone NAAQS: 2012 Design Value

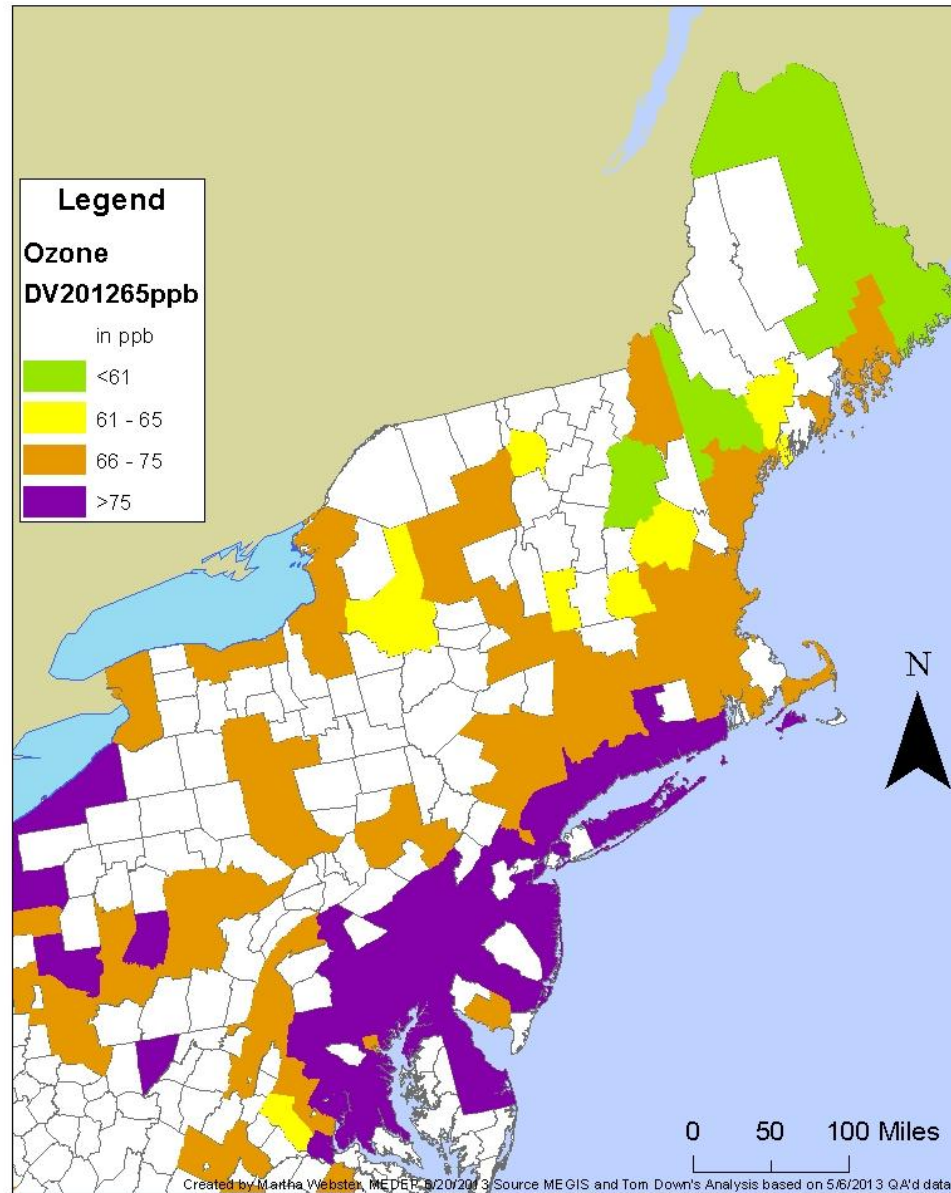


FIGURE A-3:
MRPO County 2010-2012 Ozone Design Value if NAAQS at 65ppb

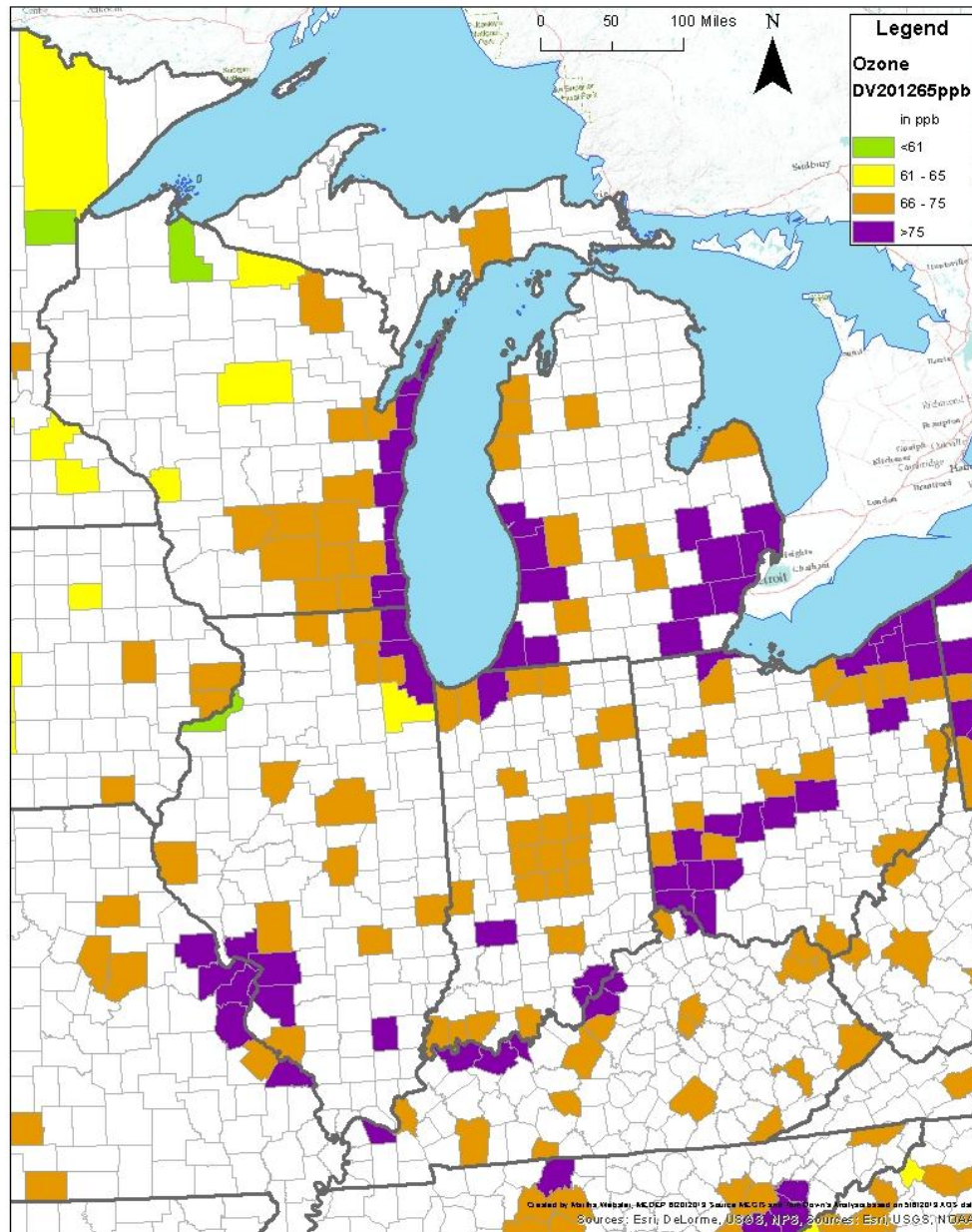


FIGURE A-4:
SEMAP/VISTAS County 2010-2012 Ozone Design Value if NAAQS at 65 ppb

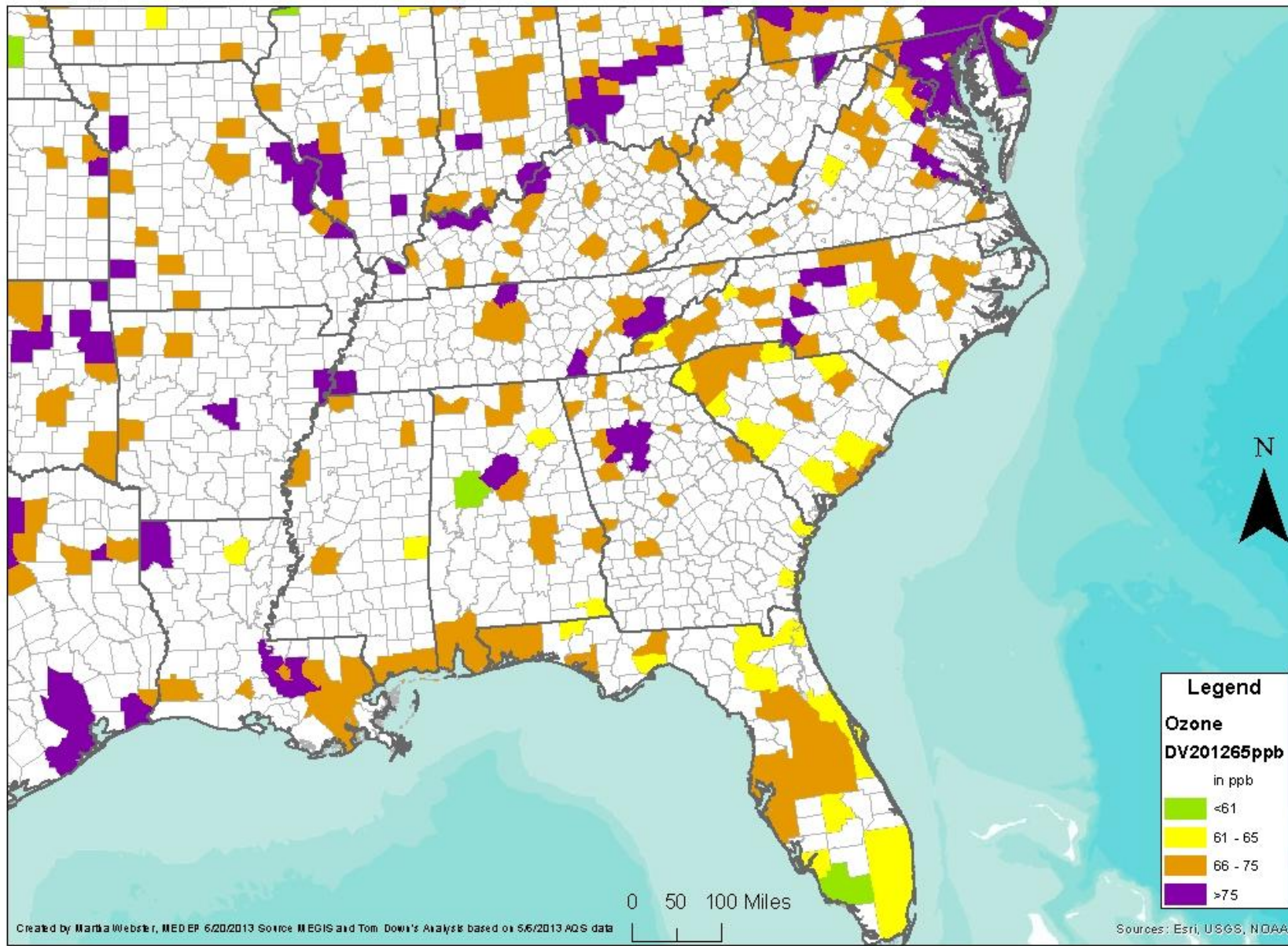


FIGURE A-5:
CenRAP, ND & SD County 2010-2012 Ozone Design Value in NAAQS at 65ppb

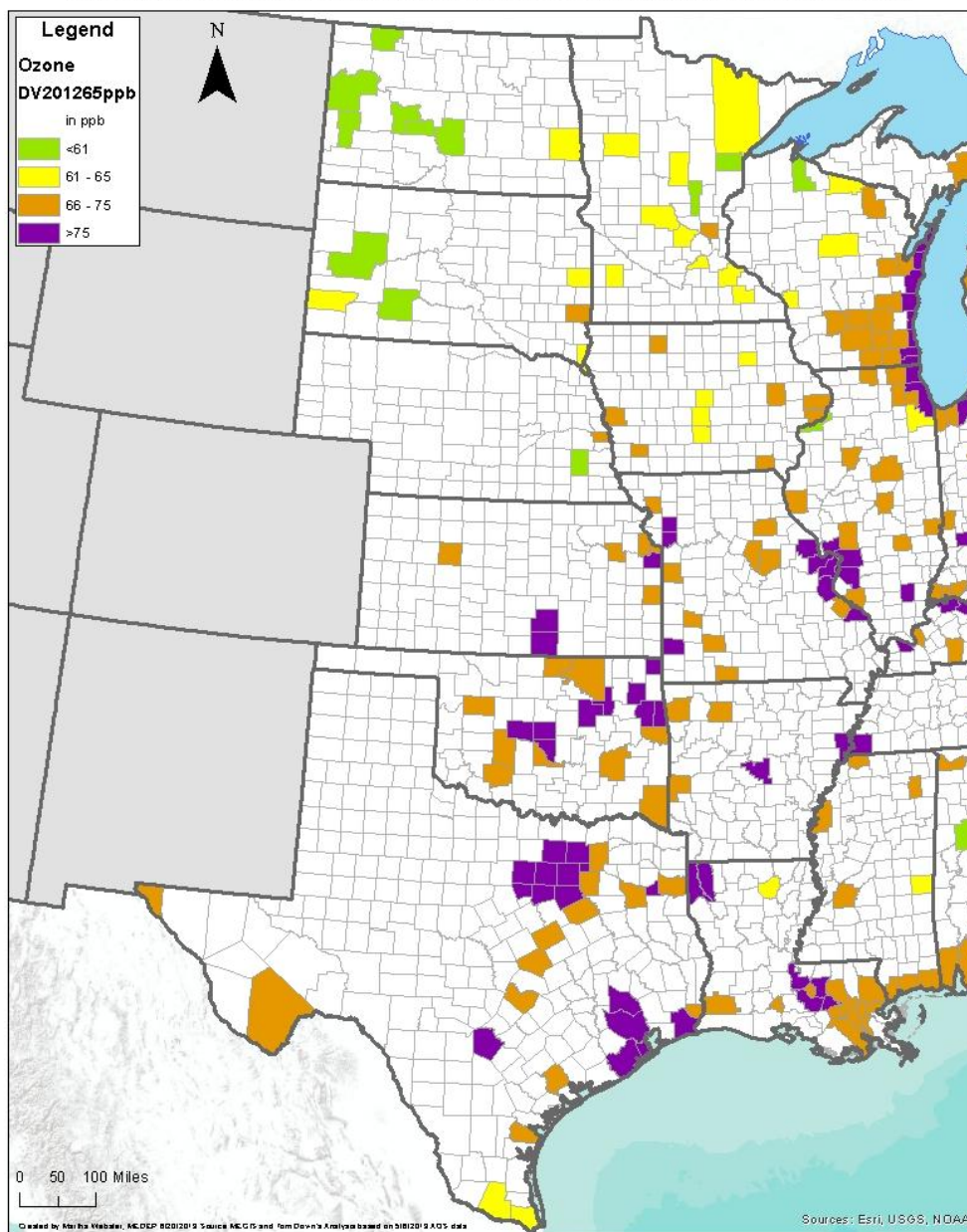


FIGURE A-6: 2012 Design Value if the Ozone NAAQS is 70 ppb

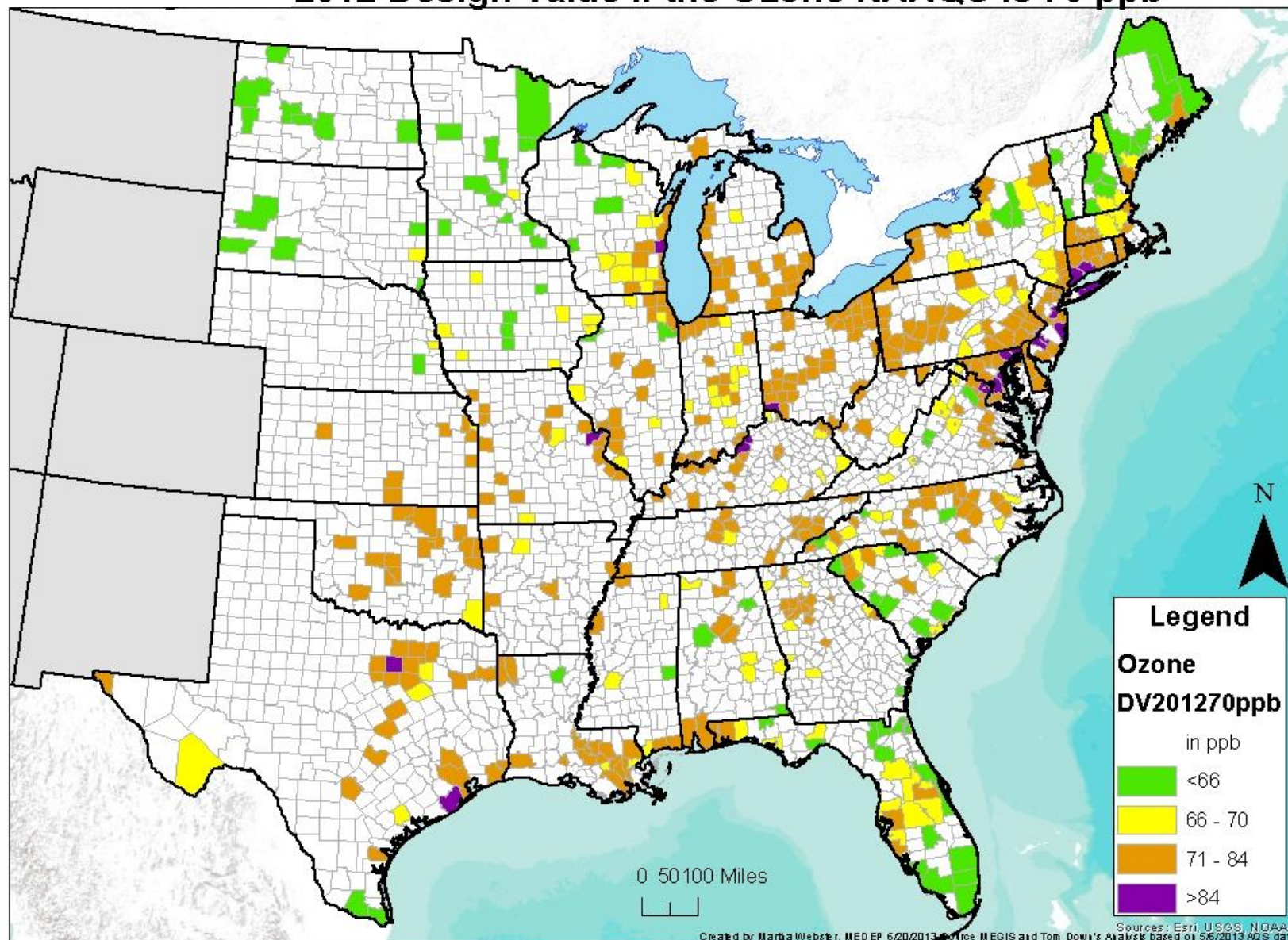


FIGURE A-7:
OTR 70ppb Ozone NAAQS: 2012 Design Value

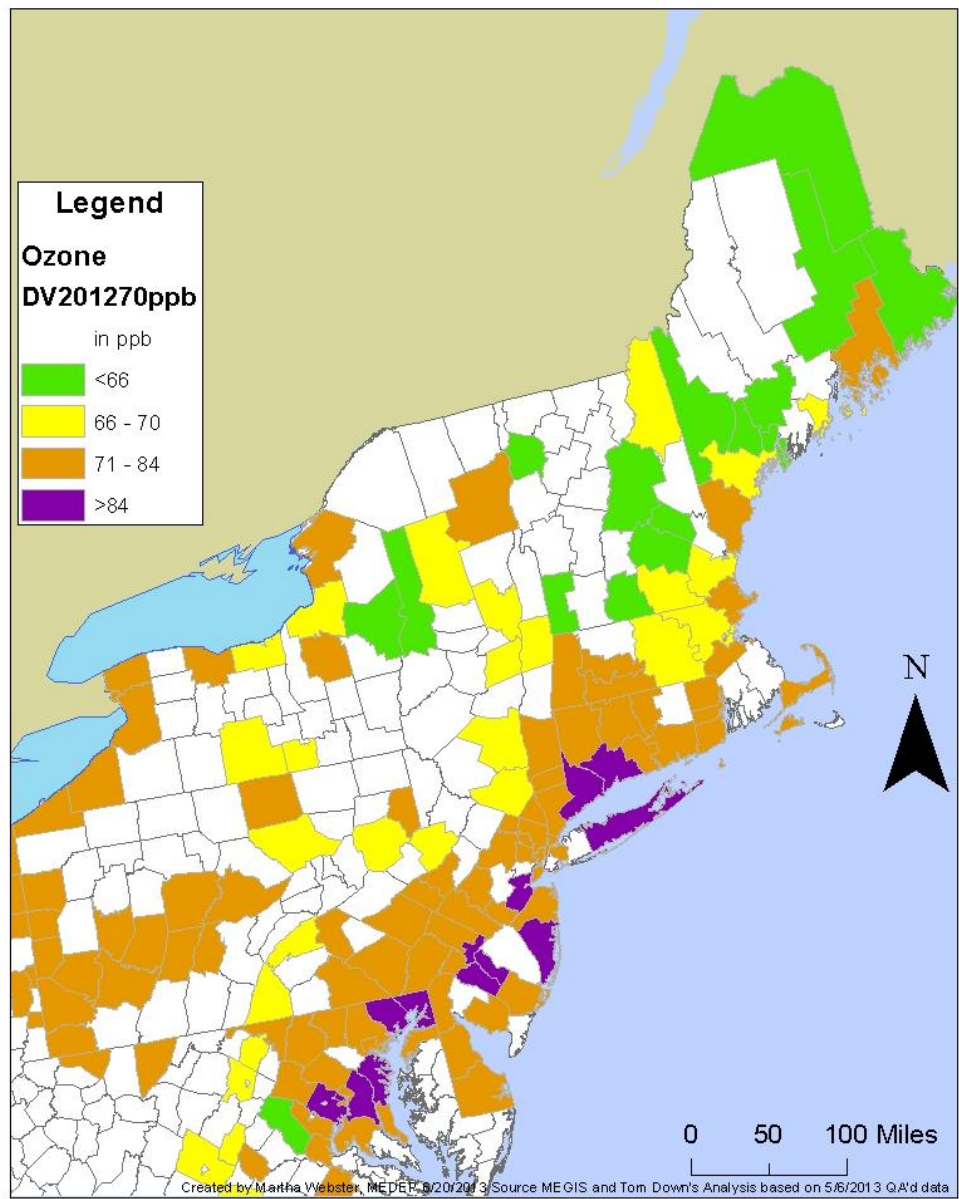


FIGURE A-8:

MRPO County 2010-2012 Ozone Design Value if NAAQS at 70ppb

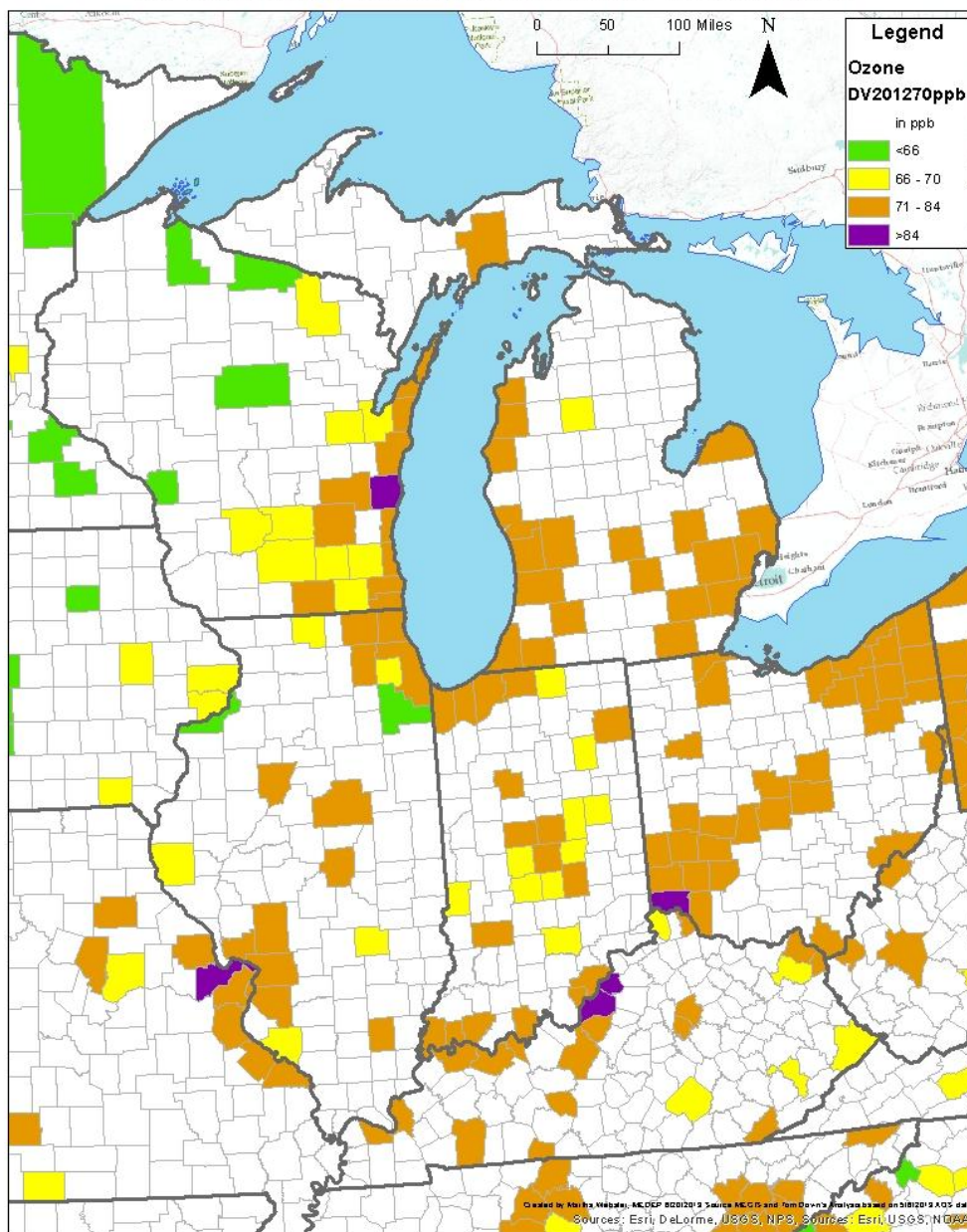


FIGURE A-9:
SEMAP/VISTAS County 2010-2012 Ozone Design Value if NAAQS at 70 ppb

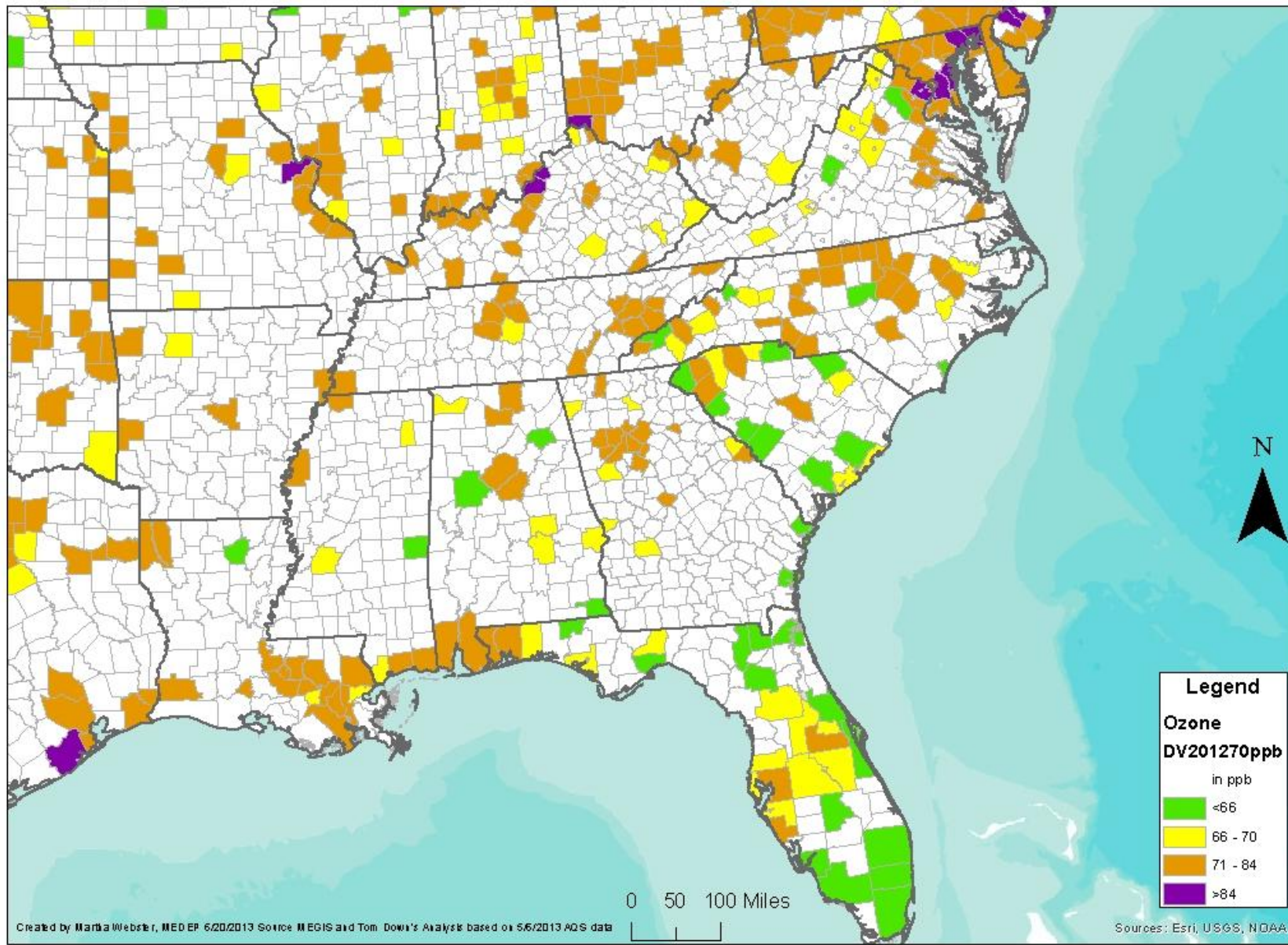


FIGURE A-10:

CenRAP, ND & SD County 2010-2012 Ozone Design Value in NAAQS at 70ppb

