

Future Modeling Platform Base Year Determination

APPENDIX B 8-HOUR OZONE 2007-12 4th HIGH AND NUMBER OF EVENTS MAPS

October 9, 2013 FINAL

Maps in this Appendix show the maximum 4th highest daily maximum 8-hour ozone concentration of all sites in a county and the number of event days in a county. An event day is when any of the monitoring sites in a county recorded an 8-hour ozone concentration greater than the potential future 8-hour ozone NAAQS.

The following maps by regional planning organizations are for the potential future 65 ppb 8-hour Ozone NAAQS

- Figures B-1 to B-6 Ozone Transport Region (OTR)
- Figure B-7 to B-12 Midwest Regional Planning Organization (MRPO)
- Figure B-13 to B-18 Visibility Improvement - State and Tribal Association of the Southeast (VISTAS)/Southeastern States Air Resources Managers (SESARM)
- Figure B-19 to B-24 Central Regional Air Planning Association (CENRAP) plus South Dakota and North Dakota portion of Western Regional Air Partnership (WRAP)

The following maps by regional planning organizations are for the potential future 70 ppb 8-hour Ozone NAAQS

- Figures B-25 to B-30 Ozone Transport Region (OTR)
- Figure B-31 to B-36 Midwest Regional Planning Organization (MRPO)
- Figure B-37 to B-42 Visibility Improvement - State and Tribal Association of the Southeast (VISTAS)/Southeastern States Air Resources Managers (SESARM)
- Figure B-43 to B-48 Central Regional Air Planning Association (CENRAP) plus South Dakota and North Dakota portion of Western Regional Air Partnership (WRAP)

FIGURE B-1:

65ppb Ozone NAAQS: 2007 4th High 8-hr/Number of Days > NAAQS

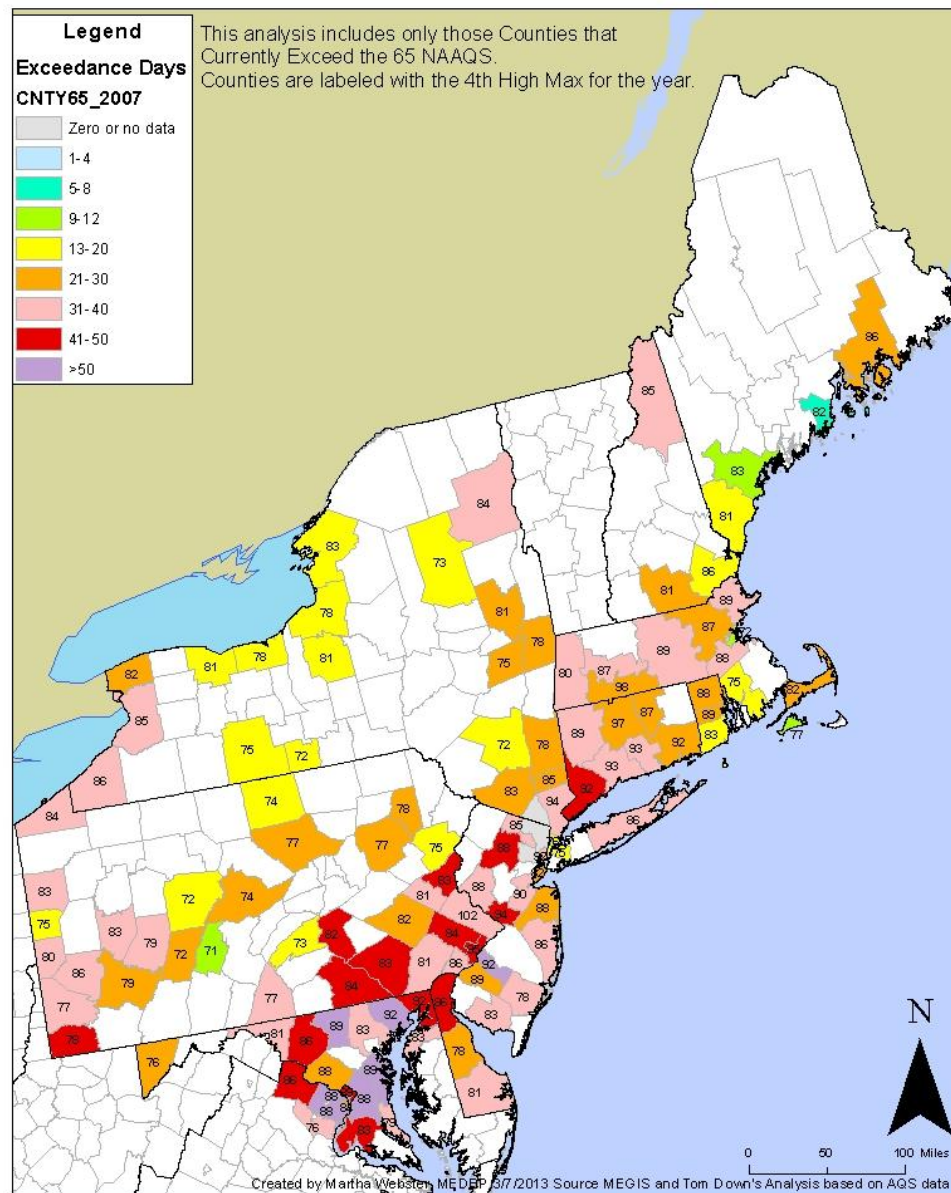


FIGURE B-2:
65ppb Ozone NAAQS: 2008 4th High 8-hr/Number of Days > NAAQS

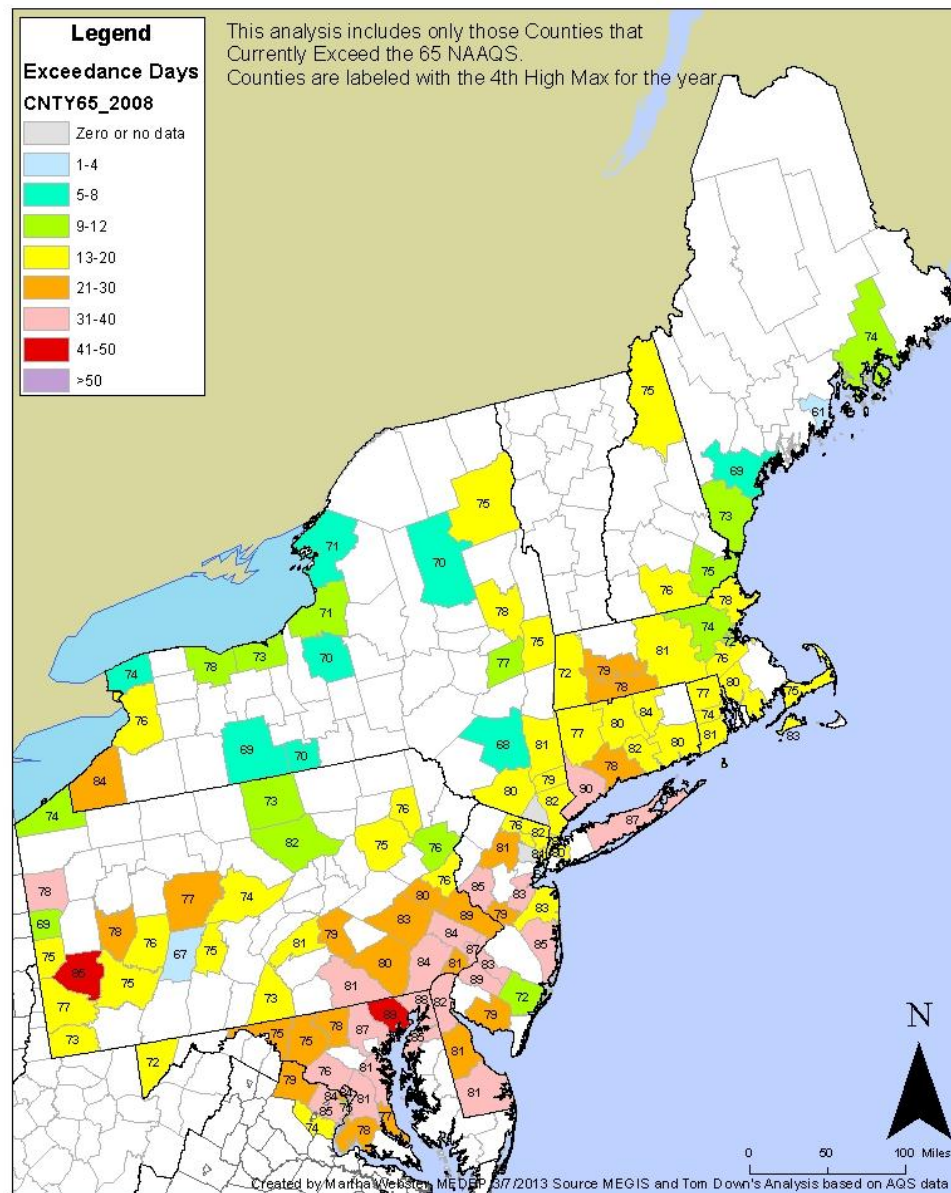


FIGURE B-3:
65ppb Ozone NAAQS: 2009 4th High 8-hr/Number of Days > NAAQS

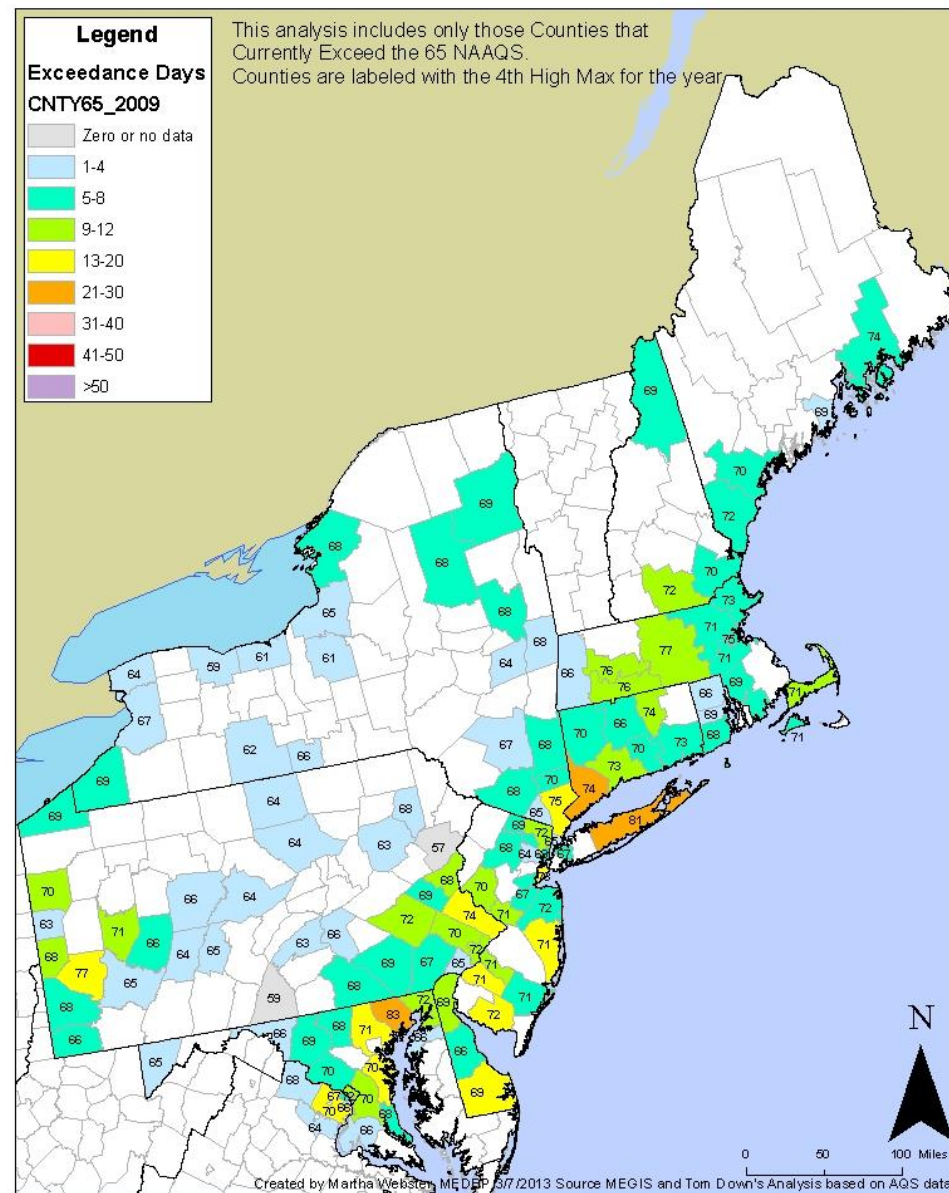


FIGURE B-4:
65ppb Ozone NAAQS: 2010 4th High 8-hr/Number of Days > NAAQS

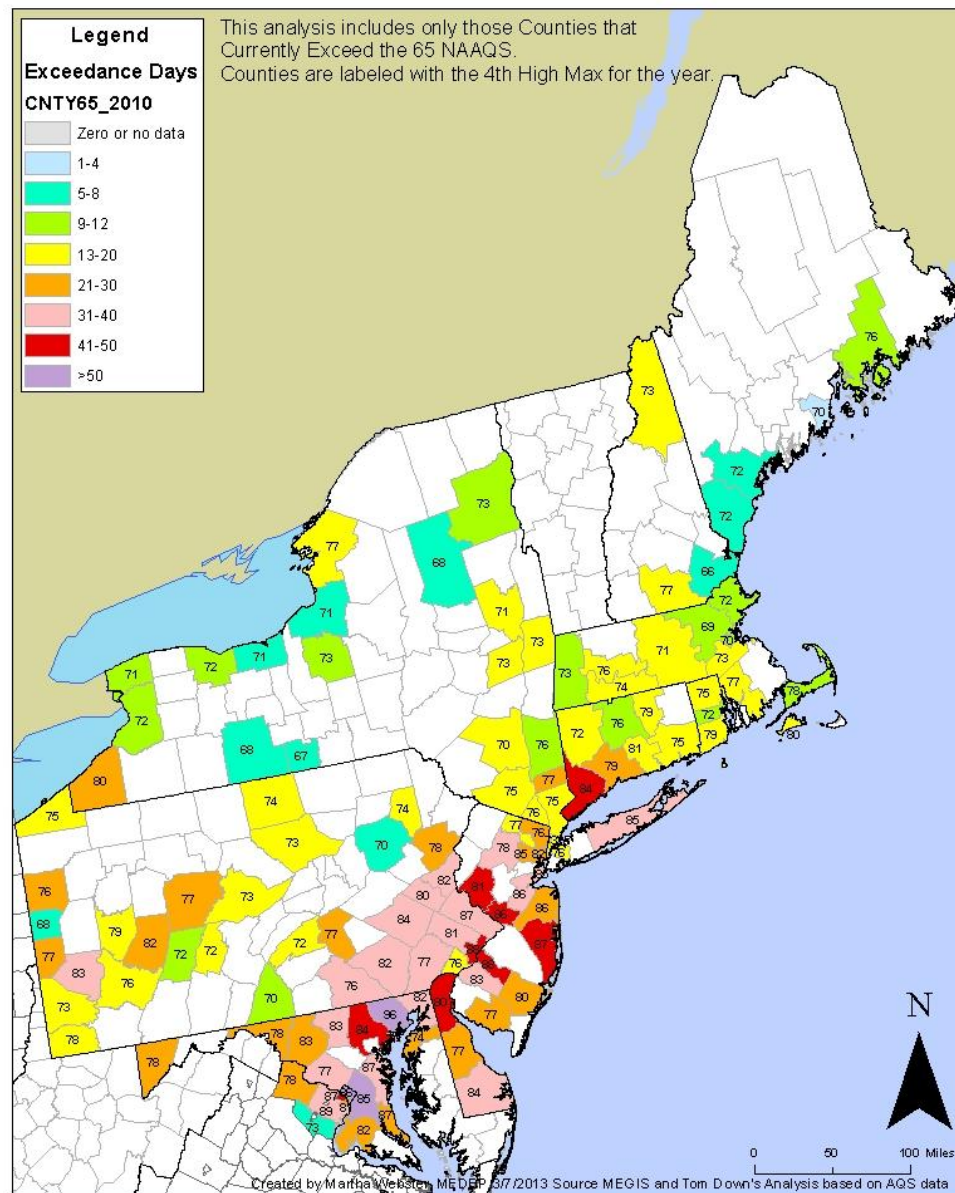


FIGURE B-5:
65ppb Ozone NAAQS: 2011 4th High 8-hr/Number of Days > NAAQS

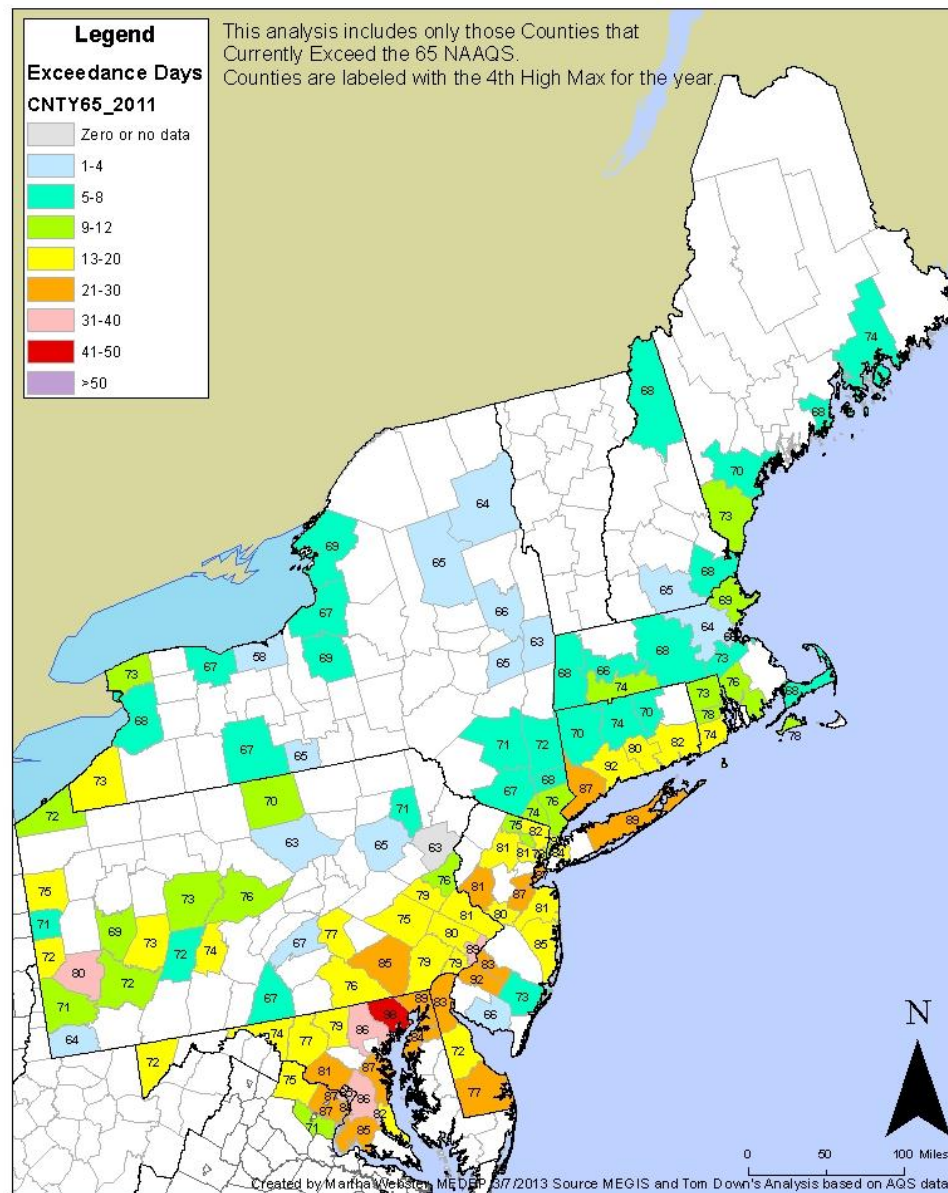


FIGURE B-6:
65ppb Ozone NAAQS: 2012 4th High 8-hr/Number of Days > NAAQS

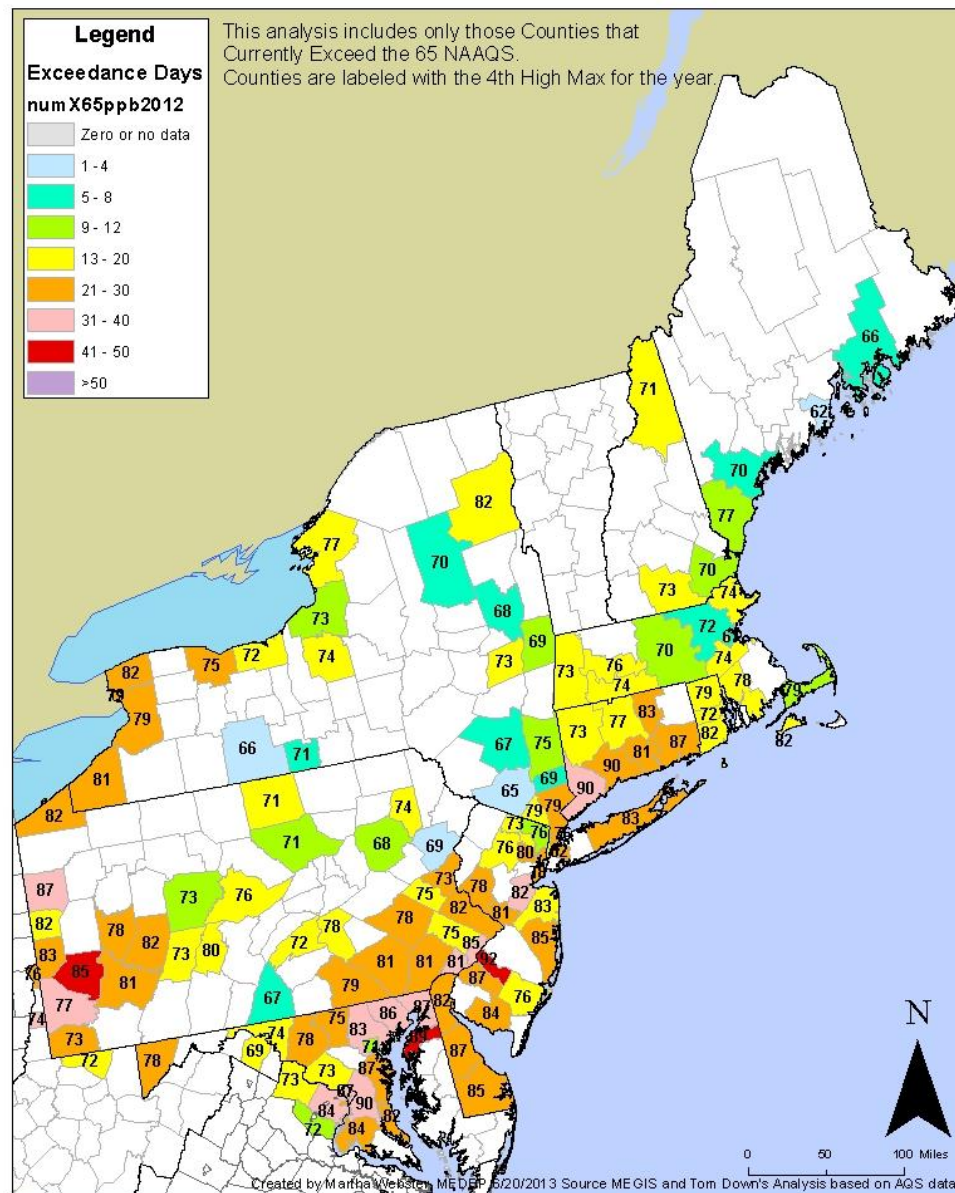


FIGURE B-7:

MRPO 65ppb Ozone NAAQS: 2007 4th High 8hr/Number of Days > NAAQS

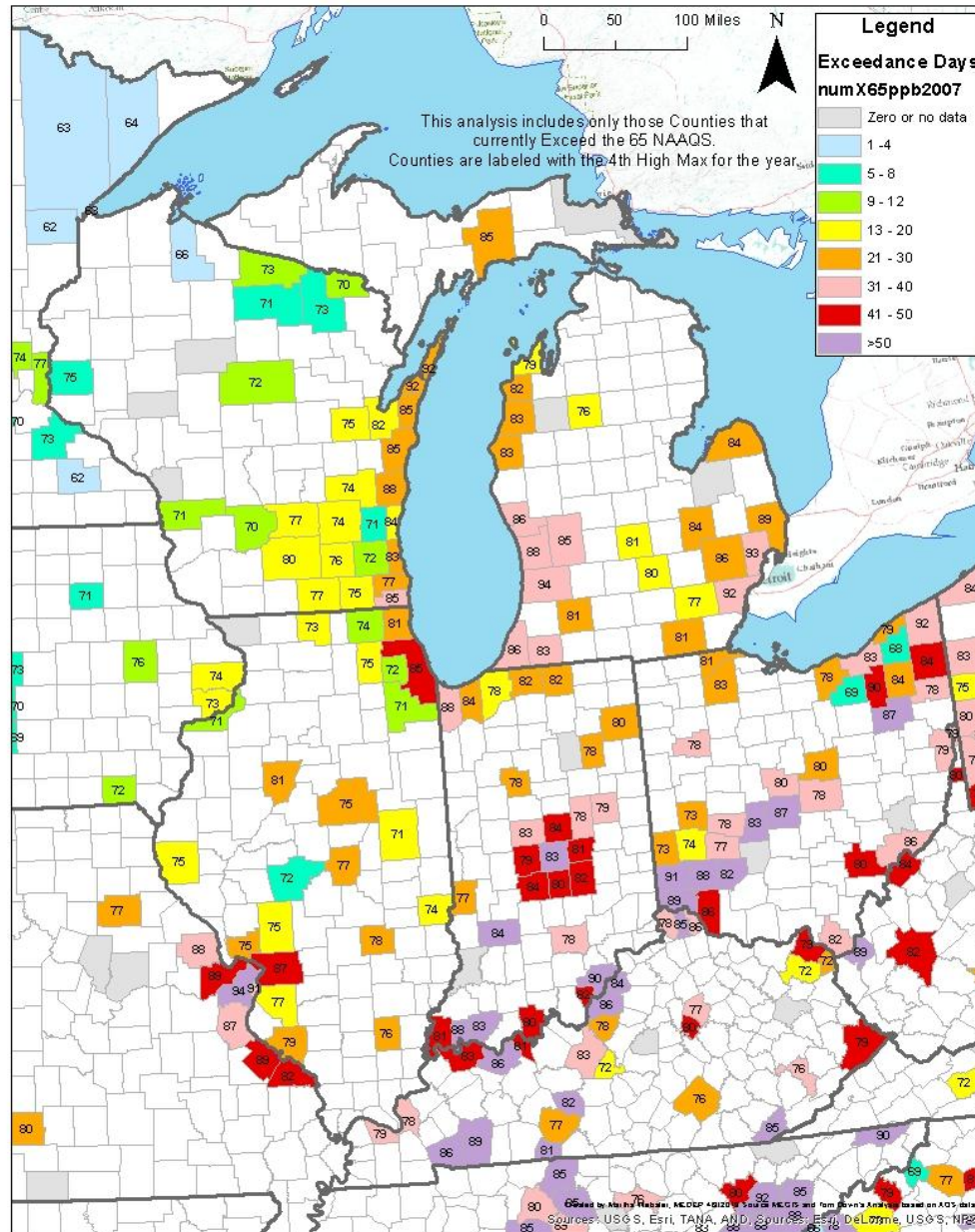


FIGURE B-8:

MRPO 65ppb Ozone NAAQS: 2008 4th High 8hr/Number of Days > NAAQS

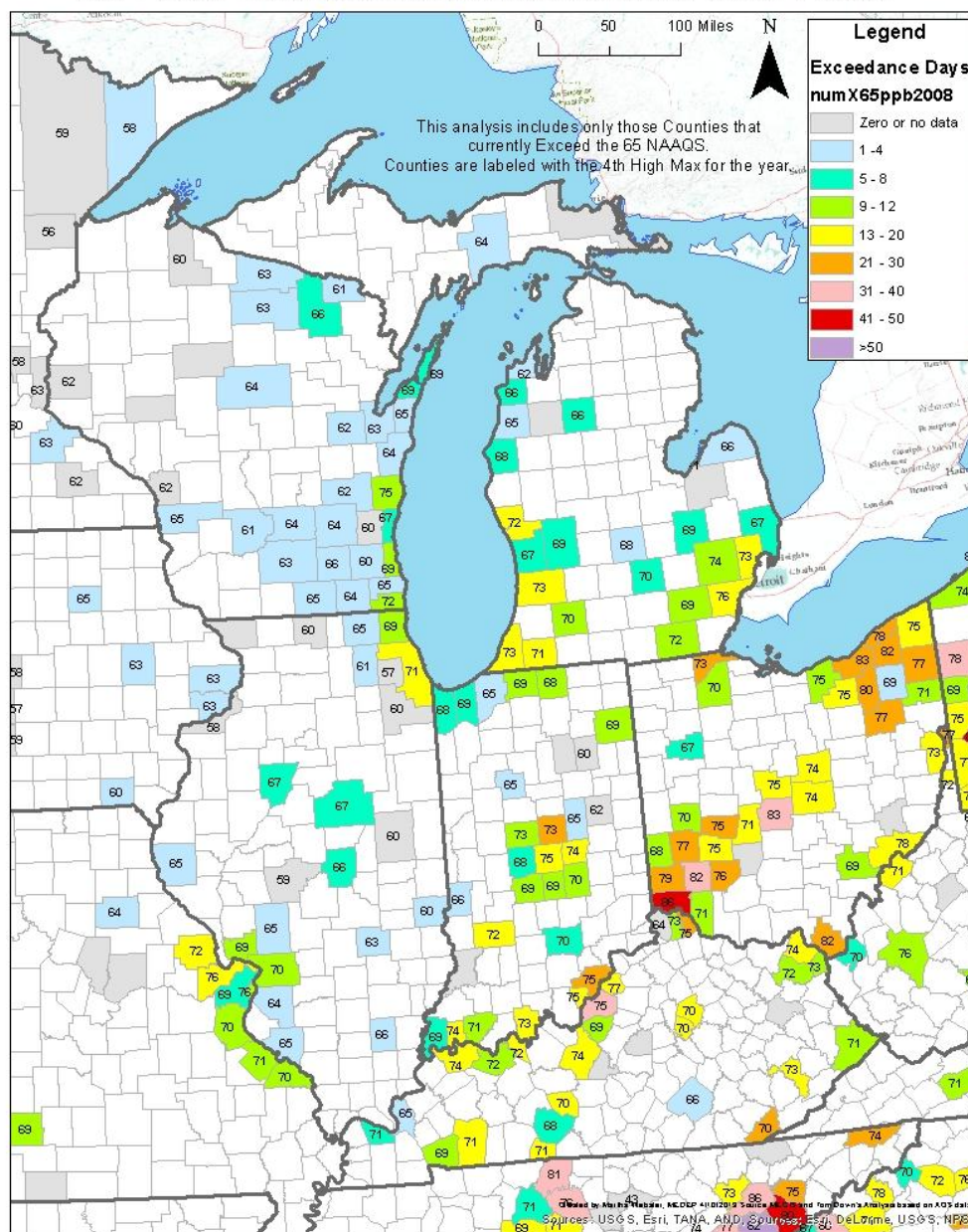


FIGURE B-9:

MRPO 65ppb Ozone NAAQS: 2009 4th High 8hr/Number of Days > NAAQS

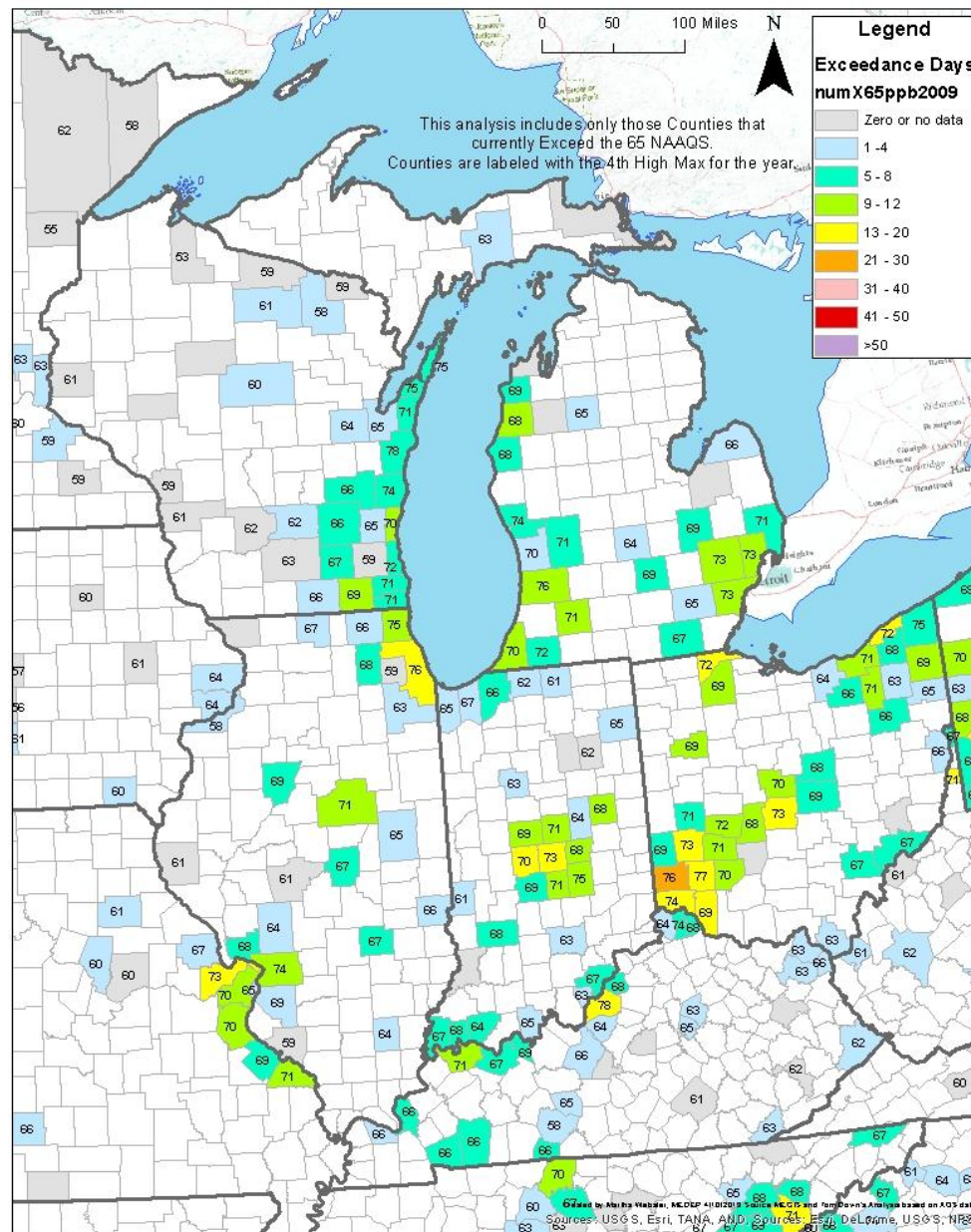


FIGURE B-10:

MRPO 65ppb Ozone NAAQS: 2010 4th High 8hr/Number of Days > NAAQS

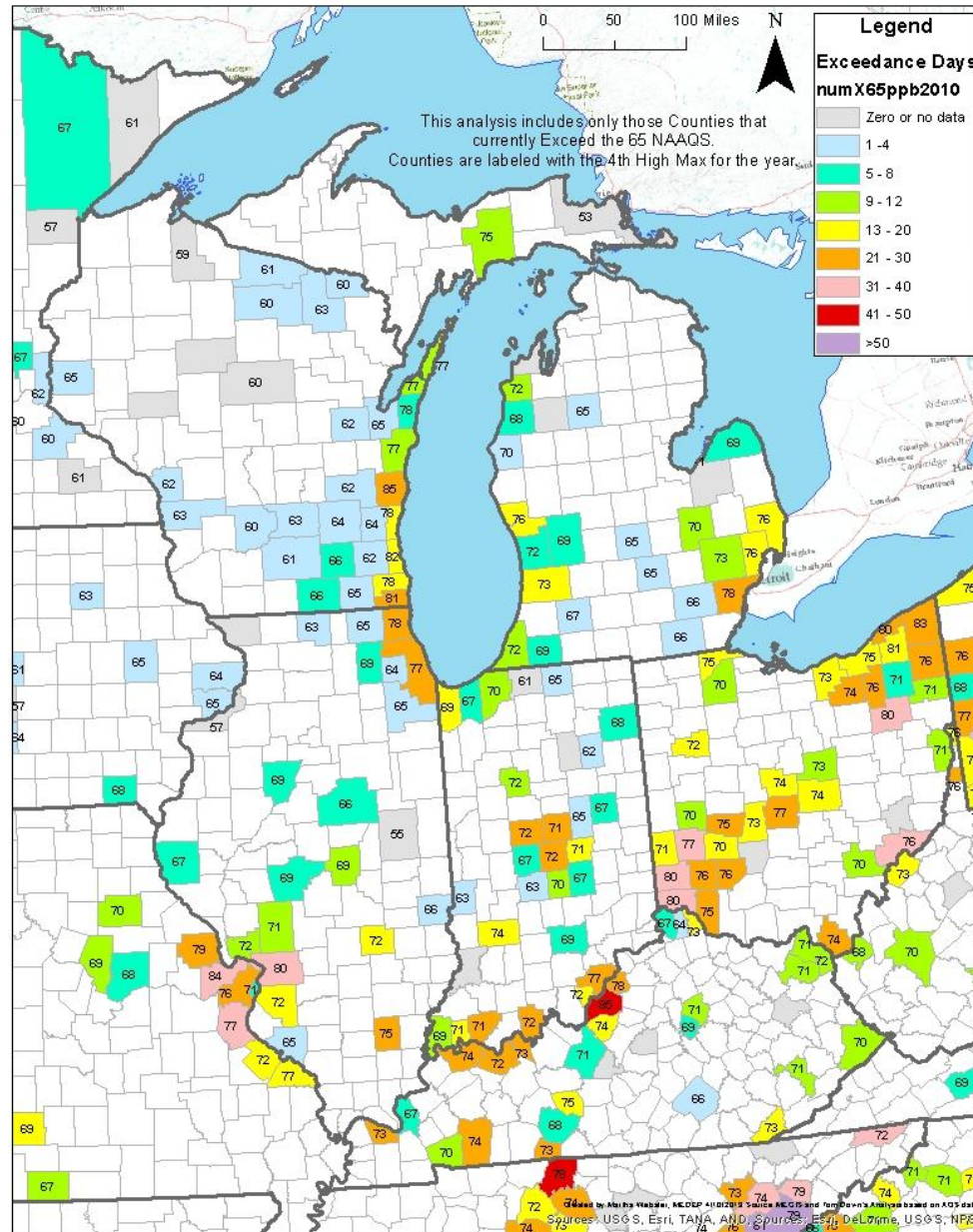


FIGURE B-11:

MRPO 65ppb Ozone NAAQS: 2011 4th High 8hr/Number of Days > NAAQS

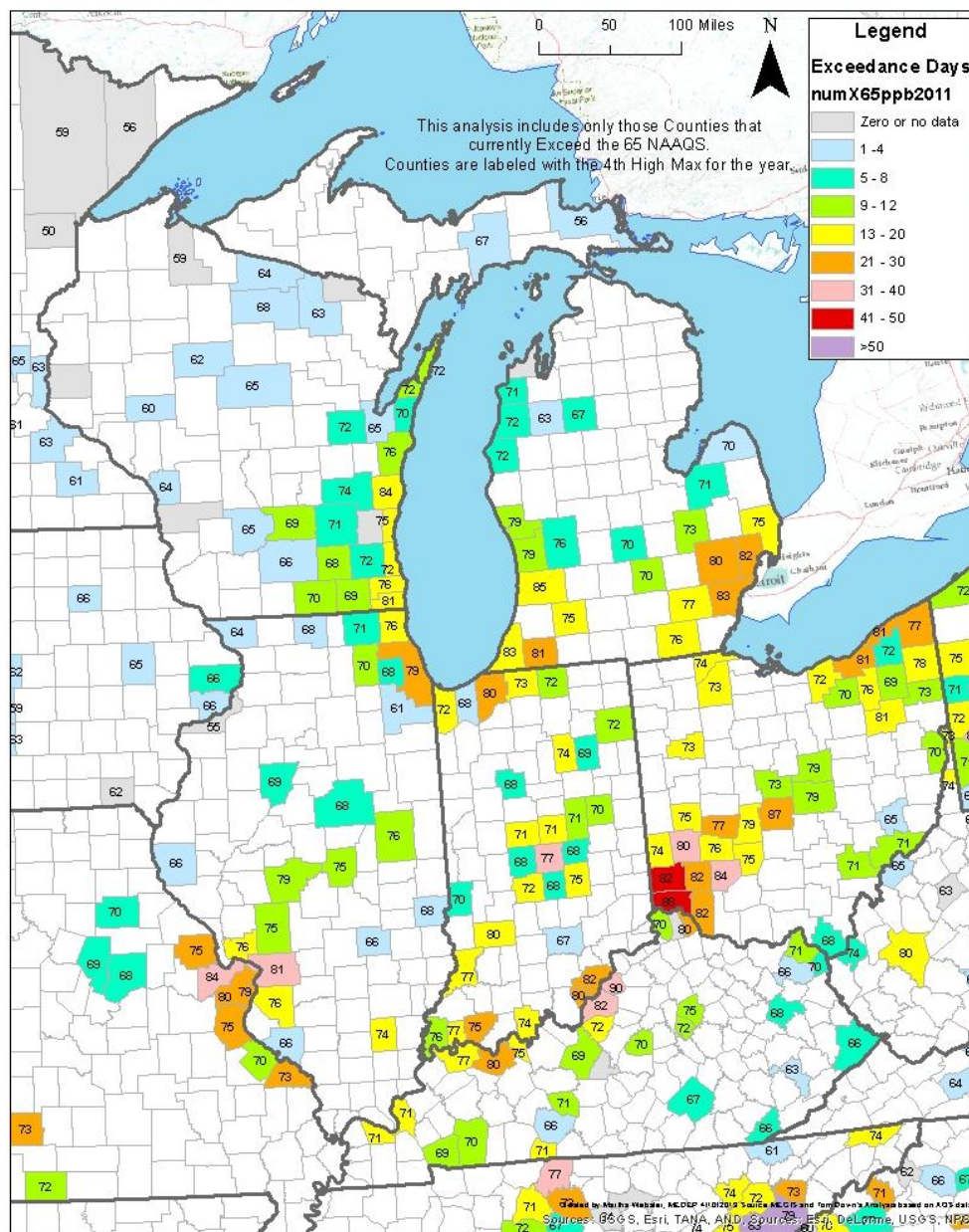


FIGURE B-12:

MRPO 65ppb Ozone NAAQS: 2012 4th High 8hr/Number of Days > NAAQS

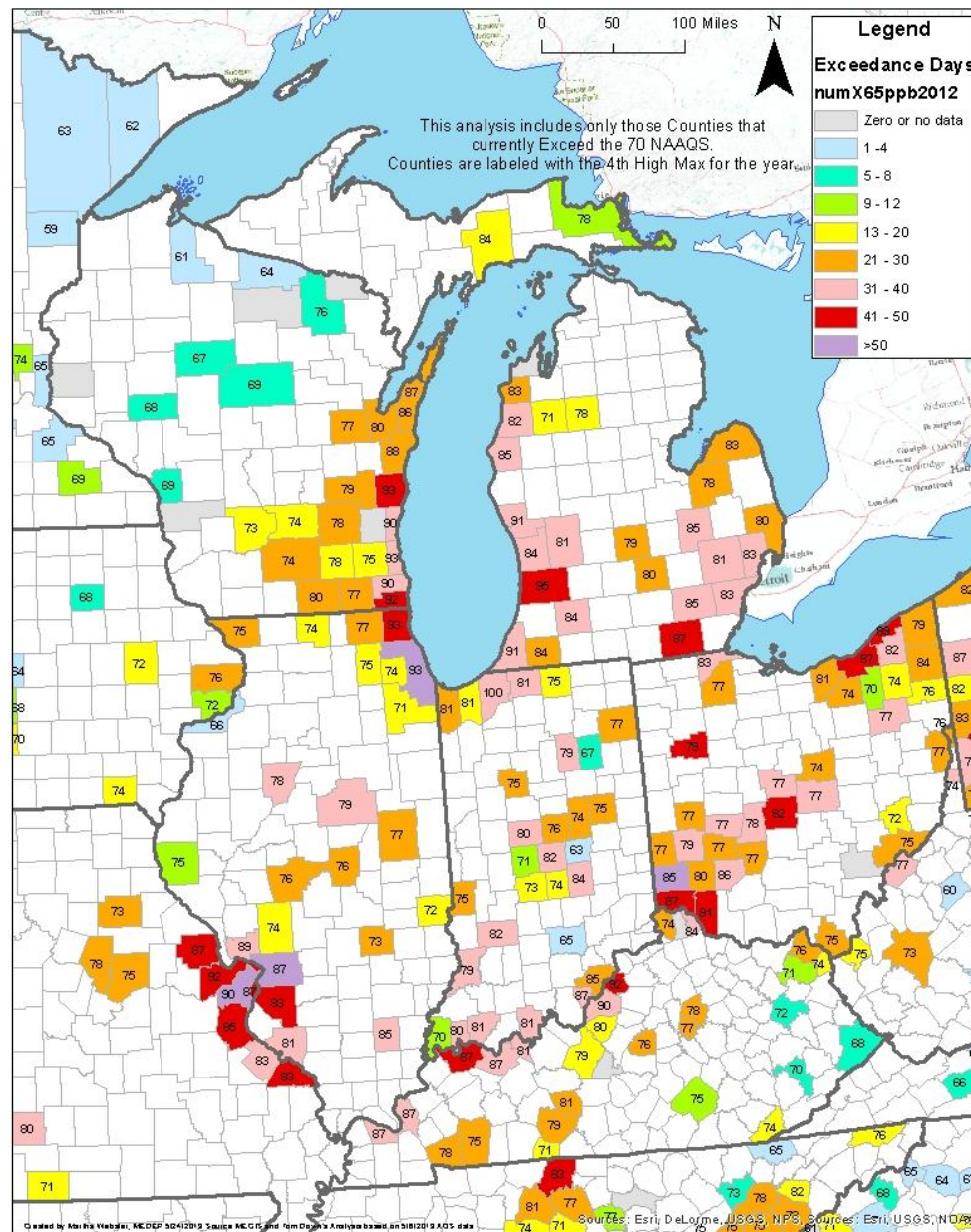


FIGURE B-13:

SEMAP/VISTAS 65ppb Ozone NAAQS: 2007 4th High 8-hr/Number of Days > NAAQS

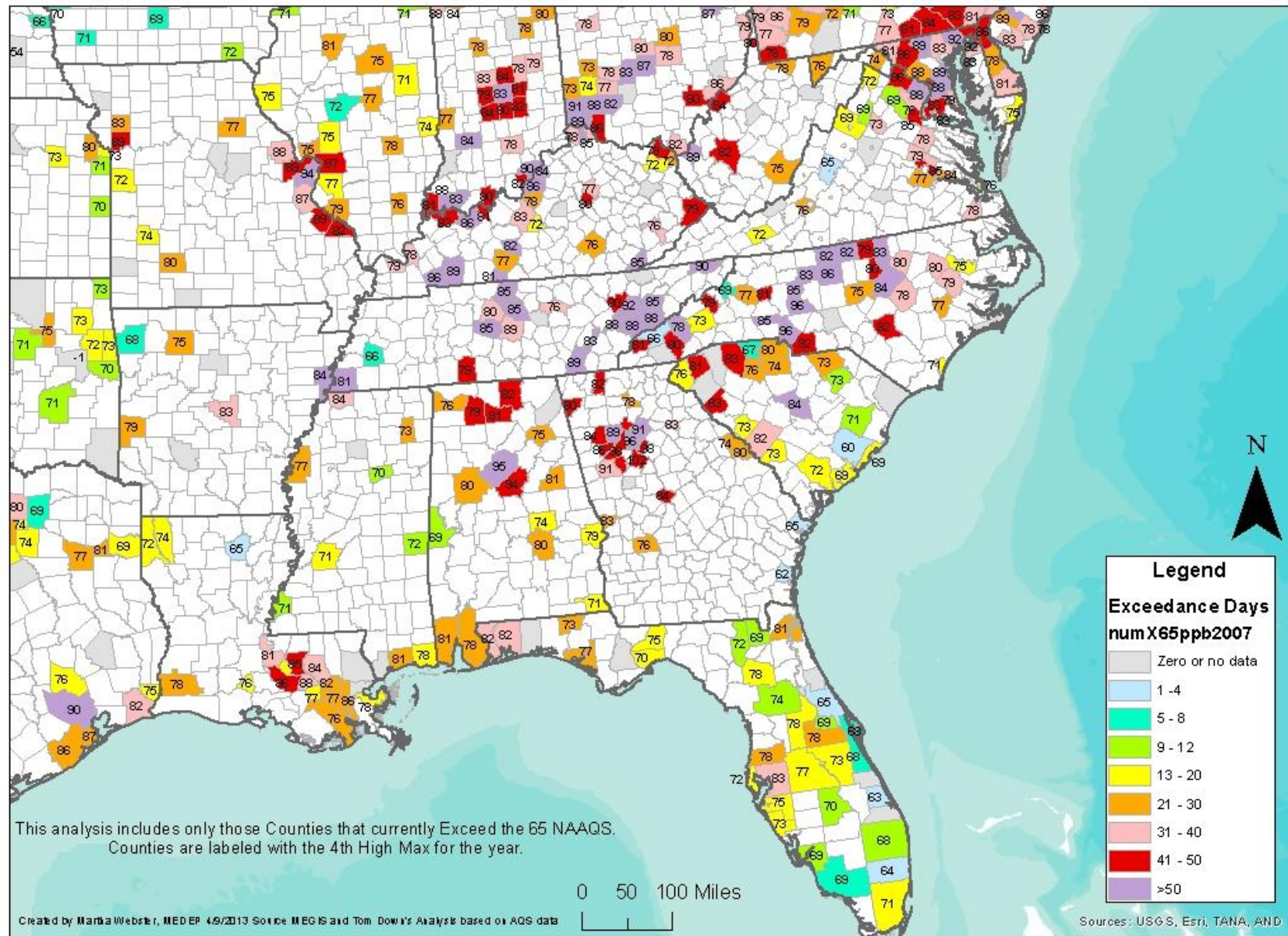


FIGURE B-14:

SEMAP/VISTAS 65ppb Ozone NAAQS: 2008 4th High 8-hr/Number of Days > NAAQS

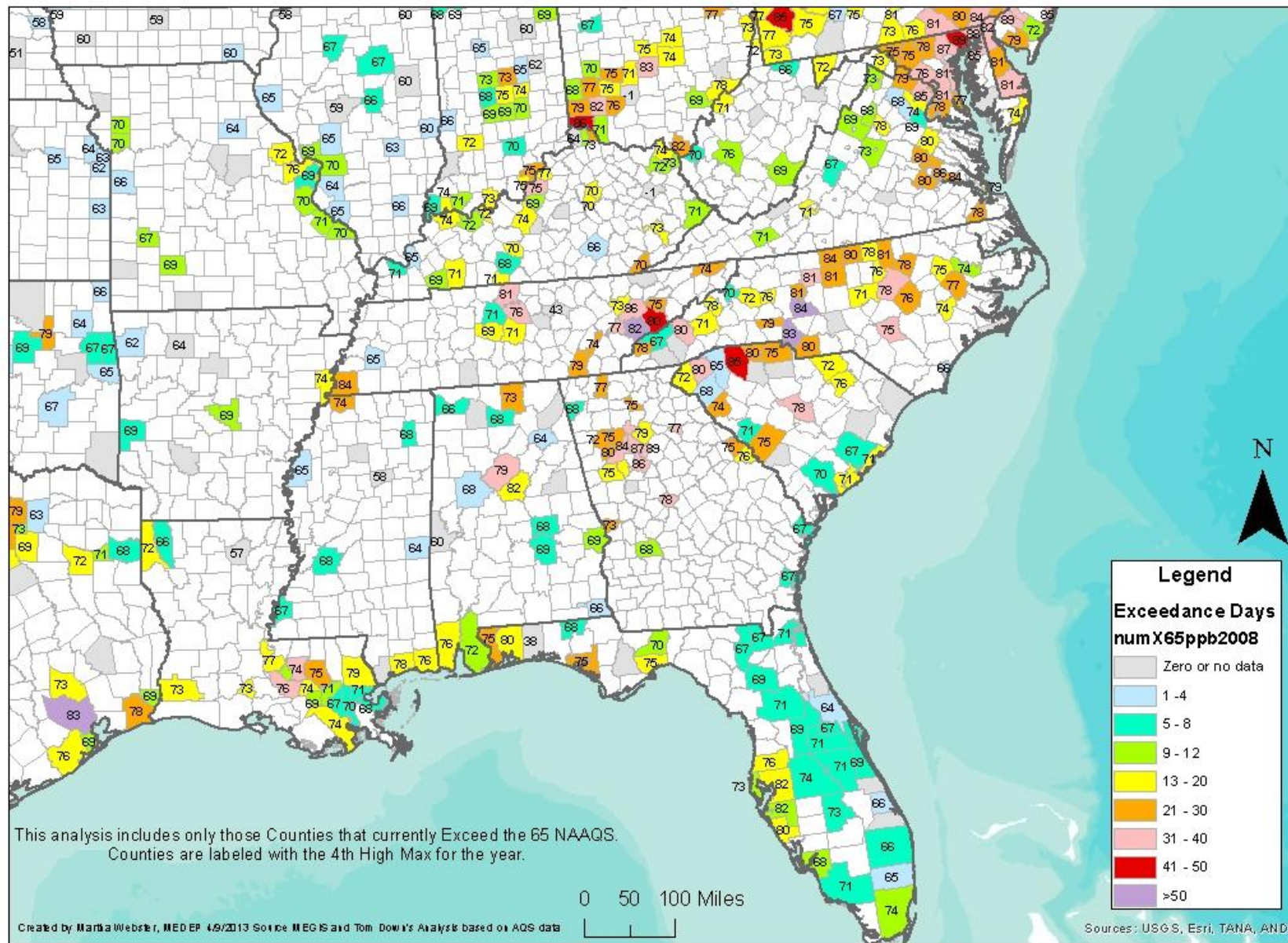


FIGURE B-15:

SEMAP/VISTAS 65ppb Ozone NAAQS: 2009 4th High 8-hr/Number of Days > NAAQS

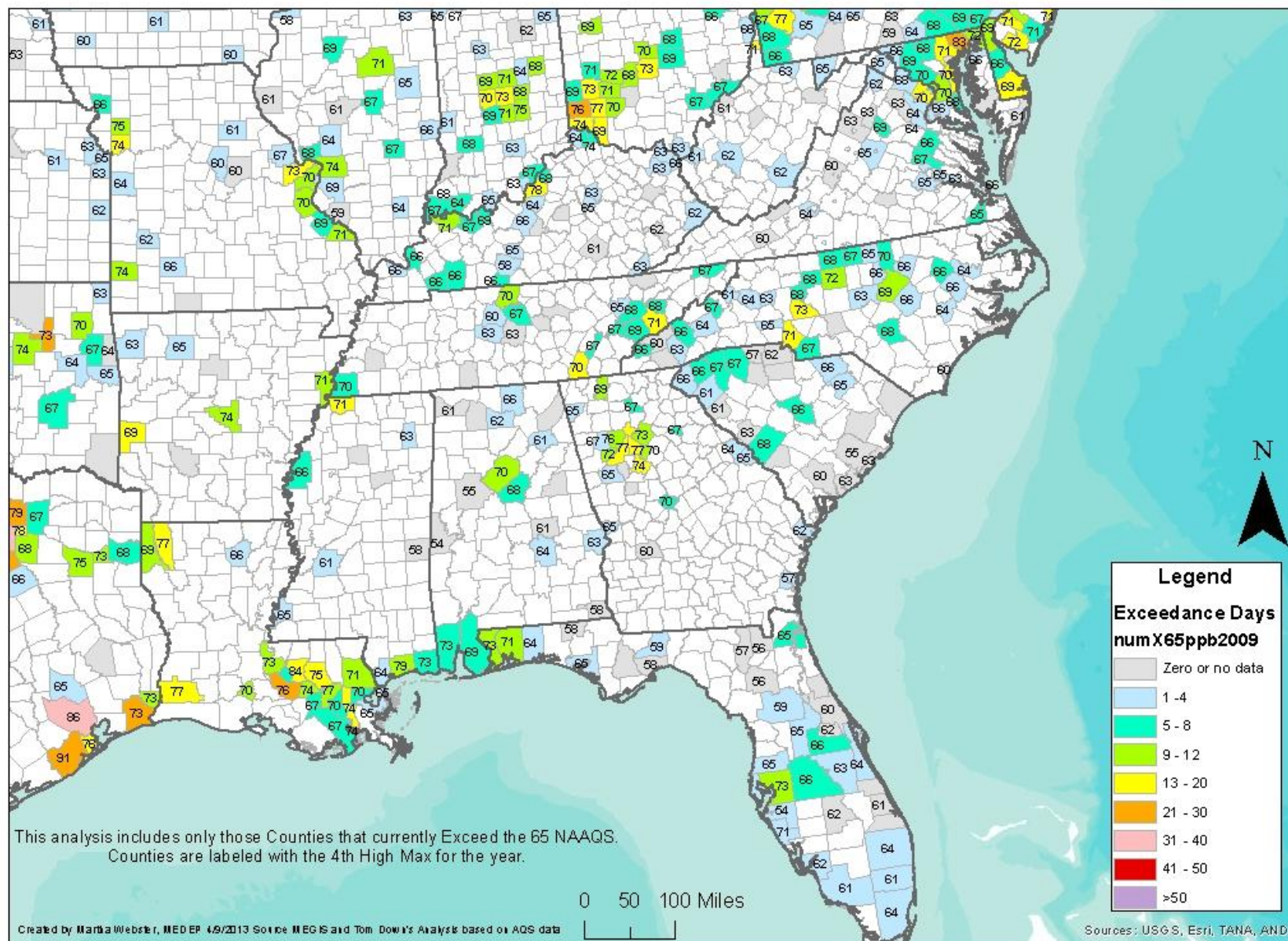


FIGURE B-16:

SEMAP/VISTAS 65ppb Ozone NAAQS: 2010 4th High 8-hr/Number of Days > NAAQS

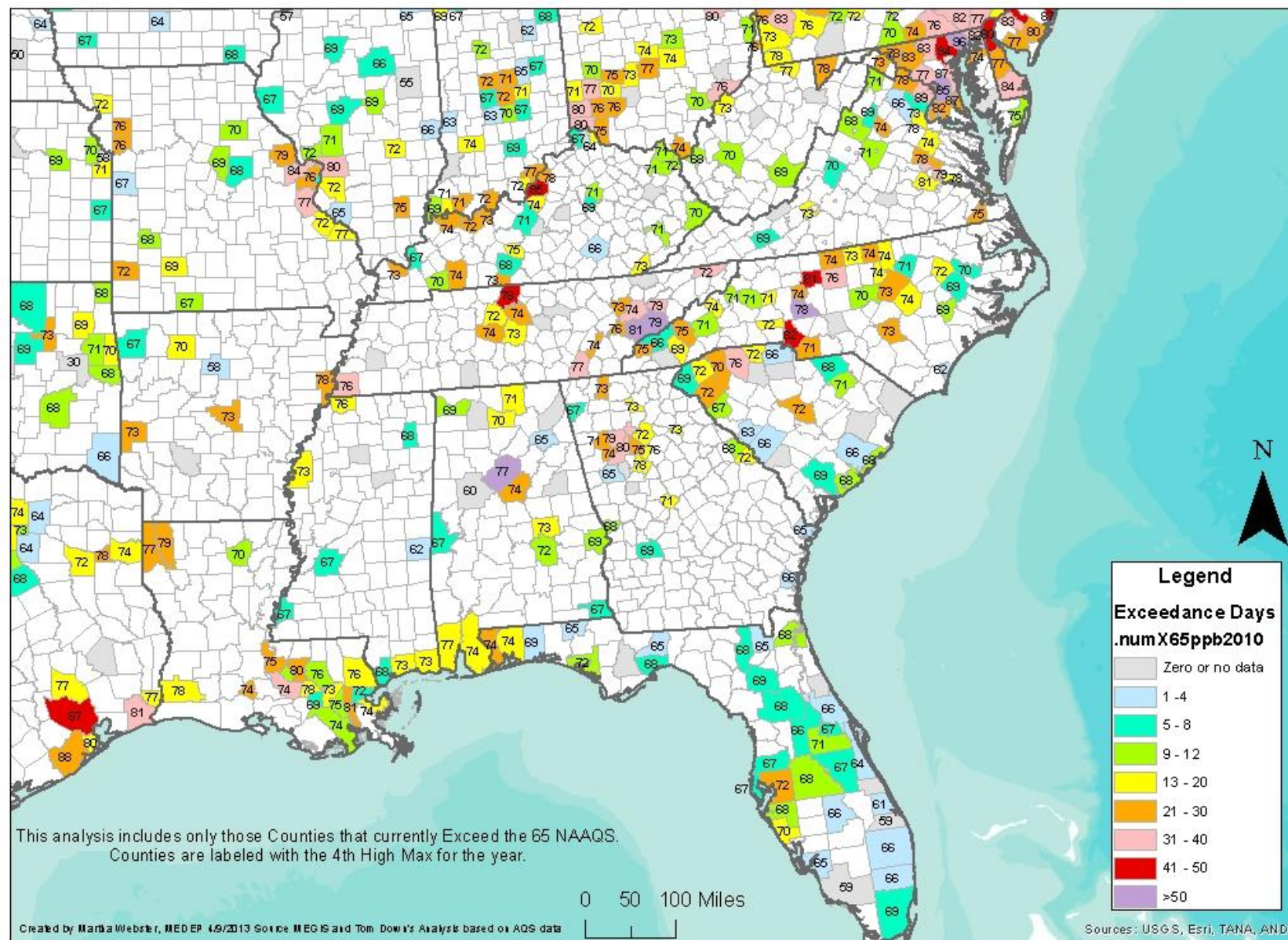


FIGURE B-17:

SEMAP/VISTAS 65ppb Ozone NAAQS: 2011 4th High 8-hr/Number of Days > NAAQS

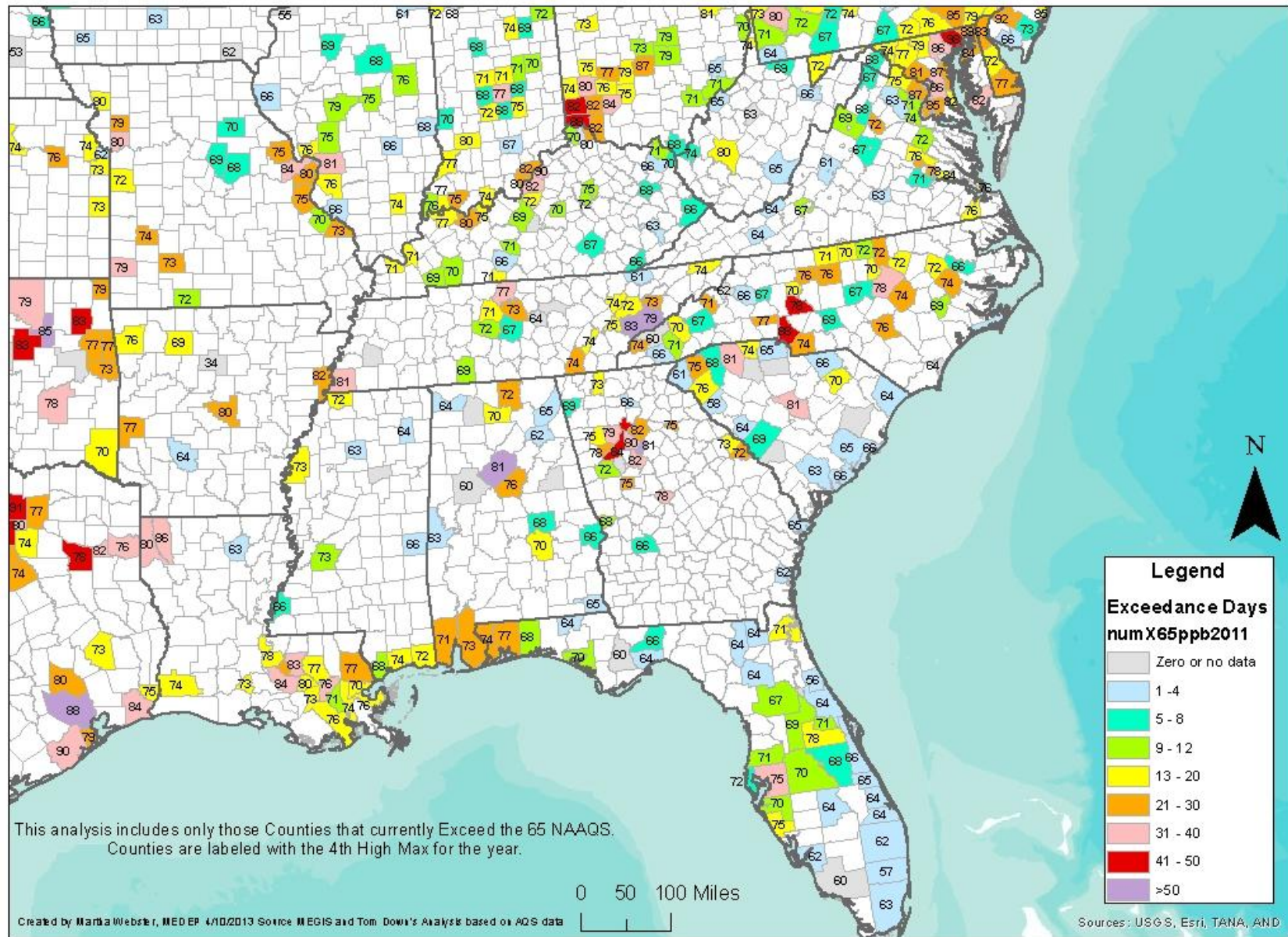


FIGURE B-18:

SEMAP/VISTAS 65ppb Ozone NAAQS: 2012 4th High 8-hr/Number of Days > NAAQS

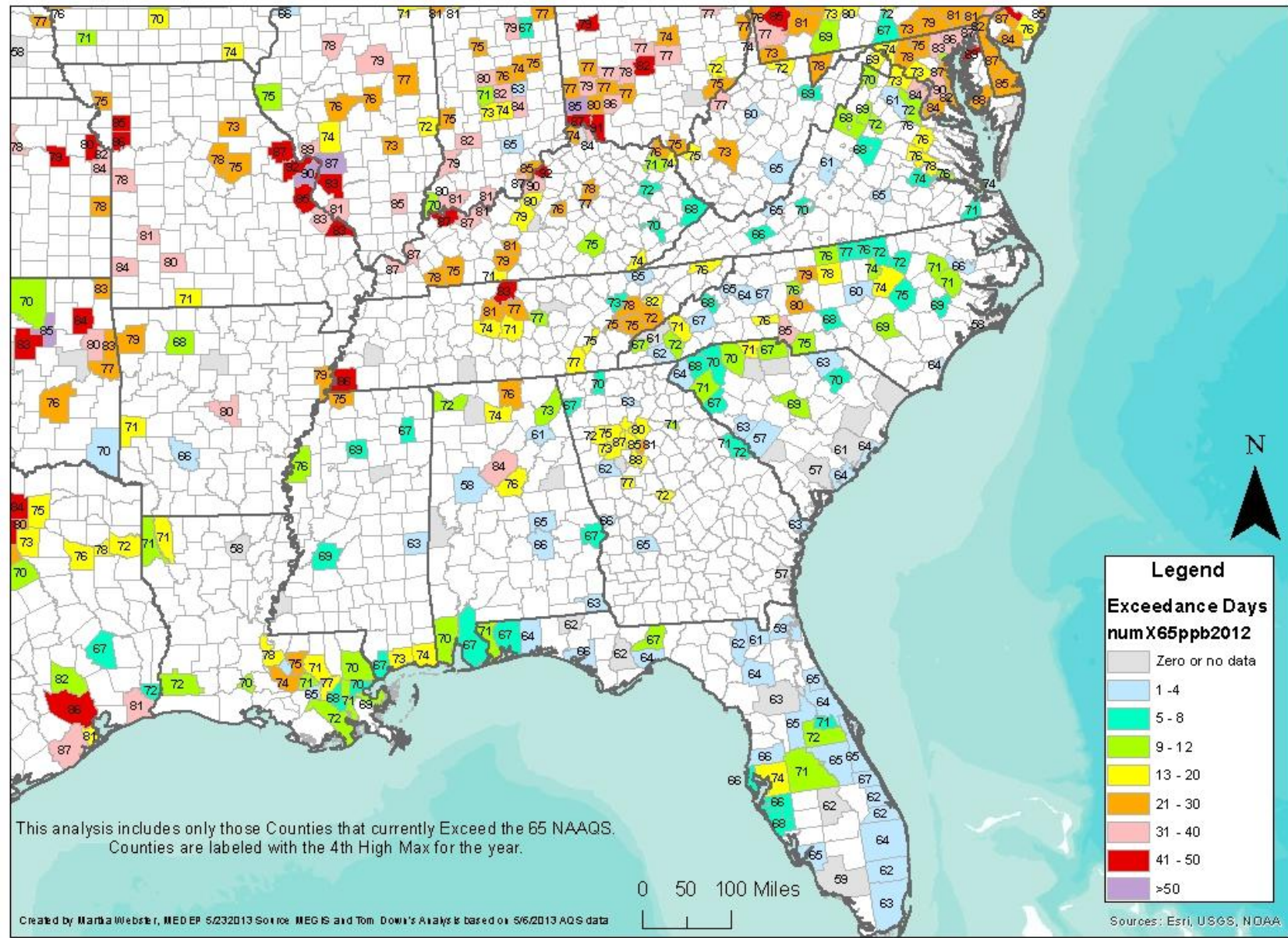


FIGURE B-19:

CenRAP, ND & SD 65ppb Ozone NAAQS: 2007 4th High 8hr/Number of Days > NAAQS

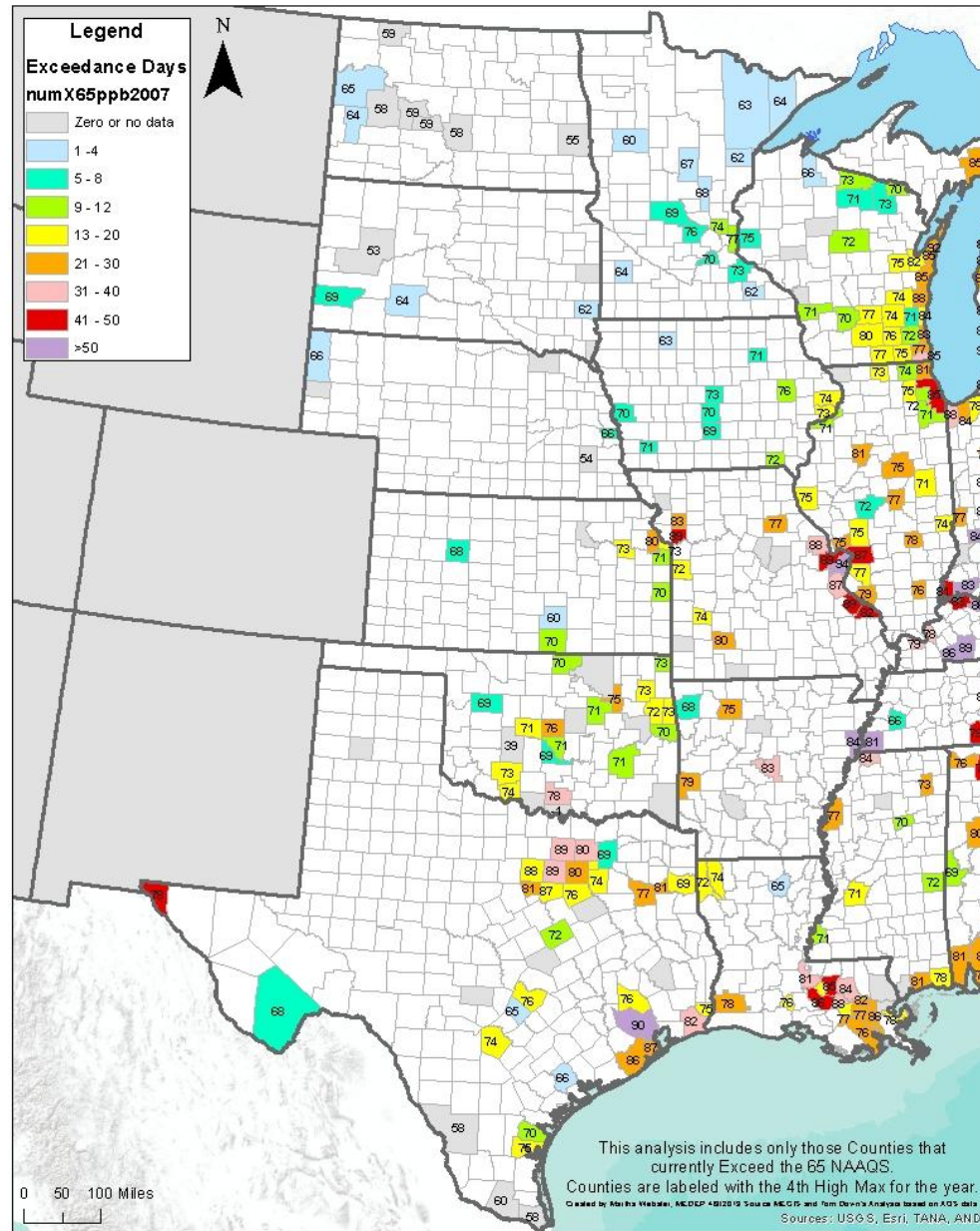


FIGURE B-20:

CenRAP, ND & SD 65ppb Ozone NAAQS: 2008 4th High 8hr/Number of Days > NAAQS

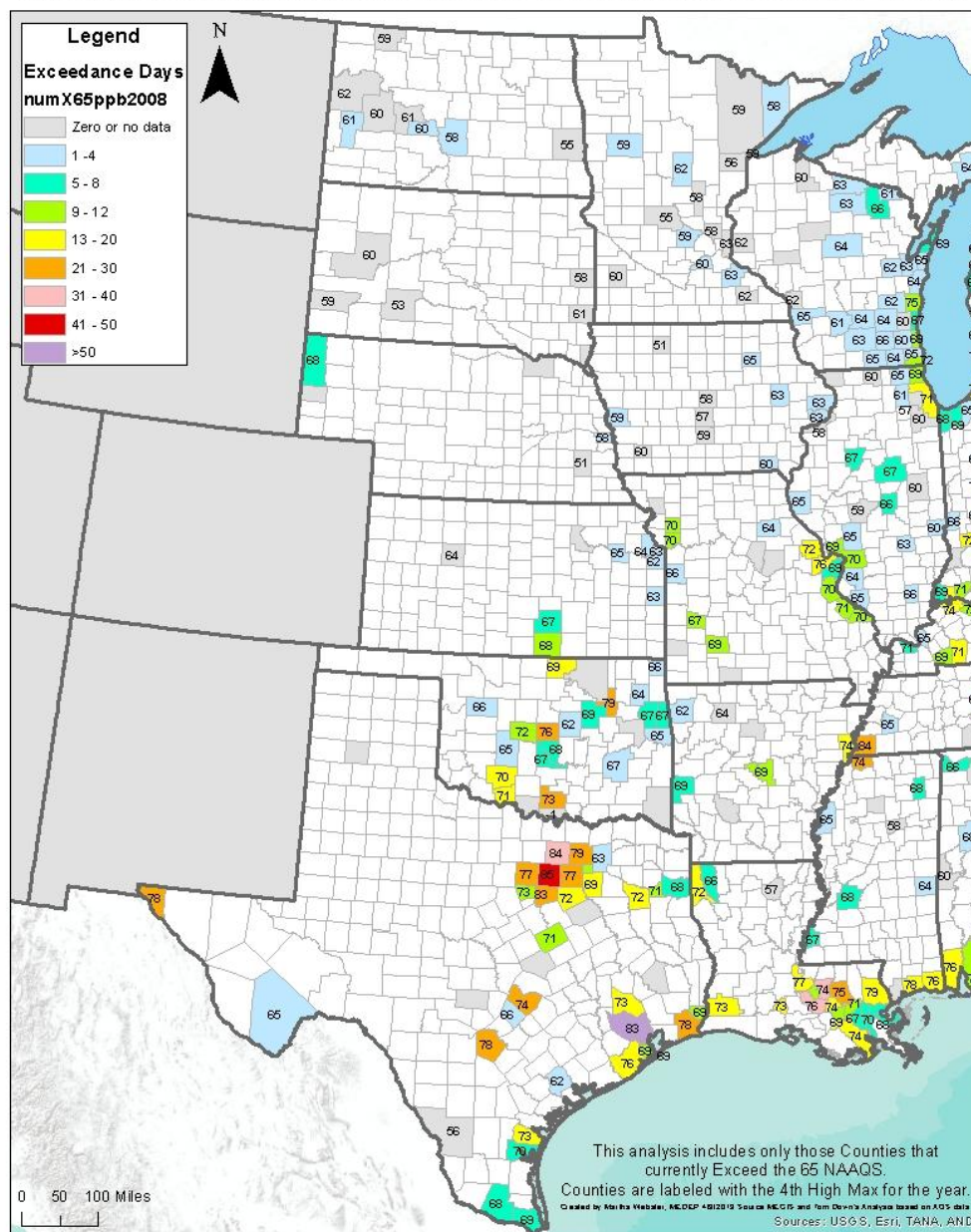


FIGURE B-21:

CenRAP, ND & SD 65ppb Ozone NAAQS: 2009 4th High 8hr/Number of Days > NAAQS

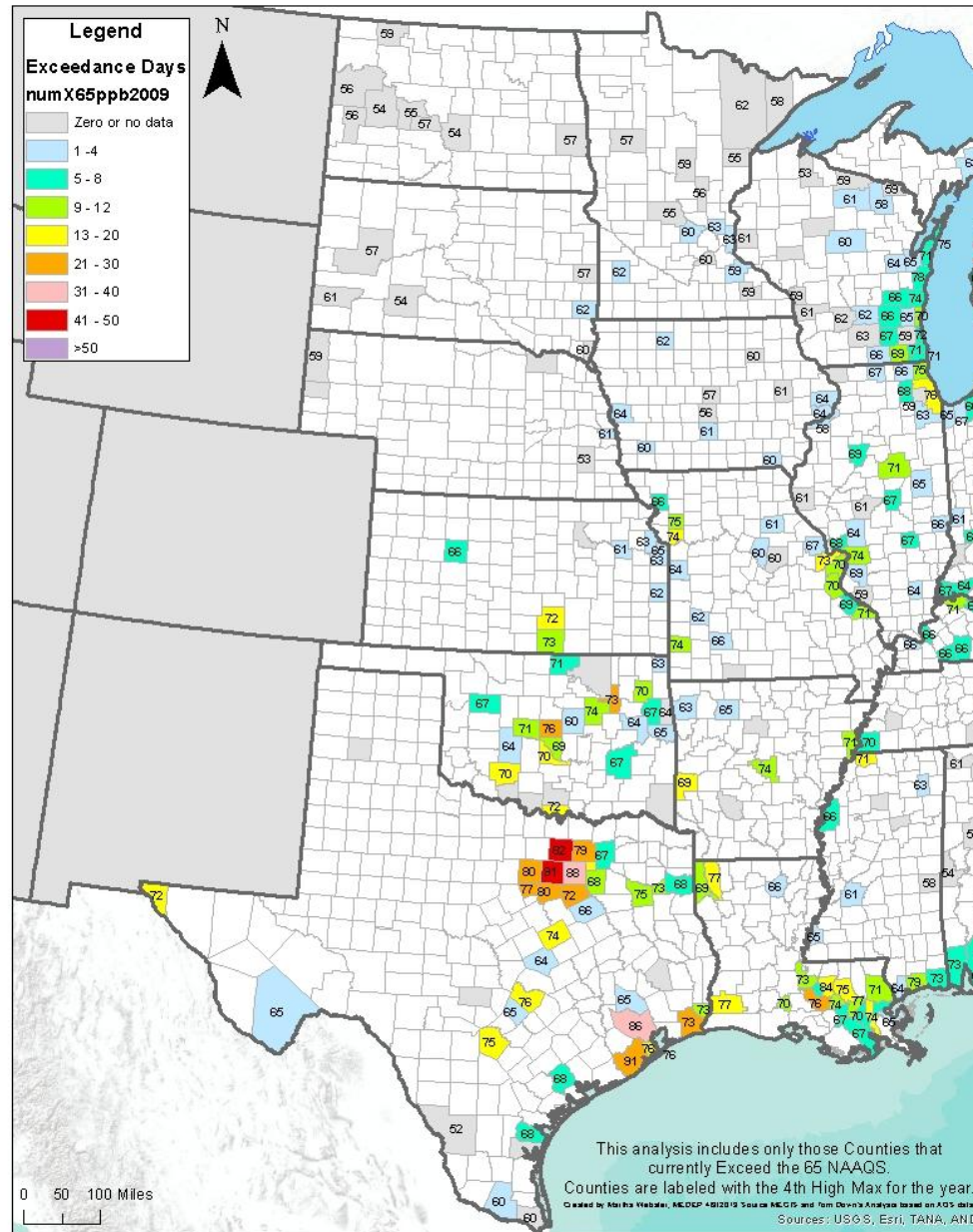


FIGURE B-22:

CenRAP, ND & SD 65ppb Ozone NAAQS: 2010 4th High 8hr/Number of Days > NAAQS

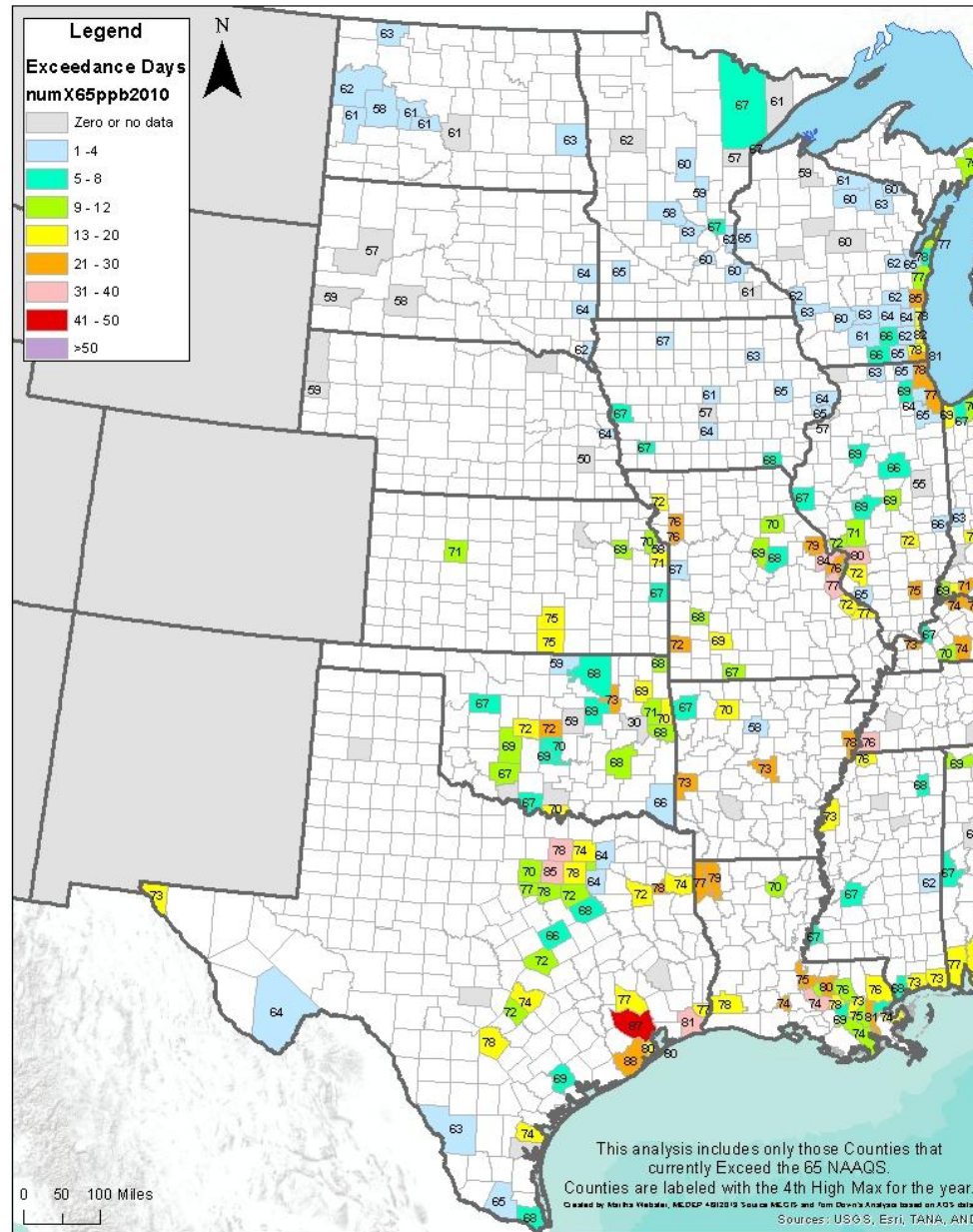


FIGURE B-23:

CenRAP, ND & SD 65ppb Ozone NAAQS: 2011 4th High 8hr/Number of Days > NAAQS

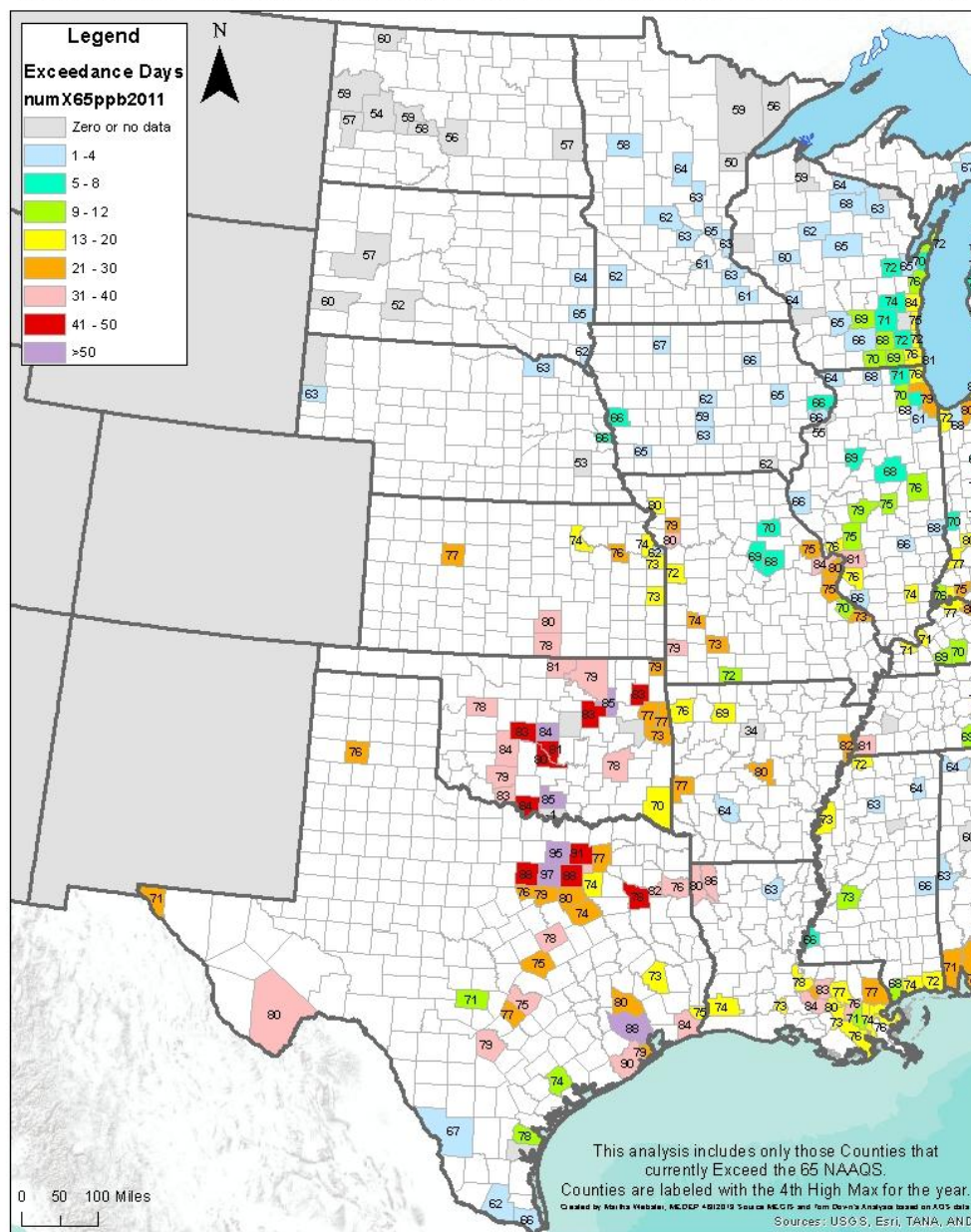


FIGURE B-24:

CenRAP, ND & SD 65ppb Ozone NAAQS: 2012 4th High 8hr/Number of Days > NAAQS

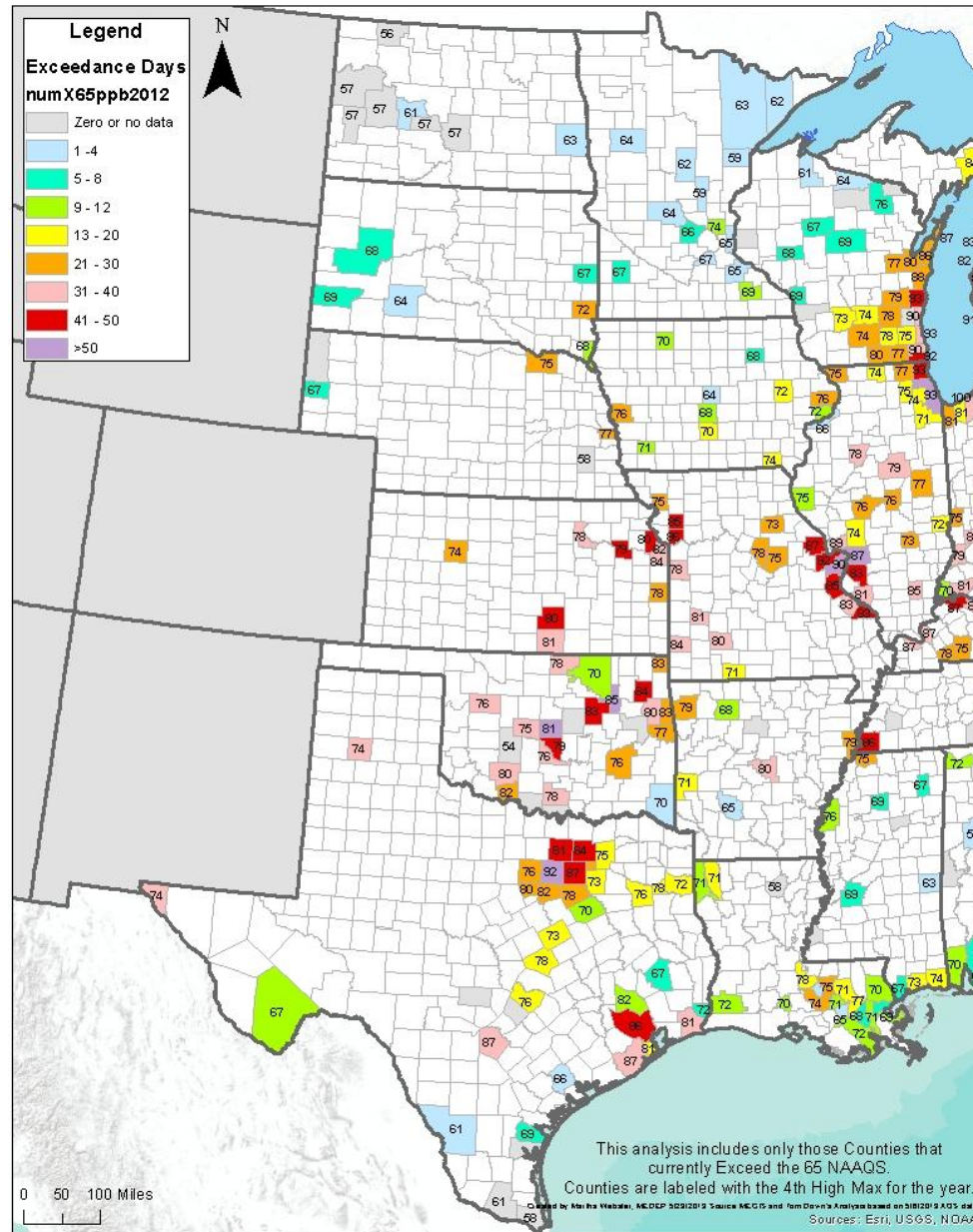


FIGURE B-25:
70ppb Ozone NAAQS: 2007 4th High 8-hr/Number of Days > NAAQS

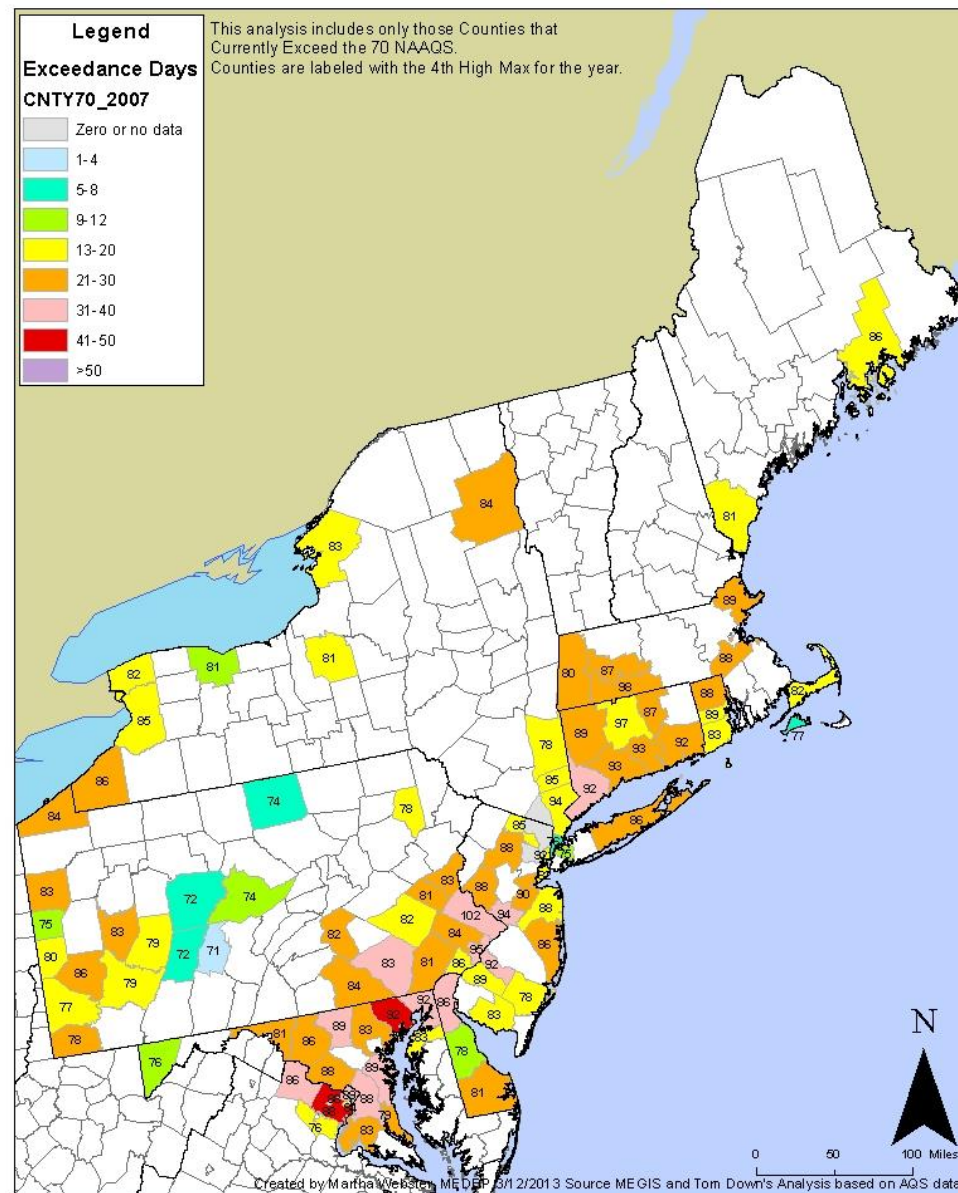


FIGURE B-26:
70ppb Ozone NAAQS: 2008 4th High 8-hr/Number of Days > NAAQS

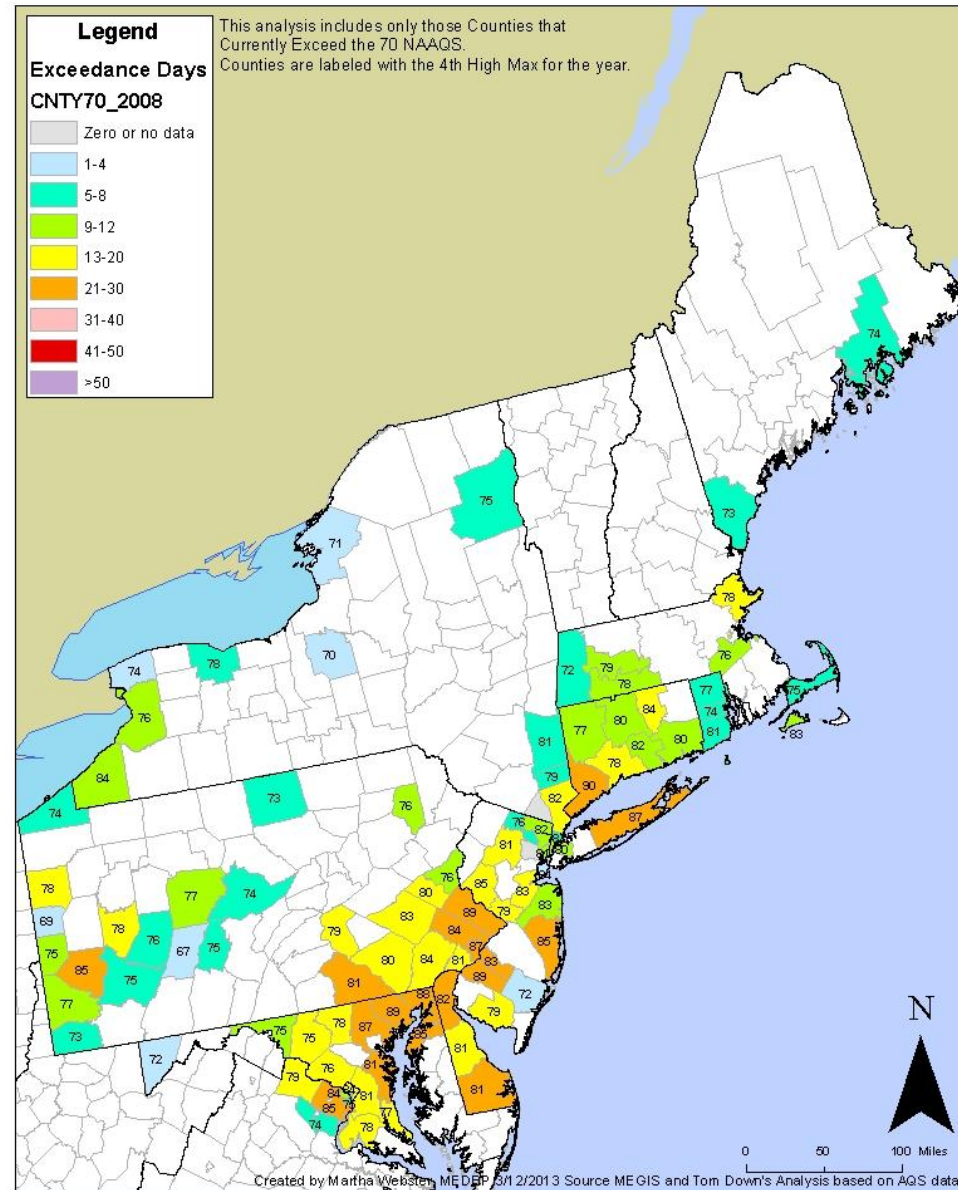


FIGURE B-27:
70ppb Ozone NAAQS: 2009 4th High 8-hr/Number of Days > NAAQS

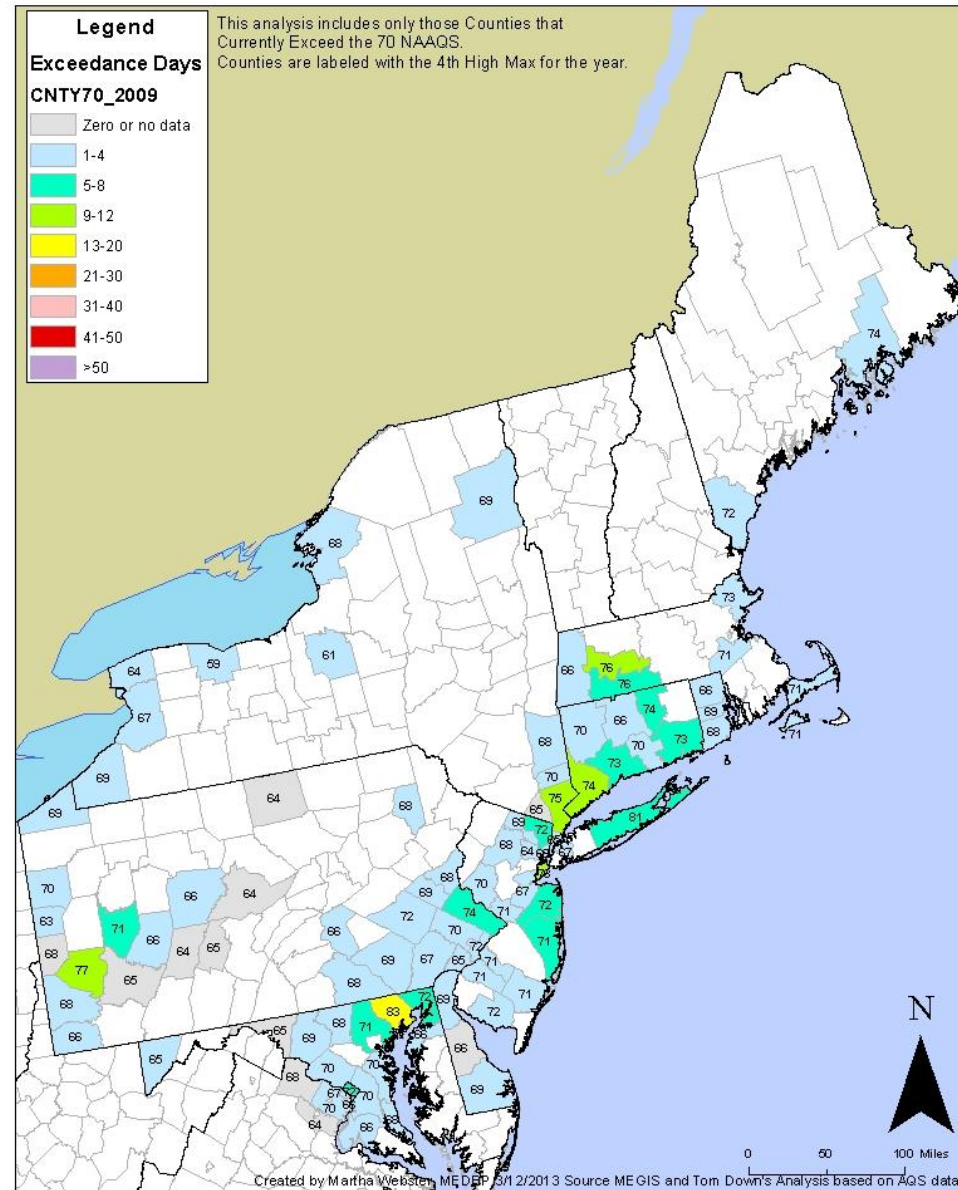


FIGURE B-28:
70ppb Ozone NAAQS: 2010 4th High 8-hr/Number of Days > NAAQS

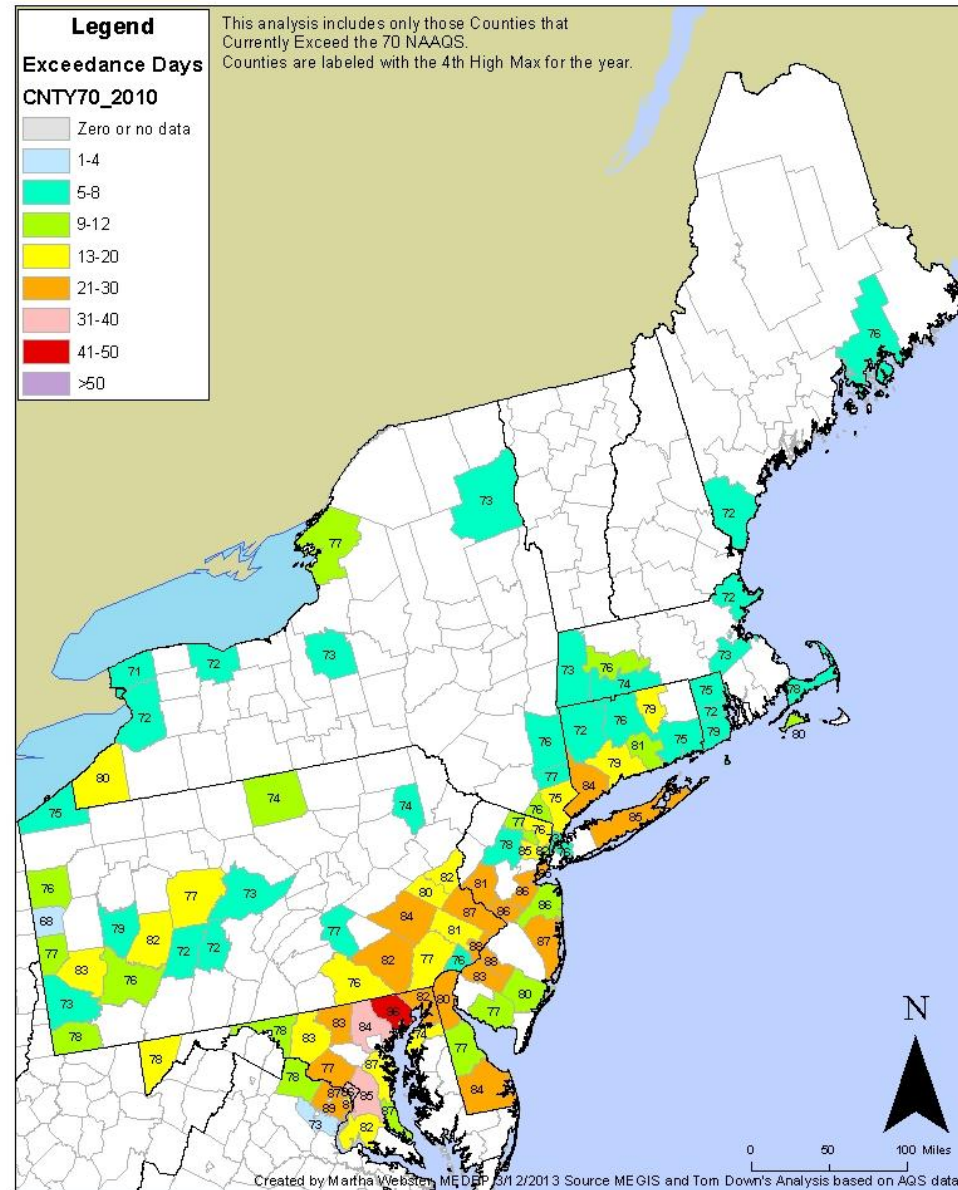


FIGURE B-29:
70ppb Ozone NAAQS: 2011 4th High 8-hr/Number of Days > NAAQS

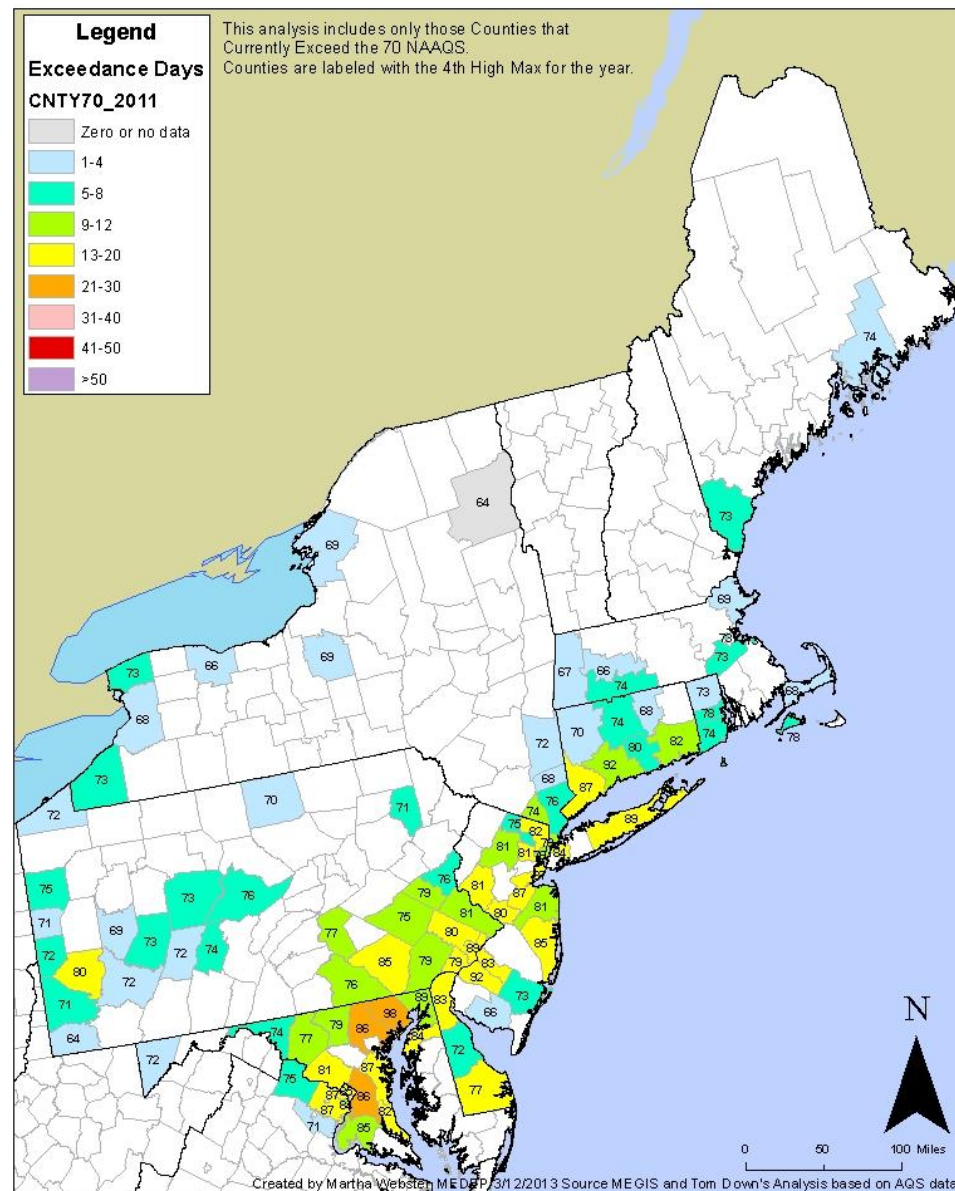


FIGURE B-30:
70ppb Ozone NAAQS: 2012 4th High 8-hr/Number of Days > NAAQS

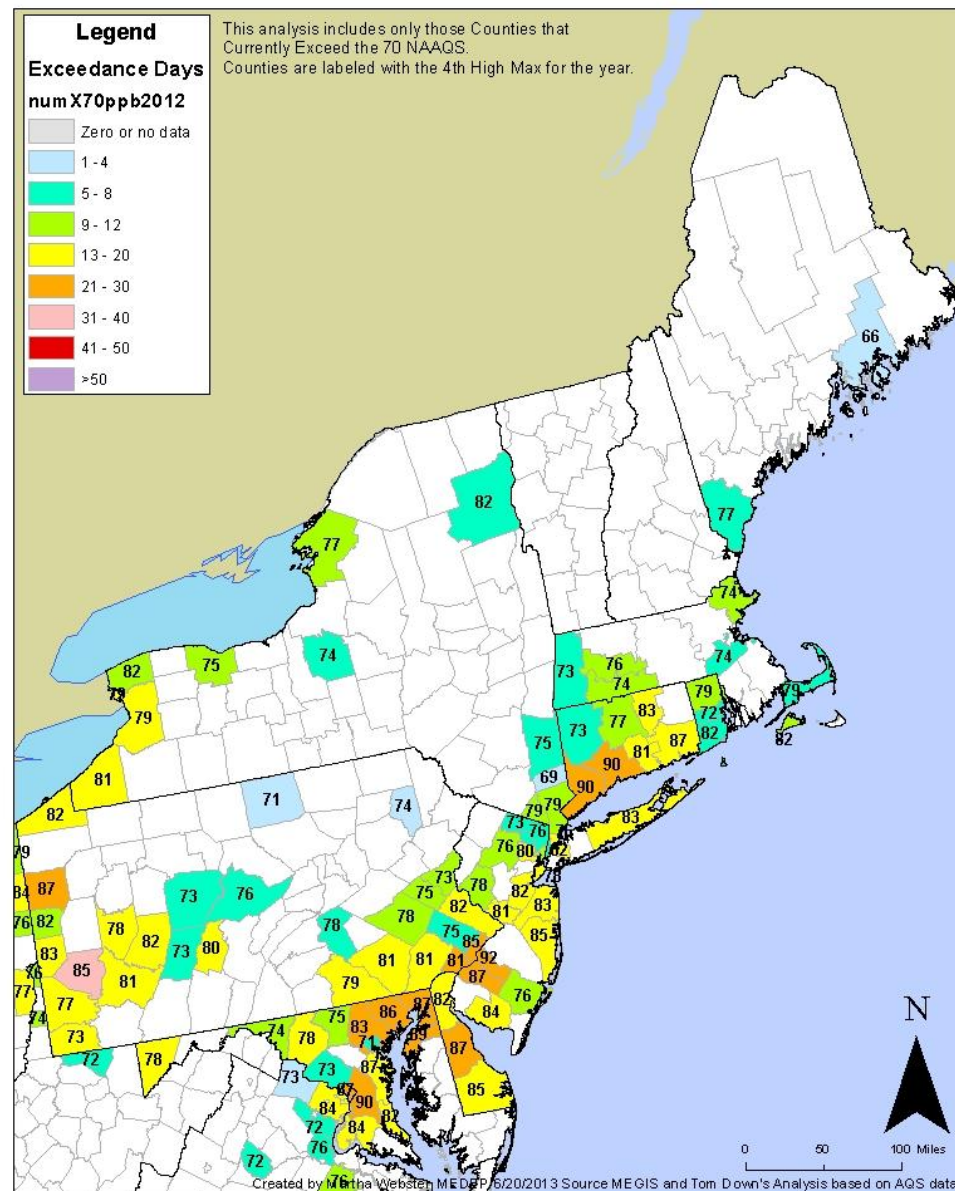


FIGURE B-32:

MRPO 70ppb Ozone NAAQS: 2008 4th High 8hr/Number of Days > NAAQS

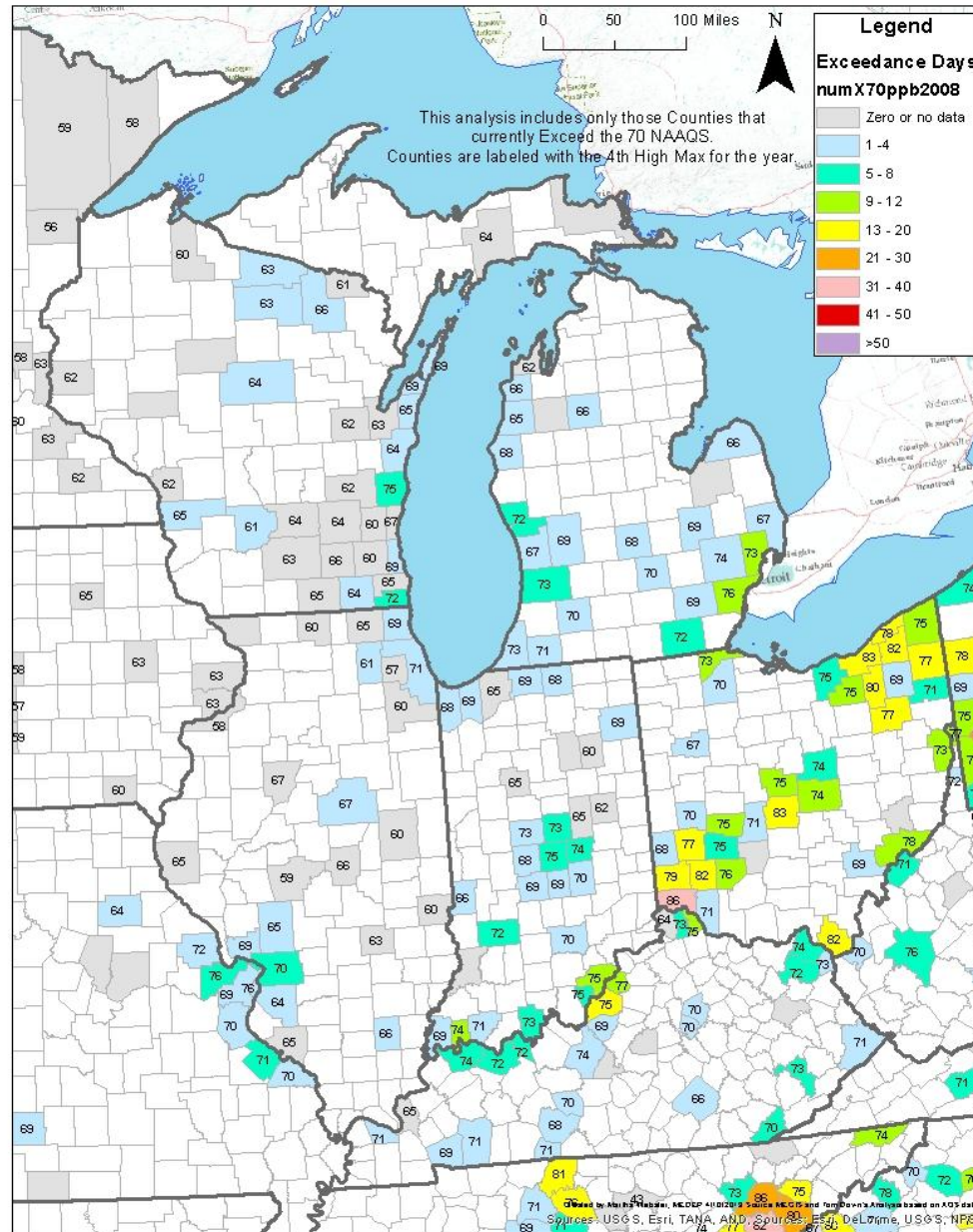


FIGURE B-33:

MRPO 70ppb Ozone NAAQS: 2009 4th High 8hr/Number of Days > NAAQS

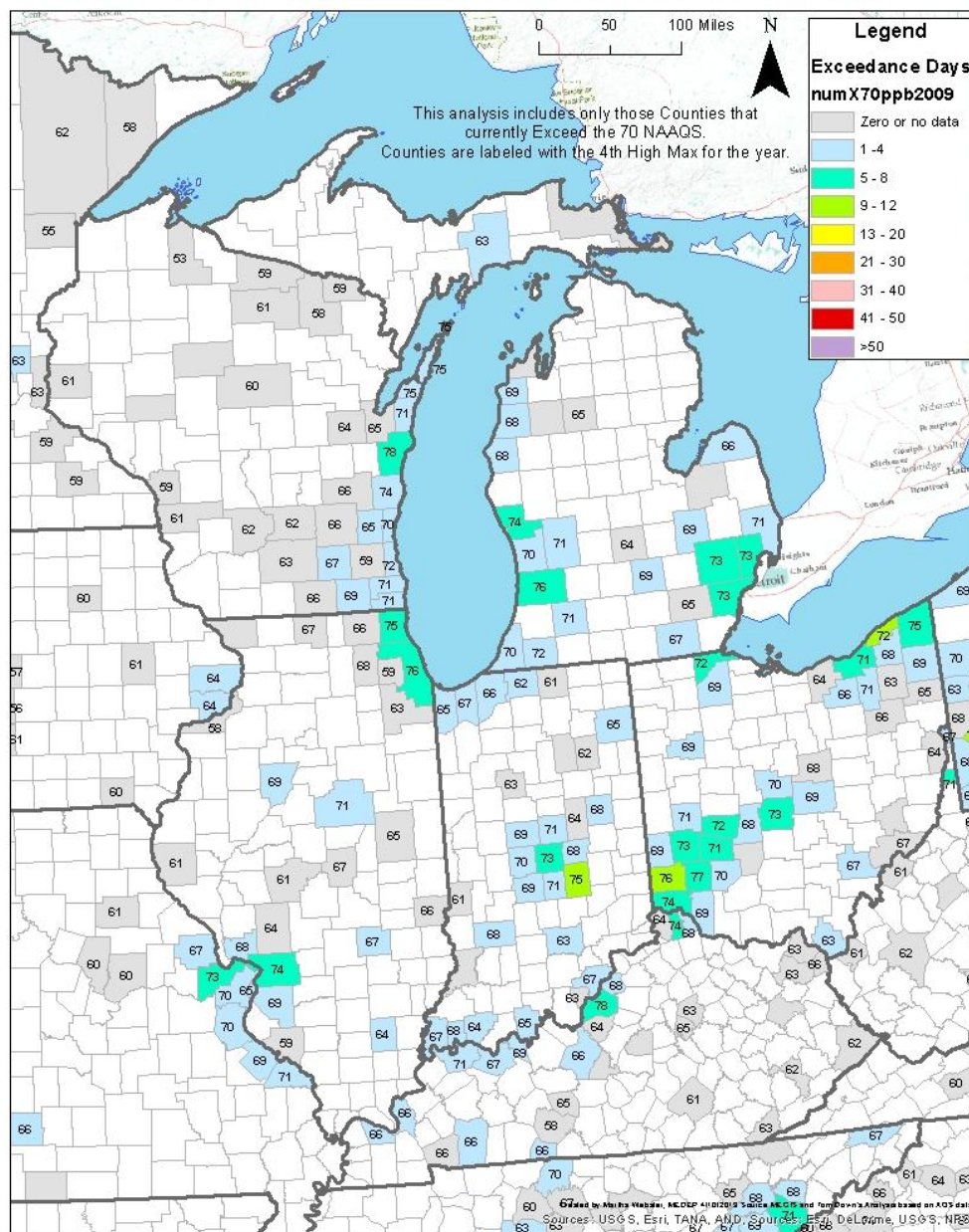


FIGURE B-34:

MRPO 70ppb Ozone NAAQS: 2010 4th High 8hr/Number of Days > NAAQS

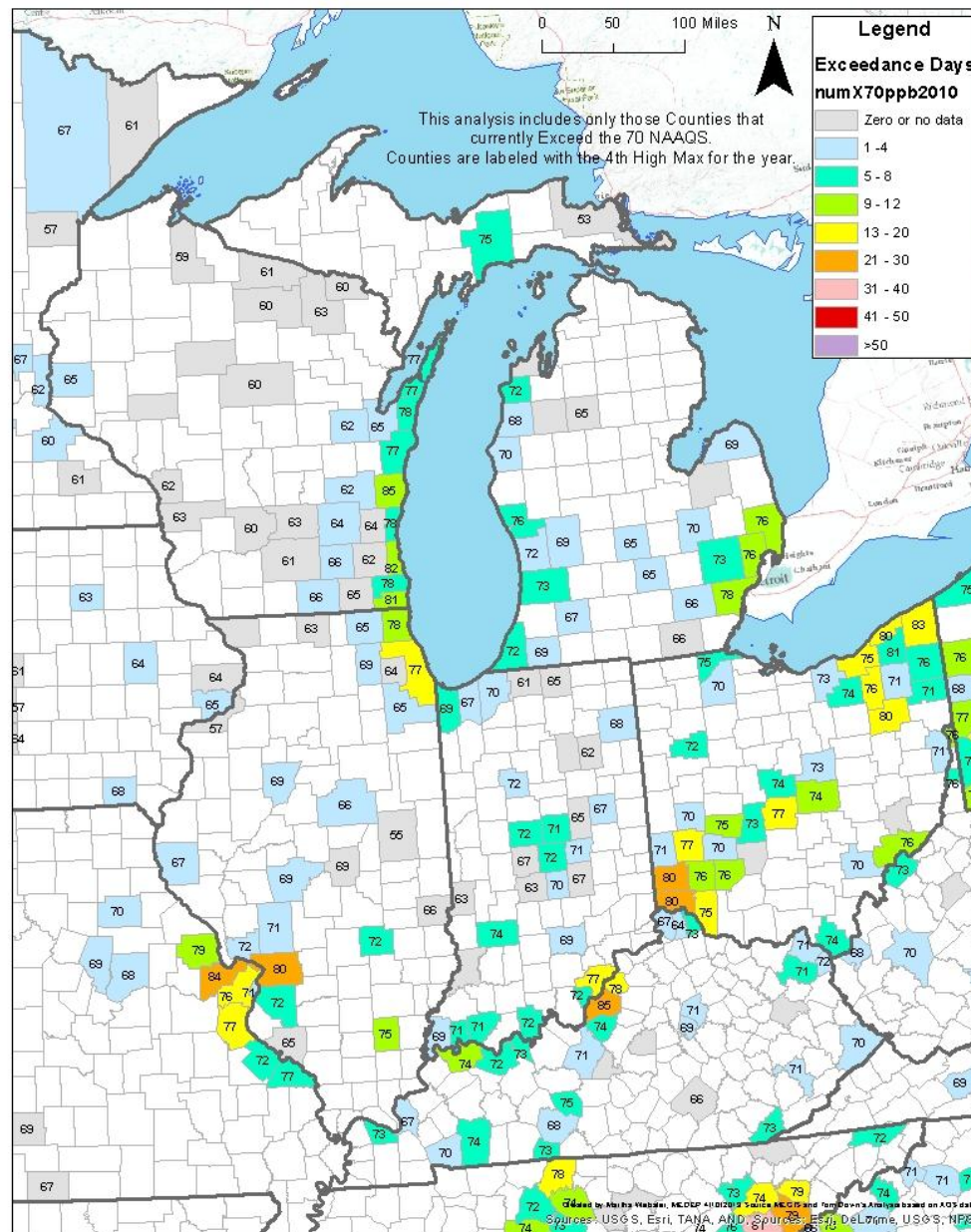


FIGURE B-35:

MRPO 70ppb Ozone NAAQS: 2011 4th High 8hr/Number of Days > NAAQS

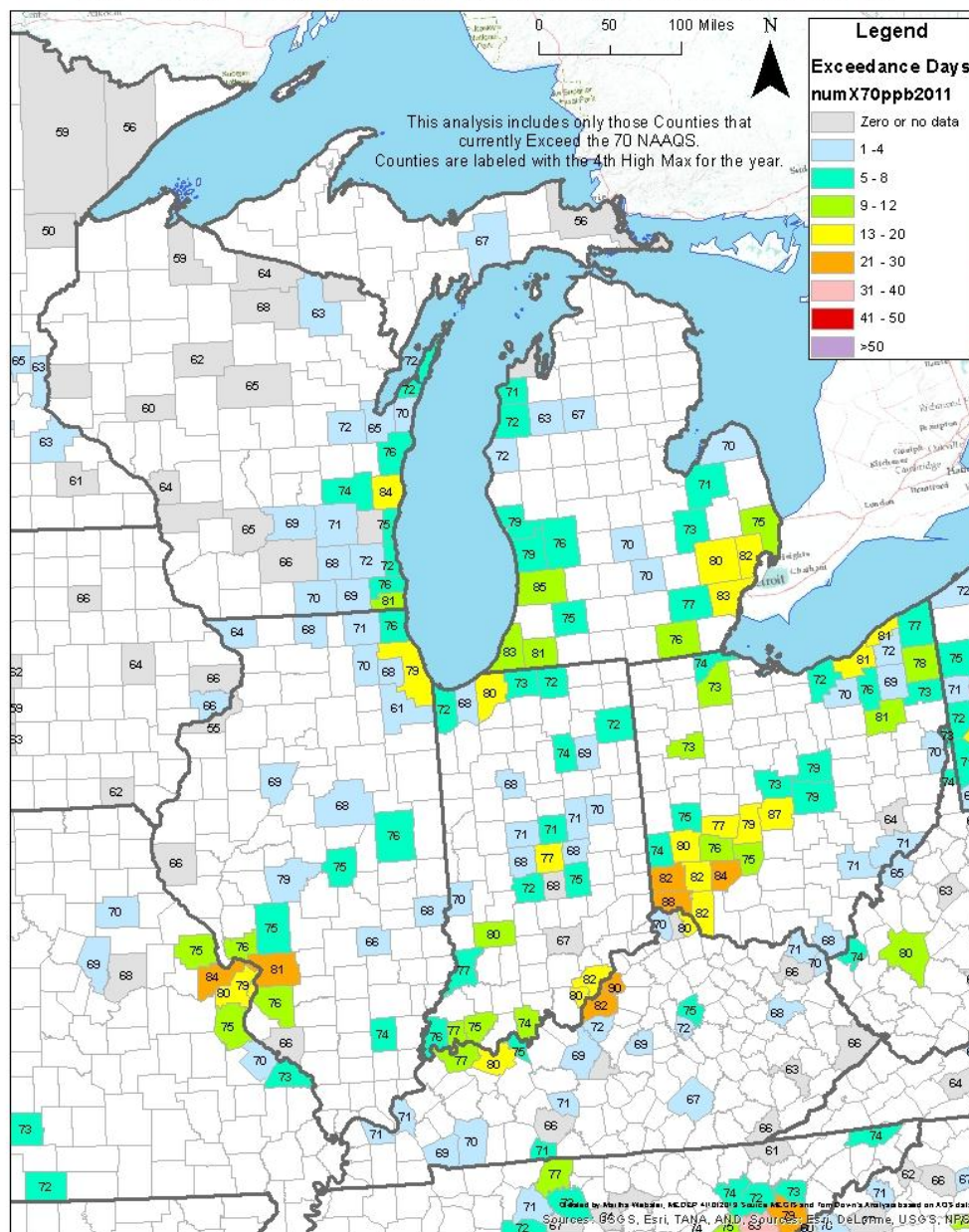


FIGURE B-36:

MRPO 70ppb Ozone NAAQS: 2012 4th High 8hr/Number of Days > NAAQS

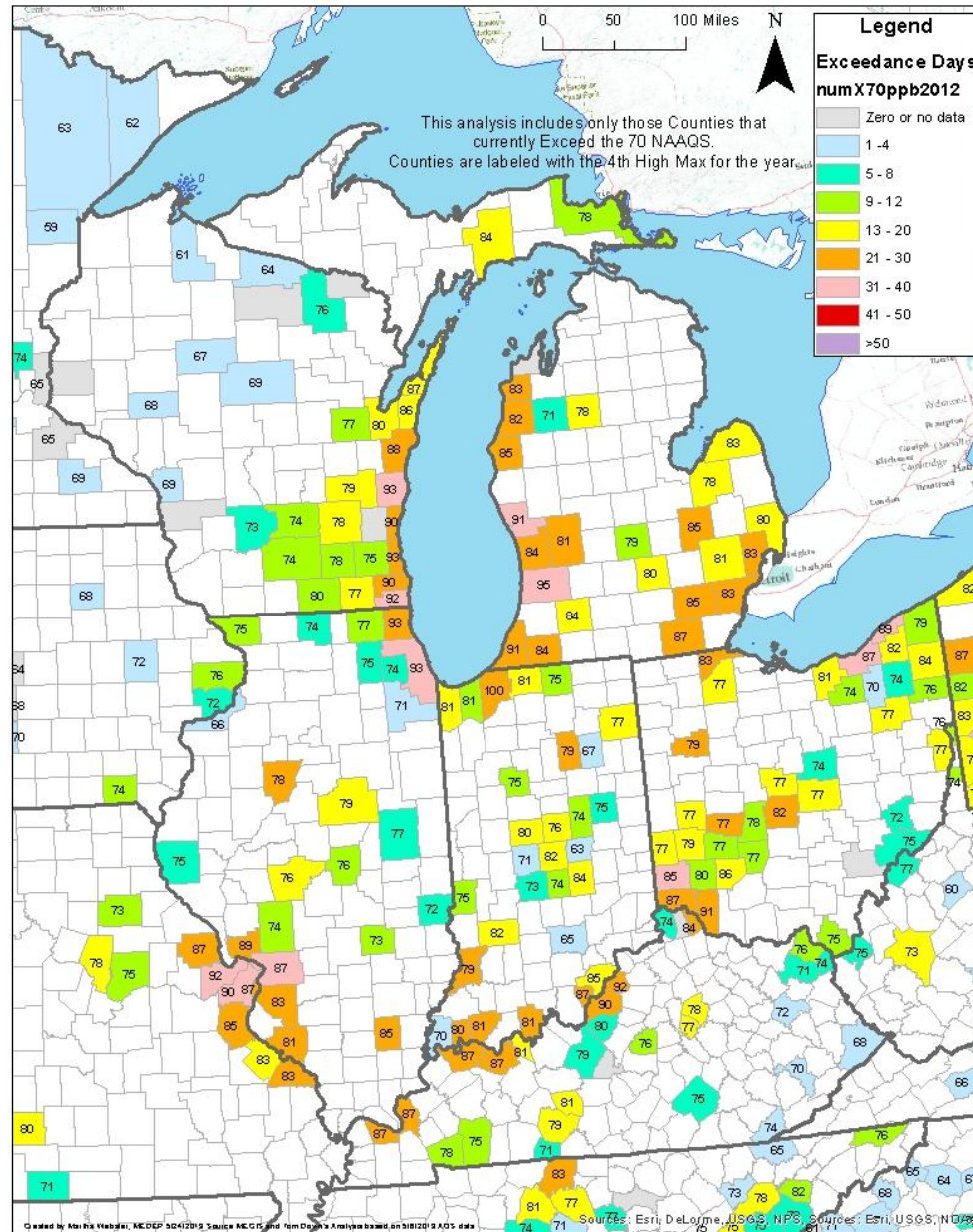


FIGURE B-37:
SEMAP/MISTAS 70ppb Ozone NAAQS: 2007 4th High 8-hr/Number of Days > NAAQS

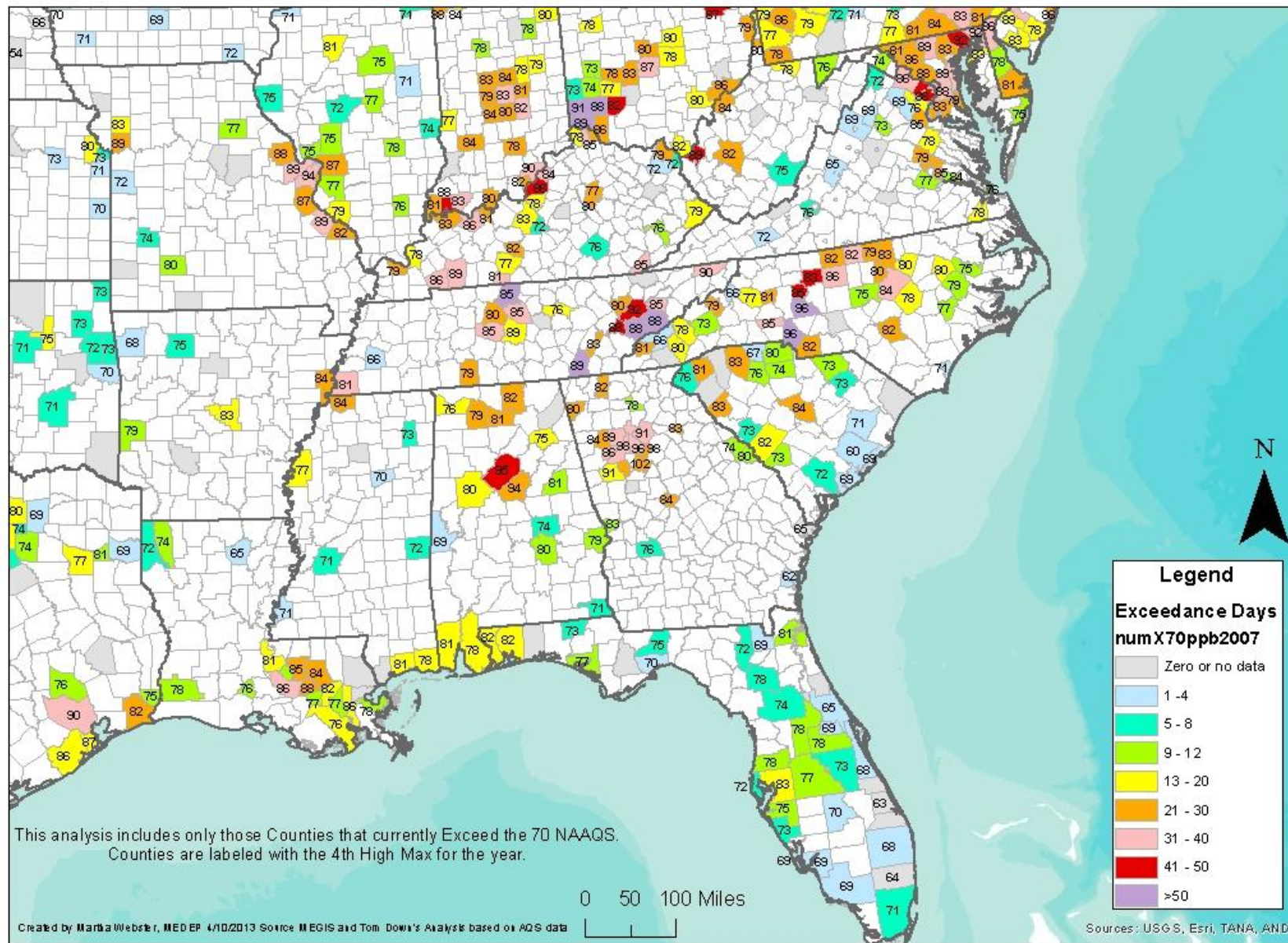


FIGURE B-38:

SEMAP/VISTAS 70ppb Ozone NAAQS: 2008 4th High 8-hr/Number of Days > NAAQS

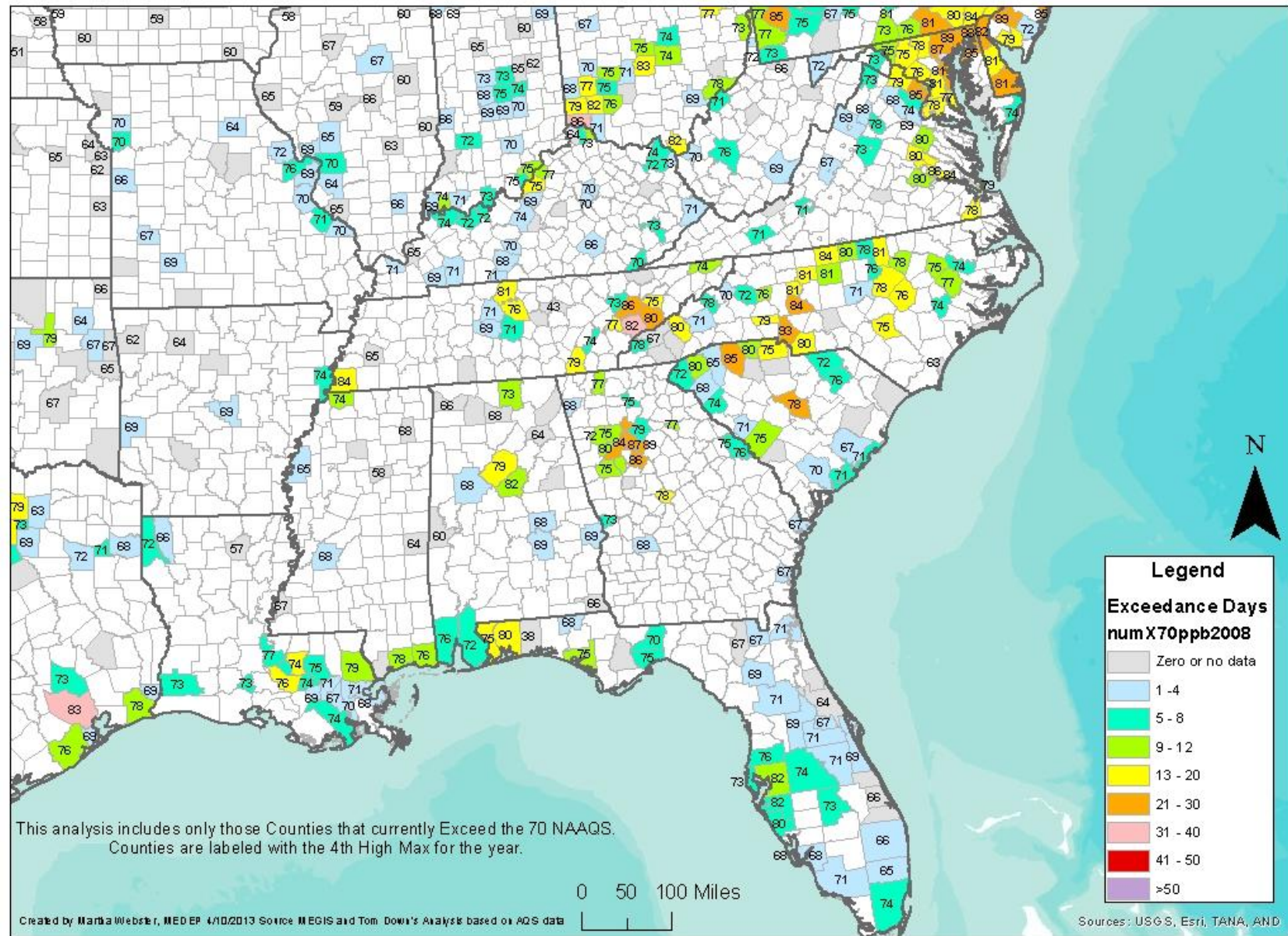


FIGURE B-39:
SEMAP/VISTAS 70ppb Ozone NAAQS: 2009 4th High 8-hr/Number of Days > NAAQS

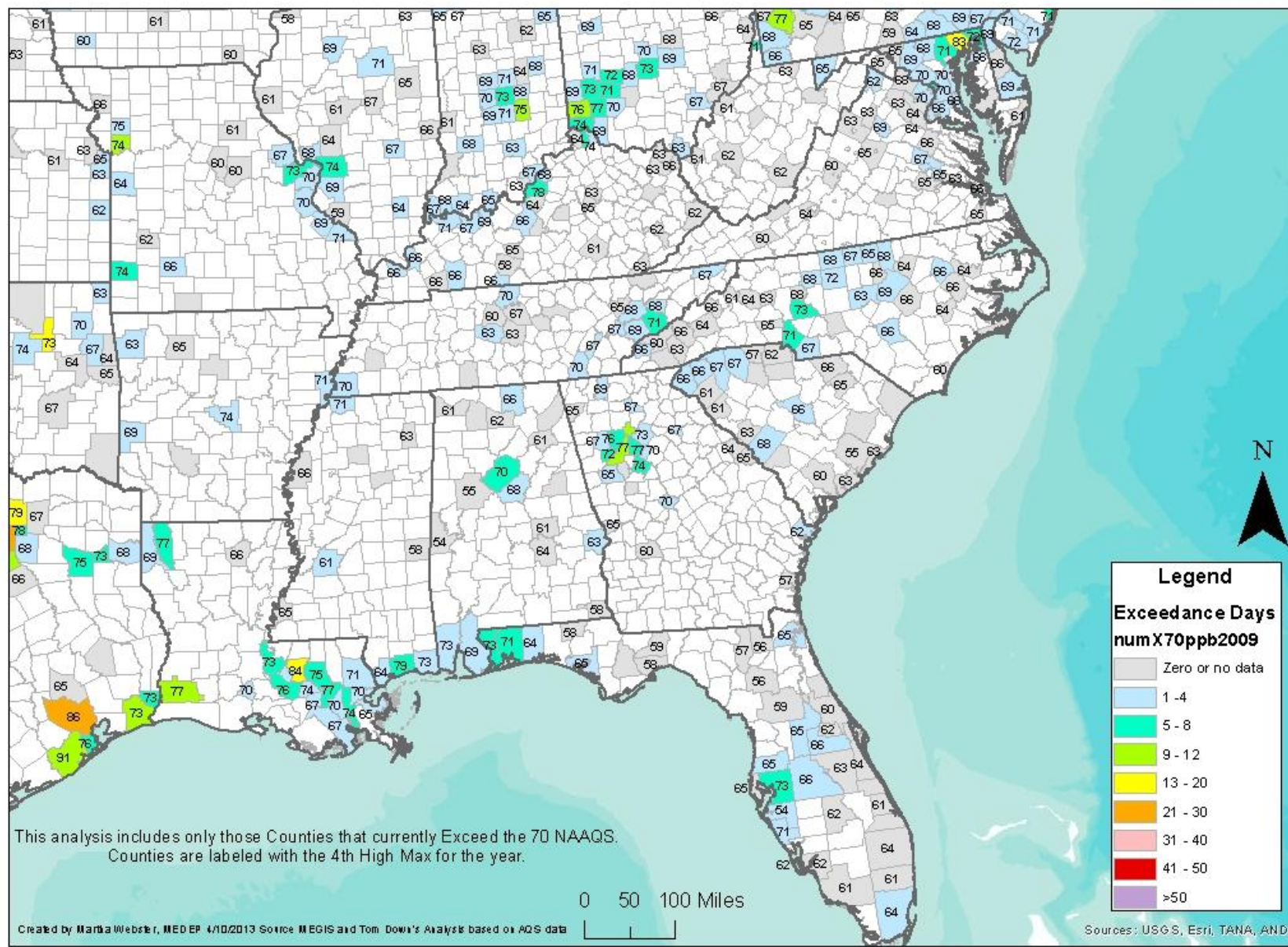


FIGURE B-40:
SEMAP/VISTAS 70ppb Ozone NAAQS: 2010 4th High 8-hr/Number of Days > NAAQS

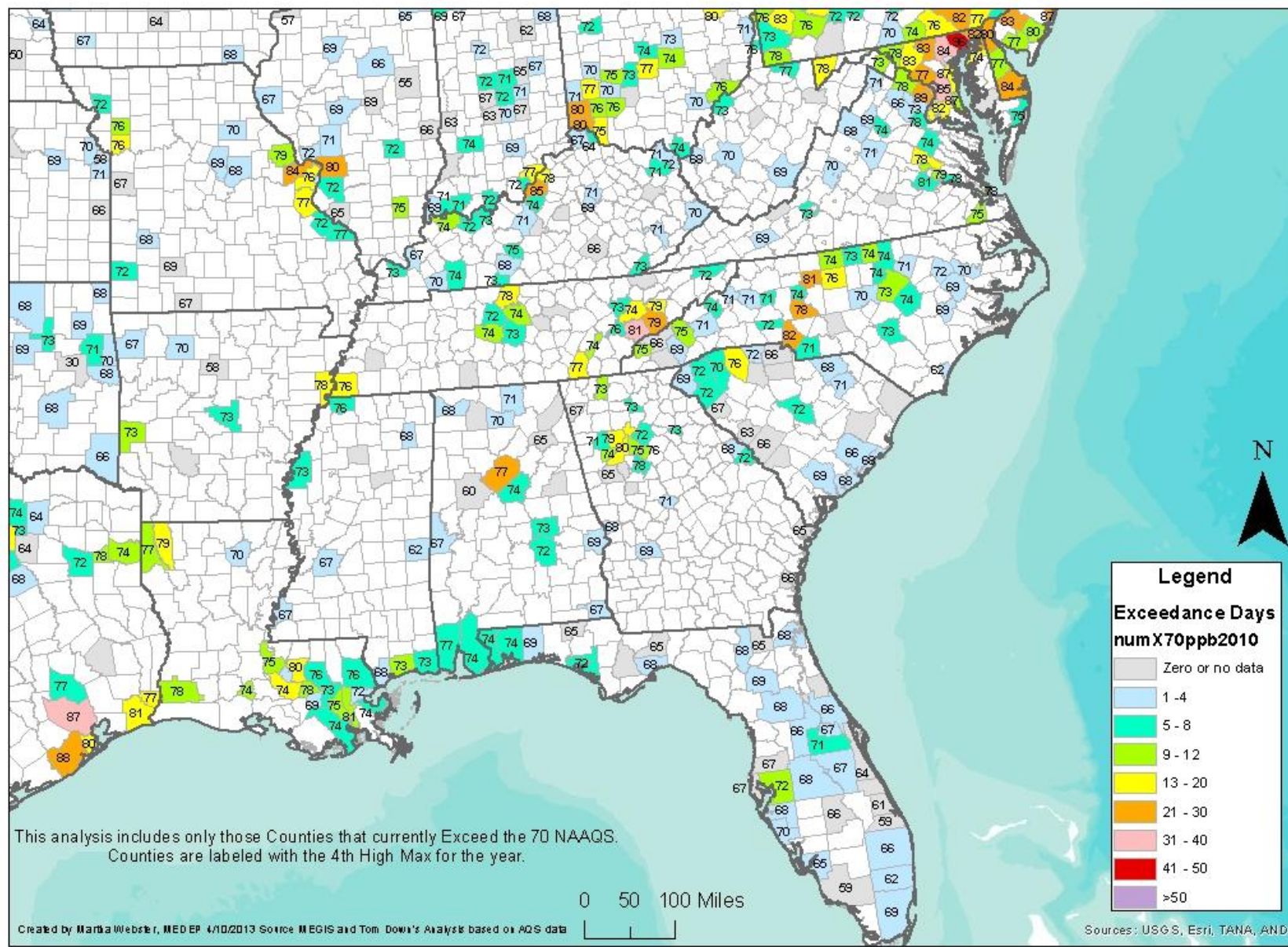


FIGURE B-41:

SEMAP/VISTAS 70ppb Ozone NAAQS: 2011 4th High 8-hr/Number of Days > NAAQS

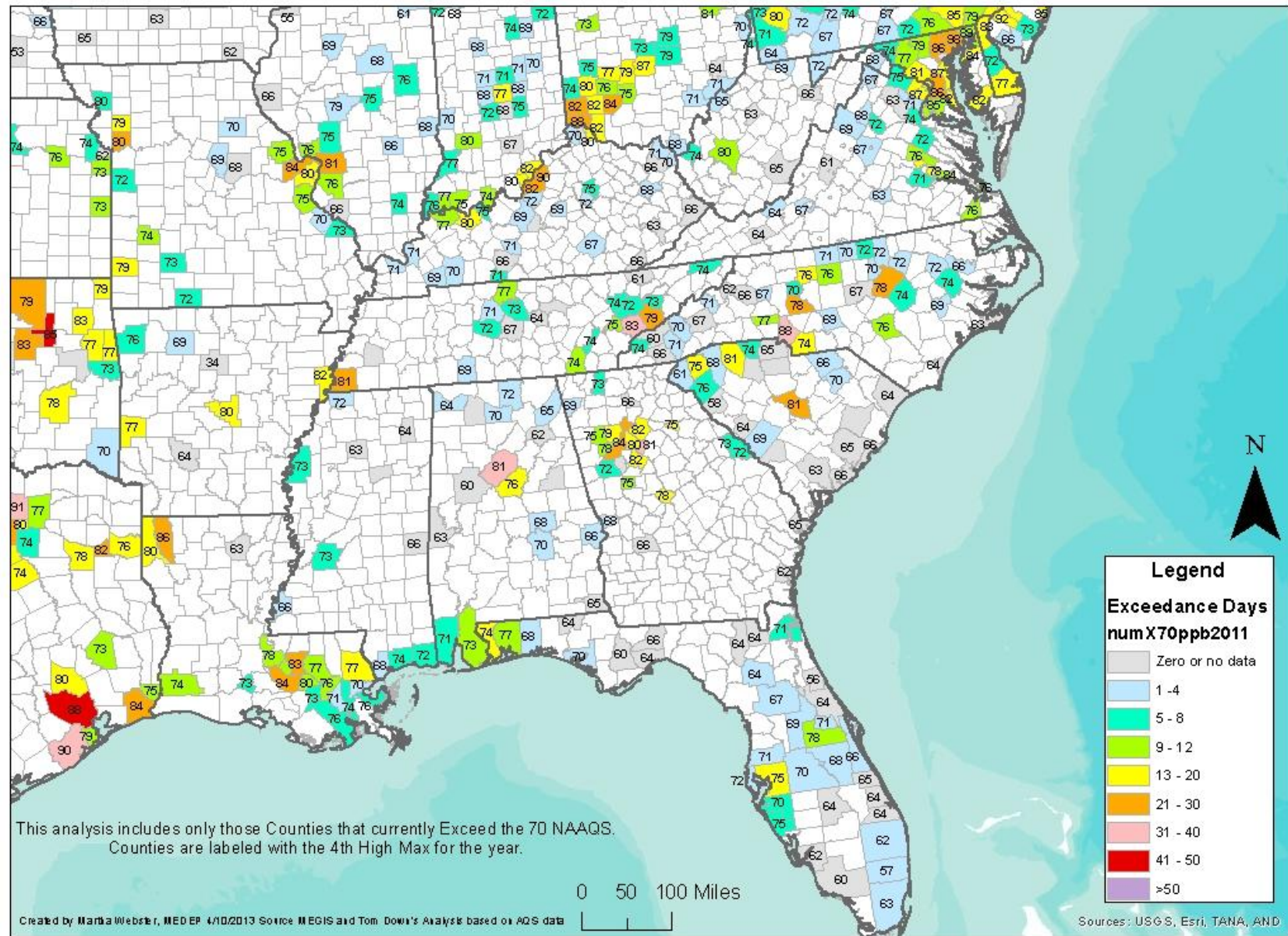


FIGURE B-42:
SEMAP/VISTAS 70ppb Ozone NAAQS: 2012 4th High 8-hr/Number of Days > NAAQS

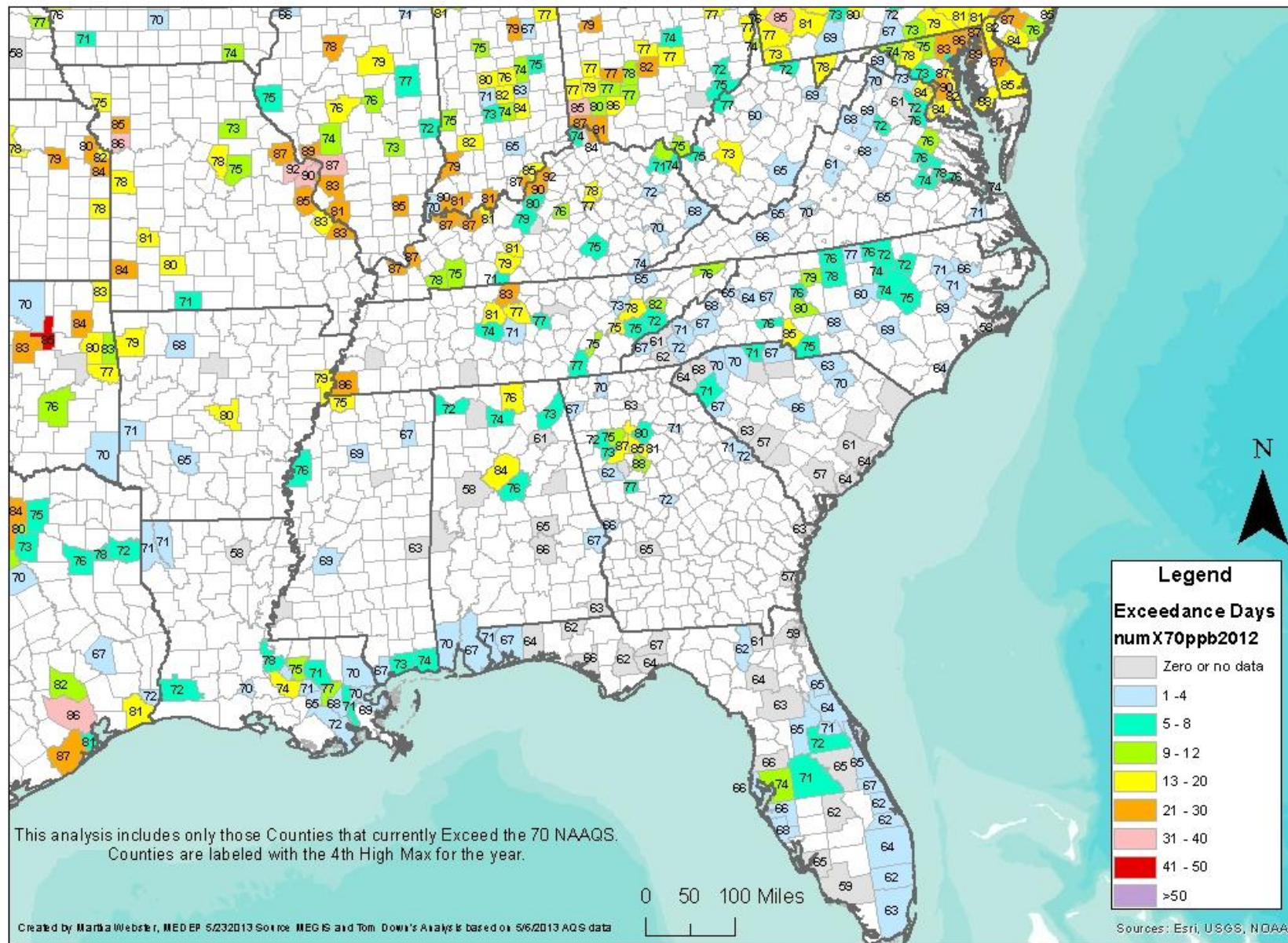


FIGURE B-43:

CenRAP, ND & SD 70ppb Ozone NAAQS: 2007 4th High 8hr/Number of Days > NAAQS

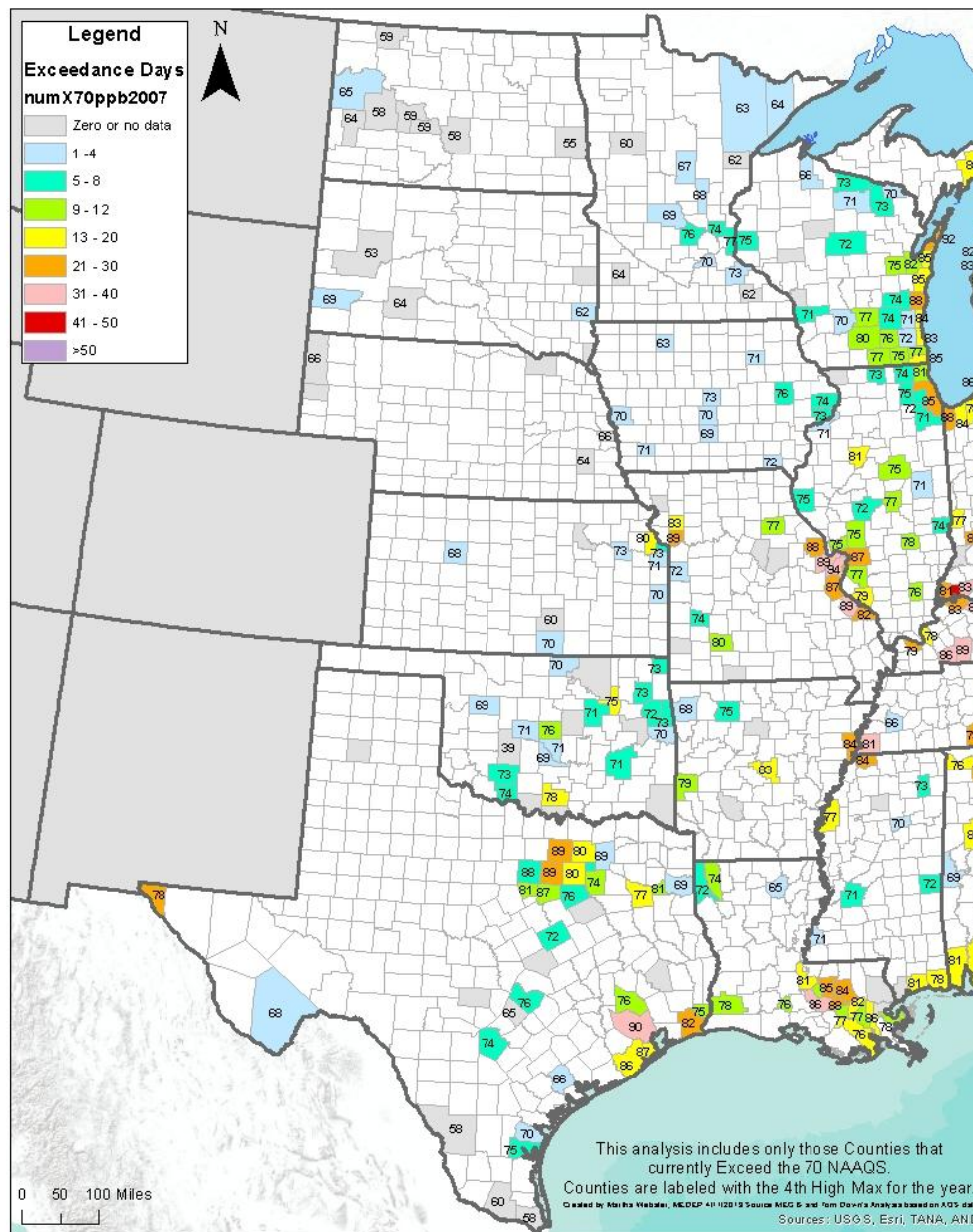


FIGURE B-44:

CenRAP, ND & SD 70ppb Ozone NAAQS: 2008 4th High 8hr/Number of Days > NAAQS

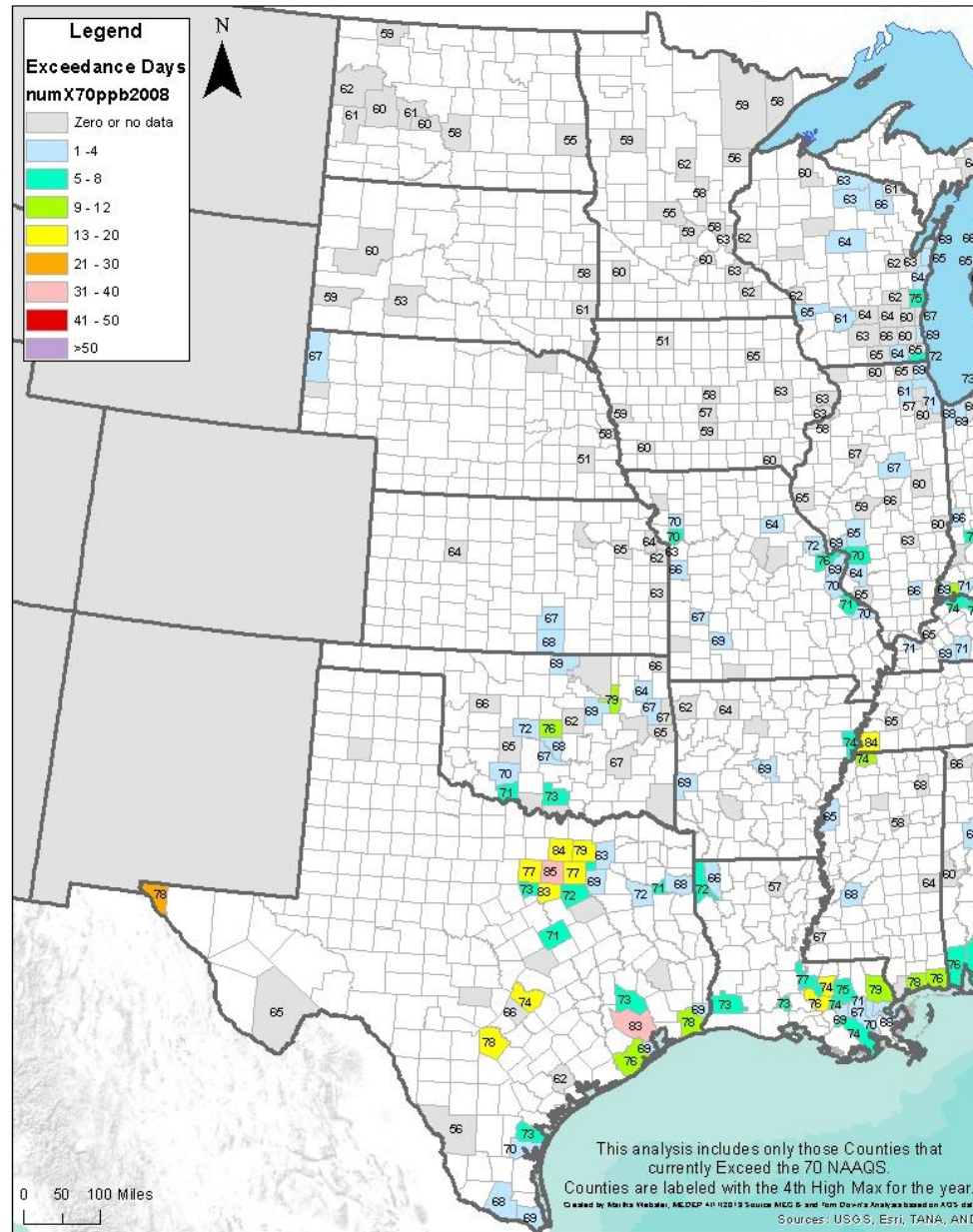


FIGURE B-45:

CenRAP, ND & SD 70ppb Ozone NAAQS: 2009 4th High 8hr/Number of Days > NAAQS

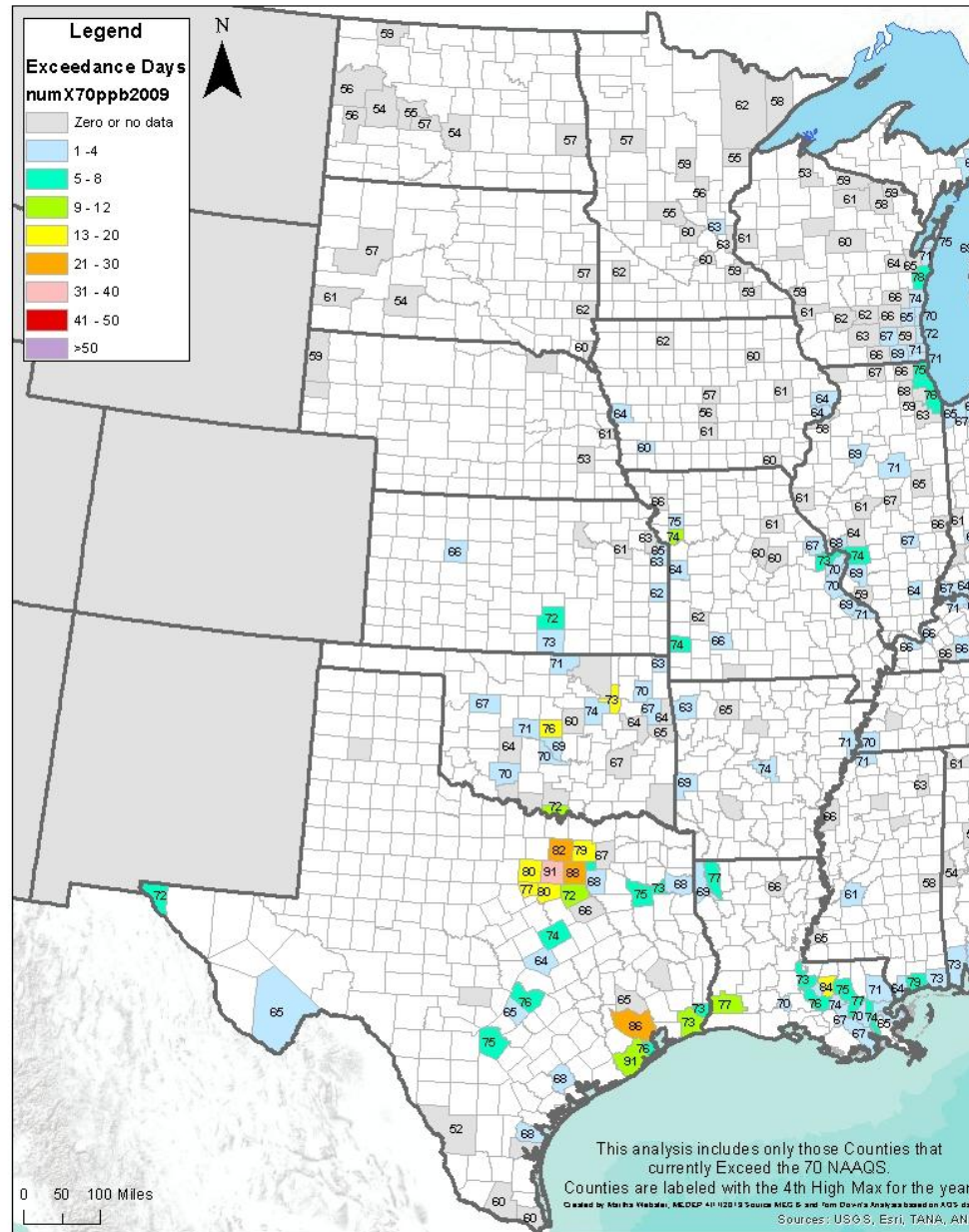


FIGURE B-46:

CenRAP, ND & SD 70ppb Ozone NAAQS: 2010 4th High 8hr/Number of Days > NAAQS

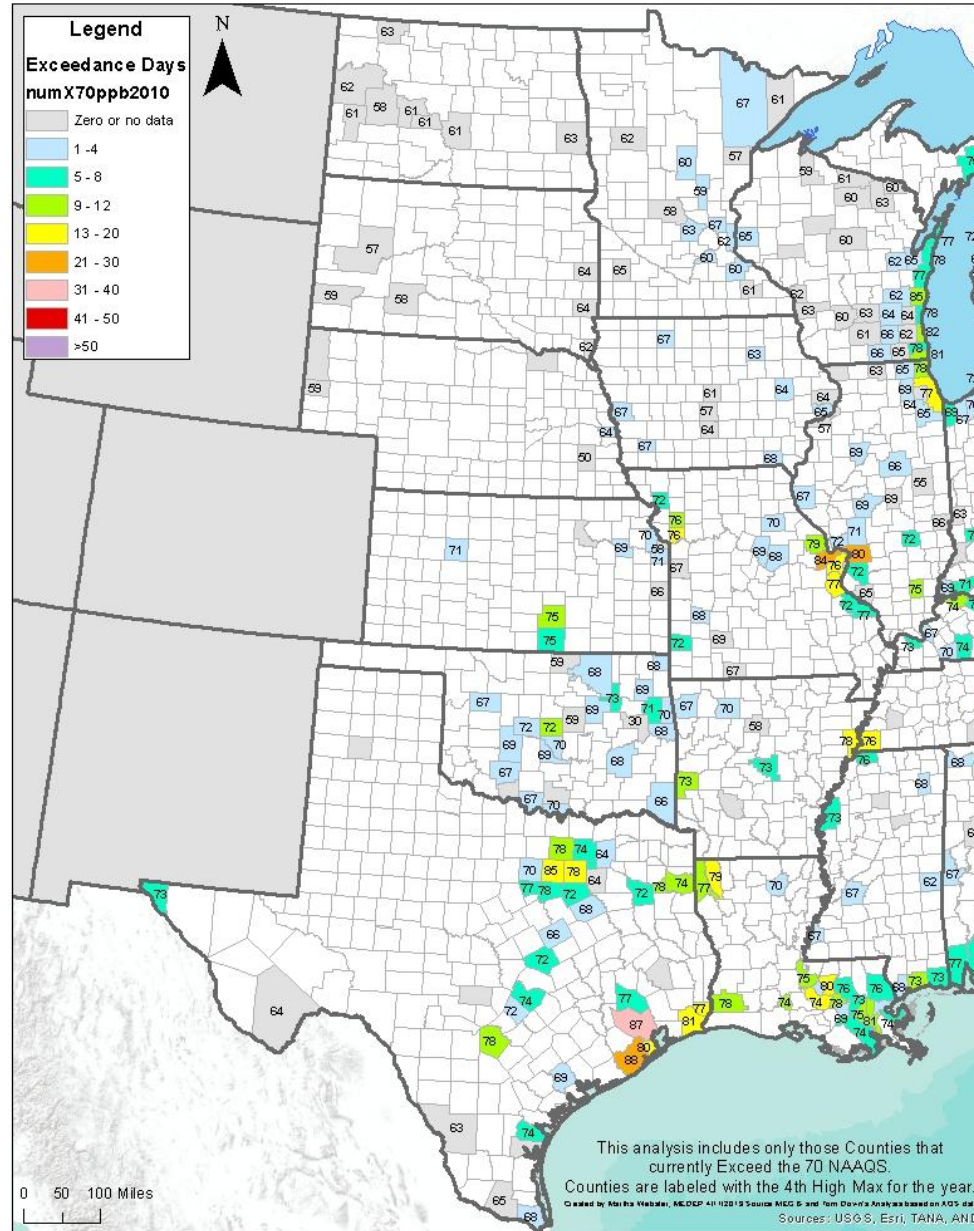


FIGURE B-47:

CenRAP, ND & SD 70ppb Ozone NAAQS: 2011 4th High 8hr/Number of Days > NAAQS

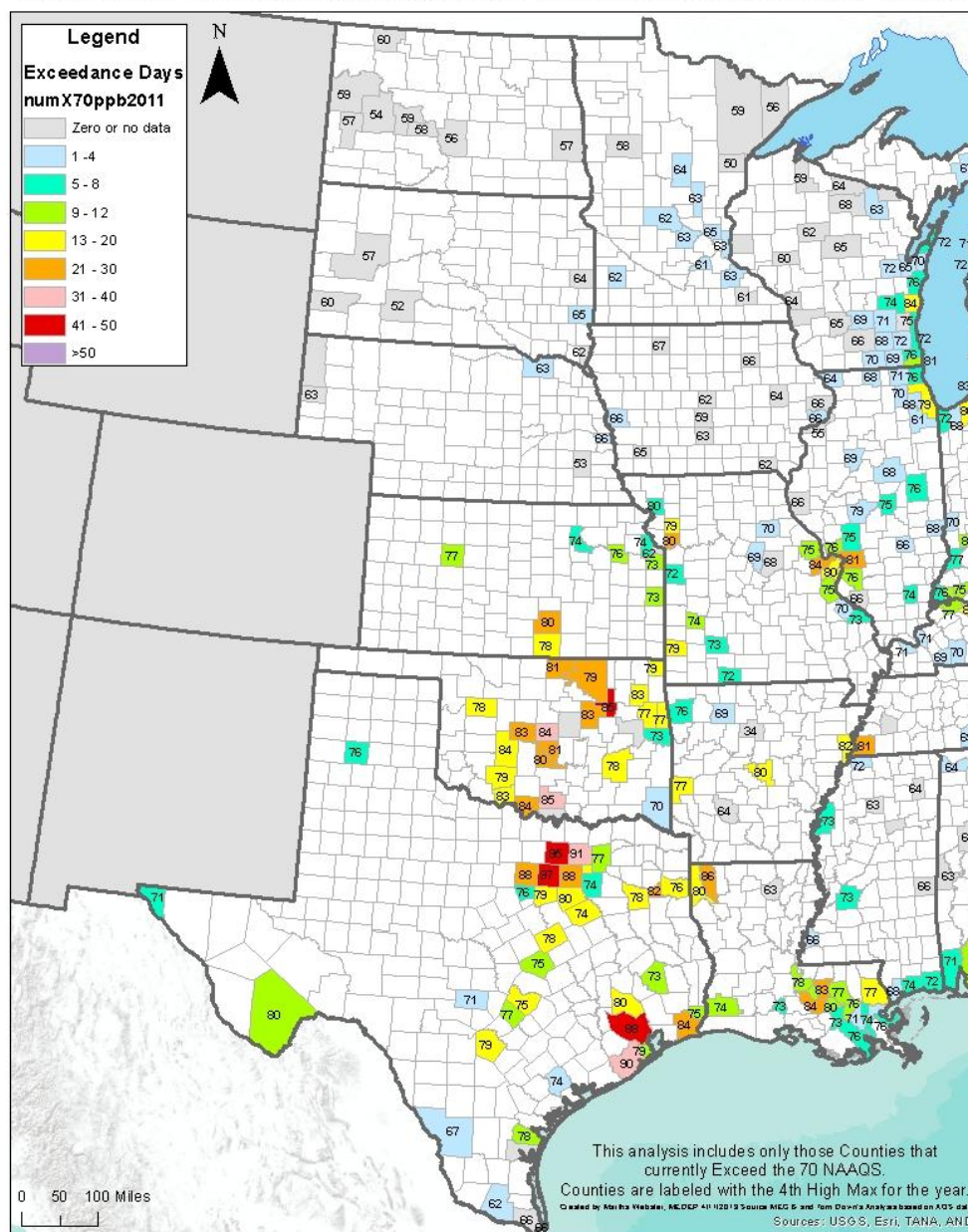


FIGURE B-48:

CenRAP, ND & SD 70ppb Ozone NAAQS: 2012 4th High 8hr/Number of Days > NAAQS

