Future Modeling Platform Base Year Determination

APPENDIX H
REGIONAL HAZE ($PM_{2.5}$ SURROGATE) 2007-12
PERCENTAGE OF 20% WORST DAYS BY SEASON MAPS

October 9, 2013 FINAL

The following 2007-12 season maps show the percentage of days in a season that were identified as a 20% worst visibility day using $PM_{2.5}$ as a surrogate . (Note: 20% worst visibility days for seasonal analyses maps in this appendix are based on the entire year not on the season.):

- Figures F-1 to F-6 – Winter (January, February and December) percentage of 20% worst (surrogate) visibility days
- Figures F-7 to F-12 – Spring (March – May) percentage of 20% worst (surrogate) visibility days
- Figures F-13 to F-18 – Summer (June – August) percentage of 20% worst (surrogate) visibility days
- Figures F-19 to F-24 – Fall/Autumn (September – November) percentage of 20% worst (surrogate) visibility days

FIGURE H-1:

2007 Winter Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

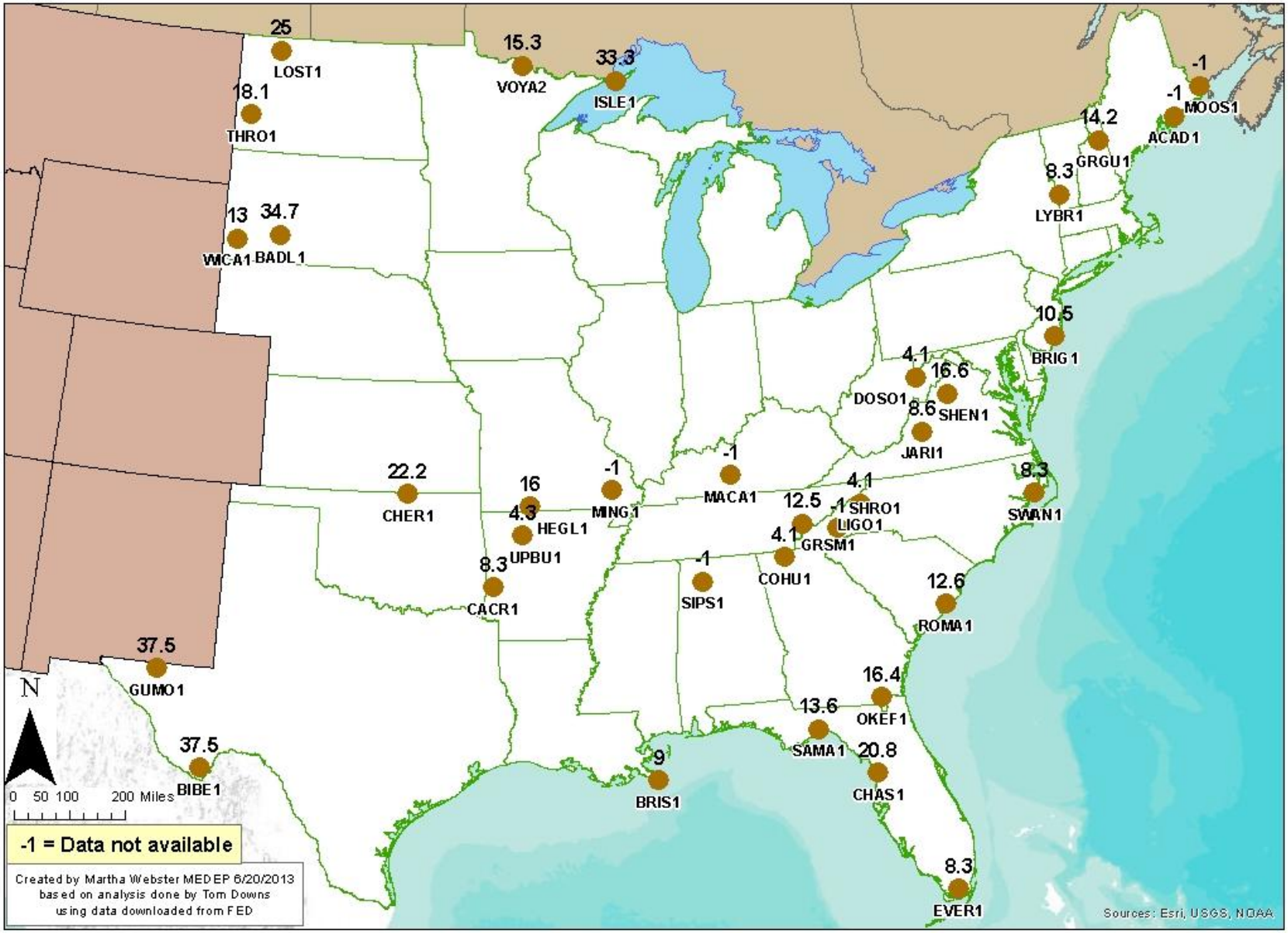


FIGURE H-2:

2008 Winter Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

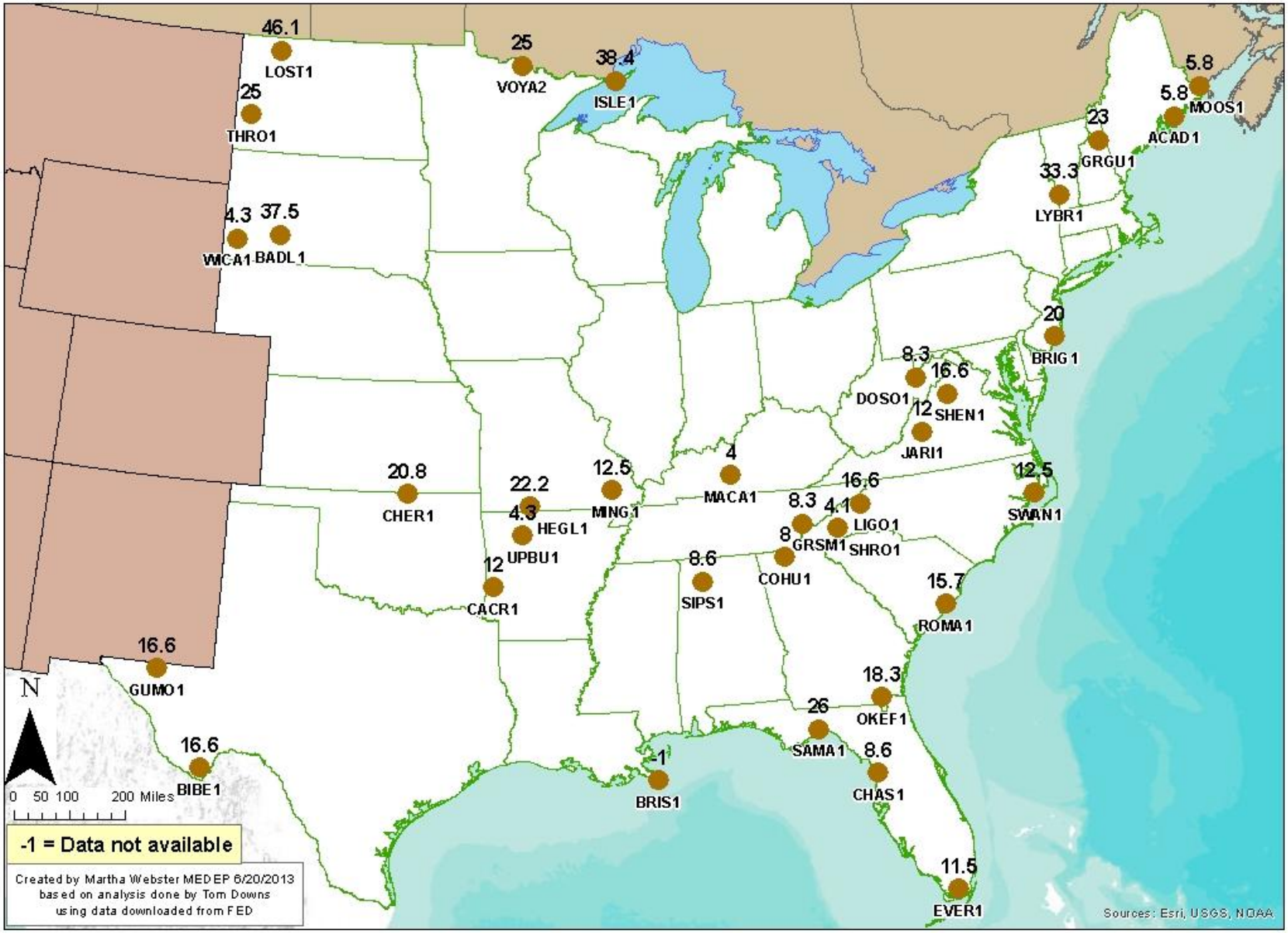


FIGURE H-3:

2009 Winter Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

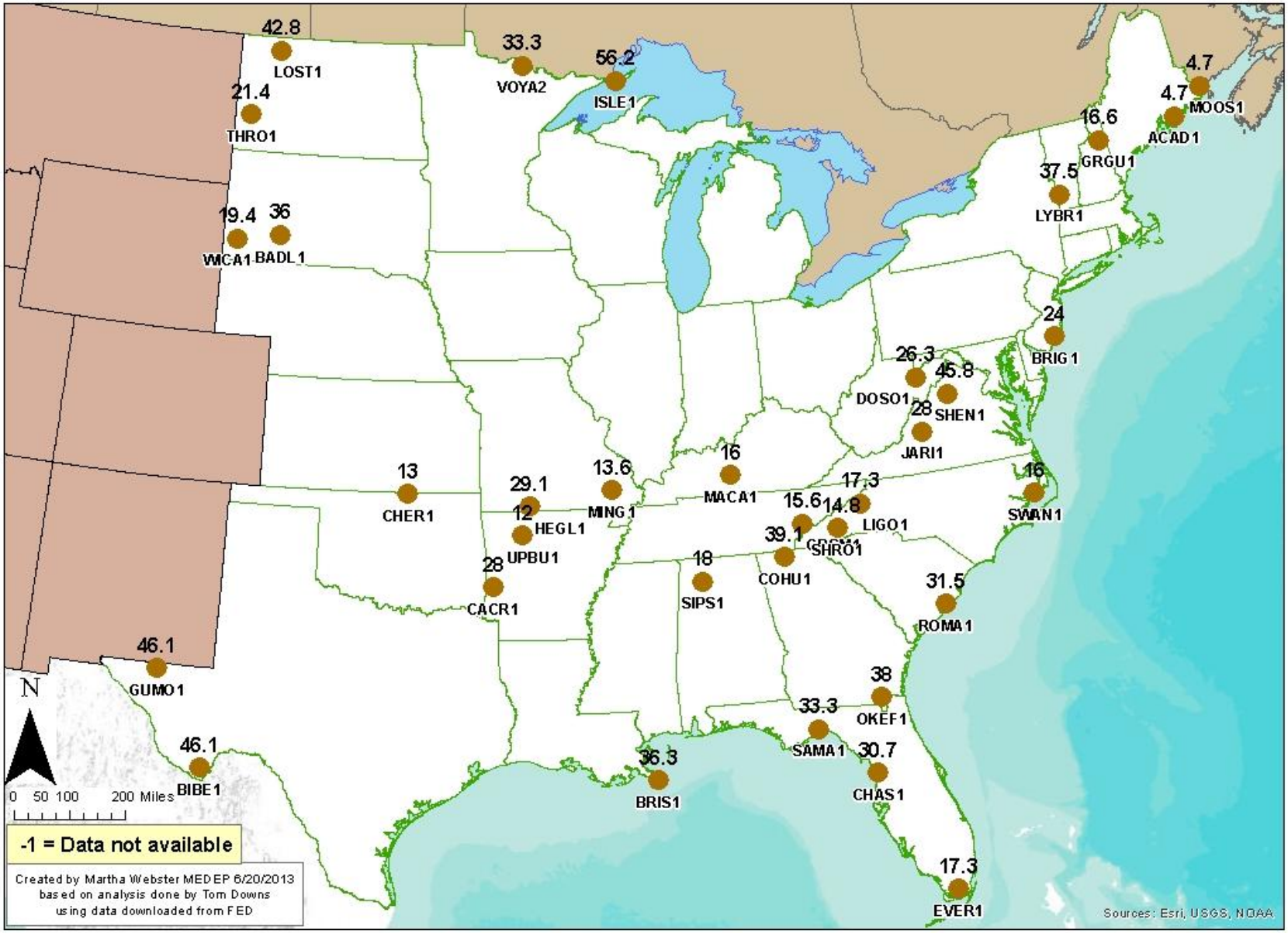


FIGURE H-4:

2010 Winter Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

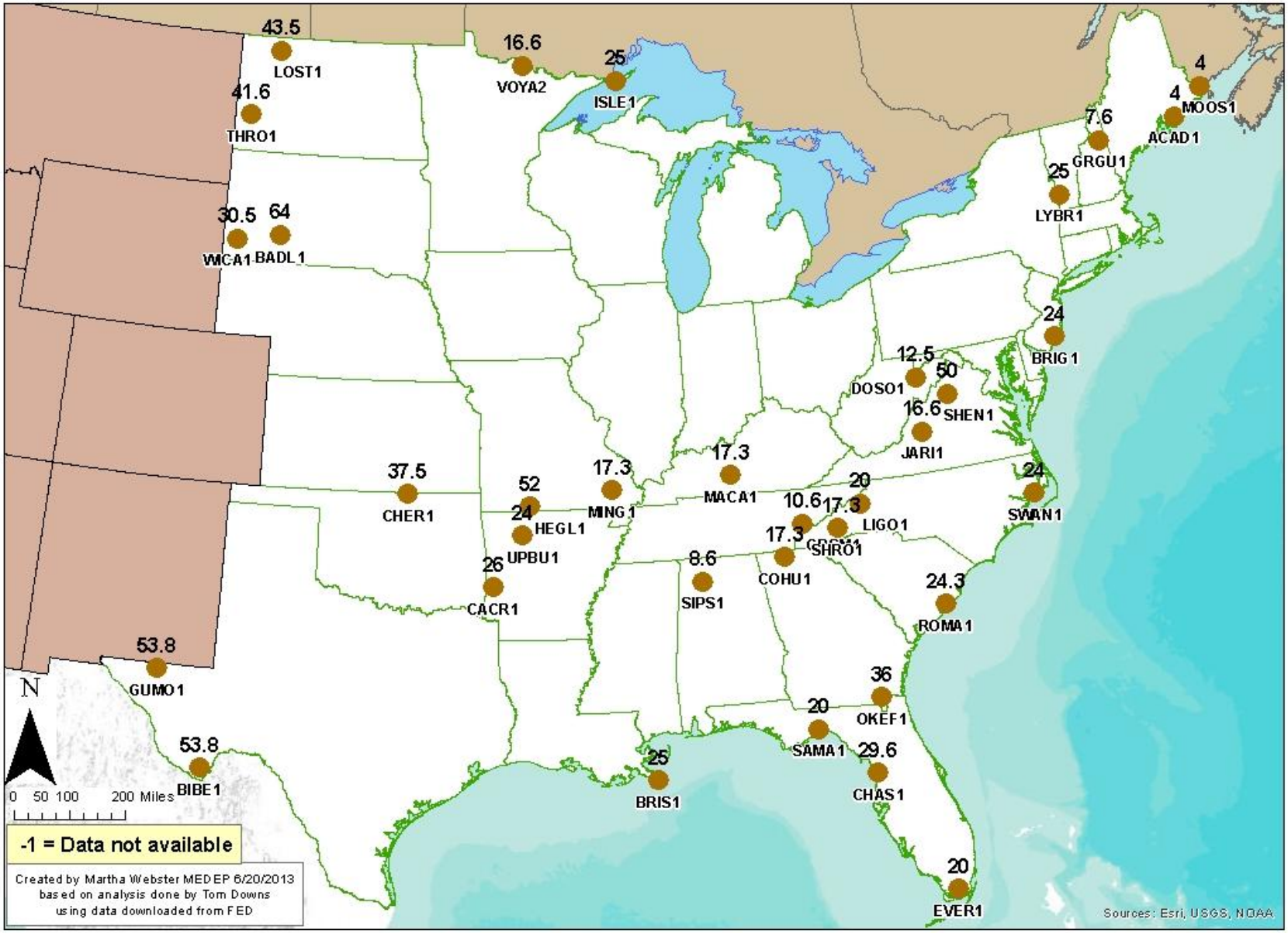


FIGURE H-5:

2011 Winter Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

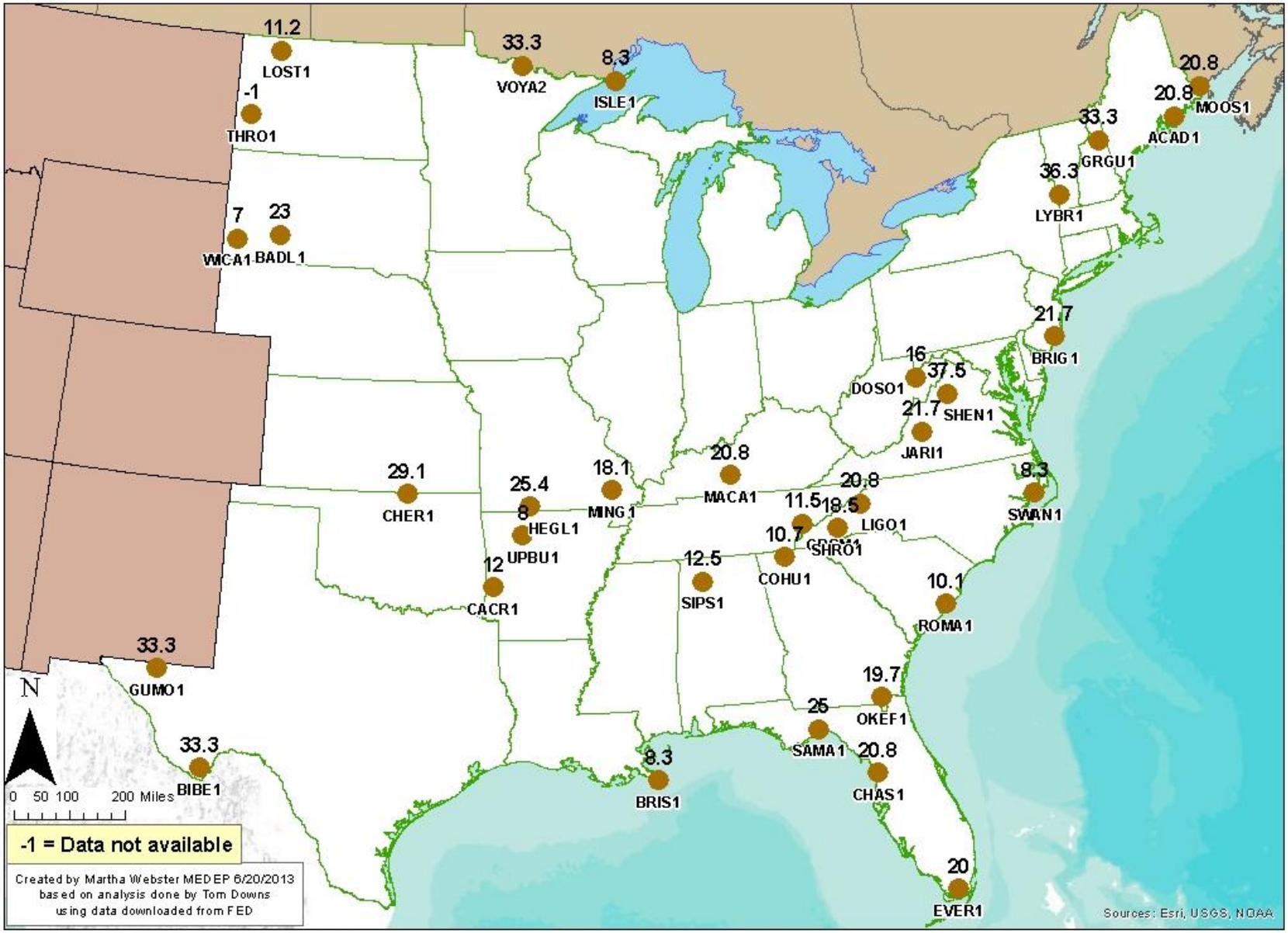


FIGURE H-6:

2012 Winter Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

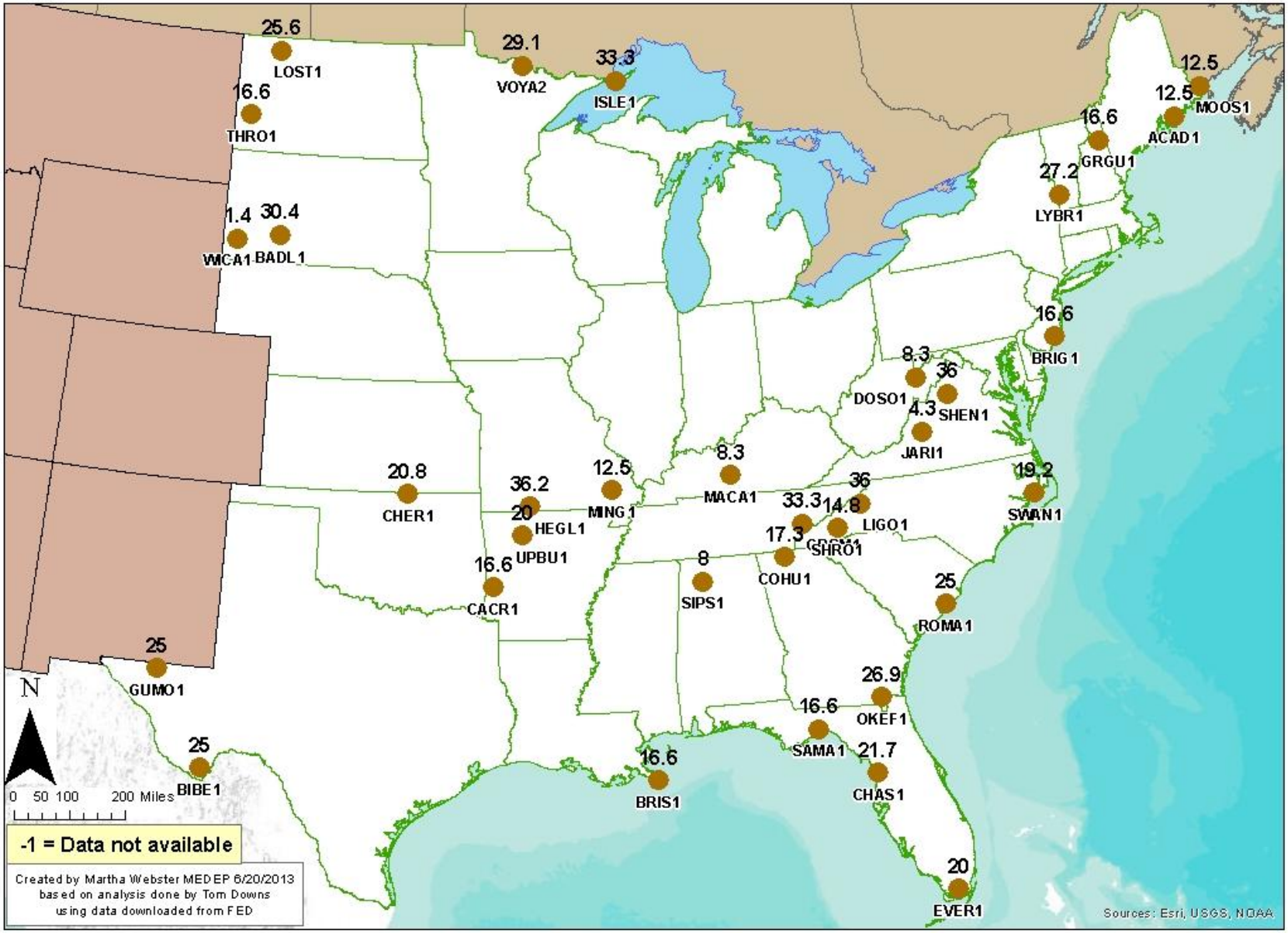


FIGURE H-7:

2007 Spring Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

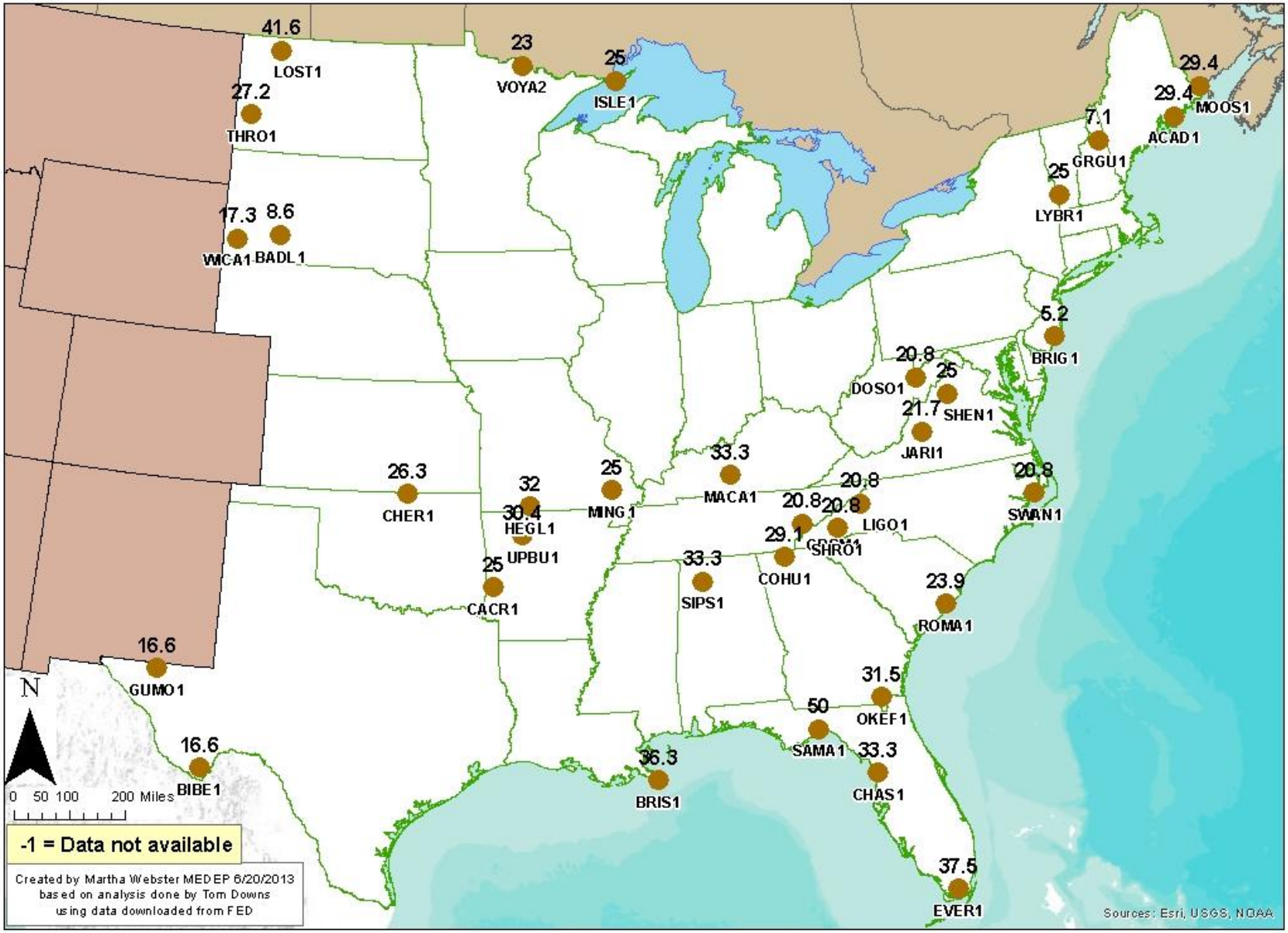


FIGURE H-8:

2008 Spring Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

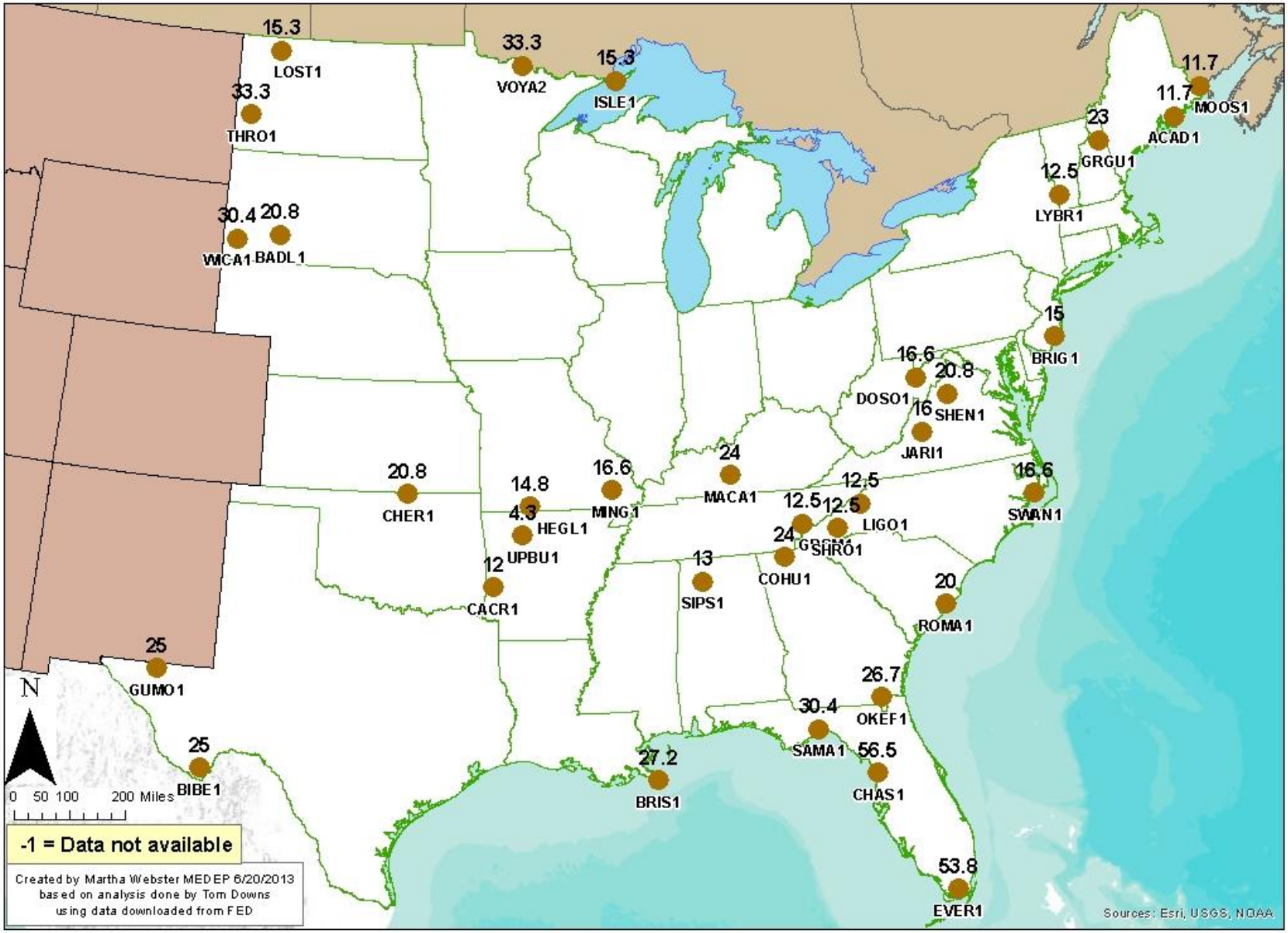


FIGURE H-9:

2009 Spring Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

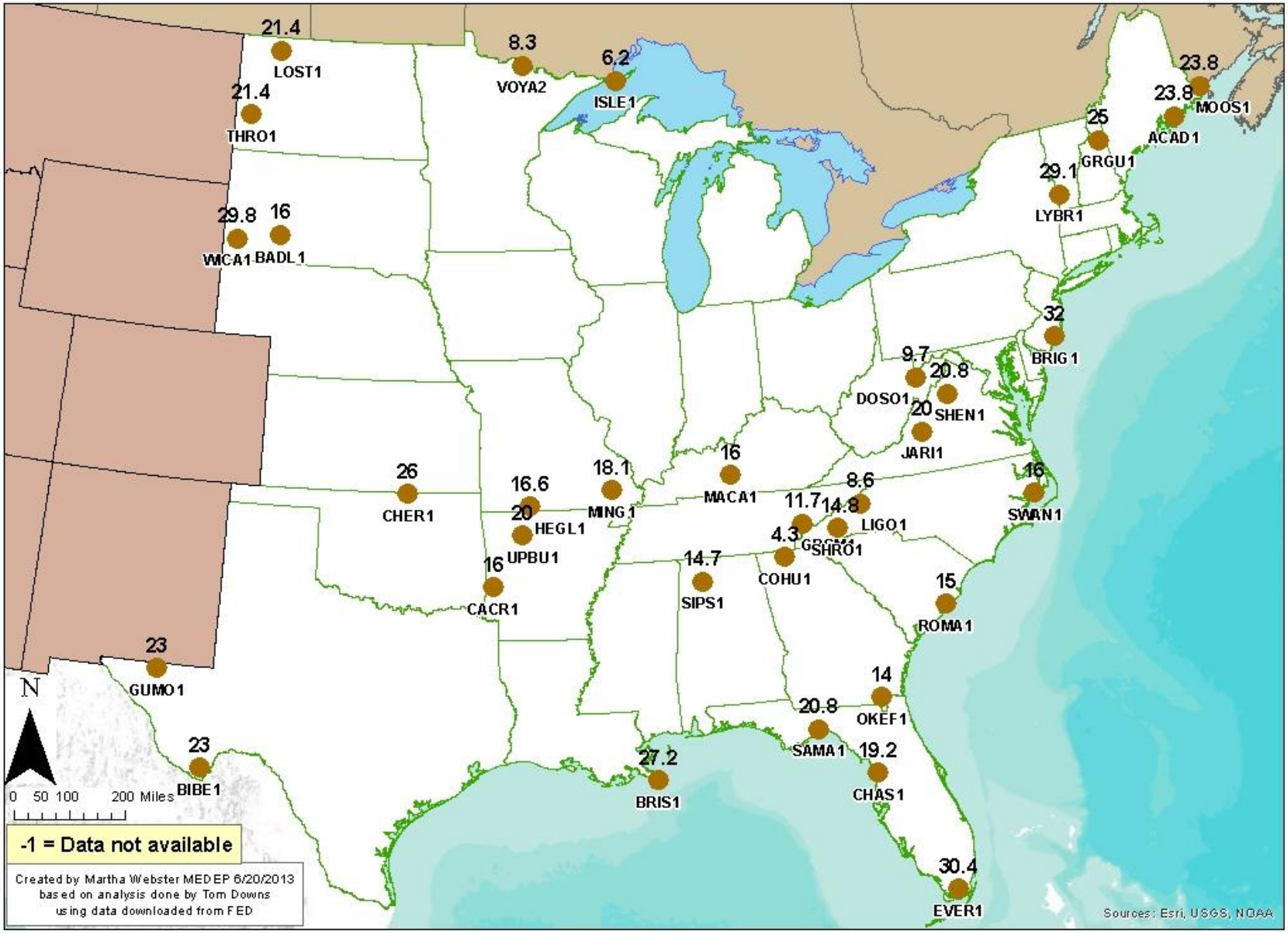


FIGURE H-10:

2010 Spring Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

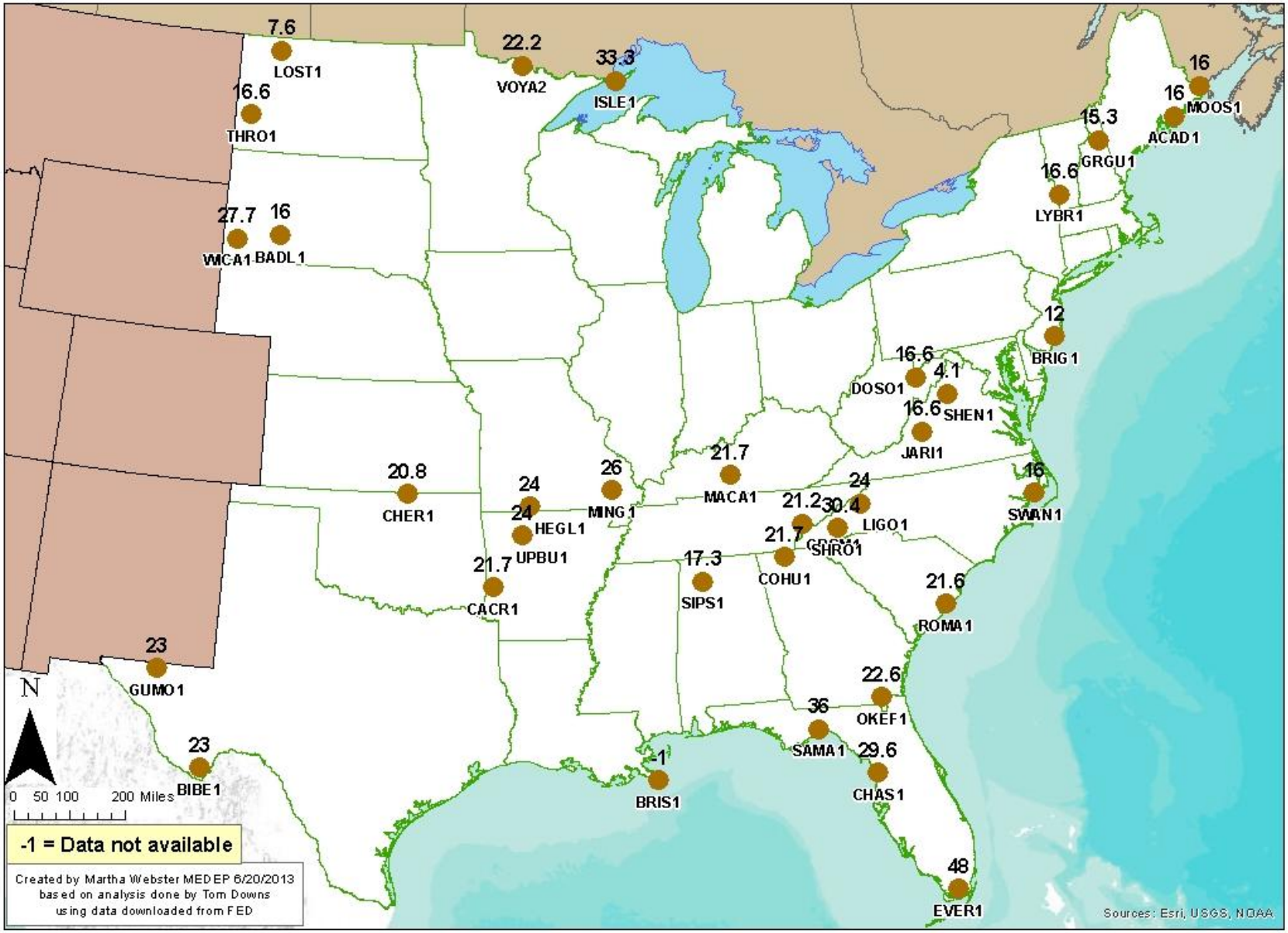


FIGURE H-11:

2011 Spring Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

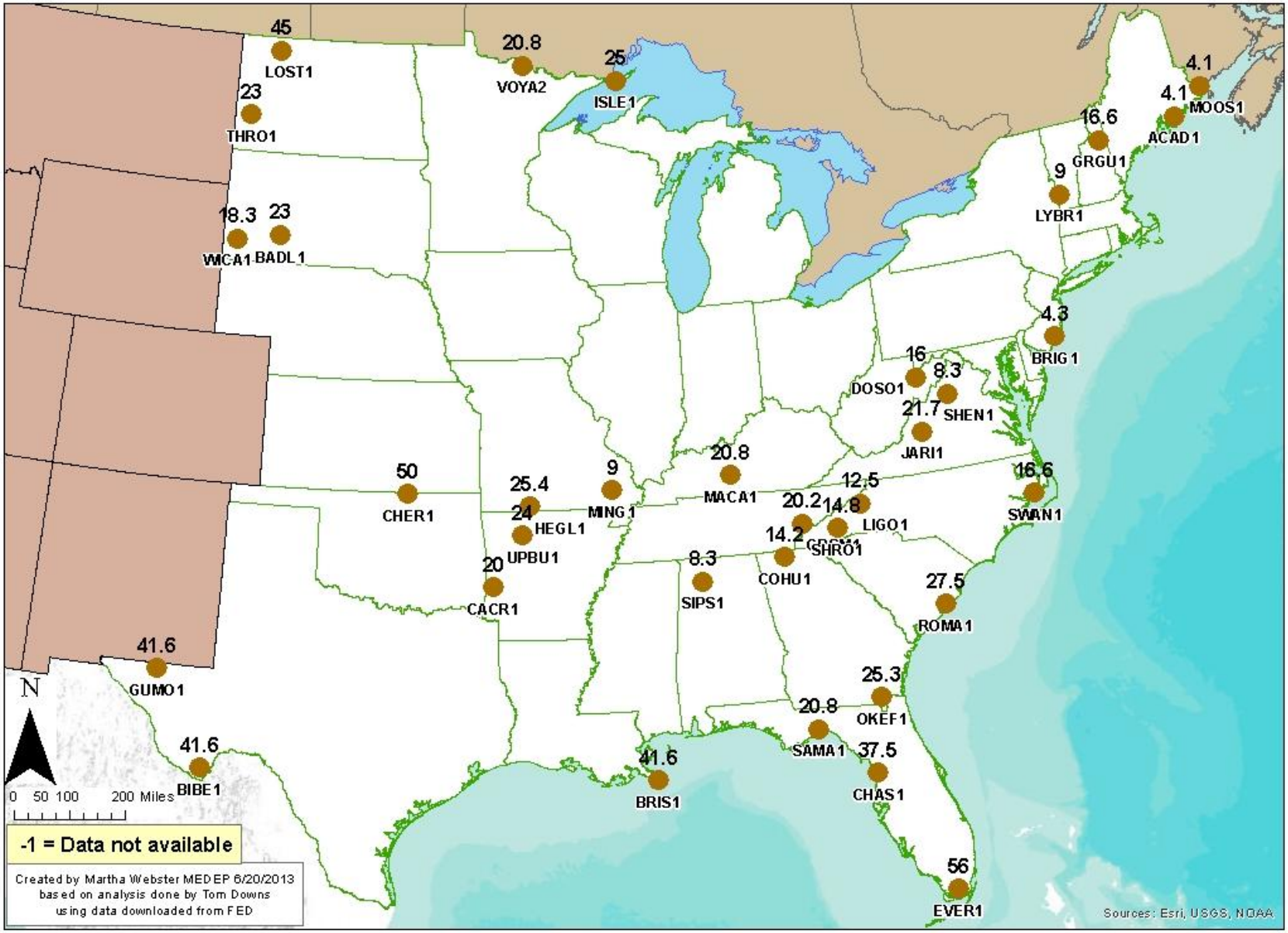


FIGURE H-12:

2012 Spring Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

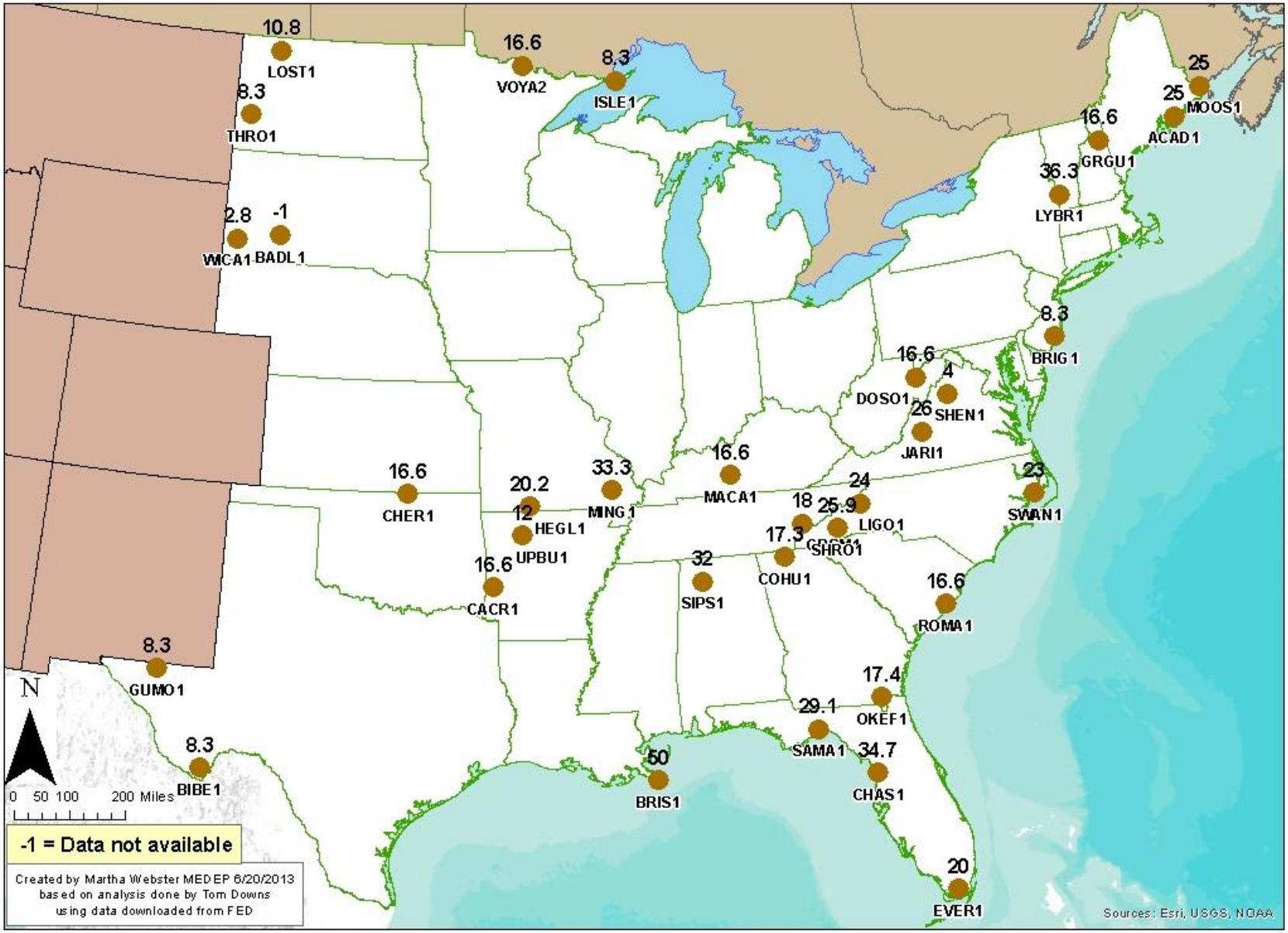


FIGURE H-13:

2007 Summer Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

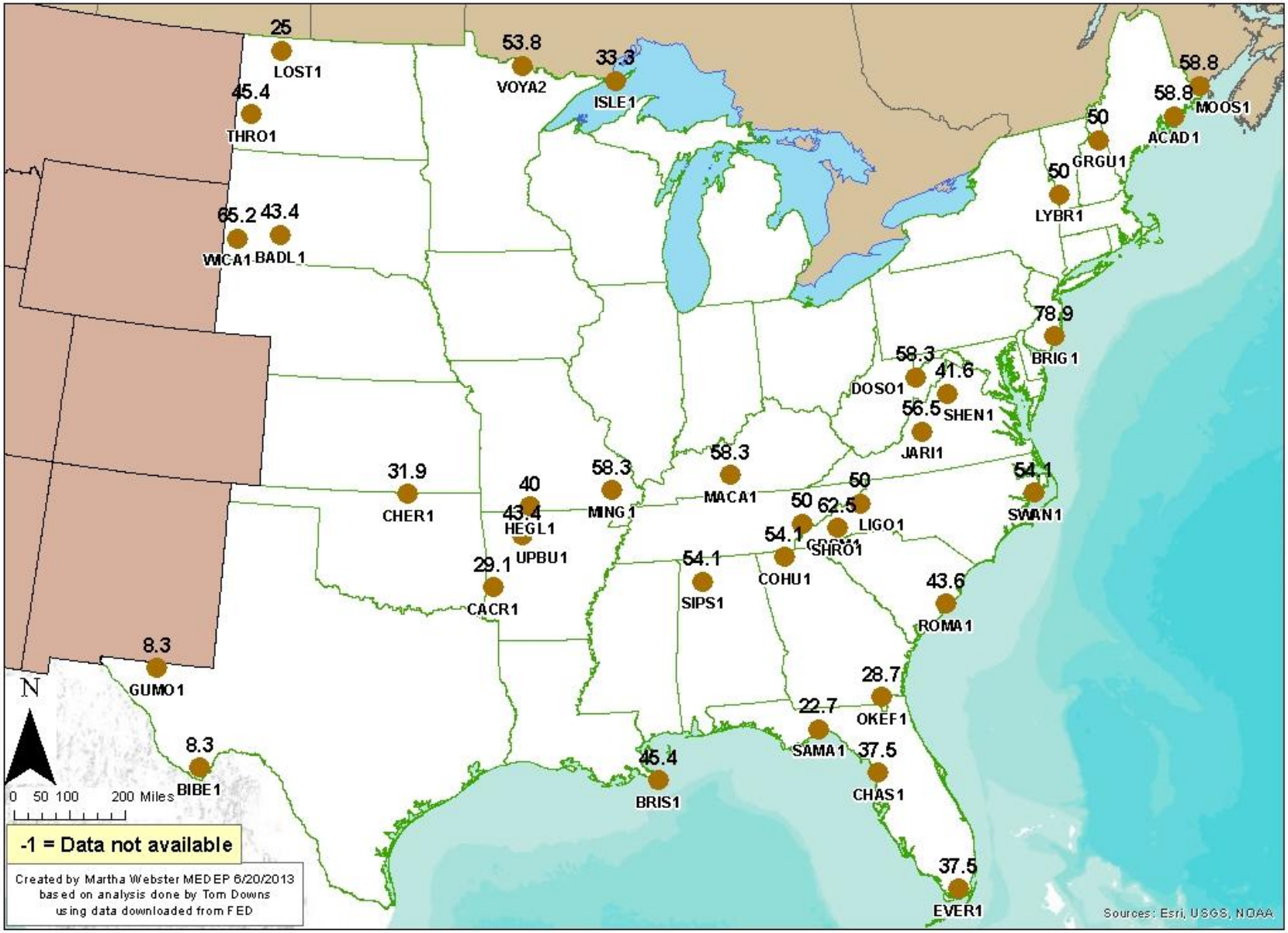


FIGURE H-14:

2008 Summer Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

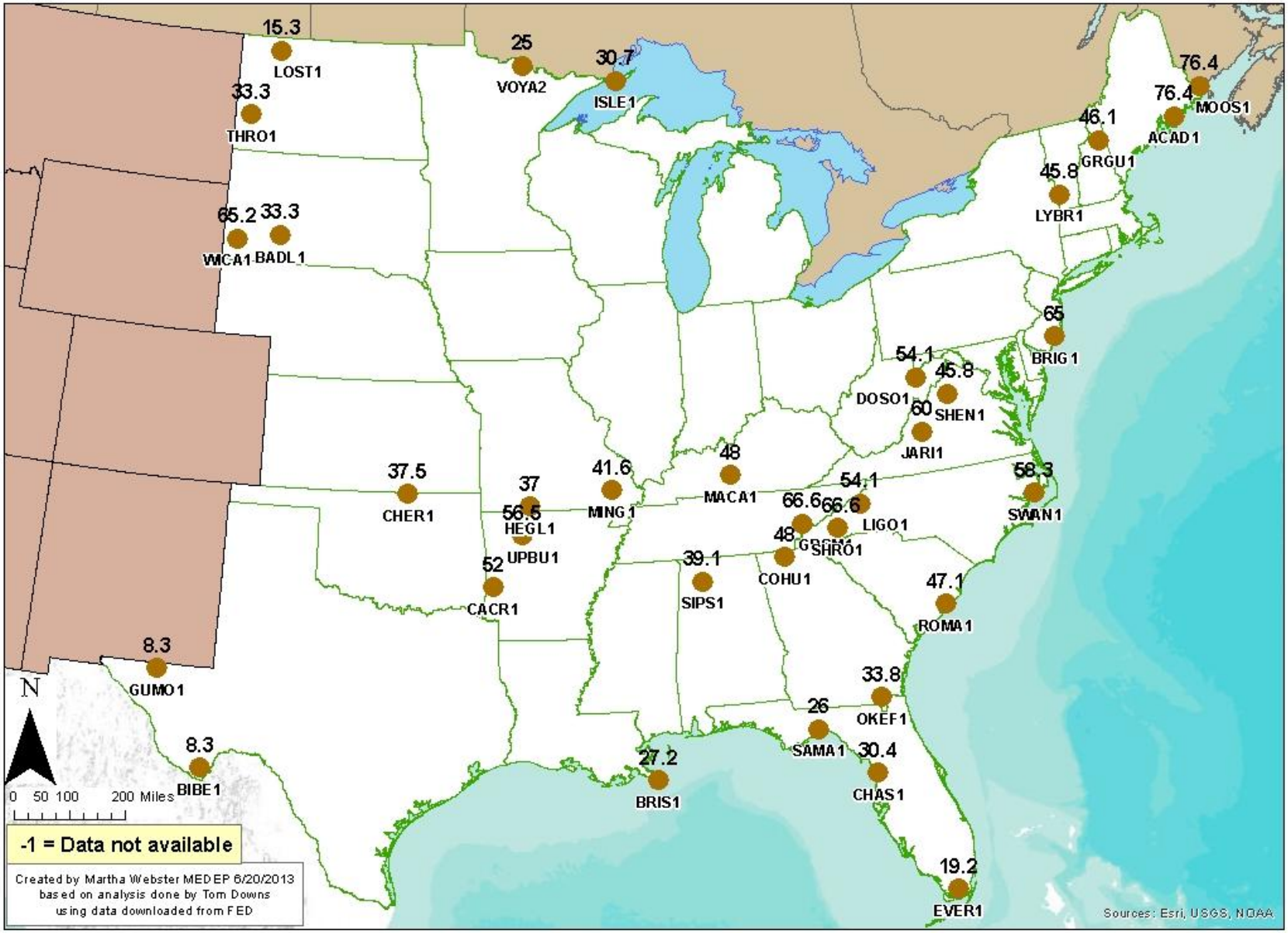


FIGURE H-15:

2009 Summer Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

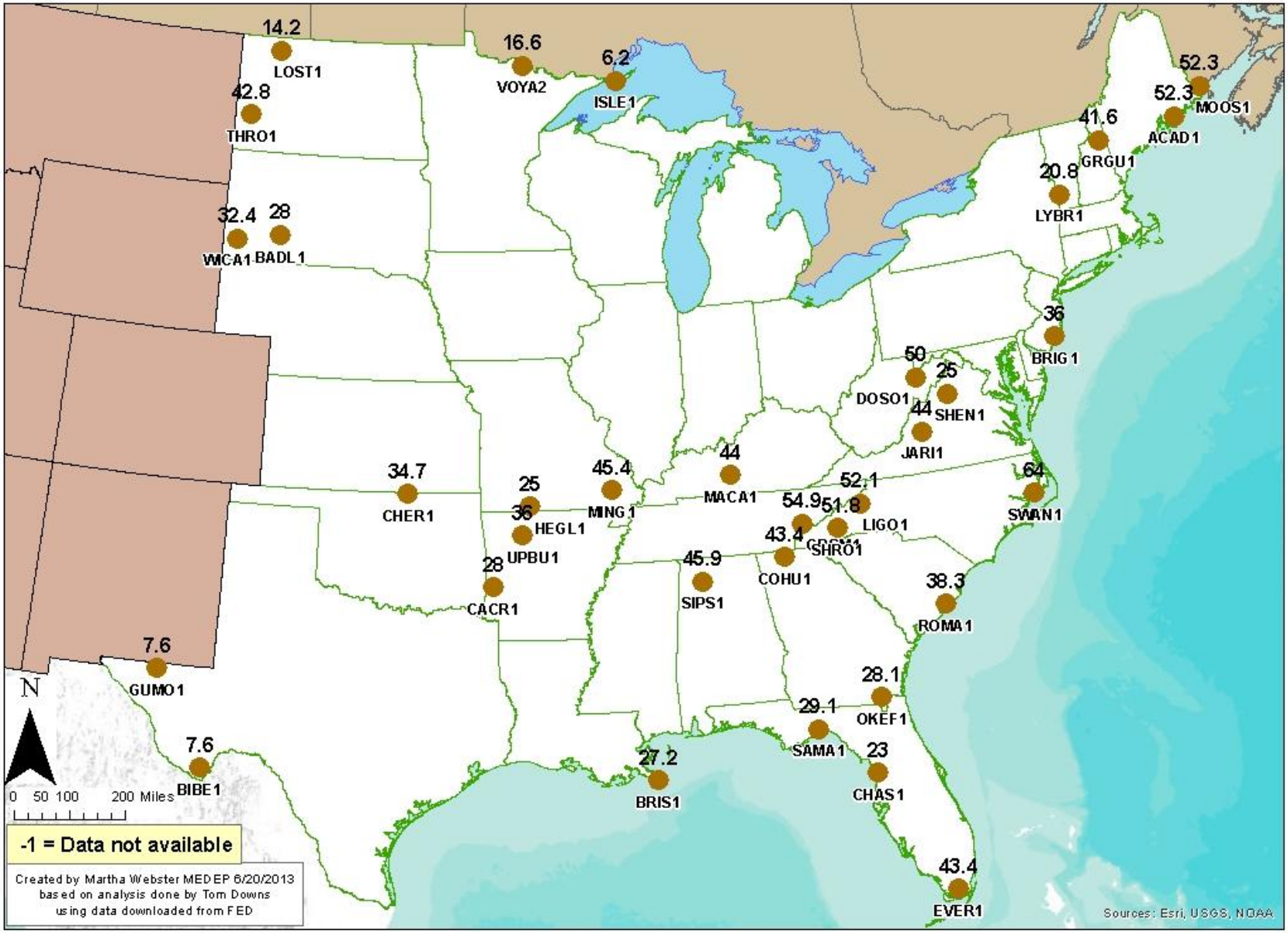


FIGURE H-16:

2010 Summer Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

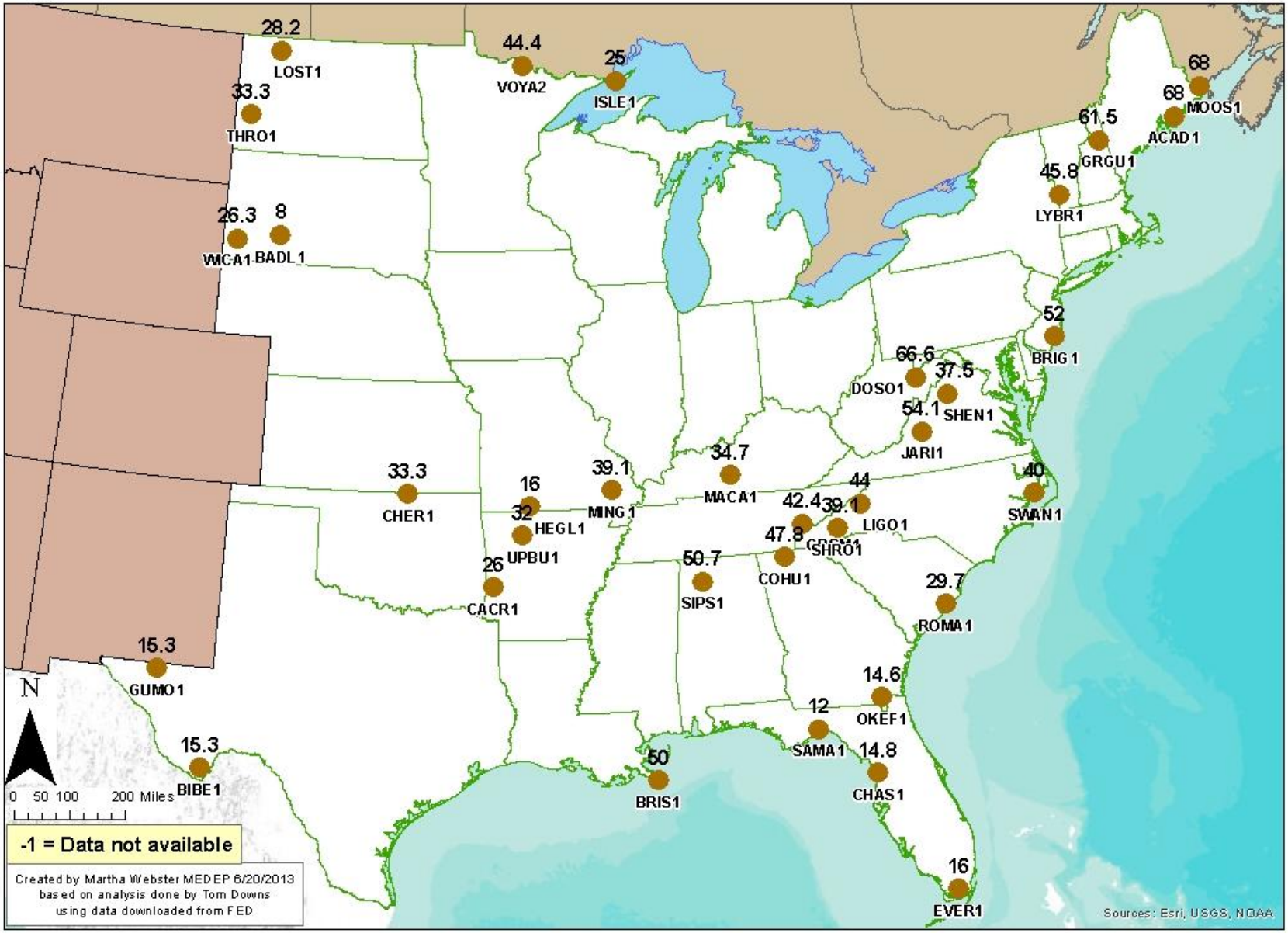


FIGURE H-17:

2011 Summer Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

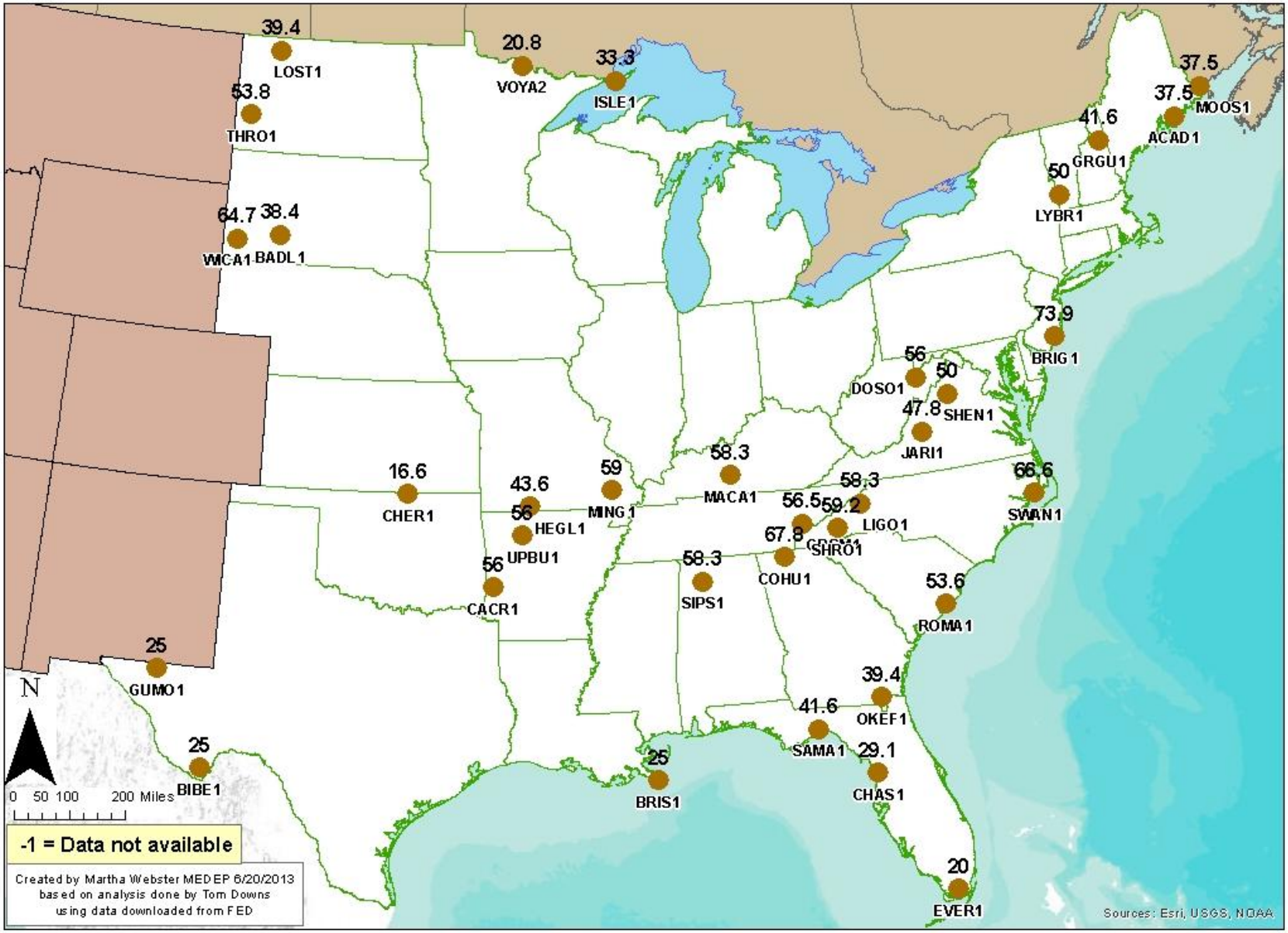


FIGURE H-18:

2012 Summer Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

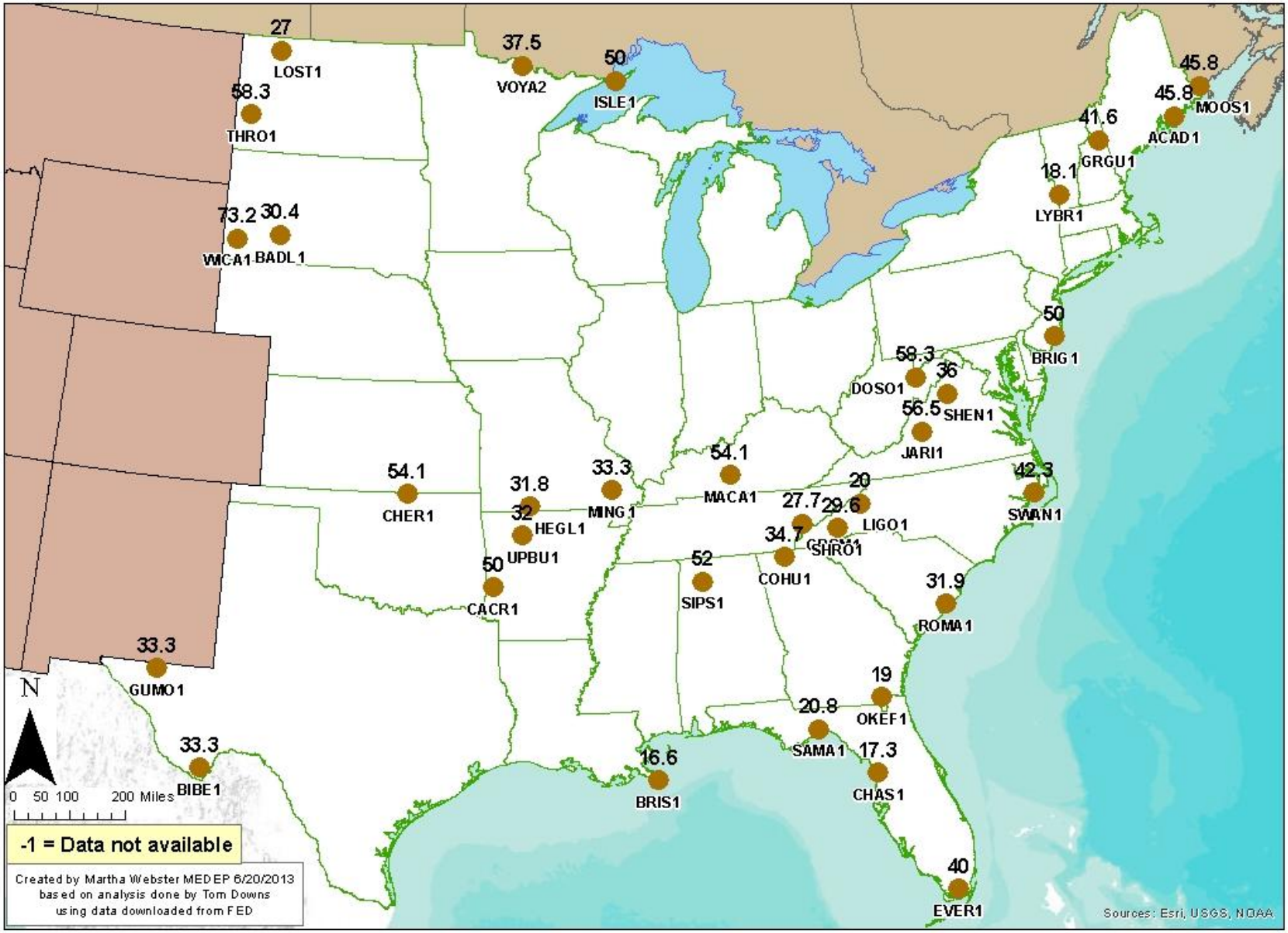


FIGURE H-19:

2007 Fall Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

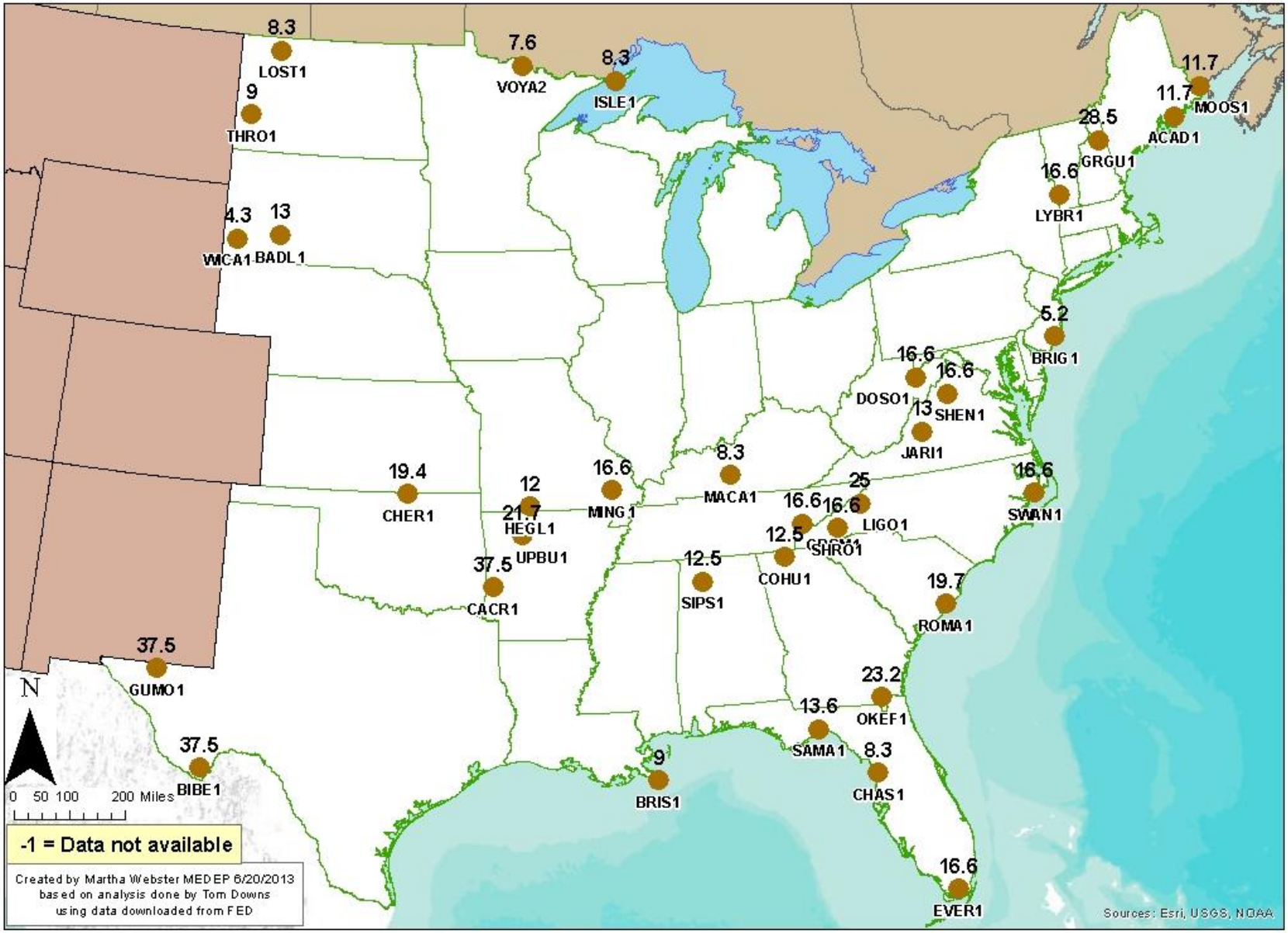


FIGURE H-20:

2008 Fall Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

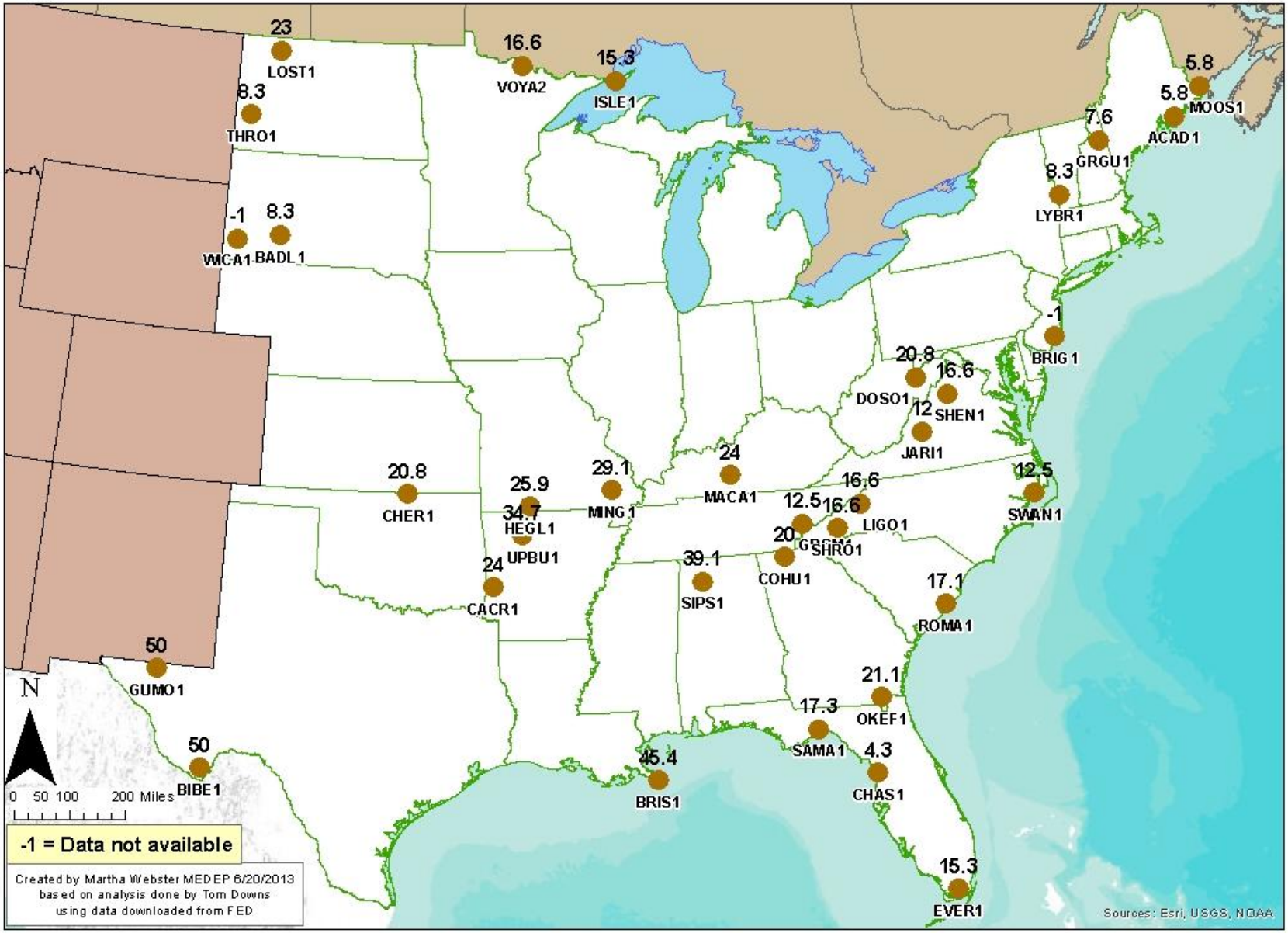


FIGURE H-21:

2009 Fall Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

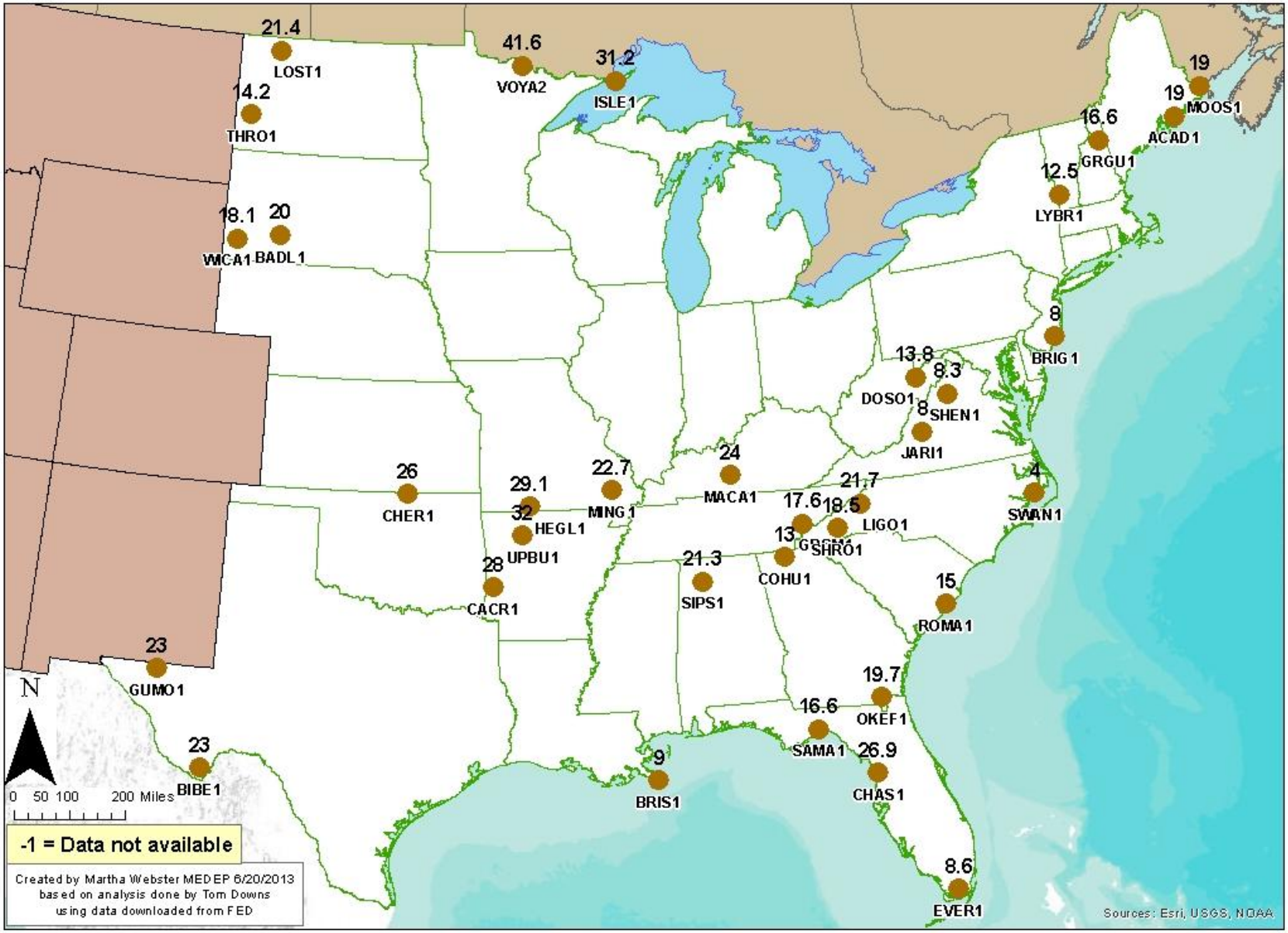


FIGURE H-22:

2010 Fall Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

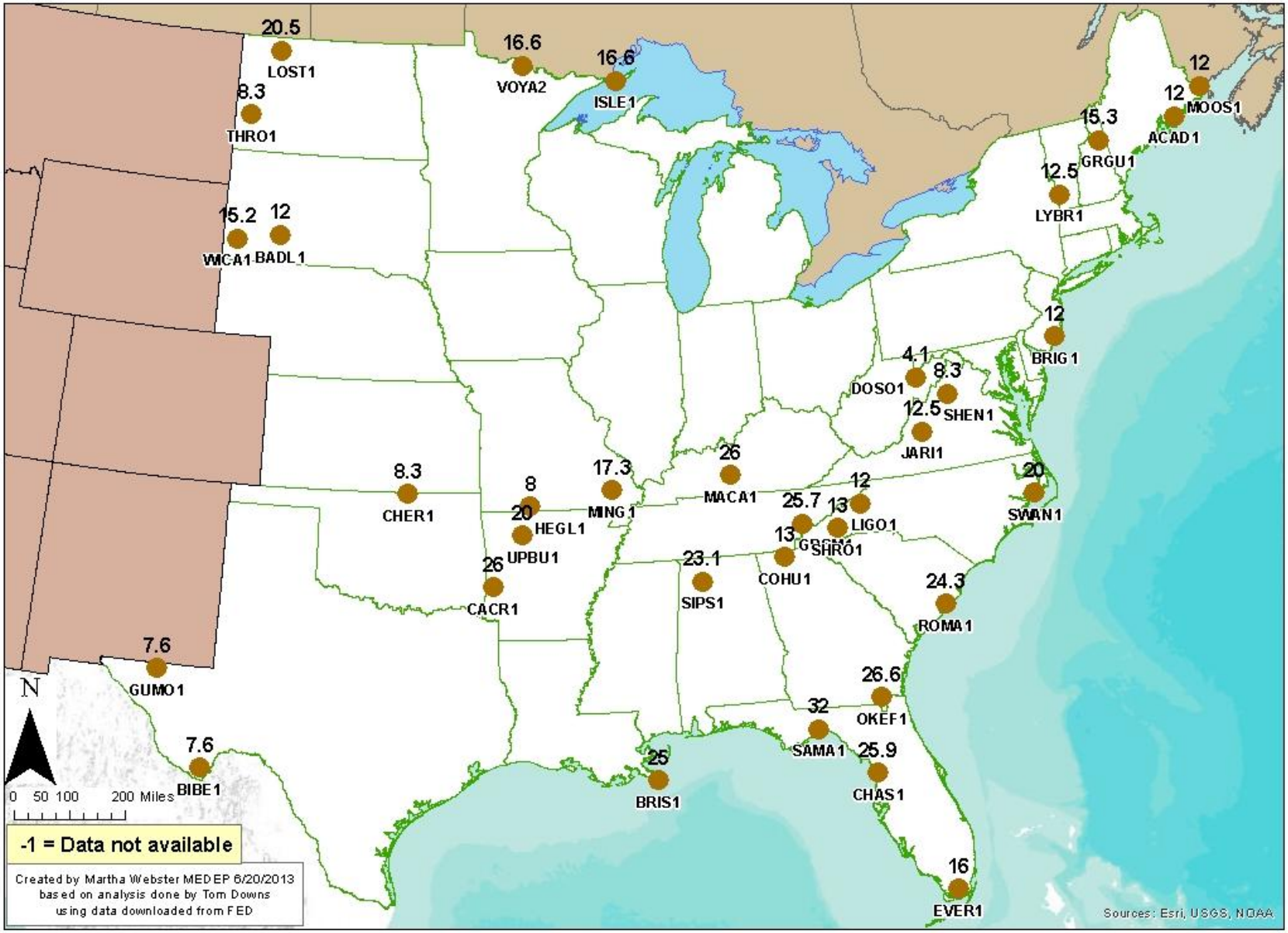


FIGURE H-23:

2011 Fall Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days

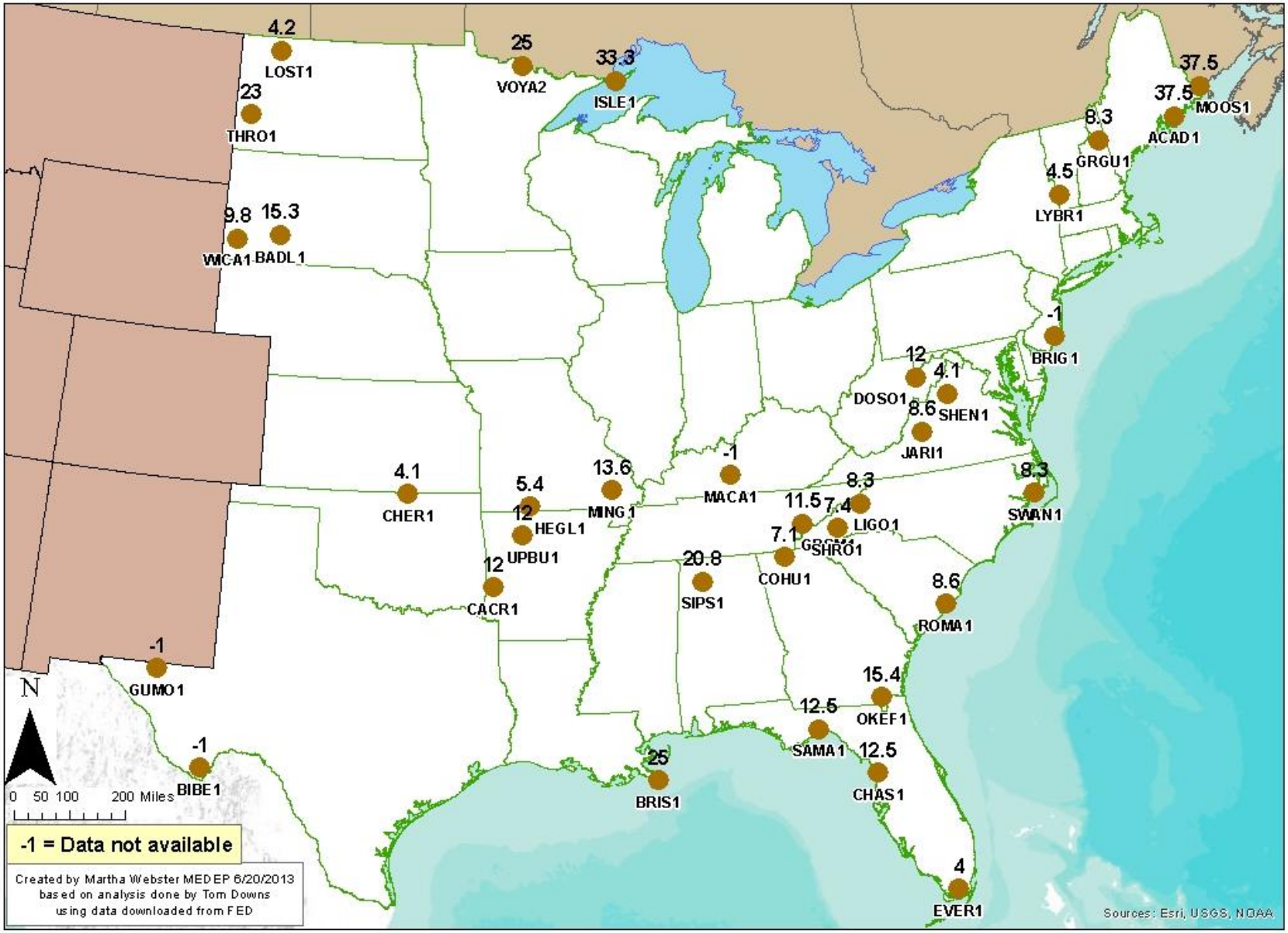
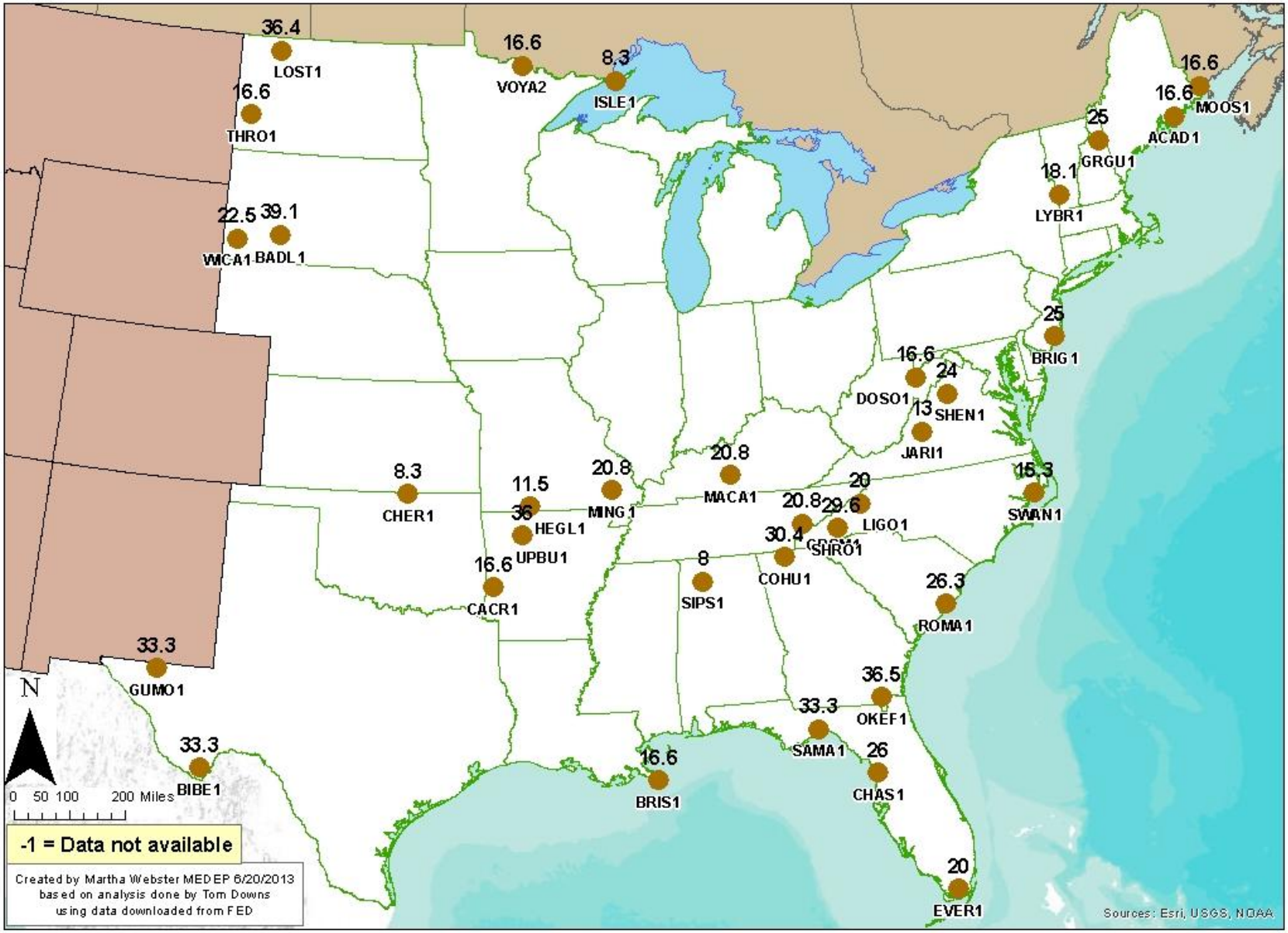


FIGURE H-24:

2012 Fall Seasonal (Surrogate) PM Percent of Days in the Annual Worst 20% Days