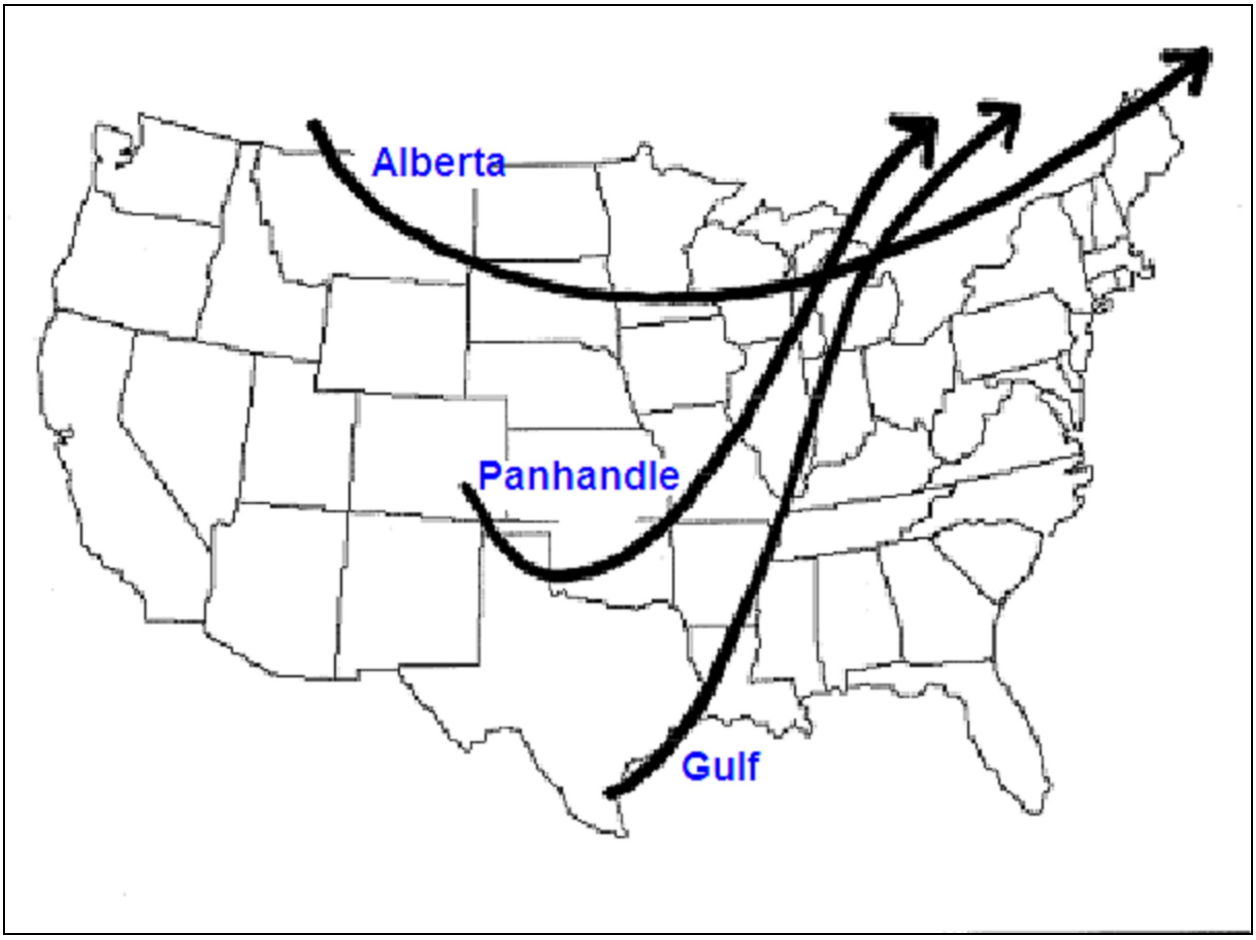
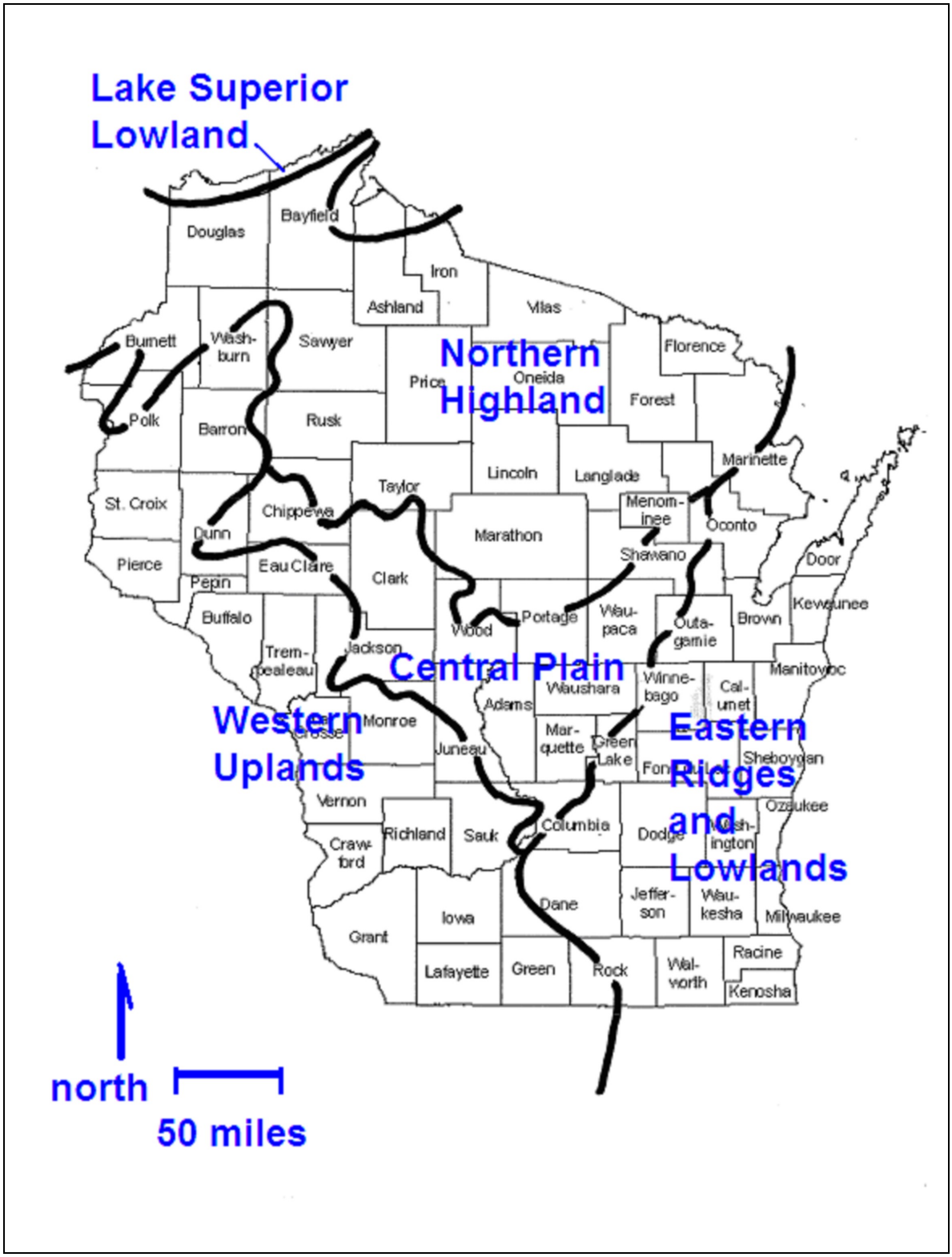
Figure 19.3.2-1 – Principle Tracks of Winter Synoptic Cyclones that Potentially Affect Wisconsin Weather[(a)]



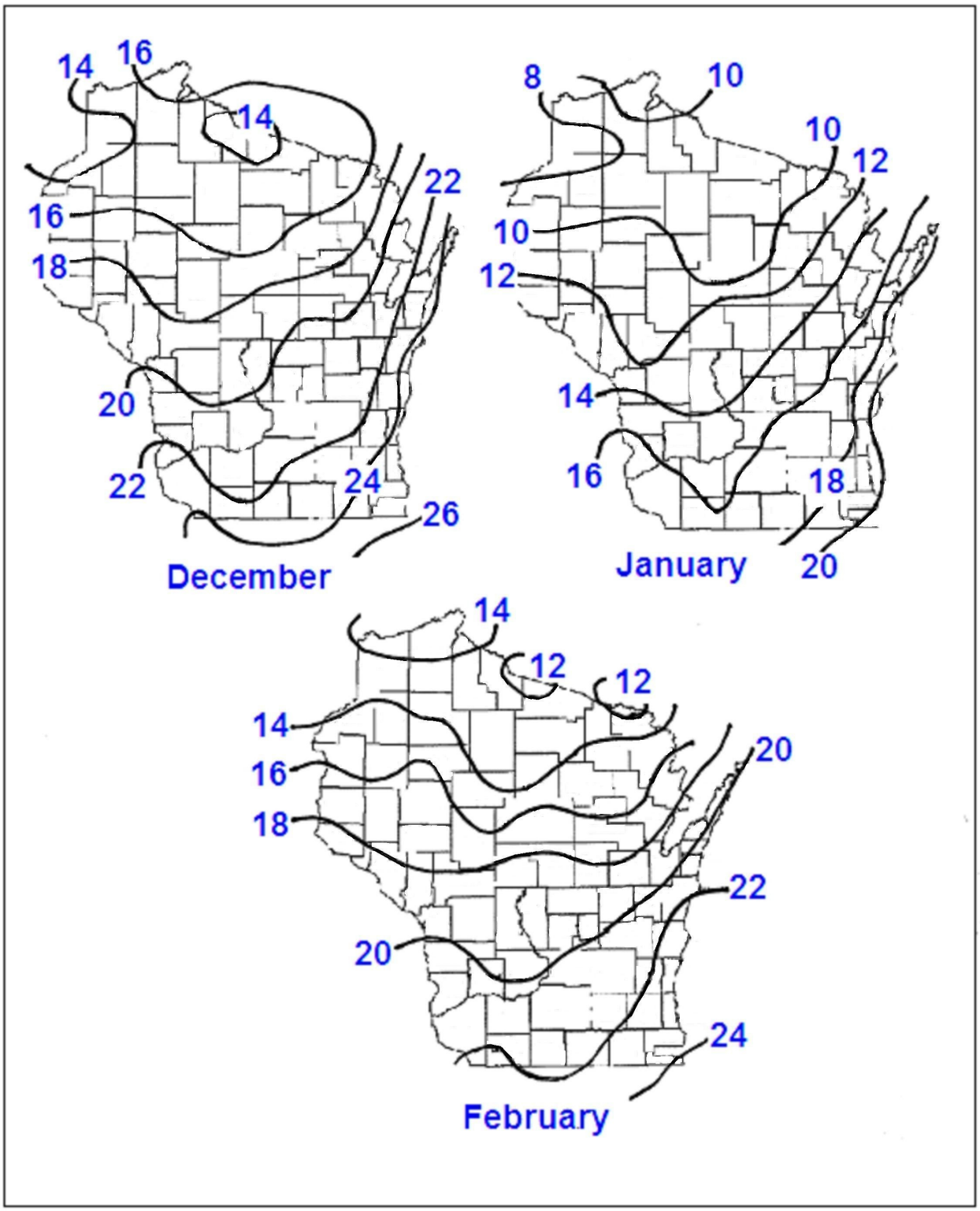
a) Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-2 – Physiographic Provinces of Wisconsin[a]



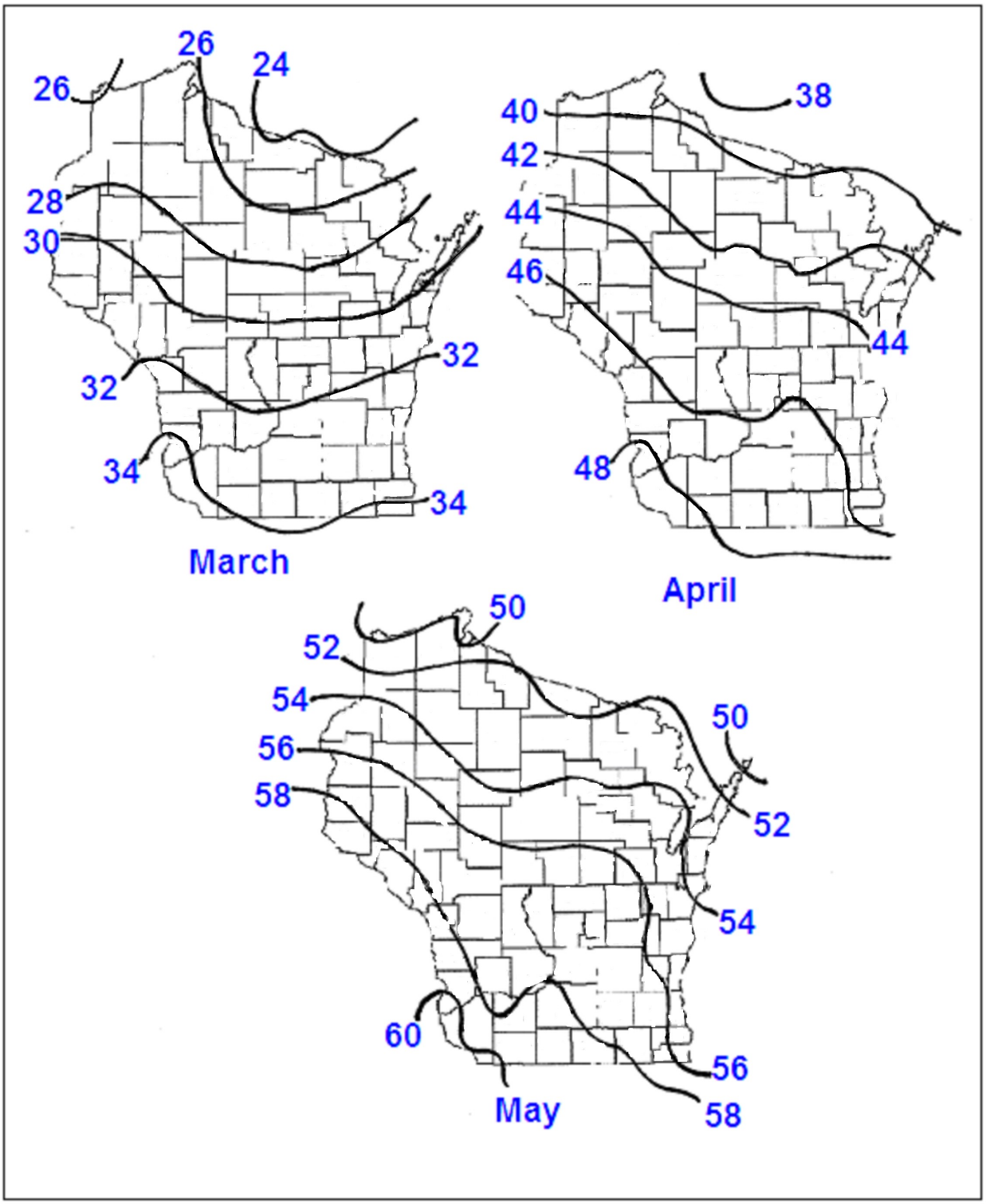
a) Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-3 – Mean Wisconsin Winter Month Temperatures[a]



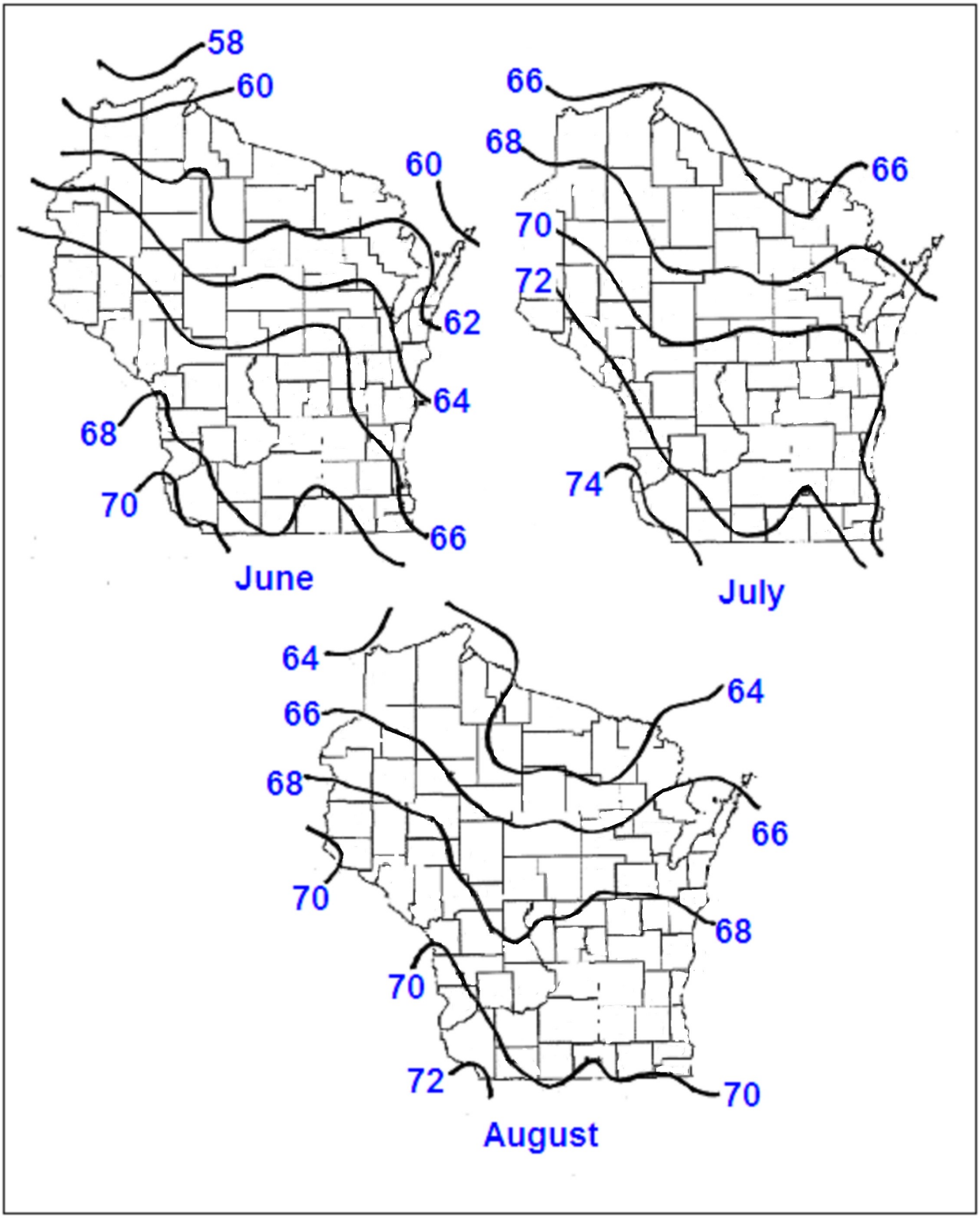
a) Dry bulb temperatures in °F. Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-4 – Mean Wisconsin Spring Month Temperatures[a]



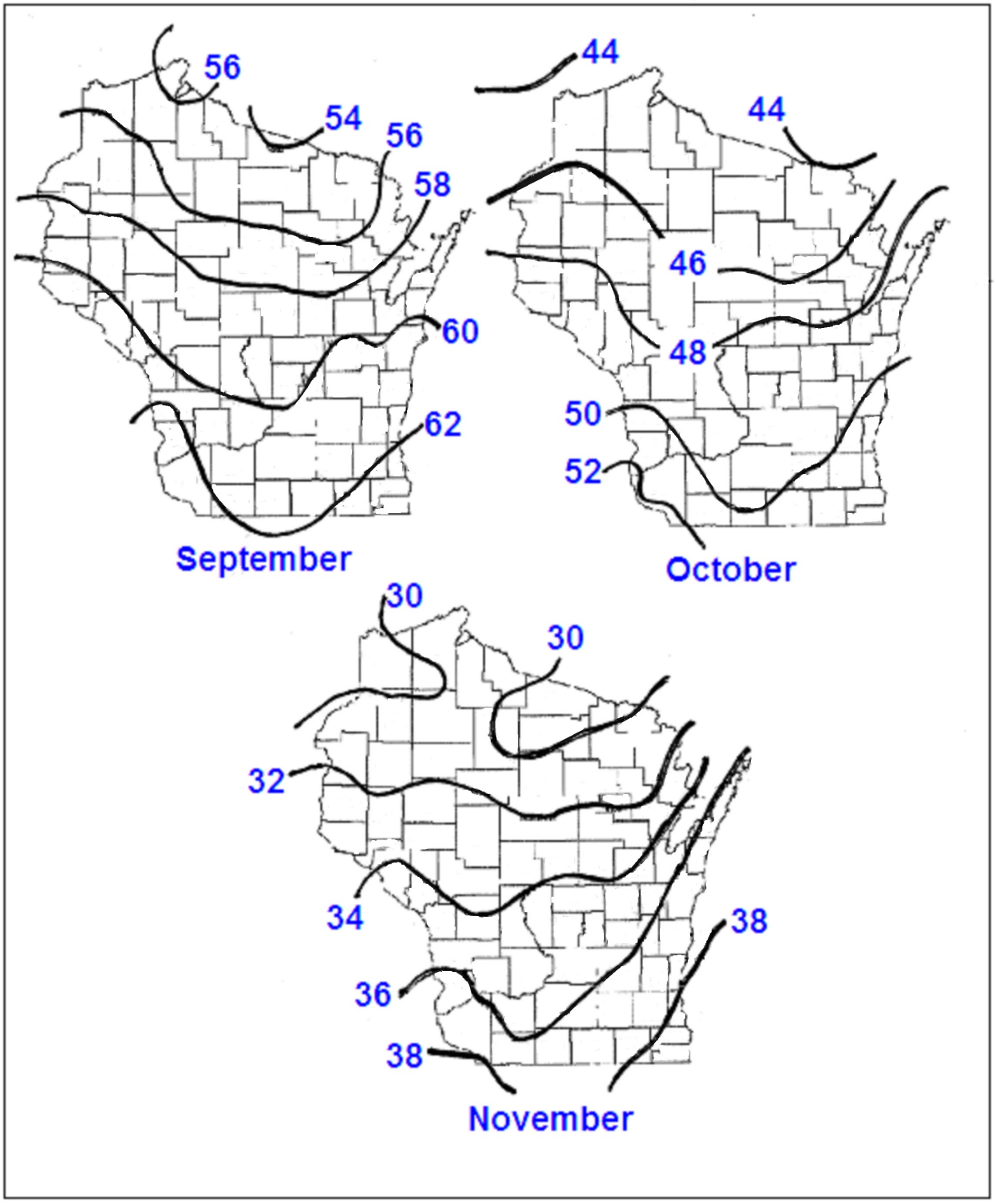
a) Dry bulb temperatures in °F. Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-5 – Mean Wisconsin Summer Month Temperatures[a]



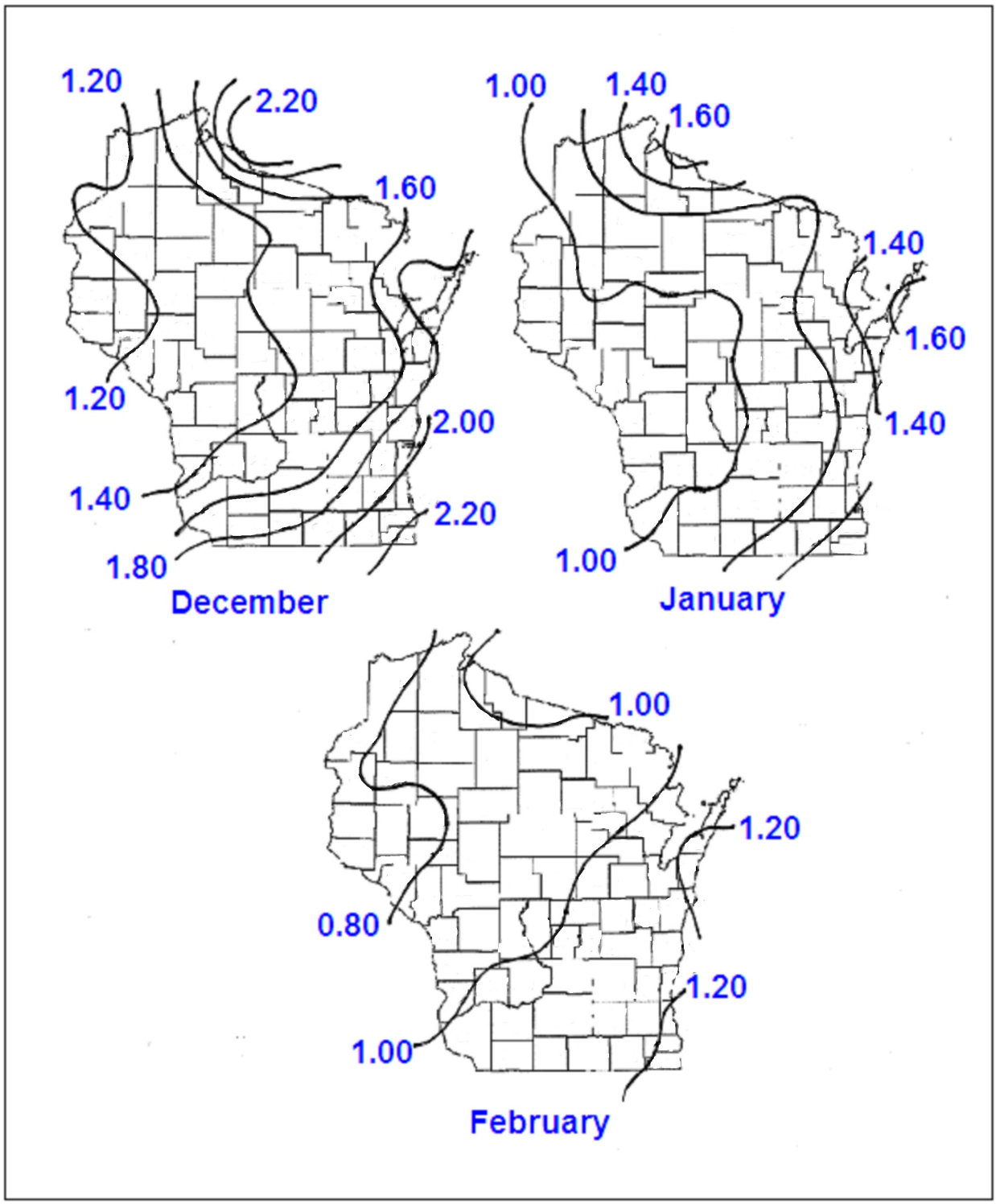
a) Dry bulb temperatures in °F. Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-6 – Mean Wisconsin Autumn Month Temperatures[a]



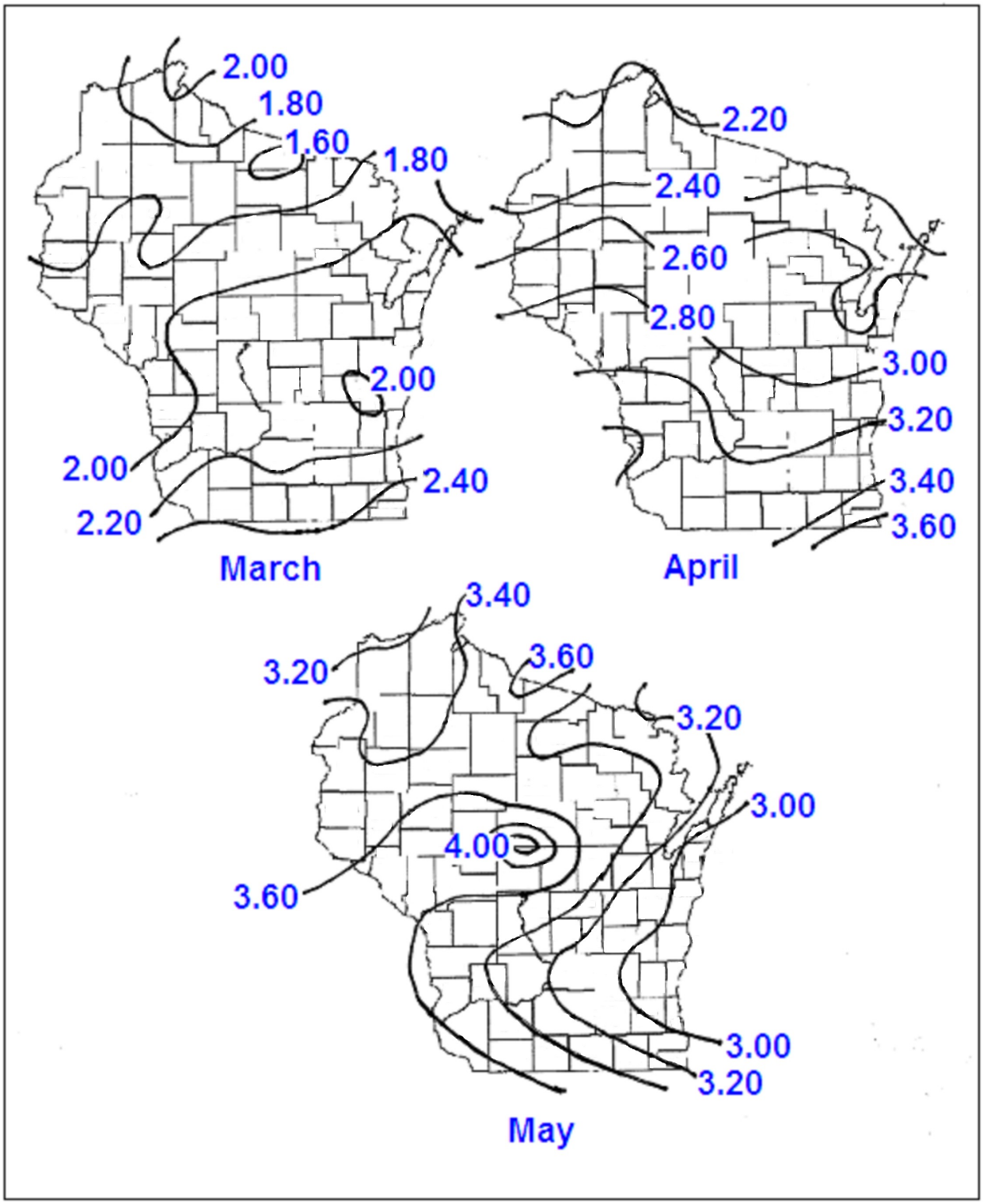
a) Dry bulb temperatures in °F. Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-7 – Mean Wisconsin Winter Month Precipitation[a]



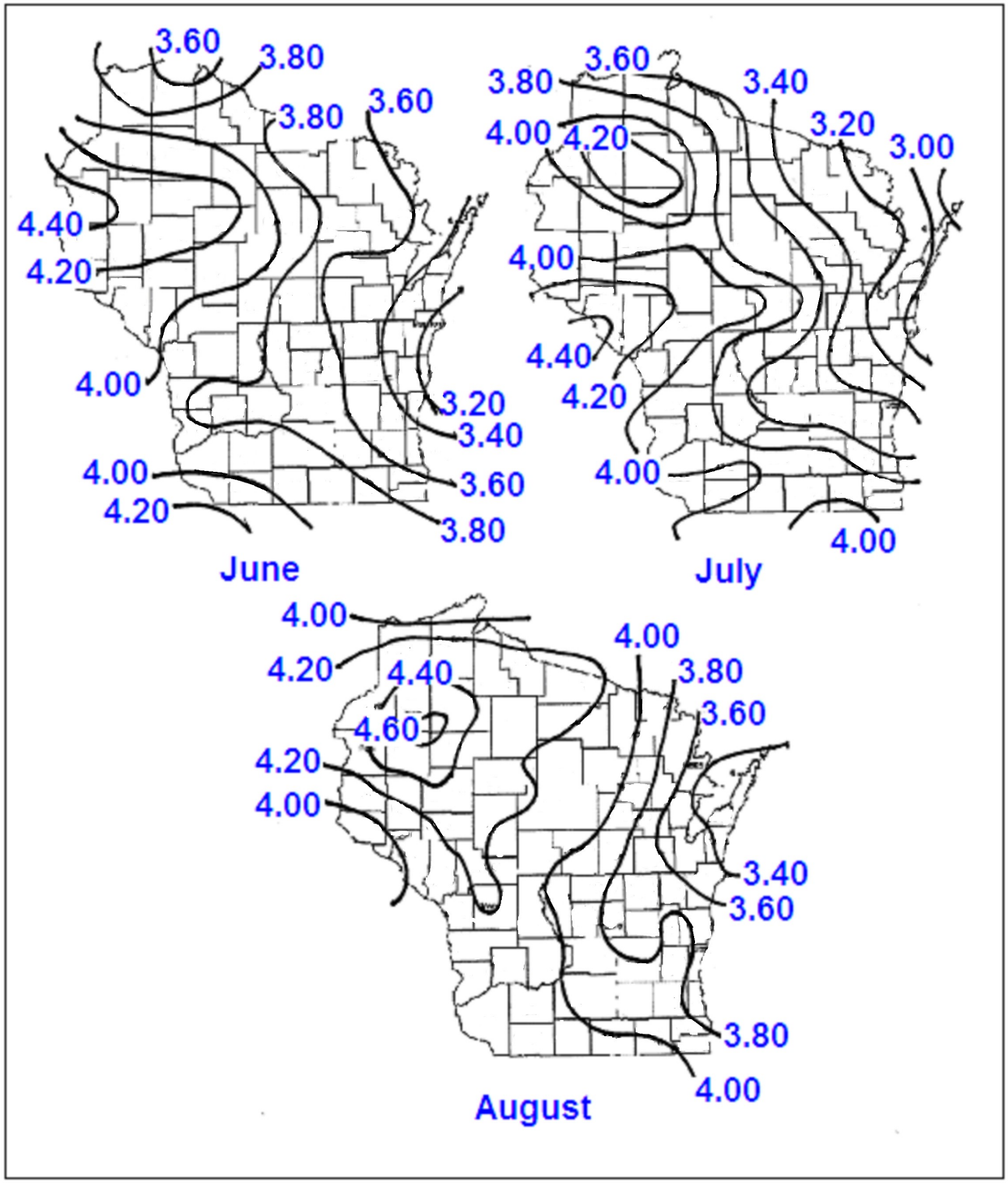
a) Water-equivalent precipitation in inches. Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-8 – Mean Wisconsin Spring Month Precipitation[a]



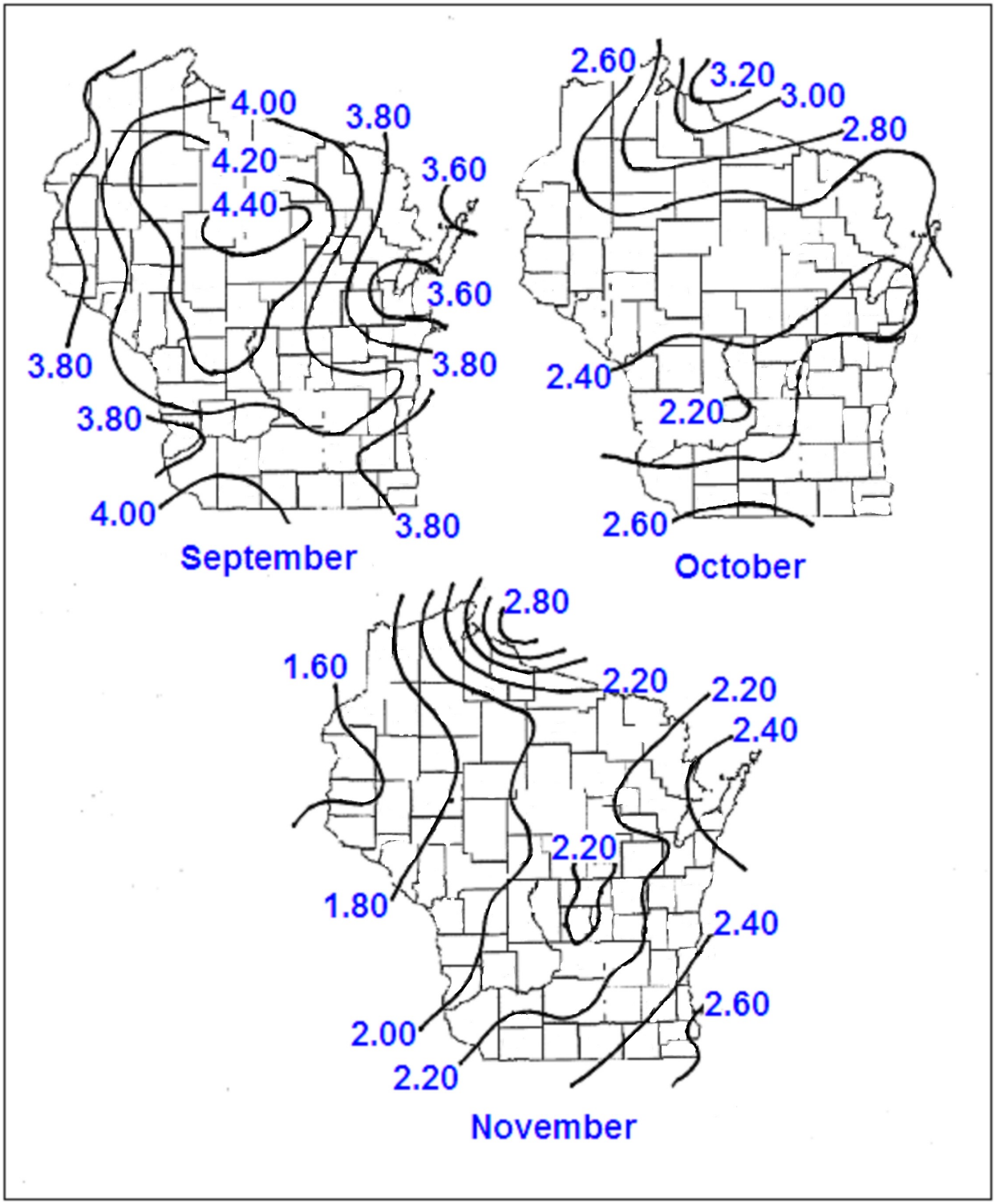
a) Water-equivalent precipitation in inches. Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-9 – Mean Wisconsin Summer Month Precipitation[a]



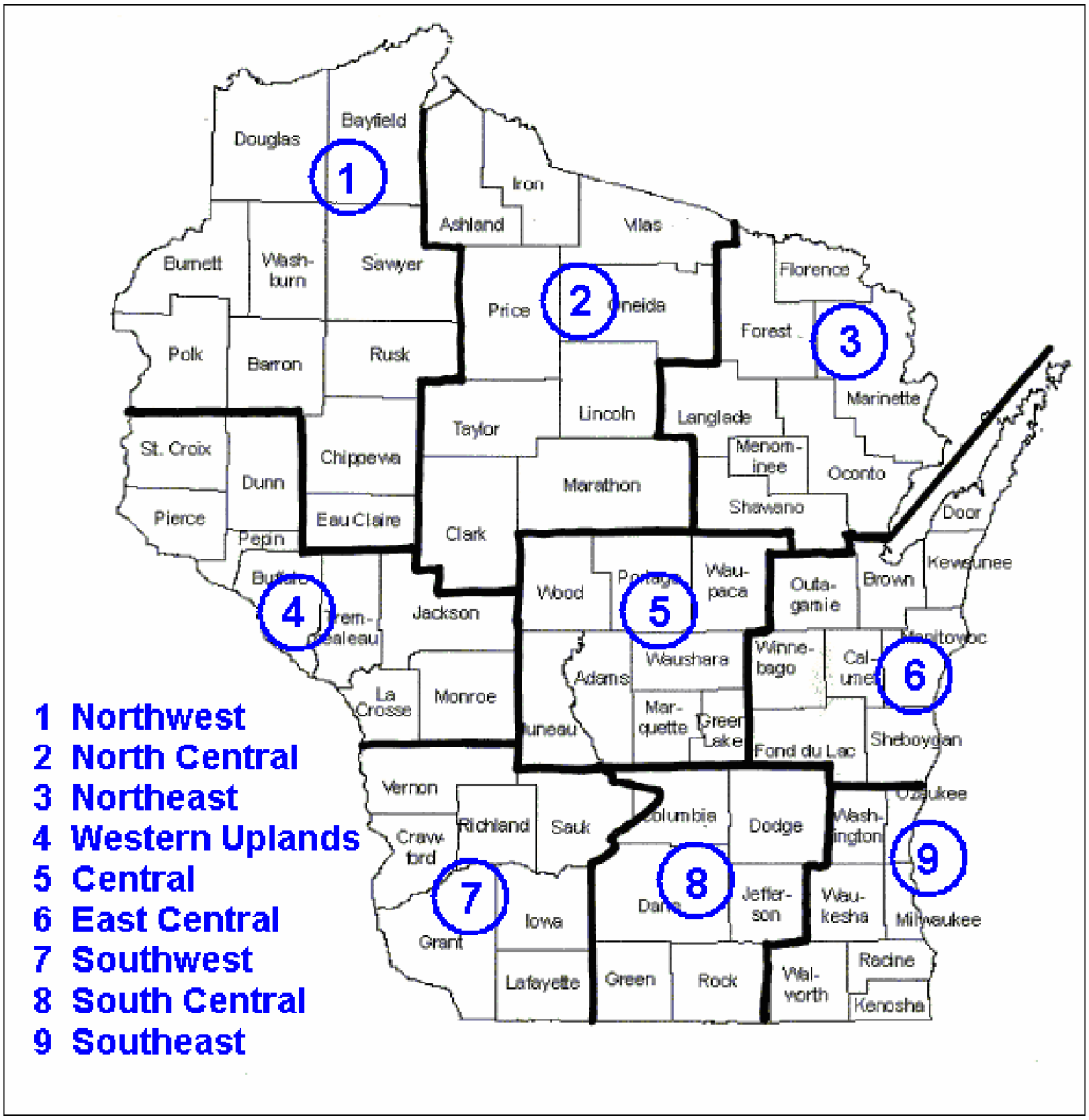
a) Water-equivalent precipitation in inches. Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-10 – Mean Wisconsin Autumn Month Precipitation[a]



a) Water-equivalent precipitation in inches. Based on Moran, J. M. and E. J. Hopkins, 2002.

Figure 19.3.2-11 – NOAA COOP Network Climate Divisions of Wisconsin[a]



a) Based on NCDC, 2011f.

Figure 19.3.2-12 – Outline of Climate Region Representative of the Site

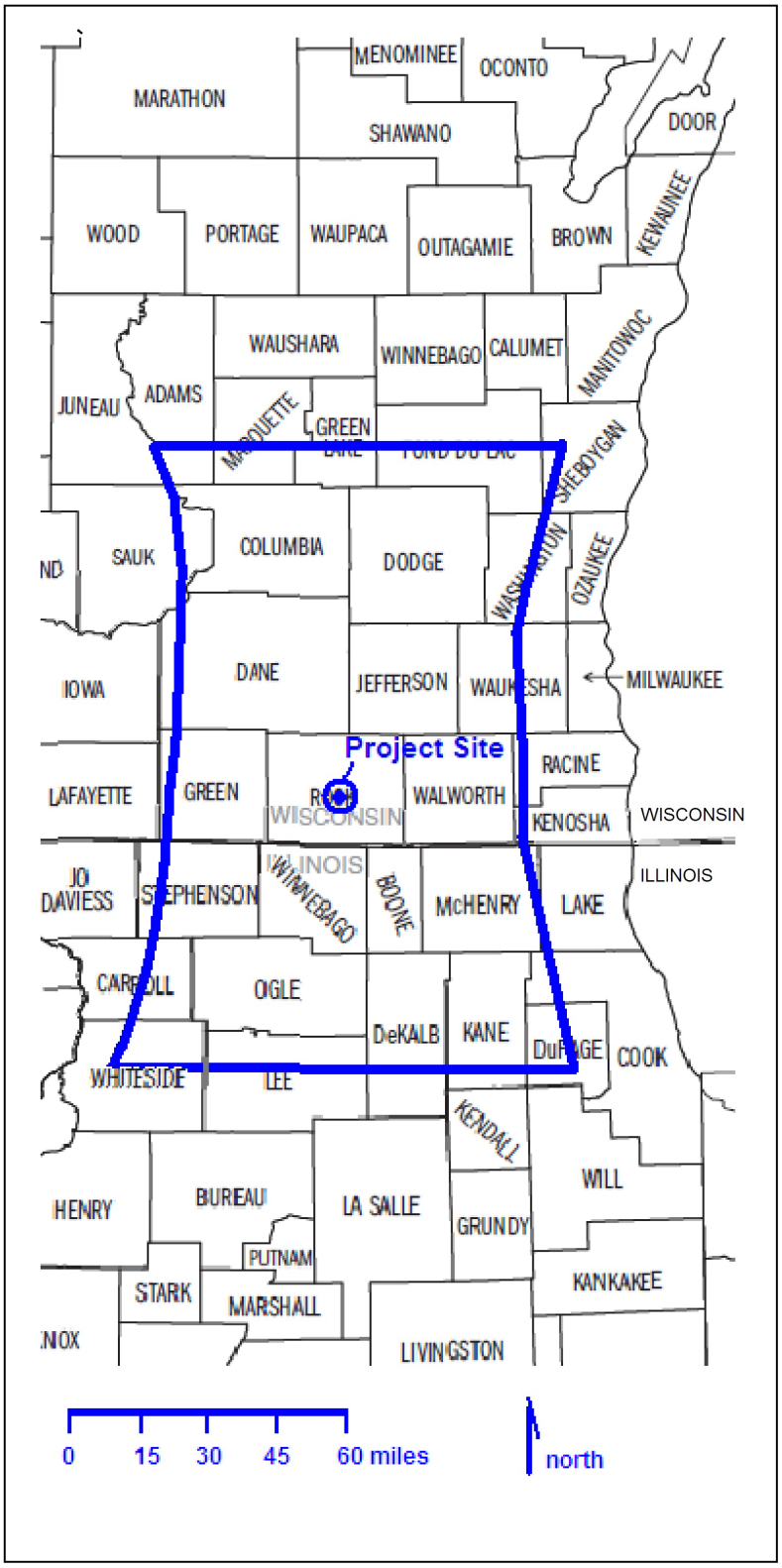
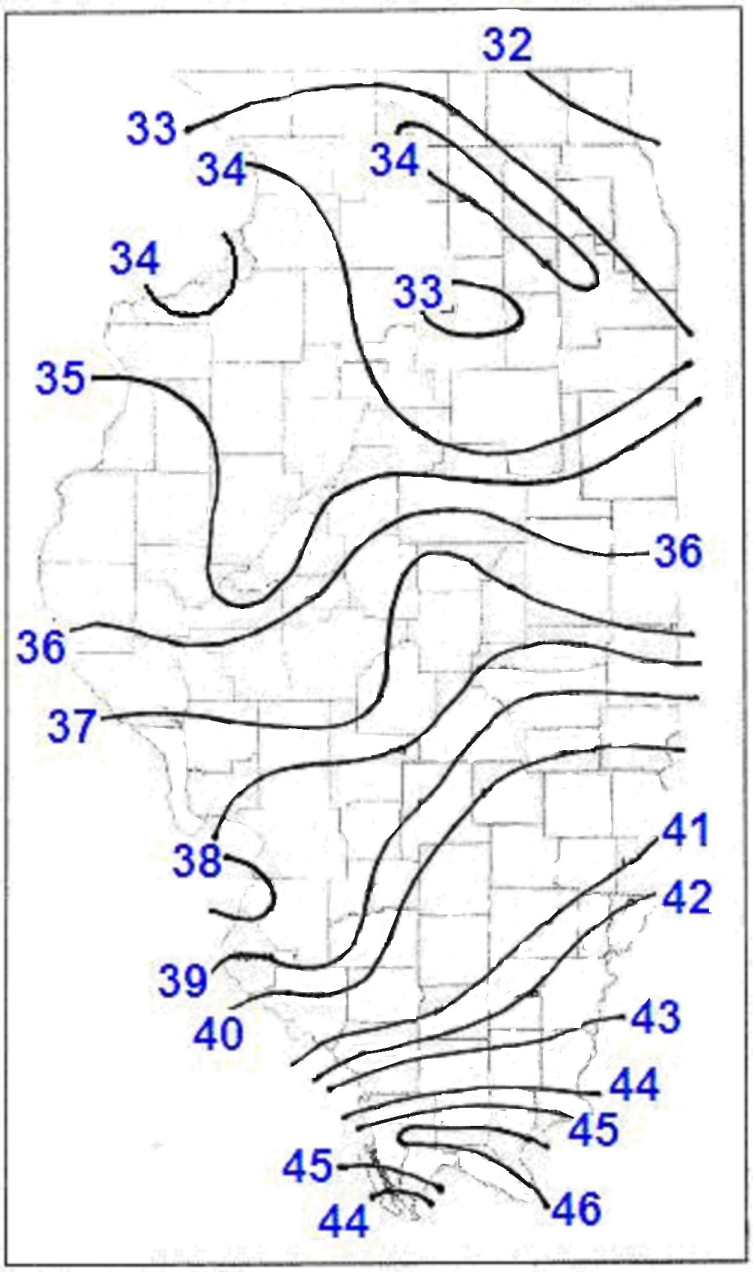
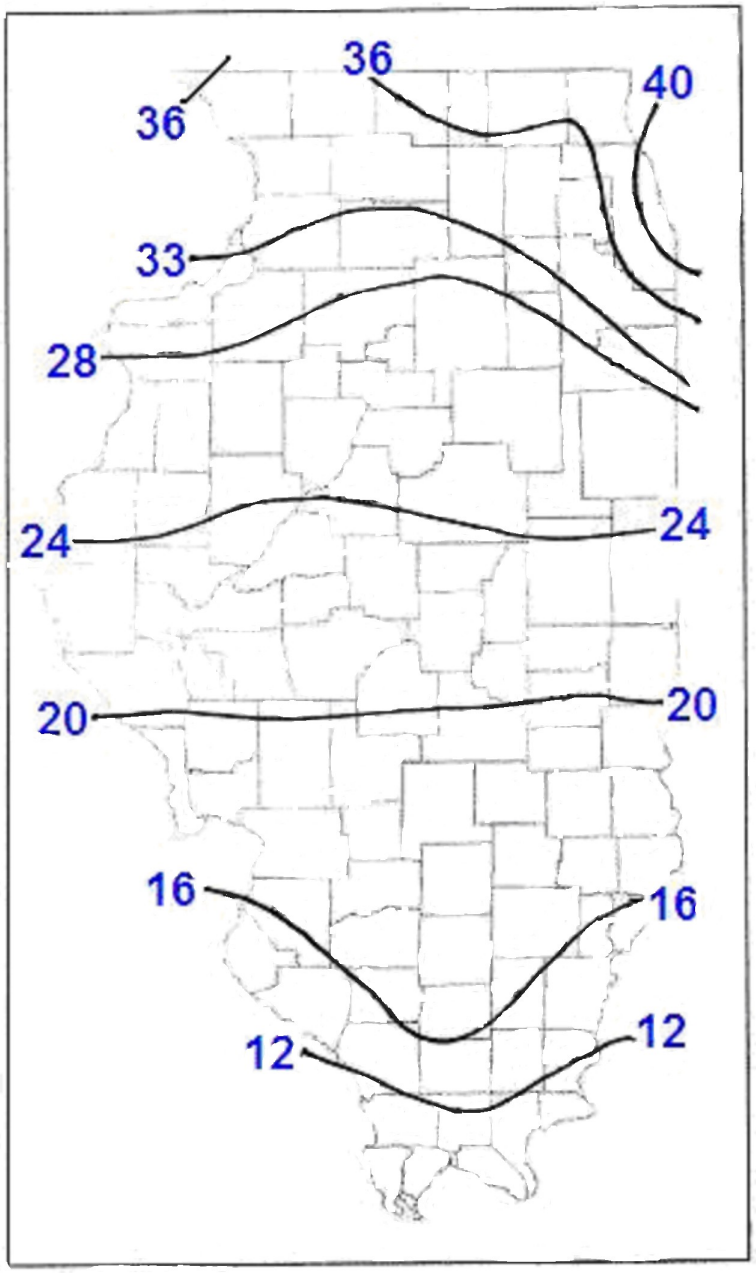


Figure 19.3.2-13 – Illinois Annual Mean Water Equivalent Precipitation[a]



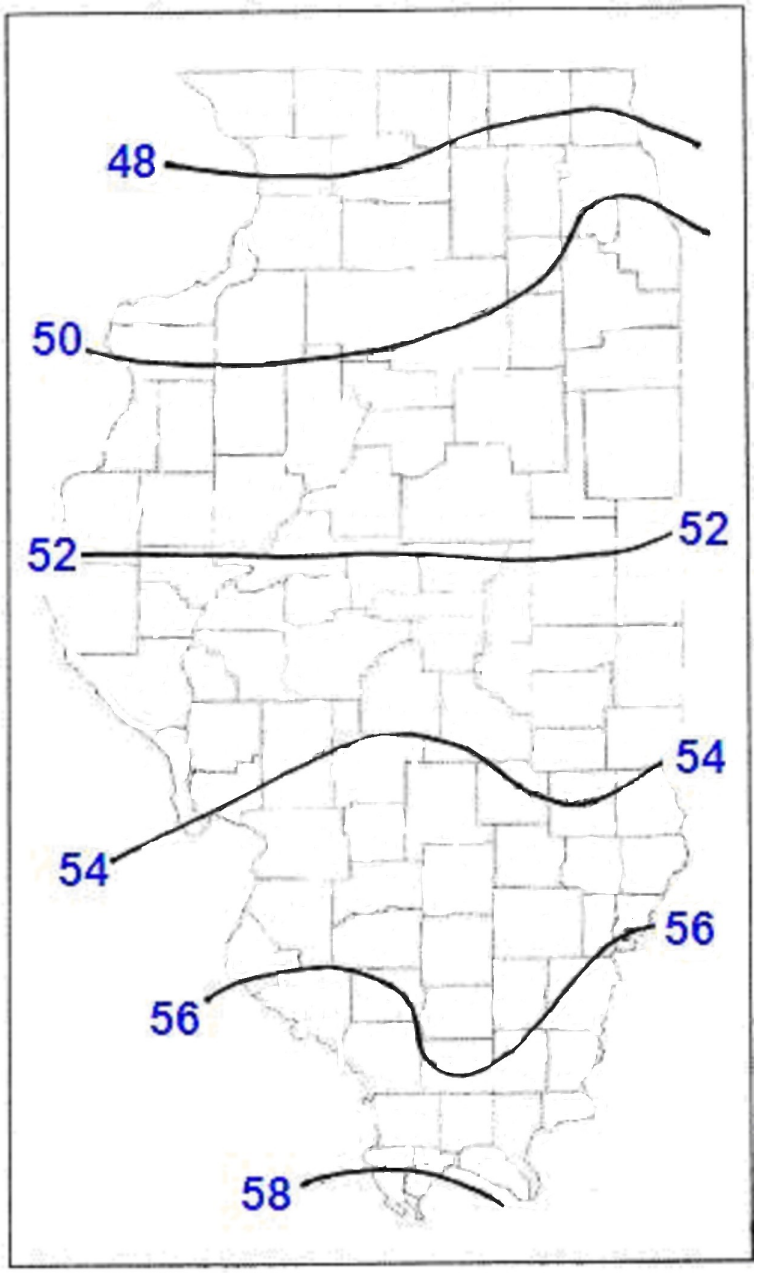
a) Precipitation in inches.
b) Based on Changnon et al., 2004; NCDC, 2011e; NCDC, 2011f.

Figure 19.3.2-14 – Illinois Annual Mean Snowfall[(a)]



a) Snowfall in inches.
b) Based on Changnon et al., 2004; NCDC, 2011e; NCDC, 2011f.

Figure 19.3.2-15 – Illinois Annual Mean Dry Bulb Temperatures[a]



a) Dry bulb temperatures in °F.
b) Based on Changnon et al., 2004; NCDC, 2011e; NCDC, 2011f.

Figure 19.3.2-16 – NOAA ASOS Stations Located within the Site Climate Region

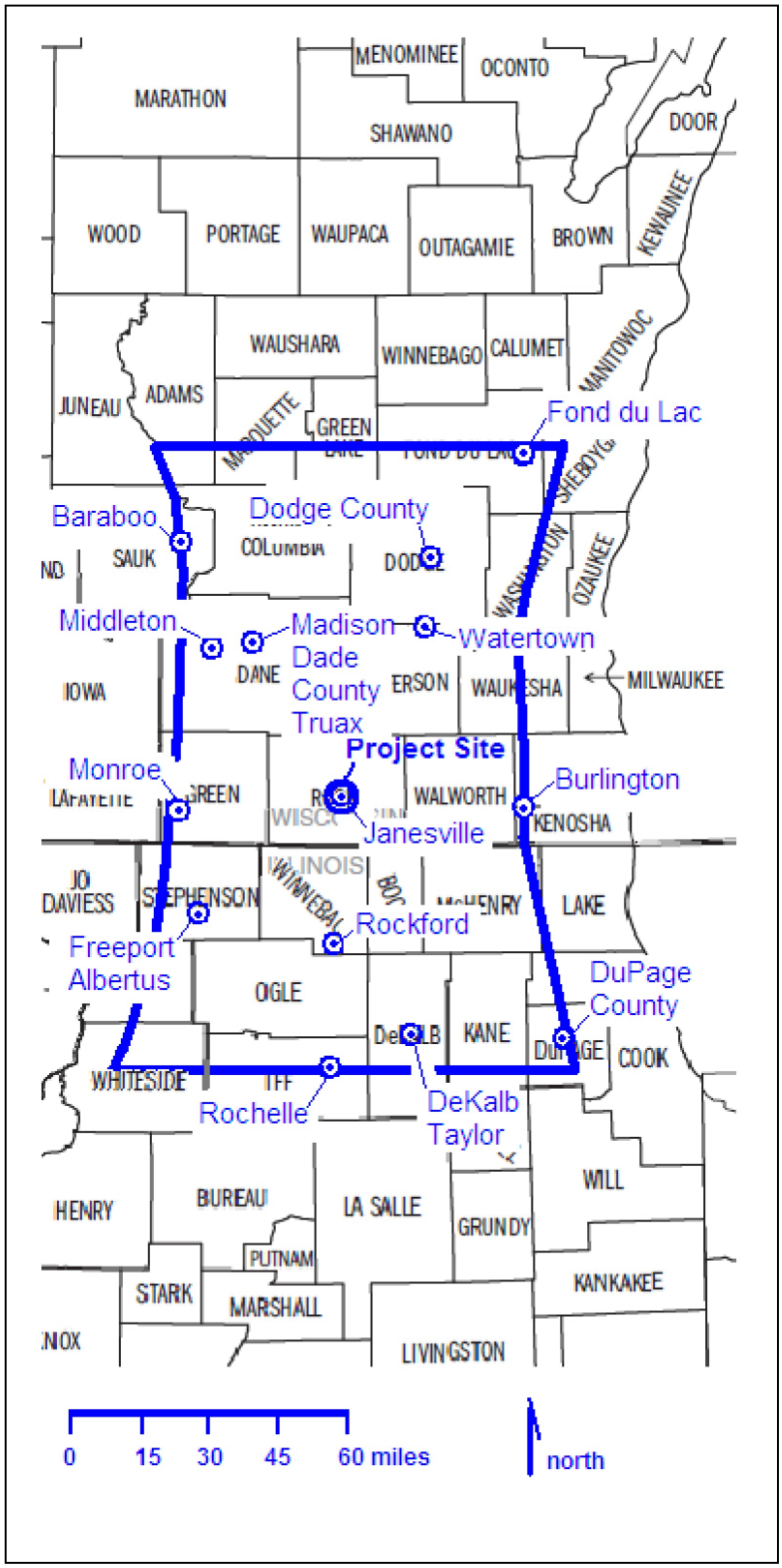


Figure 19.3.2-17 – NOAA COOP Stations Located within the Site Climate Region

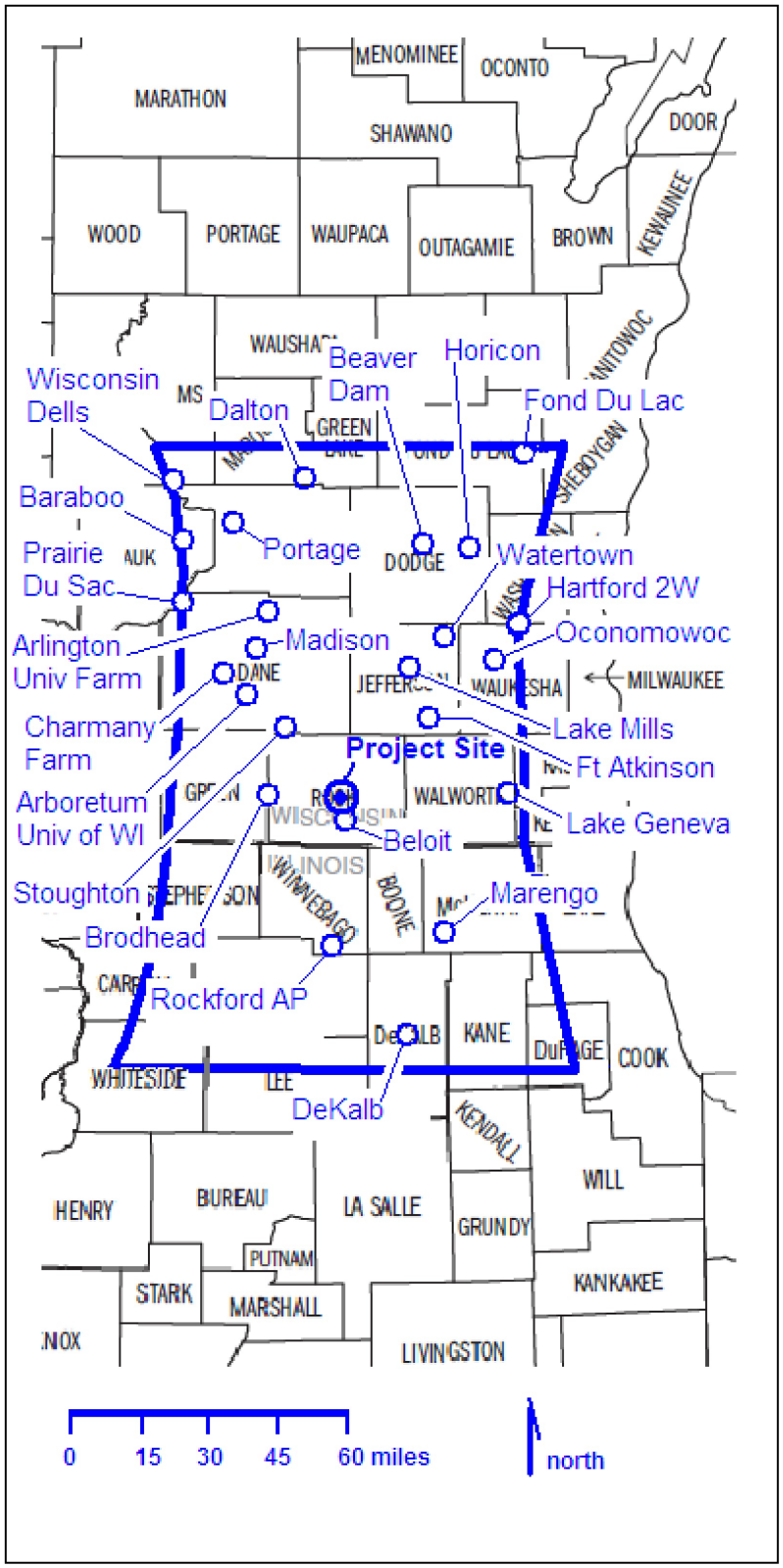


Figure 19.3.2-18 – Wisconsin and Illinois Counties within Site Climate Region Selected for Investigation of Severe Weather Phenomena

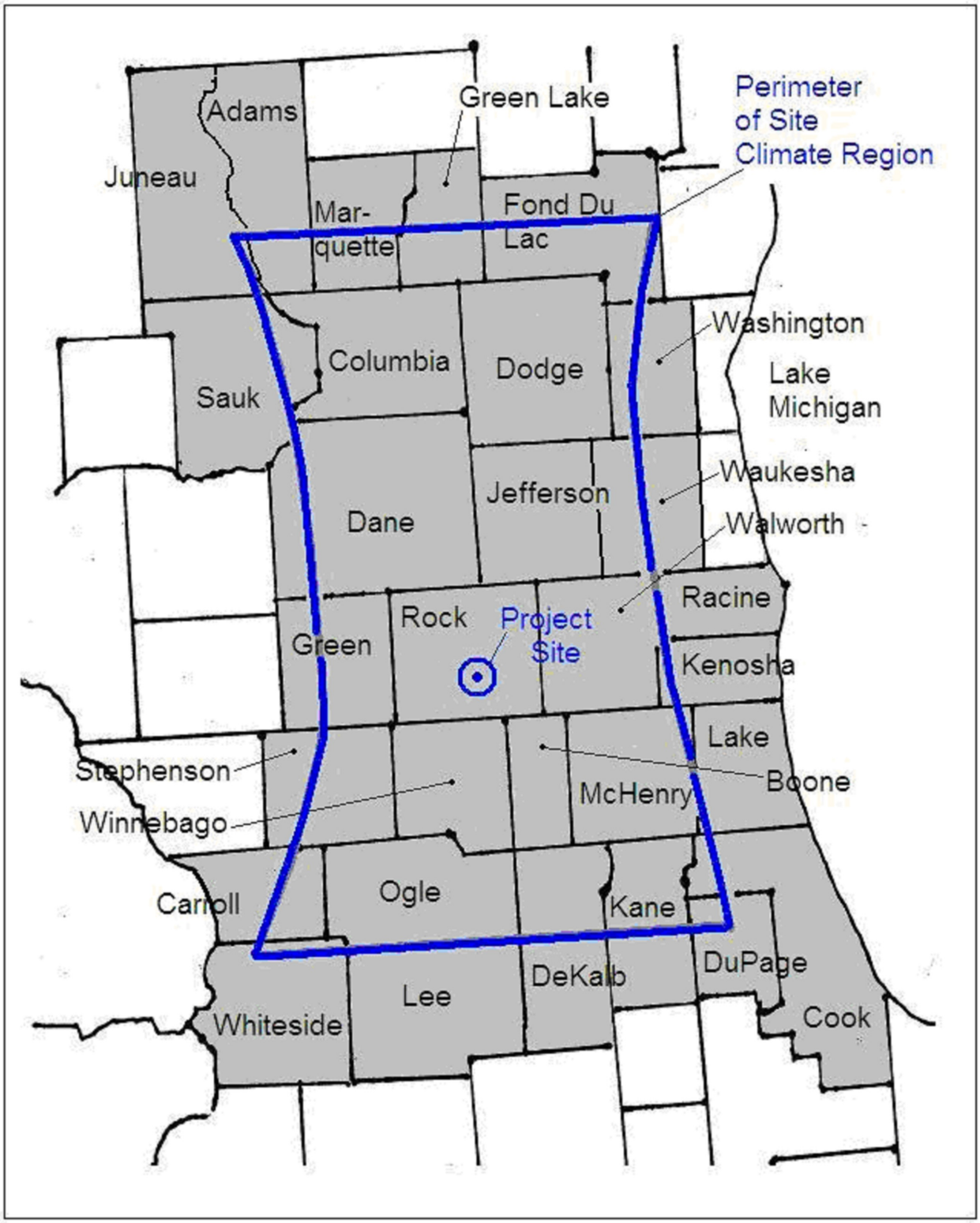


Figure 19.3.2-19 – Annual Wind Rose Southern Wisconsin Regional Airport (2005-2010)

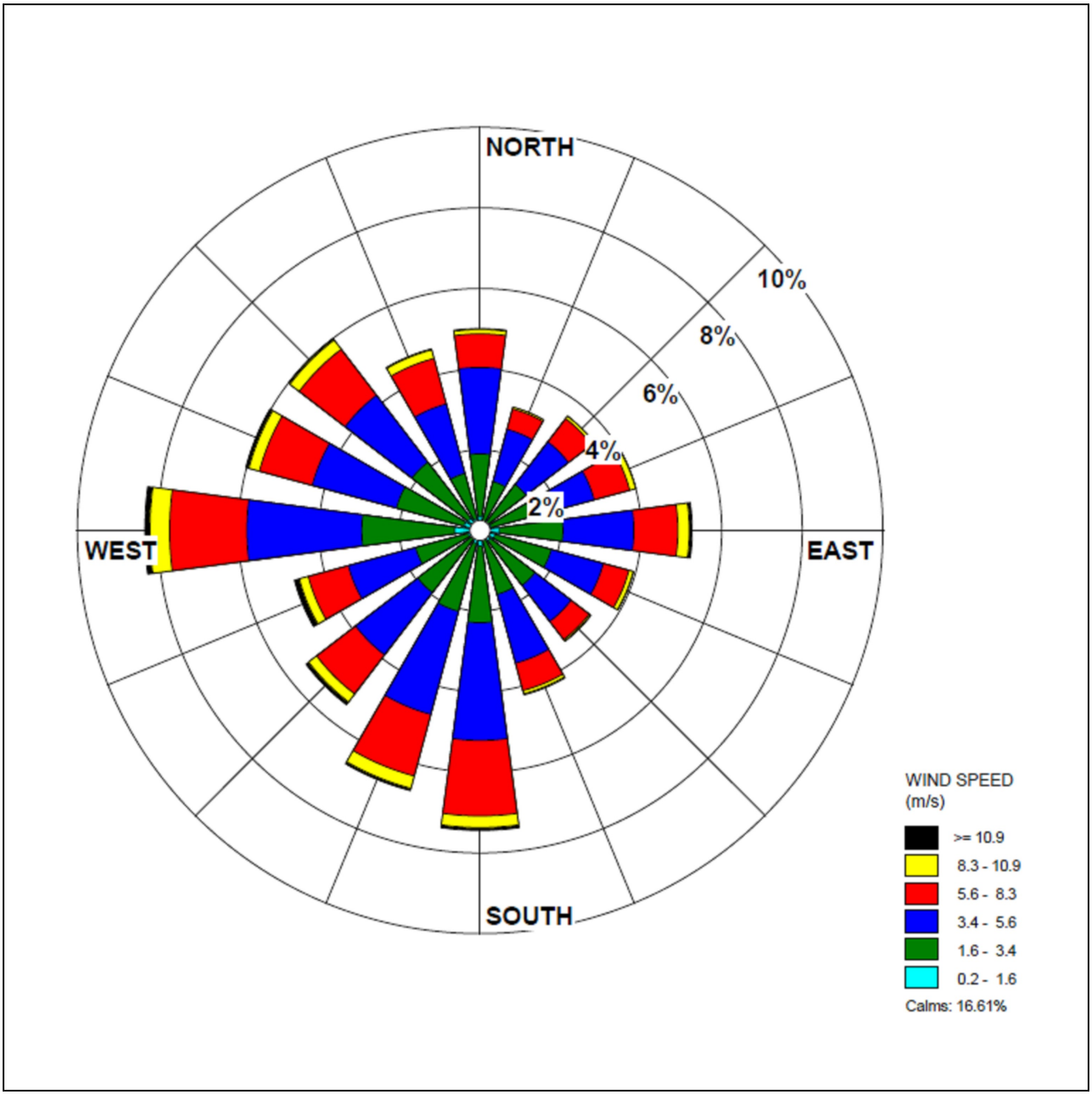


Figure 19.3.2-20 – January Wind Rose Southern Wisconsin Regional Airport (2005-2010)

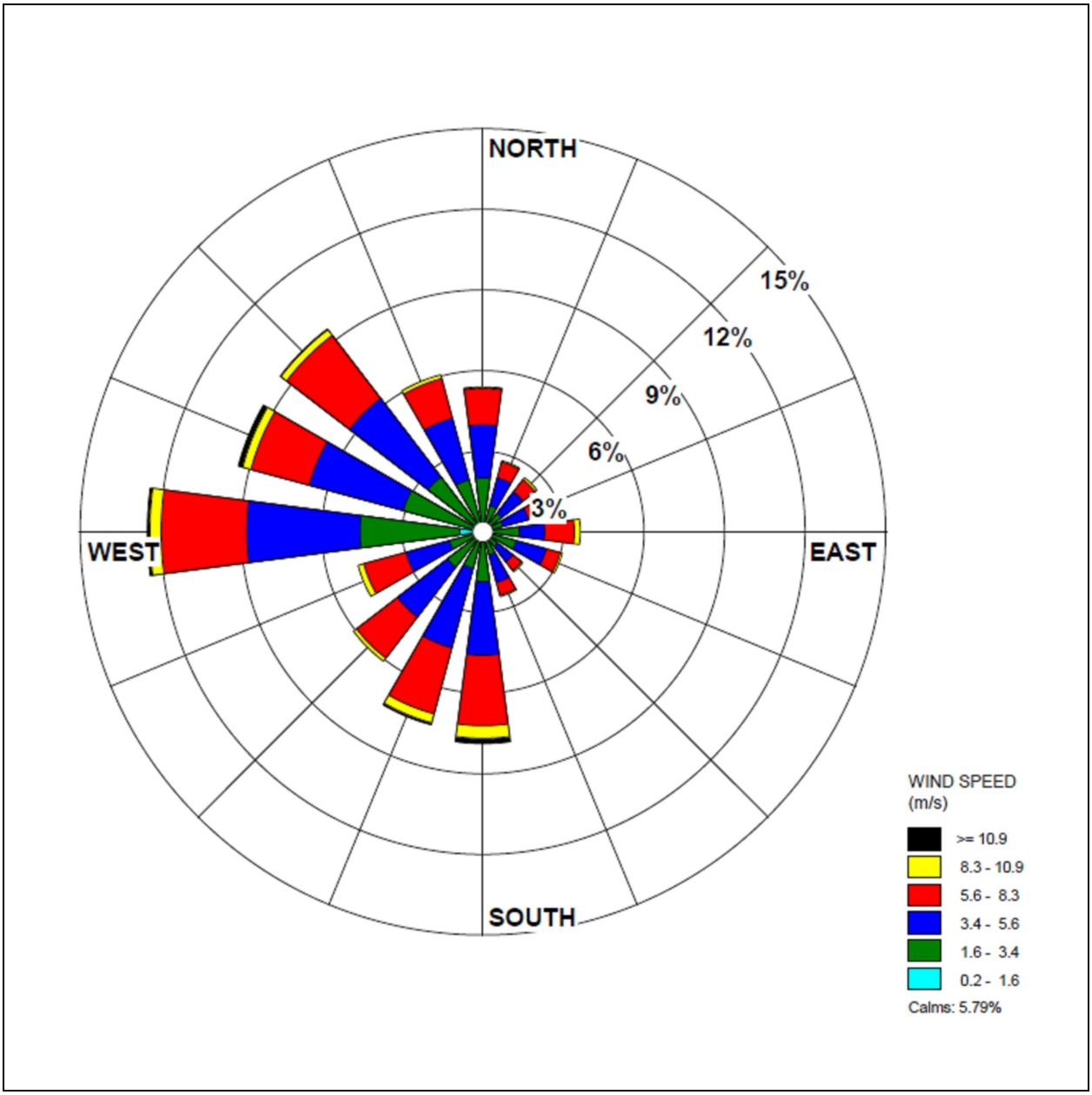


Figure 19.3.2-21 – February Wind Rose Southern Wisconsin Regional Airport (2005-2010)

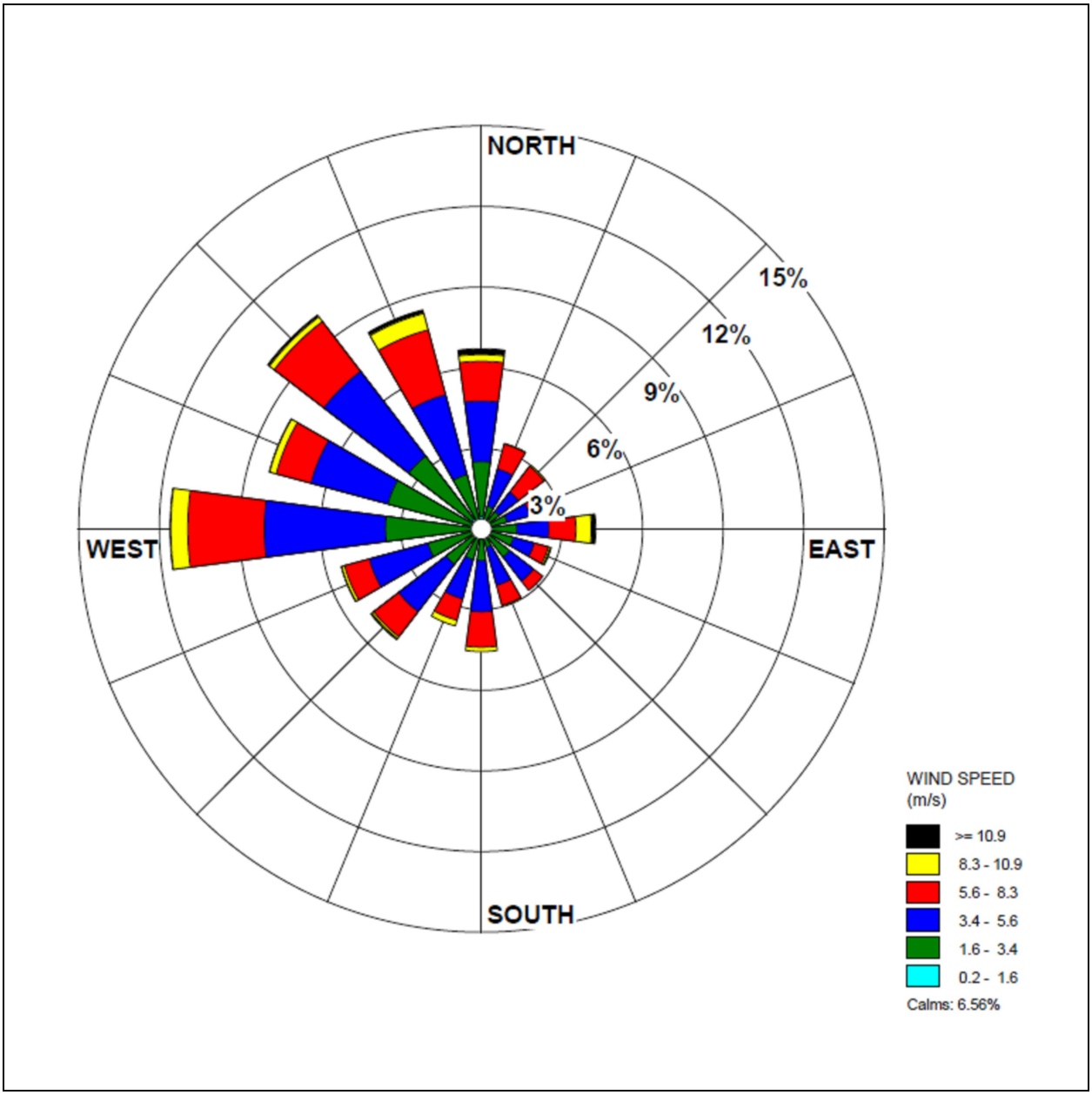


Figure 19.3.2-22 – March Wind Rose Southern Wisconsin Regional Airport (2005-2010)

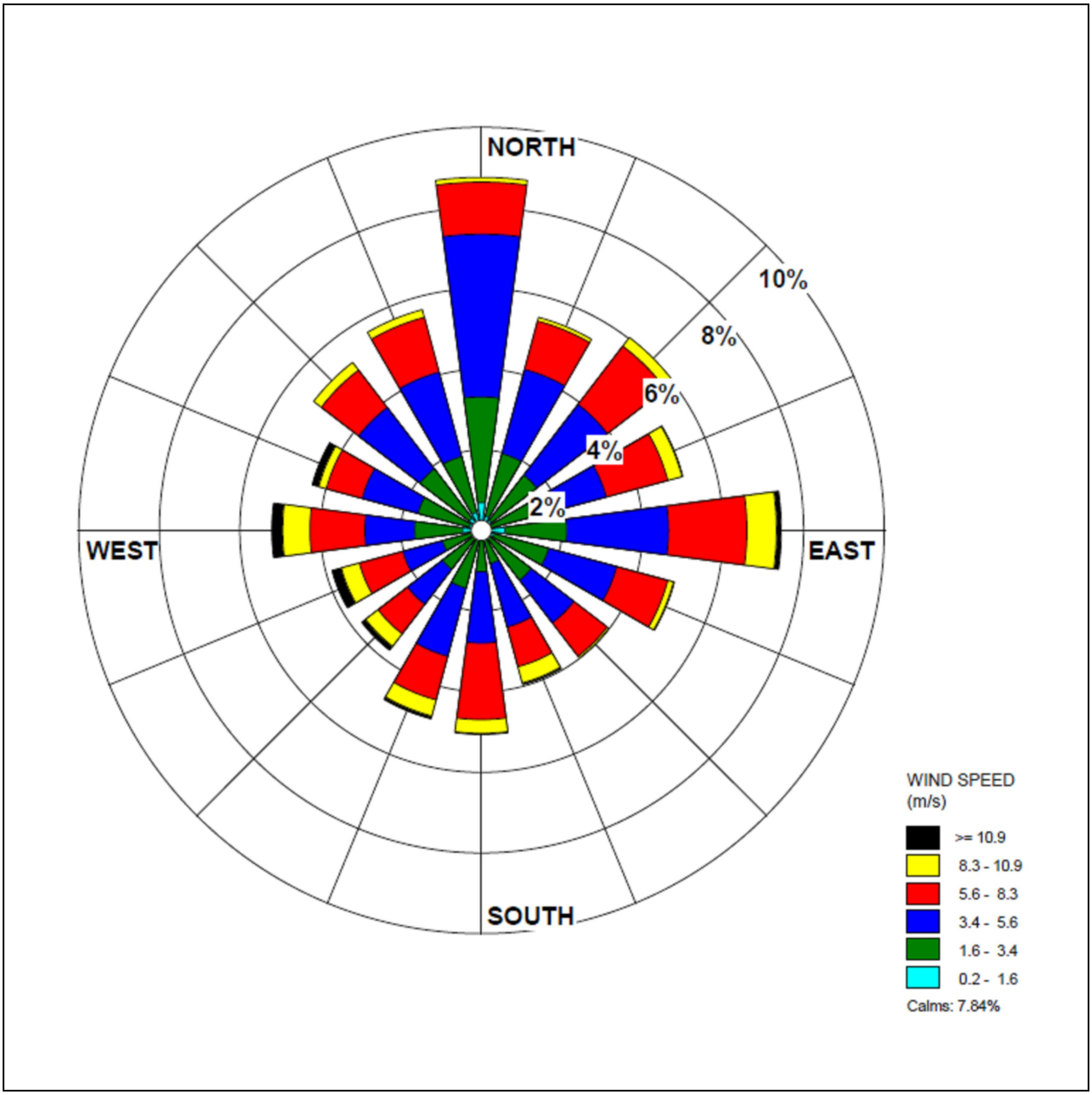


Figure 19.3.2-23 – April Wind Rose Southern Wisconsin Regional Airport (2005-2010)

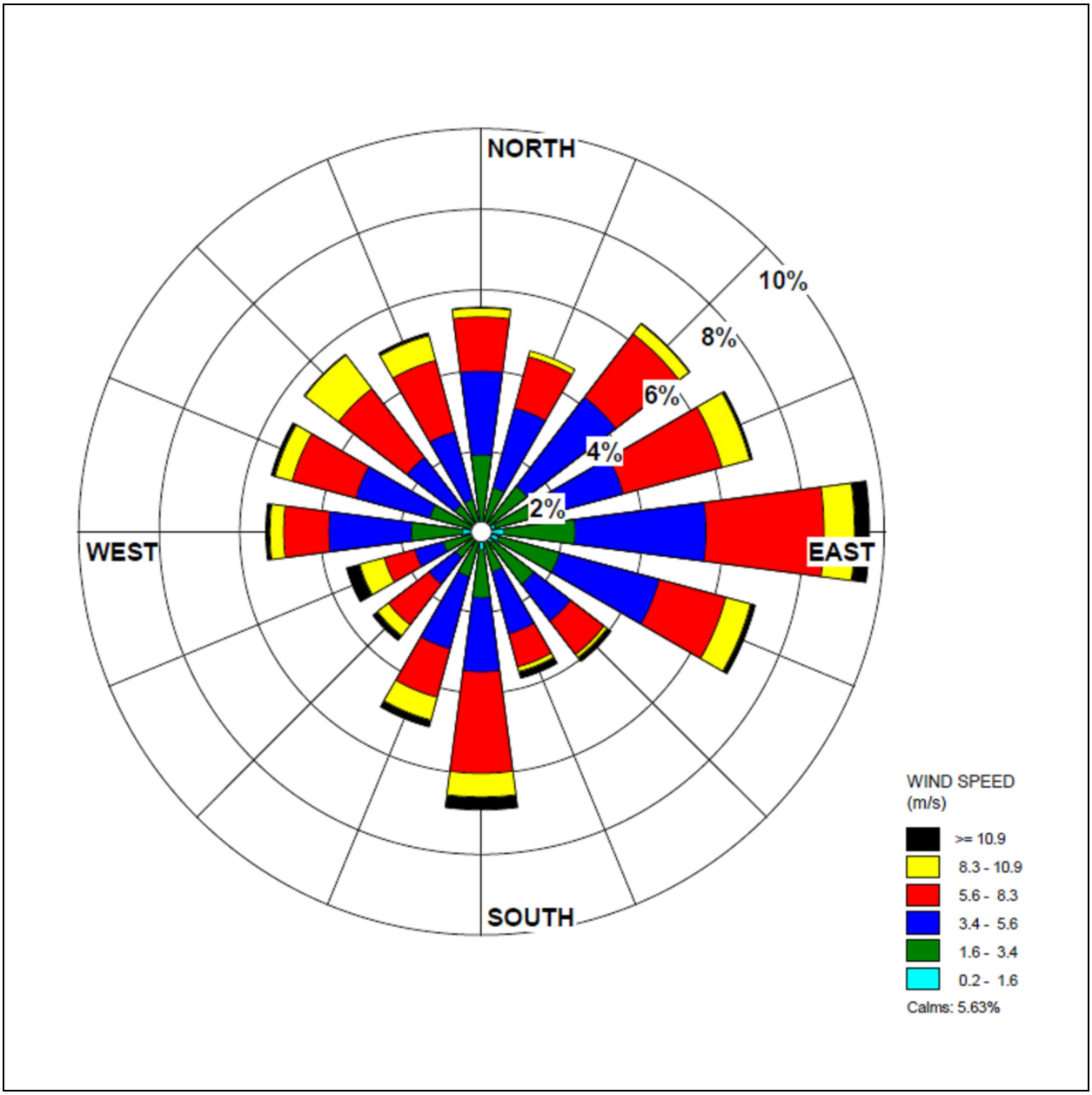


Figure 19.3.2-24 – May Wind Rose Southern Wisconsin Regional Airport (2005-2010)

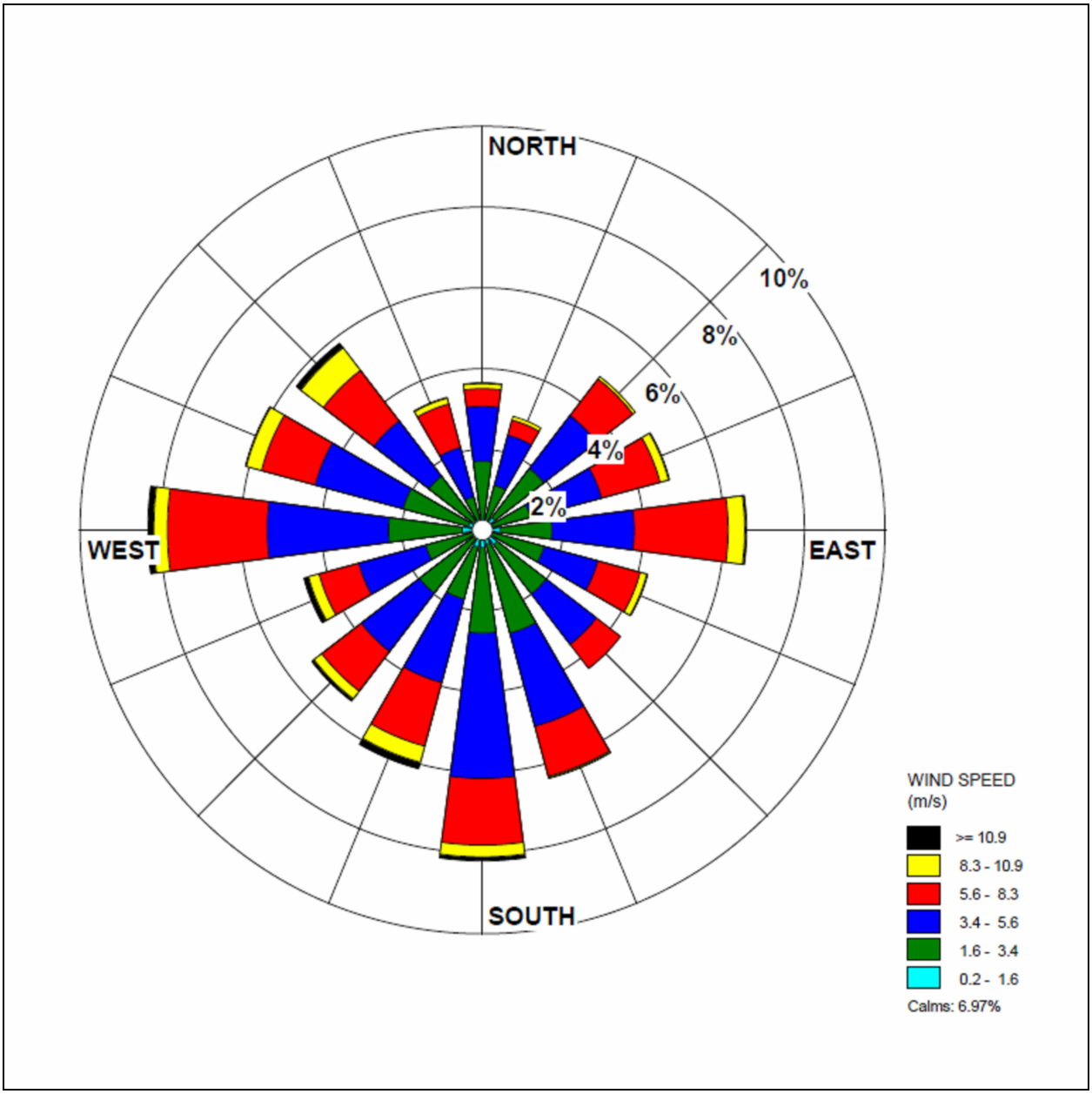


Figure 19.3.2-25 – June Wind Rose Southern Wisconsin Regional Airport (2005-2010)

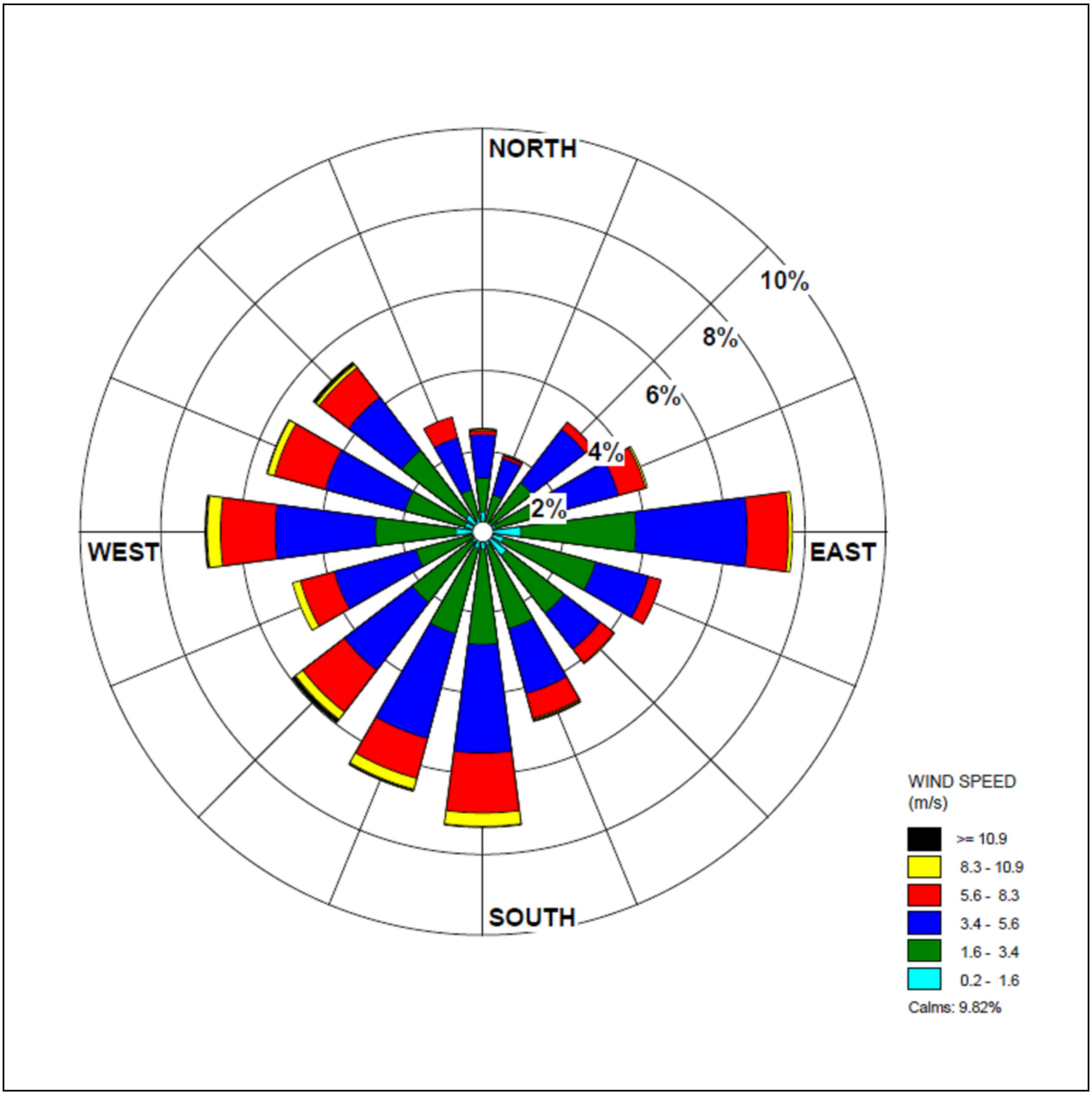


Figure 19.3.2-26 – July Wind Rose Southern Wisconsin Regional Airport (2005-2010)

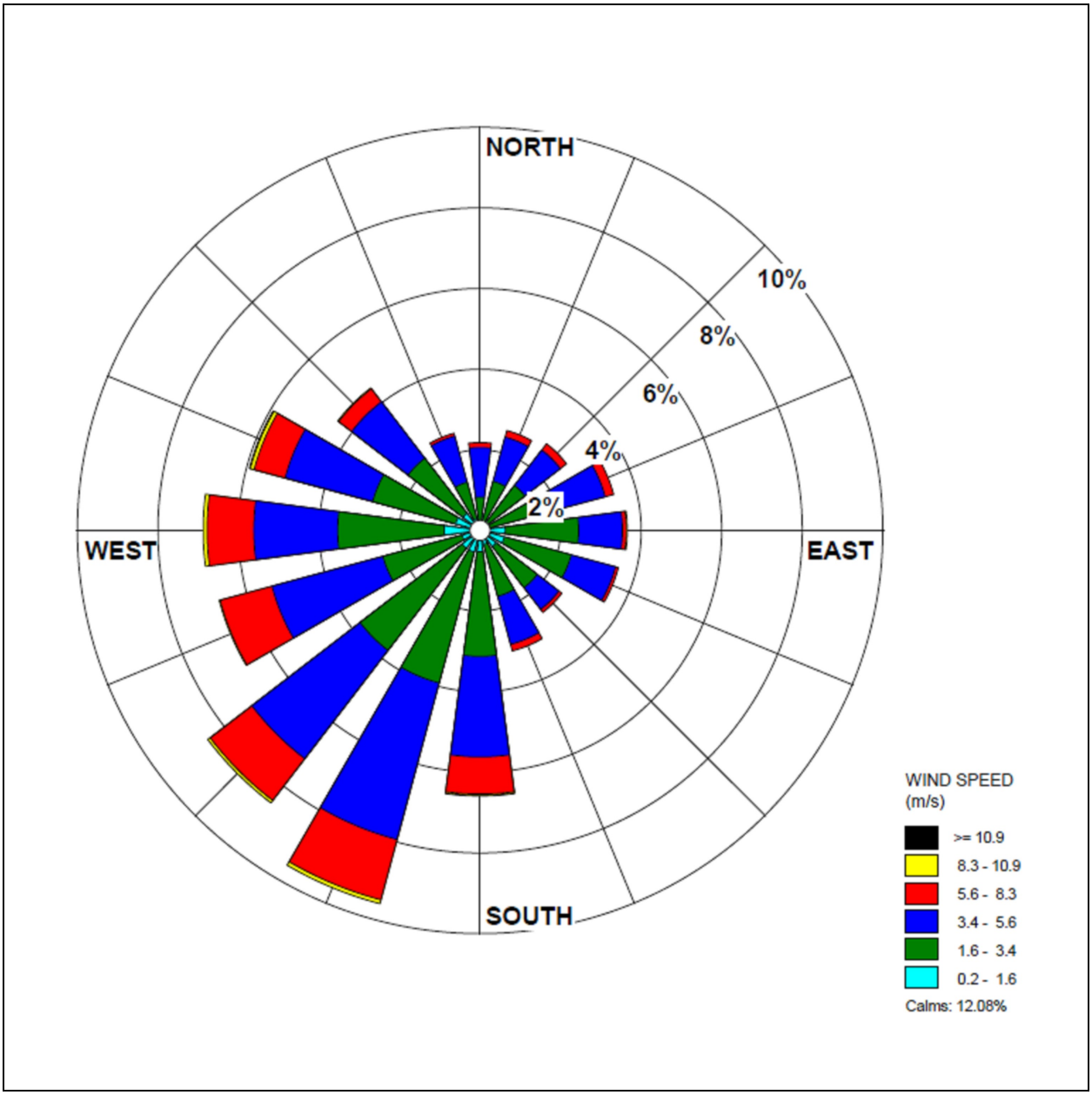


Figure 19.3.2-27 – August Wind Rose Southern Wisconsin Regional Airport (2005-2010)

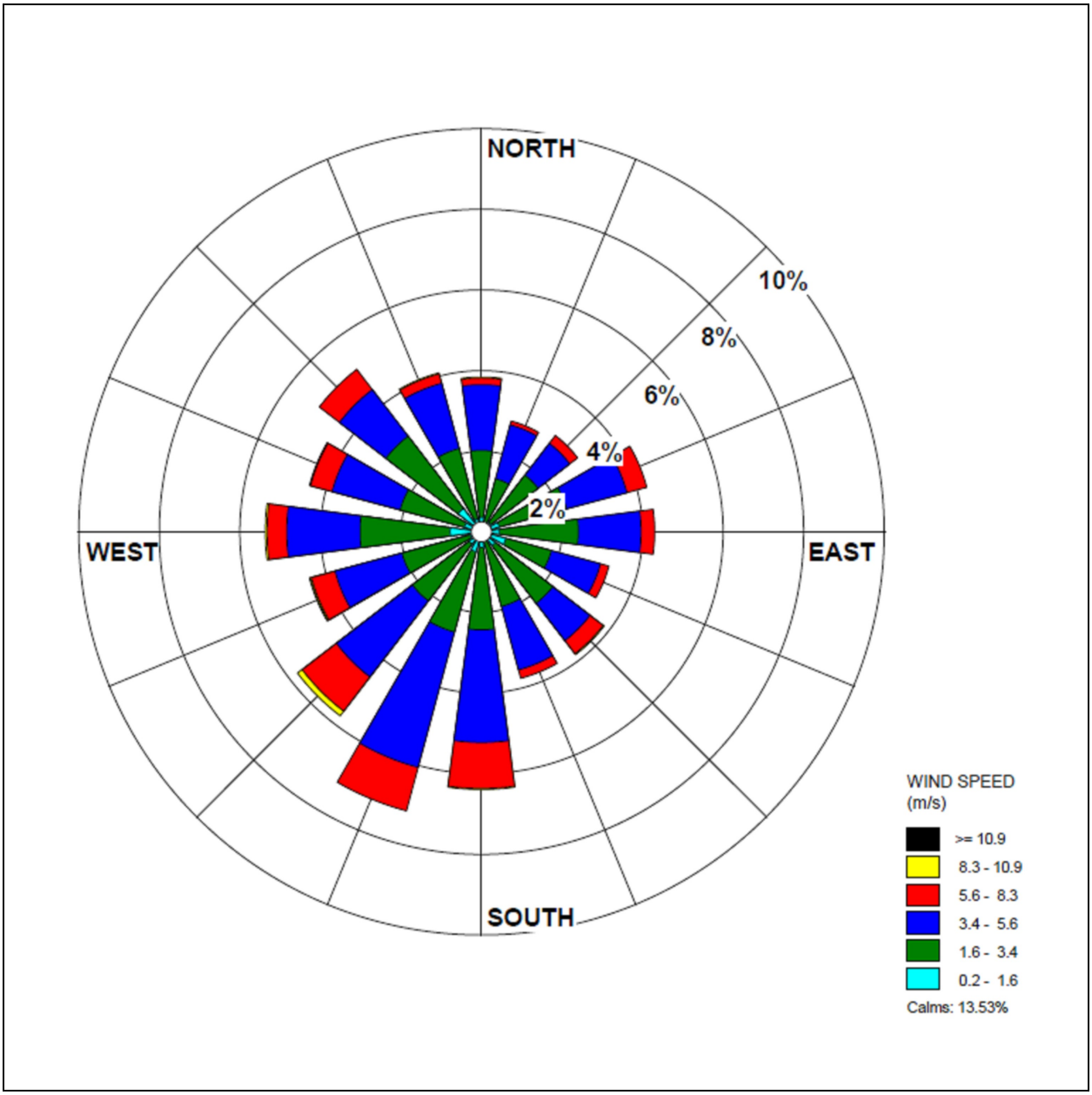


Figure 19.3.2-28 – September Wind Rose Southern Wisconsin Regional Airport (2005-2010)

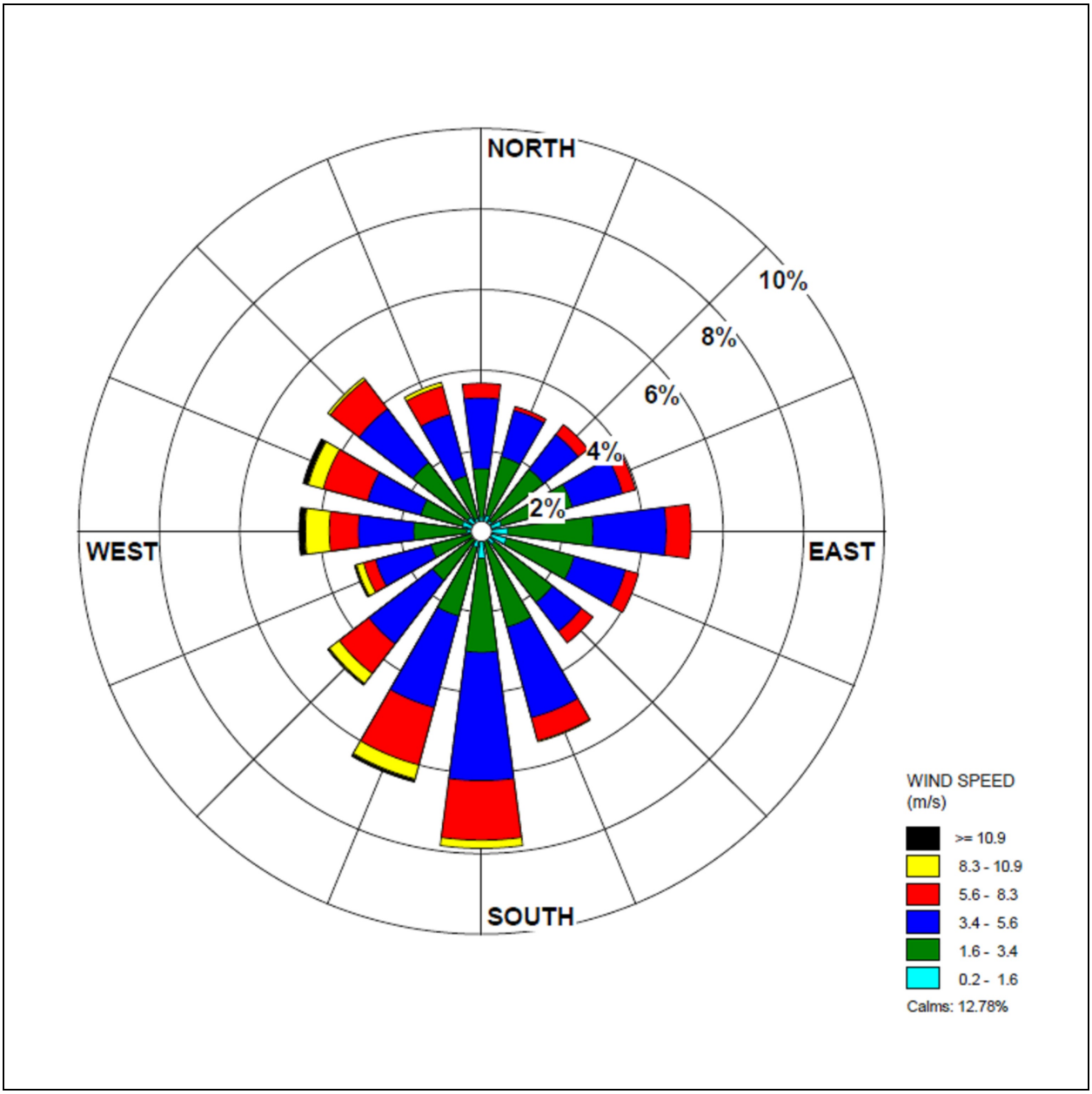


Figure 19.3.2-29 – October Wind Rose Southern Wisconsin Regional Airport (2005-2010)

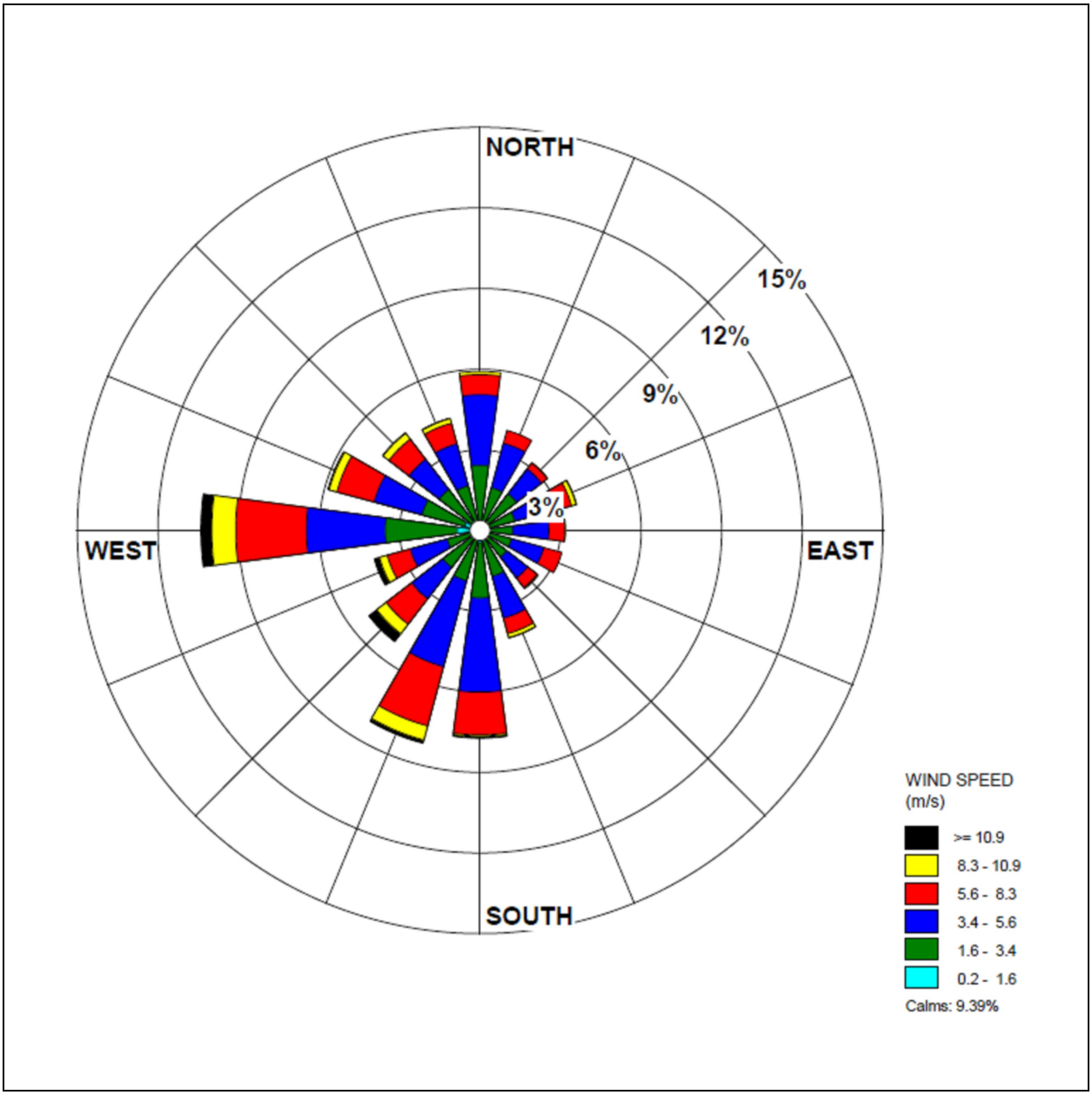


Figure 19.3.2-30 – November Wind Rose Southern Wisconsin Regional Airport (2005-2010)

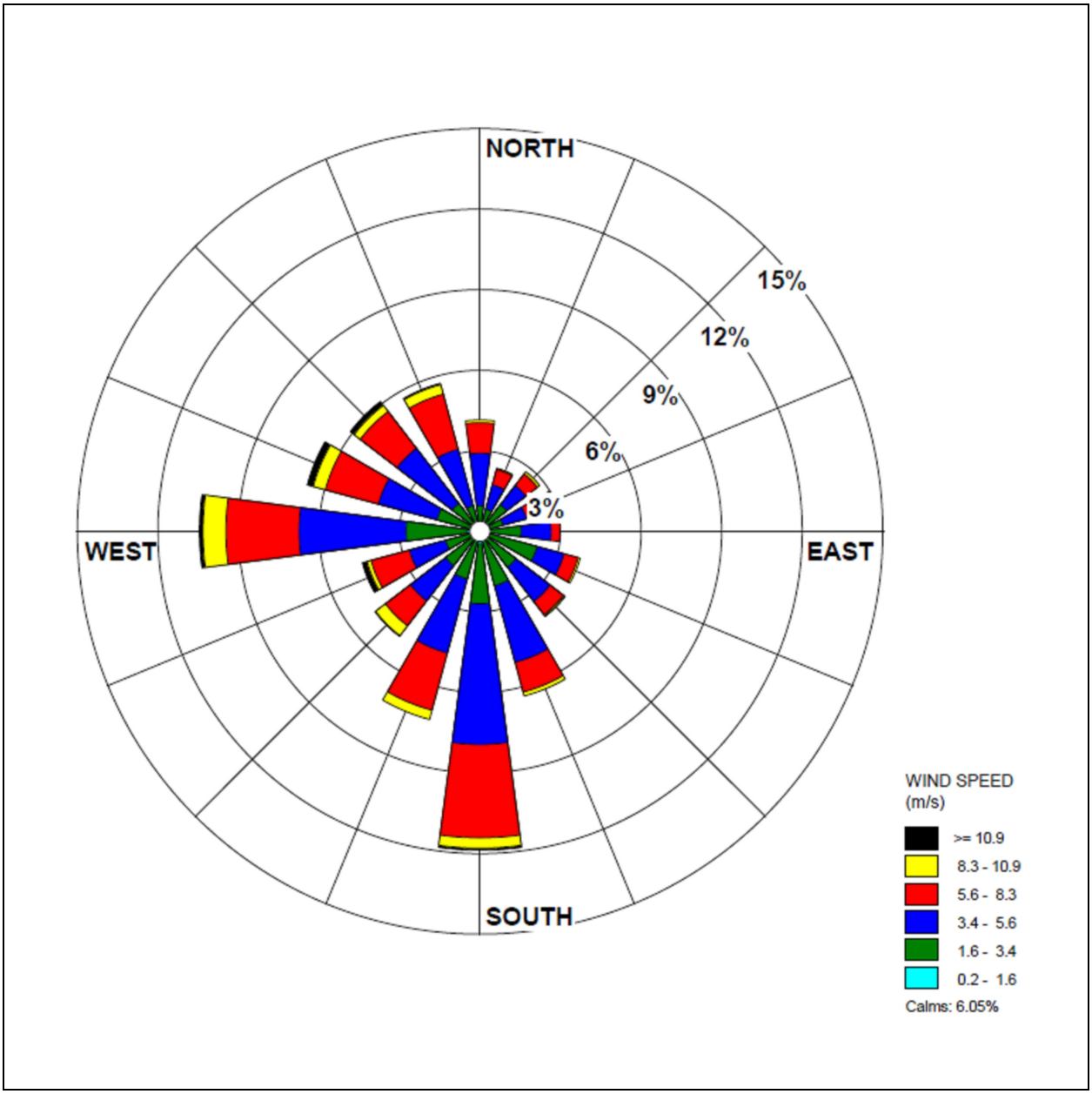


Figure 19.3.2-31 – December Wind Rose Southern Wisconsin Regional Airport (2005-2010)

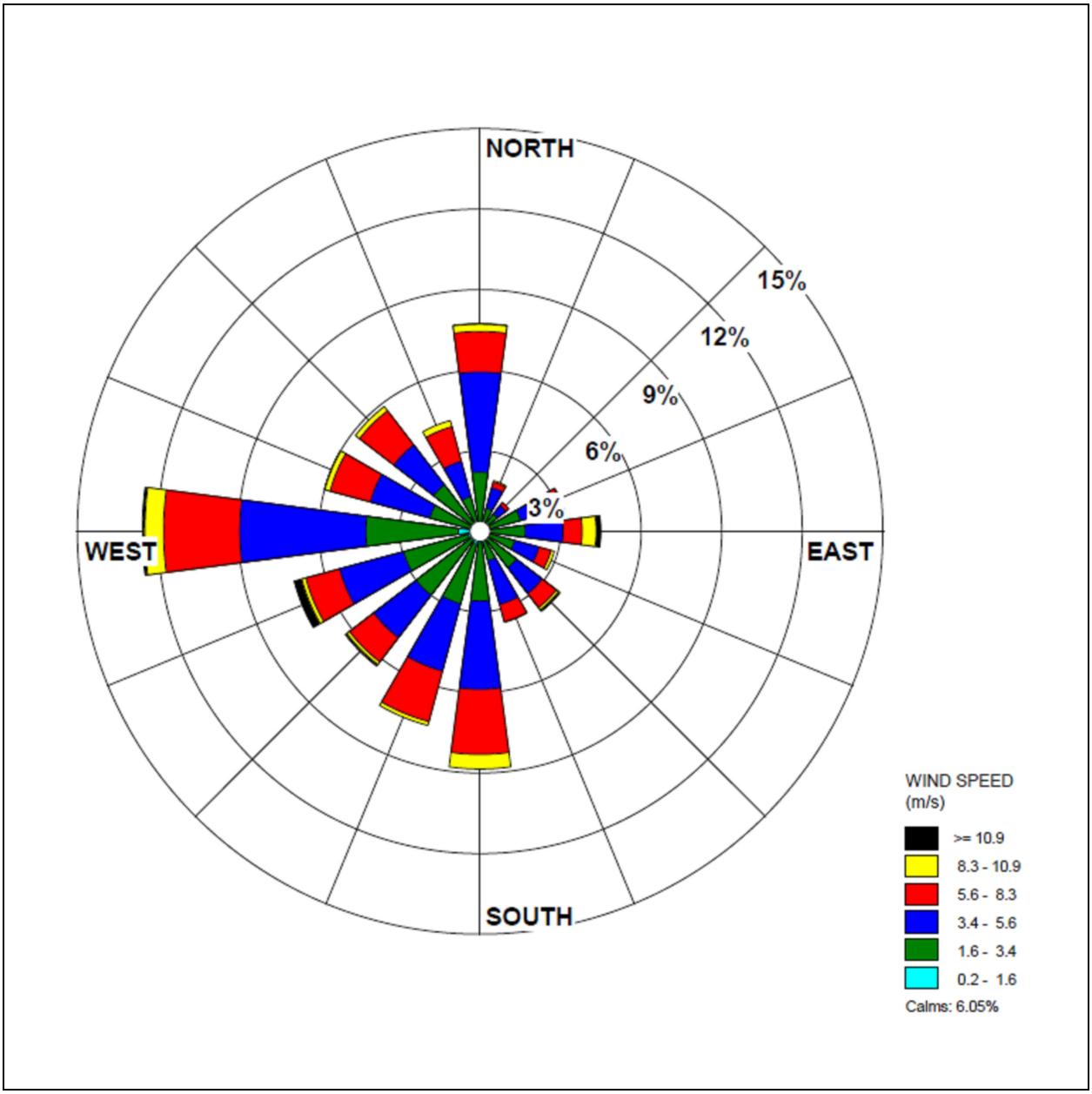


Figure 19.3.2-32 – Winter Wind Rose Southern Wisconsin Regional Airport (2005-2010)

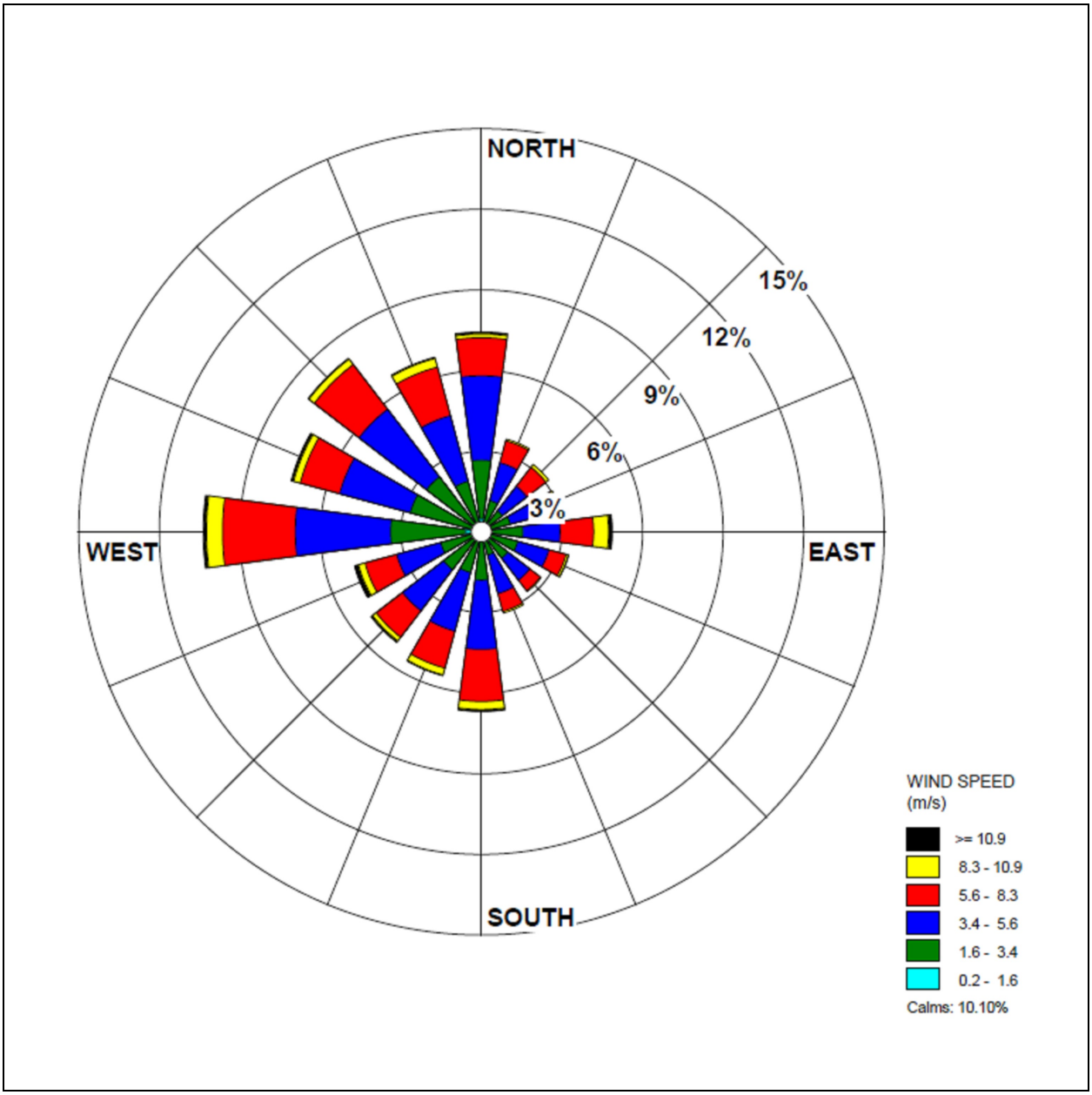


Figure 19.3.2-33 – Spring Wind Rose Southern Wisconsin Regional Airport (2005-2010)

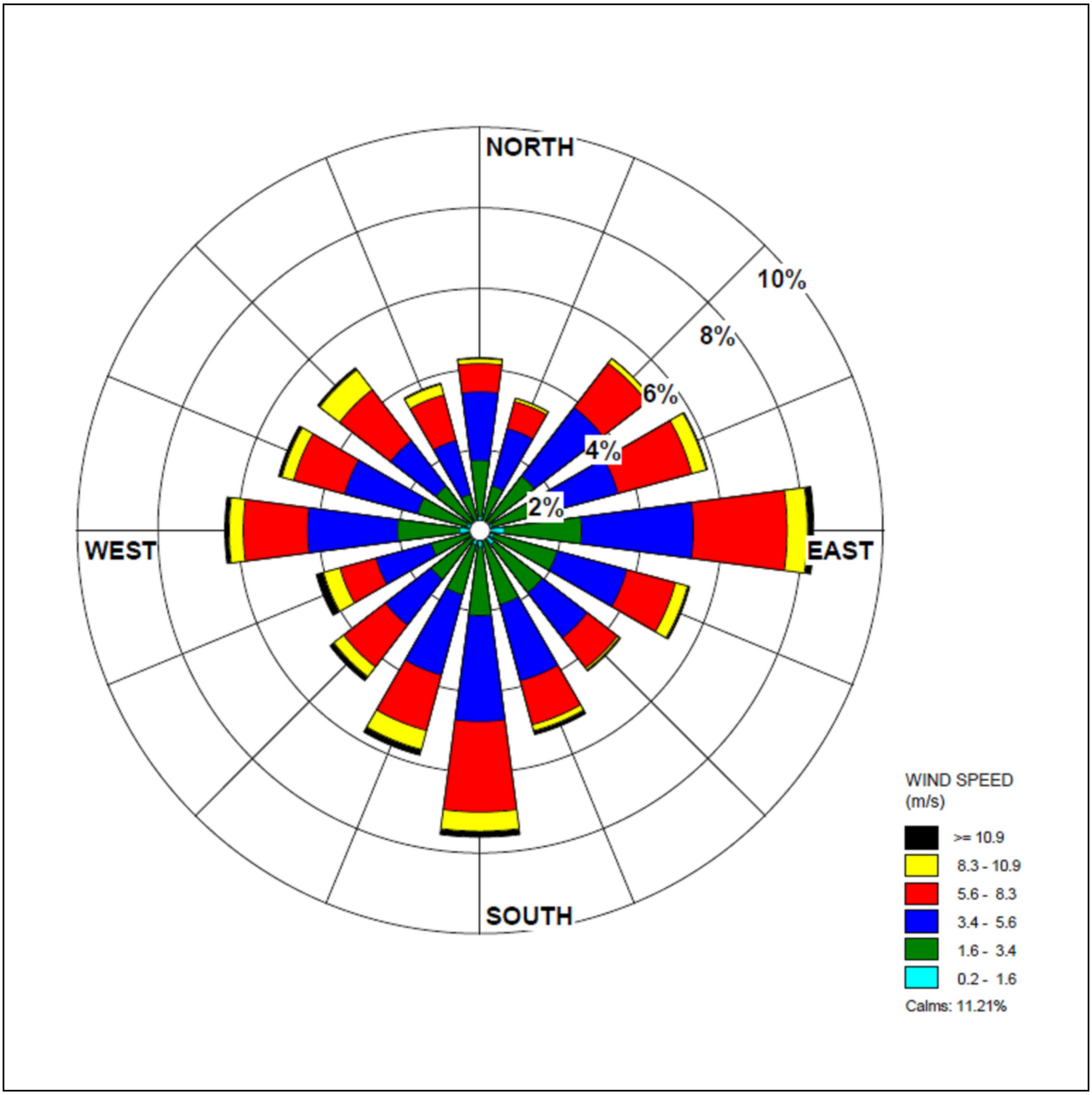


Figure 19.3.2-34 – Summer Wind Rose Southern Wisconsin Regional Airport (2005-2010)

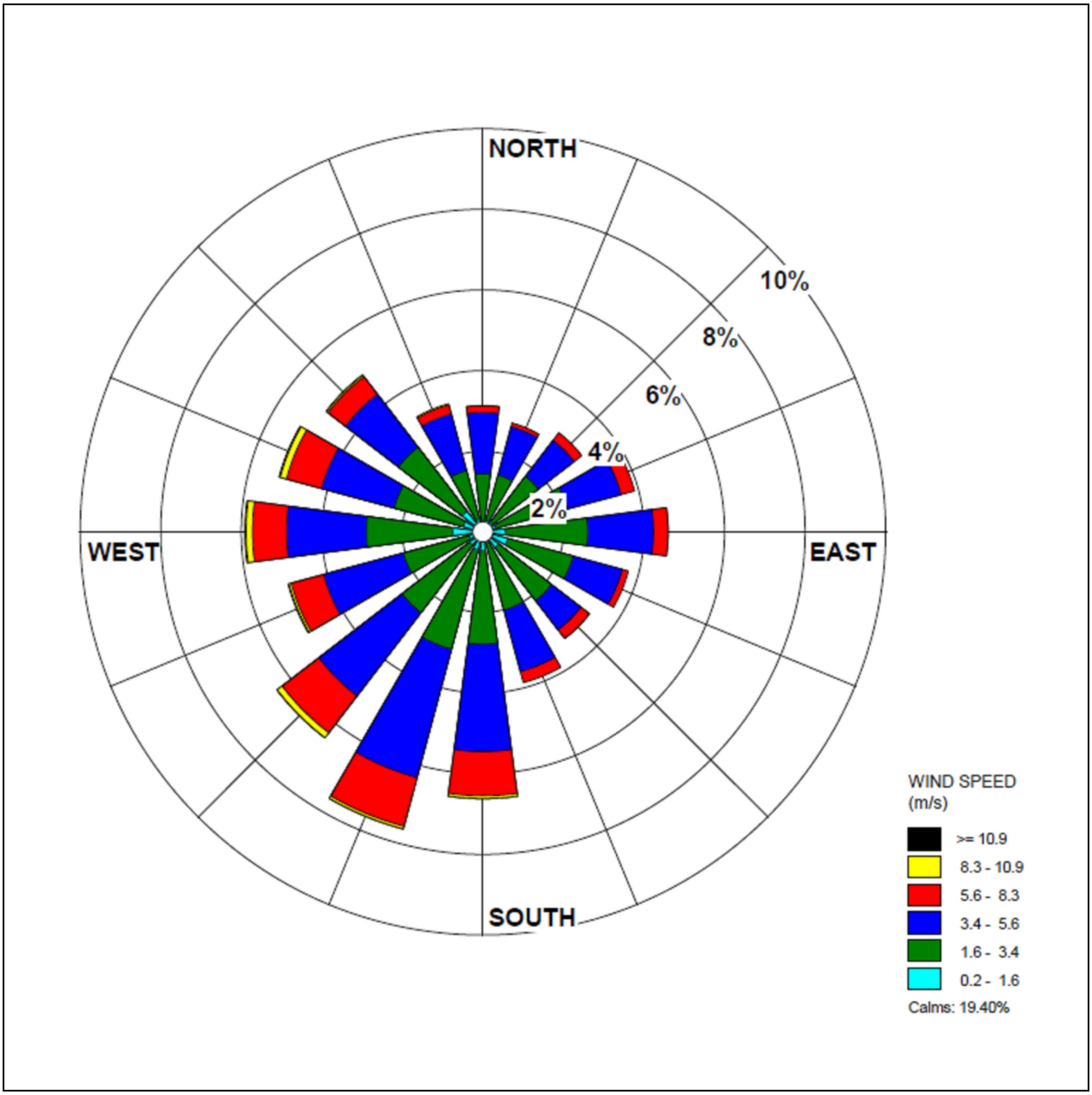


Figure 19.3.2-35 – Autumn Wind Rose Southern Wisconsin Regional Airport (2005-2010)

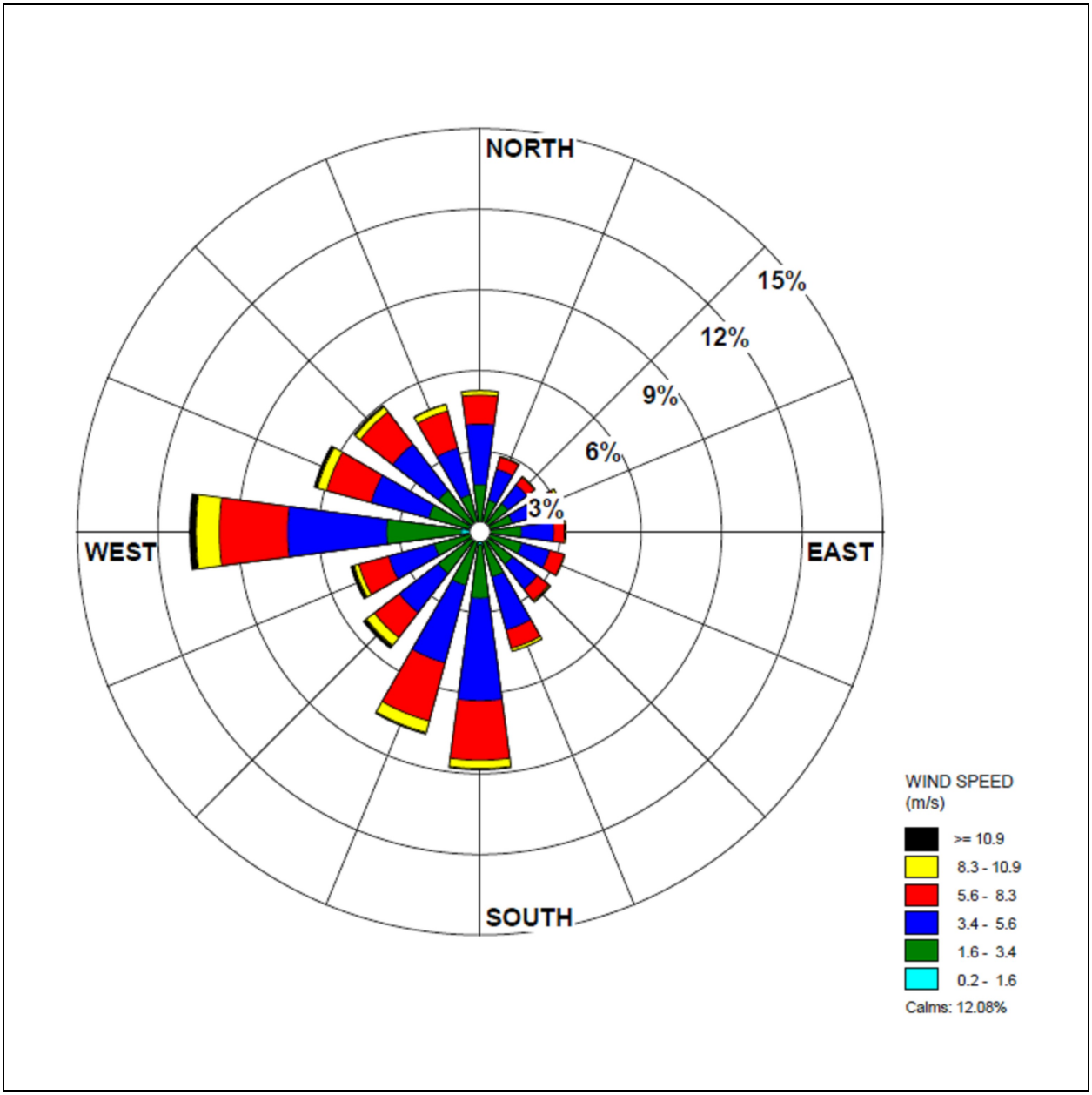
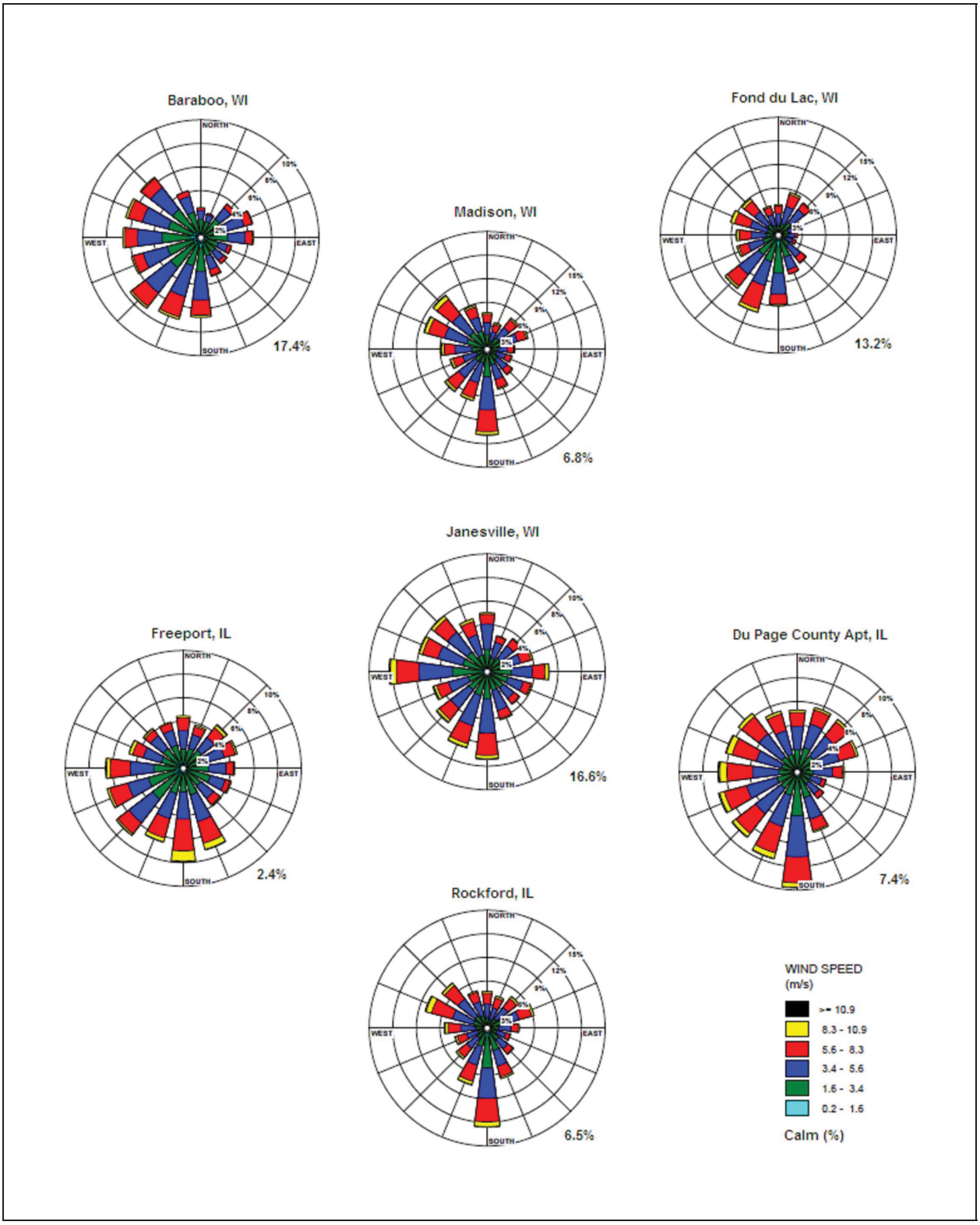


Figure 19.3.2-36 – Annual Wind Roses Southern Wisconsin Regional Airport (Janesville, WI) and Regional Stations[a]



a) Period of record varies from site to site from 1948-2011.