

Southeast Regional Wind Energy Resource Center

NC STATE UNIVERSITY



CLEMSON UNIVERSITY



NAVIGANT CONSULTING

DWEA Distributed Wind All-States Summit
15TH OCTOBER 2014

VIRGINIA CENTER *for*
WIND ENERGY

at **JAMES MADISON UNIVERSITY**

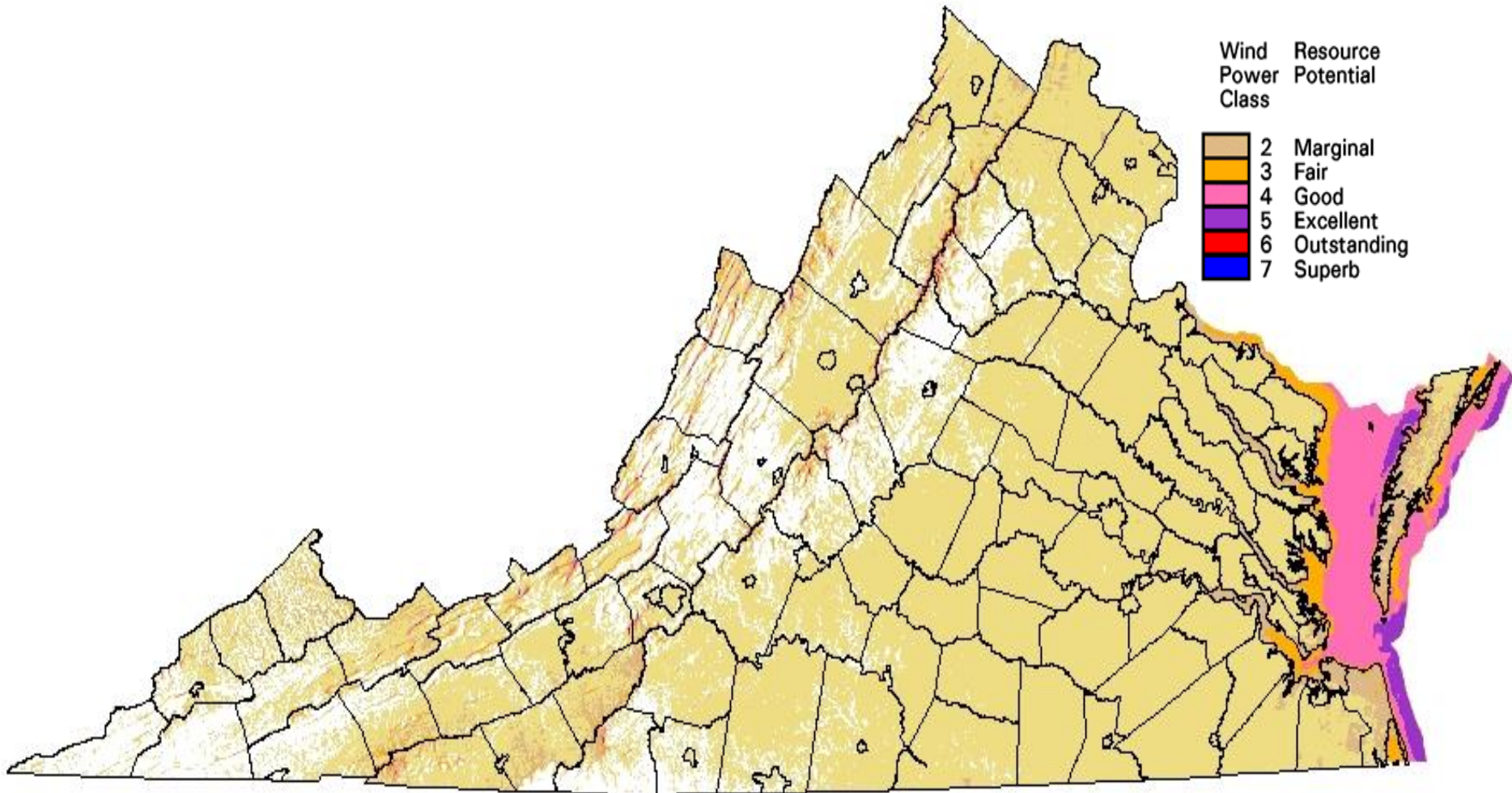
*Supporting wind energy research,
education and outreach*



Jonathan J. Miles, Ph.D.
*Professor, Integrated Science and
Technology*
Director, Center for Wind Energy
milesjj@jmu.edu
540.568.3044



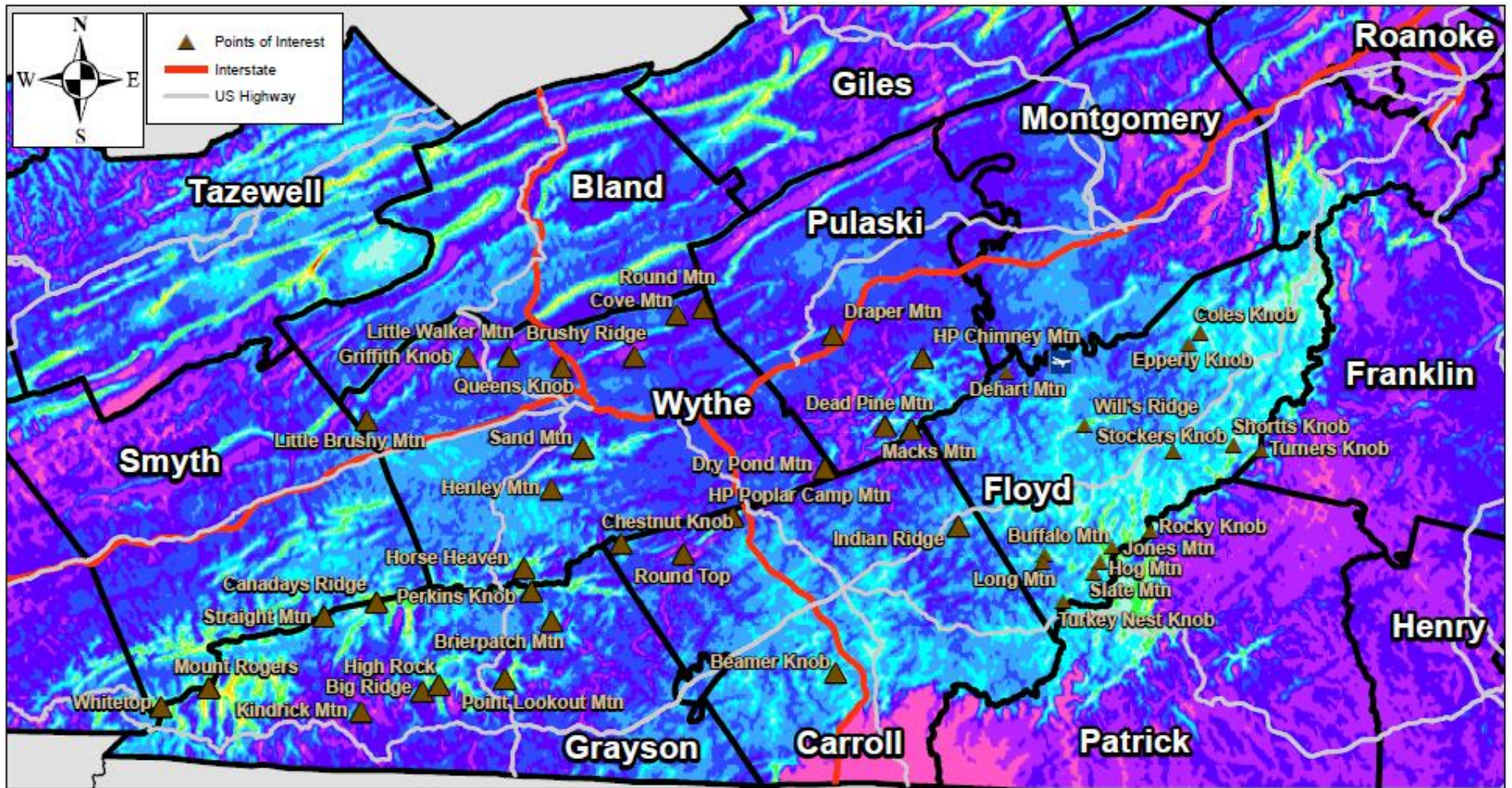
Wind Resource in Virginia





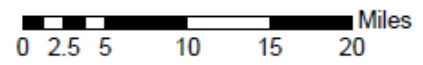
CAUTION
Do Not Approach
Wind Turbine
In Case of
Emergency
Contact
Bob Rippberg
304-292-7152

GE37C 17572



▲ Points of Interest
 — Interstate
 — US Highway

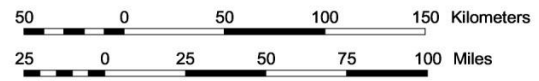
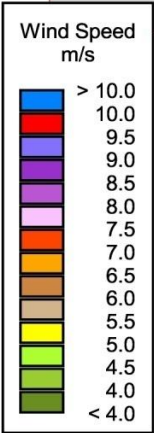
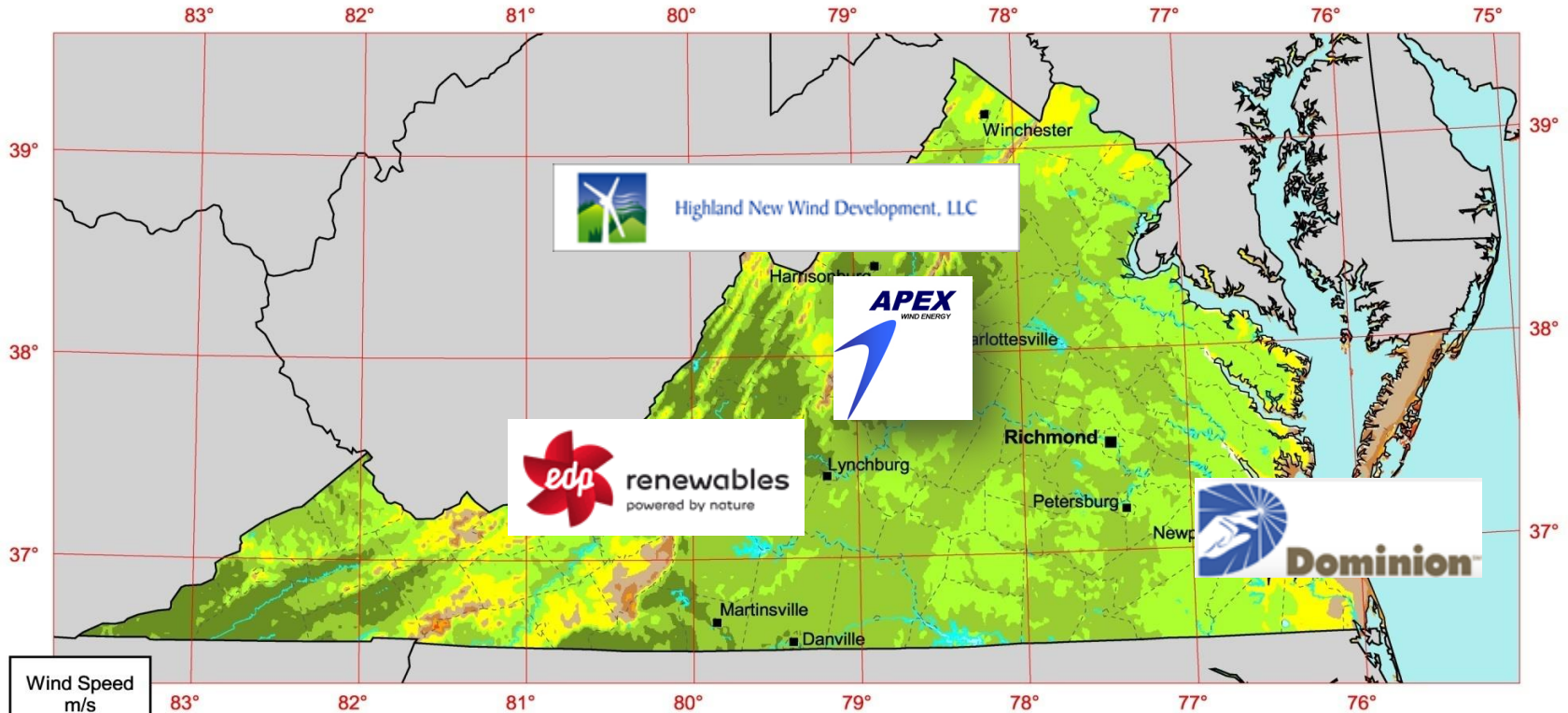
Wind Speed at 80m m/s	4.50 - 5.00	7.50 - 8.00
< 3.00	5.00 - 5.50	8.00 - 8.50
3.00 - 3.50	5.50 - 6.00	8.50 - 9.00
3.50 - 4.00	6.00 - 6.50	9.00 - 9.50
4.00 - 4.50	6.50 - 7.00	9.50 - 10.00
	7.00 - 7.50	> 10.00



Source: Wind resource estimates developed by AWS, Truepower, LLC. Web: <http://www.awstruepower.com>.
 Map Developed by the Virginia Center for Wind Energy
 Projection: UTM Zone 17 WGS84.



Virginia - Annual Average Wind Speed at 80 m



Source: Wind resource estimates developed by AWS Truewind, LLC for windNavigator®. Web: <http://navigator.awstruewind.com> | www.awstruewind.com. Spatial resolution of wind resource data: 2.5 km. Projection: UTM Zone 17 WGS84.





STAFF

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