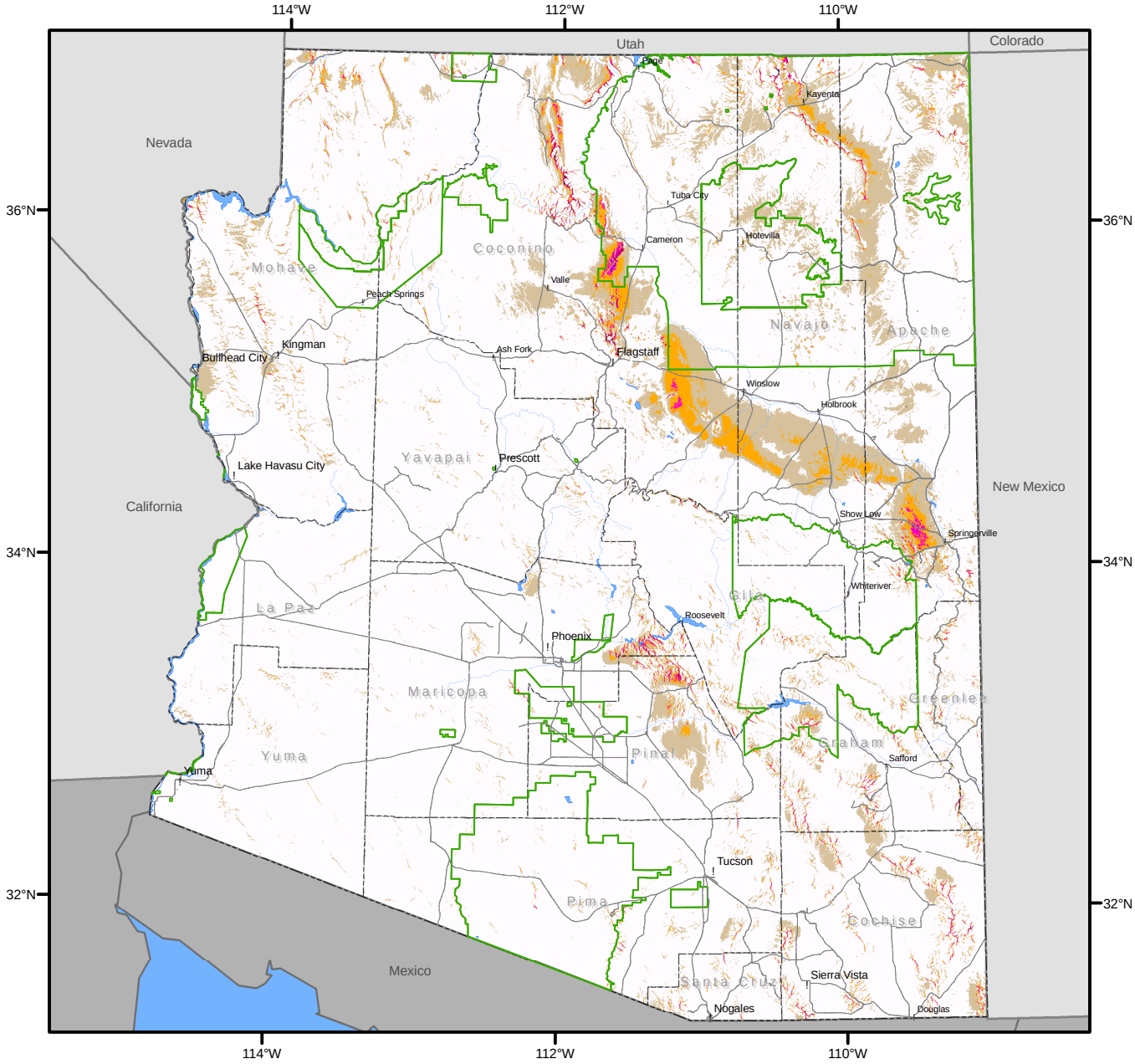
# State of Arizona

## Fall Wind Resource 164 ft (50m)





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Projection:
UTM, Zone 12, WGS84
Spatial Resolution of
Wind Resource Data: 200m

Sustainable Energy Solutions
www.ses.nau.edu

NORTHERN ARIZONA UNIVERSITY

### Wind Power Classification

| Wind Power Class | Wind Power Density ($W/m^2$) | Wind Speed (mph) |
|---|---|---|
| 1 Poor | 0 - 200 | 0.0 - 12.3 |
| 2 Marginal | 200 - 300 | 12.3 - 14.1 |
| 3 Fair | 300 - 400 | 14.1 - 15.7 |
| 4 Good | 400 - 500 | 15.7 - 16.8 |
| 5 Excellent | 500 - 600 | 16.8 - 17.9 |
| 6 Outstanding | 600 - 800 | 17.9 - 19.7 |
| 7 Superb | > 800 | > 19.7 |

### Legend

- County Boundary
- Indian Reservation
- Rivers and Water Bodies
- Major Roads

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0 12.5 25 50 75 100
Miles