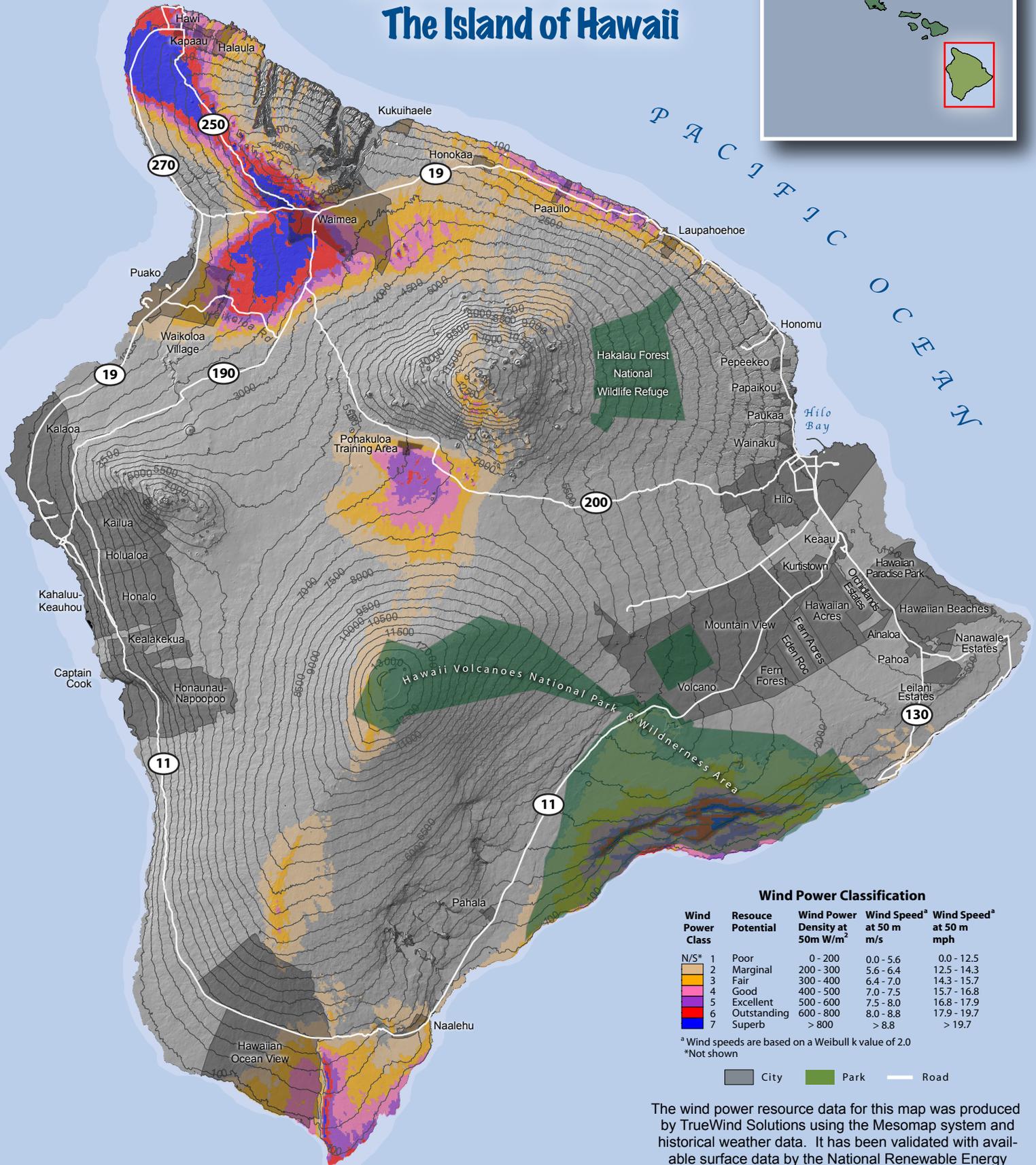
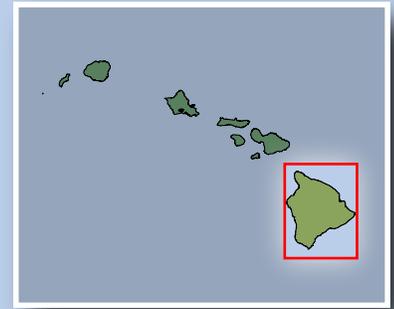


Onshore Wind Power Resource (50m)

of the Hawaiian Islands

The Island of Hawaii



Wind Power Classification

| Wind Power Class | Resource Potential | Wind Power Density at 50m W/m ² | Wind Speed ^a at 50 m m/s | Wind Speed ^a at 50 m mph |
|------------------|--------------------|--|-------------------------------------|-------------------------------------|
| N/S* | 1 Poor | 0 - 200 | 0.0 - 5.6 | 0.0 - 12.5 |
| | 2 Marginal | 200 - 300 | 5.6 - 6.4 | 12.5 - 14.3 |
| | 3 Fair | 300 - 400 | 6.4 - 7.0 | 14.3 - 15.7 |
| | 4 Good | 400 - 500 | 7.0 - 7.5 | 15.7 - 16.8 |
| | 5 Excellent | 500 - 600 | 7.5 - 8.0 | 16.8 - 17.9 |
| | 6 Outstanding | 600 - 800 | 8.0 - 8.8 | 17.9 - 19.7 |
| | 7 Superb | > 800 | > 8.8 | > 19.7 |

^a Wind speeds are based on a Weibull k value of 2.0

*Not shown

City Park Road

The wind power resource data for this map was produced by TrueWind Solutions using the Mesomap system and historical weather data. It has been validated with available surface data by the National Renewable Energy Laboratory and wind energy meteorological consultants.



0 5 10 20 Miles

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