Wind Power Density of Hawaii at 50 Meters

Power Density at 50 m

NREL Class	W/m2
1-	< 100
1+	100 - 200
2	200 - 300
3	300 - 400
4	400 - 500
5	500 - 600
6	600 - 800
7	> 800

Kaua'i
Ni'ihau
O'ahu
Moloka'i
Lana'i
Maui
Kaho'olawe
Hawai'i
Pacific Ocean

Key to Features
- City
- Volcano
- Major Road
- County Boundary
- Water Body

0 12.5 25 50 75 100 Kilometers

0 12.5 25 50 75 100 Miles

Projection: UTM Zone 4, WGS 84
Spatial Resolution of Wind Resource Data: 200 m
This map was created by AWS Truewind using the MesoMap system and historical weather data. Although it is believed to represent an accurate overall picture of the wind energy resource, estimates at any location should be confirmed by measurement.

AWS Truewind

350000 425000 500000 575000 650000 725000 800000 875000 950000
160°0'0"W 159°0'0"W 158°0'0"W 157°0'0"W 156°0'0"W 155°0'0"W
2475000 2400000 2325000 2250000 2175000 2100000
22°0'0"N 21°0'0"N 20°0'0"N 19°0'0"N

Hawaii_FINAL_PWR50m_26July04.mxd