



2022 | January

# Wind Trends

Global wind speed performance

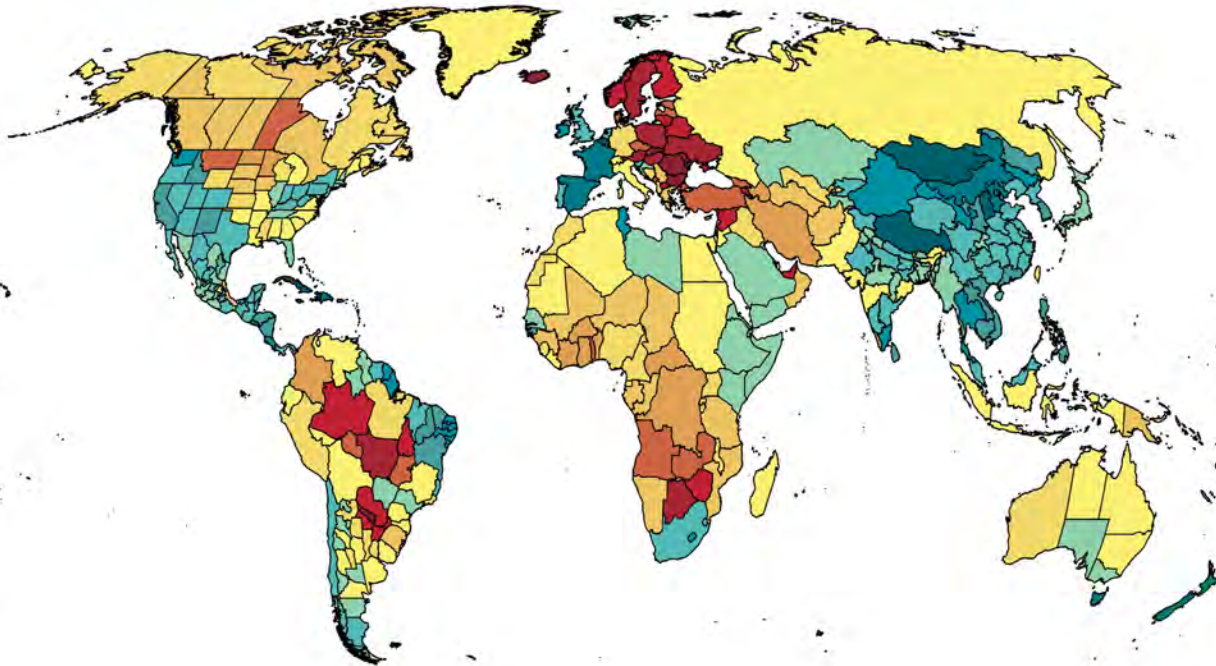
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## Global

The Wind Trends Bulletin depicts anomalies of the global wind resource from the historical norm on a monthly, quarterly, and annual basis. The anomalies are calculated as a percent deviation from the 1995 – 2019 mean speed at 100 m above ground level for the calendar period. The latest Wind Trends dataset is derived using the ERA5, a contemporary global reanalysis dataset. For more information about customized analyses for your project portfolio, data or subscription options, please contact us at [renewableenergyservices@ul.com](mailto:renewableenergyservices@ul.com).

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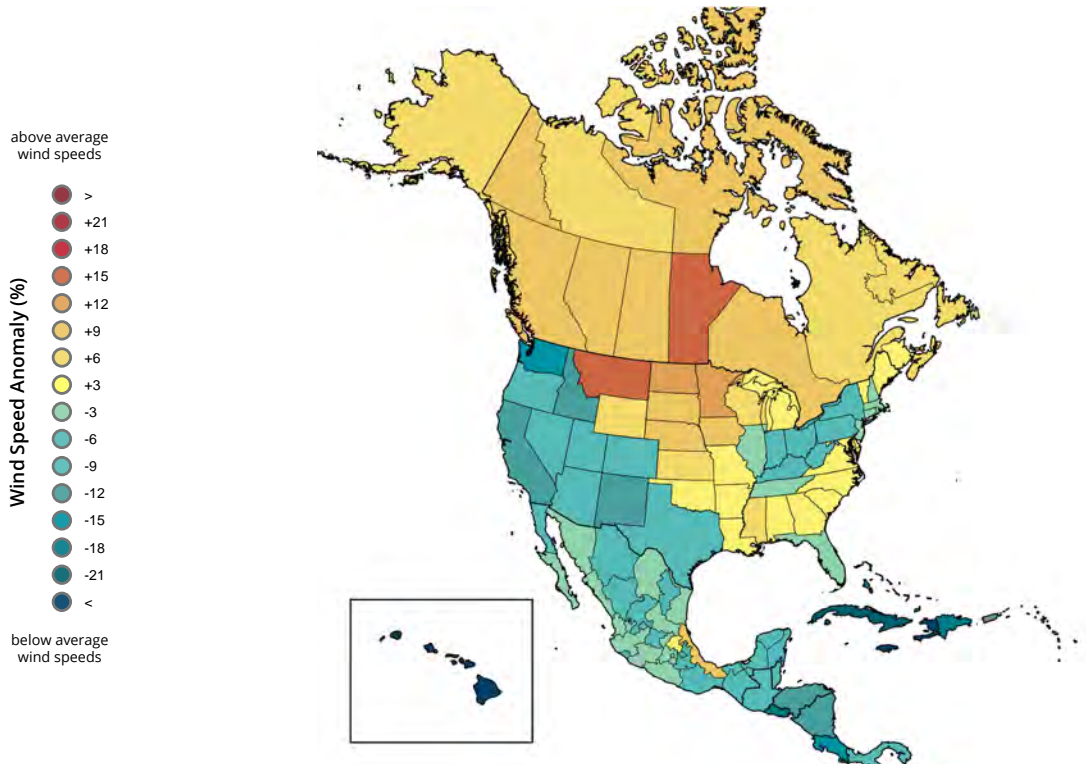
[Download](#) index values for even more wind power producing countries!



**Wind Trends**  
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## North America



Wind plant locations source:  
*Windpower Monthly Intelligence*



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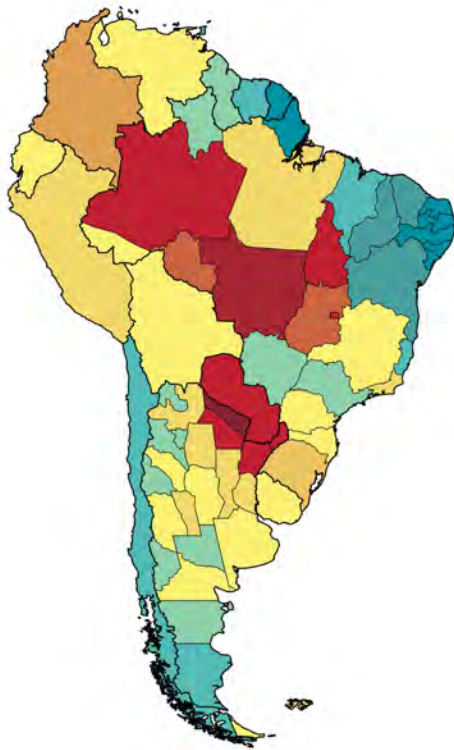
[ul.com/anomaly-data](https://ul.com/anomaly-data)



above average  
wind speeds



below average  
wind speeds



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## South America



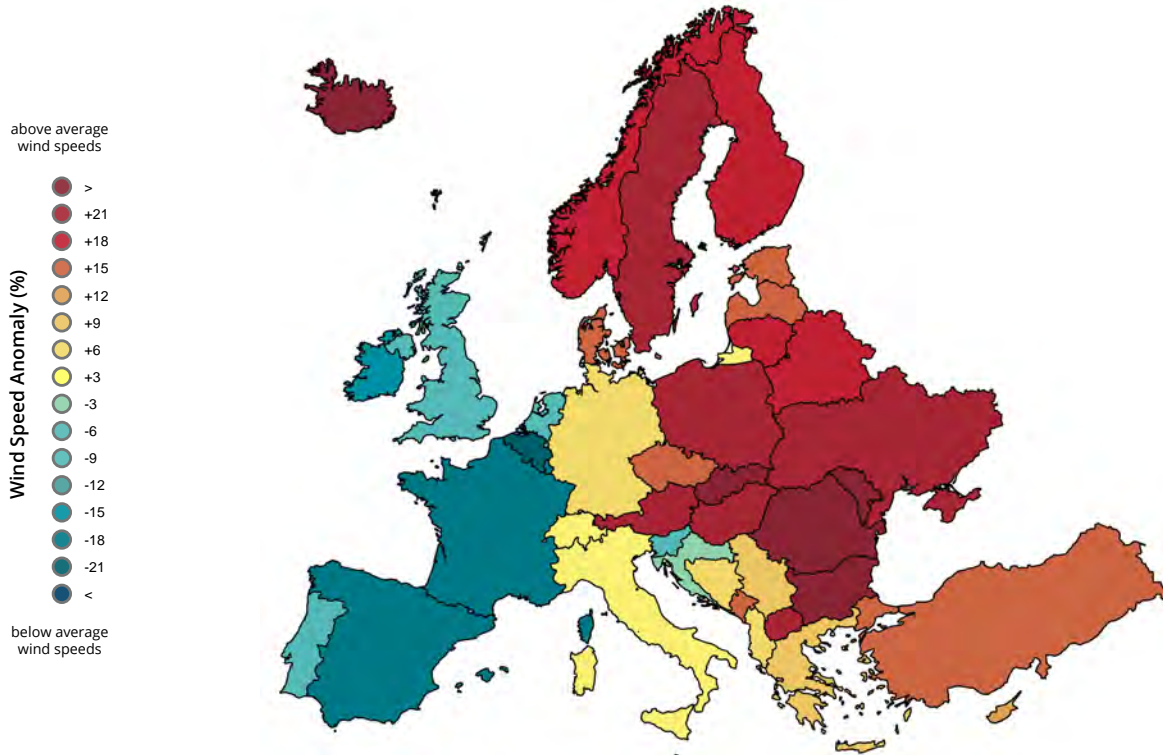
Wind plant locations source:  
*Windpower Monthly Intelligence*



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Europe

Wind plant locations source:  
*Windpower Monthly Intelligence*



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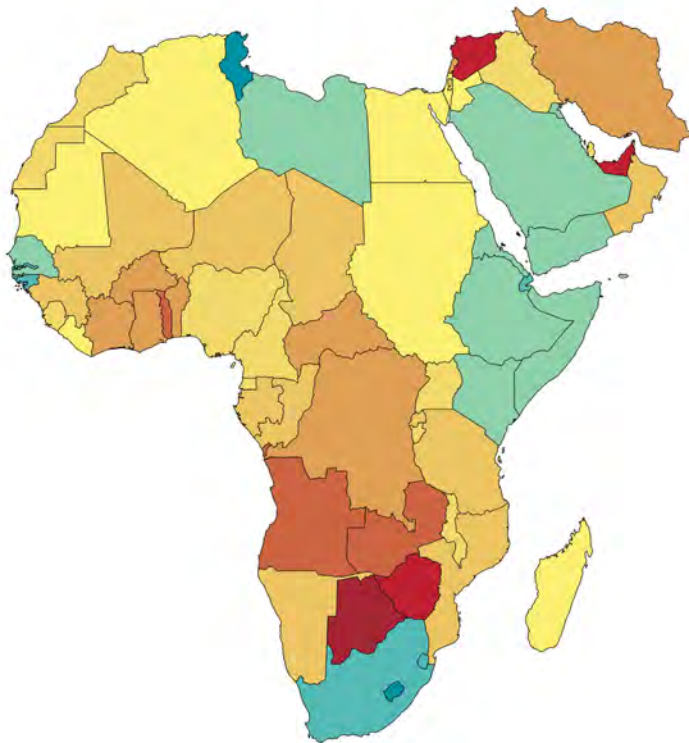
[ul.com/anomaly-data](http://ul.com/anomaly-data)



above average  
wind speeds

Wind Speed Anomaly (%)

below average  
wind speeds



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Africa / Middle East



Wind plant locations source:  
*Windpower Monthly Intelligence*



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Global wind speed performance

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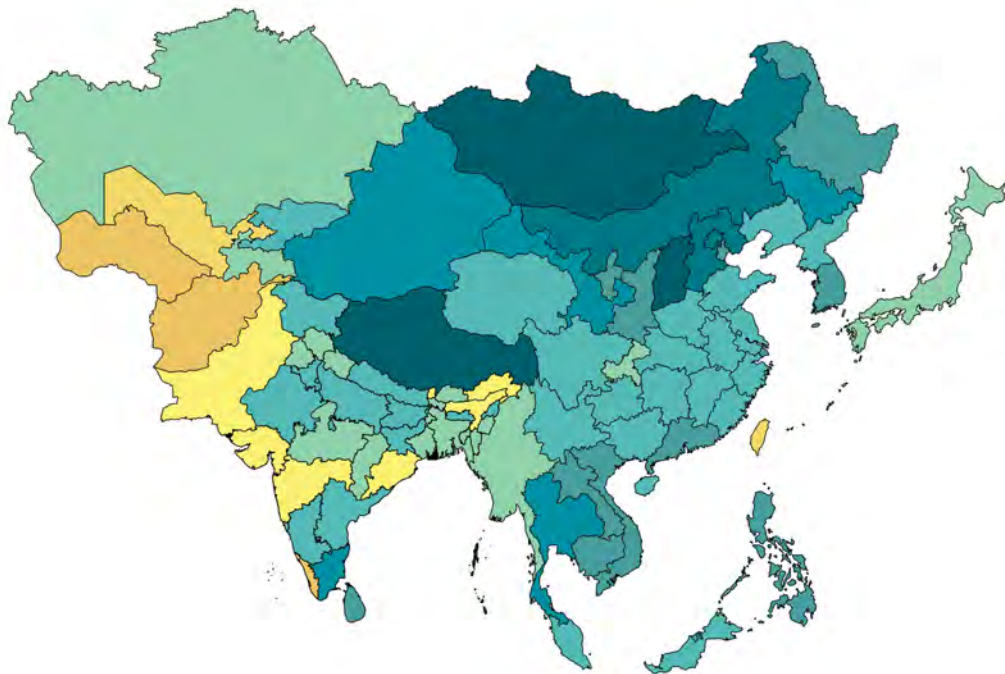


above average  
wind speeds

Wind Speed Anomaly (%)



below average  
wind speeds



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Asia



Wind plant locations source:  
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## Oceania

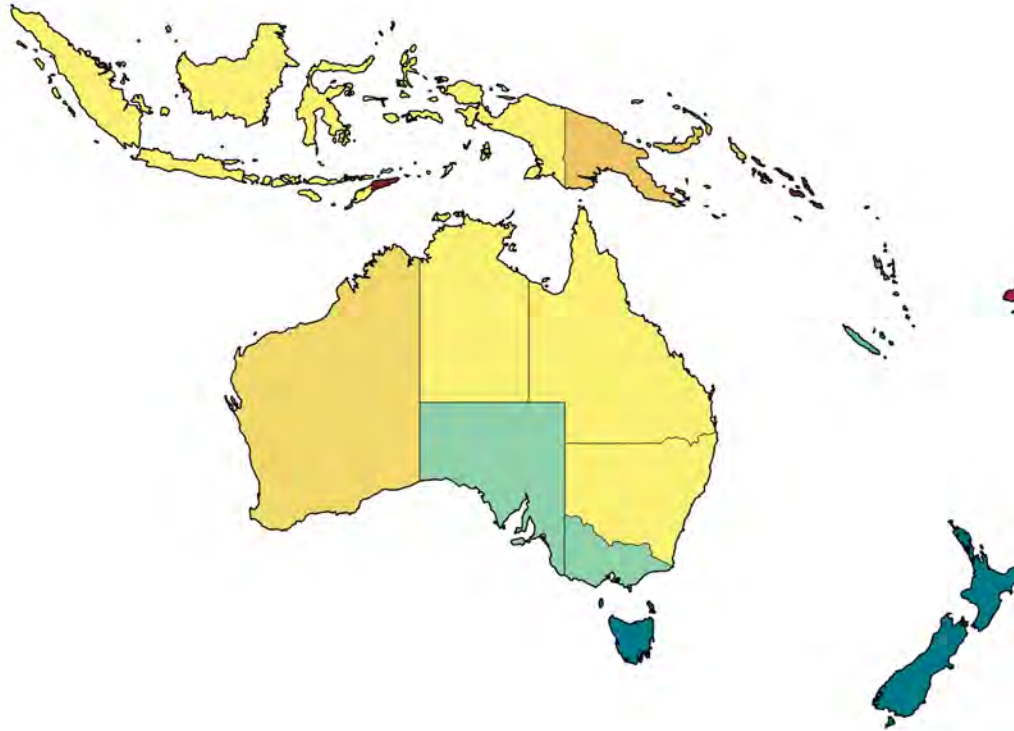


Wind plant locations source:  
*Windpower Monthly Intelligence*

above average  
wind speeds



below average  
wind speeds



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An aerial photograph showing a large-scale renewable energy project. In the foreground, a white wind turbine is partially visible, its blades extending across the frame. Below and around it, a vast field of solar panels stretches towards the horizon. The scene is bathed in the warm, golden light of a sunset or sunrise, with the sun low on the horizon. In the distance, more wind turbines are visible against the sky.

## Wind Trends changes in 2022

To provide readers with more timely access to Wind Trends we modified the bulletin and now offer a paid subscription to global wind anomaly maps and data. The paid version arrives in your inbox within the first 5 to 10 business days of each month.

[Learn more about resource anomaly subscriptions and other custom data offerings.](#)



### **New Solar Trends bulletins**

We now offer complimentary and paid subscriptions to Solar Trends, featuring global horizontal irradiance anomaly maps and data every month, quarter and year.



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