

# Windy



**Windy** is a popular platform for weather forecasting and visualization. Millions of people around the world use it to gather accurate and up-to-date information on weather conditions such as temperature, wind, precipitation, pressure, and other meteorological parameters.

Windy uses a variety of data sources to provide accurate weather forecasts and visualizations. It combines data from a wide range of sources, including weather models, satellite imagery, radar data, and weather stations. The platform uses a variety of data visualization techniques, including maps, charts, and animations, to provide users with an easy-to-understand view of current and future weather conditions.

One of the unique features of Windy is its ability to visualize wind patterns and currents on a global scale. Users can see a live map of wind patterns around the world, which is useful for sailors, surfers, and other outdoor enthusiasts.

## **some of the uses of windy includes:**

- **Weather forecasting:** Windy provides accurate weather forecasts and real-time weather information for any location worldwide. Windy is used in the control room to check the weather conditions of each concession before setting out the drones, this will help when the UAV is in full operations. Users can view temperature, precipitation, wind speed and direction, pressure, and other meteorological data.
- **Aviation:** Windy is also used by pilots for flight planning and weather forecasting. It provides real-time information on wind patterns, turbulence, and other weather conditions that can affect aircraft operations.
- **Emergency management:** Windy can be used by emergency management agencies to monitor severe weather events, such as hurricanes, tornadoes, and wildfires. The platform provides real-time information on wind speed and direction, precipitation, and other weather-related data, which can help emergency responders prepare for and respond to these events.

Windy is used in the control room to check the weather conditions of each concession before setting out the drones, this will help when the UAV is in full operations. And also to check the network connectivity of the concession.

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