



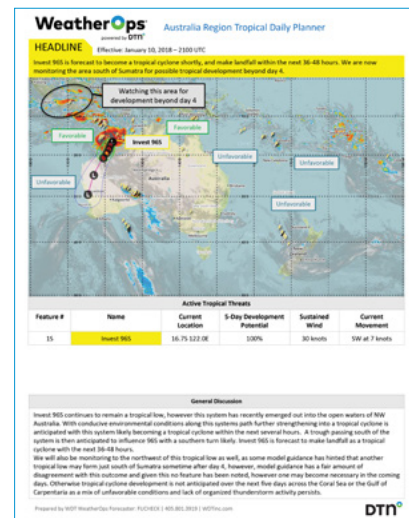
## Plan. Position. Profit.

Expert meteorologists monitor assets and provide live, personal consulting, before and during weather impacts, anywhere on the globe.

DTN provides organizations with actionable weather analytics and decision support. Hazardous weather detection, prediction, and decision analytics are also available via APIs and GIS layers.

### WeatherOps by DTN Advantage

- 24/7 Met Access**  
 Access to our expert team of meteorologists ensures you have the information you need to maintain safe, efficient operations no matter the situation.
- Marine Planning Forecast**  
 Track wind and sea state with customizable planners to minimize route interruptions while maximizing crew safety and fuel efficiency.
- Tropical Decision Guidance**  
 As tropical storms develop, you'll receive detailed alerts up to ten days in advance allowing you time to plan for a smart and safe course of action.



Customizable weather parameter thresholds warn only when it matters

WeatherOps Forecaster issued advisories & warnings specifically for your asset

Color coded Marine Daily Planner & Weather Check forecasts for quick review

## WeatherOps by DTN

# Offshore Energy Operations, Ports, Cruise Lines, and Shipping Worldwide Depend on DTN

### **Marine Planning Forecast**

Get a 7-Day forecast in 6-hour time steps for 10/50 meter wind direction & speed, wind wave, primary surface swell, significant wave, max wave, visibility, air temperature, and precip & thunderstorm probability.

### **Tropical Daily Planner**

WeatherOps issues twice daily, a summary of active tropical systems and invest areas showing direction/movement with a defined track, as well as location/movement of tropical waves and other factors.

### **Active Storm Advisory**

For many, waiting for the NHC or JTWC to begin official track forecasts can be too late to take preparedness actions. In 2017, our initial tropical storm forecasts originated, on average, 50 hours before the NHC began forecasting.

### **Tropical 6-10 Day Outlook**

Twice weekly, during the Atlantic tropical season, WeatherOps issues 6-10 day outlook for tropical cyclone development potential for sub-regions of the Atlantic basin, plus a detailed write-up describing these threats.

### **Tropical Threat Report**

While listing storm specifics, a forecast guidance table detailing expected wind arrival times and "worst case" scenarios give a direct assessment of the potential impacts of a tropical cyclone/typhoon to your assets.

### **T-Time and Risk & Response**

These reports provide direct assessment of potential tropical cyclone impacts to specific assets with precise timing of forecasted winds for each. T-Time reports focus on offshore marine assets while Risk & Response reports serve land-based customers.

"Because of the information in WeatherOps daily Tropical Planners, Active Storm Advisories and the direct consultation with the WeatherOps team, we were able to stay open at our Port Aransas facility longer, shut down properly, and get back to work faster."

**Russ Miller/ HSSE Emergency Preparedness Manager  
Plains All American Pipeline**