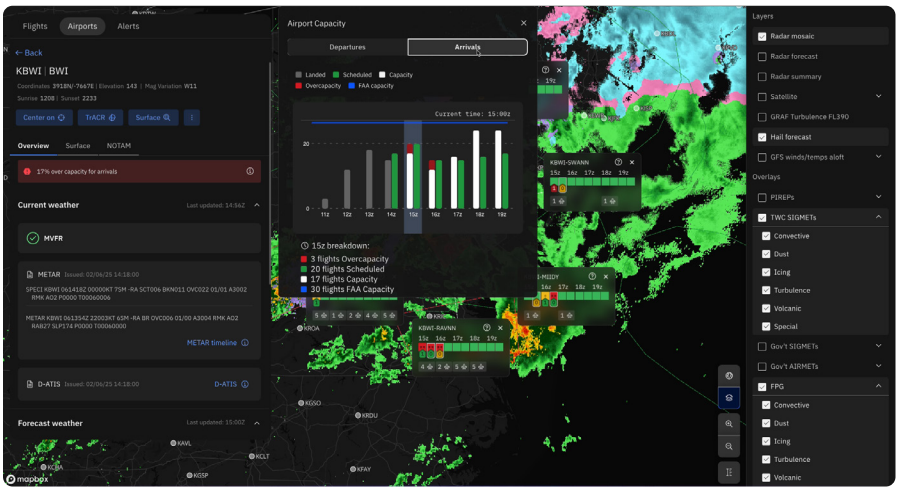
The Weather Company aviation solutions – Maverick™ Dispatch

Intelligent solutions for modern dispatch operations

Introducing Maverick Dispatch, an innovative SaaS-based flight-following solution powered by The Weather Company's Weather Forecast Services that transforms how dispatchers interact with critical data, enabling faster, more informed decision making from ground to air.



An intuitive, modern interface drives efficiency and faster decisions

In an era of increasing data complexity, Maverick Dispatch cuts through the noise to help your team prioritize essential operational decisions in a single, user-friendly interface. The cloud-based platform integrates:

- Weather alerts that highlight critical information in context
- AI-driven insights for immediate action
- Intuitive workflows that reduce cognitive load
- Real-time data visualization and analysis tools

Maverick Dispatch helps minimize delays, optimize routes, and reduce fuel burn — delivering tangible cost savings. By distilling complex data into clear, actionable intelligence, your team can focus on what matters most: maintaining safe, efficient operations while reducing disruptions across your network.

Operational risks

Today's dispatchers face mounting pressure to maintain operational efficiency while managing a flood of alerts and fragmented data sets. Information overload, along with the need to balance weather concerns with air traffic programs and company policies, often creates more problems than solutions.

Key hurdles include:

- Alert fatigue from too many notifications with limited context, making it difficult to identify and act on critical information.
- Disconnected weather and aviation data sources that require constant switching between systems.
- Dispatch systems built before the need to manage multiple dynamic and complex data sets.
- Time lost to troubleshooting separate data streams versus interpreting them for operational decision making.

Without a unified solution that brings together relevant weather data, alerts, and aviation information in an intuitive interface, teams will continue to struggle with efficiency. Dispatchers need a streamlined flight-following solution that delivers actionable insights within their existing workflows to help drive faster decisions.

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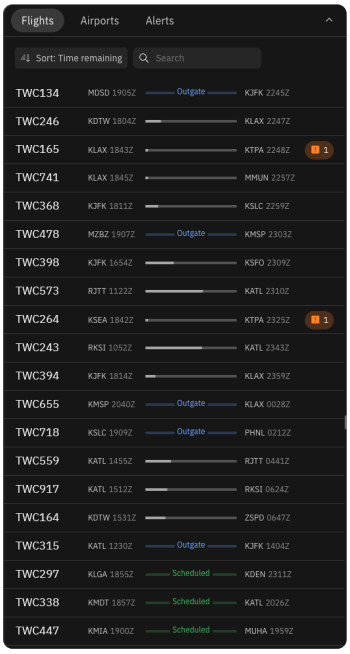
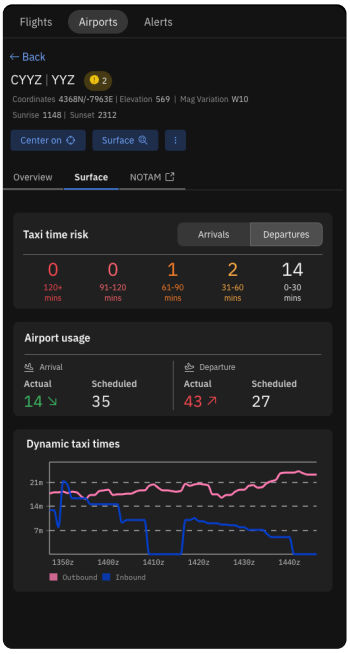
Key benefits

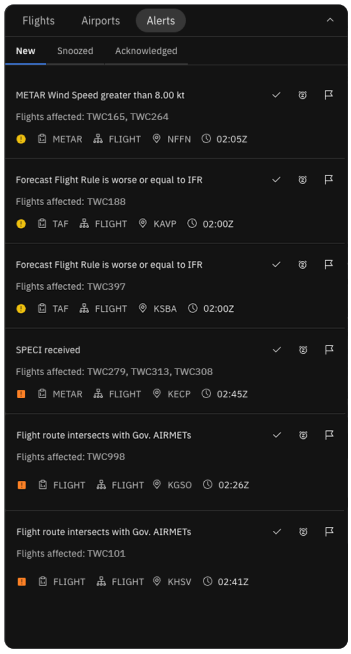
Better decision making:
View comprehensive weather impacts through advanced Global High-Resolution Atmospheric Forecasting System (GRAF) data layers and new mapping technology, delivering critical information in context. Our revamped meteorology portal also ensures consistent briefings across all airline roles, while integrated mapping opens up quick surface-to-global tracking.



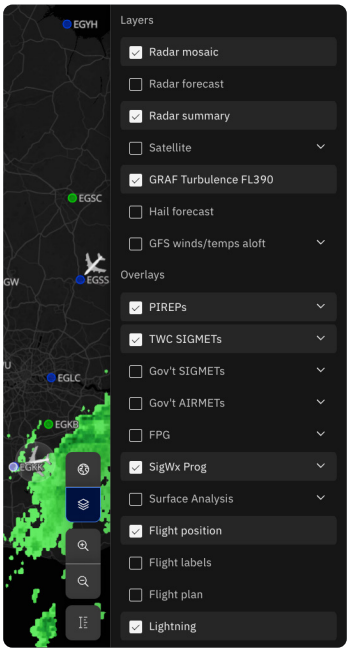
Updated flight panel



Airport insights



Actionable alerting



Enhanced map data

Insights-driven workflows:
Leverage AI-driven models like terminal airspace convective risk (TrACR), airport arrival rate (AAR), and airport departure rate (ADR) directly in your workflow to detect fleet issues and act on the impact of weather on airline operations. Enhance diversion management and flight risk analysis, and get partner analytics directly within the application to help your team make faster, more informed decisions for IROPS and beyond.

Enhanced product platform:
Experience rapid software updates and new feature deployments with flexible controls like feature flags, allowing your team to adopt innovations at its own pace and reduce the burden on IT.

Unified cloud experience:
Ensure all team members access the same up-to-date information and intelligent insights in a common SaaS-based platform. Enhancements and defects can be rapidly integrated into production, while allowing customization for specific operational needs.

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Proven value, collaborative approach

Maverick Dispatch's iterative design and development cycles reduce time for new features, while deployment cycles are shortened, and easier training can be adopted in test environments.

In developing the Maverick Dispatch experience, The Weather Company completed 30+ design reviews with airline partners to understand data and workflows that are being used today.

The Weather Company aviation solutions suite is backed by nearly 30 years of aviation forecasting expertise. Its products enable airlines and airports to proactively manage disruptive weather to help ensure they maintain safe and profitable operations for ~25,000 flights per day.

Explore The Weather Company aviation solutions →