



WeatherOps – Live Event Services

Nothing ruins a good game, concert or large outdoor event as quickly as bad weather. Cancellations and rain delays are not only bad for morale—they can do serious damage to your bottom line. While planning for live events, one must carefully choose a level of meteorological support that best supports your event or venue.

To cater this need, DTN offers unique Live Event Services through MetWatch. WeatherOps provides event-specific reports with customizable triggers prior to and during your event to help you key in on expected weather threats, plus general weather information for planning purposes.

Features

Suiting to your specific event need, you can choose from different service levels for best-in-class forecasts, alerts and risk management tools. Specialised services such as OnDemand, MetWatch or OnSite solutions give you access to DTN degreed meteorologists for professional insight and support. This service helps you **plan your event, protect your spectators, and prove weather risks.**

This is an enhanced professional 'notifications and phone consulting' service specially designed for outdoor shows, concerts, festivals and events.



Plan, Protect and Prove

Plan – accurate climatological reports and weather insights to plan better.

DTN provides Weather Risk Report offering a complete climatological profile for any location on earth. One can quickly generate a detailed history of observed rain, wind, lightning, and temperature information for an upcoming event or allocate an insurance budget. To better understand the weather risk, a long range forecast for the event location and date range is included. One needs to simply provide the location and date range, then choose how long of a historical profile you want.

Protect – protection for an event is as easy as providing a date and a location.

Protect features include event-specific reports triggered prior to the event and all expected threats, plus general weather information for effective event management with options such as:

- Thunderstorm & rainfall planner
- Daily planner & weather check,
- Lightning & weather alerts (24/7 alerting (email / push notification)
- Meteorologist monitoring & alerting,
- Meteorological consulting
- Outlooks and onsite weather watches
- Mobile app access *includes commander access

Prove – post event reports and event analysis.

In case the event is delayed, postponed or cancelled owing to bad weather, DTN Weather Impact Report offers a way for event managers and insurers to support their claim of extreme weather conditions post event. One can input the event location as well as the insured date and time, and DTN will generate the required report to determine how much rain fell, how close lightning struck, or how strong winds were.



Daily Planner

Issued: Monday, October 28, 2019 at 06:00AM EDT

| CBS | Position: 30.32 N 81.64 W | | | | | | | | | | | | All Times: EDT (-04:00 UTC Offset) | | | | | | | | | | | |
|-------------------------------|---------------------------|----|----|--------|----|----|--------|----|----|--------|----|----|------------------------------------|----|----|-------|----|----|-------|----|----|----|--|--|
| TIAA Bank Field | Mon | | | Tue | | | Wed | | | Thu | | | Fri | | | Sat | | | Sun | | | | | |
| | Oct 28 | | | Oct 29 | | | Oct 30 | | | Oct 31 | | | Nov 1 | | | Nov 2 | | | Nov 3 | | | | | |
| Weather Threats | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind Gusts | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | | |
| T-storm/Lightning Probability | G | Y | G | G | R | R | G | G | R | R | G | G | Y | G | G | G | G | G | G | G | G | G | | |
| T-storm Severity | G | G | G | G | G | G | G | Y | Y | G | G | G | G | G | G | G | G | G | G | G | G | G | | |
| Precipitation Amount | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | | |
| Apparent Temperature | 78 | 89 | 89 | 75 | 87 | 89 | 79 | 76 | 87 | 84 | 80 | 76 | 88 | 92 | 88 | 77 | 74 | 76 | 75 | 69 | 66 | 72 | | |
| Snow Accumulation | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | | |
| Ice Accumulation | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | | |
| Wind Speed (mph) | 4 | 3 | 7 | 4 | 3 | 5 | 6 | 5 | 3 | 5 | 8 | 6 | 8 | 7 | 8 | 7 | 8 | 7 | 7 | 6 | 3 | 7 | | |
| Wind Direction | ↘ | ↓ | ← | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | ↖ | | |
| High Temperature (F) | 84 | | | 83 | | | 85 | | | 85 | | | 78 | | | 73 | | | 71 | | | | | |
| Low Temperature (F) | 70 | | | 72 | | | 73 | | | 74 | | | 69 | | | 63 | | | 57 | | | | | |
| 24 Hr. Prob. of Precipitation | 80% | | | 95% | | | 95% | | | 65% | | | 50% | | | 45% | | | 35% | | | | | |

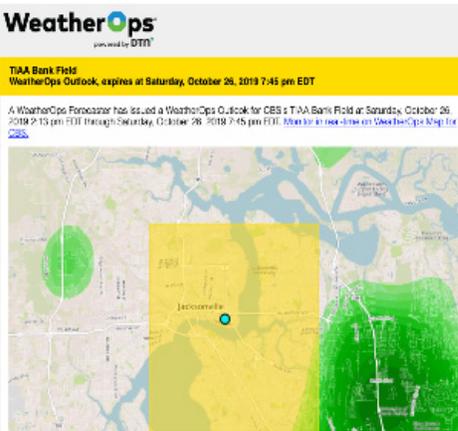
Case 1: Forecast Generated Product provides a first line of defense for land-based locations with data carefully reviewed and edited by DTN Meteorologists.



forecaster@weatherops.com DTN

Scattered showers and storms are possible this afternoon and evening
 Scattered showers and storms have developed across the region and will be working into the area over the next hour or so, and remain likely this evening.
 Moderate to heavy rain and locally enhanced wind gusts could be possible. We aren't seeing any lightning with the shower to the south at this time, but an isolated bolt or two can't be ruled out.

Case 2: Watches cover a larger area and alert for potential weather, issued from days to hours before impact with increased lead times. Outlooks and warnings are more site specific.



Case 3: These polygon-based alerts are event-specific, drawn by DTN forecasters and provide attributes that describe the weather threat and timing.

Below specified are some alert types that DTN predicts:

| Solution | Specification |
|--------------|---|
| Outlook | Excessive rainfall outlook |
| | Severe weather outlook |
| | Winter weather outlook |
| | Extended outlook days 2–7 |
| Thunderstorm | Thunderstorm watch |
| | Hazardous thunderstorm warning |
| | Particularly hazardous thunderstorm warning |
| Heat | Heat index warning |
| Winter | Winter storm watch |
| | Winter storm warning |
| Wind | High wind watch |
| | High wind warning |

**We offer offshore and marine based forecasts as well.

Benefits

Combined with premium forecasts and alerts, WeatherOps – Live Event Services with MetWatch provides enhanced decision support for any global location. The key benefits are:

- Helps ensure better decisions, less down time
- Provides professional, independent information decreasing liability
- Allows customer to promote their investment, while staying safe
- The product is easy to set up, and is scalable

How DTN helps

The DTN weather room monitors your premise or event location anywhere on the globe with the help of WeatherOps – Live Event Services. If a weather threat is identified, DTN Forecaster issues an alert. The team issues short-fuse, event-driven alerts and outlooks covering the specified parameters forecasted or predicted to be a threat to your business. Alerts are color-coded to communicate severity for easy and quick understanding. DTN patented alerting technologies disseminate these alerts in real-time via SMS text, HTML email, WeatherOps Commander and the WeatherOps App via push notification. A map and feature service is available via our ArcGIS Server providing a REST endpoint so that the polygons drawn by the WeatherOps Forecasters are available for display in mapping applications.

Why DTN?

DTN helps your players and spectators stay safe, while you stay informed of the weather. Keeping tabs on weather can be one less worry than you need when you are focusing on the other demanding aspects of your job. We help you do your job better.