

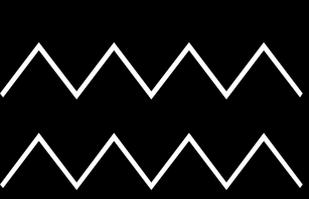


Connect Booth 424

# Critical Weather for Critical Decisions

One fleet saw an **83% improvement** in weather related accidents when they focused on weather.





# Customer Goals?



What is driving you to have a look at weather?



Accident rate



Delivery



Project dependencies



Hours of Service



Scheduling

# High Level Impact



**SAFETY** - Adverse weather contributes to nearly **24%** of all vehicle crashes each year.



**LIABILITY** - Nuclear (10m+) and thermonuclear (100m+) lawsuits are on the rise.



**PRODUCTIVITY** - Visibility hazards like fog are particularly dangerous and impact route compliance.

# Weather Accident Statistics

“The information is quite impressive. It would be very valuable to the investigation and, ultimately the defense of an accident depending on the facts.”

Fleet Defense Attorney



Est \$32.6 billion  
lost due to  
weather-related  
congestion  
annually



24% of accidents  
on snowy, slushy,  
or icy roads



21% of vehicle  
accidents are  
weather related,  
70% cite rain as a  
contributing factor

# Thermonuclear Verdicts



Werner Enterprises -  
**\$90,000,000**



Daimler Truck North  
America - **\$160,000,000**



Wabash - **\$450,000,000**



“In 2024, 135 lawsuits  
against a corporate  
defendant resulted in a  
nuclear verdict.



Court determined the  
semi-truck driver was not  
negligent, but that the  
company was.



[Lawsuit abuse reform](#)  
[ranked No. 2](#) in the 2025  
survey of critical trucking  
issues from (ATRI).

# Why Pay for a Weather Service?

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**Safety:** Drivers feel supported, reduced accidents, improved customer service, improved efficiency.



**Customer ROI:** Improved situational awareness provides real-time decision making.



**Competition** - Being promoted by Samsara and others.



**Features:** Advanced features not available in free service.

# Safety & Compliance Benefits



**Lower Injury & Fatality Risk:** Weather is a factor in ~20–25% of all commercial vehicle crashes. Reducing exposure directly improves driver safety and company reputation.



**DOT Compliance & CSA Score Protection:** Avoid violations from driving in hazardous conditions (e.g., black ice, high winds). Poor CSA scores increase inspection frequency and can lead to out-of-service orders.



**Driver Confidence & Retention:** Drivers feel supported when the company provides real-time, actionable weather alerts, reducing stress and turnover.

# Operational Efficiency Gains

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**Smarter Routing & Dispatch Decisions:** Real-time alerts for micro-scale events (e.g., localized heavy rain, fog, black ice on specific highways) allow rerouting before delays occur.



**Proactive Maintenance Scheduling:** Heavy rain/snow/heat waves accelerate wear on tires, brakes, and engines. Predictive alerts help schedule maintenance to avoid breakdowns.



**Better Load Planning:** Avoid overloading in high winds or wet conditions, reducing rollover risk and tire wear.

# Insurance Chain



Weather tools reduce *environmental* risk.



Telematics & Dashcams reduces *behavioral* risk.



Training reduces *skill-based* risk.



Dashcams prove compliance, or not.



Combined, fleets typically show fewer claims and fewer severe losses

# Quantifiable ROI

**Reduced Accident Costs:** Avg. Weather-related crash \$65,000+  
A 10%, or 1 accident, reduction in weather-related incidents pays for the service for years!

**Fuel Savings from Optimized Routes:** Avoids weather that increases fuel burn by 10–30%.  
A single truck saving 50 gals/mo at \$4/gallon = \$2,400/year per vehicle (same as best in class telematics)

**Lower Insurance Premiums:** Many insurers offer discounts for fleets that use proactive weather risk management.  
Reduce probability of THERMO NUCLEAR VERDICTS

**Decreased Downtime Costs:** One hour of downtime or delays for a truck can cost \$100–\$300 in lost revenue + driver pay.

# Mitigation Strategies (FreightPlus.us)

- **Advanced Weather Monitoring –**
  - Up-to-date information on weather conditions and road closures.
  - Use telematics and GPS systems integrated with weather data to provide live updates to drivers.
- Driver weather training
- Fleet upgrades (traction control, tires, chains, wind speed trailer weights, etc.)
- Supply chain flexibility
- Dynamic route optimization
- Contingency planning

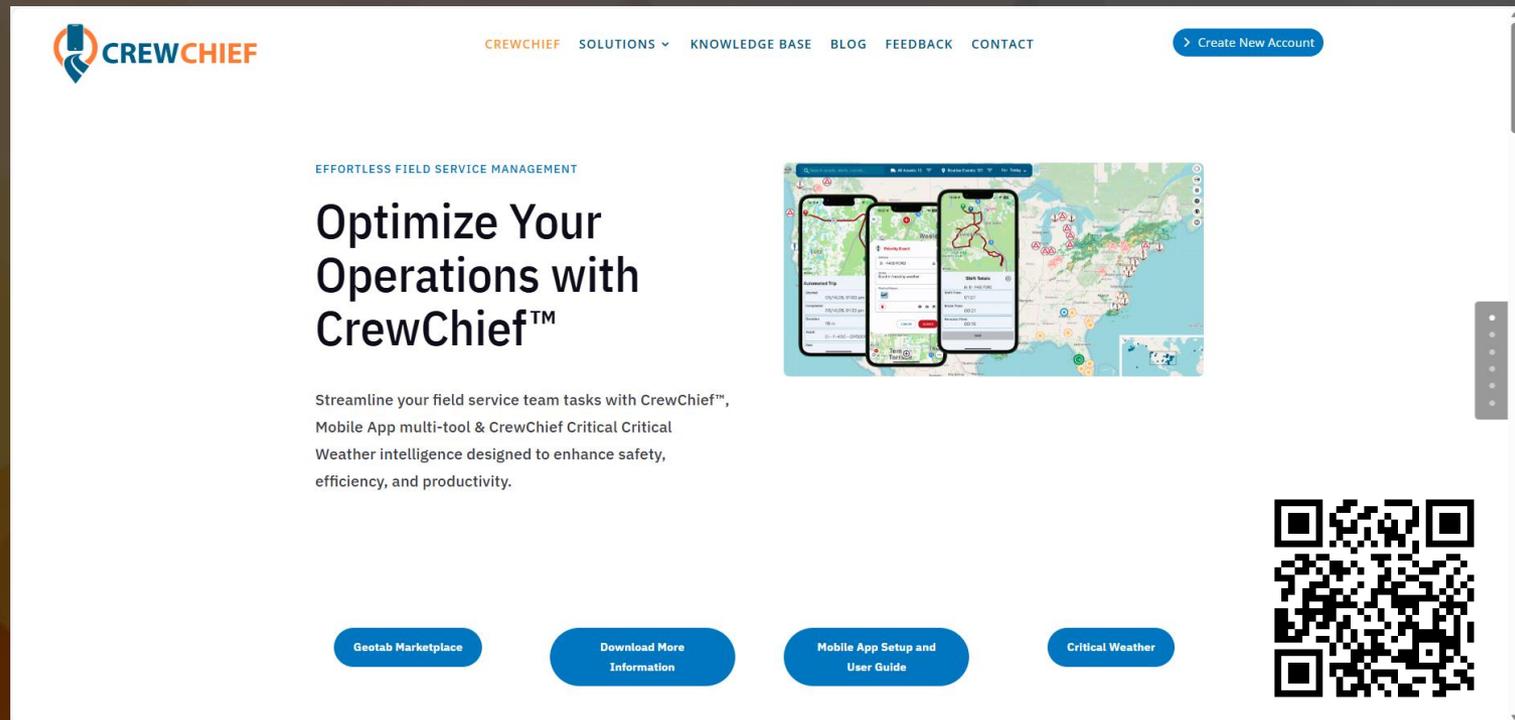


# Measurable ROI Examples

<b>Fleet Size</b>	<b>Integration Level</b>	<b>Estimated Monthly Savings per Truck</b>	<b>Annual Savings (Fleet-Wide)</b>
10 trucks	Basic (alerts only)	\$150–\$300	\$18,000–\$36,000
50 trucks	Full TMS integration	\$300–\$600	\$180,000–\$360,000
200+ trucks	Advanced (dynamic rerouting)	\$500–\$1,000+	\$1.2M–\$2.4M+

# CrewChief.biz

- Information on services
- No information on Fleetistics



The screenshot shows the CrewChief website homepage. At the top left is the CrewChief logo. The navigation menu includes 'CREWCHIEF', 'SOLUTIONS', 'KNOWLEDGE BASE', 'BLOG', 'FEEDBACK', and 'CONTACT'. A 'Create New Account' button is in the top right. The main heading is 'EFFORTLESS FIELD SERVICE MANAGEMENT' followed by 'Optimize Your Operations with CrewChief™'. Below this is a paragraph: 'Streamline your field service team tasks with CrewChief™, Mobile App multi-tool & CrewChief Critical Critical Weather intelligence designed to enhance safety, efficiency, and productivity.' To the right is an image of a smartphone displaying a map with a route and a tablet displaying a list of tasks. At the bottom are four buttons: 'Geotab Marketplace', 'Download More Information', 'Mobile App Setup and User Guide', and 'Critical Weather'. A QR code is in the bottom right corner.

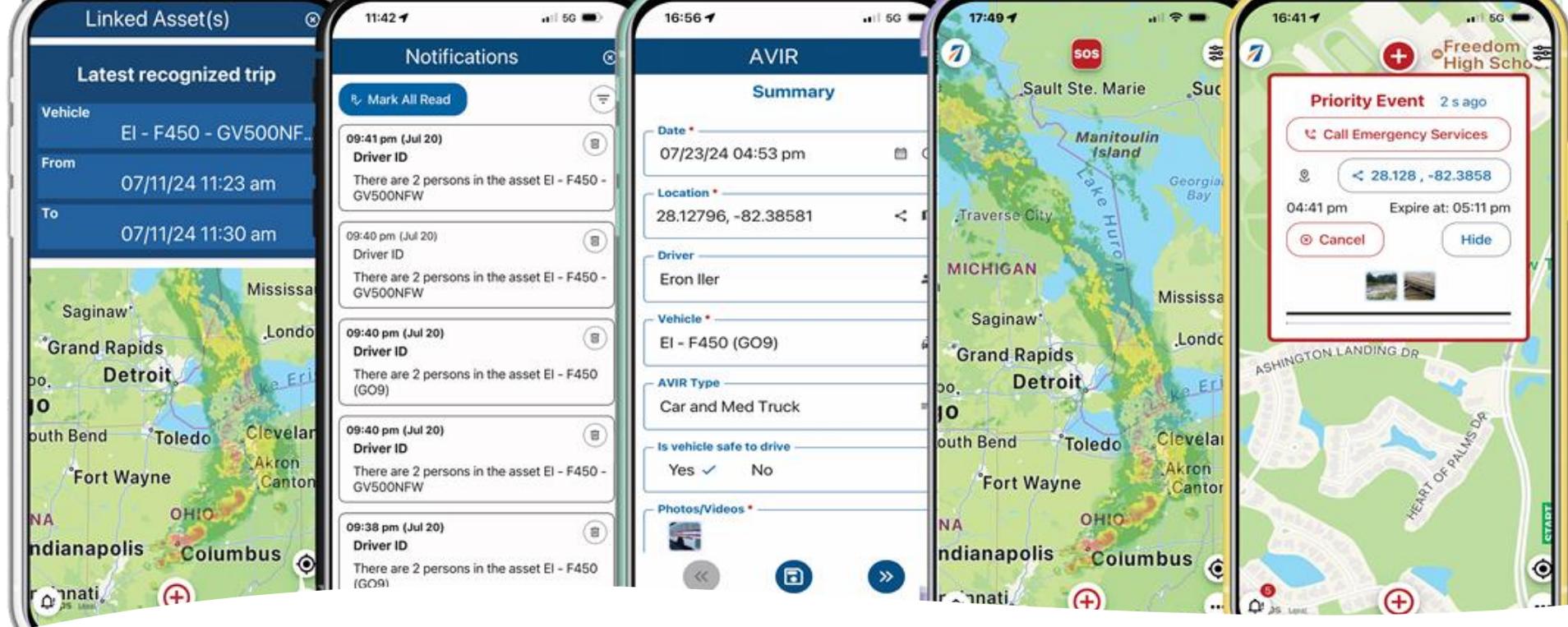
# Two Components to CrewChief

## Critical Weather Intelligence

- MyGeotab
- 10 current weather layers
- 8 forecast layers
- National Weather Service alerts
- Driver alerts
  - Drive
  - Cc Notification Service
    - SMS, Email, App, Voice, Portal, etc.

## Mobile App – Separate Service

- MyGeotab
- Weather alerts
- Time clock
- AVIR
- Off-Road mileage
- Automated Drive ID
- Lone worker SOS
- Waypoints & check-ins
- Accident Report eForm
- Reports in MyGeotab



# CrewChief App Fleet Multi-Tool

*Optional service in Order Now*  
Search for "CrewChief" in the Marketplace

[CrewChief Mobile App Click Here](#)





Geotab  
Marketplace  
Order Now



critical weather

Marketplace > Risk Management > CrewChief Critical Weather



## CrewChief Critical Weather

ORDER NOW

Provided by CrewChief

☆☆☆☆ (0 reviews) [Login to leave a review](#)

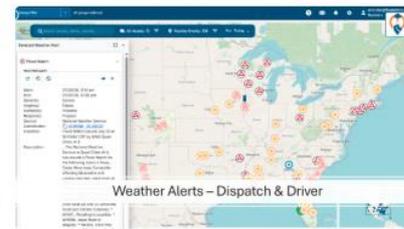
[Overview](#) [Resources](#) [Support](#) [Related Solutions](#)



### Be ready when the weather changes

- Improved safety during severe weather
- Improved weather forecasting
- Customizable weather alerts
- Real-time weather monitoring

Integrated with Geotab Map View



### Weather Alerts – Dispatch & Driver



### Critical Weather Intelligence

#### Real-Time Weather Monitoring

Up-to-the minute weather information to help users track changing conditions, potential hazards, and possible delays.

#### Dynamic Severe Weather Map Layers

Access interactive maps that highlight severe weather events, processing awareness and readiness for emergencies.

#### User-Friendly

Intuitive features provide easy navigation and little training to enable dispatchers to stay ahead of weather issues.

Weather is the #1 variable impacting the on-time, and safe, delivery of products and services. Integrated weather with Geotab location data enables dispatchers to make real-time decisions in ways never before possible. Better decisions improve safety and profitability. Better decisions begin with CrewChief Critical Weather.

## Features And Benefits

- Improve driver and field worker safety
- Make real-time weather decisions
- Protect Hours of Service drive time
- Improve on-time delivery during inclement weather
- Adjust schedules and delivery times

24 - BSJ

ASSET INFO

Last Report: 13 m ago (03:22 pm)

Stopped: 1 h 24 m  
Since 06/12/24 02:11 pm

Last Location:

Engine: No Faults

Asset Battery: ■ Good

Odometer: 180886 mi

Fuel Level: 33%

Device Type: G08



# CREWCHIEF CRITICAL WEATHER

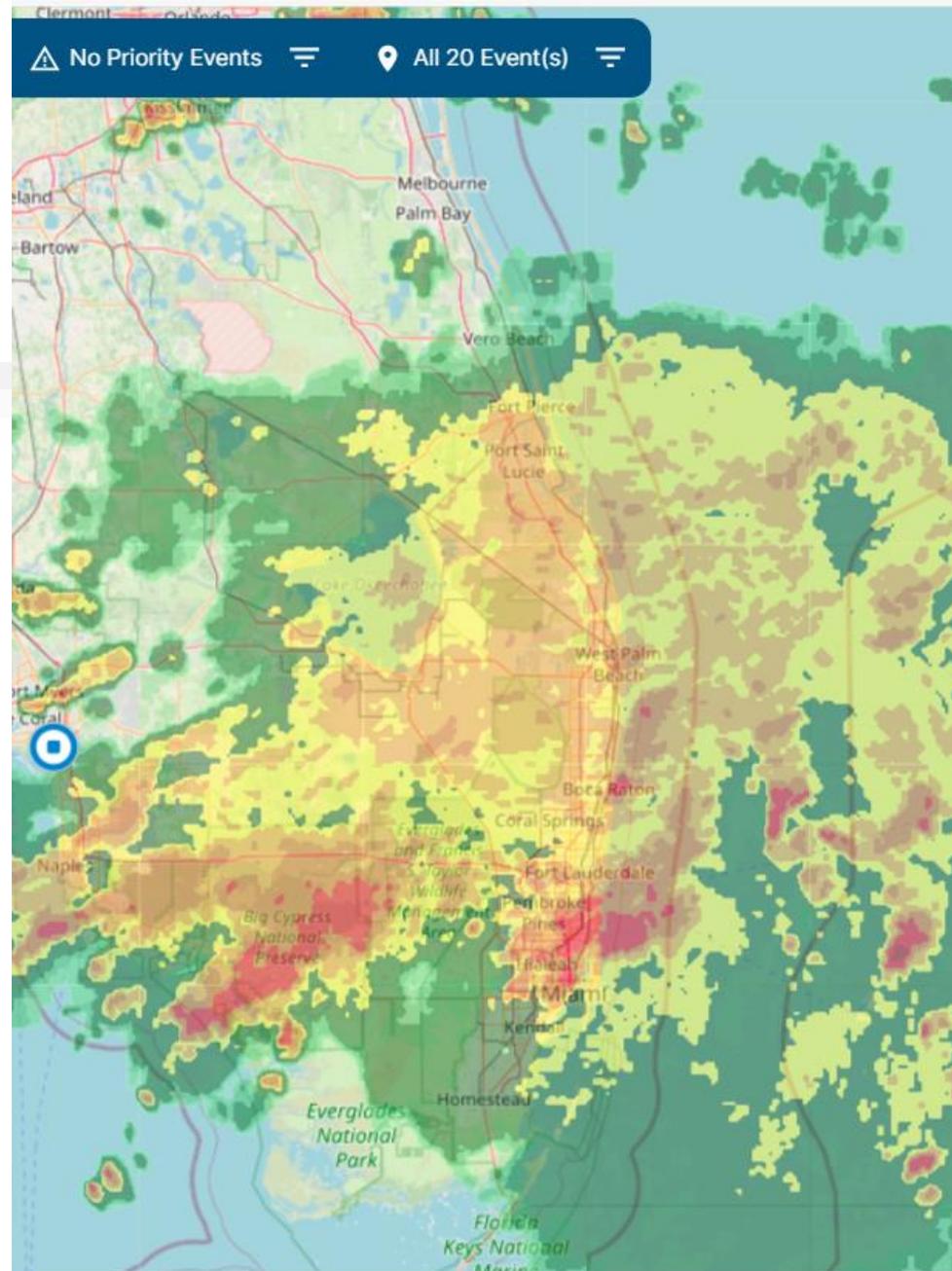
# MYGEOTAB

Critical Weather Add-In

The screenshot displays the myGEOTAB interface. At the top left, the myGEOTAB logo is visible. Below it is a search bar and a navigation menu with options like Dashboard, Assets, Map, and Bookmarks. A sidebar on the left lists various modules: Productivity, Compliance, Safety, Maintenance, Fuel and Energy, Sustainability, People, Add-Ins (highlighted), Add-In Management, Weather, Fleetistics Analytics, and Registration config. The main area shows a map of the United States with weather data overlays. A 'WEATHER KEY' popup is open, showing color-coded indicators for Driver Weather, Road Conditions, and US Radar. A blue box labeled 'Geotab Assets' is overlaid on the map. At the bottom right, there is a QR code. The bottom of the map features a time slider with 'Now', '48 hours', 'Current', and '+96 hours' options.

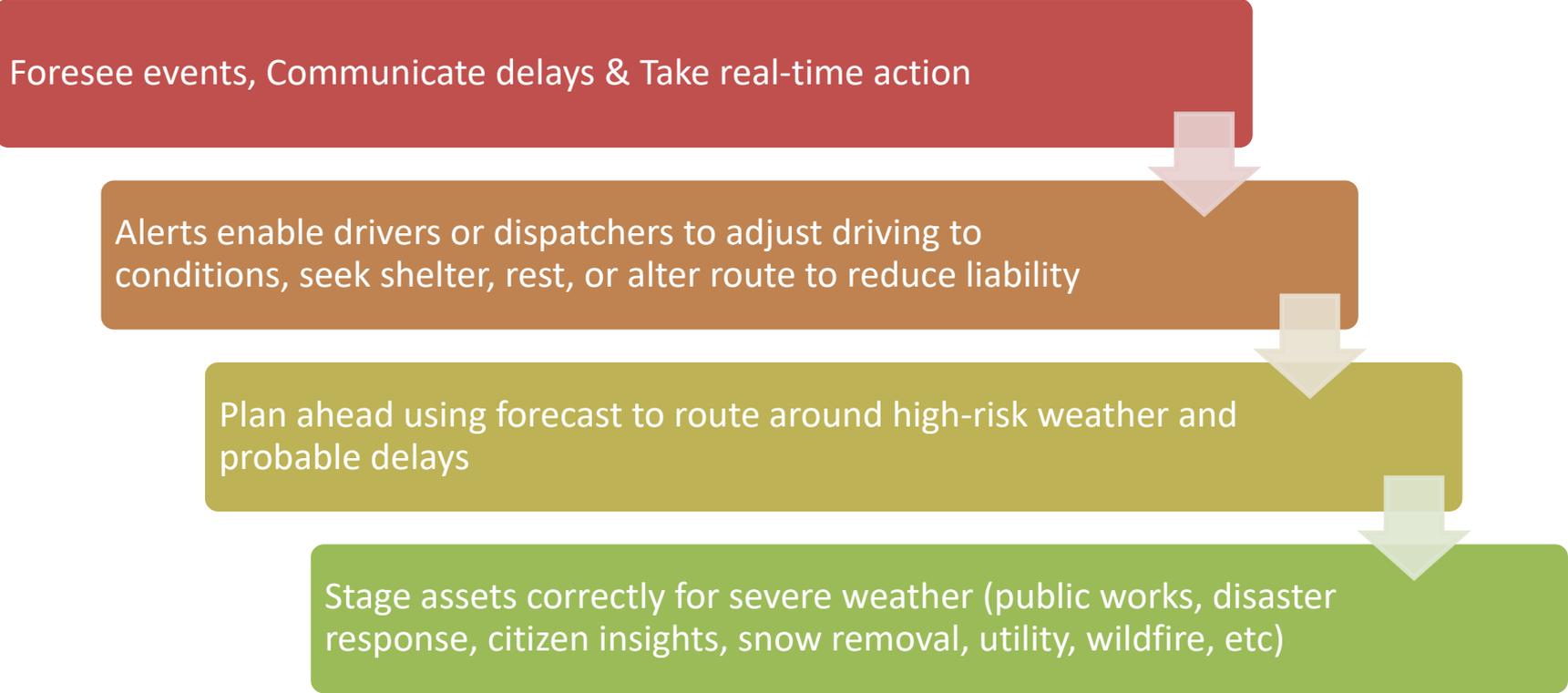
# Situational Awareness

- Dispatchers can view assets, alerts, and weather together
- Ease of use and high visibility reduces errors
- Establish protocols for impending weather intersection between asset and weather event



# Operational Actions

Foresee events, Communicate delays & Take real-time action



Alerts enable drivers or dispatchers to adjust driving to conditions, seek shelter, rest, or alter route to reduce liability

Plan ahead using forecast to route around high-risk weather and probable delays

Stage assets correctly for severe weather (public works, disaster response, citizen insights, snow removal, utility, wildfire, etc)

# Weather Layers

- Choose weather layer(s) to visualize risk
- 10 Current weather layers
- 8 forecast layers

The screenshot shows a user interface for selecting weather layers. It is divided into two main sections: 'WEATHER LAYERS (5 / 10 selected)' and 'FORECAST LAYERS (0 / 11 selected)'. Each layer has a checkbox, an opacity slider (0% to 100%), and a map legend. The 'All US Tropical Spaghetti' layer is selected and has its opacity slider set to approximately 50%. The 'Current Road Conditions' layer is also selected. The 'Forecast Radar' layer has a legend showing a color gradient from green to purple. The 'Forecast Rainfall Accumulation' layer has a legend showing a color gradient from blue to red.

Layer Name	Selected	Opacity	Map Legend
All US Tropical Spaghetti	<input checked="" type="checkbox"/>	~50%	-
Canadian Radar	<input type="checkbox"/>	0%	Green to Red gradient
Current Driver Weather	<input type="checkbox"/>	0%	Red, Pink, Orange, Yellow, Blue gradient
Current Heat Index Temperature Map	<input type="checkbox"/>	0%	Grey to Purple to Blue to Green to Yellow to Red gradient
Current Road Conditions	<input checked="" type="checkbox"/>	0%	Green, Pink, Red, Blue gradient
Current US Tropical Spaghetti	<input type="checkbox"/>	0%	-
Forecast Radar	<input type="checkbox"/>	0%	Green to Purple gradient
Forecast Rainfall Accumulation	<input type="checkbox"/>	0%	Blue to Red gradient

# Weather Alerts

- Geotab Native Map

The screenshot displays the myGEO TAB interface. At the top, there is a search bar and navigation options. The main area shows a map of the United States with various weather alert icons. A pop-up window titled "Selected Weather Alert" is open, displaying details for a "Flood Watch" issued by the National Weather Service in Quad Cities IA IL on July 29 at 10:51 AM CDT. The alert details include start and end times, severity, urgency, certainty, response, source, coordinates, and a description of the affected areas and rivers in Iowa.

**myGEO TAB** Groups filter All groups selected eron.iler@fleetistics.com  
fleetistics

Search assets, alerts, coords... All Assets: 10 Routine Events: 108 For Today

**Selected Weather Alert**

**Flood Watch**

**WEATHER ALERT**

Start: 07/29/25, 11:51 am  
End: 07/30/25, 12:00 pm  
Severity: Severe  
Urgency: Future  
Certainty: Possible  
Response: Prepare  
Source: National Weather Service  
Coordinates: 41.19758, -91.20020  
Headline: Flood Watch issued July 29 at 10:51AM CDT by NWS Quad Cities IA IL

Description: ...The National Weather Service in Quad Cities IA IL has issued a Flood Watch for the following rivers in Iowa... Cedar River near Conesville affecting Muscatine and Louisa Counties. Iowa River at Wapello affecting Louisa County. ...The Flood Watch is extended for the following rivers in Iowa... Wapsipinicon River near De Witt 4S affecting Scott and Clinton Counties. \* WHAT...Flooding is possible. \* WHERE...Iowa River at Wapello. \* WHEN...From this

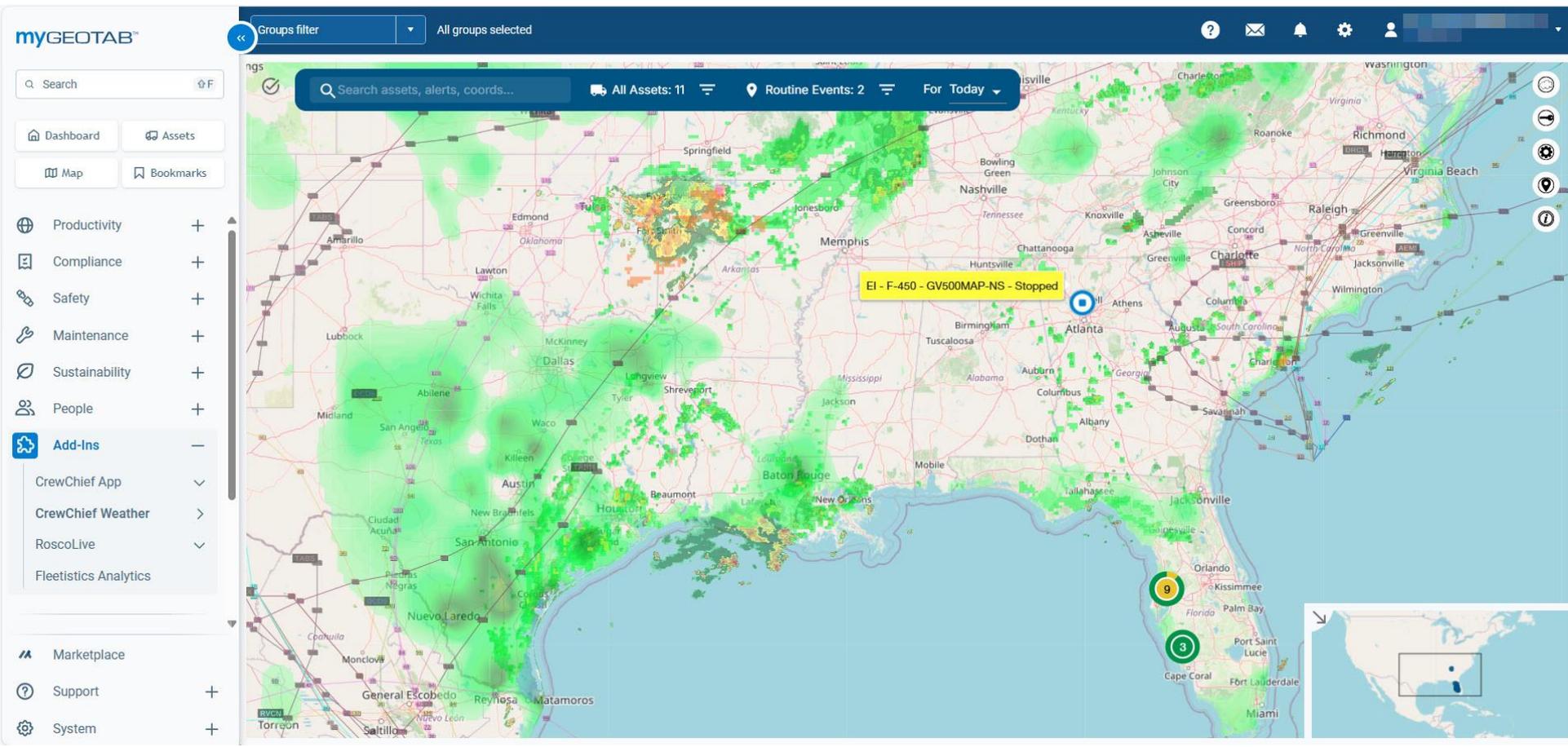
# Road Conditions

- Choose weather layer(s) to visualize risk

The screenshot displays the myGEOTAB software interface. On the left is a navigation sidebar with categories like Productivity, Compliance, Safety, Maintenance, Sustainability, People, Add-Ins, Video Recordings, Reports, Groups & Rules, Marketplace, Support, and System. The main area features a search bar and a map of the United States. A 'Selected Weather Alert' panel is open, showing details for a 'Flash Flood Warning' issued on 10/15/25 at 11:49 am, with a severity of 'Severe' and an urgency of 'Immediate'. The alert is for Salt Lake City, UT, with coordinates 37.26901, -112.91013. The description mentions heavy rain and thunderstorms in the area. A 'Weather Settings' panel is also open, showing a list of weather layers with checkboxes and opacity sliders. The 'Weather Layers' section includes 'All US Tropical Spaghetti', 'Canadian Radar', 'Current Driver Weather', 'Current Heat Index Temperature Map', and 'Forecast Rainfall Accumulation'. The 'Forecast Layers' section includes 'Current US Tropical Spaghetti', 'Forecast Radar', and 'Forecast Rainfall Accumulation'. The map shows various weather layers overlaid, with a red circle and arrow pointing to a specific location in the Salt Lake City area.

# Forecast Models

- Up to 96-hour forecast
- Stage food, water, generators, plows, boats, rescue teams, etc



# Notifications

- Driver notifications that rise above the “noise”

CompanyPNS											Knowledge Base	
Priority Notification Service (PNS)											Add Notification	
On / Off	Event Type	Alert Message	Radius	Email	SMS	Voice	App	Portal	3rd Party	Users	Assets	
<input checked="" type="checkbox"/>	Battery < 11 volts	Battery below 11 volts	No	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 user(s)	3 device(s)	Aux Triggered
<input checked="" type="checkbox"/>	CrewChief Accident Report	Cc Accident Report submitted	No	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 user(s)	All devices	Battery < 11 volts
<input type="checkbox"/>	CrewChief AVIR	Cc Asset & Vehicle Inspection Report (AVIR) submitted	200.0mi	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 user(s)	All devices	CrewChief Accident Report
<input checked="" type="checkbox"/>	CrewChief Priority Event	Cc Priority Event - SOS reported	75.0mi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All users	All devices	CrewChief AVIR
<input checked="" type="checkbox"/>	CrewChief Routine Event	Cc Routine Event reported	No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 user(s)	All devices	CrewChief Priority Event
<input type="checkbox"/>	DriverID. Incompleted trip detected.	Cc Incomplete trip detected	No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All users	All devices	CrewChief Routine Event
<input type="checkbox"/>	DriverID. More than 1 person detected.	Cc Multiple people in one vehicle	No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All users	All devices	CrewChief Test Connectivity
<input checked="" type="checkbox"/>	DriveTRAX		No	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 user(s)	All devices	Deactivated or Removed