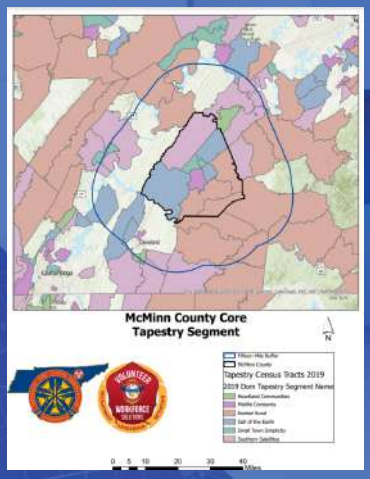
DISASTER RESPONSE

BLUE RASTER

Analysis | Apps | DataViz

Nevada Division of Emergency Management – Preliminary Damage Assessment



International Association of Fire Chiefs (IAFC) - Tapestry Segment Reports

NAPSG Foundation - Symbol Library Tool

Blue Raster helps organizations with disaster response and crisis management GIS support using the power of geospatial intelligence to analyze and visualize innovative solutions create briefings and support operations.

SERVICES AND SKILLS

- Configurable Dashboards, Data Viewers, StoryMaps, Hubs
- Field Mobility – ArcGIS Field Maps, Survey123, Workforce
- Open Data, Data Analysis, Data Processing
- Realtime fleet tracking and analytics
- Web and Mobile Strategy, Interactive Mapping Tools
- Experience Architecting Solutions and Automated Workflows
- Trained by Esri & FEMA on disaster response efforts

Valuable information & analyses for your agency's mission

Open Data, dissemination, processing

Public-facing web maps for applications

Spatial validation of data and records

Monitor, Evaluate and Learn (MEL) from your activities & apps

esri Partner Network Gold

esri State and Local Government Specialty

esri Federal Small Business Specialty

esri ArcGIS Hub Specialty

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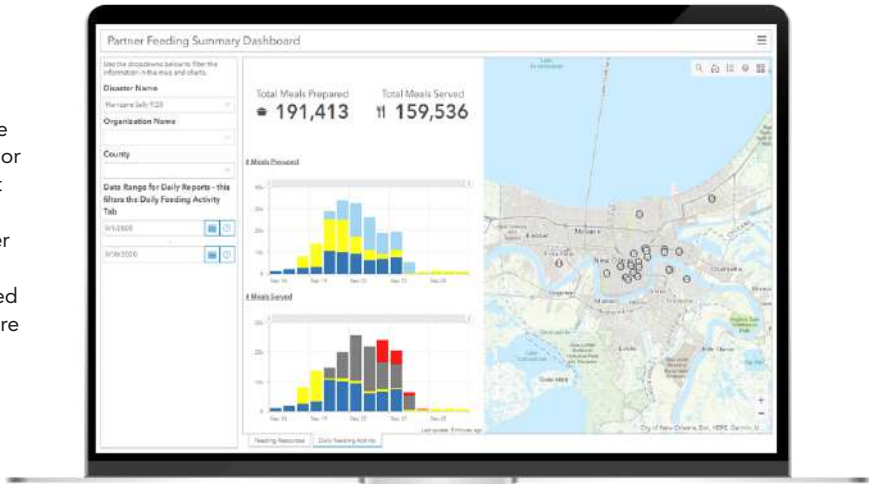
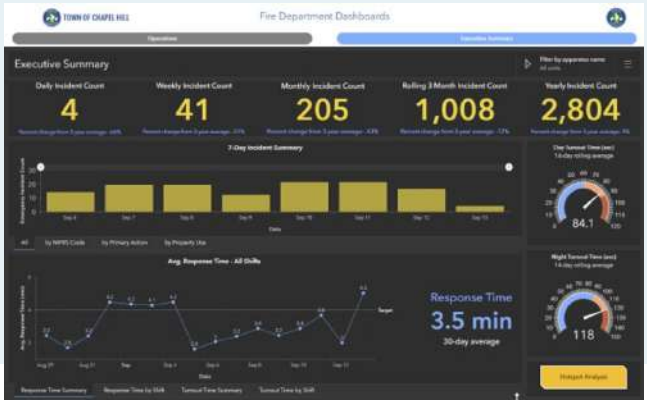
American Red Cross: Disaster Partner Hub

Blue Raster helped build and maintain web map applications hosted in the Disaster Partner Hub that tracked multi-agency feeding efforts during major disaster events, including major hurricanes and major wildfires in the West throughout 2020-2021. Blue Raster also managed the organization of datasets and configuration and troubleshooting of applications for disaster agencies for the following areas: Feeding, Shelter, Damage Assessment, and Call Center data for major disaster events. Lastly, Blue Raster produced Partner Situational Awareness Briefs for over 20 major disasters, which were disseminated to Red Cross personnel and over 50 agencies nationwide.

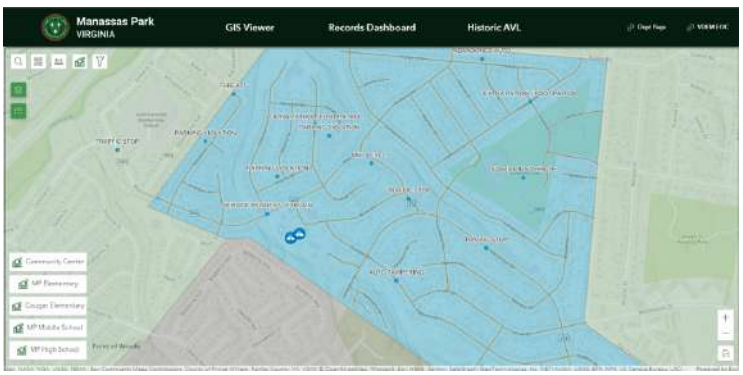




Town of Chapel Hill, North Carolina: Emergency Operations Dashboards

Blue Raster partnered with the Town of Chapel Hill to re-design a suite of Dashboards supporting COVID-19 and hospitalizations, Emergency Operations, Severe Weather, 911 calls, and street conditions. This work recently expanded to the Fire Department to support fire prevention.

- **Supporting and collaborating with multiple internal departments within the disaster response space**
- **Utilized third party APIs for near real-time situational awareness**
- **Visualized shift call data, training status, safety violations, status of equipment, near real-time incident descriptions, incident response and turnout summary statistics, hydrant status, and more**
- **ArcGIS Dashboards and ArcGIS Experience Builder to summarize operational statistics for executive decision-making and ongoing operational awareness**

Manassas Park, Virginia - ArcGIS Velocity

ArcGIS Velocity enables organizations to ingest, enrich, and visualize near real-time data in a comprehensible and meaningful capacity. Blue Raster partnered with the City of Manassas Park to mobilize ArcGIS Velocity and implement AVL tracking in public safety vehicles. Velocity's Big Data Analytics gives users the ability to analyze massive amounts of data without the need for their own on-premises or cloud infrastructure. Data can be interpolated to create a predictive model of things like forest loss, crime hotspots, or future crop yields based on previously collected data. Contextualized within the ArcGIS framework, Manassas Park now has Dashboards and Data Viewers visualizing live data alongside reference GIS data and other critical public facilities information, so decision makers have all information available at any moment.