



**NATIONAL
WEATHER
SERVICE**

NWS Partners Summer Webinar Series

A Change in the Weather: NWS Updates and the 2020 Atlantic Hurricane Season

August 4, 2020



Today's Webinar Agenda

- Welcome and logistics
- Panel Introductions and Remarks
- Open discussion
- Wrap-up



Peyton Robertson
Director
Office of Organizational
Excellence
National Weather Service



Andrea Bleistein
Partner Engagement Lead
Office of Organizational
Excellence
National Weather Service



Webinar Logistics: How to join the discussion!



- If using the phone for audio, please be sure to enter your audio pin. If you did not do it when you called in, type #PIN# into your phone now.



- All lines will remain muted until the open discussion.



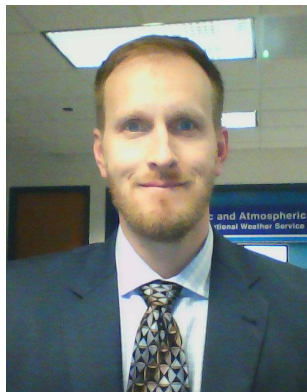
- We are recording the webinar for posting later.



Welcome to our Panelists



Mary Erickson
Deputy Director
National Weather Service



Shawn Smith
Meteorologist / Emergency
Response Specialist
National Weather Service
Operations Center



Michael Manning
President and CEO
Greater Baton Rouge
Food Bank



NWS Updates



Updates

**Dissemination
Infrastructure**



Safety

**Reliable Service Continues
Cautious Phasing of Employees**

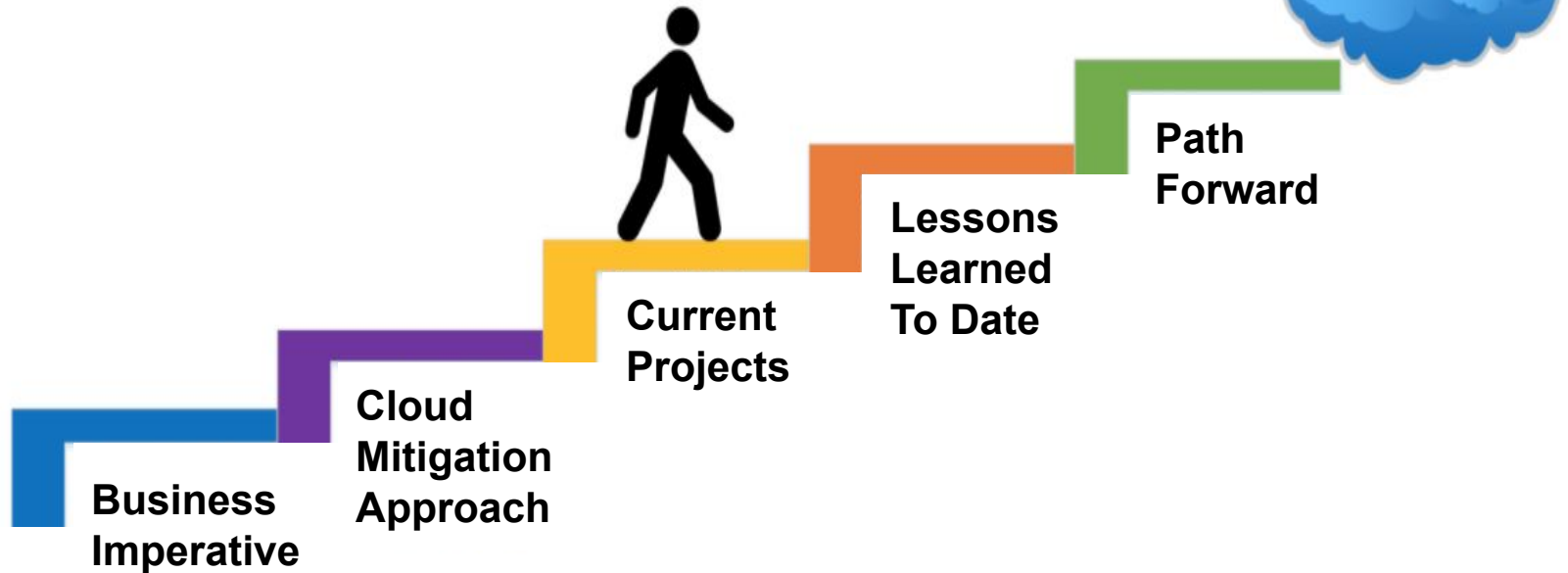


Resilience

**Multi-hazard Events
Thought Process**

NWS Updates: Dissemination

NWS Office of Dissemination – Cautious and Deliberate Steps to the Cloud



Planned NWSChat Improvements

Use approved Congressional reprogrammed funds to:

- Improve the stability and reliability of NWSChat (FY20), and
- Transition it to the NWS private-cloud infrastructure (IDP) in College Park, MD and Boulder, CO (FY21)

Short-Term Goals (FY20)

Stabilize on legacy infrastructure

Enhance Performance

Upgrade System Components

Update “Rules of Behavior”

Medium-Term Goals (FY21)

Execute Software Development Lifecycle

Transition to on-premise private cloud infrastructure

Reduce failover time from 2 hours to 10 minutes

NWS Updates: Infrastructure West Geostationary Satellite



GOES-17 ABI Loop Heat Pipe (LHP) issue:

- GOES-15 imagery will be available from Aug 9 - Sep 3 to mitigate LHP
- Worst GOES-17 imagery will be overnight around Aug 29



GOES West:
Summer Solstice

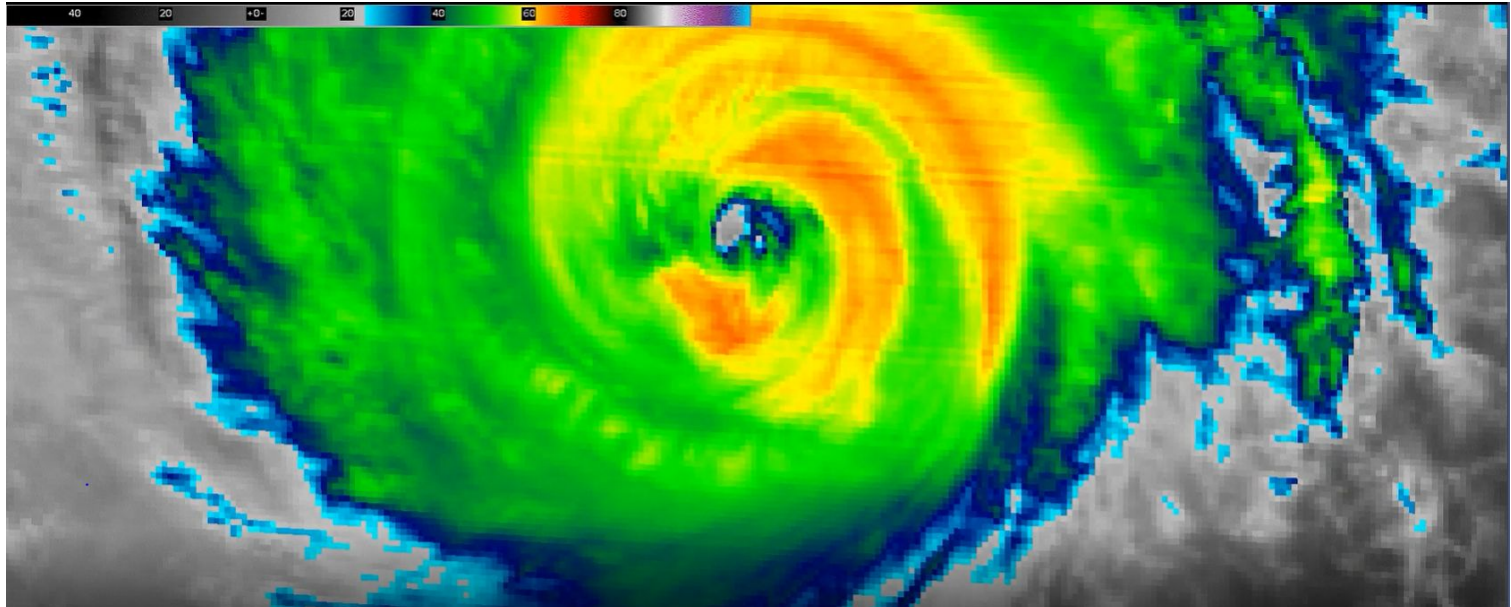


NWS Updates: Infrastructure

West Geostationary Satellite

Evidence of LHP issue during Hurricane Douglas:

- Horizontal banding in imagery



NWS Updates: Reintegration

- **Smart** - driven by science, data, local input
- **Steady** - slow process to ensure stability
- **Flexible** - will adapt to prioritize safety



NWS Corpus Christi prepares for Hanna

**Minimum 14 Day
Phase Progression**

*Details on criteria for and execution
of future phases may be updated as
new information becomes available.*

CRITERIA

**Downward trajectory of COVID symptoms & positive tests. • Adequate PPE to execute NOAA missions safely.
Local hospitals have capacity to treat all patients without crisis care. • No evidence of a rebound in cases.**

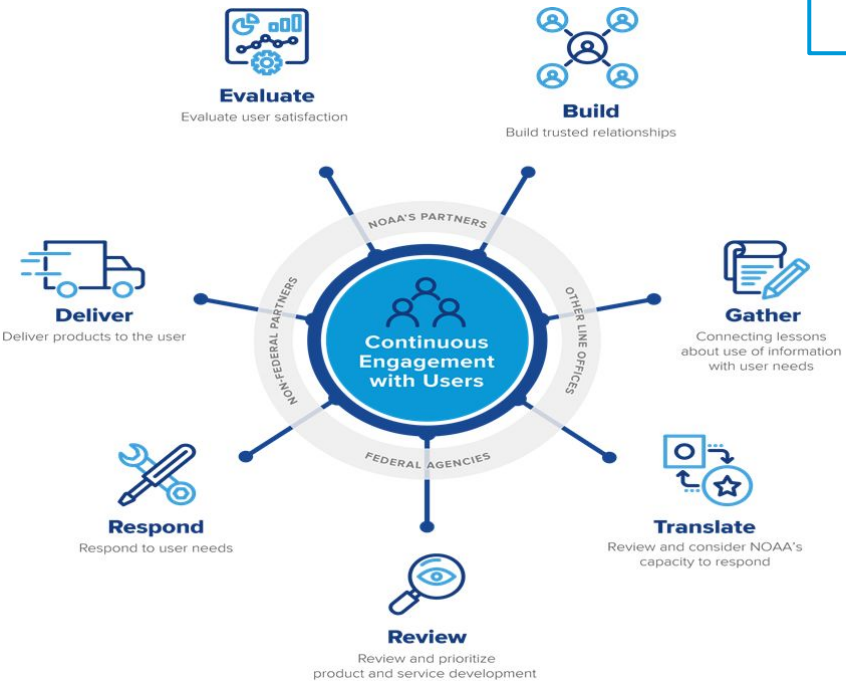
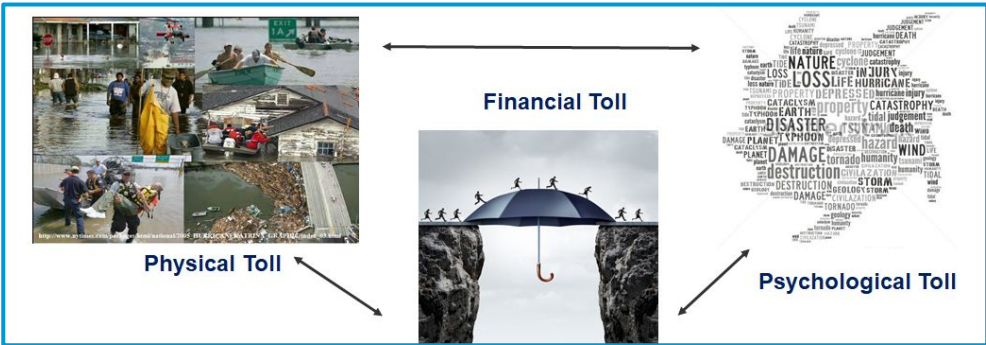
NOAA

Phased Response

MISSION**MISSION ESSENTIAL ACTIVITIES****MISSION CRITICAL ACTIVITIES****SUPPORT ACTIVITIES****ALL ACTIVITIES****HEALTH****FACE COVERING REQUIRED****PHYSICAL DISTANCING****FREQUENT HANDWASHING****POSITIVE CASE FOLLOW-UP****REEVALUATE NEED****REEVALUATE NEED****FACILITIES****RESTRICTED STAFF ACCESS****UP TO 25% OCCUPANCY****UP TO 50% OCCUPANCY****NORMAL OCCUPANCY****NO PUBLIC ACCESS****LIMITED PUBLIC ACCESS****NORMAL PUBLIC ACCESS****COMMON AREAS CLOSED****LIMITED COMMON AREA ACCESS****COMMON AREAS OPEN****TELEWORK****MANDATORY****MAXIMUM****ENCOURAGED
MAXIMUM EXTENT POSSIBLE****ENCOURAGED****TRAVEL****SUSPENDED
EMERGENCIES REQUIRE
DUS and UNSEC APPROVAL****MISSION ESSENTIAL
MISSION CRITICAL
LO/SO APPROVAL REQUIRED****MISSION ESSENTIAL
MISSION CRITICAL****REDUCED TRAVEL****EVENTS****VIRTUAL & REMOTE
ONLY****VIRTUAL & REMOTE
ONLY****VIRTUAL & REMOTE
ONLY****VIRTUAL & REMOTE
WHEN POSSIBLE
REDUCE LARGE GATHERINGS****RETURN TO NORMAL OPERATIONS**

This overall guidance for a phased return to onsite work can vary by location and may evolve based on data from local/state governments and public health officials.

Multi-Hazard Resiliency



Pandemic & Weather:

- What questions do we ask ourselves?
- Critical role of our partners

2020 Atlantic Hurricane Season

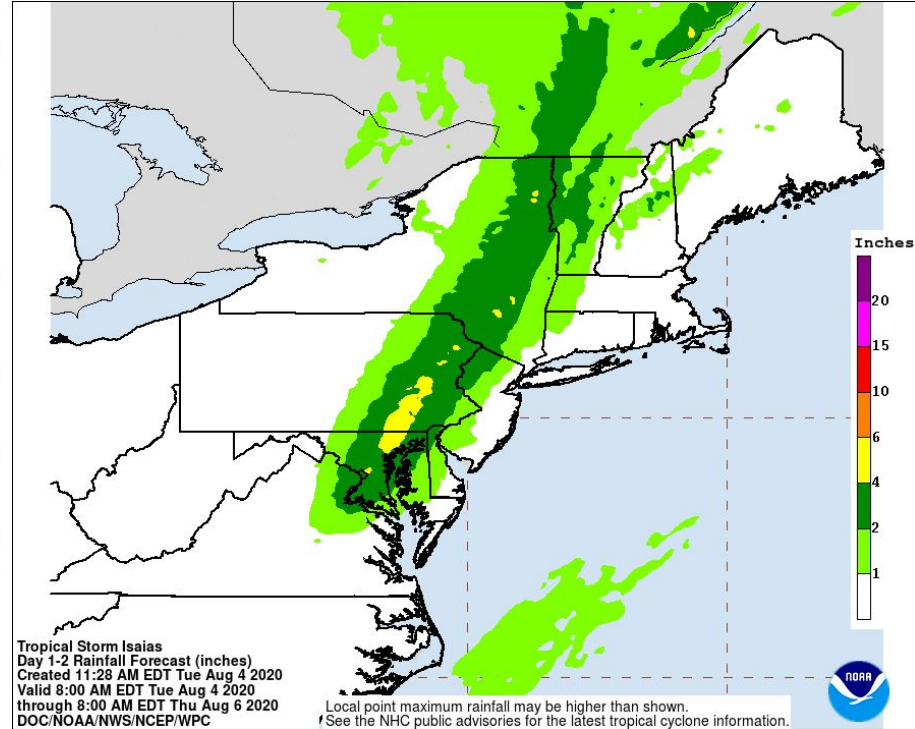
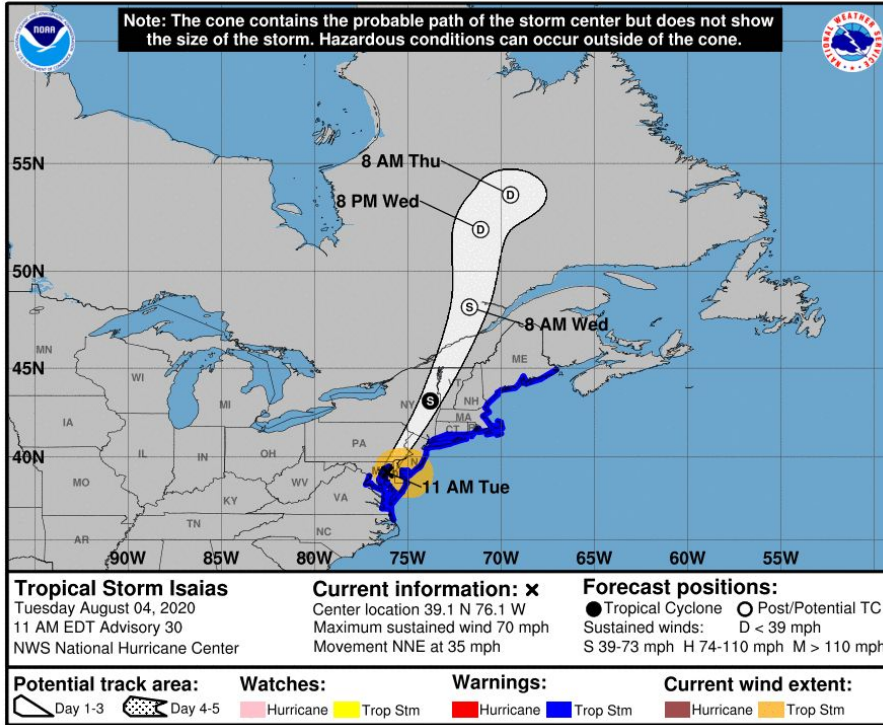


Centers for Disease Control and Prevention

CDC 24/7: Saving Lives, Protecting People™



Tropical Storm Isaias



Michael Manning



GREATER BATON ROUGE

FOOD BANK

MEMBER OF
FEEDING[®]
AMERICA



National
Voluntary Organizations
Active in Disaster



Open Discussion

Please speak up to ask a question. You'll have to unmute yourself. Or use the **question box** or **hand-raise option**. Only 25 lines can be unmuted so if you are not speaking - please keep yourself muted.

If we don't get to you, enter your comment in the "Questions" box or email andrea.bleistein@noaa.gov after the webinar



Wrap Up - What's coming



NWS Summer Webinar Series Dates:

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- 
- 
- August 11, 2020: Managing Operational Risk and the Supply Chain
 - August 18, 2020: Research and Undergraduate Learning
 - August 25, 2020: Trends and Themes for the Workforce



THANK YOU!!