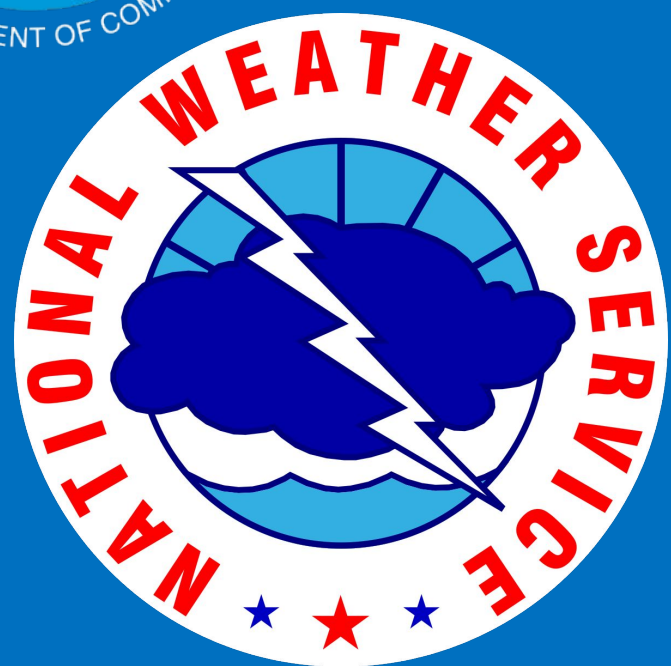
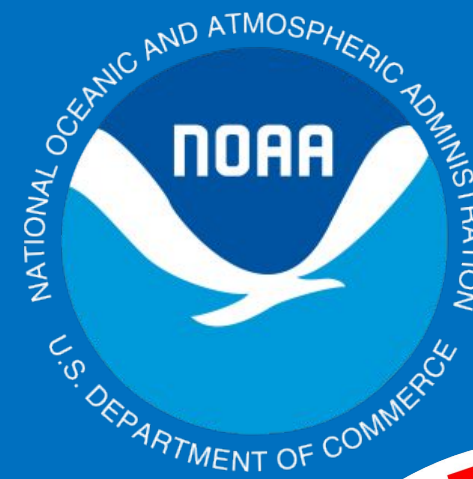




NWS JAX Lunch-and-Learn Series

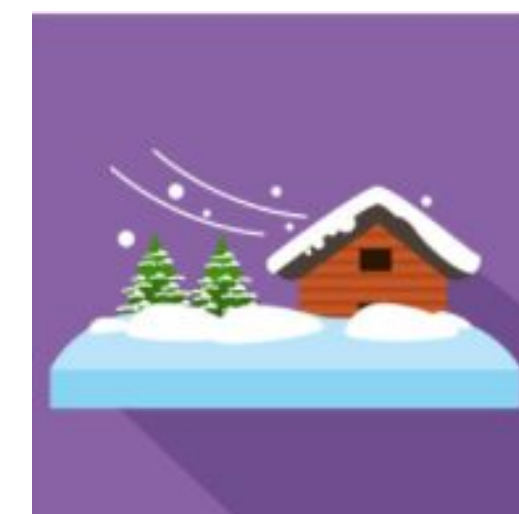
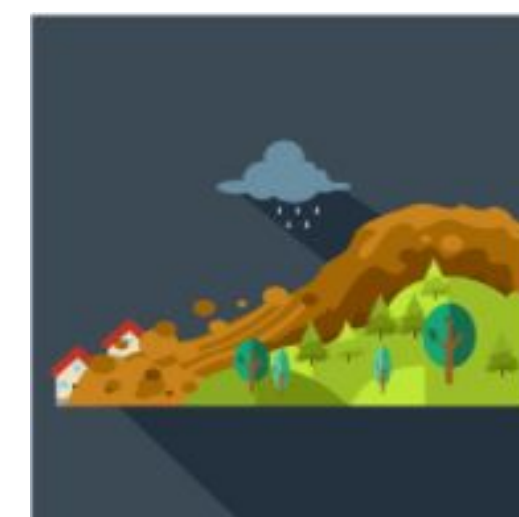
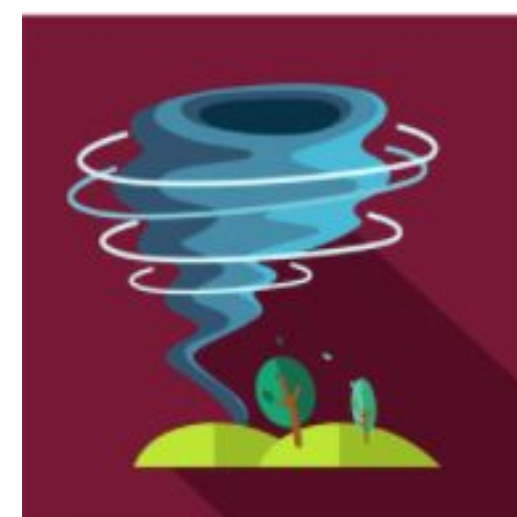
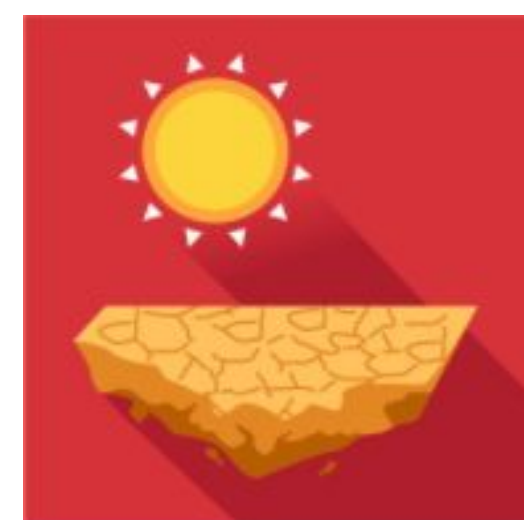
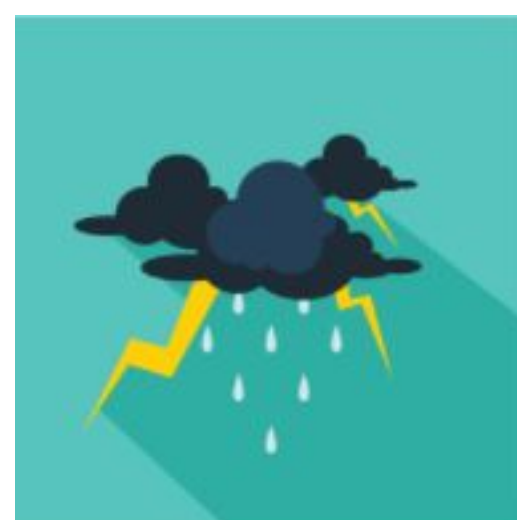
April 2025

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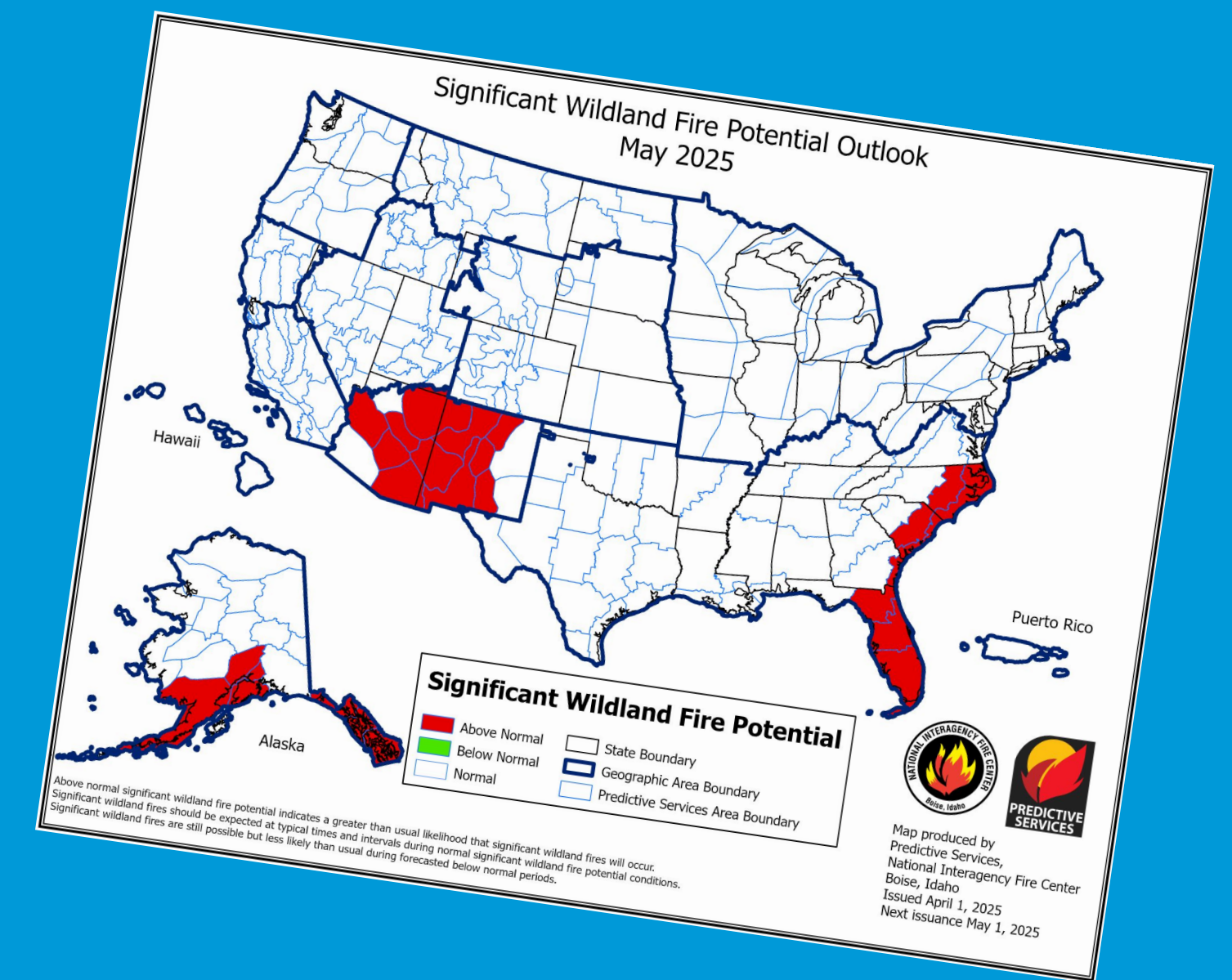




Fire Weather: Basics, Tools, & Outlook

Flood Risk Tools & Products

Climate Trend Tools





Fire Weather: Basics, Tools, & Outlook

Wildfire Ingredients

Weather

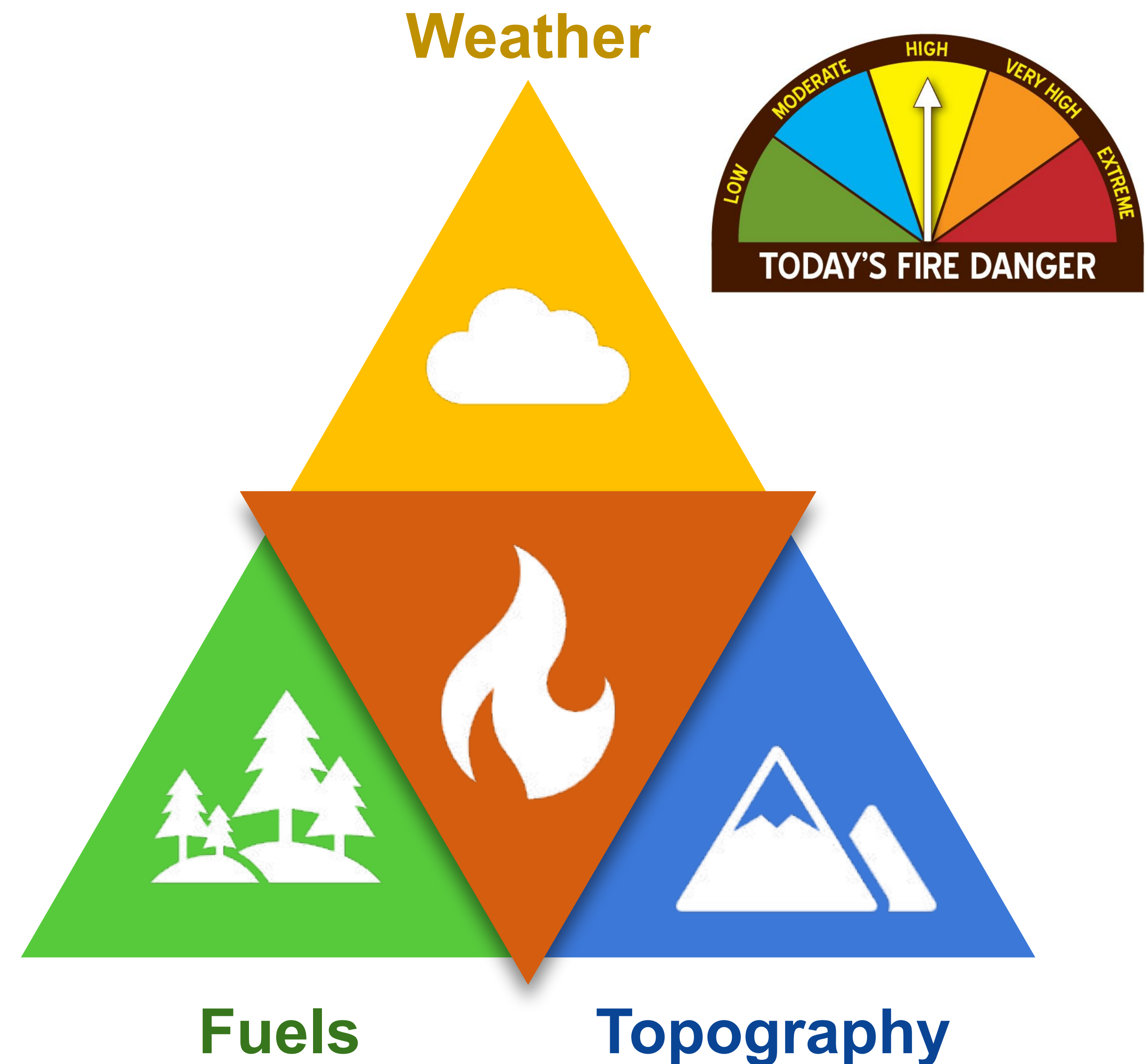
Wind, Humidity, & Instability

Fuels

Types, Dryness, Load, Continuity

Topography

Fuel types, Wind Patterns, Aspects



NATIONAL WEATHER SERVICE

Wildfire “Seasonality”

 **Winter**
[Jan - Feb]

Dry Season

frosts & freeze
events dry out fine
fuels (grasses)
Prescribed Fire
Activity Increases to
control Fuel Loading

 **Spring**
[Mar - May]

Peak Fire Activity

Dry fuels, late season
fronts, Warming Temps

 **Summer**
[Jun - Sep]

Rainy Season

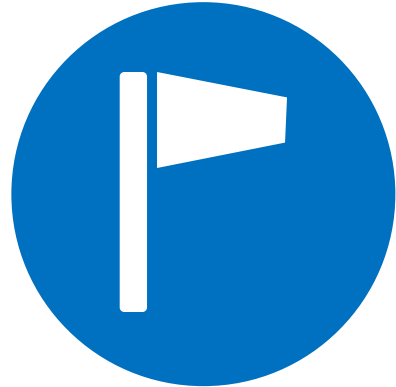
High humidity and daily
thunderstorms reduce
wildfire risk

 **Fall**
[Oct - Dec]

Secondary Peak

If drier than usual
conditions close out
summer, a secondary
peak in fire activity can
occur

Wildfire: Key Weather Variables

-  **High Temperatures** | Dry out fuels quickly and increase in fire intensity
-  **Low Humidity** | Leads to drier fuels and increases the rate of fire spread
-  **Wind** | Drives fire spread, spotting potential (distances), sudden wind direction changes affects firefighter safety
-  **Atmospheric Stability** | Unstable conditions (rising air) helps ventilate fires and can promote extreme fire behavior

Communicating Critical Fire Weather Conditions

1-3+ Days Before

Fire Weather Watch

- Low Humidity, Strong Winds and Receptive Fuels are **LIKELY** to align across an area
- Issued by individual Fire Zones

12-24 hours Before

Red Flag Warnings

- Low Humidity, Strong Winds and Receptive Fuels **EXPECTED**
- Allows lead time for land management agencies to provide mutual aid, pre-position assets, and stage resources



What are the Red Flag thresholds?

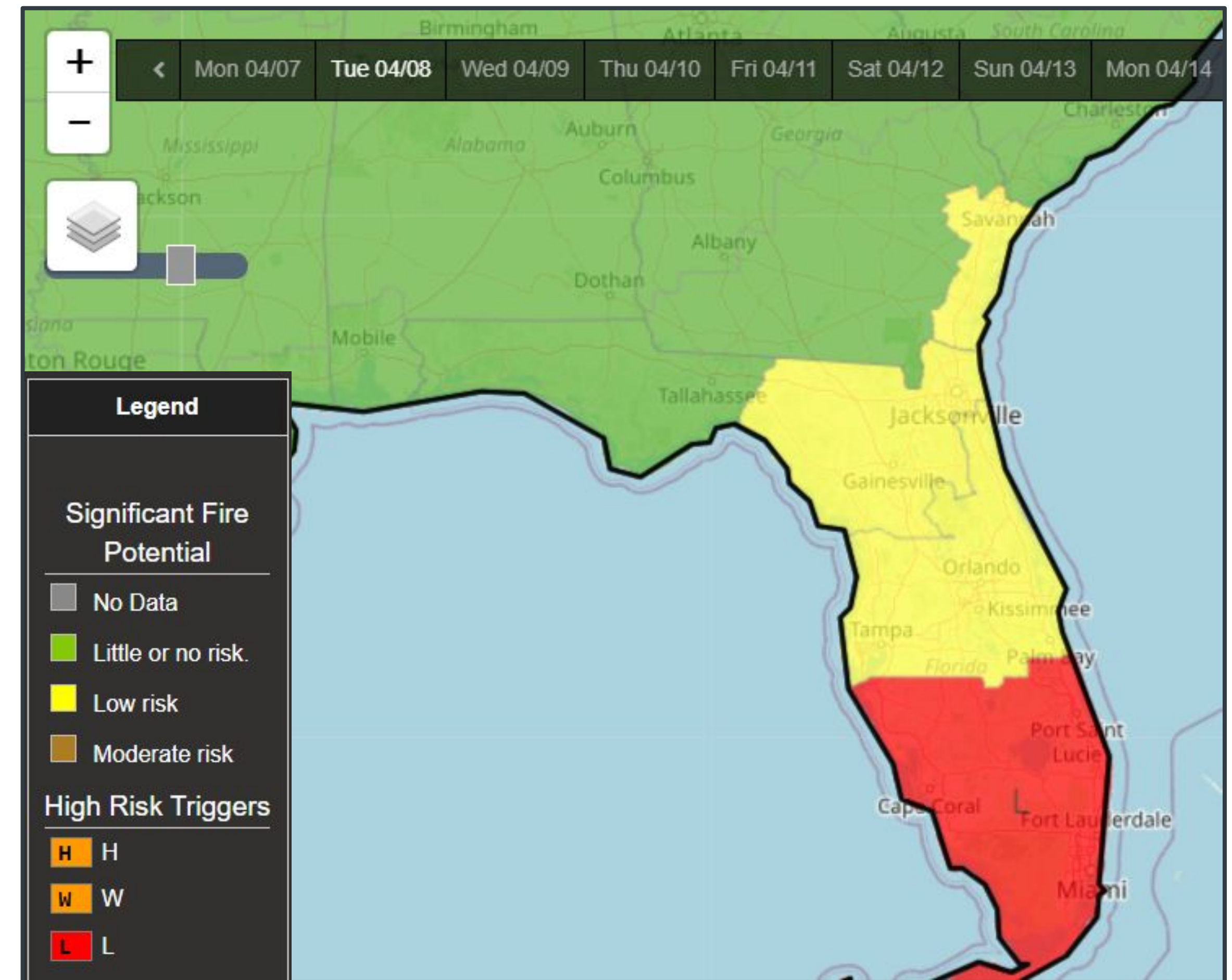
Thresholds Vary Regionally

Southeast GA

- Wind: **15+ MPH or Gusts 25+ mph**
- Humidity: **25% or lower**
- Fuel: **10-hour Fuel Moisture under 6%**

Northeast FL

- Wind: **15+ MPH (gusts not considered)**
- Humidity: **28% or lower**
- Fuel: **Fire Potential “Moderate” or “High” Risk**



Available Fire Weather Intelligence (at your disposal)

Fire Weather Hub

NWS Jacksonville Fire Weather Support

Immediate Support

NWS JAX Operations
904-741-4370 extension 1

NWSChat2.0 Interface
#wfo-jacksonville-fl
About [NWSChat2.0](#)

NWS JAX Fire Forecasts

[Fire Weather Forecast](#)

[SPOT Forecast Request](#)

[Fire Weather Dashboard](#)

[Fire Weather Watch & Warning](#)

[Fire Danger Rating Input](#)

[Point Forecasts for RAWs](#)

[Weather Activity Planner](#)

[NWS Jacksonville Briefing](#)

Forest Point Forecasts

[Osceola NF \(Big Gum Swamp\)](#)

[Ocala NF \(West Lake George\)](#)

[Cumberland Island NS \(High Pt\)](#)

[Okefenokee NWR \(Jones Island\)](#)

[Guana River WMA \(Pine Island\)](#)

[Jennings Forest \(Deep Creek\)](#)

Guidance & Support

State & Federal Agency Links

[Florida Annual Operating Plan](#)

[Florida Forest Service Fire Weather](#)

[Georgia Annual Operating Plan](#)

[Georgia Forestry Commission Fire Weather](#)

[National Interagency Coordination Center](#)

[Southern Area Coordination Center](#)

[InciWeb - Incident Specific Info](#)

Fire Weather Tools

[Drought Monitor](#)

[HRRR Smoke Model](#)

[Surface Observations](#)

[JAX Fire Weather "Snooper"](#)

[Fire Mapping](#)

[Forest Service 7-Day Significant Fire Potential](#)



<https://www.weather.gov/jax/fire>
Forecasts, Guidance, Fuel, and Outlook intel

Fire Weather Dashboard

Penney Farms, FL Weekly Summary

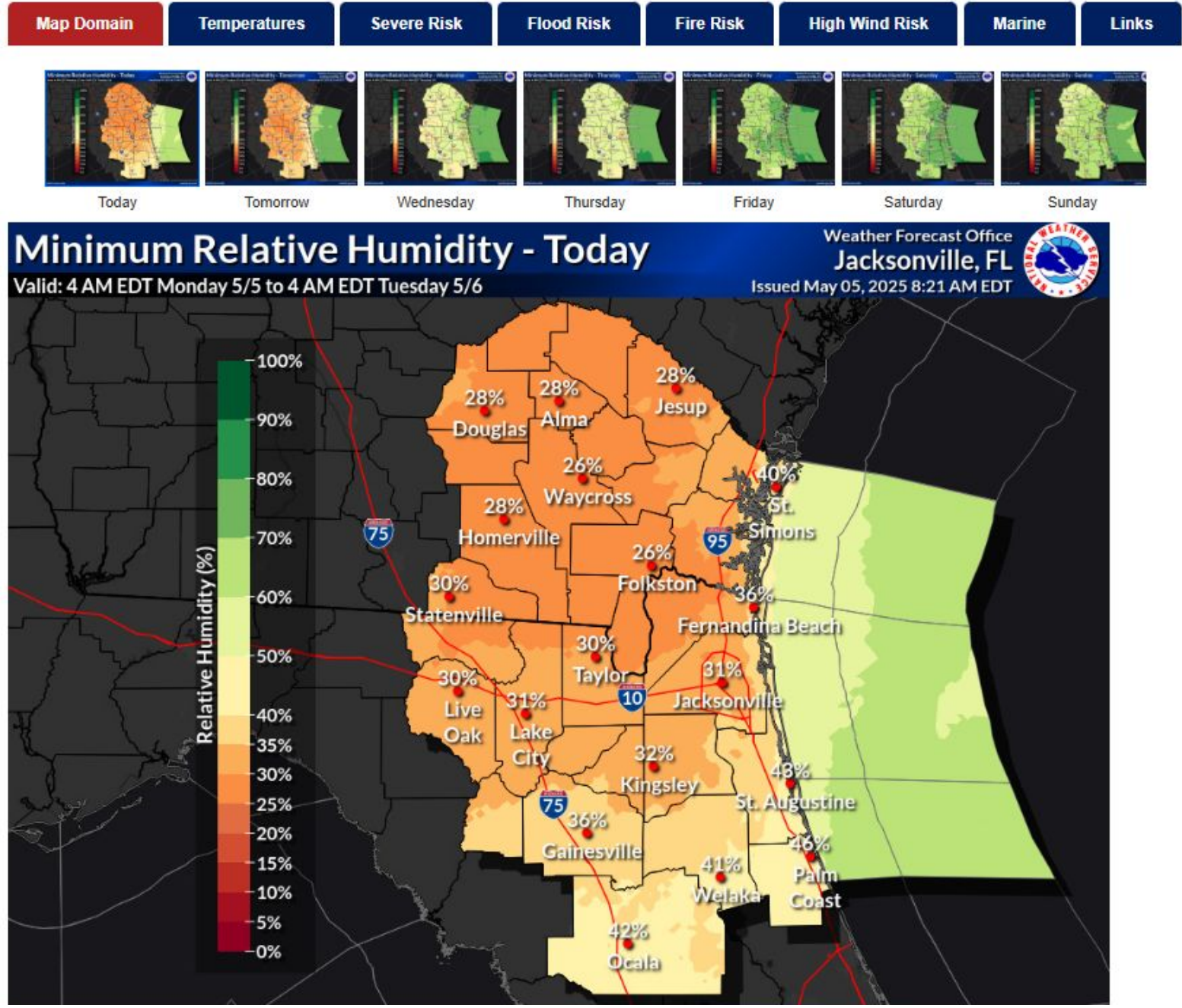
Download Weekly Summary as PNG

	Tue Apr 8	Wed Apr 9	Thu Apr 10	Fri Apr 11	Sat Apr 12	Sun Apr 13	Mon Apr 14	Tue Apr 15
Max Temp, °F	76	76	79	79	73	76	84	88
Min Temp, °F	58	52	55	57	53	48	49	56
Max RH, %	83	93	100	93	83	77	96	90
Min RH, %	34	37	49	45	35	32	30	31
Max Dewpoint, °F	53	55	60	59	54	48	52	58
Min Dewpoint, °F	45	48	54	55	42	41	47	51
Max Wind, mph	9	16	6	13	10	6	5	8
Min Wind, mph	3	3	2	2	5	2	1	2
Max Wind Gust, time/dir.	5 PM ↘	4 PM ↘	12 AM ↗	3 PM ↗	2 PM ↗	10 AM ↘	2 PM ↗	4 PM ↗
Max Wind Gust, mph	14	18	10	20	16	9	7	13
Min Wind Gust, mph	6	6	3	3	7	3	2	3
Max Cloud Cover, %	44	42	25	45	22	6	8	19
Min Cloud Cover, %	10	6	13	9	2	0	1	6
Max Prob. of Precip., %	0	2	6	39	3	0	1	2
Max LAL	1	1	1					
Max Mixing Height, ft	4700	5800	6100					
Min Mixing Height, ft	450	400	400					
Max Ventilation Rate, kt-ft	33	58	47					
Min Ventilation Rate, kt-ft	3	3	3					
Max LVORI	5	6	8					



<https://www.weather.gov/jax/fire>
Located under Fire Weather Support

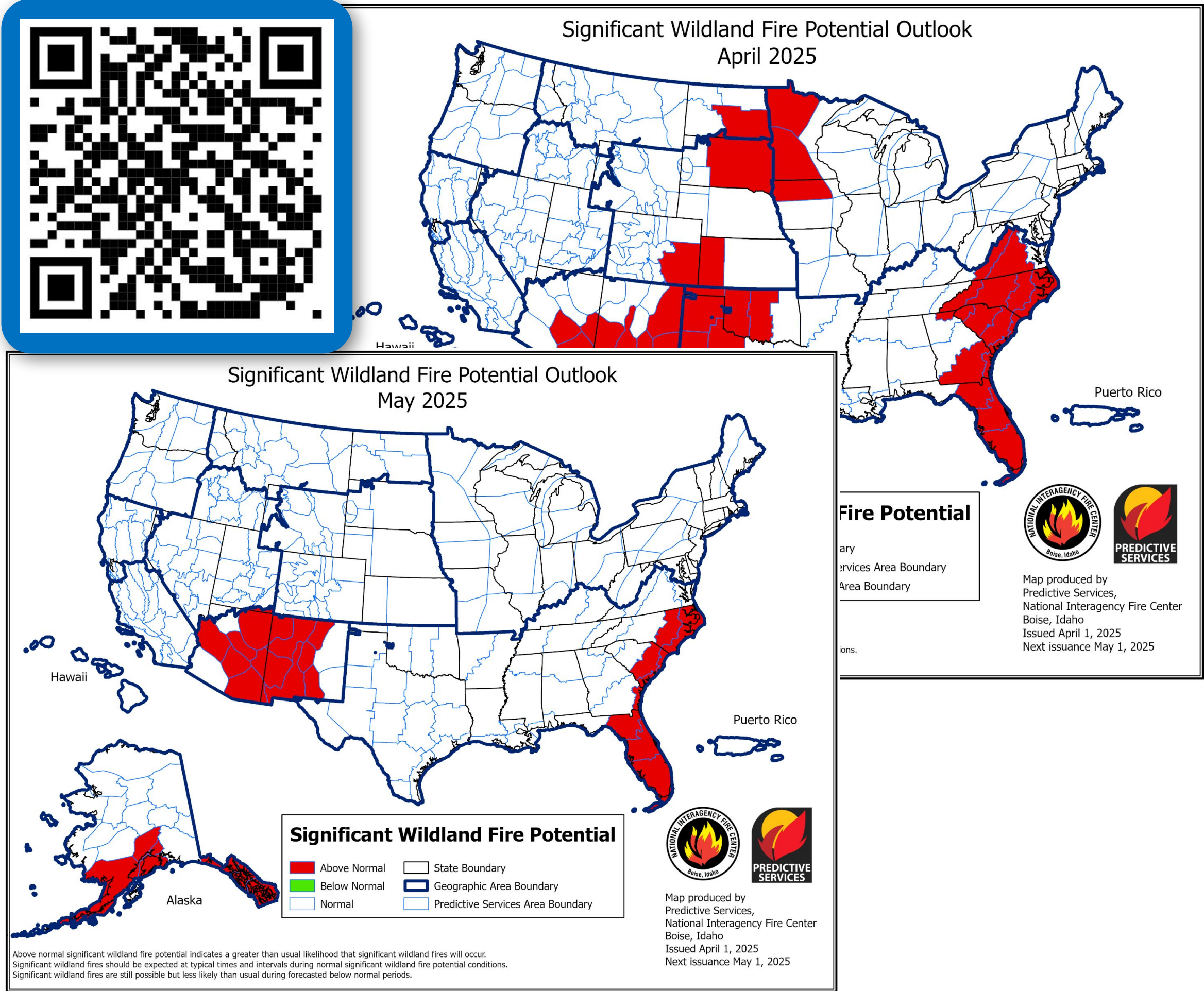
Probabilistic Fire Weather Intel



<https://www.weather.gov/jax/graphics>
Assess Wind and Low Humidity Chance



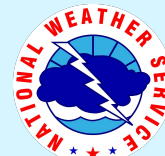
Outlook This Fire Season



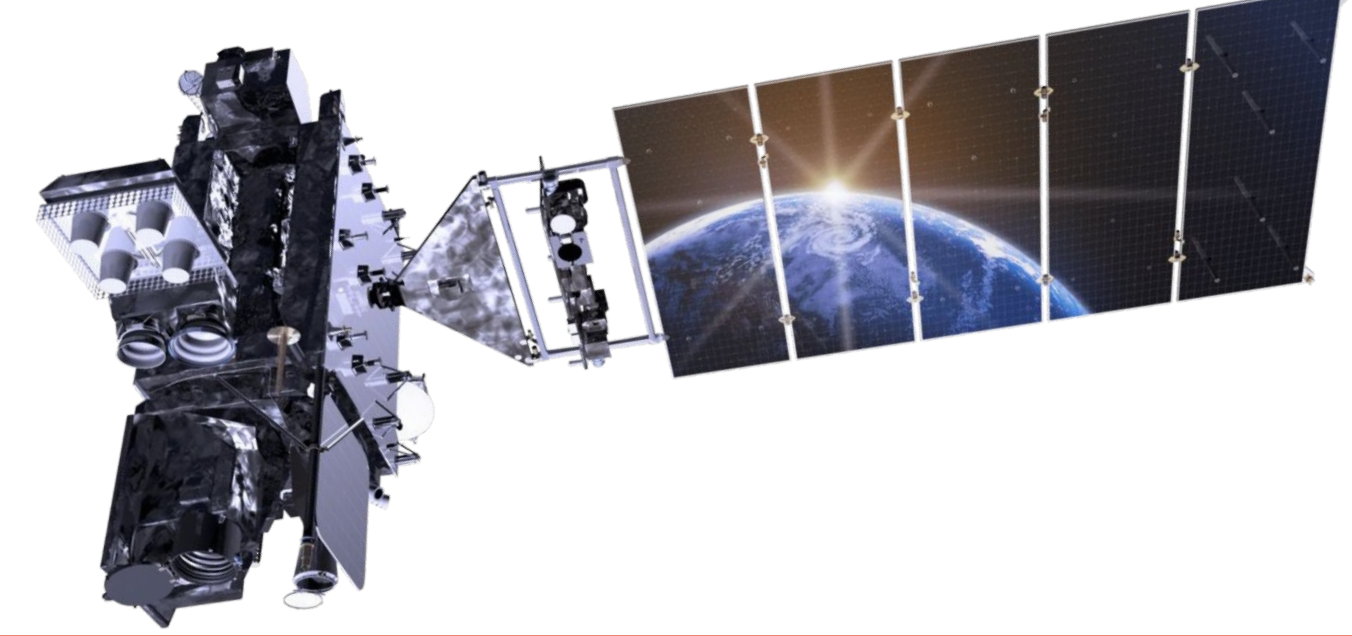
Areas of Moderate to Severe Drought will prolong Significant Wildfire Risk through May across Florida

Drought stricken areas are unlikely to improve through Spring, resulting dry fuels.

Improving drought in June/July will reduce wildfire risk



What's the Future Hold?



Communication Efforts

Red Flag Warnings may become a tiered product to emphasize “Particularly Dangerous Situations” & Improve Communication during more extreme events by providing actionable information



Satellite Fire Detection

Next Generation Weather Satellites (GeoXO) will dramatically improve detection of wildfires and predict movement more quickly



Fire Warnings

Detection improvements with the current satellite system has lead to experimental polygon-based warnings



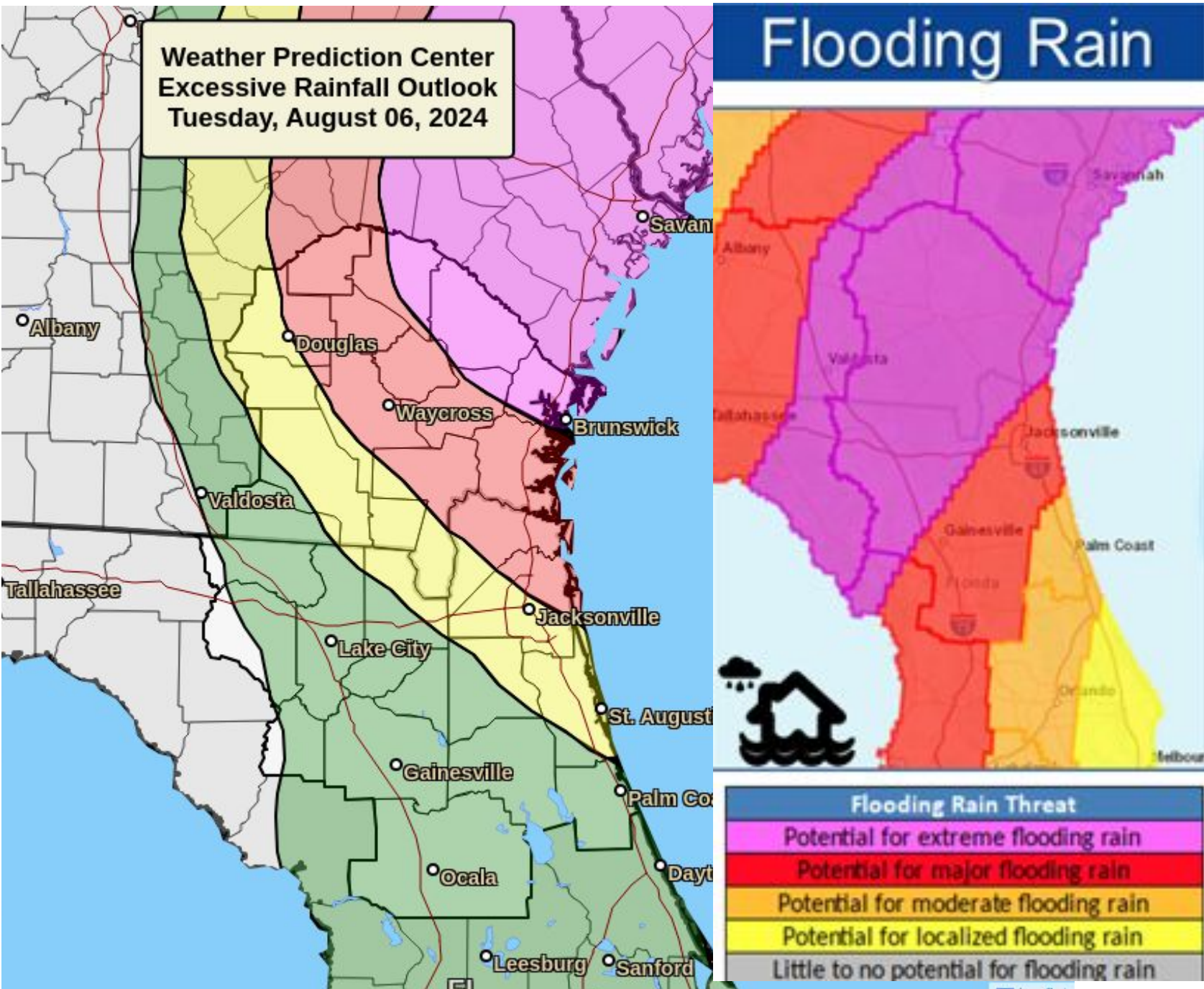


Flood Risk Tools & Products

Communicating Flooding Rainfall Risk

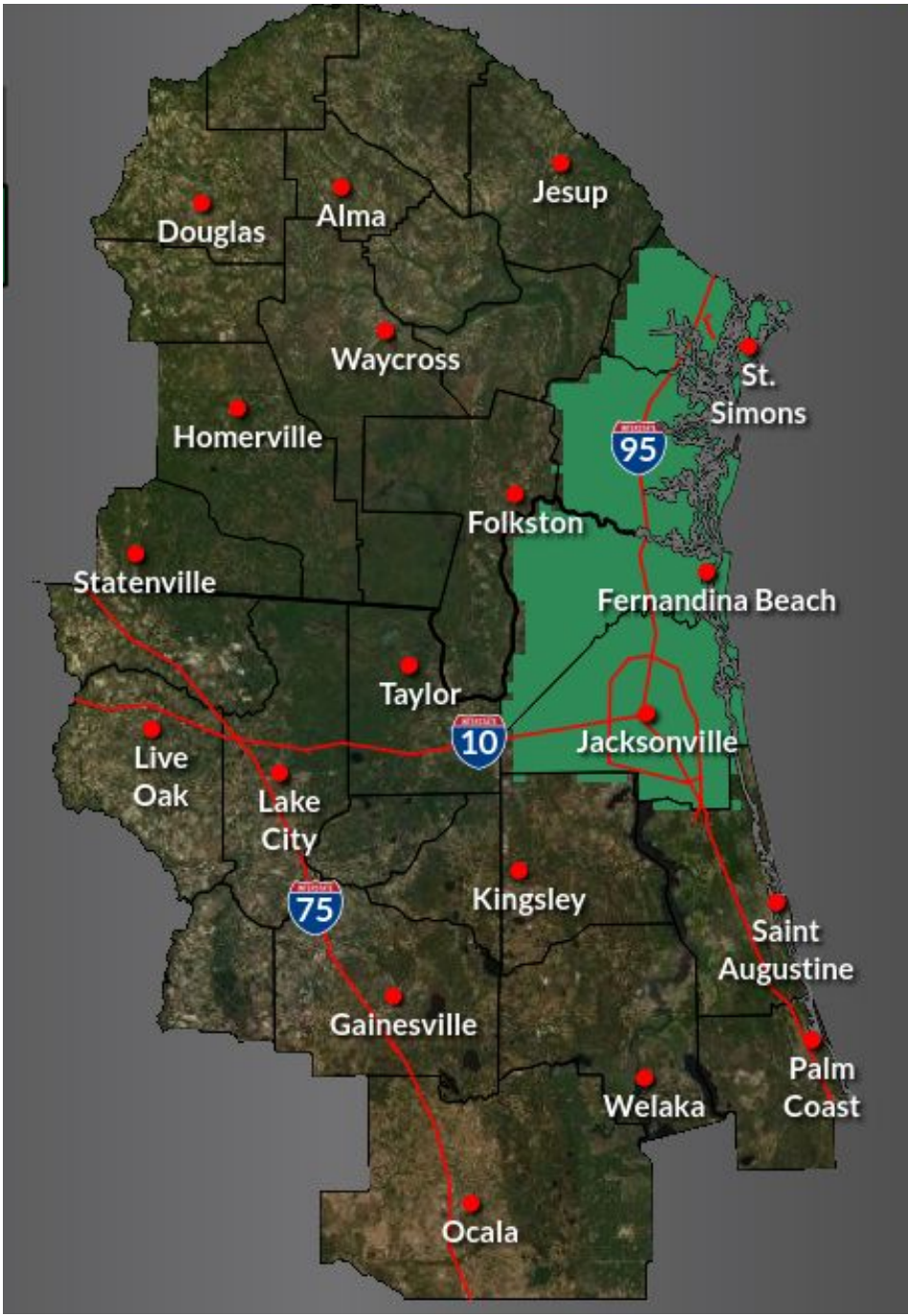
Days in Advance

Excessive Rainfall Outlooks



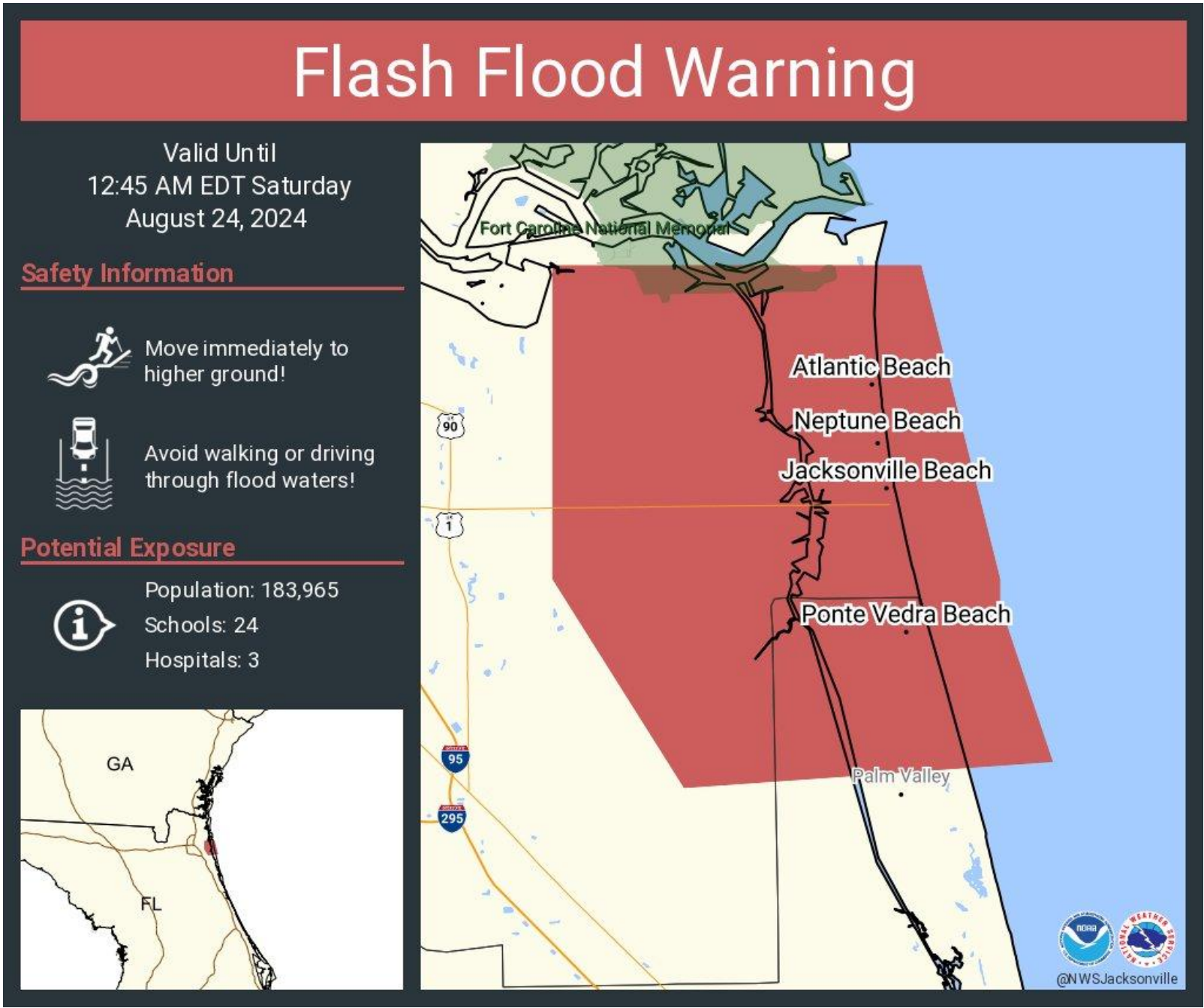
1-2 Days in Advance

Flood Watches



Imminent Flooding

Flood Warnings

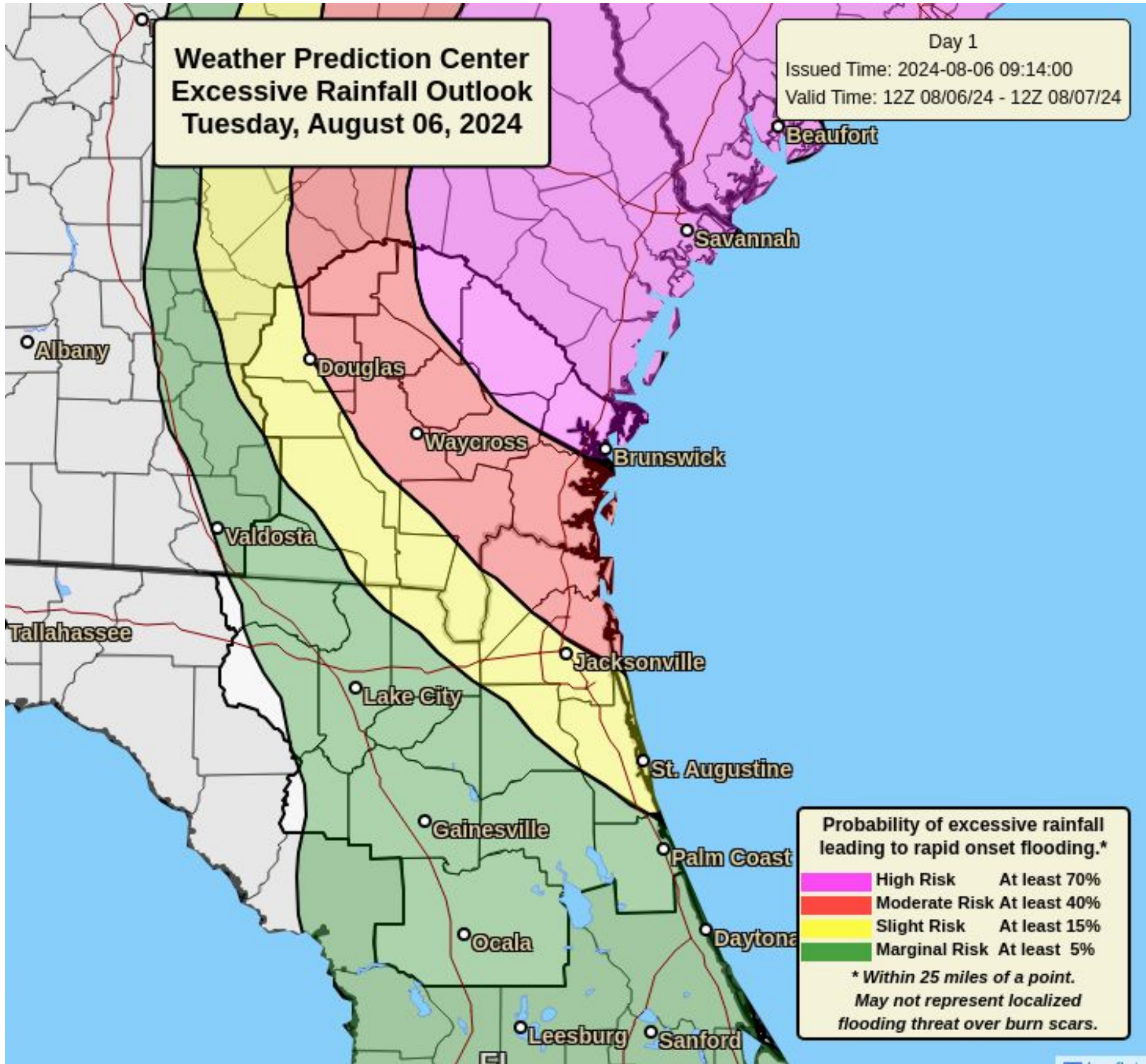
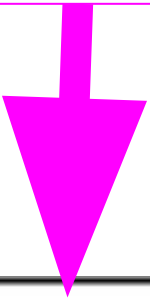
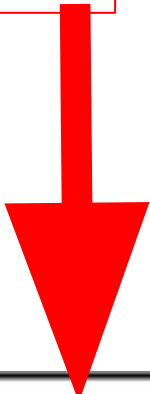


Excessive Rainfall Outlooks

<https://www.wpc.ncep.noaa.gov>

Only issued 19 times for NWS JAX area over past 8 years

Only issued 6 times for NWS JAX area over past 8 years (all for Tropical Cyclones)



Understanding WPC Excessive Rainfall Risk Categories				
No Area/Label	MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.	Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
	Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.
www.wpc.ncep.noaa.gov @NWSWPC				
Flash flooding near me?	Flash Flooding			
	NO Flash Flooding			
 				
WEATHER PREDICTION CENTER				



Flood Products

Product	Meaning & Issuance Timing	WEA Activation
Flood Advisory	- Elevated stream flow, ponding water, rainfall accumulation warrants public attention – nuisance flooding - Imminent hazard	NO
Flood Watch	- Elevated confidence of Flash Flood Guidance being exceeded - Issued hours to days in advance of threat – confidence driven	NO
Flood Warning	- Rainfall flooding imminent or expected with a more gradual accumulation of flood water that threatens property - Flooding imminent ☐ seek elevated shelter immediately	NO



Flash Flood Warnings

BASE
No WEA



CONSIDERABLE
WEA
1-2 Rescues

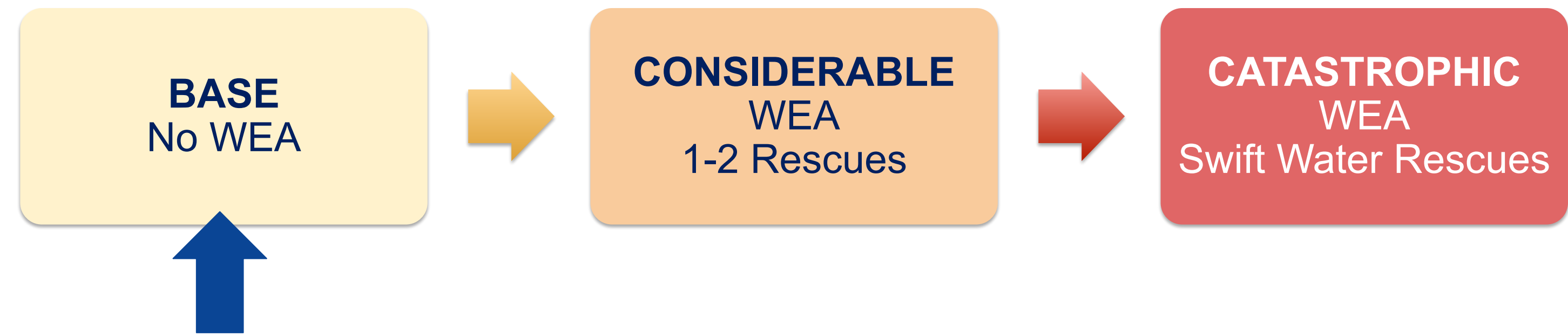


CATASTROPHIC
WEA
Swift Water Rescues

- Fast accumulation of water that threatens life & property
- Seek elevated shelter immediately
- Warning forecaster assigns flash flood severity - Coordination with emergency responders needed



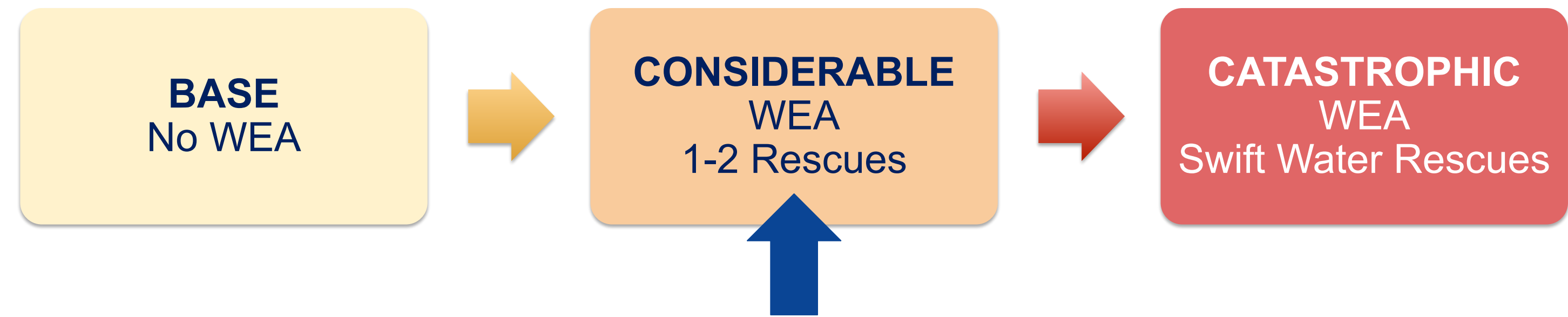
Flash Flood Warnings



- Base Flash Flood Warning
- Rapid rise of flood water is expected to threaten life & property
- Does NOT Activate WEA



Flash Flood Warnings



→ Considerable Tag: 1-2 Rescues

→ Activates WEA



Flash Flood Warnings

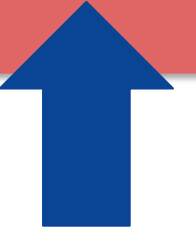
BASE
No WEA



CONSIDERABLE
WEA
1-2 Rescues



CATASTROPHIC
WEA
Swift Water Rescues



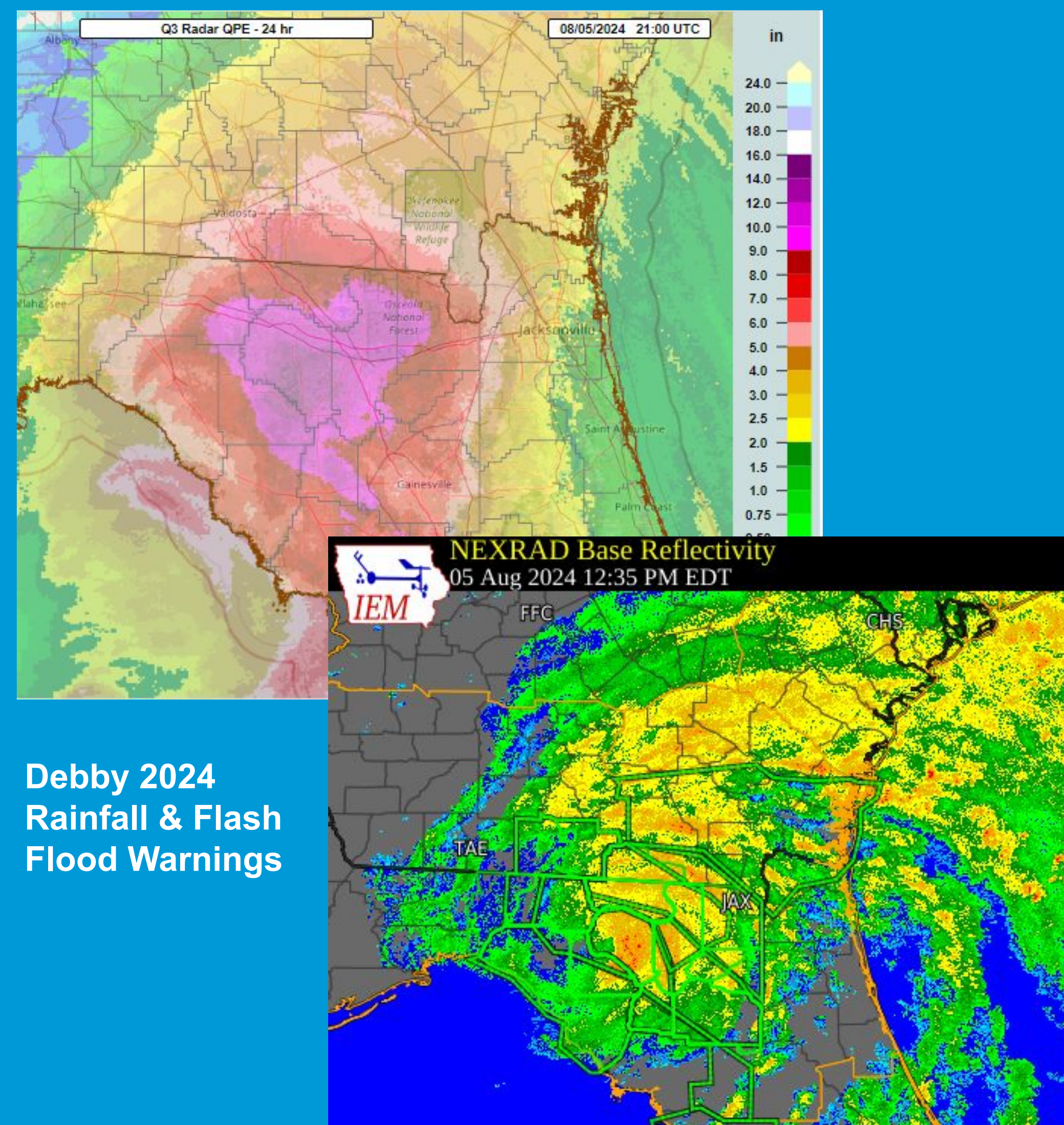
- Catastrophic Tag: Rare, violent flash floods that place people in danger due to rapidly rising flood waters.
- Activates WEA
- If severe threat to life & catastrophic damage, can include phrase **FLASH FLOOD EMERGENCY**
- Examples: Multiple swift water rescues, stream gages rising to major levels, total dam failure



2024 Debby Flooding Rain Impacts
Image c/o Jeff Davis EM

Flash Flood Warnings: Issuance Paradigm

- New for 2025: NWS JAX will issue **Flash Flood** Warnings during Thunderstorm Events (in lieu of Flood Warnings)
- More logical ramp-up for life-threatening flash flooding and ability to utilize WEA
- Flood Warnings will still be used as needed for post-thunderstorm impacts and gradually receding flood Situations



Debby 2024
Rainfall & Flash
Flood Warnings



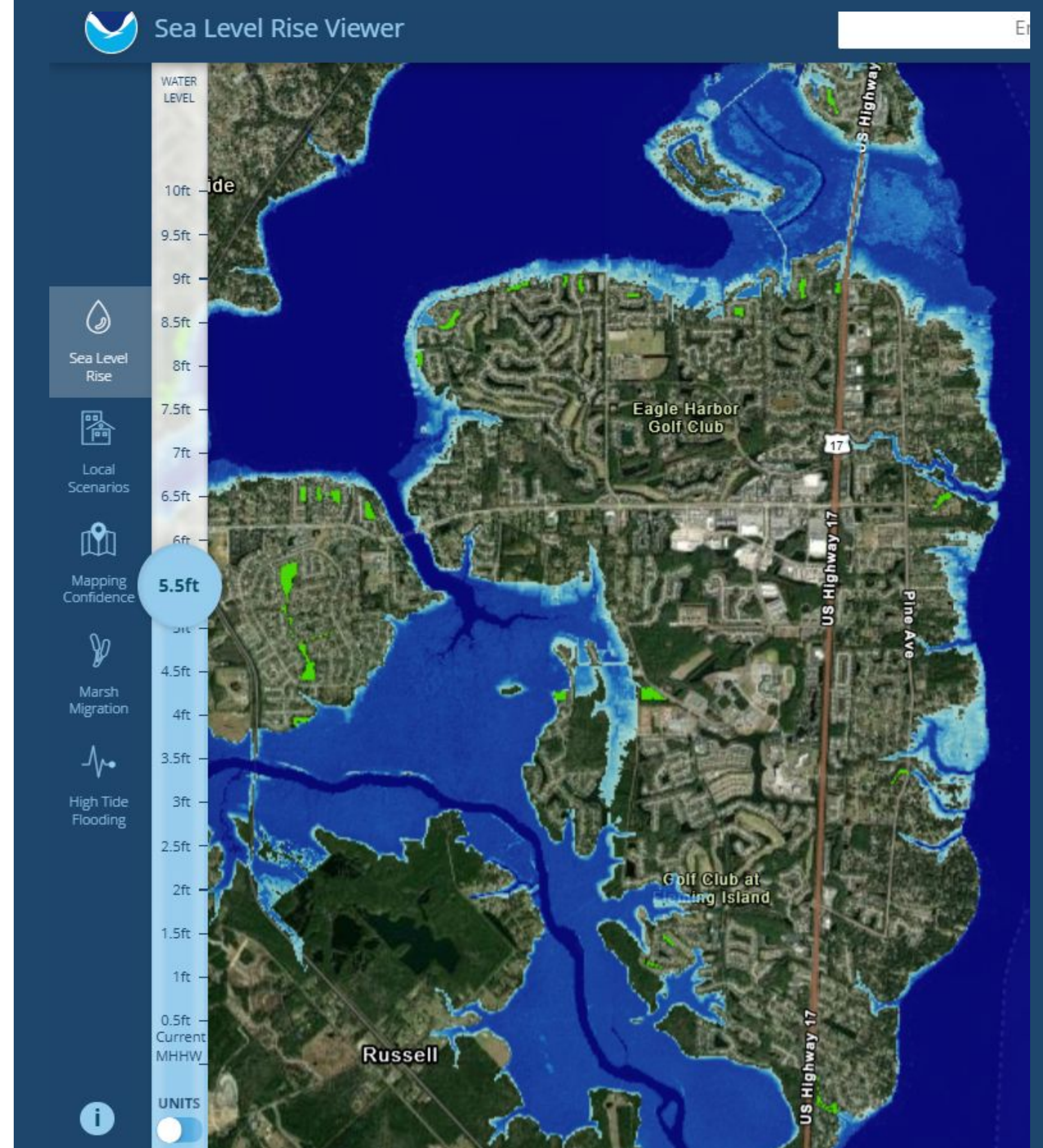
Climate Trend Tools

Sea Level Rise Viewer

- Helps visualize “What Gets Wet” with coastal flooding & sea level rise
- Indication of storm surge inundation potential

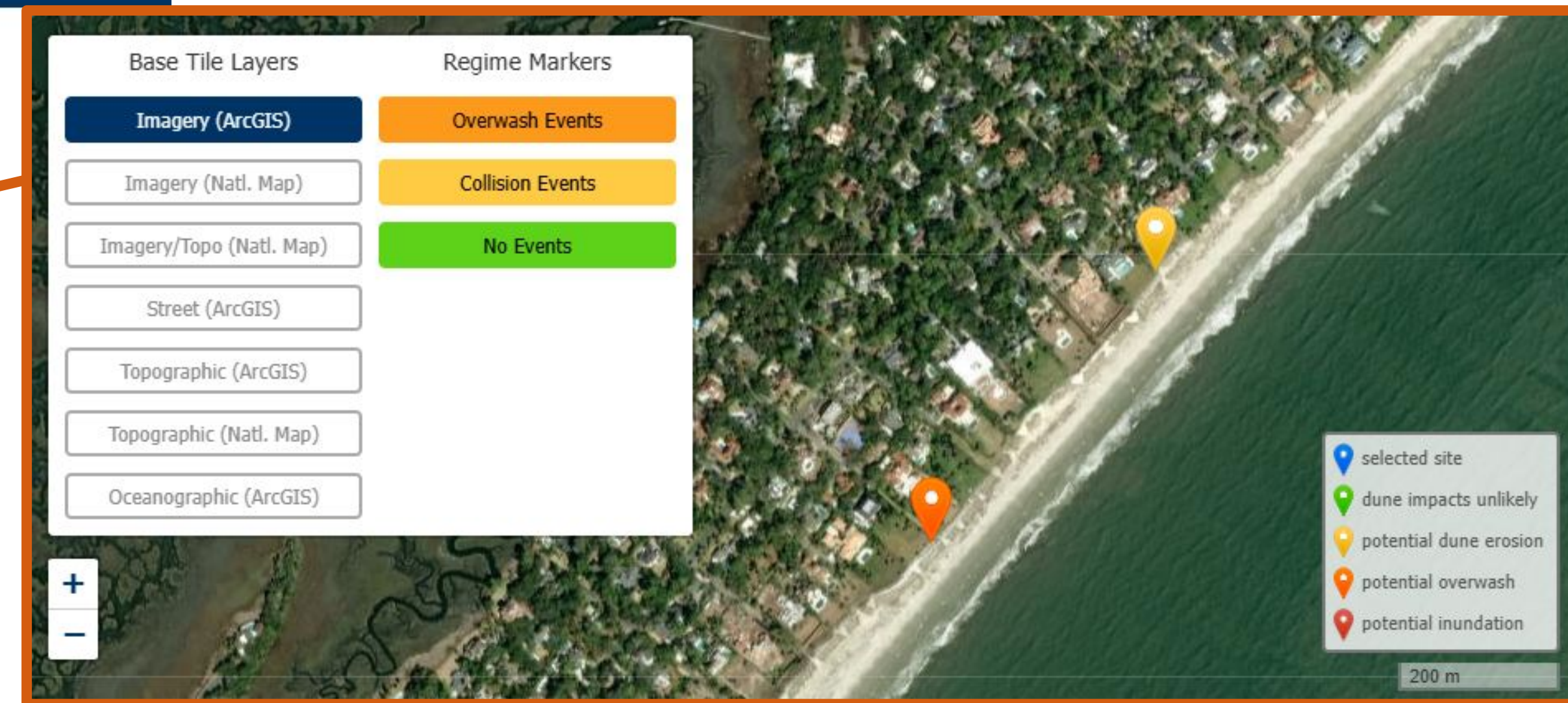
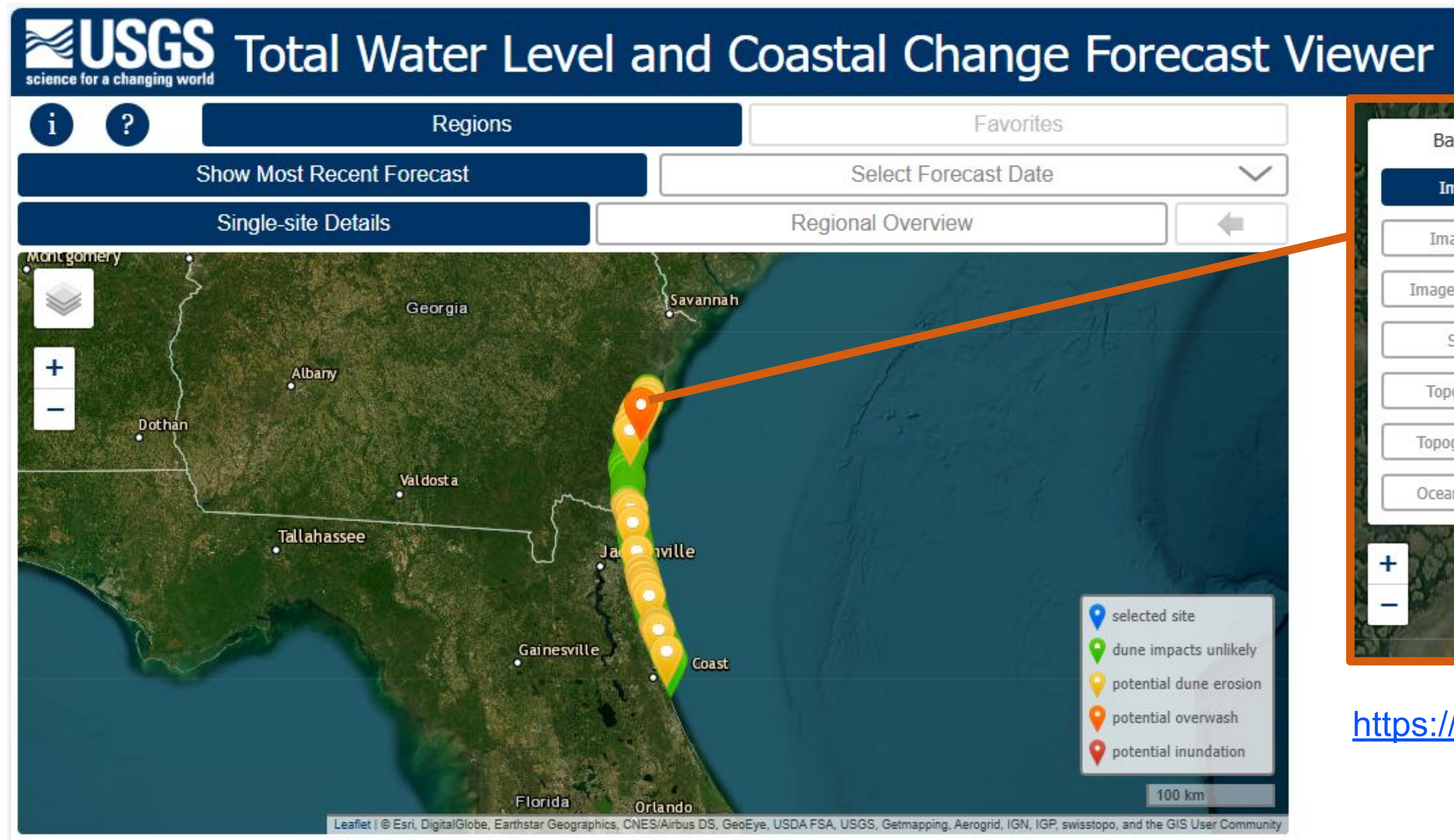


<https://coast.noaa.gov/digitalcoast/tools/slr.html>



Coastal Vulnerability Assessment Tool

- Event driven - combination of tides, surge & wave runup
- Output is estimate of elevation where ocean meets coast & provides guidance on potential erosion & flooding



<https://coastal.er.usgs.gov/development/gittens/hurricanes/research/twviewer/>



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Flood Frequency Terms

200 year ARI or 0.5% AEP
are different ways to
describe the SAME event

Average Recurrence Interval (ARI)

- Average time between floods of a certain size
- Large, infrequent floods have higher ARIs than smaller floods |
- A 200 year ARI flood will occur, on average, every 200 years
- A 200 year ARI flood has a 1-in-200 chance of occurring in a given year

Annual Exceedance Probability (AEP)

- Probability of a certain size flood in a single year
- AEP is the inverse of ARI
- **200 year ARI = 1-in-200 chance of occurring in a given year = $1/200 = 0.005 \times 100 = 0.50\%$ AEP**



Atlas Project

- Locations specific precipitation frequency estimates (1 in XXXX year flood)
- Can help with flood water mitigation projects

ATLAS 14



https://hdsc.nws.noaa.gov/pfds/pfds_map_cont.html

Data Request

Choose Location

Output

NOAA ATLAS 14 POINT PRECIPITATION FREQUENCY ESTIMATES: KS

Data description
Data type: Precipitation depth Units: English Time series type: Partial duration

Select location
1) Manually:
a) By location (decimal degrees, use "-" for S and W): Latitude: Longitude: Submit
b) By station (list of KS stations): Select station
c) By address Search Q
2) Use map:

Map

Location information:
Name: Bronson, Kansas, USA*
Latitude: 38.0000°
Longitude: -95.0000°
Elevation: 1039 ft **

POINT PRECIPITATION FREQUENCY (PF) ESTIMATES
WITH 90% CONFIDENCE INTERVALS AND SUPPLEMENTARY INFORMATION
NOAA Atlas 14, Volume 8, Version 2

PF tabular PF graphical Supplementary information Print page

PDS-based precipitation frequency estimates with 90% confidence intervals (in inches)¹

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.415 (0.326-0.522)	0.481 (0.378-0.606)	0.589 (0.462-0.743)	0.679 (0.529-0.858)	0.801 (0.605-1.03)	0.895 (0.663-1.16)	0.989 (0.710-1.31)	1.08 (0.751-1.46)	1.21 (0.809-1.66)	1.30 (0.853-1.81)
10-min	0.608 (0.478-0.765)	0.705 (0.554-0.887)	0.863 (0.676-1.09)	0.994 (0.774-1.26)	1.17 (0.886-1.51)	1.31 (0.970-1.71)	1.45 (1.04-1.92)	1.59 (1.10-2.14)	1.77 (1.18-2.43)	1.91 (1.25-2.65)
15-min	0.741 (0.583-0.933)	0.859 (0.675-1.08)	1.05 (0.824-1.33)	1.21 (0.944-1.53)	1.43 (1.08-1.84)	1.60 (1.18-2.08)	1.77 (1.27-2.34)	1.94 (1.34-2.61)	2.16 (1.44-2.96)	2.33 (1.52-3.23)



NATIONAL WEATHER SERVICE

Data Description Parameters:
Data Type: **Precipitation Depth** (Accumulation) Time Series Type: **Partial Duration**

PF tabular

PF graphical

Supplementary information

PDS-based precipitation frequency estimates with 90% confidence inte							
Duration	Average recurrence interval (years)						
	1	2	5	10	25	50	100
5-min	0.545 (0.447-0.666)	0.627 (0.514-0.767)	0.760 (0.620-0.932)	0.868 (0.704-1.07)	1.01 (0.790-1.29)	1.12 (0.856-1.45)	1.23 (0.905-1.64)
10-min	0.798 (0.654-0.975)	0.919 (0.752-1.12)	1.11 (0.908-1.36)	1.27 (1.03-1.57)	1.48 (1.16-1.88)	1.65 (1.25-2.13)	1.80 (1.32-2.40)
15-min	0.973 (0.798-1.19)	1.12 (0.917-1.37)	1.36 (1.11-1.66)	1.55 (1.26-1.91)	1.81 (1.41-2.30)	2.01 (1.53-2.59)	2.20 (1.62-2.92)
30-min	1.44 (1.18-1.76)	1.67 (1.35-2.09)	2.04 (1.61-2.47)	2.33 (1.81-2.85)	2.74 (2.13-3.35)	3.04 (2.35-3.73)	3.34 (2.45-4.42)
60-min	1.92 (1.57-2.34)	2.33 (1.81-2.85)	2.85 (2.24-3.46)	3.35 (2.66-4.04)	3.86 (3.07-4.65)	4.37 (3.48-5.26)	4.55 (3.35-6.09)
2-hr	2.40 (1.98-2.90)	2.90 (2.29-3.51)	3.51 (2.72-4.30)	4.04 (3.15-4.93)	4.65 (3.66-5.64)	5.26 (4.17-6.35)	5.77 (4.29-7.69)
3-hr	2.68 (2.23-3.23)	3.23 (2.54-3.92)	3.92 (3.03-4.81)	4.43 (3.44-5.42)	5.04 (3.95-6.13)	5.65 (4.36-6.94)	6.66 (4.99-8.88)
6-hr	3.14 (2.63-3.75)	3.55 (2.97-4.25)	4.34 (3.62-5.21)	5.10 (4.22-6.15)	6.30 (5.11-8.06)	7.34 (5.78-9.51)	8.50 (6.43-11.3)
12-hr	3.57 (3.02-4.24)	4.15 (3.50-4.93)	5.24 (4.40-6.23)	6.26 (5.23-7.49)	7.85 (6.41-9.96)	9.22 (7.30-11.8)	10.7 (8.17-14.1)

Interpretation

Rainfall accumulation of 1.55” in 15 minutes has a recurrence interval of 10 years at this location.

1.55” = Median
(1.26-1.91) = 90 percent confidence range
1.26” = 5th percentile
1.19 = 95th percentile

Data Description Parameters:
Data Type: **Precipitation Depth** (Accumulation) Time Series Type: **Annual Maximum**

PF tabular

PF graphical

Supplementary information

AMS-based precipitation frequency estimates with 90% confidence interval						
Duration	Annual exceedance probability (1/years)					
	1/2	1/5	1/10	1/25	1/50	1/100
5-min	0.586 (0.480-0.716)	0.743 (0.607-0.911)	0.860 (0.697-1.06)	1.01 (0.787-1.28)	1.12 (0.855-1.45)	1.23 (0.904-1.64)
10-min	0.858 (0.703-1.05)	1.09 (0.888-1.33)	1.26 (1.02-1.55)	1.48 (1.15-1.88)	1.64 (1.25-2.12)	1.80 (1.32-2.39)
15-min	1.05 (0.857-1.28)	1.33 (1.08-1.63)	1.54 (1.25-1.89)	1.80 (1.40-2.29)	2.00 (1.53-2.59)	2.20 (1.62-2.92)
30-min	1.55 (1.27-1.90)	1.99 (1.62-2.44)	2.31 (1.88-2.85)	2.73 (2.12-3.46)	3.03 (2.31-3.91)	3.34 (2.45-4.42)
60-min	2.05 (1.68-2.51)	2.59 (2.12-3.18)	3.02 (2.45-3.72)	3.61 (2.83-4.62)	4.07 (3.11-5.30)	4.55 (3.35-6.08)
2-hr	2.55 (2.11-3.09)	3.02 (2.61-3.44)	3.34 (2.91-3.77)	3.61 (3.11-4.11)	4.07 (3.54-4.60)	4.55 (4.01-5.09)
3-hr	2.84 (2.36-3.43)	3.34 (2.91-3.77)	3.61 (3.11-4.11)	3.61 (3.11-4.11)	4.07 (3.54-4.60)	4.55 (4.01-5.09)
6-hr	3.34 (2.79-3.99)	4.07 (3.54-4.60)	4.55 (4.01-5.09)	4.55 (4.01-5.09)	4.55 (4.01-5.09)	4.55 (4.01-5.09)
12-hr	3.85 (3.25-4.57)	4.55 (4.01-5.09)	5.09 (4.55-5.63)	5.09 (4.55-5.63)	5.09 (4.55-5.63)	5.09 (4.55-5.63)

Interpretation

60 minute rainfall accumulation of 3.61” is a 1 in 25 year event at this location, or has a 4% chance of occurrence in any given year.

3.61” = Median

(2.83-4.62) = 90 percent confidence range

2.83” = 5th percentile

4.62 = 95th percentile

Data Description Parameters:
Data Type: **Precipitation Intensity** (Hourly Rate) Time Series Type: **Partial Duration**

PF tabularPF graphicalSupplementary information						
PDS-based precipitation frequency estimates with 90% confidence						
Duration	Average recurrence interval (years)					
	1	2	5	10	25	50
5-min	6.54 (5.36-7.99)	7.52 (6.17-9.20)	9.12 (7.44-11.2)	10.4 (8.45-12.8)	12.2 (9.48-15.4)	13.5 (10.3-17.4)
10-min	4.79 (3.92-5.85)	5.51 (4.51-6.74)	6.68 (5.45-8.18)	7.63 (6.19-9.40)	8.91 (6.94-11.3)	9.88 (7.52-12.8)
15-min	3.89 (3.19-4.76)	4.48 (3.67-5.48)	5.43 (4.43-6.66)	6.20 (5.03-7.64)	7.24 (5.65-9.20)	8.03 (6.12-10.4)
30-min	2.88 (2.36-3.51)	3.33 (2.73-4.08)	4.07 (3.27-5.07)	4.67 (3.77-5.87)	5.47 (4.47-6.77)	6.08 (4.98-7.48)
60-min	1.92 (1.57-2.34)	2.19 (1.79-2.68)	2.67 (2.17-3.37)	3.07 (2.47-3.87)	3.67 (2.97-4.57)	4.08 (3.28-5.08)
2-hr	1.20 (0.990-1.45)	1.36 (1.12-1.65)	1.67 (1.37-2.07)	1.97 (1.62-2.32)	2.37 (1.92-2.82)	2.68 (2.18-3.38)
3-hr	0.892 (0.741-1.08)	1.00 (0.832-1.21)	1.20 (0.997-1.46)	1.36 (1.15-1.70)	1.67 (1.36-2.17)	1.92 (1.51-2.52)

Interpretation

A rainfall rate of 6.20” in 15 minutes has a recurrence interval of 10 years at this location.

6.20” = Median
(5.03-7.64) = 90 percent confidence range
5.03” = 5th percentile
7.64 = 95th percentile

Data Description Parameters:
Data Type: **Precipitation Intensity** (Hourly Rate) Time Series Type: **Annual Maximum**

AMS-based precipitation frequency estimates with 90% confidence interval						
Duration	Annual exceedance probability (1/years)					
	1/2	1/5	1/10	1/25	1/50	1/100
5-min	7.03 (5.76-8.59)	8.92 (7.28-10.9)	10.3 (8.36-12.7)	12.1 (9.44-15.4)	13.5 (10.3-17.4)	14.8 (10.8-19.6)
10-min	5.15 (4.22-6.29)	6.53 (5.33-8.00)	7.55 (6.13-9.30)	8.88 (6.91-11.3)	9.86 (7.51-12.7)	10.8 (7.94-14.4)
15-min	4.18 (3.43-5.12)	5.31 (4.33-6.50)	6.14 (4.98-7.56)	7.22 (5.62-9.15)	8.02 (6.10-10.3)	8.80 (6.46-11.7)
30-min	3.10 (2.54-3.79)	3.98 (3.25-4.87)	4.62 (3.75-5.69)	5.45 (4.24-6.91)	6.07 (4.62-7.83)	6.67 (4.89-8.84)
60-min	2.05 (1.68-2.59)	2.59 (2.05-3.25)	3.02 (2.41-3.69)	3.61 (2.91-4.35)	4.07 (3.35-4.81)	4.55 (3.35-6.08)
2-hr	1.15 (1.05-1.25)	1.45 (1.25-1.65)	1.75 (1.55-1.95)	2.15 (1.85-2.45)	2.55 (2.15-2.95)	2.88 (2.15-3.84)
3-hr	0.95 (0.78-1.12)	1.25 (1.05-1.45)	1.55 (1.35-1.75)	1.95 (1.65-2.25)	2.22 (1.66-2.96)	2.55 (1.85-3.45)
6-hr	0.55 (0.46-0.66)	0.75 (0.55-0.95)	0.95 (0.65-1.25)	1.15 (0.85-1.45)	1.35 (0.95-1.75)	1.42 (1.07-1.88)

Interpretation

A 30 minute rainfall rate of 4.62” is a 1 in 10 year event at this location, or has a 10% chance of occurrence in any given year.

4.62” = Median
(3.75-5.69) = 90 percent confidence range
3.75” = 5th percentile
5.69 = 95th percentile



Atlas 14 Now → Atlas 15 in 2026

<https://water.noaa.gov/about/atlas15>

- Presented as Exceedance Probabilities
- Spatially continuous coverage over the U.S.
- Will account for future temporal trends (through 2100)

Annual Exceedance Probability (%)							
☐	Duration	50% ☐	20% ☐	10% ☐	4% ☐	2% ☐	1% ☐
☐	60 minutes	0.499 (0.446 - 0.549)	0.729 (0.64 - 0.818)	0.919 (0.793 - 1.05)	1.21 (1.02 - 1.41)	1.48 (1.22 - 1.75)	1.79 (1.45 - 2.16)
☐	120 minutes	0.619 (0.563 - 0.675)	0.841 (0.747 - 0.937)	1.01 (0.888 - 1.15)	1.3 (1.11 - 1.51)	1.56 (1.31 - 1.84)	1.86 (1.53 - 2.24)
☐	3 hours	0.71 (0.649 - 0.771)	0.951 (0.851 - 1.06)	1.14 (1 - 1.28)	1.43 (1.23 - 1.64)	1.68 (1.42 - 1.96)	1.97 (1.64 - 2.35)
☐	6 hours	0.89 (0.817 - 0.966)	1.18 (1.07 - 1.31)	1.4 (1.25 - 1.57)	1.71 (1.5 - 1.95)	1.96 (1.69 - 2.26)	2.23 (1.9 - 2.62)



Atlas Job Sheets - NWS JAX DSS Page

NWS Jacksonville Decision Support Services

Immediate Support

NWS Jacksonville Operations

904-741-4370 extension 1

NWS Jacksonville Briefing

NWSChat2.0 by Slack

Channel: #wfo-jacksonville-fl

About NWSChat

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Forecast Options (Choose Location)

- [Point Forecast Dashboard](#)
- [Marine Dashboard](#)
- [Fire Weather Dashboard](#)
- [SPOT Forecast Request](#)

Products & Services

- [NWS JAX Met Watch](#) ([Met Watch Job Sheet](#))
- [Graphical Hazardous Weather Outlook](#)
- [Regional Probabilistic Forecast Graphics](#) ([Job Sheet](#))
Graphics of SE Georgia & NE Florida
- [Local Probabilistic Forecast Graphics](#) ([Job Sheet](#))
Downscaled, county level forecast graphics
- [Atlas Precipitation Frequency Analysis](#) ([Job Sheet](#))

JAX DSS



NATIONAL WEATHER SERVICE

Takeaways



Fire Weather: Basics, Tools, & Outlook

Significant Wildfire Risk Apr/May
Reduces in June - wet season



Flood Risk Tools & Products

Excessive Rain Outlooks
Flood & Flash Flood Products
More Flash Flood Warnings



Climate Trend Tools

Coastal Vulnerability Tool
Sea Level Rise Viewer
Atlas Precipitation Frequency

Working Together to Save Lives

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Planning forecasts, SPOTs,
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