

NWS Jacksonville Product Criteria for Southeast Georgia & Northeast Florida Zones - last update Jul 2025

Product	PIL	VTEC	Product Period	Event Duration	Criteria	NWR (B)roadcast & (S)ame
Coastal Products						
Coastal Flood Advisory	CFW	CF.Y	1-2	Any	Highlight minor flooding like tidal overflow that is imminent or possible within 12 hrs & if confidence is high (> 50%), then may extend or set to begin within 24 hrs. This includes Minor flood stages on AHPS.	B
Coastal Flood Watch	CFW	CF.A	2-4	Any	Significant coastal flooding is possible. This includes Moderate and Major flooding in AHPS.	B
Coastal Flood Warning	CFW	CF.W	1-2	Any	Significant coastal flooding is occurring, imminent or highly likely. This includes Moderate and Major flooding in AHPS.	B
High Surf Advisory	CFW	SU.Y	1-2	Any	Breaker heights of > or = 7 ft	B
Rip Current Statement	CFW	RP.S	1-2	Any	When a high risk of rip currents is expected	
Marine Products						
Small Craft Exercise Caution	CWF		1	Any	Winds 15-20 kts and/or seas 6 ft (headline only)	
Small Craft Advisory	MWW	SC.Y	1-3+	≥ 2 hrs	Winds 20-33 kts and/or seas ≥ 7 ft	
Gale Watch	MWW	GL.A	2-5	Any 2 hr	Wind speed 34-47 kts or frequent gusts 34-47 kts	
Gale Warning	MWW	GL.W	1-4+	Any 2 hr	Wind speed 34-47 kts or frequent gusts 34-47 kts	
Storm Watch	MWW	SR.A	2-5	Any 2 hr	Sustained wind speed 48-63 kts or frequent gusts of 48-63 kts	
Storm Warning	MWW	SR.W	1-4+	Any 2 hr	Sustained wind speed 48-63 kts or frequent gusts of 48-63 kts	
Marine Dense Fog Advisory	MWW	MF.Y	1-3+	Any	Widespread visibility ≤ 1 NM in fog	
Marine Dense Smoke Advisory	MWW	MS.Y	1-3+	Any	Widespread visibility ≤ 1 NM in smoke	

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Marine Weather Statement	MWS	MA.S	1	Any	Update or cancel at SMW, a statement on non-severe showers & tstorms, airmass and convection favors waterspout formation, short-lived wind/sea increase that could be dangerous for small boats, significant conditions prevailing for 2+ hrs that could impact marine operations including: rough seas near inlets/passes, dense fog, low water events (rare), HAZMAT spills, rapidly increasing/decreasing or shifting winds, or details on potential water landings.	B
Special Marine Warning	SMW	MA.W	1	Any	Winds >= 34 kts and/or 3/4 inch hail and/or waterspouts	B & S
Fire Weather						
Elevated Fire Danger	-	-	1-2	All criteria at same time, any duration	Issued when below criteria are met or forecast: * NE FL:RH 28-30% + Wind >15 mph + ERC 24-26 * SE GA: When 2 of 3 RFW criteria occur.	
Fire Weather Watch	RFW	FW.A	2-4	All criteria at same time, any duration	If RFW expected within 48 hours.	
Red Flag Warning	RFW	FW.W	1-2	All criteria at same time, any duration	Issued when below criteria are met or forecast: * NE FL:RH <28% + Wind >15 mph + FPF >= 3.0 * SE GA:RH <25% + Wind >15 mph or gusts >25 mph + 10-hr Fuel Moisture <6%	
Hydrologic						
Urban & Small Stream Minor Flooding (use Hazard Services)	FLS	FA.Y	1		Elevated stream flow, ponding of water, rainfall accumulation warrants public attention. If an SPS is already in effect for a strong storm with a hail/wind threat, then you can include "Minor Flooding" as a potential impact (in lieu of issuing a standalone FL.Y for the same impacted area).	B
Flood Watch (use Hazard Services)	FFA	FF.A	2-3 (6-48 hours)		Elevated confidence of flash flood guidance (FFG) being exceeded	B
River Flood Warning (use Hazard Services)	FLW	FL.W			River flooding imminent or expected	B

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Areal Flood Warning (use Hazard Services)	FLW	FA.W	A		Fresh water flooding imminent or expected with a more gradual accumulation of flood water that threatens life/property. Often issued after a flash flood warning when flood water remains but the rise is not sudden and the rate of rise as decreased.	B
Flash Flood Warning (use Hazard Services)	FFW	FF.W	1		<p>Fast accumulation of convective rain, tropical rain, or a dam break that threatens life/property.</p> <p>Base (No IBW Tag): Used most of the time, when flash flood impact damage is possible</p> <p>Considerable Tag: Use rarely, when flash flooding capable of unusual severity or impact is imminent or ongoing and urgent action is needed to protect lives and property. One or two water rescues. (triggers WEA)</p> <p>Catastrophic Tag: Use exceedingly rarely, when a flash flood threat to life and catastrophic damage is occurring or imminent and floodwaters have risen or will rise to levels rarely if ever seen. Multiple swift-water rescues (triggers WEA)</p>	B & S
Severe Weather						
Significant Weather Advisory "SWA"	SPS				Marginally severe storm. Wind gusts 40-57 mph and/or hail < 1 inch. Excessive lightning (at least 10 strikes per minute). Locally heavy rainfall. Can also be issued for tropical rain-bands and for storms that exhibit weak rotation.	B
Severe Thunderstorm Warning	SVR	SV.W	1		<p>Base (no IBW tag): Wind ≥ 58 MPH and/or Hail ≥ 1.00"</p> <p>Considerable Tag: Wind ≥ 70 MPH and/or Hail ≥ 1.75"</p> <p>Destructive Tag: Wind ≥ 80 MPH and/or Hail ≥ 2.75" (triggers WEA)</p>	B & S

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Tornado Warning	TOR	TO.W	1		<p>Tornado or waterspout making landfall (all tornado warnings trigger WEA)</p> <p>Base (no IBW tag)</p> <p>Considerable Tag: Used rarely. Credible evidence of a tornado, is generally long-lived tornado, and produces considerable damage.</p> <p>Catastrophic Tag: Exceedingly rare. Reliable sources confirm violent, long-lived tornado with severe threat to life and catastrophic damage. Selected to invoke Tornado Emergency</p>	B & S
Severe Weather Statement	SVS				Update severe & tornado warnings at least once during valid periods, more frequent for significant severe events.	
Tropical Cyclone						
Subtropical Storm Watch	TCV	TR.A	Within 48 hrs	Any	Wind speeds > 34 kts with a subtropical cyclone possible	
Subtropical Storm Warning	TCV	TR.W	Within 36 hrs	Any	Wind speeds > 34 kts with a subtropical cyclone imminent	
Tropical Storm Watch	TCV	TR.A	Within 48 hrs	Any	Wind speeds > 34-63 kts with a tropical cyclone possible	
Tropical Storm Warning	TCV	TR.W	Within 36 hrs	Any	Wind speeds > 34-63 kts with a tropical cyclone imminent	
Hurricane Watch	TCV	HU.A	Within 48 hrs	Any	Wind speeds > 64 kts with a tropical cyclone possible	
Hurricane Warning	TCV	HU.W	Within 36 hrs	Any	Wind speeds > 64 kts with a tropical cyclone imminent (triggers WEA)	
Storm Surge Watch	TCV	SS.A	Within 48 hrs	Any	Possible life-threatening inundation from rising water moving inland from shoreline. (life-threatening defined as surge > 3 ft)	
Storm Surge Warning	TCV	SS.W	Within 36 hrs	Any	Danger of life-threatening inundation from rising water moving inland from shoreline (triggers WEA)	
Extreme Wind Warning	EWV	EW.W	1	up to 2 hrs	Sustained Category 3 strength winds (> 115 mph) within the hurricane eyewall. (triggers WEA)	B & S
Winter Weather						

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Winter Weather Advisory	WSW	WW.Y			Less than 1 inch accumulation of snow per event	
Winter Storm Watch	WSW	WS.A	2-4	Any	Accumulation of 1 inch or more of snow per event Any accumulation of ice or sleet that impacts transportation, commerce or power.	
Winter Storm Warning	WSW	WS.W	1	Any	Accumulation of 1 inch or more of snow per event Any accumulation of ice or sleet that impacts transportation, commerce or power.	
Non-Precipitation "NPW"						
Dense Fog Advisory	NPW	FG.Y	1	Any	Widespread visibility <= 1/4 mile in fog	B
Dense Smoke Advisory	NPW	SM.Y	1	Any	Widespread visibility <= 1/4 mile in smoke	B
Wind Advisory	NPW	WI.Y	1	Any	Sustained winds 26-39 mph or wind gusts of 40-57 mph	B
High Wind Warning	NPW	HW.W	1	Any	Sustained winds > 40 mph or wind gusts > 58 mph	B
Frost Advisory	NPW	FR.Y	1	Any	Widespread frost expected. Not issued when freeze warning in effect. Forecast lows 32 to 36 °F with good radiational cooling. 80% or more forecast confidence for areas to widespread frost	B
Freeze Watch	NPW	FZ.A	2-4	≥ 2 hrs	<p>Temperatures <=32 degrees possible.</p> <p>A "hard freeze" event will be mentioned in the body of the freeze watch when the temperatures are:</p> <p>≤ 27 °F for 2 hours or more for Glynn, Camden, Nassau, Duval, St. Johns, Flagler, Clay, Bradford, Putnam, Alachua, Marion.</p> <p>≤ 25 °F or less (no duration) for Baker, Union, Columbia, Gilchrist, Suwannee, Hamilton, Echols, Clinch, Atkinson, Coffee, Jeff Davis, Appling, Bacon, Ware, Pierce, Charlton, Brantley, Wayne.</p>	B

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Freeze Warning	NPW	FZ.W	1	≥ 2 hrs	<p>Temperatures ≤32 degrees imminent.</p> <p>A "hard freeze" event will be mentioned in the body of the freeze warning when the temperatures are:</p> <p>≤ 27 °F for 2 hours or more for Glynn, Camden, Nassau, Duval, St. Johns, Flagler, Clay, Bradford, Putnam, Alachua, Marion.</p> <p>≤ 25 °F or less (no duration) for Baker, Union, Columbia, Gilchrist, Suwannee, Hamilton, Echols, Clinch, Atkinson, Coffee, Jeff Davis, Appling, Bacon, Ware, Pierce, Charlton, Brantley, Wayne.</p>	B
Cold Weather Advisory	NPW	CW.Y			<p>SE GA: wind chill 11-20 degrees</p> <p>NE FL: wind chill 16-25 degrees</p>	B
Extreme Cold Watch	NPW	EC.A	Within 24-72 hrs		<p>SE GA: wind chill ≤ 10 degrees</p> <p>NE FL: wind chill ≤ 15 degrees in the next 24 to 72 hours</p>	
Extreme Cold Warning	NPW	EC.W			<p>SE GA: wind chill ≤ 10 degrees</p> <p>NE FL: wind chill ≤ 15 degrees</p>	B
Heat Advisory	NPW	HT.Y	Within 12-48 hours		Heat index of 108-112 degrees	B
Extreme Heat Watch	NPW	EH.A	Within 24-72 hrs	Any	Heat index ≥ 113 degrees in the next 24 to 72 hours.	
Extreme Heat Warning	NPW	EH.W	1	Any	Heat index ≥ 113 degrees. VTEC in effect when HI > 100 degrees.	
Dust Storm Warning	NPW	DS.W	1	Any	Widespread visibility < 1/4 mile in dust with wind speed > 25 mph	
Miscellaneous						
Airport Weather Warning	AWW		1	2 hrs	<p>T'storms with winds > 35 kts or</p> <p>Significant wind shifts which alter landing pattern or</p> <p>Sustained surface wind > 25 kts (not with convection) or</p> <p>T'storms with hail > 1/2 inch or</p> <p>Onset of freezing rain or snow</p>	
Tsunami Warning	TSUAT1	TS.W			Tsunami danger on the coast. (triggers WEA)	

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NWR = NOAA Weather Radio All Hazards						
PIL = Product Inventory List						
VTEC = Valid Time Event Coder						
IBW = Impact Based Warning						