



Winter Storm Briefing

January 9, 2025
8:00 AM

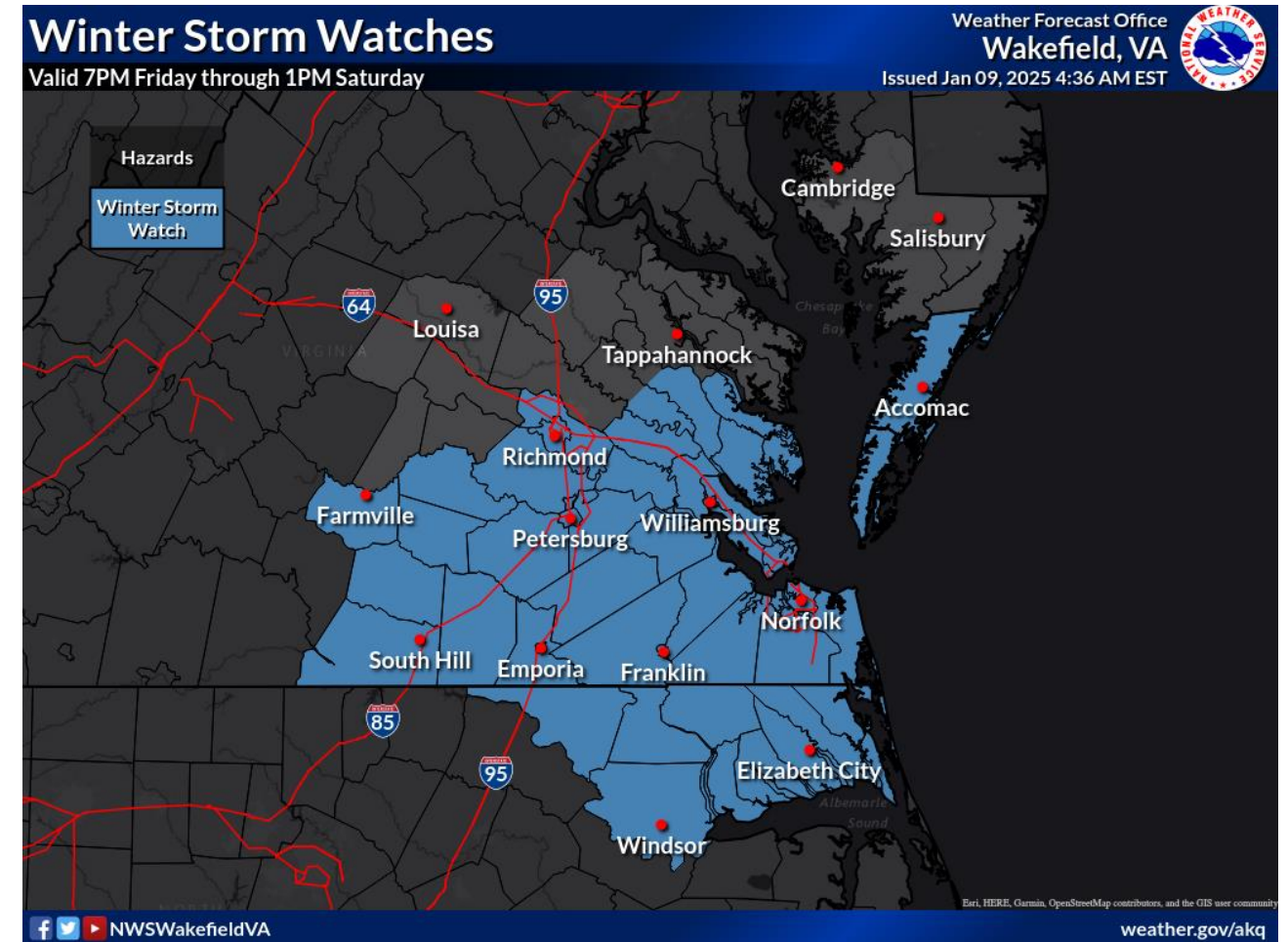
Prepared by National Weather Service Wakefield, VA

Decision Support Briefing #3

→ As of 8:00 AM EST
Thursday, January 9, 2025

NEW Important Updates

- A Winter Storm Watch has been issued for portions of central, eastern, and south central Virginia and northeast North Carolina.
- Model trends continue to favor a narrow band of heavier snow totals. While exact location of where this band sets up remains uncertain, it has been accounted for in the High-End Snow Potential graphic



Disclaimer: Information may become outdated after briefing time. Consult weather.gov/wakefield for the latest information.



National Oceanic and
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Wakefield, VA



Key Messages

January 9, 2025

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- **A winter storm will impact the entire region Friday evening into Saturday morning. A widespread 2 to 3 inches of snow is likely along with a band of more significant accumulations of 4 to 6 inches is possible.**
- **Ice accumulations are possible across southern and southeastern VA and northeast NC, with the highest ice accumulations focused across northeast NC where as much as 0.10" may accumulate.**
- **Onset of snow will be around 6 to 10 pm Friday, increasing in intensity late Friday night and through the late night/early morning hours Saturday. Snow mixes with or changes over to freezing rain and/or sleet across southern portions of the area Friday night.**
- **A band of heavier snow with higher snowfall rates over portions of south central VA, Central VA and eastern VA is possible. The exact location and size of this heavier band is still uncertain.**
- **Following the snowfall, temperatures plummet once again into the teens and low 20s Saturday night with highs Sunday in the mid to upper 30s. Lows in the teens again Sunday night. Melting and refreezing is expected into early next week.**
- **Marine Weather** - Gale conditions persist through today. Winds decrease later this evening into tonight. Small Craft Advisory conditions are then expected later tonight. Gales are NOT expected with the winter storm.



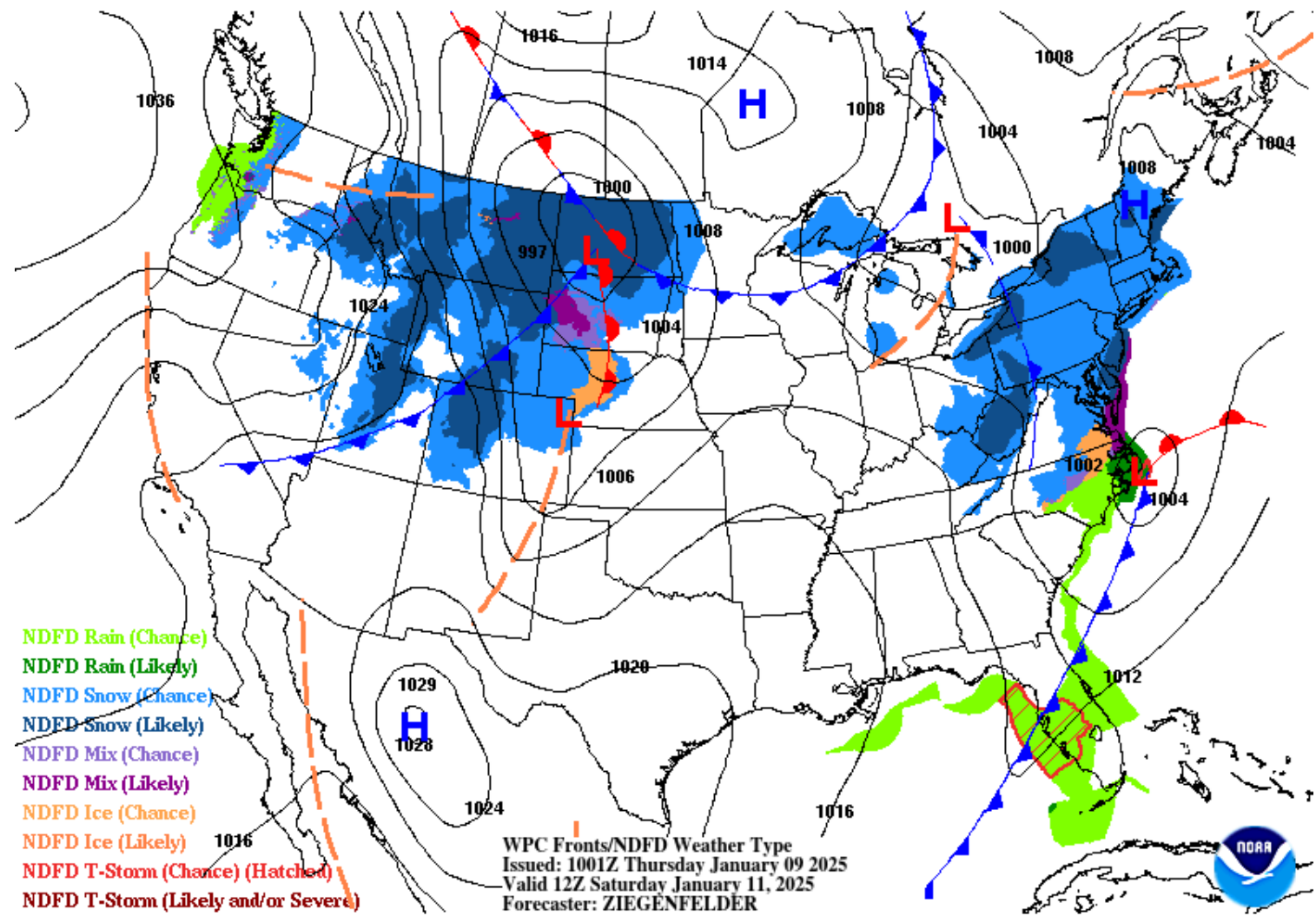
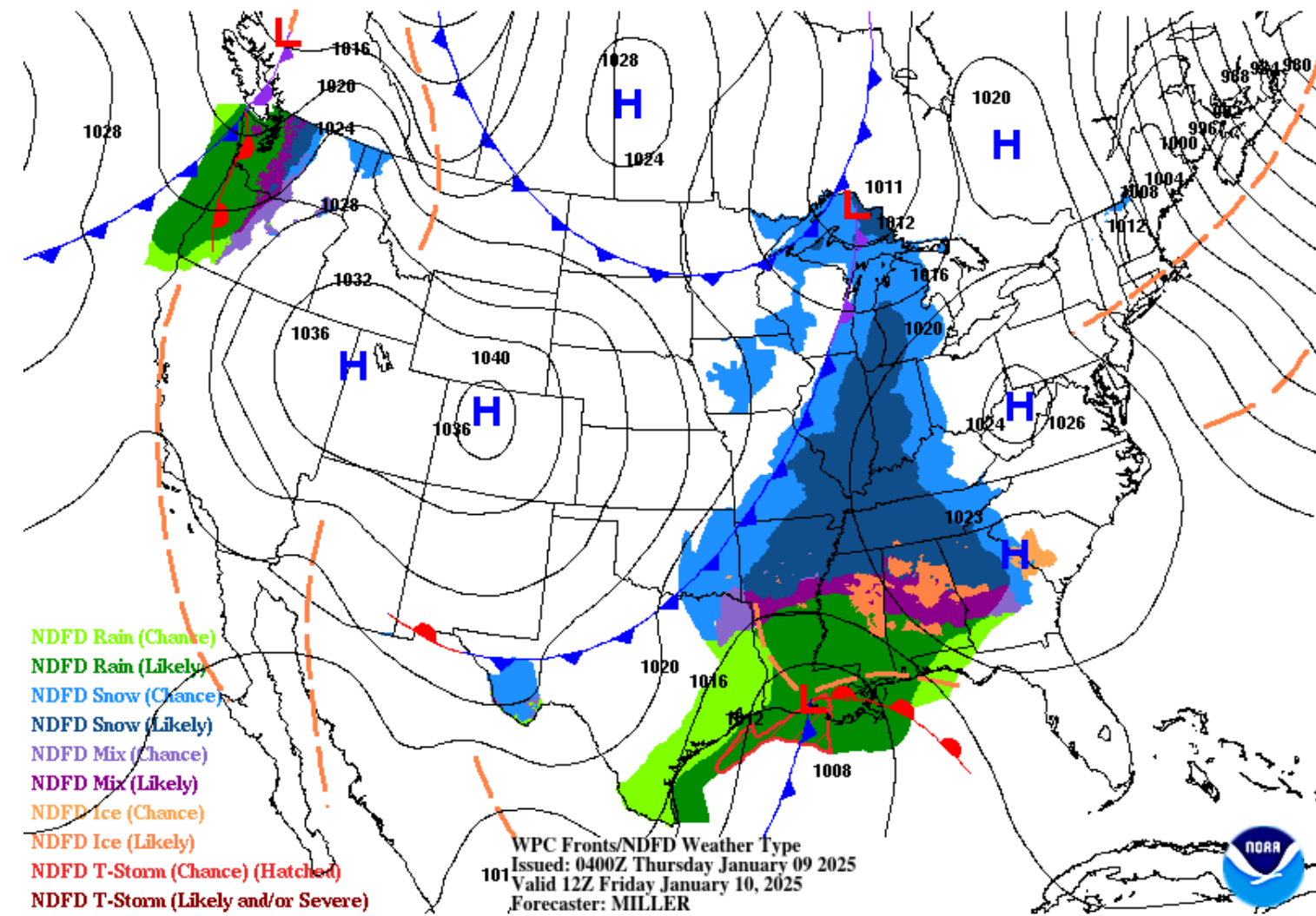


Weather Pattern - Friday into Saturday

January 9, 2025
8:00 AM

FRIDAY (storm forms in the Gulf)

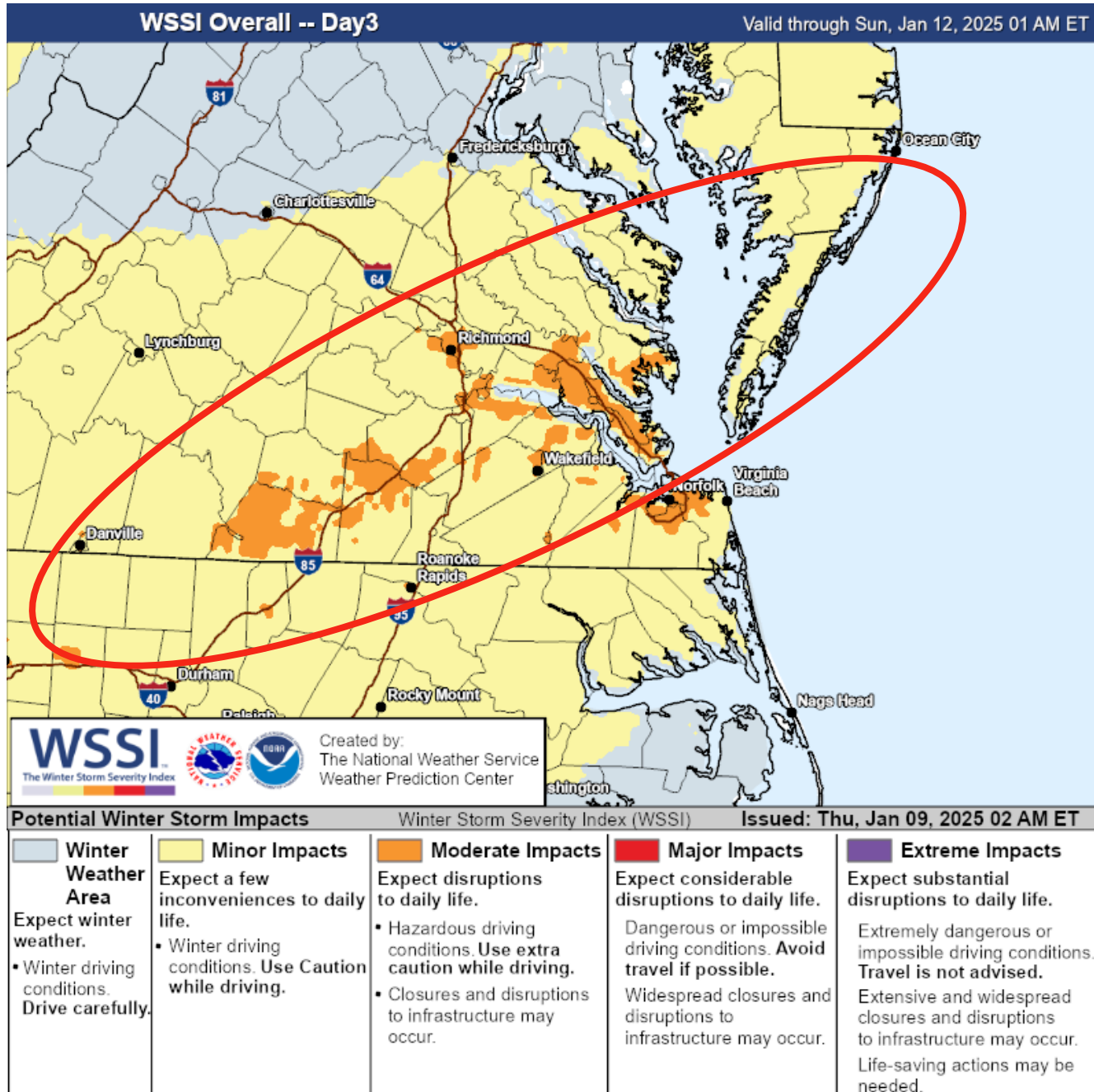
SATURDAY (coastal storm)





Anticipated Winter Impacts Friday/Saturday

January 9, 2025
8:00 AM



Key Points:

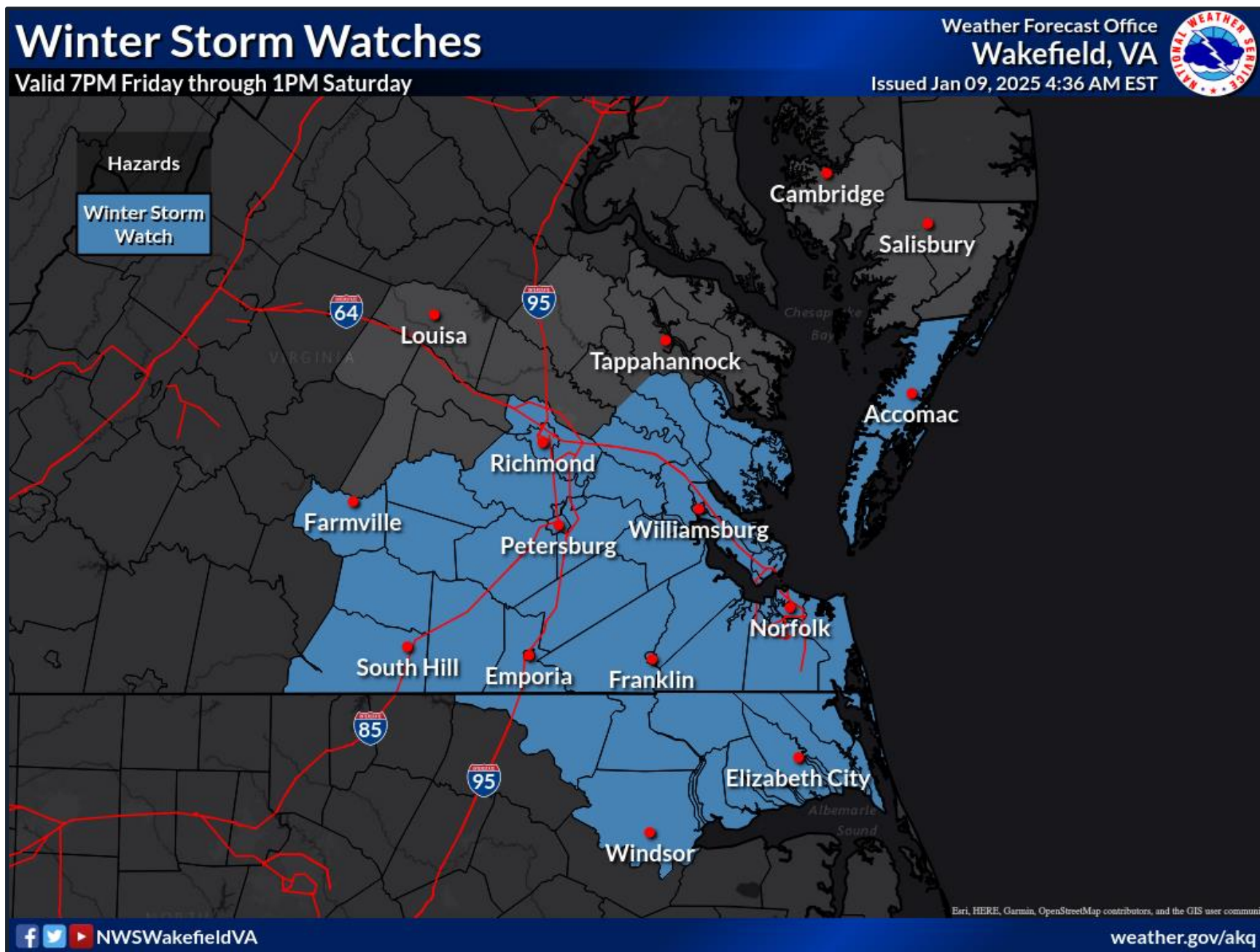
- Another winter storm is expected to impact the region Friday evening through Saturday morning. The image to the left (WSSI - Winter Storm Severity Index) represents potential impacts across the region from snow or ice.





Hazard Overview

January 9, 2025
8:00 AM



- A Winter Storm Watch is now in effect for much of the area roughly along and south of the US-360 corridor.
- The watch is valid from 7 PM Friday through 1 PM Saturday.
- See www.weather.gov/akq for the latest information



Expected Snowfall Forecast

January 9, 2025

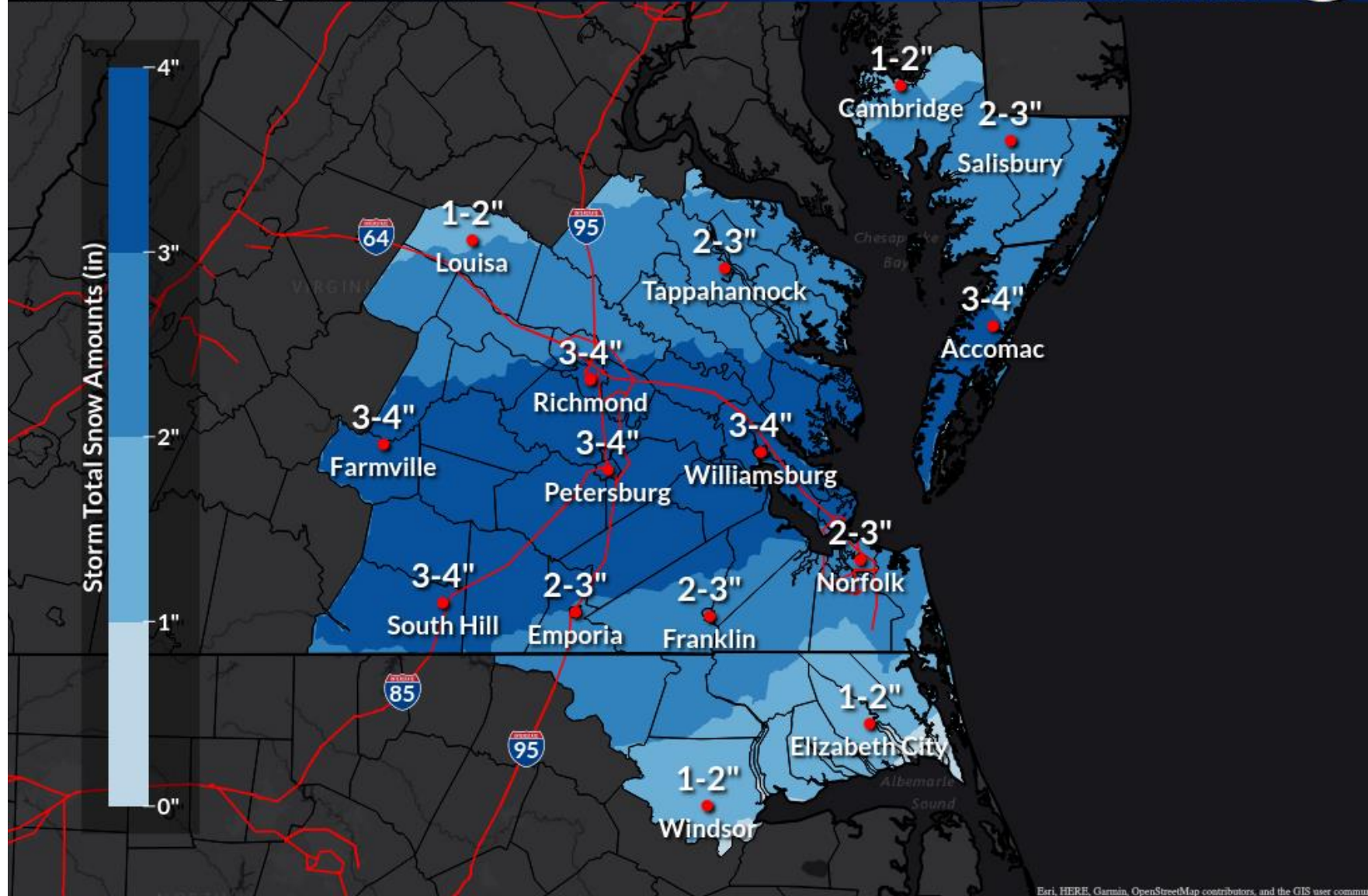
8:00 AM

Snow Totals Through 72 Hrs

Valid Thu 7:00AM through Sun 7:00AM EST

Weather Forecast Office
Wakefield, VA

Issued Jan 09, 2025 4:40 AM EST



NWSWakefieldVA

weather.gov/akq

- **Details & Timing:** Snow moves into the NC, central and southeast VA Friday late evening then spreads north up the Eastern Shore.
 - Areas south and southeast of Richmond could see a change over to sleet/freezing rain late Friday night into early Saturday morning. The storm exits the region by late-morning Saturday.

- A widespread ~2" of snow is expected across the area with a higher band of 4-6" possible.

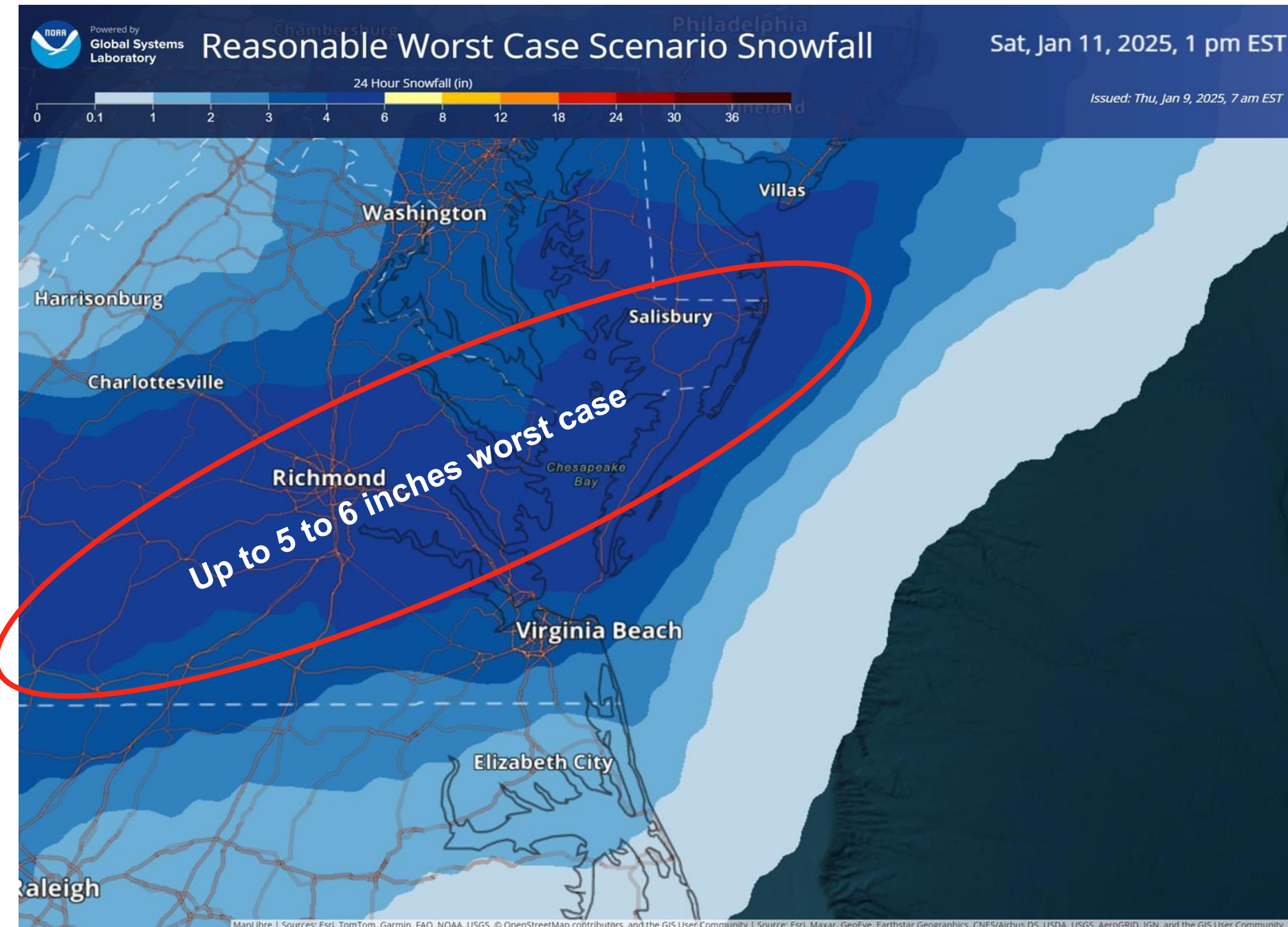
- **Hazards:** **Hazardous road conditions are possible Friday night and Saturday morning.**

**** Continue to monitor the forecast for minor changes over the next day or so as we monitor the track and intensity of the storm ****



Worst Case Snow Through Saturday

January 9, 2025
8:00 AM



This graphic illustrates the worst case potential snowfall (1 in 10 chance). **This is useful for planning purposes in case forecast snow totals increase, though exact location of higher bands is still uncertain.**





Expected Ice Forecast

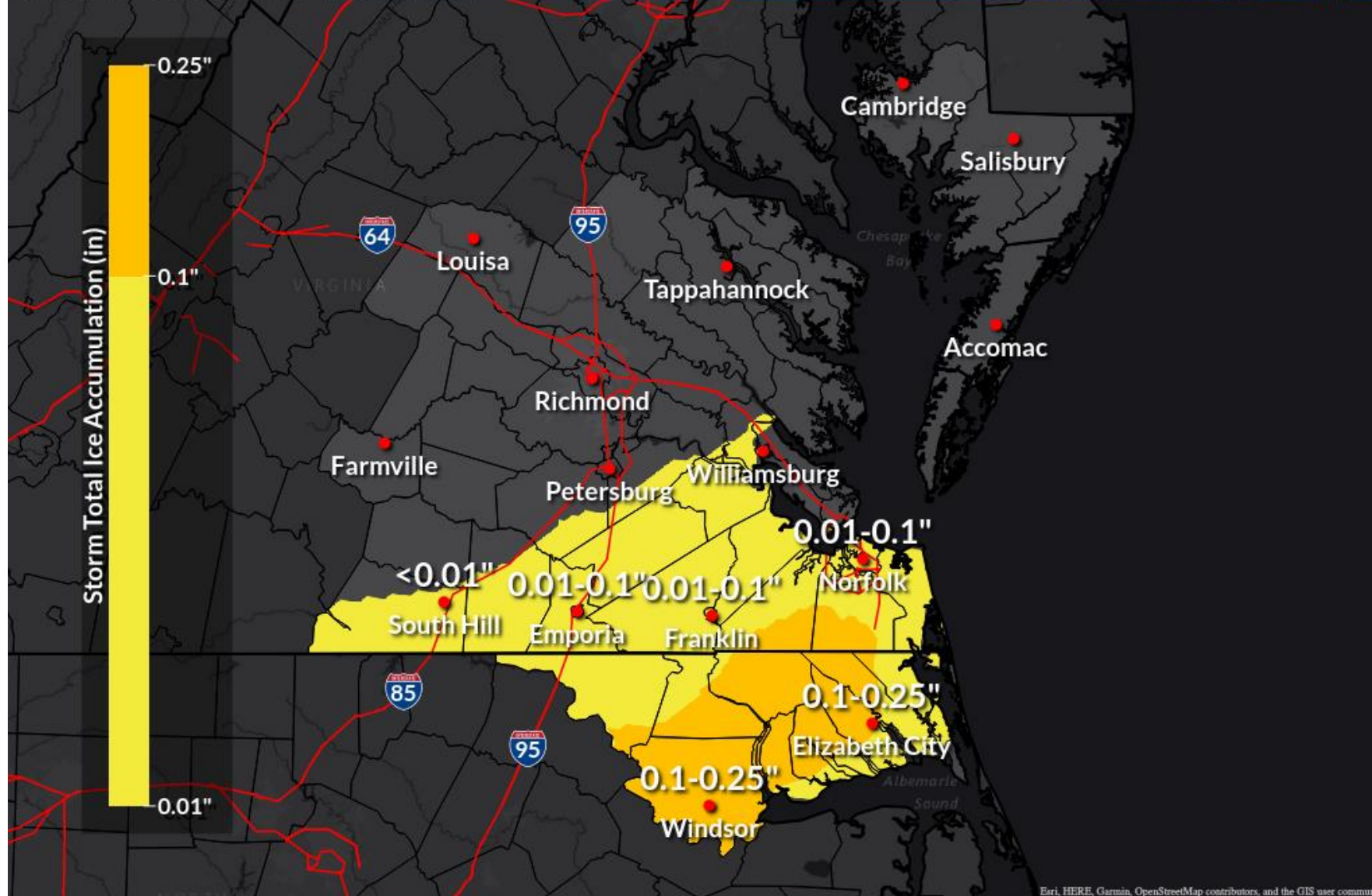
January 9, 2025
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Ice Totals Through 72 Hrs

Valid Thu 7:00AM through Sun 7:00AM EST

Weather Forecast Office
Wakefield, VA

Issued Jan 09, 2025 4:40 AM EST



- Snow mixes with sleet and/or freezing rain later Friday night into early Saturday morning across southern portions of the area.
- Ice accumulations as high as 0.10" are possible across portions of northeast NC and far southern VA.
- Snow will be the primary wintry precipitation type further north, but a light glaze of ice is possible.
- Potential power outages are most likely over NE NC into far southside Hampton Roads where icing could best.

NWSWakefieldVA

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Wakefield, VA



Snow ONSET Timing

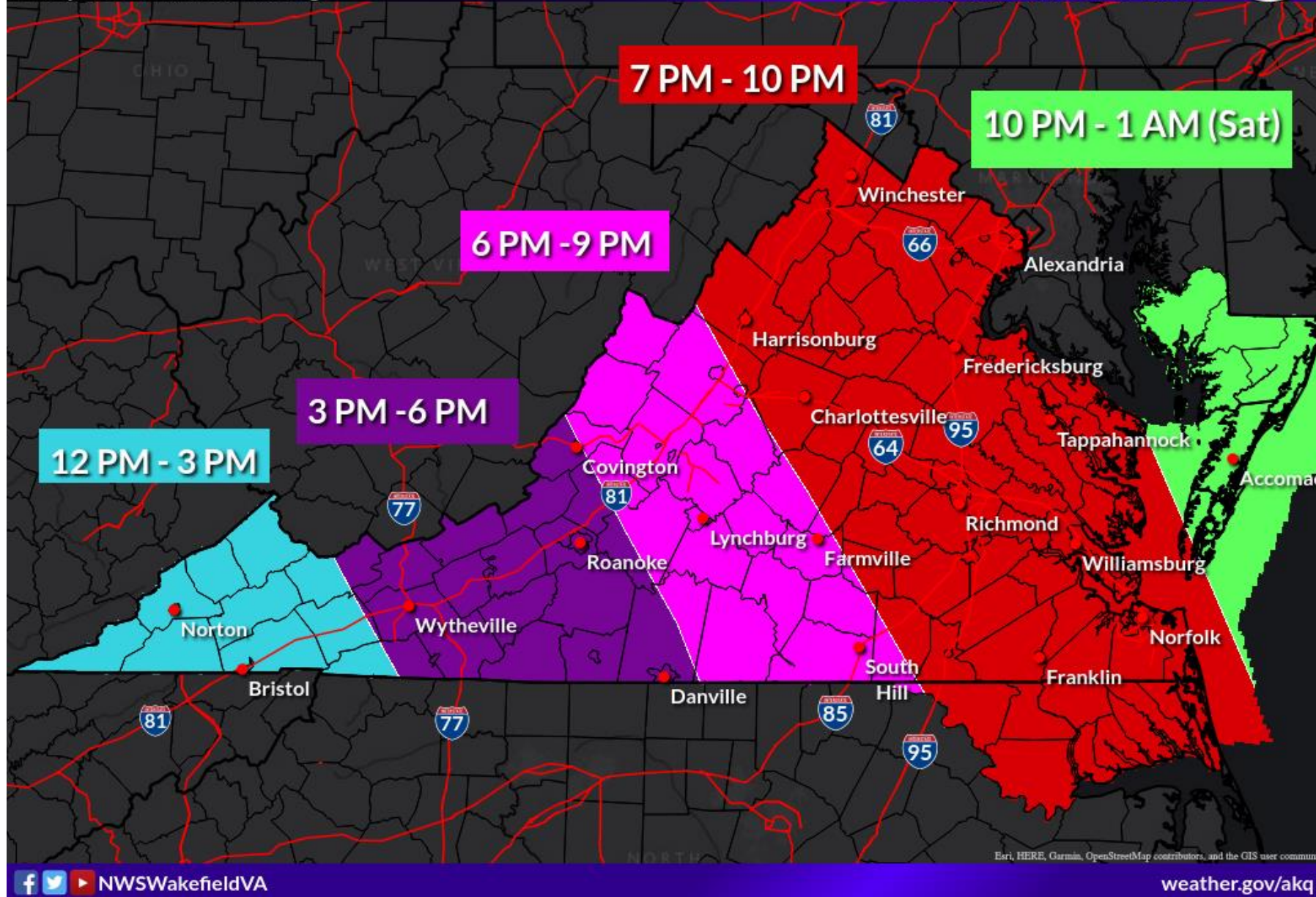
January 9, 2025
8:00 AM

Winter Precipitation Onset Times

Friday Afternoon and Evening

Weather Forecast Office
Wakefield, VA

Issued Jan 08, 2025 2:29 PM EST



- Snow will spread in from the south and west friday afternoon and evening.
- Snowfall rates will increase quickly as snow spreads east.

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Snow Character

January 9, 2025
8:00 AM

Fri 7 PM to Sat 1 AM

Fri 7 PM to Sat 1 AM

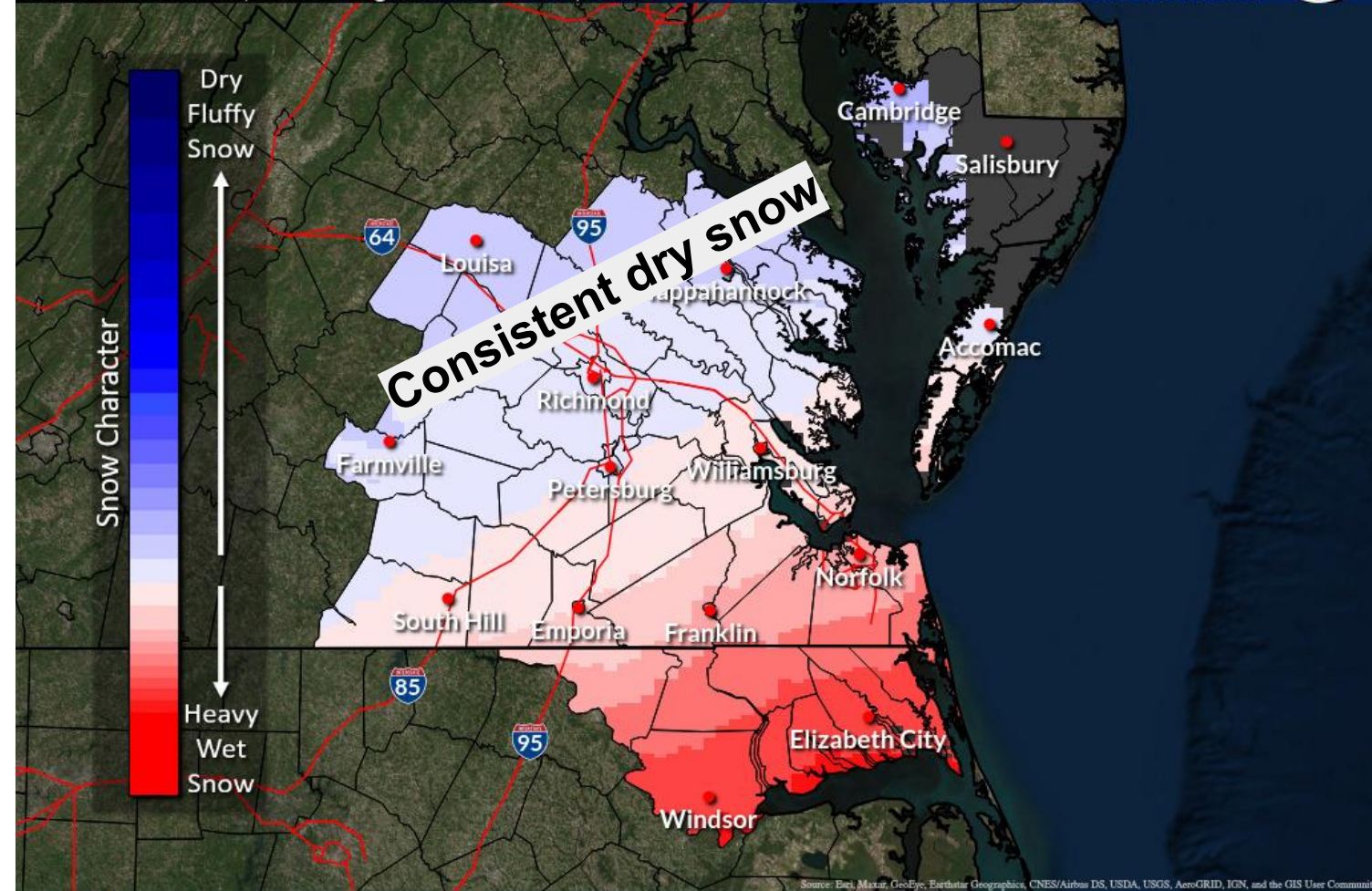
Snow Character (Wet or Dry)

Weather Forecast Office
Wakefield, VA



Valid 7 PM Fri Jan 10, 2025 through 1 AM Sat Jan 11, 2025

Issued Jan 09, 2025 5:15 AM EST



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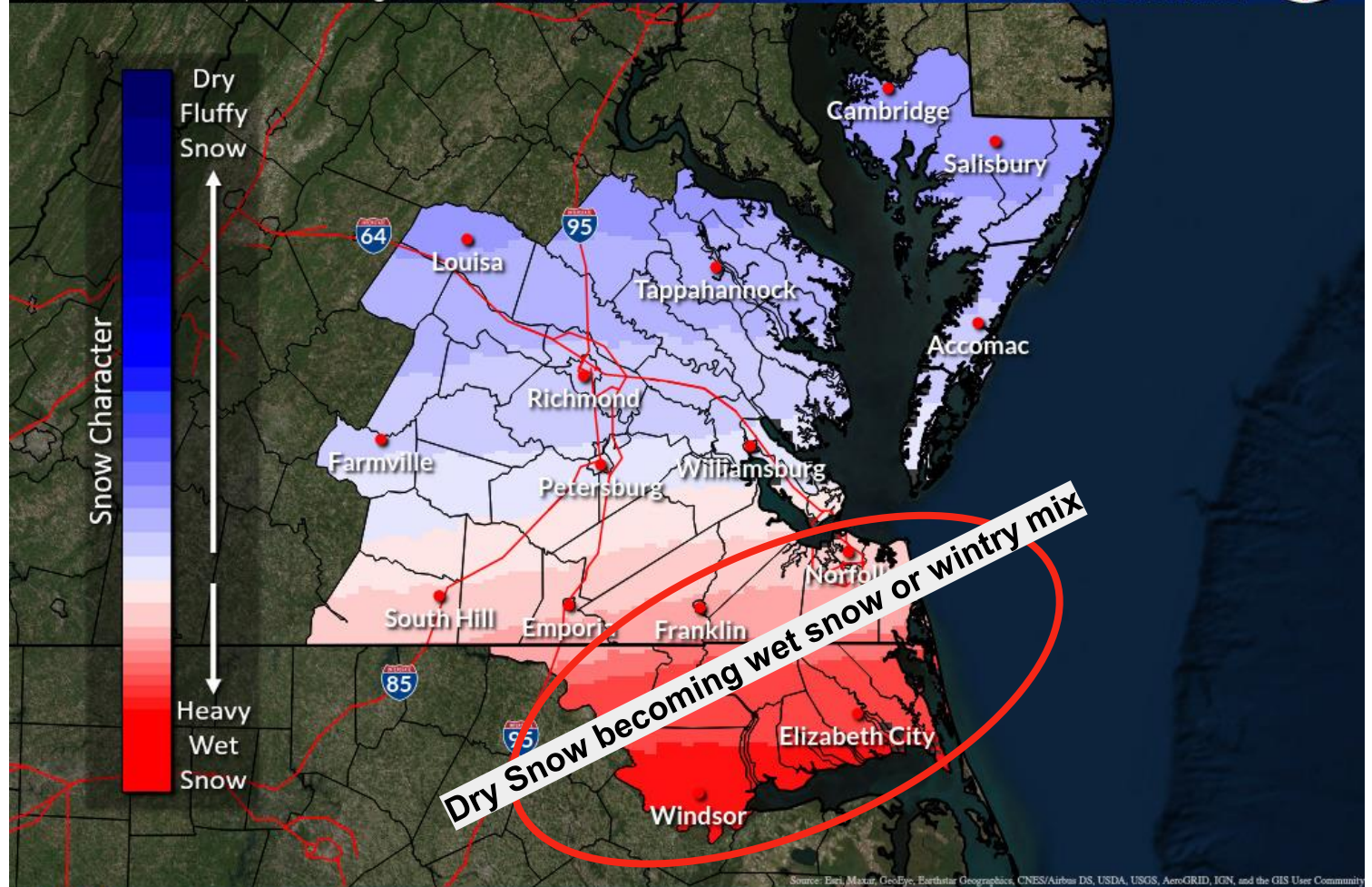
Snow Character (Wet or Dry)

Weather Forecast Office
Wakefield, VA



Valid 1 AM Sat Jan 11, 2025 through 7 AM Sat Jan 11, 2025

Issued Jan 09, 2025 5:15 AM EST



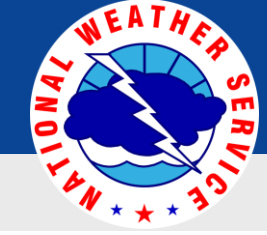
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Wakefield, VA



Precipitation Timing & Temperatures

January 9, 2025
8:00 AM

Weather Forecast

	1/10 Fri				1/11 Sat						
	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm
Accomac			☁	☁	☁	☁	☁	☁	☁		
Ahoskie			☁	☁	☁	☁	☁	☁	☁	☁	☁
Bowling Green			☁	☁	☁	☁	☁	☁	☁		
Cambridge				☁	☁	☁	☁	☁	☁		
Cape Charles			☁	☁	☁	☁	☁	☁	☁		
Corolla			☁	☁	☁	☁	☁	☁	☁	☁	☁
Edenton			☁	☁	☁	☁	☁	☁	☁	☁	☁
Elizabeth City			☁	☁	☁	☁	☁	☁	☁	☁	☁
Emporia			☁	☁	☁	☁	☁	☁	☁		
Farmville			☁	☁	☁	☁	☁	☁	☁		
Goochland			☁	☁	☁	☁	☁	☁	☁		
Louisa			☁	☁	☁	☁	☁	☁	☁		
Norfolk / Portsmouth			☁	☁	☁	☁	☁	☁	☁	☁	☁
Ocean City				☁	☁	☁	☁	☁	☁	☁	☁
Petersburg			☁	☁	☁	☁	☁	☁	☁		
Richmond			☁	☁	☁	☁	☁	☁	☁		
Salisbury					☁	☁	☁	☁	☁	☁	☁
Snow Hill					☁	☁	☁	☁	☁		
South Hill			☁	☁	☁	☁	☁	☁	☁		
Suffolk			☁	☁	☁	☁	☁	☁	☁	☁	☁
Tappahannock			☁	☁	☁	☁	☁	☁	☁		
Virginia Beach			☁	☁	☁	☁	☁	☁	☁	☁	☁
Wakefield			☁	☁	☁	☁	☁	☁	☁	☁	☁
Williamsburg			☁	☁	☁	☁	☁	☁	☁	☁	☁
Windsor			☁	☁	☁	☁	☁	☁	☁	☁	☁

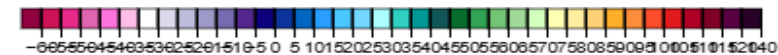
Created: 7 am EST Thu 1/9/2025. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation ≥ 0%.

- Rain +
- Fz Rain +
- Wintry Mix +
- Snow +

Created: 7 am EST Thu 1/9/2025 |

Maximum Temperature Forecast (°F)

	1/10 Fri					1/11 Sat						
	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm
Accomac	31	34	34	32	32	31	30	32	37	38	38	34
Ahoskie	31	37	37	33	31	29	28	30	36	42	42	34
Bowling Green	28	33	34	30	28	27	27	30	35	39	39	32
Cambridge	28	32	32	29	28	28	28	30	34	36	36	33
Cape Charles	31	34	36	35	35	34	33	34	36	39	39	38
Corolla	34	37	38	37	36	34	34	36	39	41	42	38
Edenton	32	38	39	36	33	32	31	33	38	43	43	37
Elizabeth City	33	38	38	35	32	31	30	32	38	42	42	36
Emporia	31	37	37	33	30	28	28	30	37	43	43	34
Farmville	29	34	35	32	29	28	28	30	36	41	40	33
Goochland	26	33	34	31	29	28	28	30	35	39	39	32
Louisa	26	33	33	30	28	27	28	29	35	39	38	31
Norfolk / Portsmouth	32	36	37	35	33	32	31	32	38	42	42	38
Ocean City	30	33	32	30	29	30	30	31	35	36	36	32
Petersburg	29	35	36	32	30	29	28	30	37	42	41	34
Richmond	27	33	34	31	29	28	28	30	35	39	40	34
Salisbury	29	32	32	29	27	28	28	30	34	36	37	33
Snow Hill	30	33	33	30	29	30	29	31	35	37	37	33
South Hill	30	35	36	33	30	28	29	31	38	42	41	35
Suffolk	32	37	38	34	32	31	30	31	37	42	42	36
Tappahannock	28	33	34	31	29	28	27	30	35	39	39	33
Virginia Beach	33	35	36	35	34	33	32	34	37	41	41	37
Wakefield	31	36	37	33	30	29	28	30	37	42	41	34
Williamsburg	31	36	36	33	31	30	29	31	37	42	41	35
Windsor	32	38	38	35	32	30	30	32	38	43	43	36



Maximum Temperature Forecast (°F)

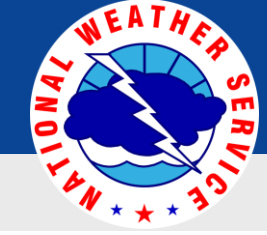
Created: 7 am EST Thu 1/9/2025 | Values are maximums over the period beginning at the time shown.



National Oceanic and Atmospheric Administration

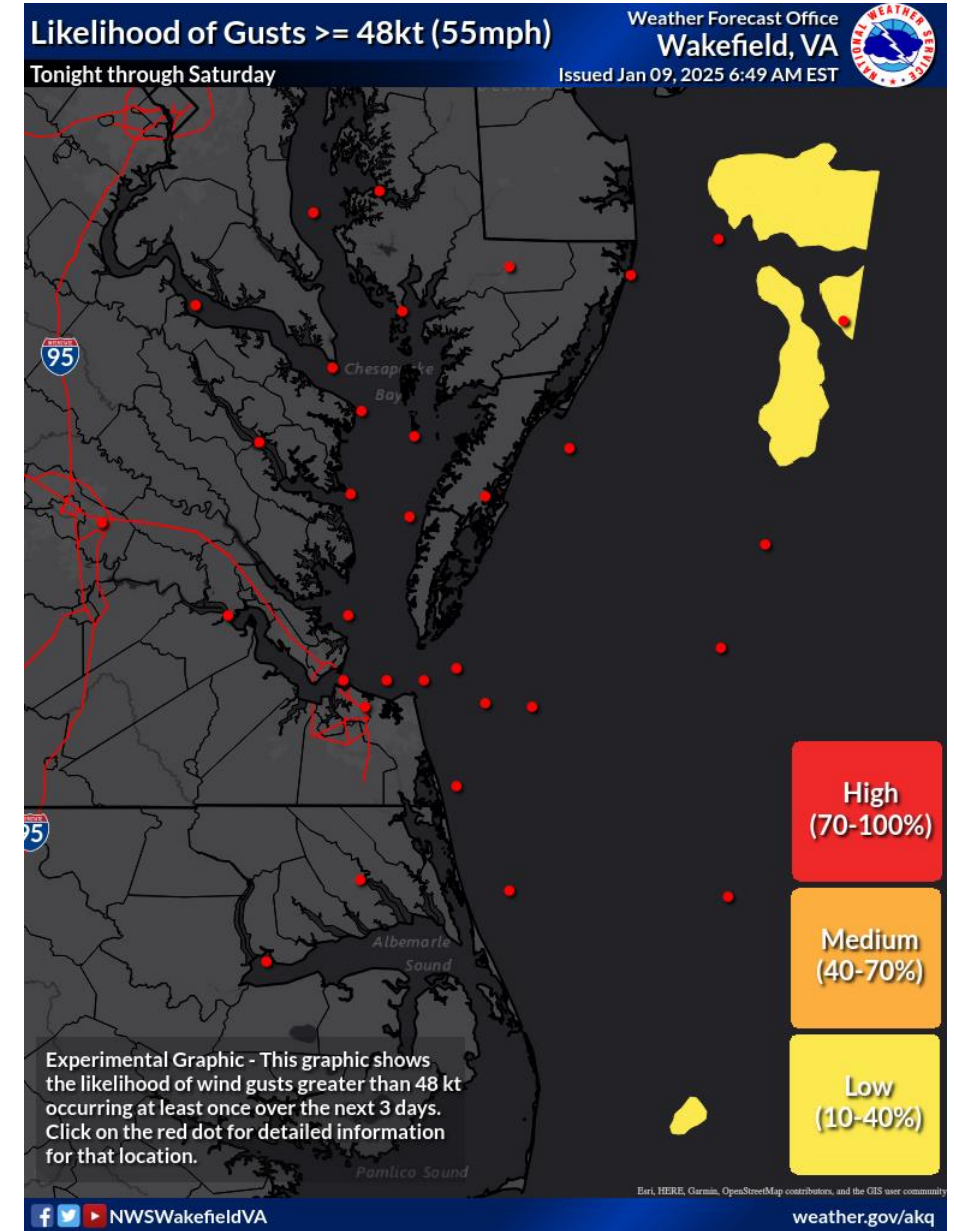
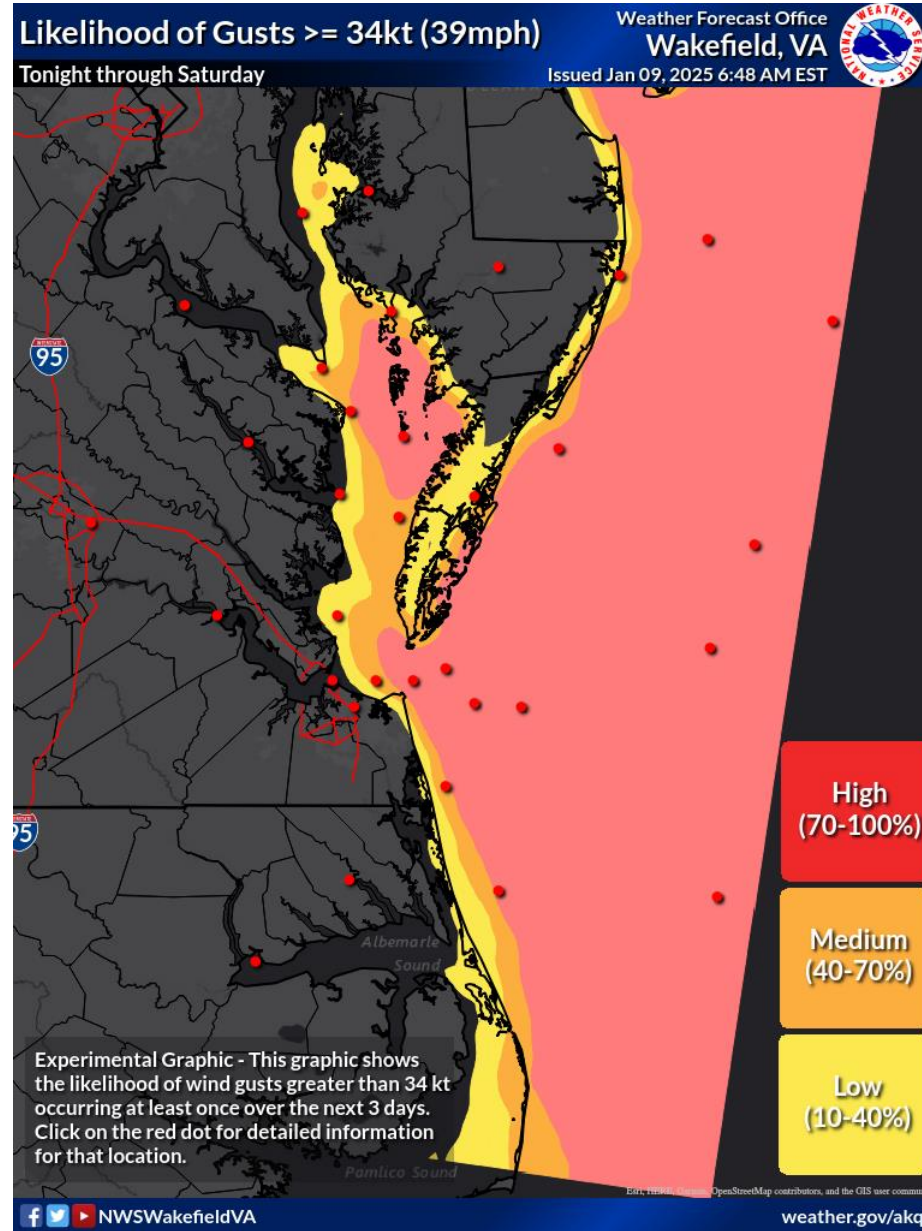
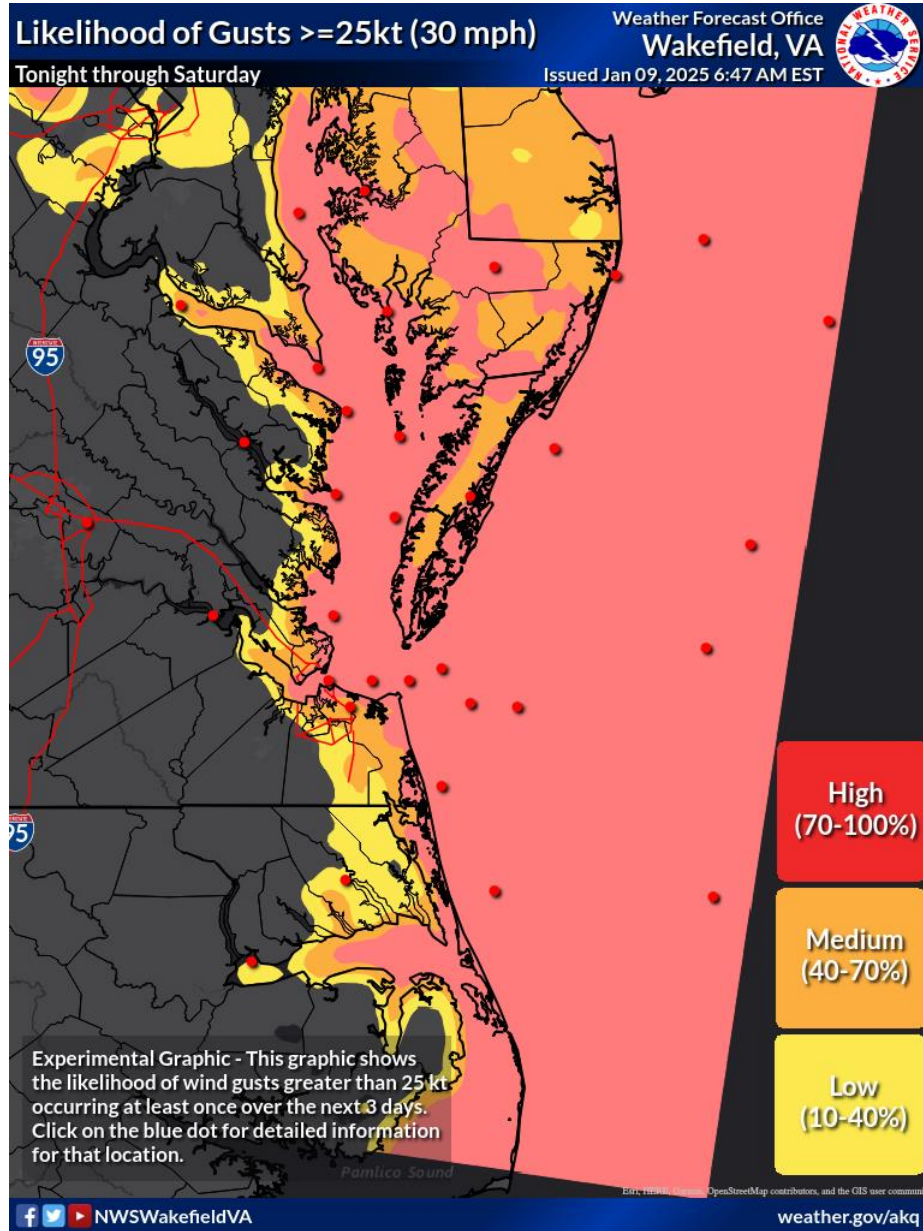
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National Weather Service
Wakefield, VA



Marine Wind Probabilities

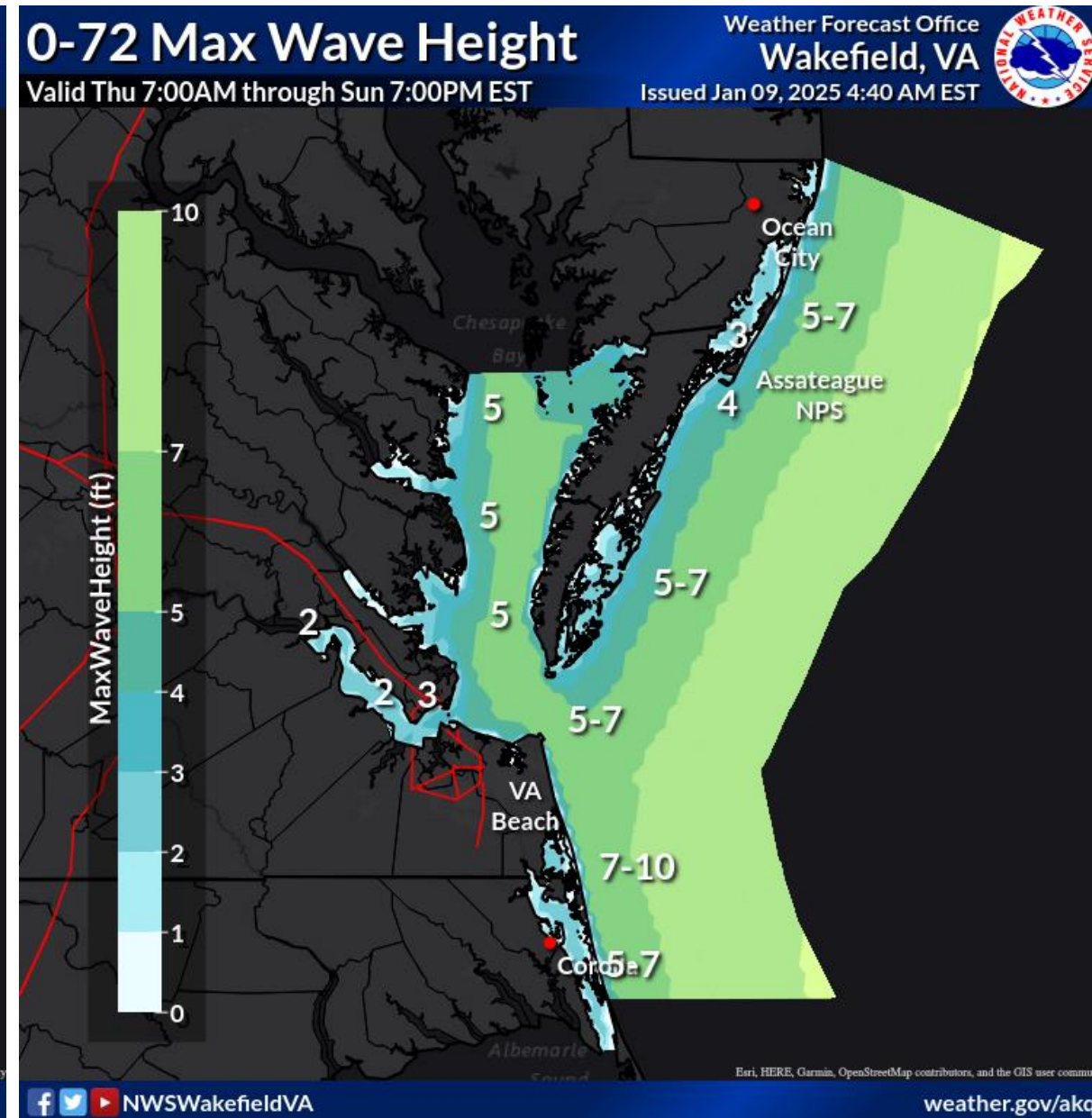
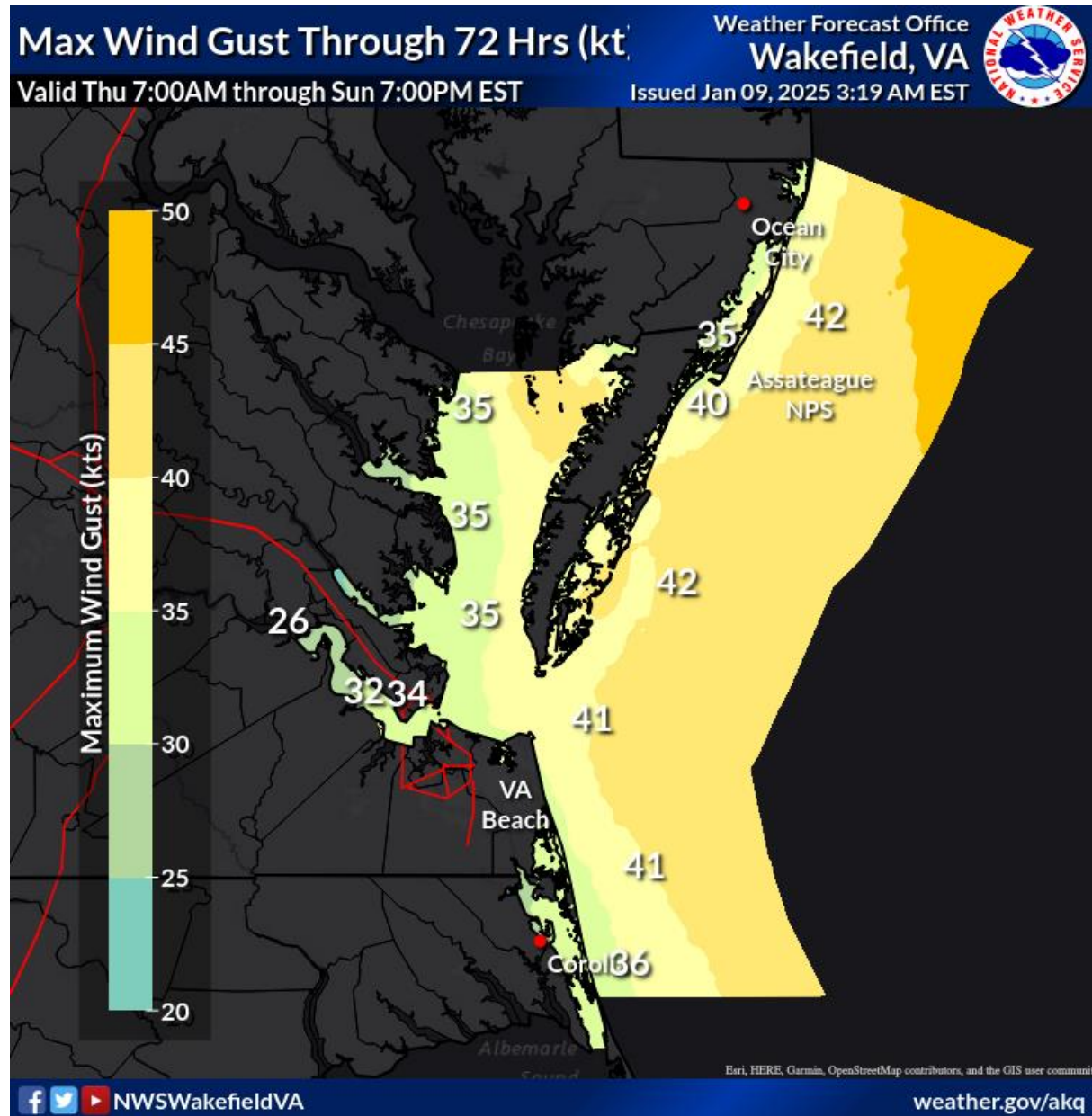
January 9, 2025
8:00 AM





Marine Threats

January 9, 2025
8:00 AM



Key Points:

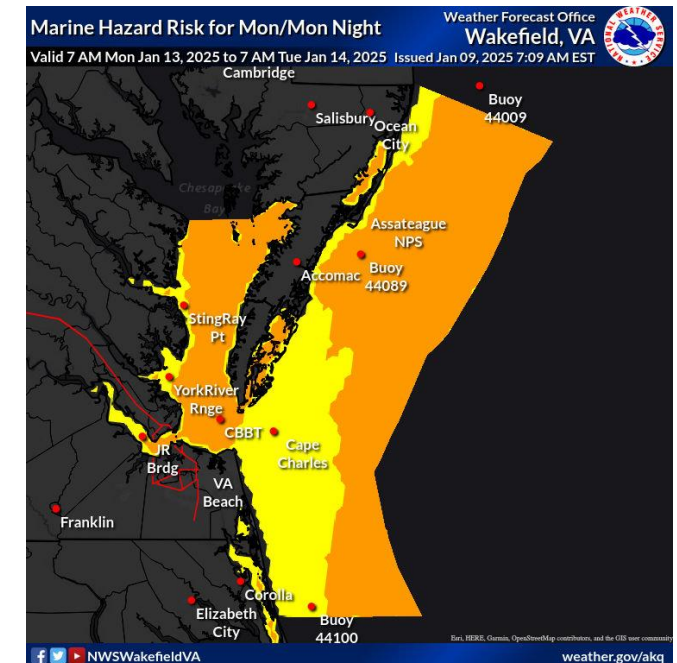
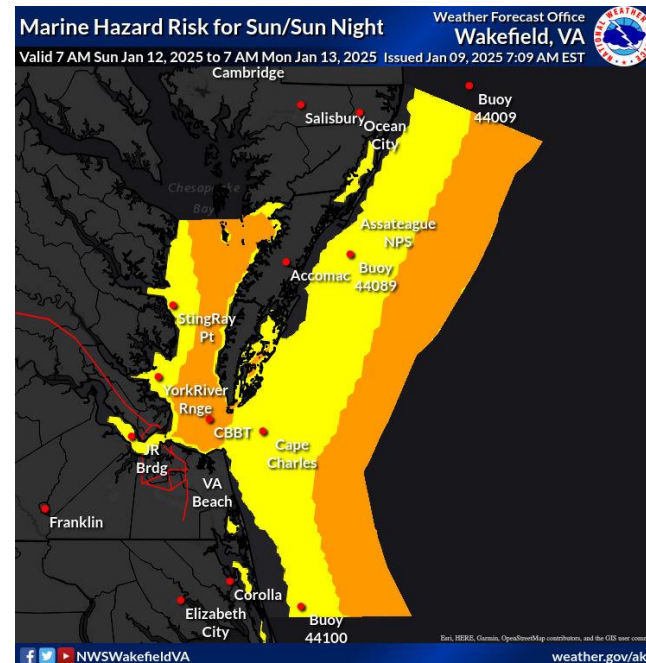
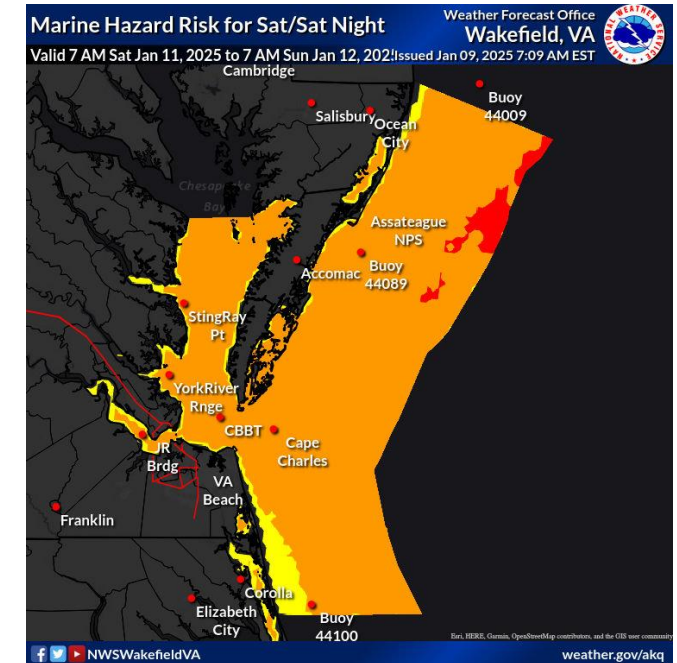
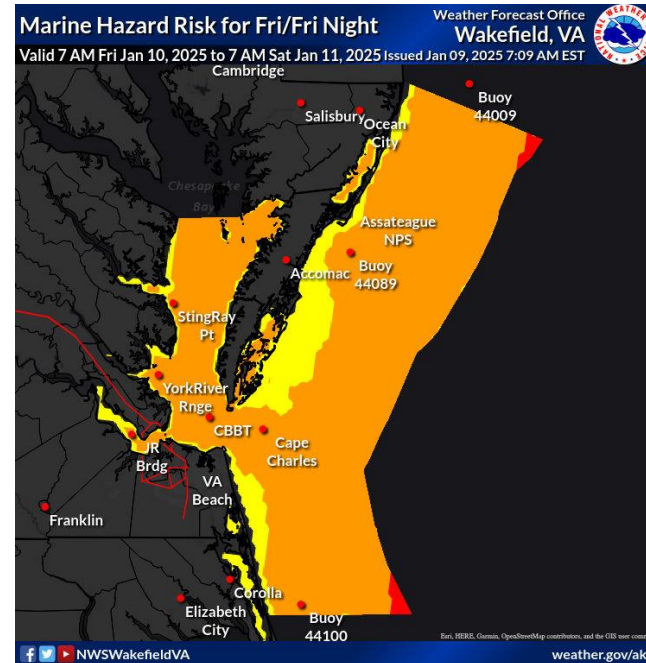
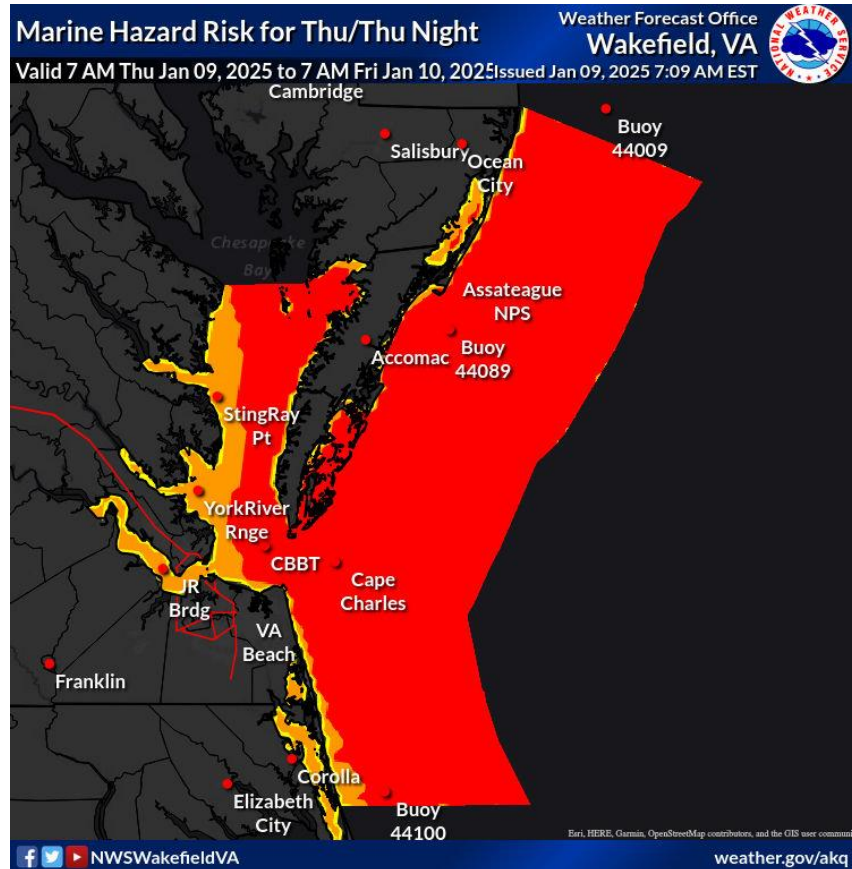
- Gale Warnings are in effect for the Chesapeake Bay and Atlantic Coastal Waters
- Winds decrease tonight into Friday as high pressure builds into the region.
- Additional Small Craft Advisories are likely Saturday afternoon into Sunday as low pressure moves offshore.

For Port specific forecast information visit: https://www.weather.gov/akq/dss_port



Marine Threat Potential - Next 5 Days

January 9, 2025
8:00 AM



Limited	Wind Gusts \geq 20 knots (15 kt Bay & rivers) and/or Waves \geq 4 feet (2 ft Bay & rivers).
Elevated	Wind Gusts \geq 25 knots (20 kt Bay & rivers) and/or Waves \geq 5 feet (\geq 4 ft Bay & rivers).
Significant	Wind Gusts \geq 34 knots and/or Waves \geq 8 feet (\geq 5 ft Bay & rivers).
Extreme	Wind Gusts \geq 48 knots and/or Waves \geq 12 feet (\geq 8 ft Bay & rivers).



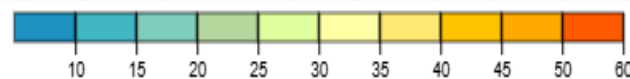


Marine Forecast Summary

January 9, 2025
8:00 AM

Maximum Wind Speed Forecast (kt)

	1/9 Thu		1/10 Fri		1/11 Sat		1/12 Sun		1/13 Mon		1/14 Tue		1/15 Wed										
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm										
CBBT	27	26	25	21	14	12	13	16	21	22	21	19	13	8	9	10	11	16	18	19	20	23	24
Cape Henry	27	26	25	21	14	11	13	16	21	23	21	19	13	8	10	10	11	17	19	19	20	23	24
Chesapeake Light	30	28	25	21	15	12	14	18	22	23	21	19	14	9	10	10	12	17	19	20	21	23	24
Chincoteague Shoal	28	27	26	22	14	11	12	14	22	24	20	18	13	9	9	9	11	16	20	22	23	24	24
Duck, NC	25	23	21	17	11	9	10	16	18	18	17	15	11	6	7	8	10	14	16	17	17	19	21
Fenwick Shoal	33	32	27	22	15	12	10	13	20	22	21	17	11	9	9	9	10	13	16	19	21	21	21
HRBT	23	22	20	19	11	9	11	14	18	18	18	16	12	7	8	9	11	14	16	18	18	20	20
JRB	21	19	18	16	9	9	10	12	16	16	14	13	9	7	7	8	10	13	14	15	16	18	19
New Point Comfort	23	22	21	18	11	11	12	13	17	19	17	15	10	7	8	9	9	13	15	17	18	20	21
Parramore Banks	30	28	25	20	14	10	12	14	21	23	20	18	12	8	8	9	10	15	19	20	20	22	23
Rappahannock Light	26	26	25	21	13	11	13	13	19	21	20	17	12	7	9	9	8	14	19	20	20	23	24
Tangier	28	27	26	22	14	12	13	14	21	23	21	18	13	9	10	9	9	16	20	21	21	25	26
Thimble Shoal	25	24	24	21	13	12	13	15	20	21	20	18	12	8	9	10	11	15	17	19	20	23	25

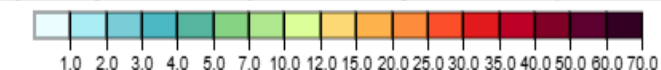


Maximum Wind Speed Forecast (kt)

Created: 8 am EST Thu 1/9/2025 | Values are maximums over the period beginning at the time shown.

Wave Height Forecast (feet)

	1/9 Thu		1/10 Fri		1/11 Sat		1/12 Sun		1/13 Mon		1/14 Tue		1/15 Wed
	12pm	12am	12pm	12am	12pm	12am	12pm	12am	12pm	12am	12pm	12am	12am
CBBT	5.0	4.0	2.0	2.0	3.0	3.0	2.0	1.0	2.0	3.0	4.0	5.0	
Cape Henry	5.0	5.0	3.0	3.0	4.0	4.0	3.0	1.0	3.0	3.0	4.0	4.0	
Chesapeake Light	7.0	6.0	4.0	3.0	5.0	5.0	3.0	2.0	3.0	4.0	6.0	6.0	
Chincoteague Shoal	5.0	4.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	4.0	4.0	4.0	
Duck, NC	5.0	5.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	4.0	5.0	5.0	
Fenwick Shoal	6.0	6.0	4.0	2.0	4.0	4.0	3.0	2.0	2.0	4.0	5.0	5.0	
HRBT	3.0	2.0	1.0	1.0	2.0	2.0	2.0	1.0	2.0	2.0	3.0	3.0	
JRB	2.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	
New Point Comfort	3.0	3.0	1.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0	3.0	4.0	
Parramore Banks	5.0	4.0	2.0	2.0	4.0	4.0	2.0	2.0	2.0	4.0	4.0	4.0	
Rappahannock Light	5.0	5.0	3.0	2.0	3.0	3.0	2.0	1.0	2.0	3.0	4.0	5.0	
Tangier	5.0	5.0	2.0	2.0	3.0	3.0	2.0	1.0	2.0	4.0	4.0	5.0	
Thimble Shoal	4.0	4.0	2.0	2.0	3.0	3.0	2.0	1.0	2.0	3.0	4.0	4.0	



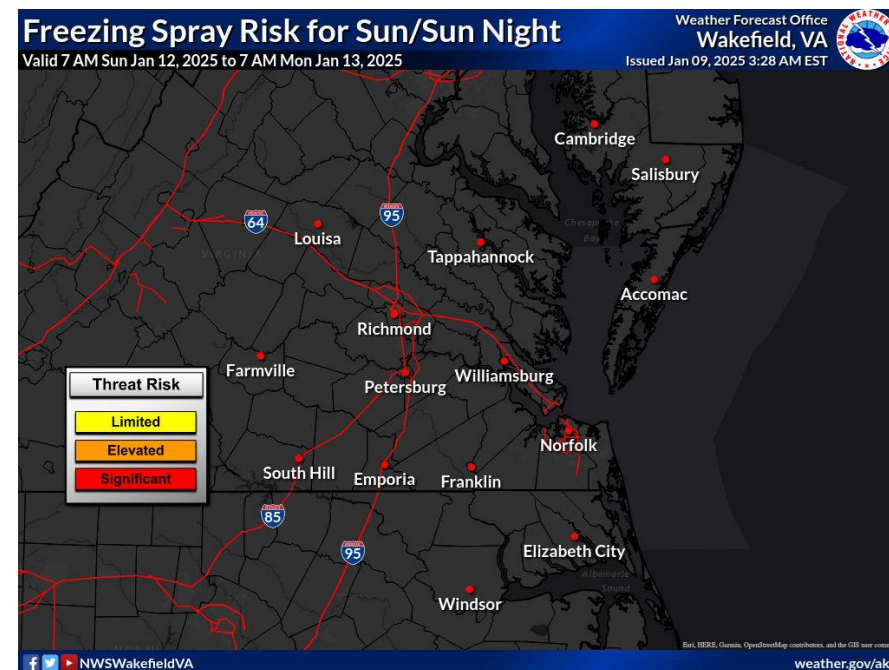
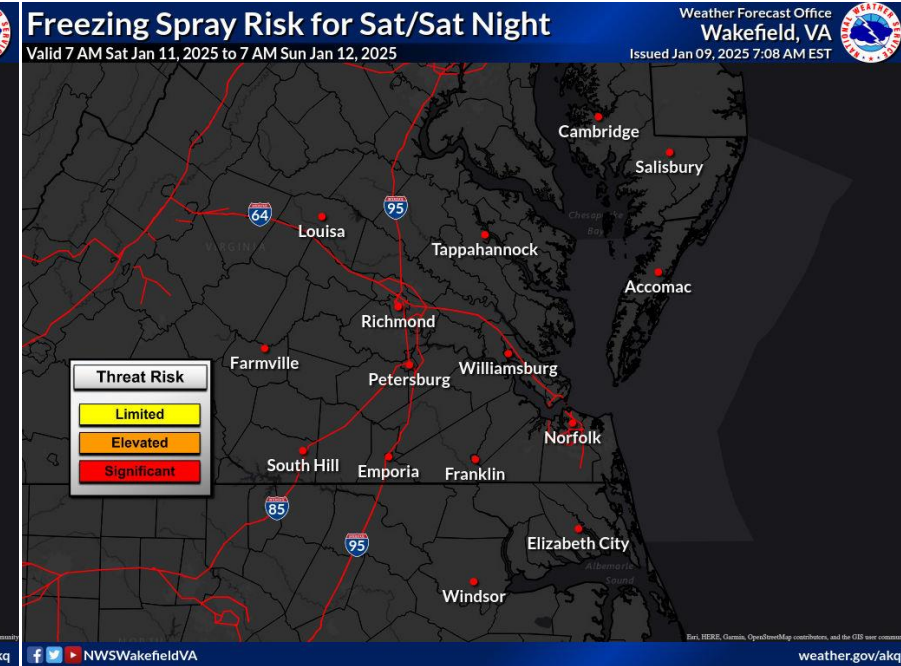
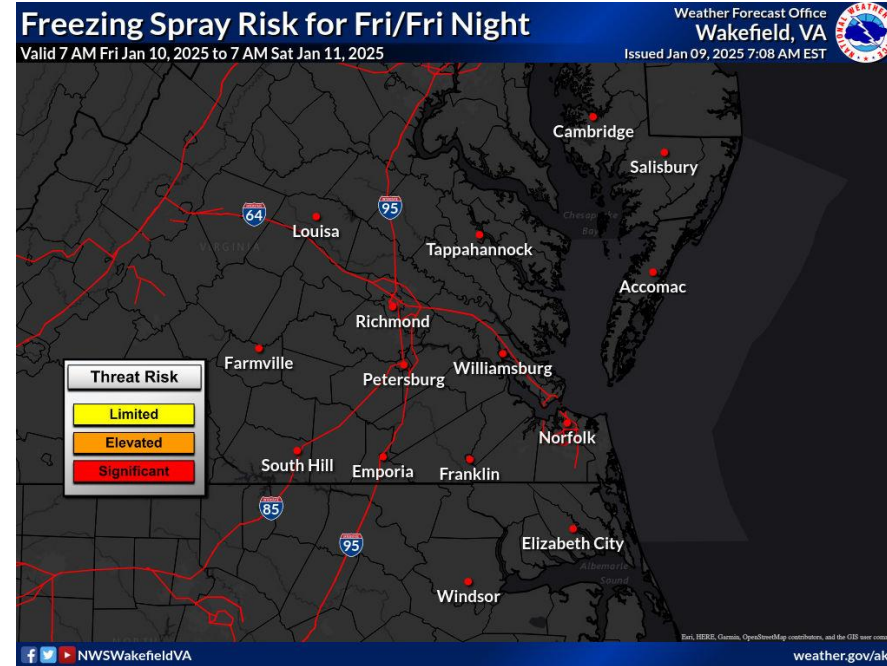
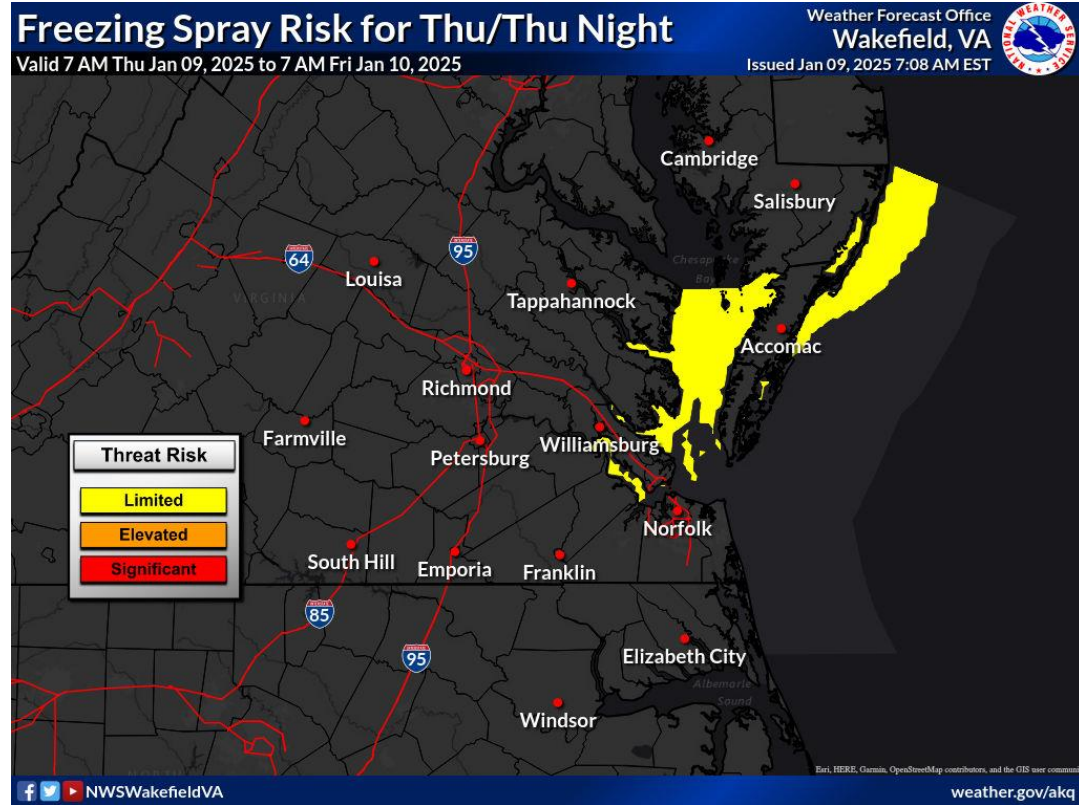
Wave Height Forecast (feet)

Created: 8 am EST Thu 1/9/2025 | Values are maximums over the period beginning at the time shown.



Freezing Spray Potential

January 9, 2025
8:00 AM



Limited	Light Freezing Spray Expected.
Elevated	Moderate Freezing Spray Expected.
Significant	Heavy Freezing Spray Expected.

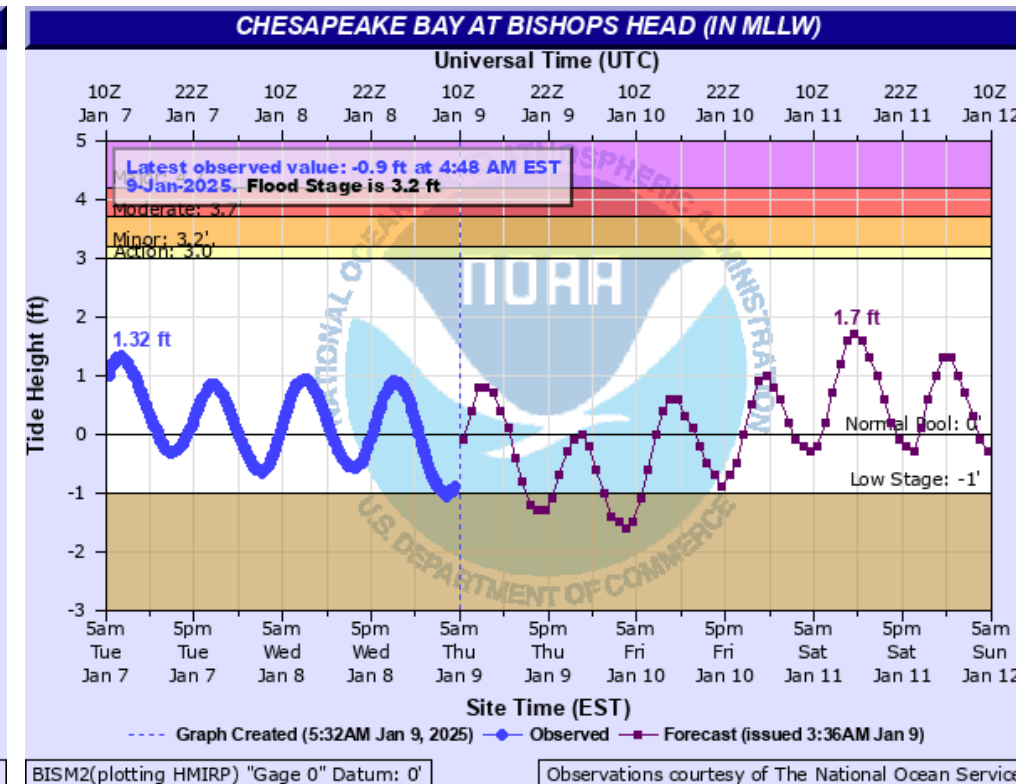
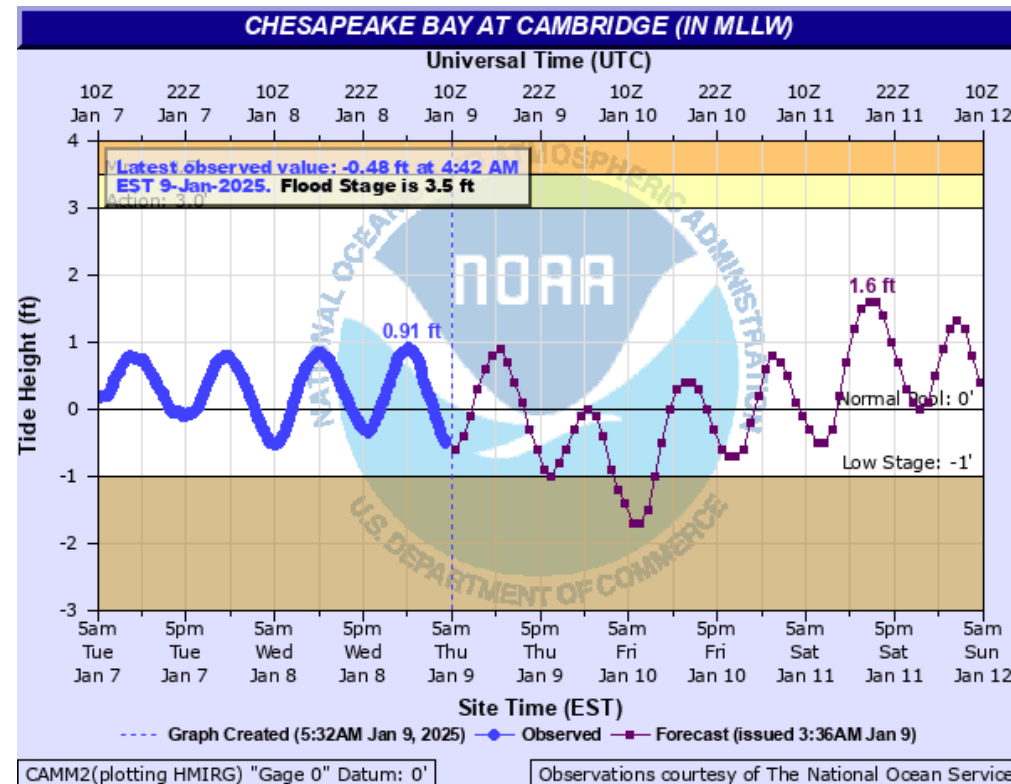
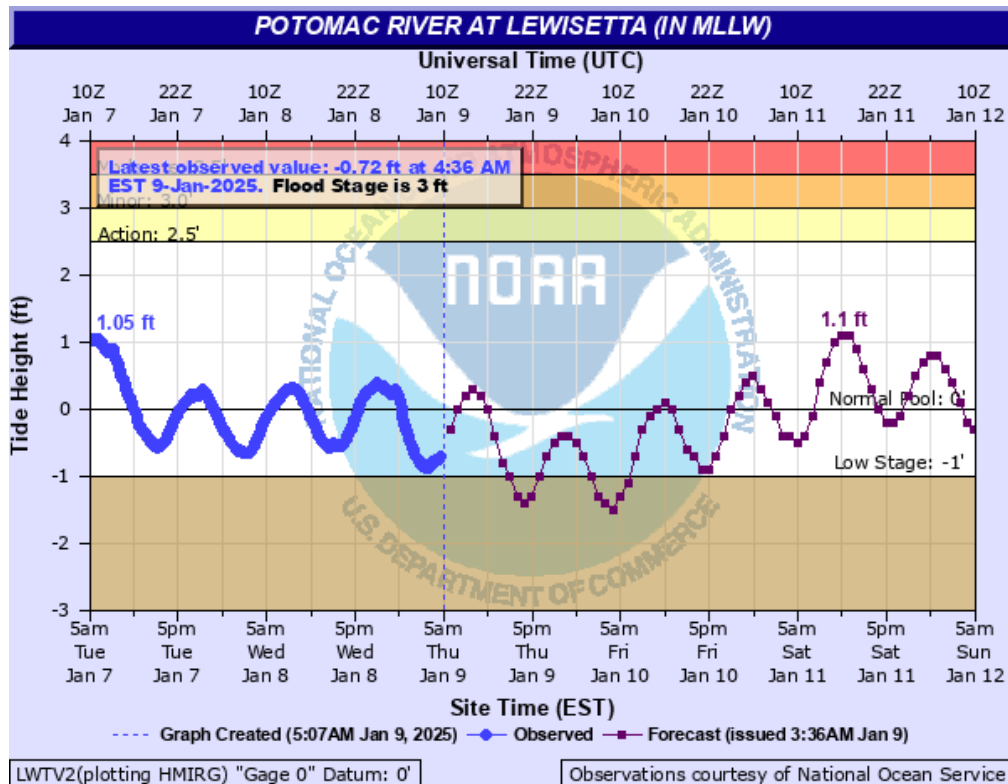




Tidal Overview - Upper Bay

January 9, 2025
8:00 AM

Note: All forecasts reference Mean Lower Low Water (MLLW).



Summary of Tidal Trends

- Increasing potential for a period of blowout tides producing low water.
- The area of greatest concern remains the middle and upper Chesapeake Bay. Low Water conditions are likely today and Friday.

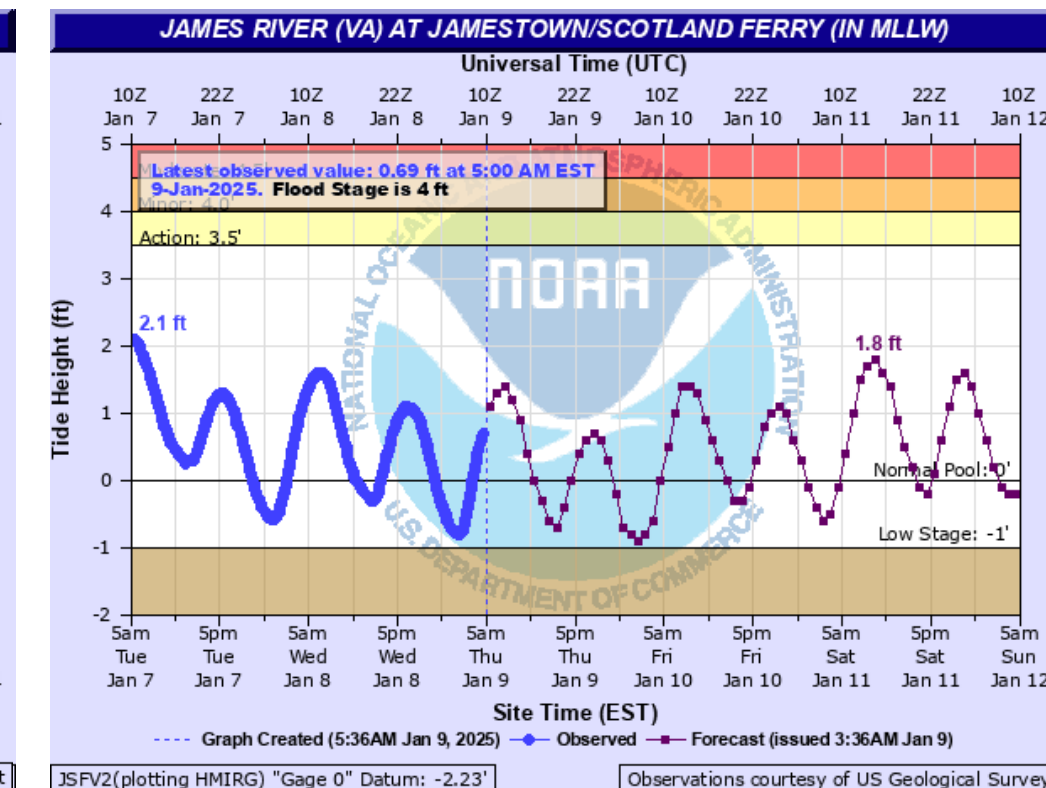
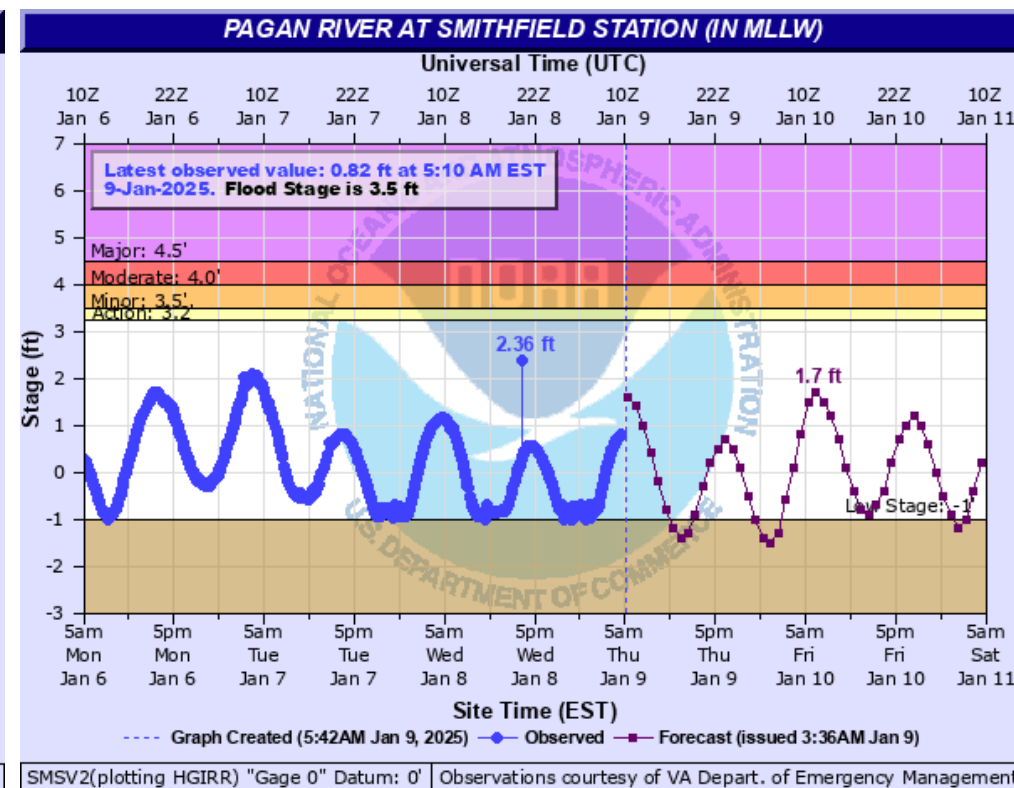
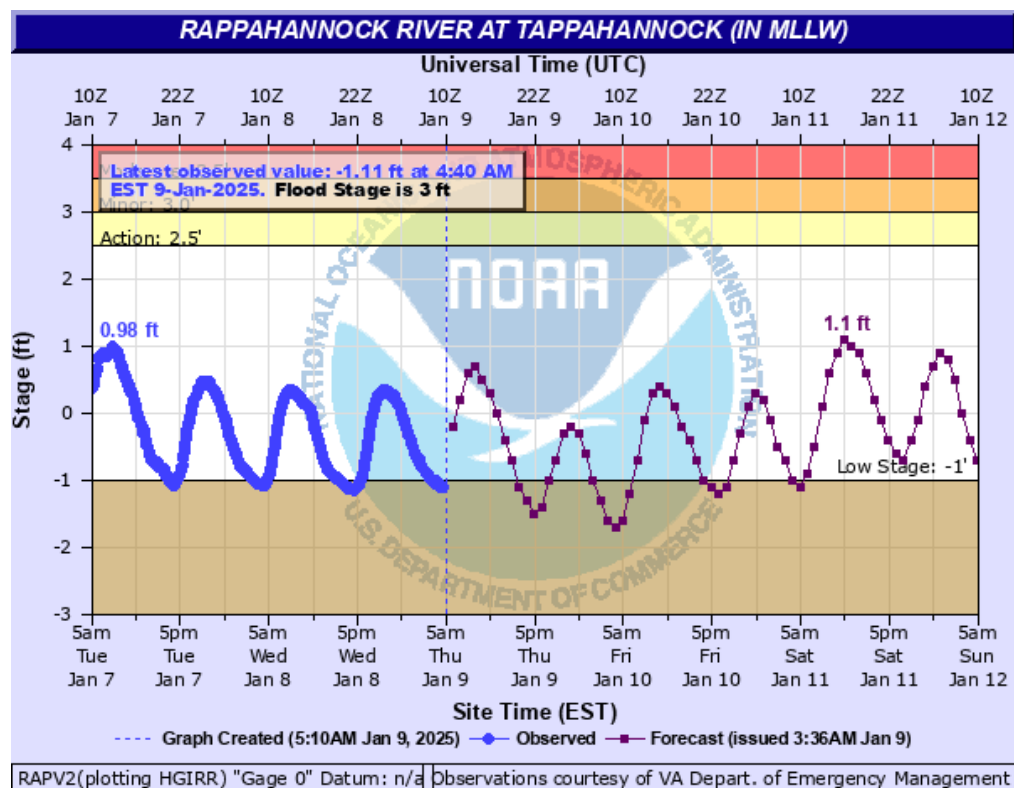
[Coastal Flood Webpage](#)



Tidal Overview - Eastern VA Rivers

January 9, 2025
8:00 AM

Note: All forecasts reference Mean Lower Low Water (MLLW).



Summary of Tidal Trends

- Potential for a period of blowout tides producing low water.
- The area of greatest concern remains the eastern VA rivers and the middle/upper Chesapeake Bay. Low Water Advisories have been issued for today. Additional advisories are likely tonight into Friday and may be needed Saturday morning.

[Coastal Flood Webpage](#)



Key Messages

January 9, 2025

8:00 AM

- **A winter storm will impact the entire region Friday evening into Saturday morning. A widespread 2 to 3 inches of snow is likely along with a band of more significant accumulations of 4 to 6 inches is possible.**
- **Ice accumulations are possible across southern and southeastern VA and northeast NC, with the highest ice accumulations focused across northeast NC where as much as 0.10" may accumulate.**
- **Onset of snow will be around 6 to 10 pm Friday, increasing in intensity late Friday night and through the late night/early morning hours Saturday. Snow mixes with or changes over to freezing rain and/or sleet across southern portions of the area Friday night.**
- **A band of heavier snow with higher snowfall rates over portions of south central VA, Central VA and eastern VA is possible. The exact location and size of this heavier band is still uncertain.**
- **Following the snowfall, temperatures plummet once again into the teens and low 20s Saturday night with highs Sunday in the mid to upper 30s. Lows in the teens again Sunday night. Melting and refreezing is expected into early next week.**
- **Marine Weather** - Gale conditions persist through today. Winds decrease later this evening into tonight. Small Craft Advisory conditions are then expected later tonight. Gales are NOT expected with the winter storm.





Contact and Next Briefing Information

January 9, 2025
8:00 AM

For NWS Wakefield, Virginia



Briefing Webpage

→ [NWS Wakefield Briefing](#)



Next Briefing

- By 4:00 PM, January 9, 2025
- Method: Email



Disclaimer

- Information contained in this briefing is time-sensitive
- See www.weather.gov/akq for the latest information



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