



Winter Storm Briefing #2

January 3, 2025

4:43 PM

Prepared by National Weather Service Wakefield, VA

Winter Storm Briefing

- Covering the period Thursday through Tuesday January 3-9, 2024
- **NEXT UPDATE Saturday by 8 AM addressing the winter weather event**

Disclaimer:

- This briefing represents forecast weather and potential threats for the upcoming winter event based on the date and time of issuance.
- Always consult [weather.gov/wakefield](https://www.weather.gov/wakefield) for the latest information.





Highlights

January 3, 2025

4:43 PM

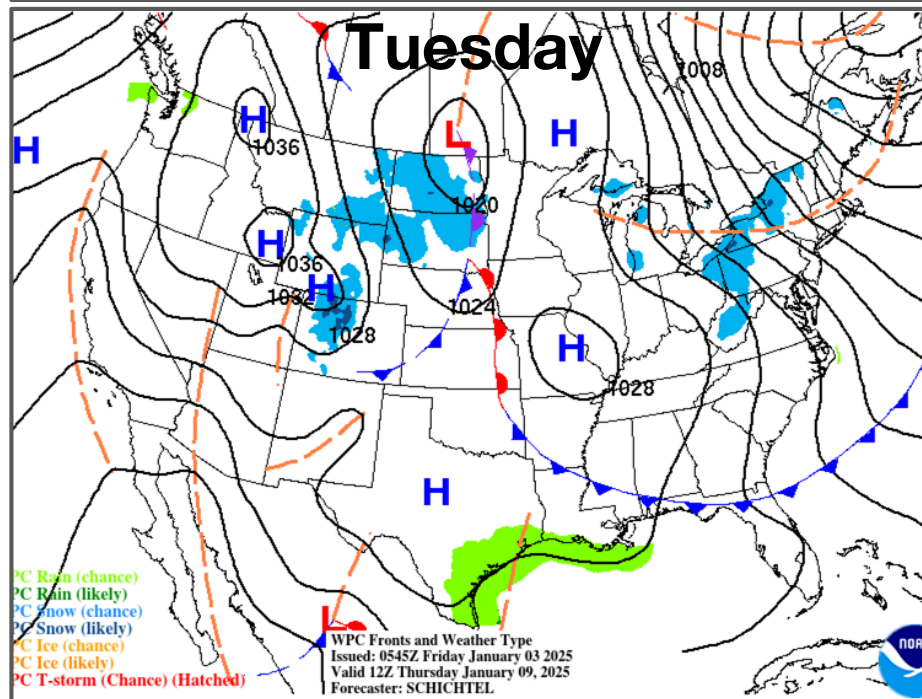
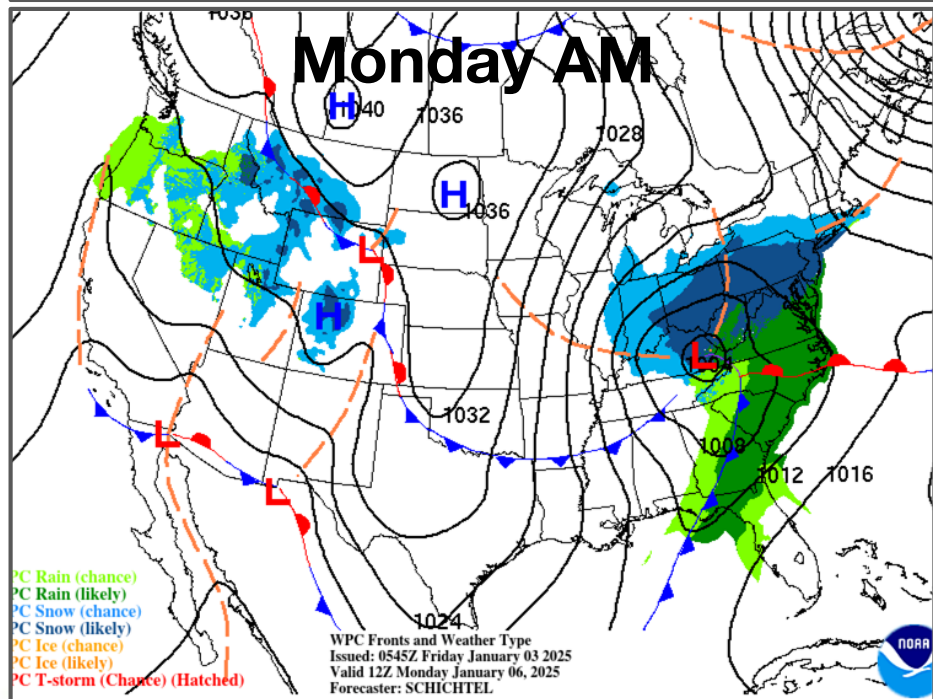
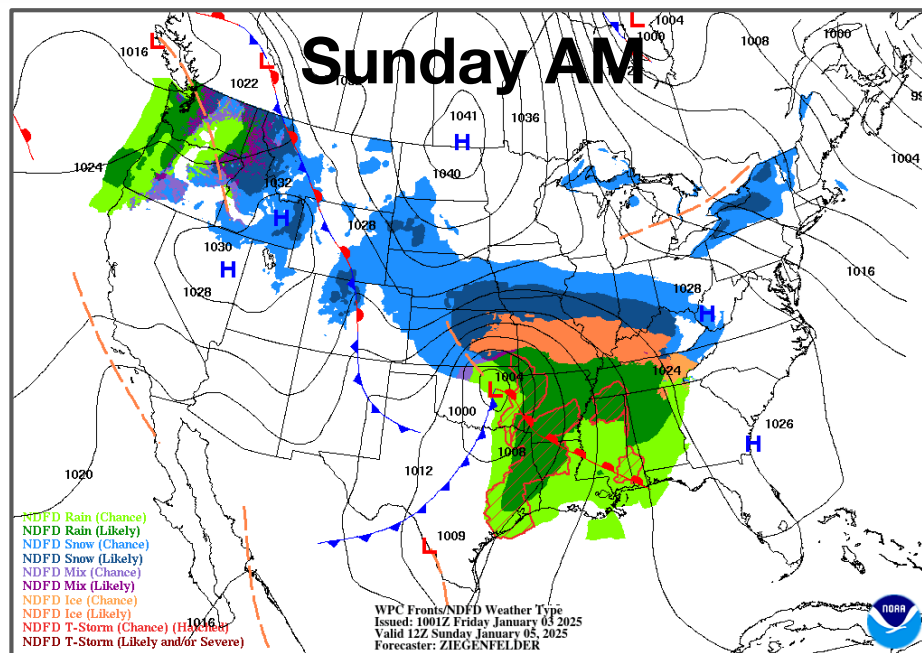
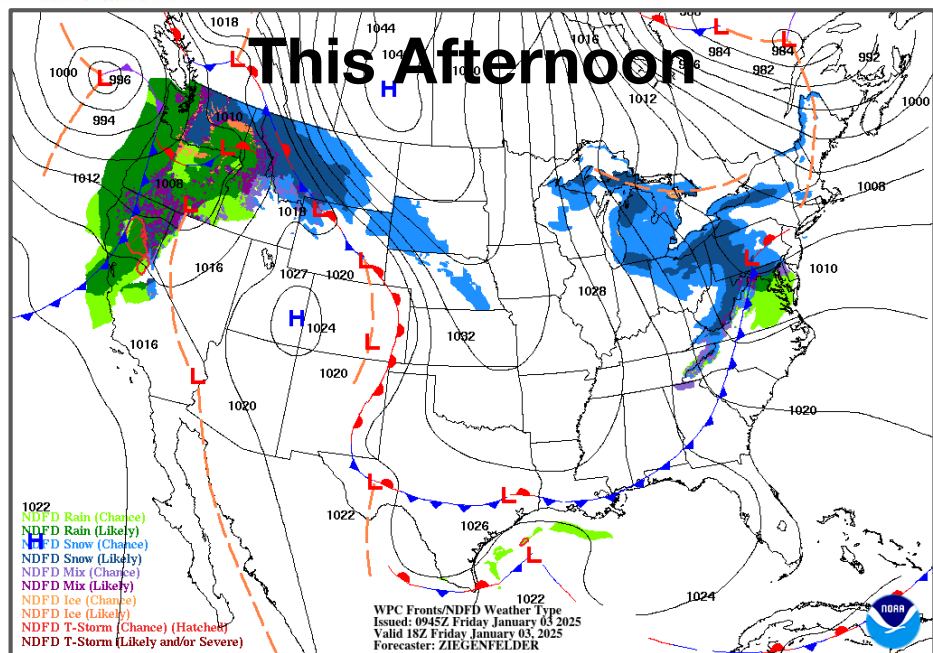
- Not much change to the forecast with a **brief period of wintry precipitation with rain mixed with snow late this afternoon and evening**. No significant snow accumulation is expected, and precipitation should be rather limited. **Any impacts to freezing on road surfaces should be limited to the MD Eastern Shore where precipitation will end and temperatures drop to near freezing.**
- There remains a risk of an impactful winter event from snow and freezing rain Sunday evening through Monday. While exact amounts are uncertain, snow along with some freezing rain will be significant enough to impact travel across a broad area of central and northern VA. Main impacts will be Sunday evening and into Monday.
- **Winter Storm Watches, Warnings and Advisories will likely be issued with later updates.**
- Bitterly cold temperatures are expected next week following the winter event with daytime highs potentially remaining below freezing for a good portion of next week.
- **Marine Weather** - Gale Warnings are in effect for tonight through Saturday. Winds will decrease Sunday and Monday. Winds increase again later on Monday and Tuesday with gales possible.





This Week's Weather Pattern

January 3, 2025
4:43 PM



Key Points:

- The initial cold front is moving through this evening bring some brief rain and snow across portions of VA and the Eastern Shore with little to no accumulation.
- Much colder this weekend with a stronger system approaching from the west Sunday into Monday.
- Wintry weather is expected Sunday evening into Monday with snow, sleet and freezing rain all possible.
- Behind this stronger system temperatures will plunge next week.



Expected Snow This Evening / Tonight

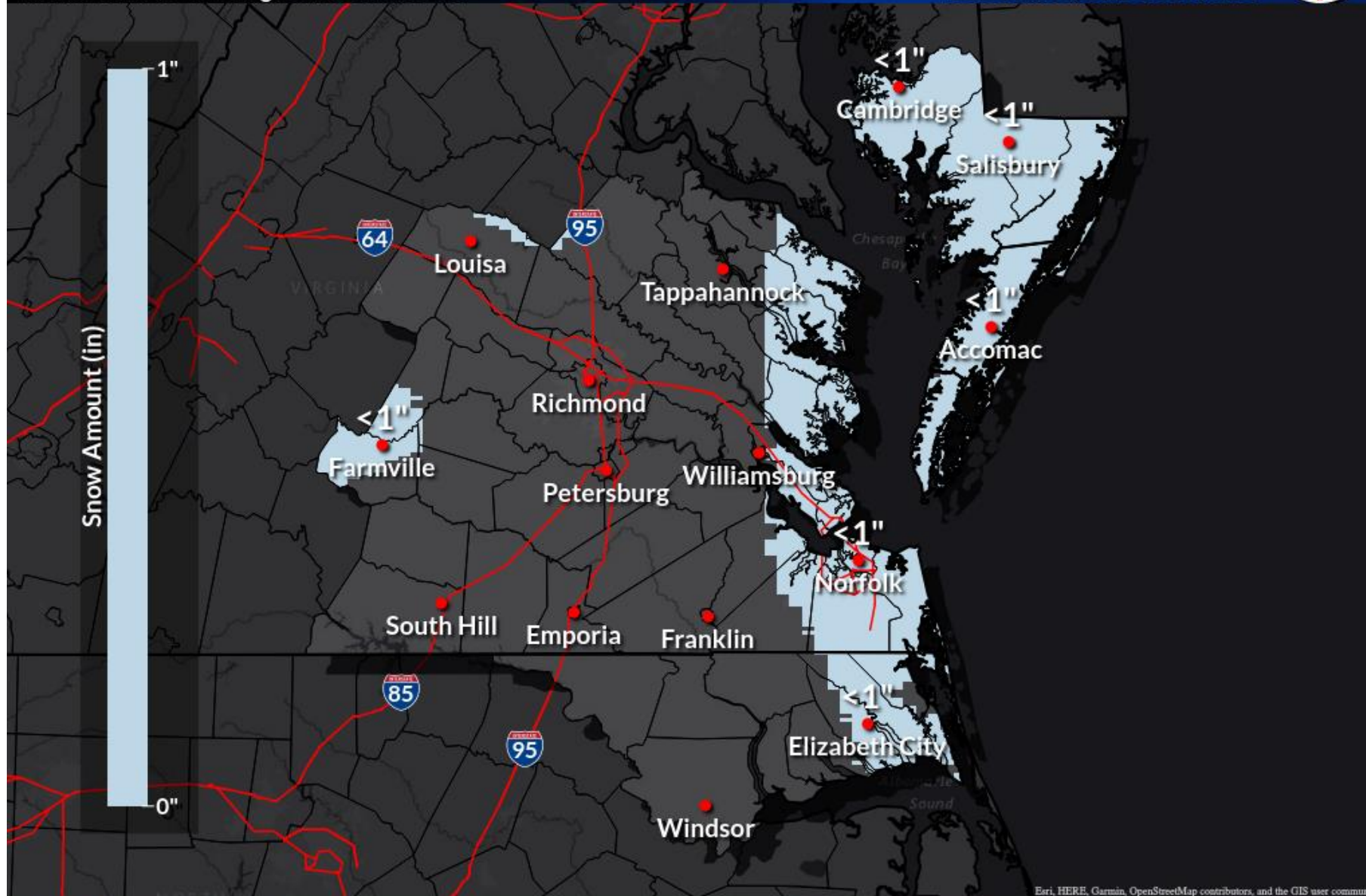
January 3, 2025
4:43 PM

Day 1 Snow Totals

Valid Fri 7:00AM through Sat 7:00AM EST

Weather Forecast Office
Wakefield, VA

Issued Jan 03, 2025 5:02 AM EST



- Overview: Showers will mix with snow this evening/night.
- Impacts: Only very a small amount of precipitation is expected with no snow accumulation expected. **A dusting of snow is possible over the MD Eastern Shore this evening which could cause monir travel impacts late tonight and Saturday morning.**
- More wintry weather is expected late Sunday into Monday.

NWSWakefieldVA

[weather.gov/akq](https://www.weather.gov/akq)



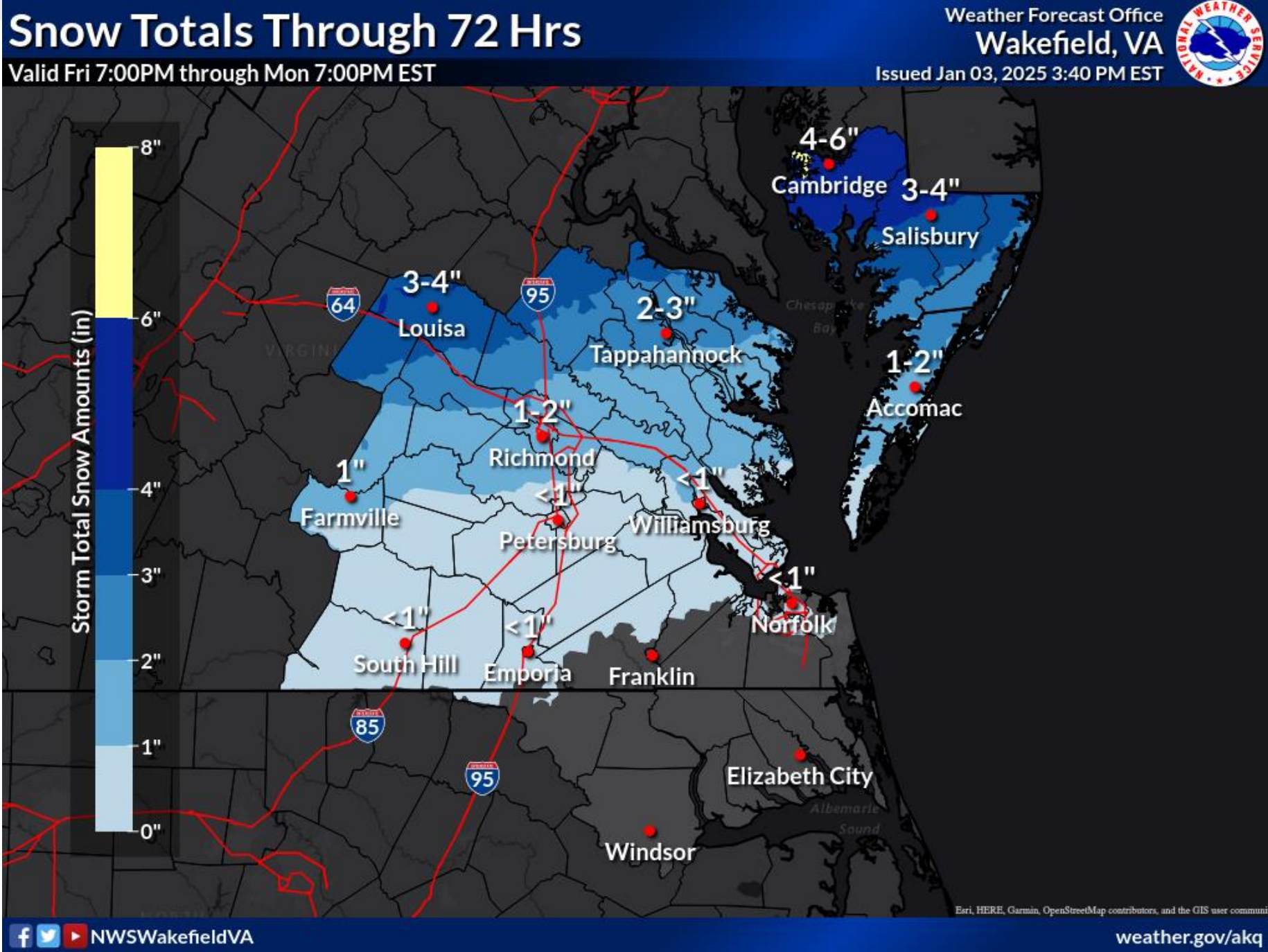
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Wakefield, VA



First Guess Snow Forecast Through Mon 7PM

January 3, 2025
4:43 PM



- While confidence is not certain in exact snow amounts, significant snow accumulations are possible across portions of central and northern VA. *Forecast will change so please keep up with the late information.*
- Confidence in wintry precipitation Sunday night into Monday continues with temperatures expected to be below freezing Sun night into Mon morning.
- Generally more snow is still expected from central VA north and totals could increase. Snow will mix with freezing rain and sleet over portions of central and south central VA.
- **Impacts to travel are expected across much of the area Monday morning.** Bitterly cold temperatures are expected the rest of the week.
- Some snow may persist into Monday evening.



High End Snow Amount Potential

January 3, 2025
4:43 PM

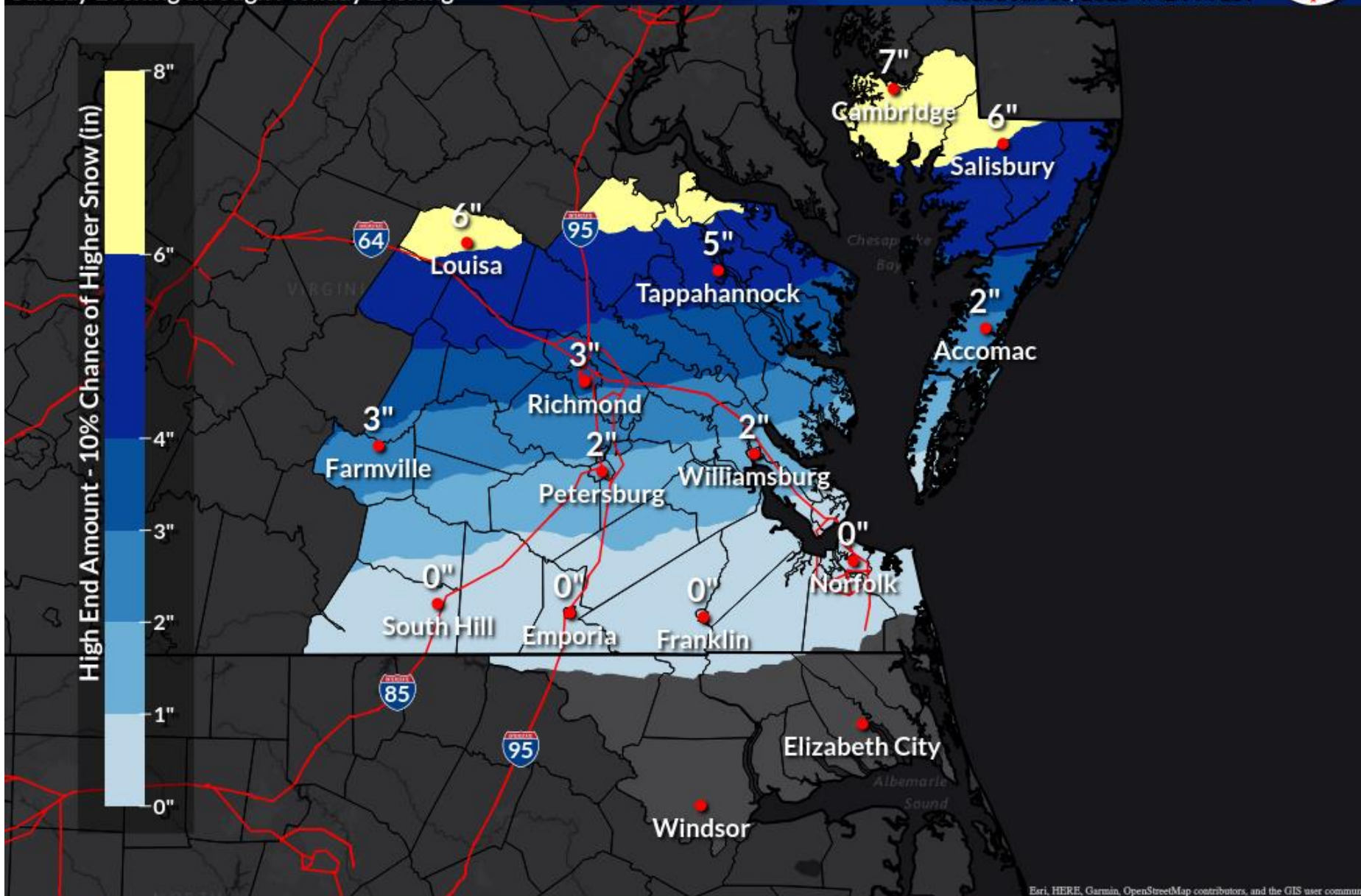
Worst Case Snow Potential

Weather Forecast Office
Wakefield, VA



Sunday Evening through Monday Evening

Issued Jan 03, 2025 4:42 PM EST



- Worst case potential snowfall (1 in 10 chance) should snow last longer and temperatures remain colder. This is useful for planning purposes in case forecast snow totals increase. Forecast snow may increase with later updates.
- This represents a reasonable worst case scenario for planning purposes, or a 10% chance of exceeding these amounts.

NWSWakefieldVA

weather.gov/akq



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Wakefield, VA



Expected Ice Forecast

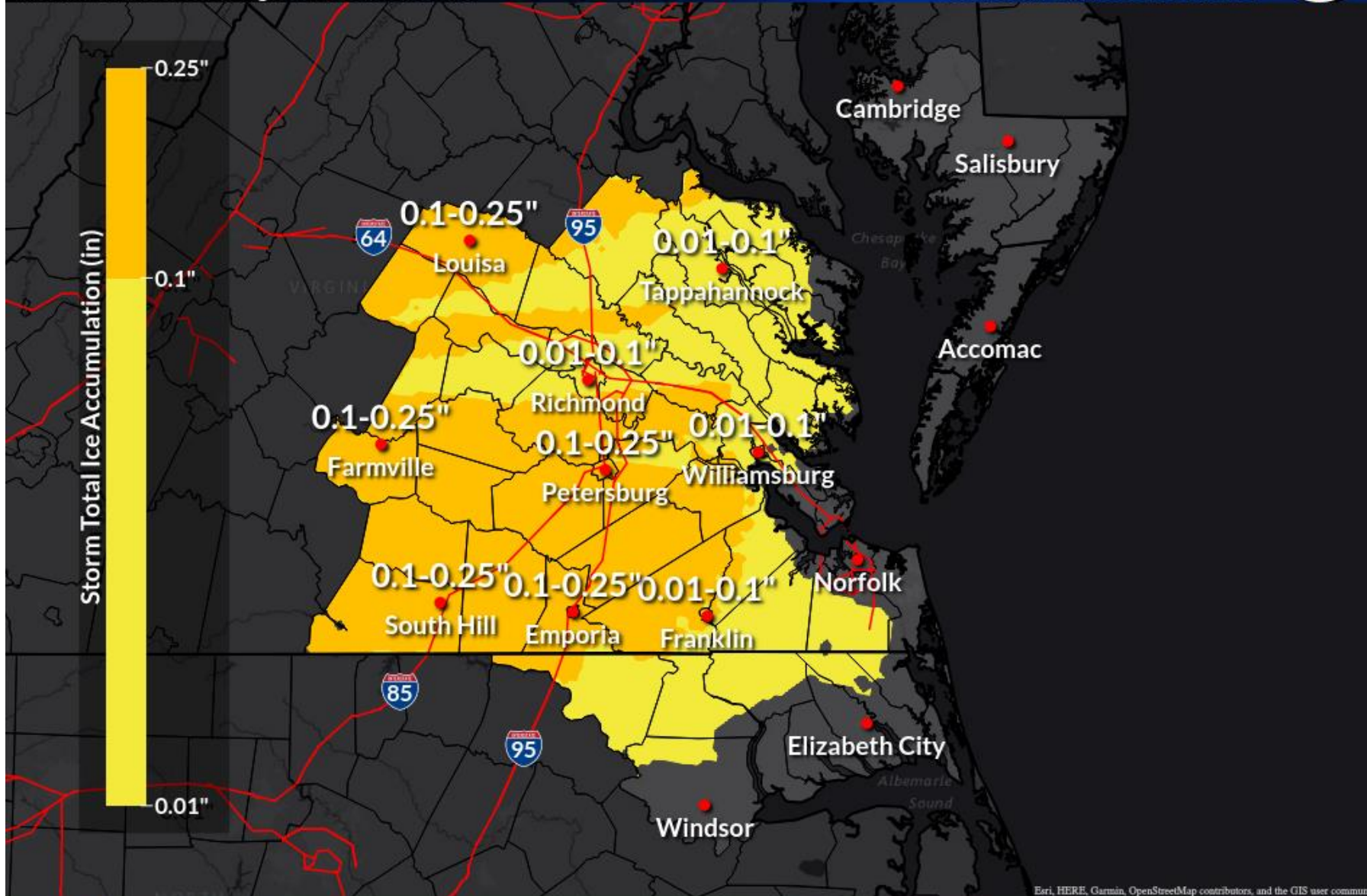
January 3, 2025
4:43 PM

Ice Totals Through 72 Hrs

Valid Fri 7:00PM through Mon 7:00PM EST

Weather Forecast Office
Wakefield, VA

Issued Jan 03, 2025 3:40 PM EST



NWSWakefieldVA

weather.gov/akq

Snow mixing with and changing to freezing rain is expected over portions of central, south central and western VA.

The exact amount of ice and the northern extent of ice from freezing rain remains uncertain.

Ice accumulations could result in some power outages and down trees.

Please keep up with the latest forecasts.



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Wakefield, VA



Snow Accumulation Potential - 1 and 2"

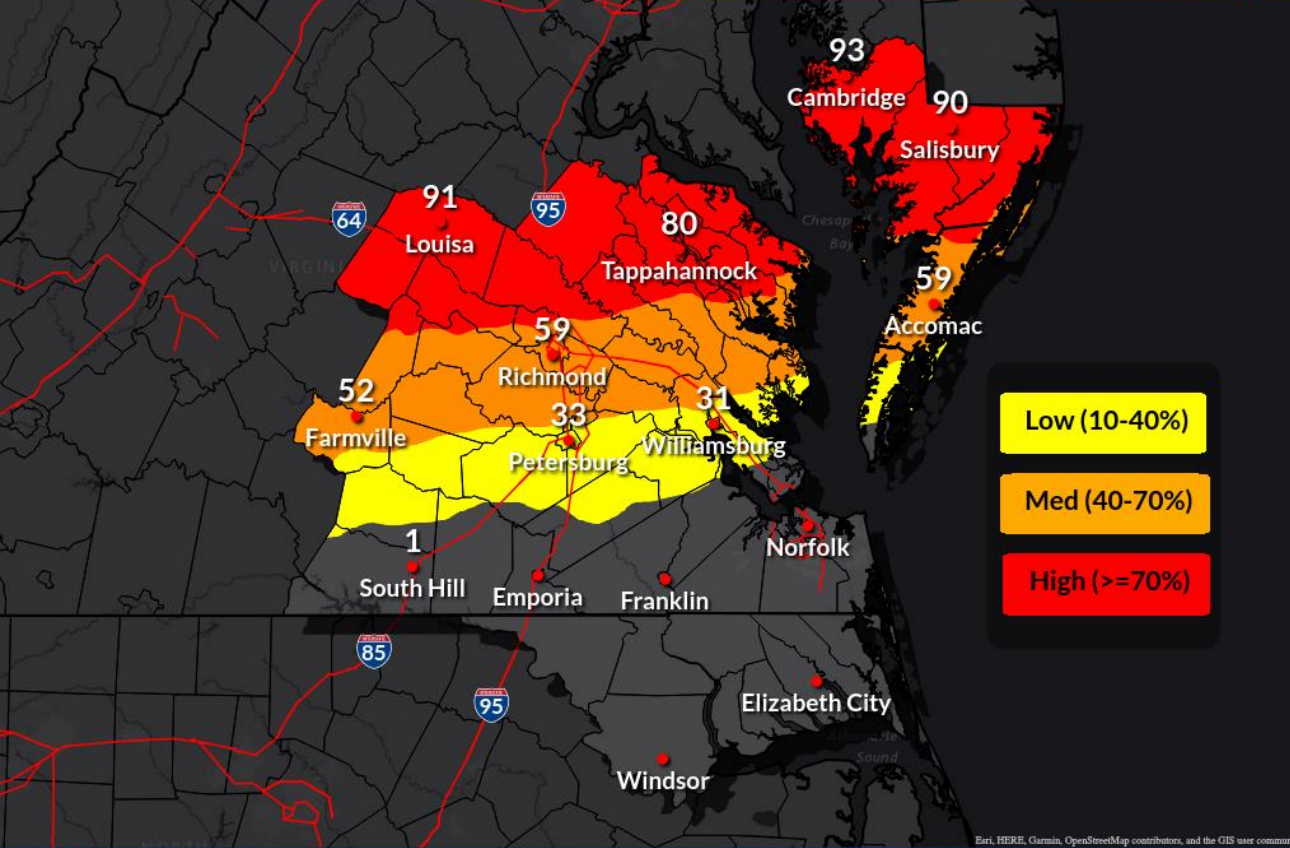
January 3, 2025
4:43 PM

Likelihood of at least 1" Snow

Valid Fri 7:00PM through Mon 7:00PM EST

Weather Forecast Office
Wakefield, VA

Issued Jan 03, 2025 3:36 PM EST



NWSWakefieldVA

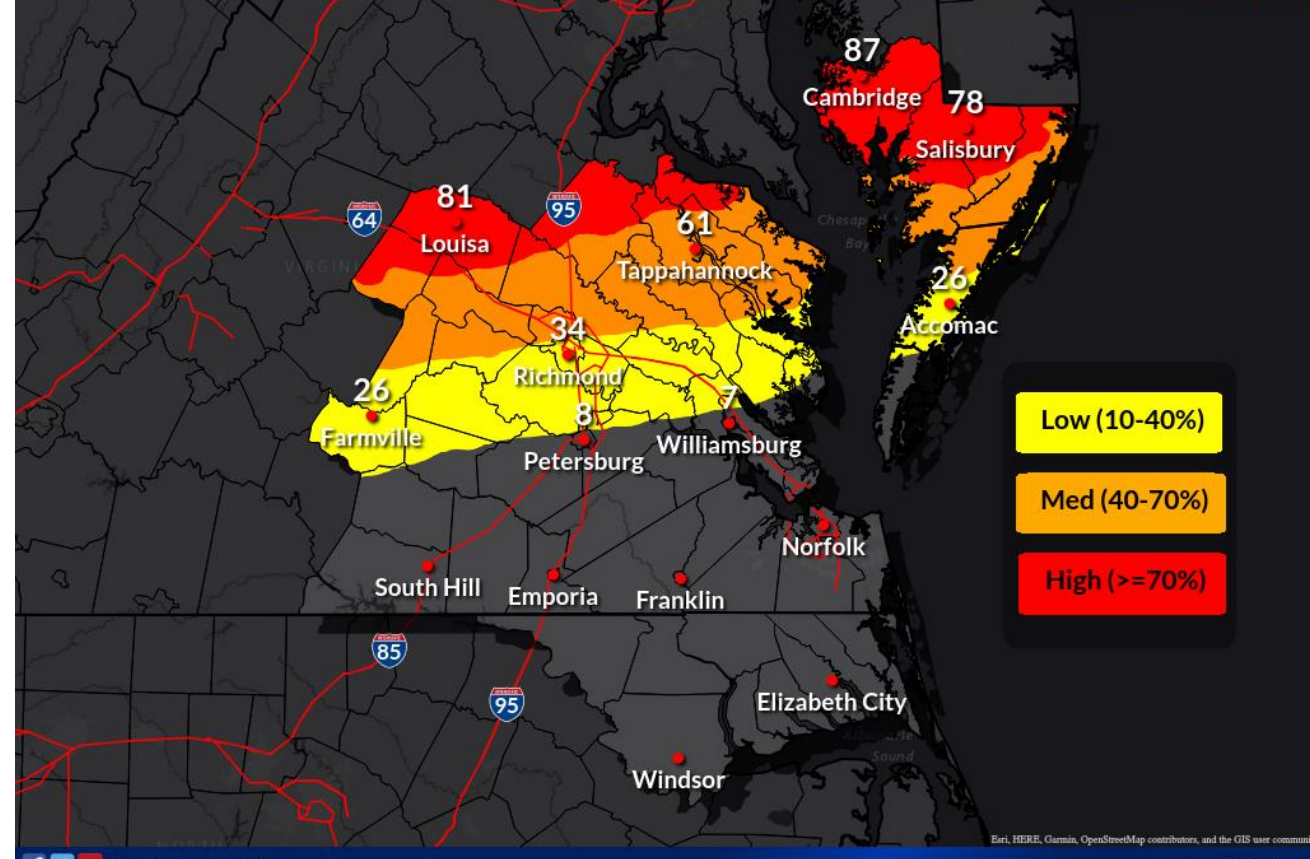
weather.gov/akq

Likelihood of at least 2" Snow

Valid Fri 7:00PM through Mon 7:00PM EST

Weather Forecast Office
Wakefield, VA

Issued Jan 03, 2025 3:36 PM EST



NWSWakefieldVA

weather.gov/akq

LOW - There is a small chance of experiencing this much snow. Persons who may experience impacts based on this snow amount may want to prepare in case it does occur.

MEDIUM - Locations will likely experience this much snow. Persons should prepare for impacts from this amount of snow. In addition some locations may experience snow accumulations above this amount.

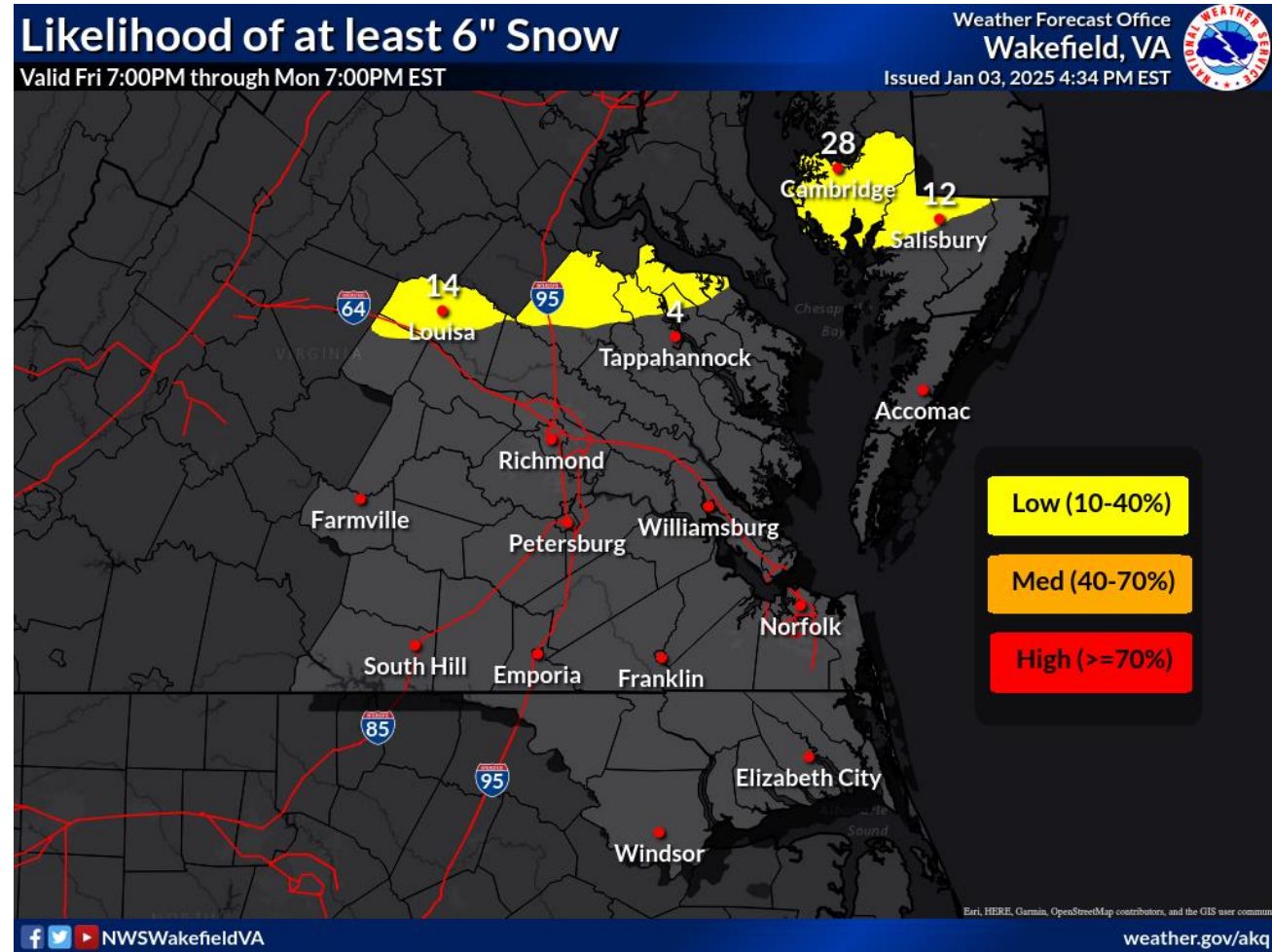
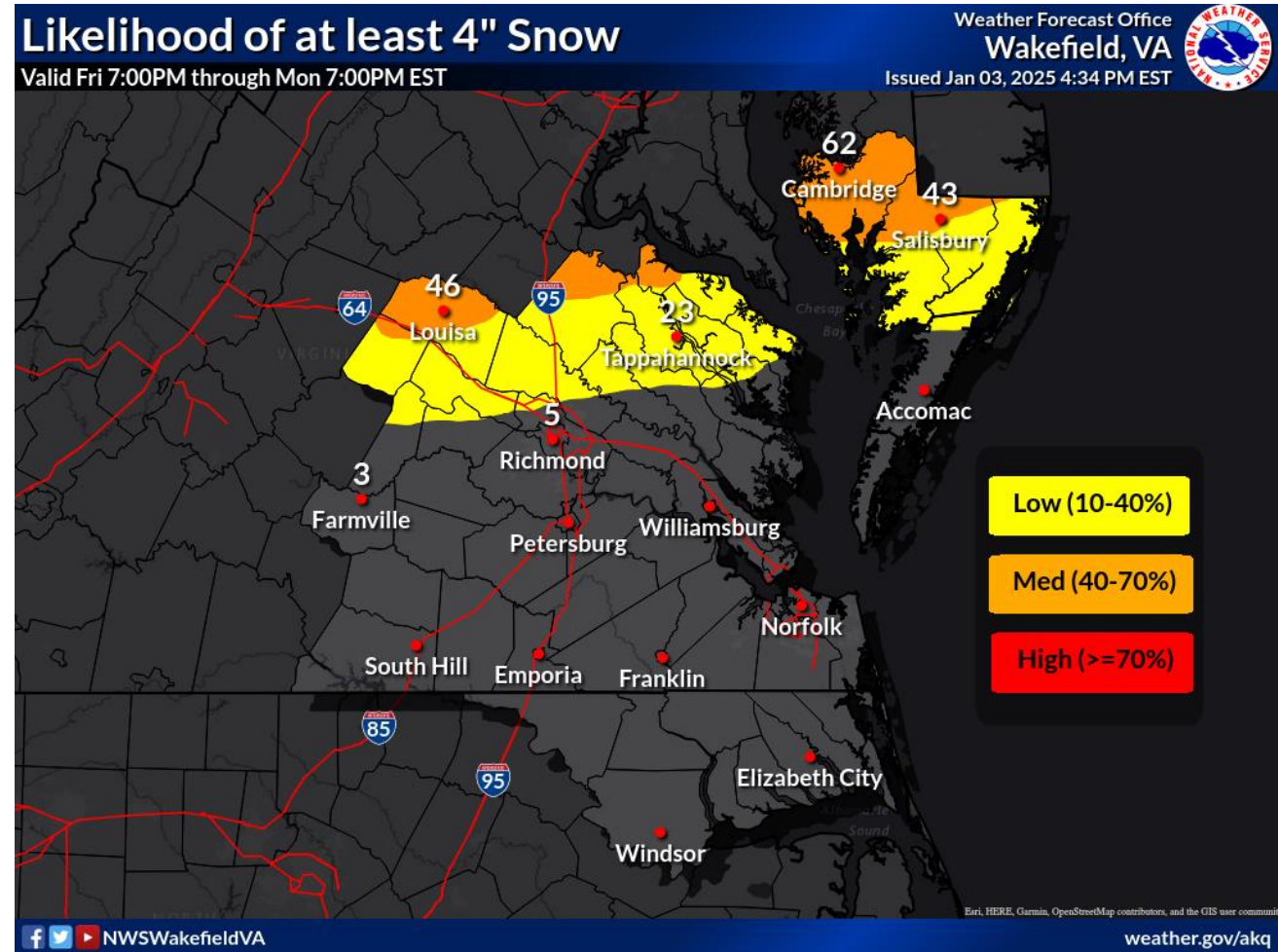
HIGH - There is a near certain probability of experiencing this much snow. Persons should prepare for impacts from at least this amount of snow and will likely see accumulations above this threshold.

- The probability for accumulating snow has increased across central VA and the Eastern Shore. At least 1 to 2 inches or more of snow is likely with the potential for higher amounts especially north of Farmville, Richmond and Accomac.



Snow Accumulation Potential - 4 and 6"

January 3, 2025
4:43 PM



LOW - There is a small chance of experiencing this much snow. Persons who may experience impacts based on this snow amount may want to prepare in case it does occur.

MEDIUM - Locations will likely experience this much snow. Persons should prepare for impacts from this amount of snow. In addition some locations may experience snow accumulations above this amount.

HIGH - There is a near certain probability of experiencing this much snow. Persons should prepare for impacts from at least this amount of snow and will likely see accumulations above this threshold.

- Around 4 inches of snow is likely north of Richmond and over the MD Eastern Shore (left image orange area) with a worst case potential for up to 6 inches (right image yellow area)



Winter Precipitation Timing

January 3, 2025
4:43 PM

Weather Forecast

	1/3 Fri		1/4 Sat						1/5 Sun						1/6 Mon						1/7 Tue											
	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm									
Accomac	☔															☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔				
Bowling Green	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Cambridge	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Cape Charles	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	
Elizabeth City	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Emporia	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Farmville	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Gochland	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Louisa	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Norfolk / Portsmouth	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Ocean City	☔	☔															☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Petersburg	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Richmond	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Salisbury	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Snow Hill	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
South Hill	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Suffolk	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Tappahannock	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Virginia Beach	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Wakefield	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		
Williamsburg	☔																☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔	☔		

*Created: 4 pm EST Fri 1/3/2025. 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 +



3 Hourly Temperature Forecast

January 3, 2025
4:43 PM

Temperature Forecast

	1/3 Fri		1/4 Sat								1/5 Sun								1/6 Mon								1/7 Tue				
	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm
Accomac	40	35	33	32	31	31	33	34	34	30	25	24	23	31	36	36	33	32	31	31	30	34	38	39	38	36	32	30	26	28	32
Bowling Green	36	30	28	26	24	26	32	34	29	24	21	19	17	26	35	37	32	30	29	28	27	29	31	32	31	29	27	24	22	25	31
Cambridge	36	34	31	30	29	29	32	32	30	25	24	22	20	27	33	35	32	30	29	28	27	28	30	32	31	30	29	27	25	25	30
Cape Charles	44	39	36	34	32	30	33	36	36	32	28	25	24	31	35	37	37	37	36	35	36	39	41	42	41	38	35	33	32	33	35
Elizabeth City	44	38	34	29	27	29	36	38	33	28	26	23	21	29	39	43	38	34	33	33	34	39	45	49	45	40	36	32	30	31	36
Emporia	38	33	29	26	24	27	34	37	30	25	22	21	18	31	40	42	36	32	31	31	30	33	35	37	35	33	30	27	25	28	36
Farmville	35	31	27	25	23	26	32	36	29	23	21	20	17	28	37	39	34	31	30	29	29	31	33	33	32	30	27	24	21	27	34
Goochland	36	31	27	25	24	26	33	35	30	23	19	17	16	26	35	38	34	31	29	29	28	30	32	32	31	29	26	23	21	24	32
Louisa	35	29	27	25	23	24	32	34	28	22	19	17	14	25	34	36	33	30	29	28	27	29	30	31	29	27	25	21	18	23	32
Norfolk / Portsmouth	42	39	35	33	30	30	35	38	35	30	27	25	23	30	38	41	39	35	33	34	34	37	42	44	42	39	35	32	30	31	36
Ocean City	39	34	33	31	29	30	33	34	30	26	24	21	19	27	33	34	31	29	29	28	27	31	35	37	37	35	31	27	23	27	32
Petersburg	39	34	29	27	25	28	35	37	32	26	23	21	18	29	38	40	35	32	31	30	30	31	33	35	34	32	29	26	25	28	34
Richmond	39	33	29	27	25	27	33	36	32	26	22	20	19	28	36	39	34	32	31	29	29	31	33	34	32	30	28	26	24	27	33
Salisbury	38	33	31	30	28	30	33	33	29	25	23	22	19	27	33	35	31	28	27	27	26	29	33	34	33	32	29	27	23	26	30
Snow Hill	40	34	31	30	29	29	33	34	30	26	23	20	19	28	34	35	32	29	29	29	28	32	35	36	35	34	31	28	25	26	31
South Hill	37	33	28	26	24	26	34	37	30	24	22	20	18	30	39	40	35	32	31	31	31	32	35	37	34	32	30	27	25	29	36
Suffolk	42	37	32	28	27	29	35	37	32	28	26	23	21	29	38	42	37	34	32	32	33	36	40	43	41	37	34	31	29	31	35
Tappahannock	39	33	29	27	26	27	33	35	30	24	22	20	18	26	34	38	33	30	29	29	29	31	33	34	33	31	29	27	25	27	32
Virginia Beach	43	39	36	33	31	30	34	38	35	30	28	24	22	31	37	40	38	36	35	34	36	40	45	47	44	41	37	34	33	33	35
Wakefield	38	34	30	27	25	28	34	37	31	26	22	19	17	29	38	41	36	32	31	31	31	33	36	38	36	34	31	28	26	28	34
Williamsburg	38	35	30	28	26	29	35	37	33	28	25	22	21	28	36	40	35	32	31	31	32	34	37	38	37	34	31	28	26	29	34

*Table values in °F

**Created: 4 pm EST Fri 1/3/2025



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Wakefield, VA



Daily Highs / Lows

January 3, 2025
4:43 PM

Maximum Temperature Forecast

	1/4	1/5	1/6	1/7	1/8	1/9	1/10
	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Accomac	36	38	40	35	35	33	35
Bowling Green	35	38	33	34	34	30	34
Cambridge	34	35	33	32	32	30	33
Cape Charles	37	40	43	37	35	33	35
Elizabeth City	39	44	51	38	40	36	38
Emporia	38	43	39	40	39	35	38
Farmville	36	40	35	38	36	32	36
Goochland	36	39	33	35	34	30	35
Louisa	35	37	32	35	33	29	33
Norfolk / Portsmouth	39	43	45	38	39	36	38
Ocean City	35	37	38	35	34	32	34
Petersburg	38	42	36	37	37	33	37
Richmond	37	40	35	36	35	32	35
Salisbury	35	37	35	32	34	30	36
Snow Hill	35	37	37	34	34	31	35
South Hill	38	42	38	40	39	34	38
Suffolk	38	43	44	37	39	35	37
Tappahannock	36	38	35	34	35	31	35
Virginia Beach	39	42	48	37	39	35	37
Wakefield	38	42	40	37	37	34	37
Williamsburg	38	42	39	37	37	34	37

Minimum Temperature Forecast

	1/4	1/5	1/6	1/7	1/8	1/9	1/10
	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Accomac	27	23	29	22	20	20	21
Bowling Green	22	17	27	18	12	12	15
Cambridge	24	20	23	21	21	17	19
Cape Charles	29	24	35	28	26	26	26
Elizabeth City	25	21	33	26	20	20	20
Emporia	23	18	30	23	16	16	16
Farmville	21	17	28	20	14	14	15
Goochland	20	16	27	19	13	13	14
Louisa	20	14	26	17	11	11	13
Norfolk / Portsmouth	28	23	33	29	23	23	23
Ocean City	24	19	27	20	18	18	19
Petersburg	23	18	30	23	16	16	16
Richmond	24	19	29	22	16	16	16
Salisbury	24	19	26	19	20	16	18
Snow Hill	24	19	28	21	22	18	19
South Hill	22	18	31	24	18	18	18
Suffolk	25	21	32	26	19	19	20
Tappahannock	23	18	29	21	14	14	17
Virginia Beach	29	22	31	27	25	24	24
Wakefield	24	17	31	23	16	16	17
Williamsburg	25	21	31	24	18	18	18

*Table values in °F

**Created: 4 pm EST Fri 1/3/2025

***Values are maximums over the period beginning at the time shown.

*Table values in °F

**Created: 4 pm EST Fri 1/3/2025

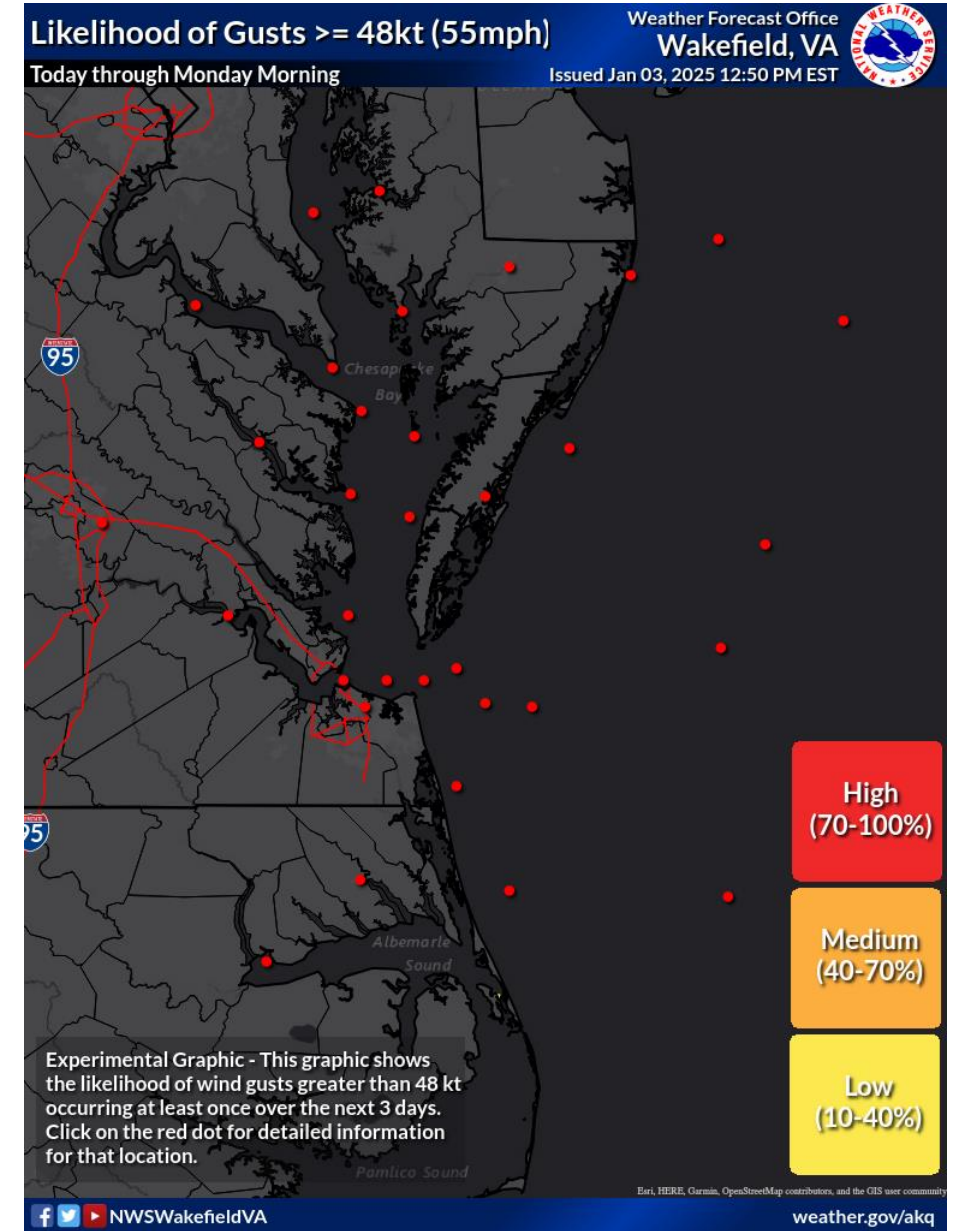
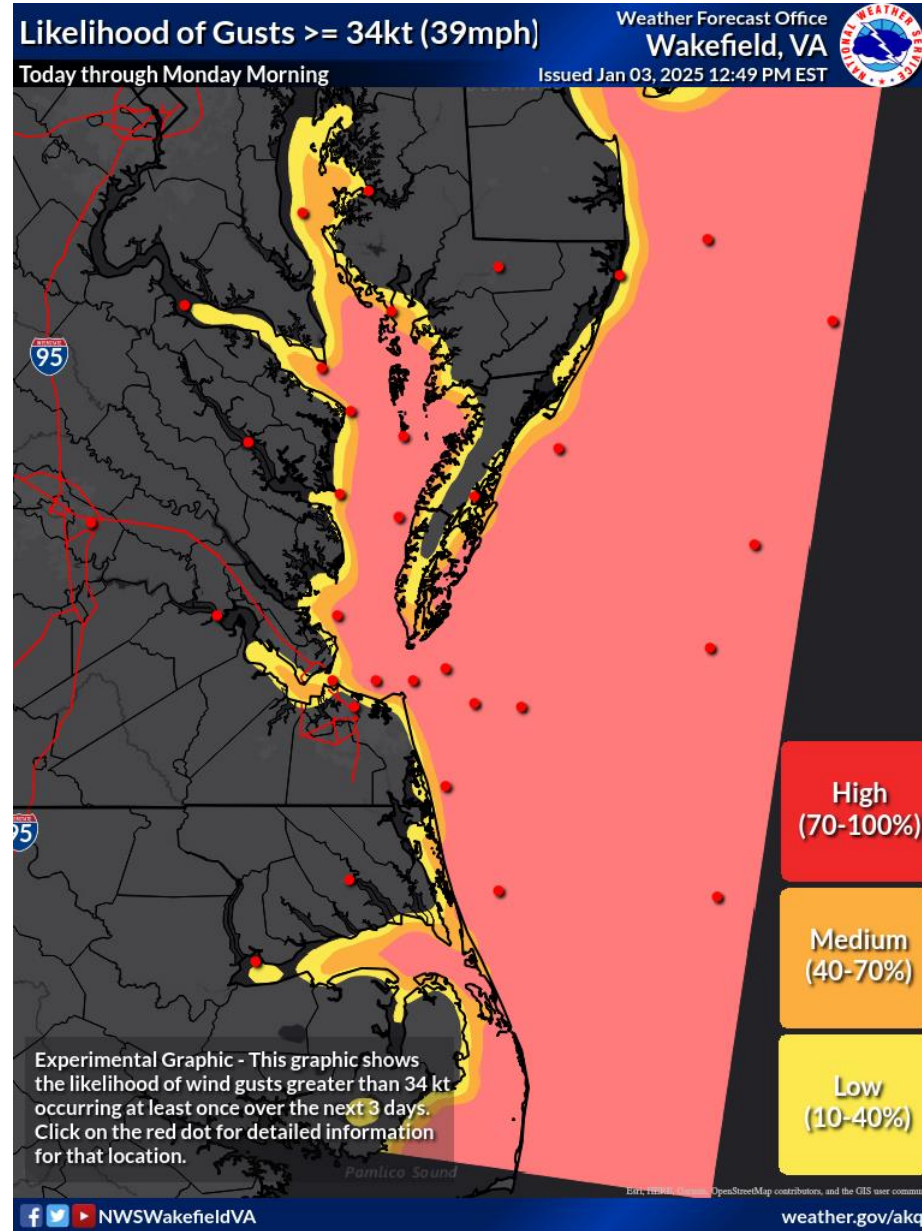
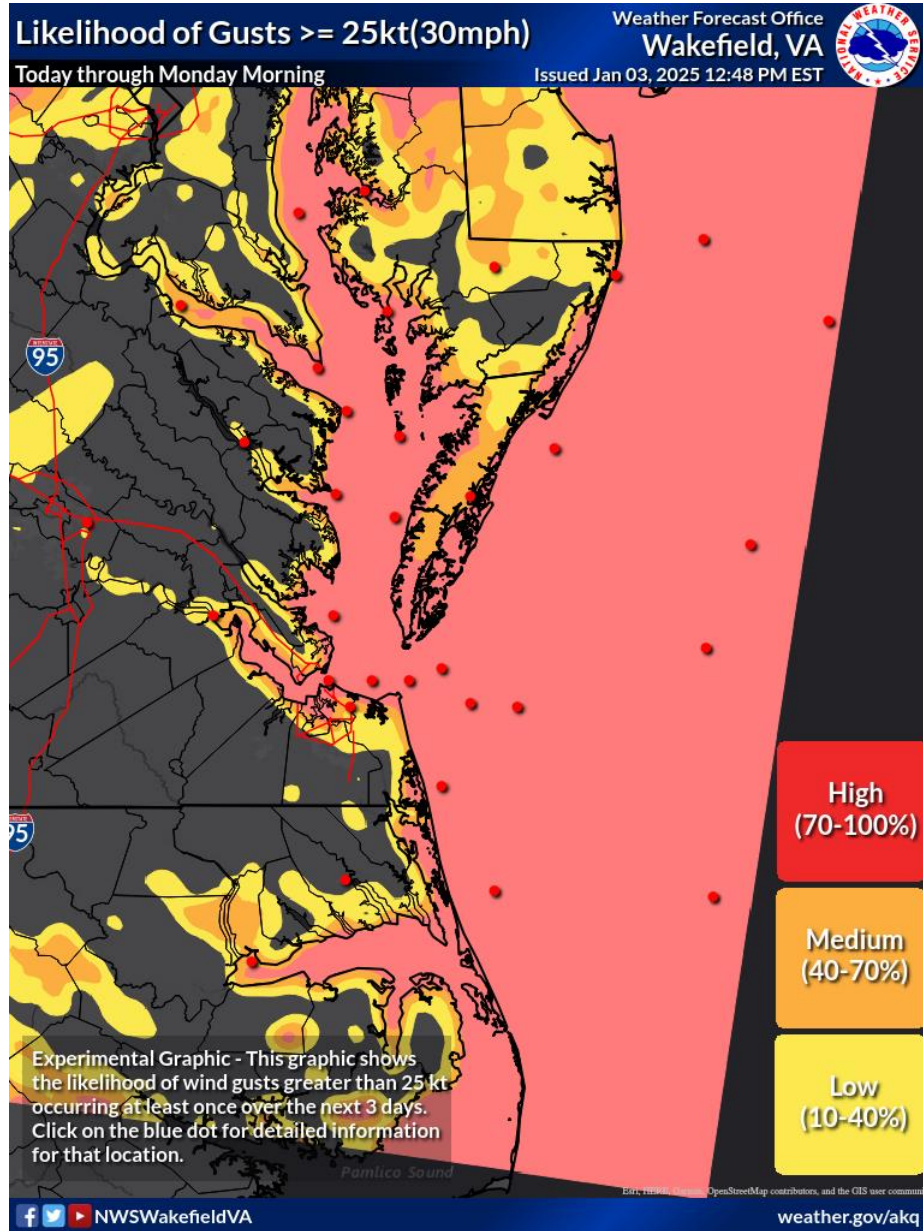
***Values are minimums over the period beginning at the time shown.

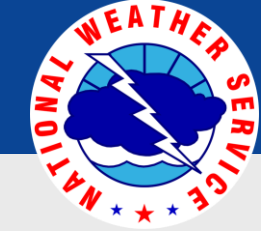




Marine Wind Probabilities

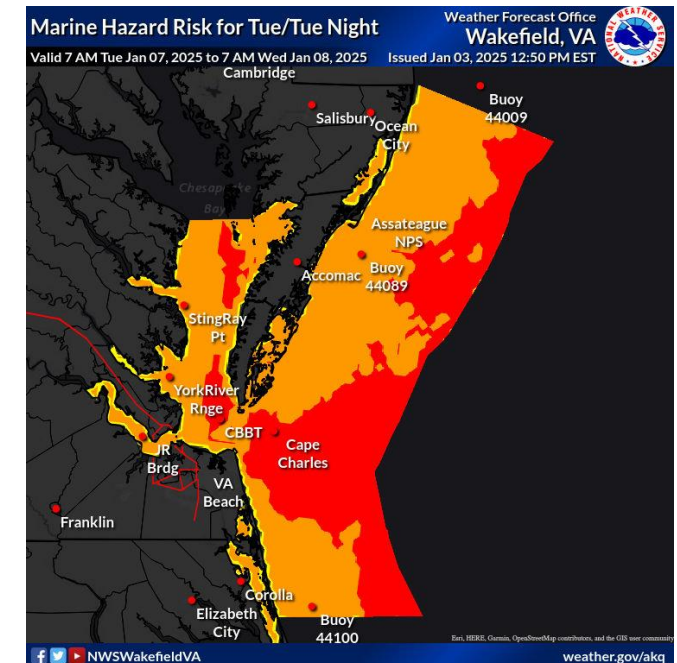
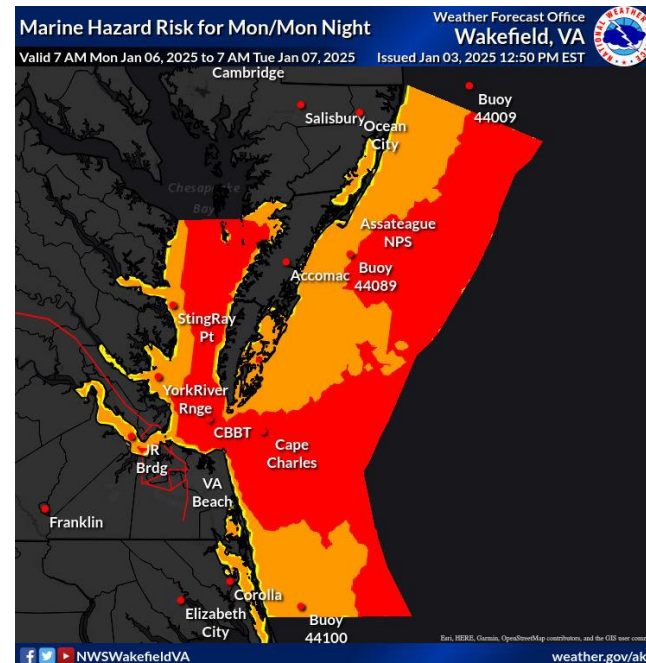
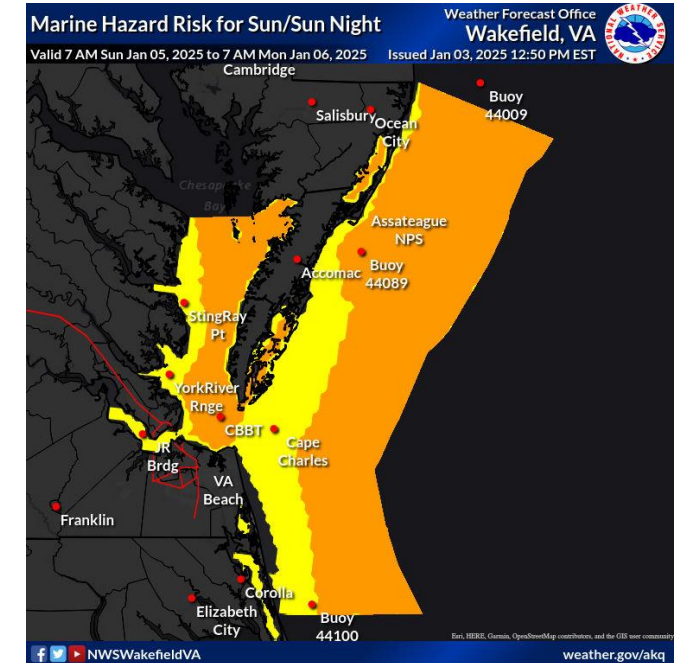
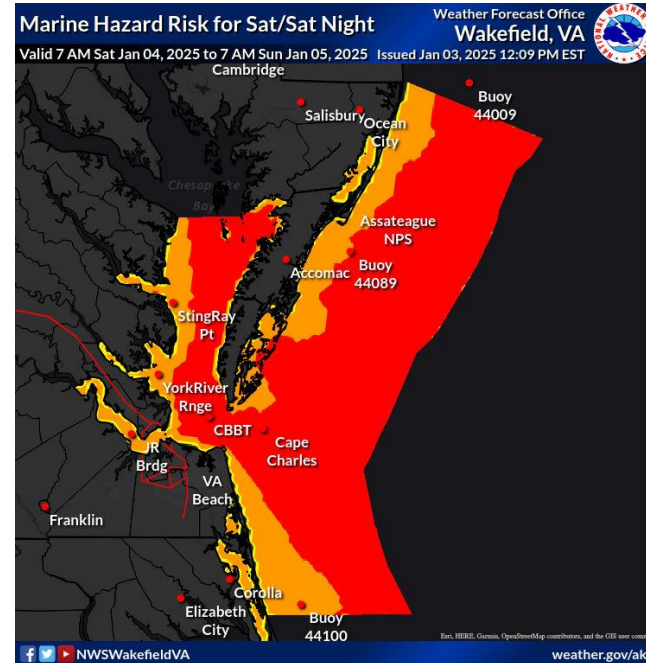
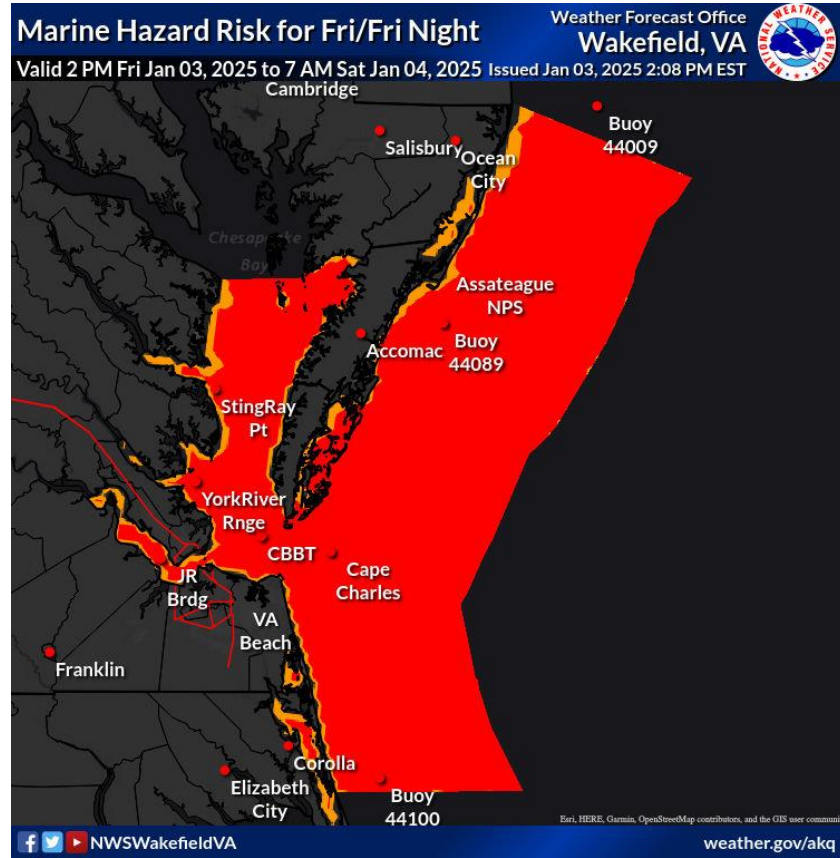
January 3, 2025
4:43 PM





Marine Threat Potential - Next 5 Days

January 3, 2025
4:43 PM

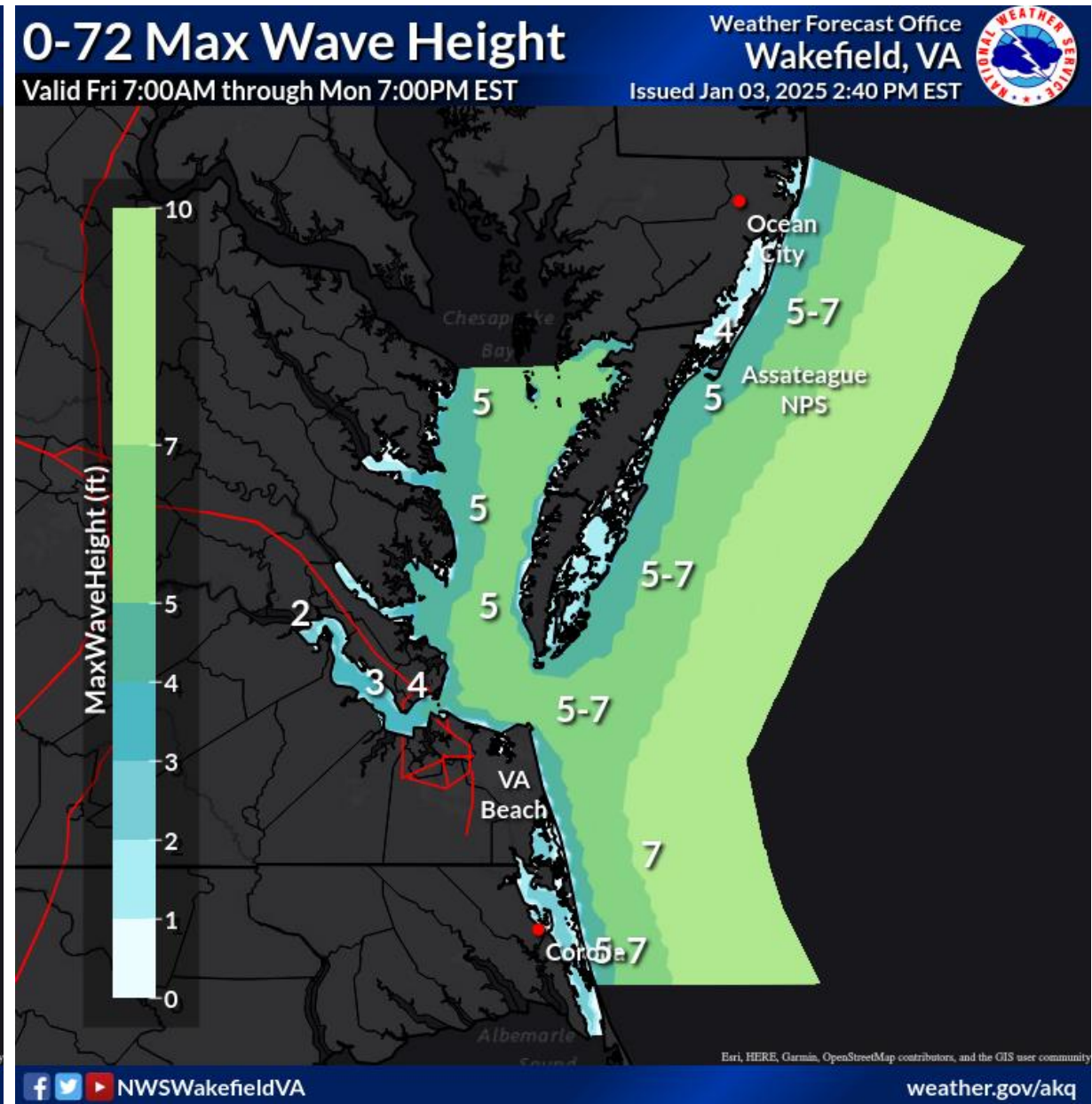
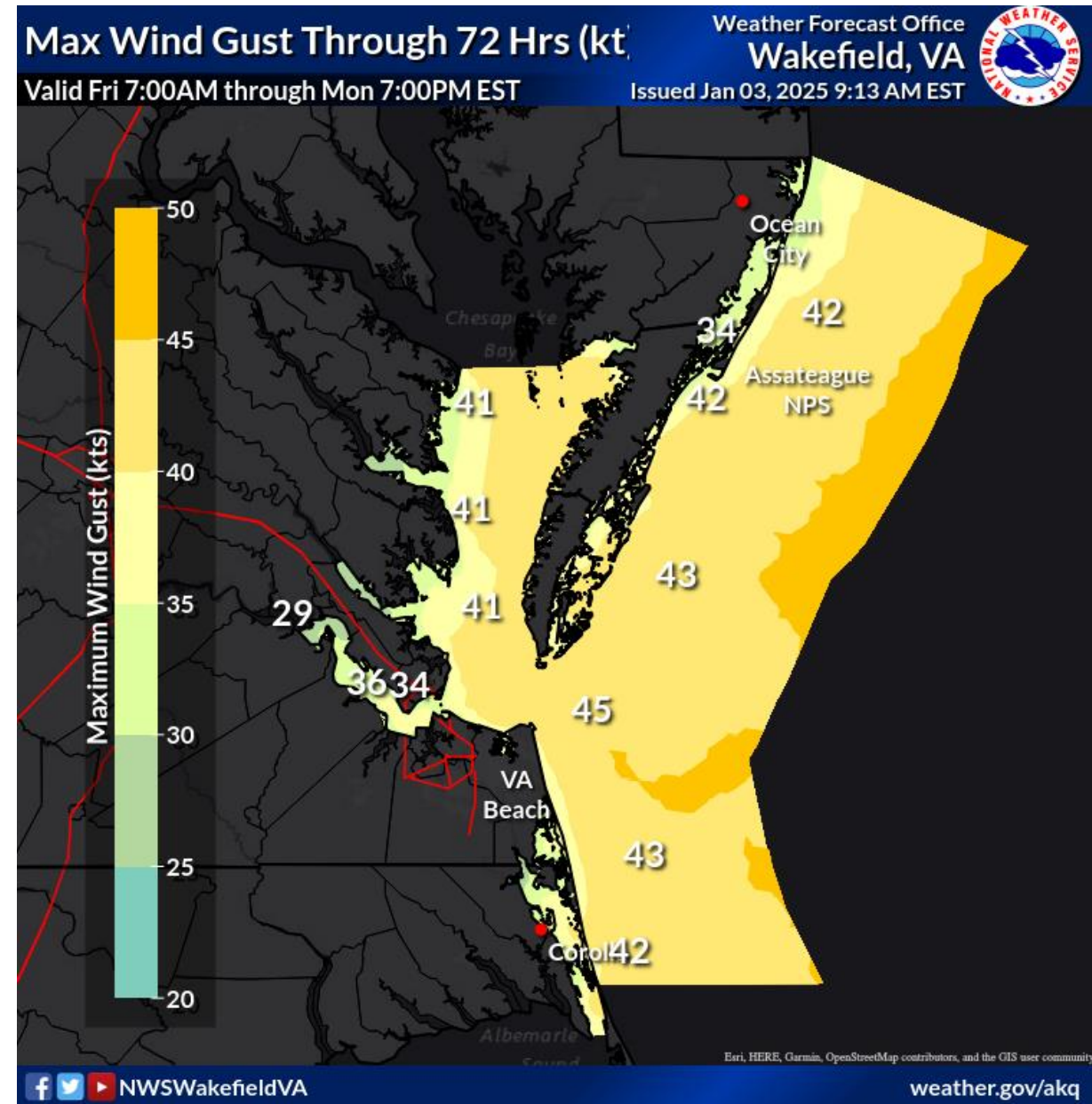


Limited	Wind Gusts \geq 20 knots (15 kt Bay & rivers) and/or Waves \geq 4 feet (2 ft Bay & rivers).
Elevated	Wind Gusts \geq 25 knots (20 kt Bay & rivers) and/or Waves \geq 5 feet (\geq 4 ft Bay & rivers).
Significant	Wind Gusts \geq 34 knots and/or Waves \geq 8 feet (\geq 5 ft Bay & rivers).
Extreme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



Marine Threat Potential

January 3, 2025
4:43 PM



Key Points:

Gale Warnings go into effect this afternoon through Saturday.

Northwest winds increase this evening. Gale conditions will persist into Sat with winds slowly decreasing Sat night.

Waves on the Bay build to 4 to 5 ft and ocean seas up to 7 ft Fri night into Sat.

Marine conditions improve late Sun/early Mon, but winds increase again late Mon and through Tue.

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



Marine Forecast Summary

January 3, 2025
4:43 PM

Maximum Wind Gust Forecast

	1/4 Sat				1/5 Sun				1/6 Mon				1/7 Tue			
	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm
	CBBT	42↘	35↘	28↘	27↘	25↘	22↘	17↘	13↘	13↑	20↑	25↘	30↘	32↘	32↘	29↘
Cape Henry	41↘	36↘	28↘	29↘	26↘	22↘	17↘	13↘	13↑	20↑	25↘	30↘	32↘	32↘	29↘	27↘
Chesapeake Light	40↘	36↘	31↘	29↘	26↘	23↘	20↘	14↘	13↑	20↑	23↘	30↘	32↘	32↘	31↘	29↘
Chincoteague Shoal	37↘	34↘	30↘	30↘	27↘	26↘	24↘	17↘	12↑	17↘	24↘	29↘	31↘	31↘	29↘	29↘
Duck, NC	38↘	32↘	25↘	26↘	24↘	20↘	14↘	10↘	12↑	17↑	23↘	28↘	30↘	30↘	26↘	24↘
Fenwick Shoal	34↘	33↘	31↘	30↘	27↘	25↘	22↘	19↘	13↘	16↘	22↘	27↘	29↘	28↘	26↘	24↘
HRBT	36↘	30↘	26↘	21↘	19↘	16↘	14↘	9↘	11↘	16↘	21↘	25↘	27↘	28↘	23↘	21↘
JRB	41↘	34↘	26↘	20↘	16↘	15↘	14↘	8↘	11↘	15↘	20↘	24↘	26↘	26↘	22↘	18↘
New Point Comfort	36↘	30↘	25↘	21↘	21↘	19↘	15↘	11↘	11↑	17↘	23↘	27↘	28↘	28↘	25↘	24↘
Parramore Banks	39↘	35↘	31↘	29↘	27↘	24↘	21↘	15↘	11↑	17↘	22↘	28↘	30↘	30↘	28↘	28↘
Rappahannock Light	40↘	34↘	28↘	26↘	25↘	21↘	16↘	12↘	12↑	17↘	22↘	27↘	31↘	31↘	27↘	26↘
Tangier	42↘	34↘	30↘	29↘	26↘	24↘	18↘	14↘	13↑	18↘	24↘	29↘	31↘	31↘	29↘	29↘
Thimble Shoal	40↘	35↘	26↘	26↘	25↘	21↘	16↘	12↘	13↑	18↘	25↘	29↘	31↘	31↘	27↘	26↘

*Table values in kt
 **Created: 4 pm EST Fri 1/3/2025
 ***Values are maximums over the period beginning at the time shown.

Wave Height Forecast

	1/4 Sat		1/5 Sun		1/6 Mon		1/7 Tue		1/8 Wed
	12am	12pm	12am	12pm	12am	12pm	12am	12pm	12am
	CBBT	5.0	4.0	4.0	3.0	3.0	4.0	5.0	4.0
Cape Henry	5.0	5.0	4.0	3.0	3.0	4.0	5.0	5.0	4.0
Chesapeake Light	7.0	6.0	5.0	4.0	3.0	5.0	7.0	6.0	5.0
Chincoteague Shoal	4.0	4.0	4.0	3.0	3.0	4.0	5.0	4.0	3.0
Duck, NC	5.0	4.0	4.0	3.0	3.0	4.0	5.0	5.0	4.0
Fenwick Shoal	5.0	5.0	5.0	4.0	3.0	5.0	6.0	6.0	5.0
HRBT	4.0	3.0	3.0	2.0	3.0	4.0	3.0	3.0	2.0
JRB	3.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0
New Point Comfort	4.0	3.0	3.0	2.0	2.0	4.0	4.0	3.0	3.0
Parramore Banks	5.0	4.0	4.0	3.0	3.0	4.0	5.0	4.0	4.0
Rappahannock Light	5.0	4.0	4.0	2.0	2.0	4.0	5.0	4.0	3.0
Tangier	5.0	4.0	4.0	3.0	2.0	4.0	5.0	4.0	4.0
Thimble Shoal	5.0	4.0	4.0	2.0	3.0	4.0	5.0	4.0	3.0

*Table values in feet
 **Created: 4 pm EST Fri 1/3/2025
 ***Values are maximums over the period beginning at the time shown.



Highlights

January 3, 2025

4:43 PM

- A brief period of wintry precipitation with rain changing to snow is possible Friday evening. While little to no snow accumulation is expected, rapidly falling temperatures Friday night may cause roads to freeze by Saturday morning.
- **Better chance for an impactful winter event from snow and freezing rain is expected Sunday night and into Monday. While exact amounts are uncertain, snow along with some freezing rain will be significant enough to impact travel across a broad area. Main impacts will be Sunday night and into Monday.**
- Bitterly cold temperatures are expected next week following the winter event with daytime highs potentially remaining below freezing for a good portion of next week.
- **Marine Weather** - Gale Watches are in effect for Friday night through Saturday. Winds will decrease Sunday and Monday. Winds increase again later on Monday and Tuesday.





Contact and Next Briefing Information

January 3, 2025
4:43 PM

For NWS Wakefield, Virginia



Briefing Webpage

→ [NWS Wakefield Briefing](#)



Contact Information

Web

→ weather.gov/wakefield

Phone

→ (757) 899-4200

Email

→ akq-report@noaa.gov

Facebook

→ www.facebook.com/NWSWakefieldVA

Twitter

→ [@NWSWakefieldVA](https://twitter.com/NWSWakefieldVA)

