



Winter Storm Briefing #8

January 6, 2025

4:00 PM

Prepared by National Weather Service Wakefield, VA

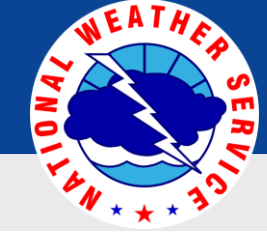
Winter Storm Briefing

→ **NEXT UPDATE by 5 AM Tuesday**

What has changed:

- Excessive Cold Advisory in effect tonight for parts of central Virginia including the Richmond Metro.
- Winter Storm Warnings and Winter Weather Advisories remain in effect for most of central and eastern Virginia and the lower Maryland Eastern Shore.





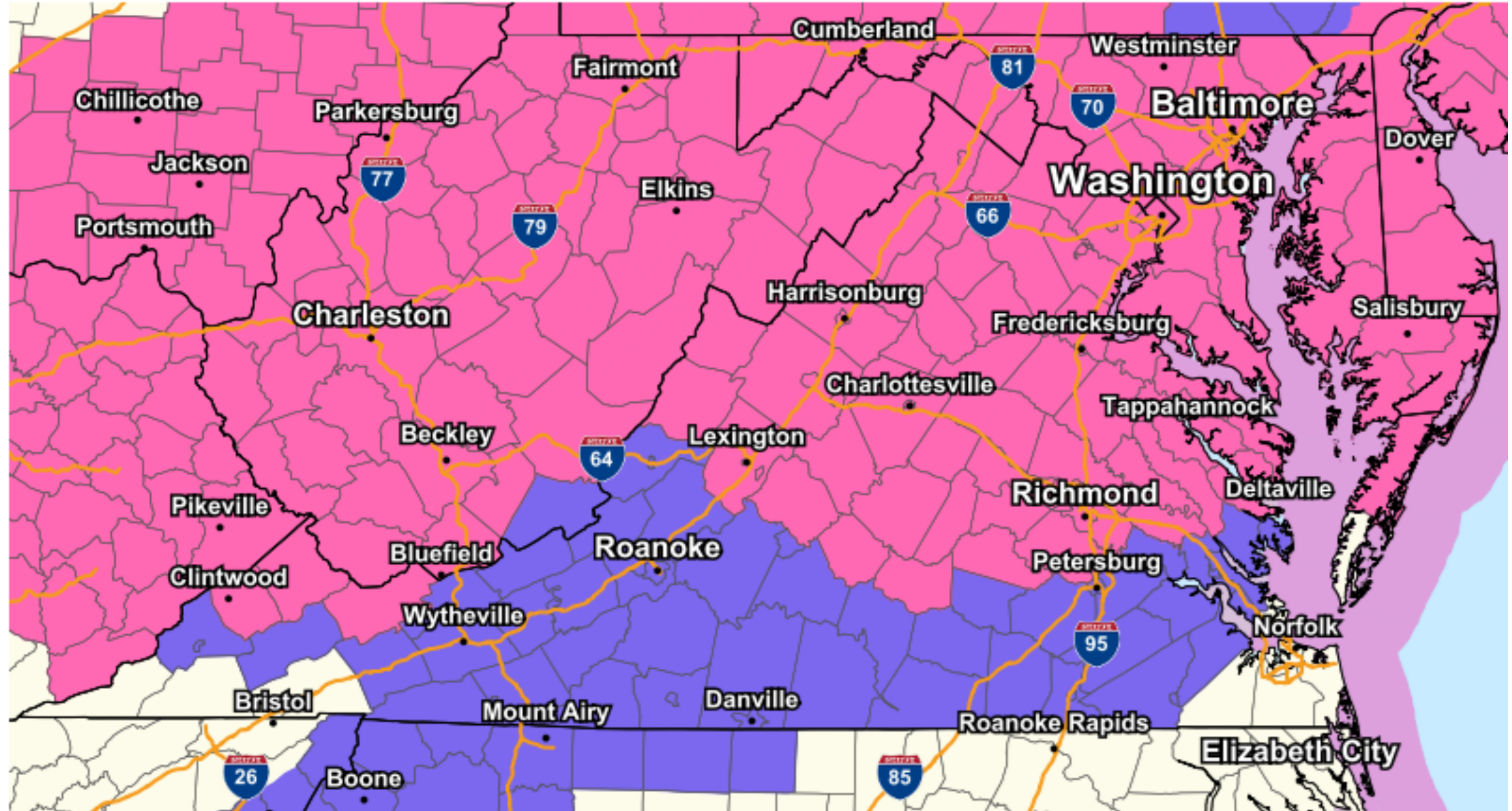
State Winter Hazards Overview

January 6, 2025
4:00 PM



Current Watches, Warnings, and Advisories

- Winter Storm Warning
- Gale Warning
- Winter Weather Advisory
- Cold Weather Advisory
- Small Craft Advisory
- Wind Advisory



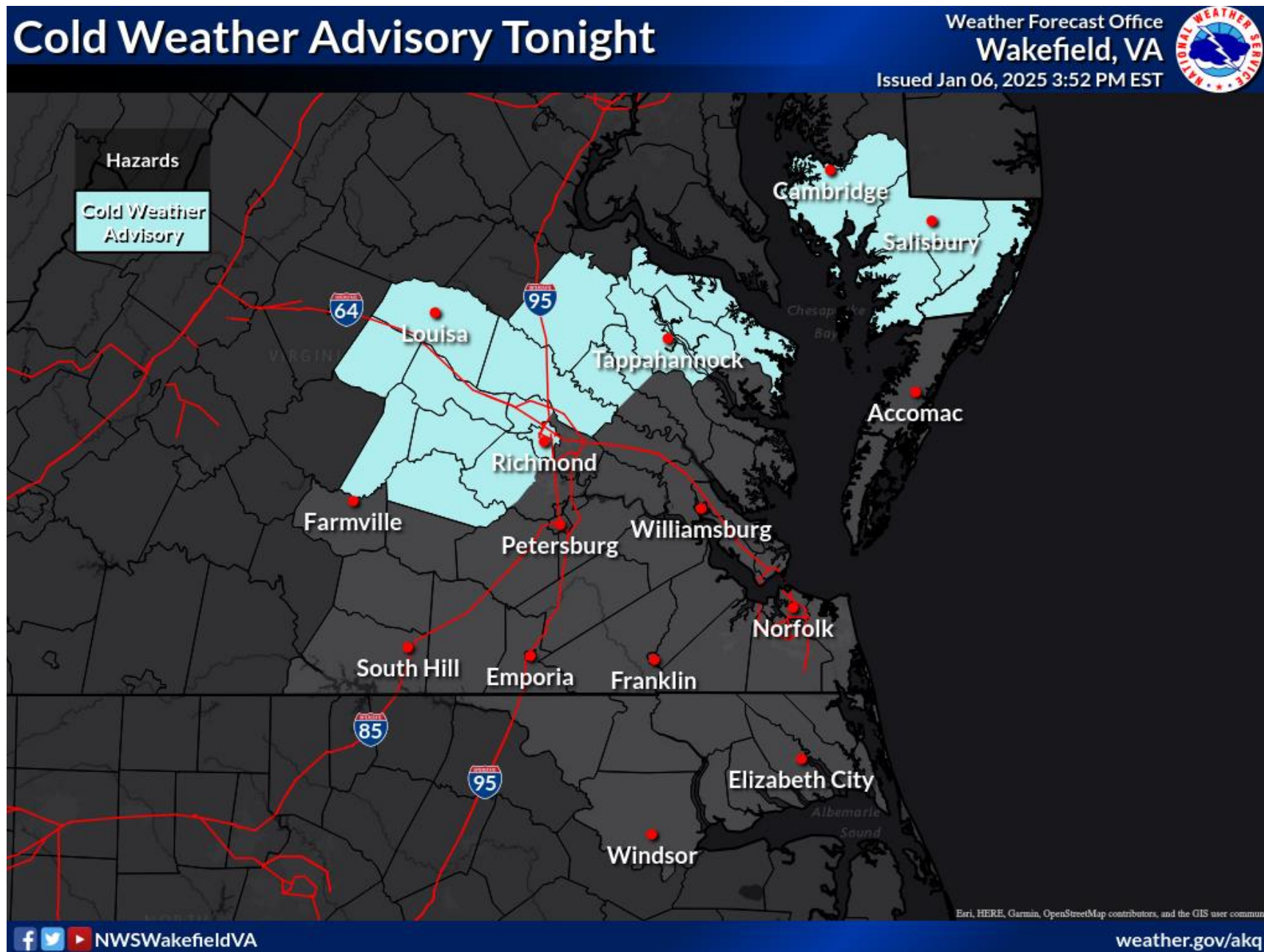
Graphic Created
January 6th, 2025
3:40 PM EST





Cold Weather Advisory Tonight

January 6, 2025
4:00 PM



- The cold weather advisory area shows where temperatures or wind chills are expected to drop below 5F above.





Winter Storm Warnings or Winter Weather Advisories remain in effect for much of central and eastern Virginia, Northampton (NC) and the Lower Maryland Eastern Shore.

- **Another brief round of snow is expected late this afternoon and evening, as the storm system moves offshore and cold air returns. This will result in up to 2" of additional snow mainly before midnight. The heaviest snow will likely be north and east of Richmond and across the Maryland Eastern Shore. The snow should end by midnight.**
- Bitterly cold temperatures are expected following the winter event. Wind chills will drop into the single digits in places tonight with **Cold Weather Advisories** in effect for portions of Central VA. Daytime highs are only expected to be in the 30s for much of the week, with nighttime lows in the teens to potentially single digits in spots. Additional cold weather advisories are expected this week.
- Another winter storm system potentially impacts the region this weekend.
- **Marine Weather** - Gale conditions are expected for all waters tonight into Tuesday.



ADDITIONAL Snowfall Through Tonight

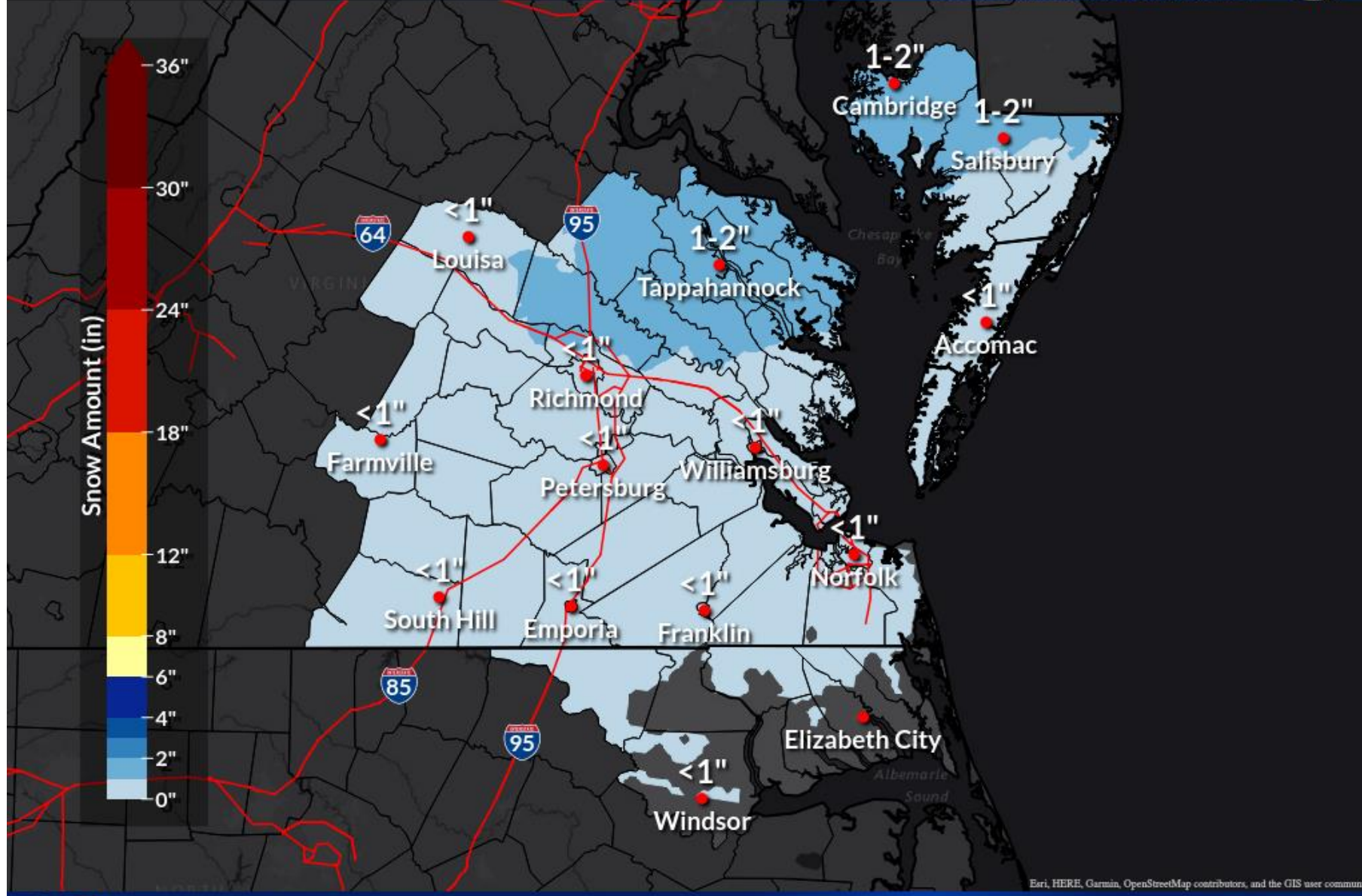
January 6, 2025
4:00 PM

Additional Snow Tonight

Weather Forecast Office
Wakefield, VA



Issued Jan 06, 2025 2:12 PM EST



- **Details:** Additional snow accumulations are anticipated this evening as the system exits. Cold air will switch nearly all precipitation over to snowfall. An additional 1-2" will be possible for areas north of I-64 and across the Maryland Eastern Shore.
- **Timing:** Snowfall will exit the region by midnight for most.
- **Hazards:** Quick accumulations from this last round of snow could cause reduced visibilities and slick conditions. Refreezing of road surfaces is expected tonight into Tuesday morning.

NWSWakefieldVA

weather.gov/akq



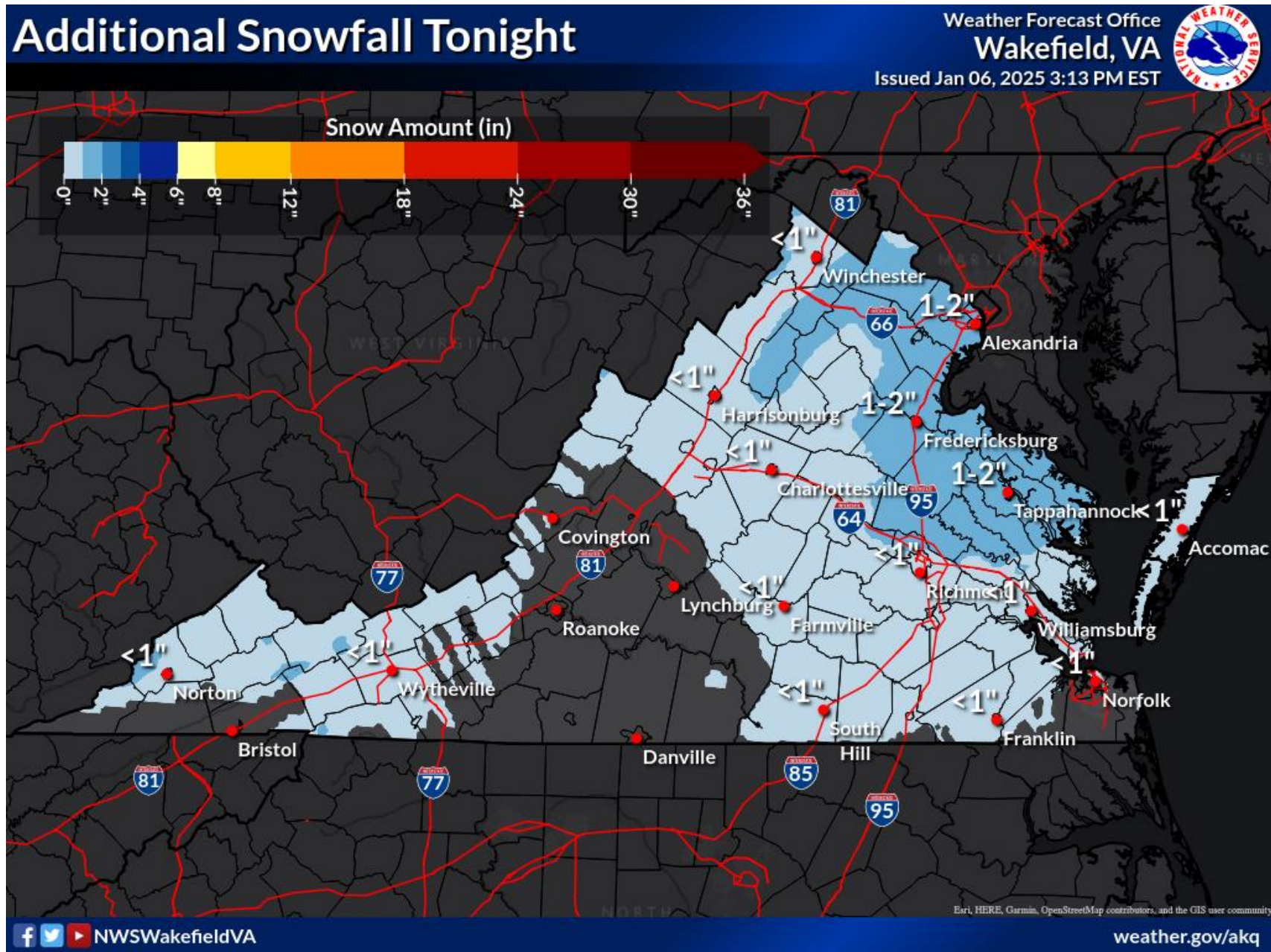
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Wakefield, VA



Additional Expected Snowfall

January 6, 2025
4:00 PM

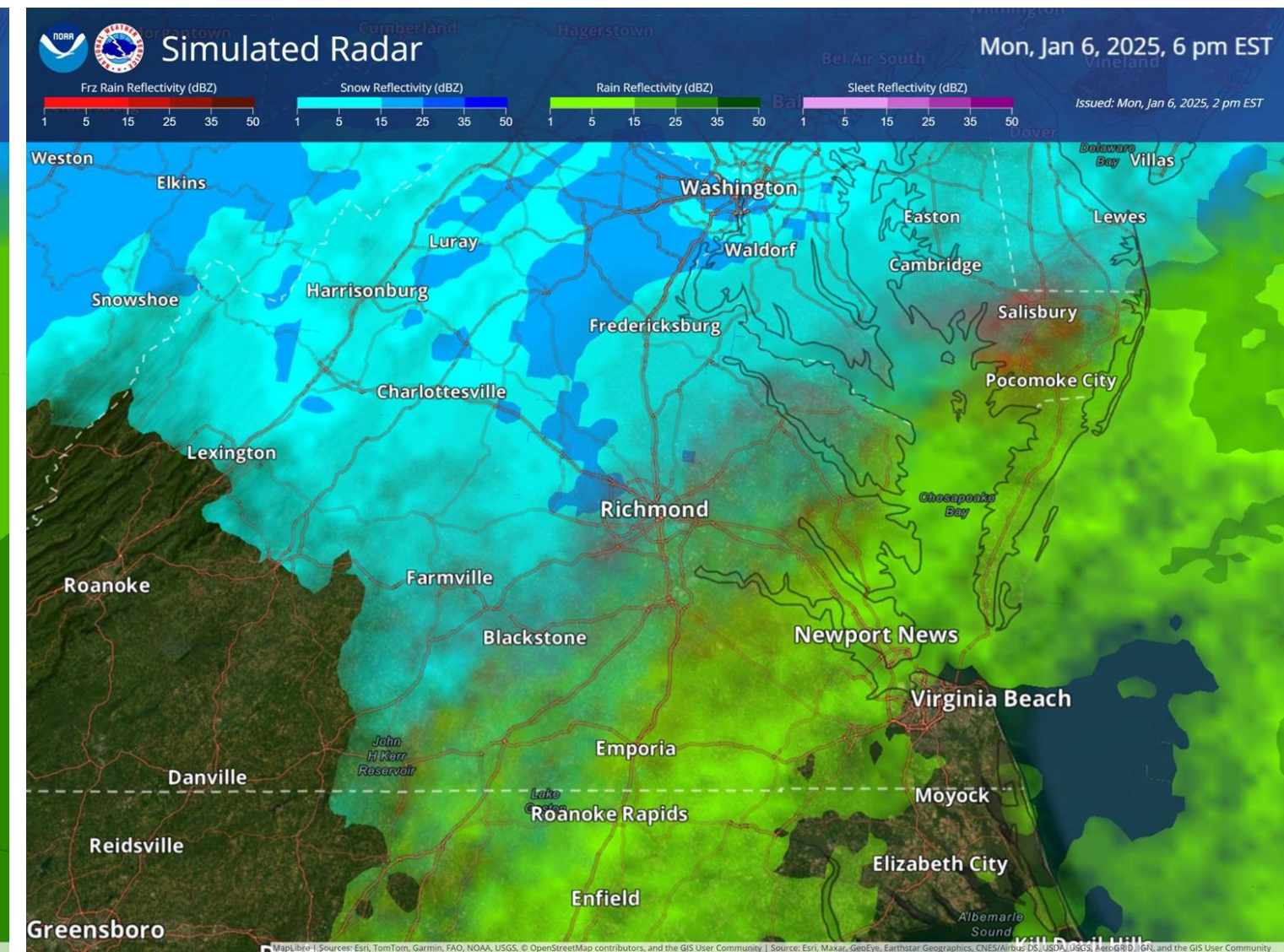
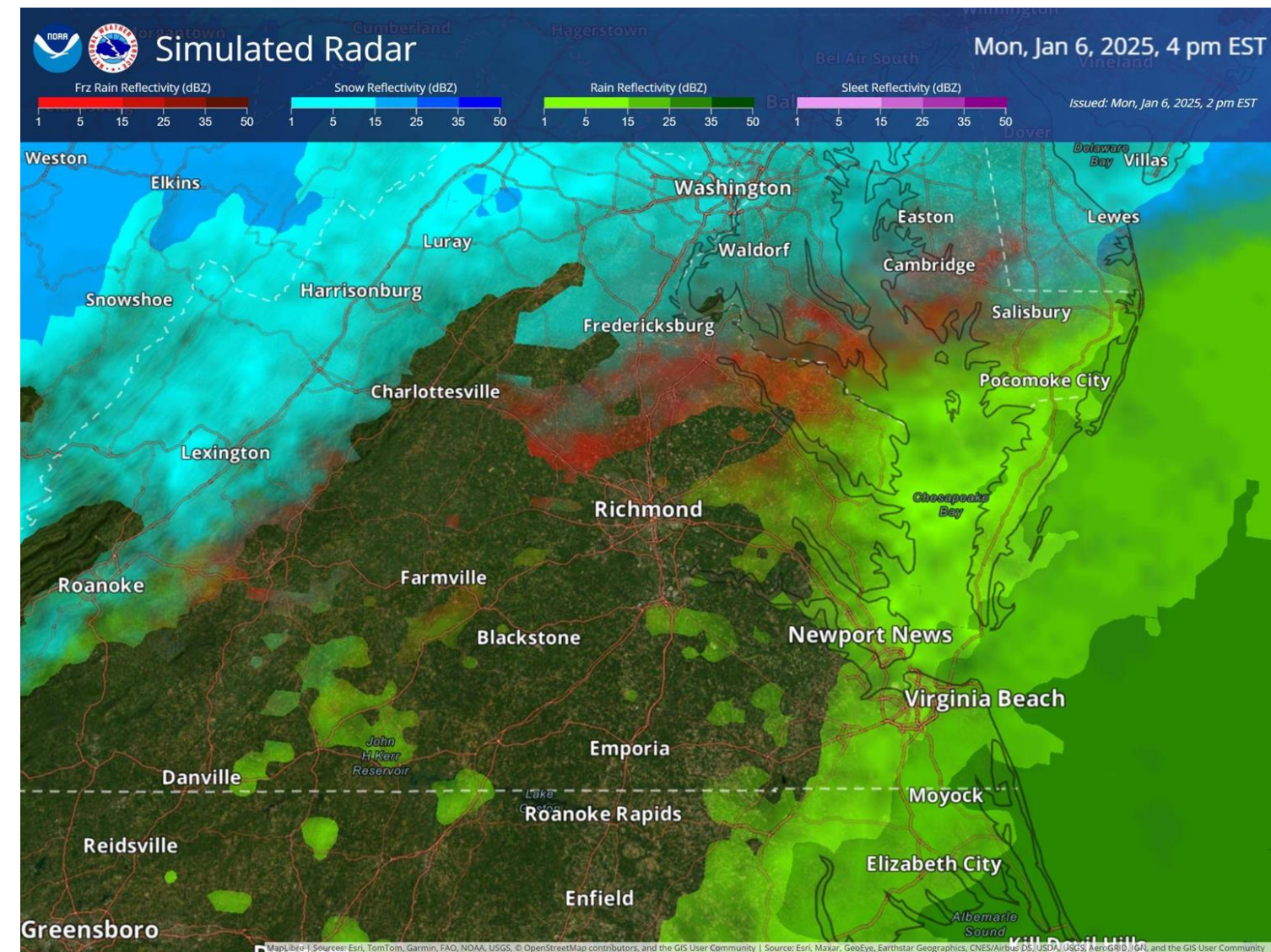


- **Details:** Additional snow accumulations are anticipated this evening as the system exits. Cold air will switch nearly all precipitation over to snowfall. An additional 1-2" will be possible for areas north of I-64.
- **Timing:** Snowfall will exit the region by midnight for most.
- **Hazards:** **Quick accumulations from this last round of snow could cause reduced visibilities and slick conditions.** Refreezing of road surfaces is expected tonight into Tuesday morning.



Simulated Future Radar 4 PM to 6 PM

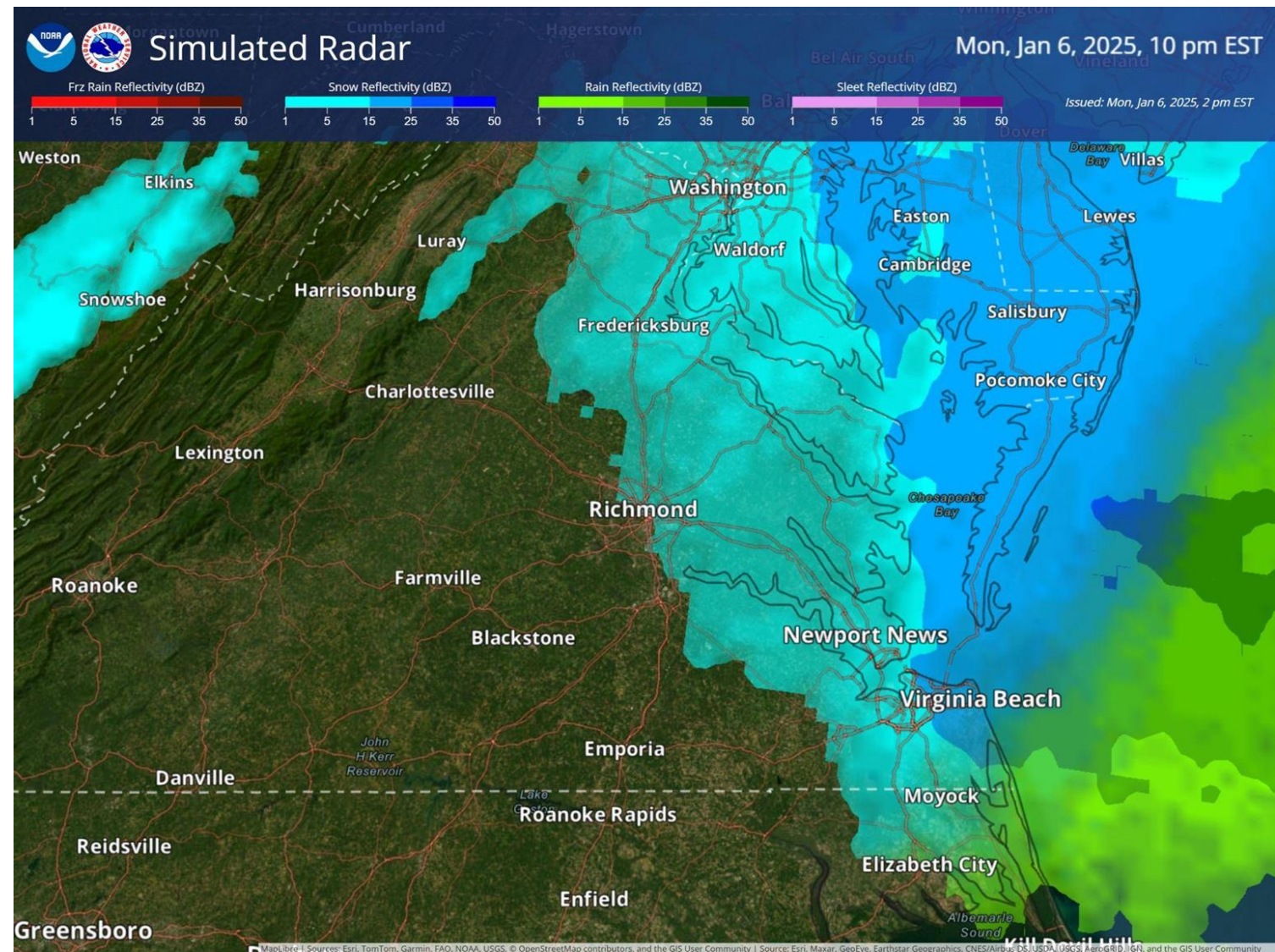
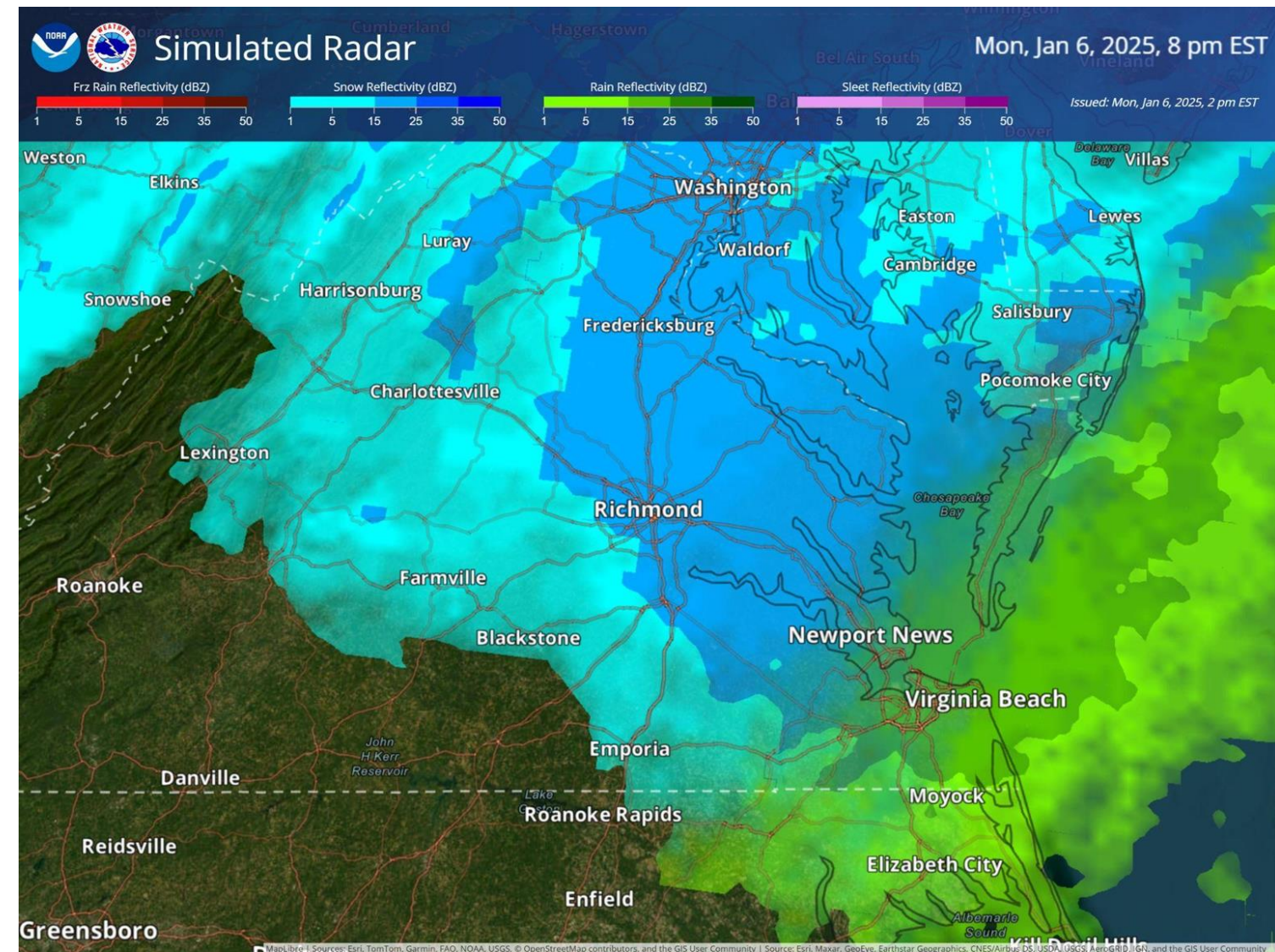
January 6, 2025
8:00 AM





Simulated Future Radar 8 PM - 10 PM

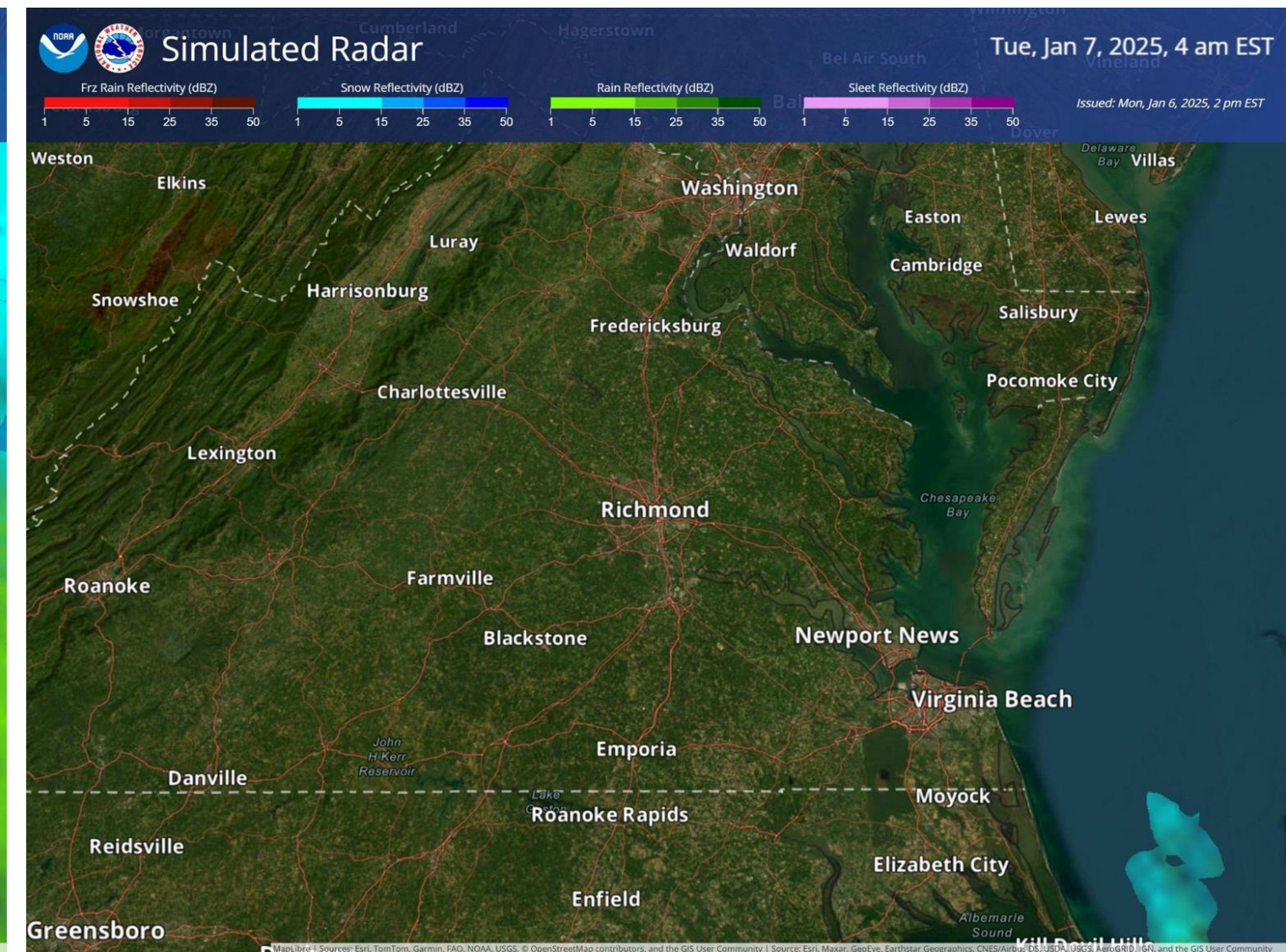
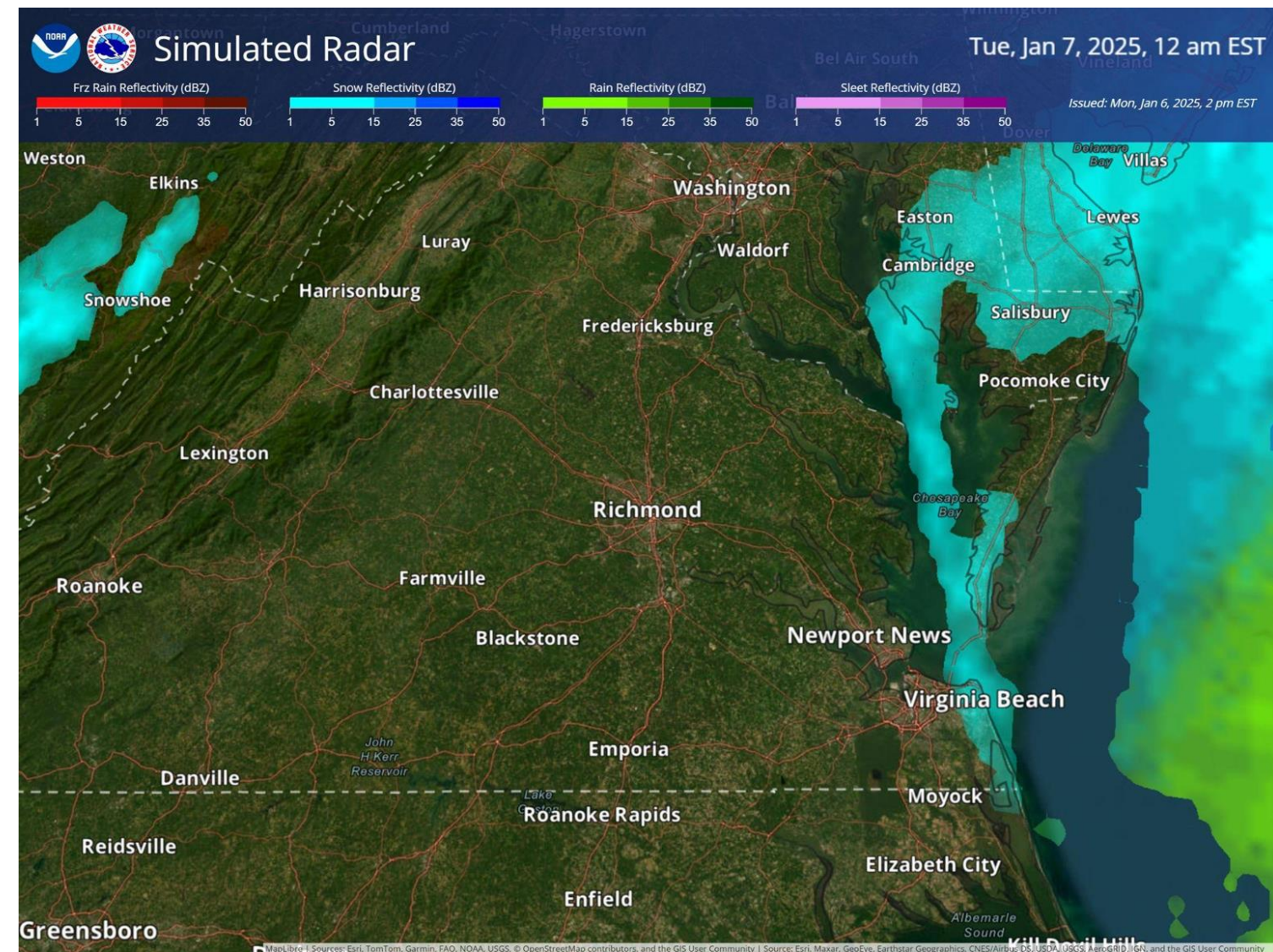
January 6, 2025
8:00 AM





Simulated Future Radar 12 AM - 4 AM

January 6, 2025
8:00 AM

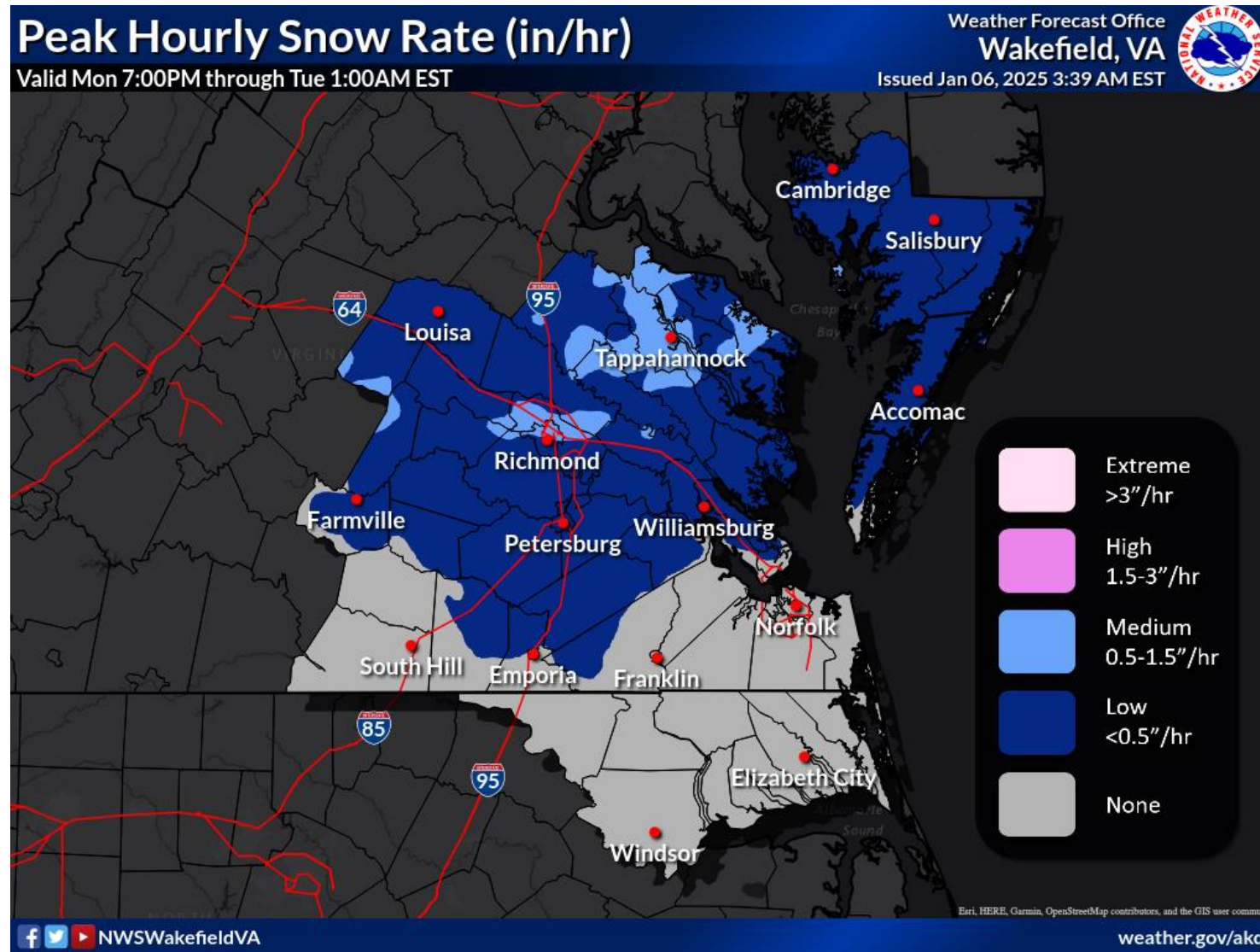




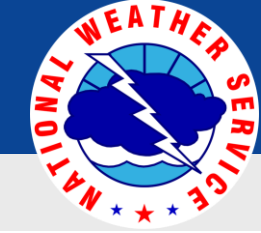
Snow Rates

January 6, 2025
4:00 PM

Mon 7 PM - Midnight



Snow rates of a 0.5 to 1 inch per hour are possible this evening, especially north of Richmond.



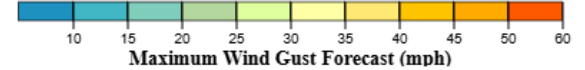
Peak Winds and Wind Timing

January 6, 2025
4:00 PM

Through Thursday

Maximum Wind Gust Forecast (mph)

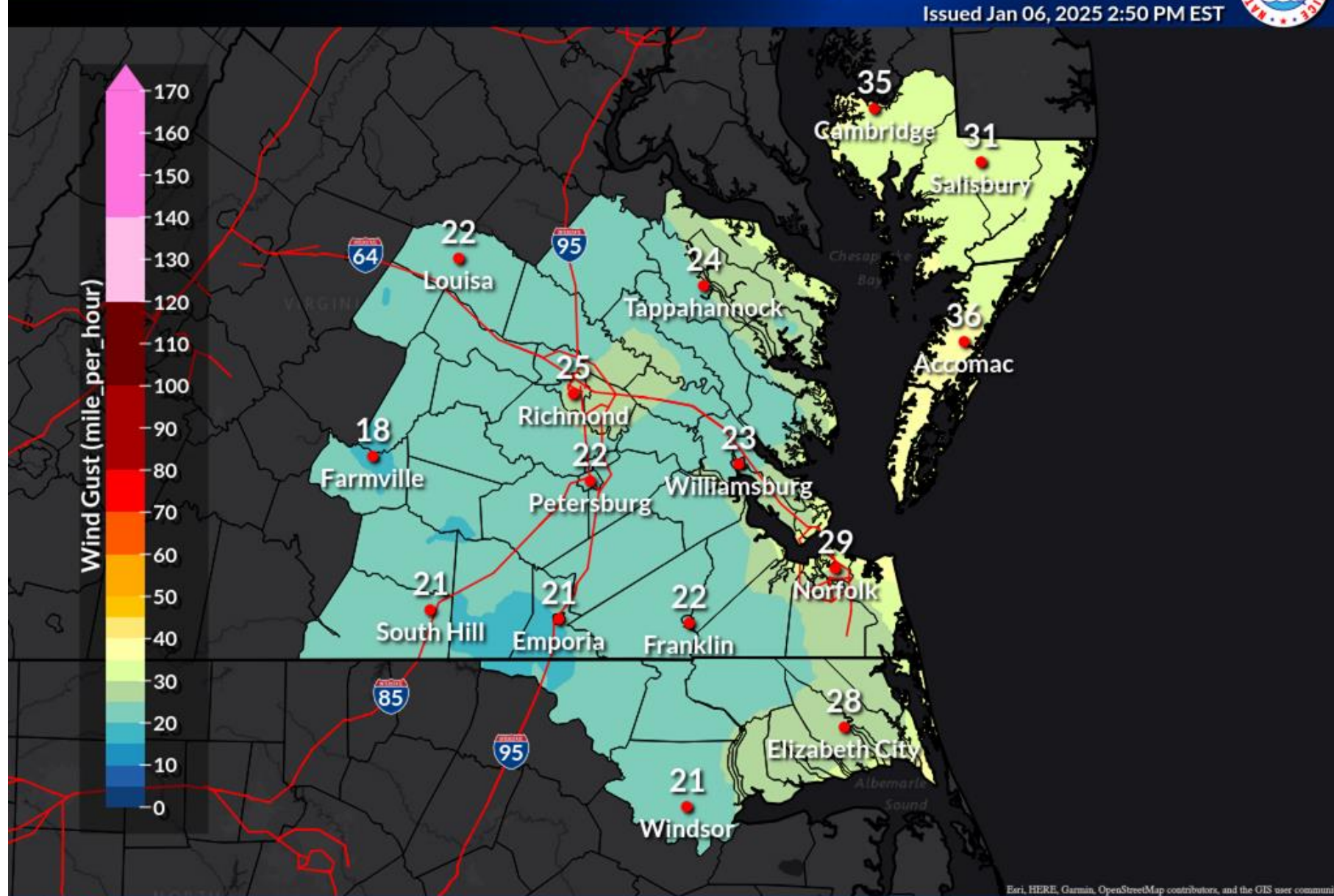
	1/6	1/7		1/8				1/9				1/10			
	Mon	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am
Accomac	25	30	36	36	26	23	26	26	22	24	41	43	33	26	24
Ahoskie	18	21	22	21	9	6	9	13	7	7	22	25	14	7	7
Bowling Green	16	16	24	24	13	6	13	15	7	7	24	25	16	9	9
Cambridge	21	25	31	33	24	18	25	28	18	20	37	37	29	22	20
Cape Charles	35	36	36	35	29	29	28	24	23	30	39	40	36	31	28
Corolla	37	36	36	33	25	26	24	21	21	28	36	37	35	29	26
Edenton	26	25	25	24	15	12	12	13	10	12	24	26	20	14	12
Elizabeth City	24	22	25	24	12	8	13	15	8	10	25	30	18	15	14
Emporia	16	16	18	21	9	6	9	13	7	6	22	24	13	6	6
Farmville	15	13	16	18	9	6	9	12	9	7	18	21	10	6	3
Goochland	18	15	22	22	10	3	13	13	7	7	22	24	14	7	6
Louisa	16	15	22	21	10	3	12	13	9	6	22	24	13	6	6
Norfolk / Portsmouth	28	30	30	26	18	17	17	18	15	20	28	31	28	23	22
Ocean City	29	31	33	35	25	21	28	28	22	24	39	41	33	28	25
Petersburg	21	18	22	22	10	6	12	13	7	7	24	25	16	7	7
Richmond	22	21	25	25	13	6	15	15	9	9	25	28	17	9	9
Salisbury	22	24	31	31	20	14	24	28	16	16	33	36	26	20	20
Snow Hill	23	25	31	31	21	16	25	26	18	20	33	36	29	22	21
South Hill	18	18	18	21	10	7	12	13	9	9	21	22	13	6	6
Suffolk	22	22	24	24	12	7	13	15	8	9	25	29	20	13	13
Tappahannock	20	22	23	25	15	10	15	18	12	12	25	28	18	15	14
Virginia Beach	33	33	36	33	24	25	24	22	20	26	36	36	32	28	26
Wakefield	16	16	22	22	10	3	9	13	7	6	24	25	14	7	9
Williamsburg	16	20	23	23	10	7	13	15	8	8	23	28	17	12	12
Windsor	18	18	21	21	9	6	9	12	7	7	22	24	14	7	9



Created: 3 pm EST Mon 1/6/2025 | Values are maximums over the period beginning at the time shown.

Maximum Wind Gust through Tuesday

Weather Forecast Office
Wakefield, VA
Issued Jan 06, 2025 2:50 PM EST





Lows Tuesday Morning / Highs Tuesday

January 6, 2025
4:00 PM

Valid through Wednesday morning

Tuesday Morning Low

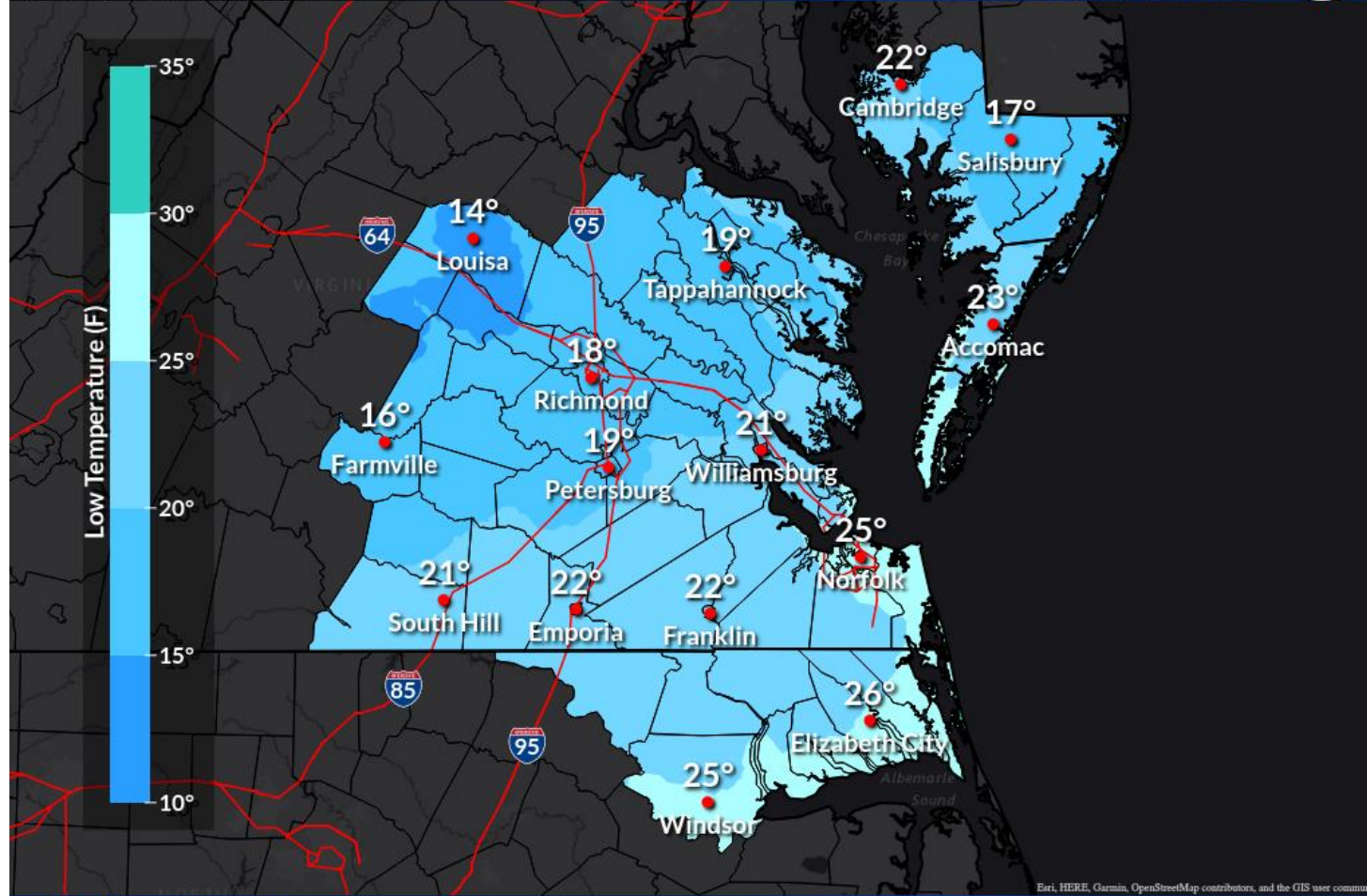
Tuesday Afternoon High

Min Temperature

Valid Tuesday, January 07, 2025

Weather Forecast Office
Wakefield, VA

Issued Jan 06, 2025 8:30 AM EST



NWSWakefieldVA

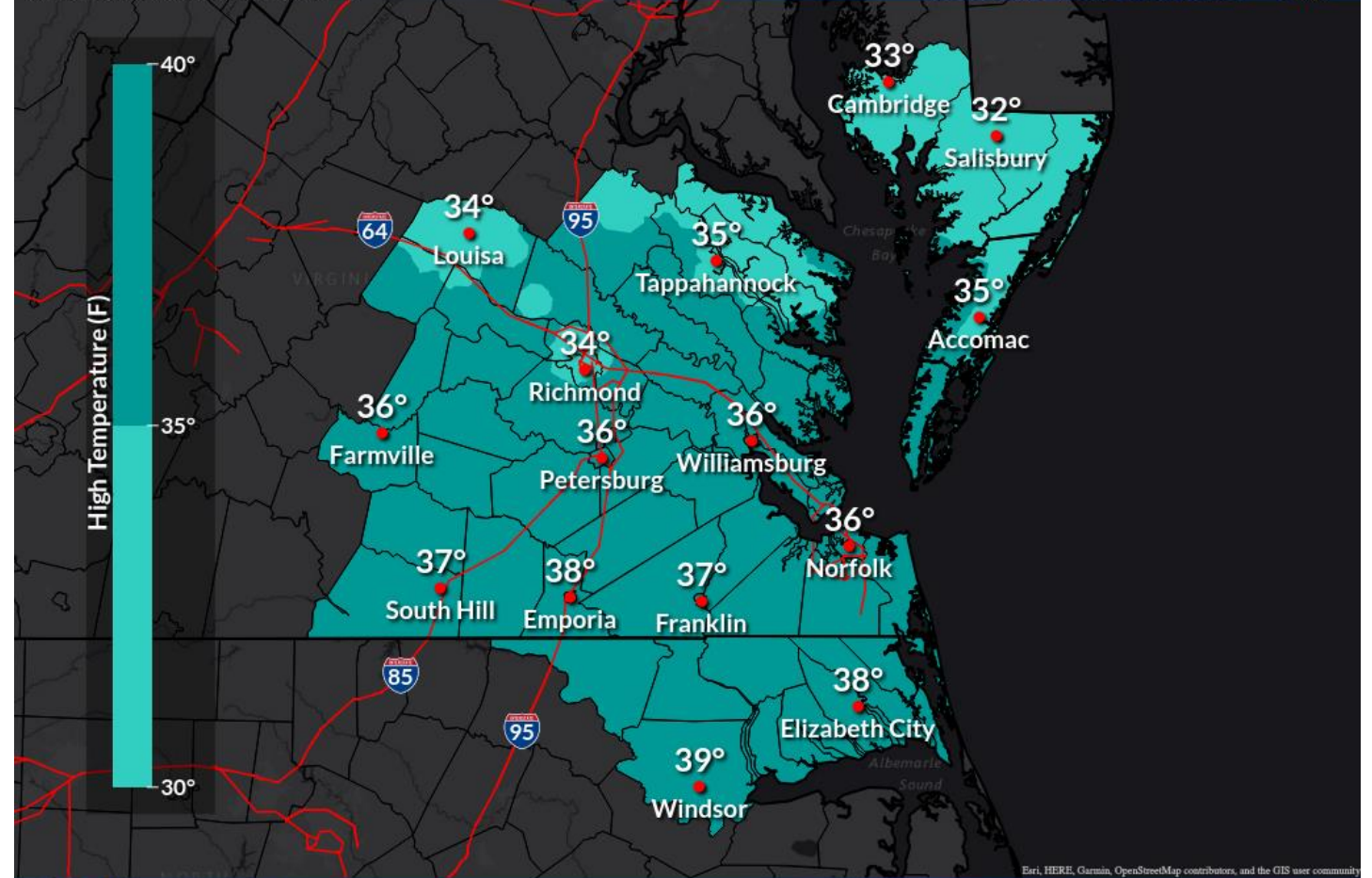
weather.gov/akq

Max Temperature

Valid Tuesday, January 07, 2025

Weather Forecast Office
Wakefield, VA

Issued Jan 06, 2025 8:29 AM EST



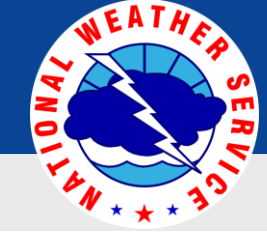
NWSWakefieldVA

weather.gov/akq



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

National Weather Service
Wakefield, VA



Daily Highs / Lows / Precipitation

January 6, 2025
4:00 PM

Maximum Temperature Forecast (°F)

	1/7 Tue	1/8 Wed	1/9 Thu	1/10 Fri	1/11 Sat	1/12 Sun	1/13 Mon
Accomac	34	32	32	35	37	37	38
Ahoskie	37	38	35	38	37	39	42
Bowling Green	34	31	30	34	35	37	38
Cambridge	32	30	29	33	34	35	36
Cape Charles	35	33	33	35	37	38	39
Corolla	36	38	35	38	42	39	42
Edenton	38	40	37	40	41	41	44
Elizabeth City	36	38	35	39	40	40	43
Emporia	37	37	34	38	37	40	42
Farmville	36	33	31	37	36	39	41
Goochland	34	32	30	35	35	38	38
Louisa	34	31	30	33	34	37	38
Norfolk / Portsmouth	37	37	35	38	42	41	44
Ocean City	32	31	30	34	36	36	38
Petersburg	34	35	33	36	36	39	40
Richmond	34	32	31	35	35	38	38
Salisbury	31	30	29	35	36	37	38
Snow Hill	32	32	30	35	36	37	38
South Hill	36	35	33	38	37	40	42
Suffolk	35	37	34	38	38	39	42
Tappahannock	34	31	31	34	35	38	38
Virginia Beach	36	36	34	37	40	39	41
Wakefield	35	35	33	37	36	38	41
Williamsburg	35	35	33	36	37	38	40
Windsor	38	39	36	40	40	41	44



Maximum Temperature Forecast (°F)

Created: 3 pm EST Mon 1/6/2025 | Values are maximums over the period beginning at the time shown.

Minimum Temperature Forecast (°F)

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

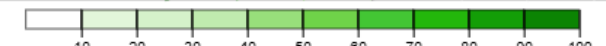


Minimum Temperature Forecast (°F)

Created: 3 pm EST Mon 1/6/2025 | Values are minimums over the period beginning at the time shown.

Probability of Precipitation Forecast (%)

	1/6 Mon			1/7 Tue				
	3pm	6pm	9pm	12am	3am	6am	9am	12pm
Accomac	65	85	85	60	0	0	0	0
Ahoskie	80	50	45	5	0	0	0	0
Bowling Green	40	85	85	25	0	0	0	0
Cambridge	50	85	85	60	0	0	0	0
Cape Charles	80	85	85	50	15	0	0	0
Corolla	100	70	55	35	20	0	0	0
Edenton	95	60	30	5	5	0	0	0
Elizabeth City	95	60	50	20	5	0	0	0
Emporia	35	50	50	5	0	0	0	0
Farmville	50	55	55	5	0	0	0	0
Goochland	50	80	80	10	0	0	0	0
Louisa	55	80	80	10	0	0	0	0
Norfolk / Portsmouth	95	80	80	30	5	0	0	0
Ocean City	65	80	80	70	5	0	0	0
Petersburg	30	70	70	10	0	0	0	0
Richmond	35	80	80	15	0	0	0	0
Salisbury	55	80	80	65	5	0	0	0
Snow Hill	60	80	80	65	0	0	0	0
South Hill	35	40	40	5	0	0	0	0
Suffolk	85	70	70	20	5	0	0	0
Tappahannock	35	85	85	30	0	0	0	0
Virginia Beach	95	80	80	40	20	0	0	0
Wakefield	50	70	70	15	0	0	0	0
Williamsburg	40	85	85	25	0	0	0	0
Windsor	90	50	30	5	0	0	0	0



Probability of Precipitation Forecast (%)

Created: 3 pm EST Mon 1/6/2025 | Values are maximums over the period beginning at the time shown.



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Wakefield, VA



Minimum Wind Chill Forecast

January 6, 2025
4:00 PM

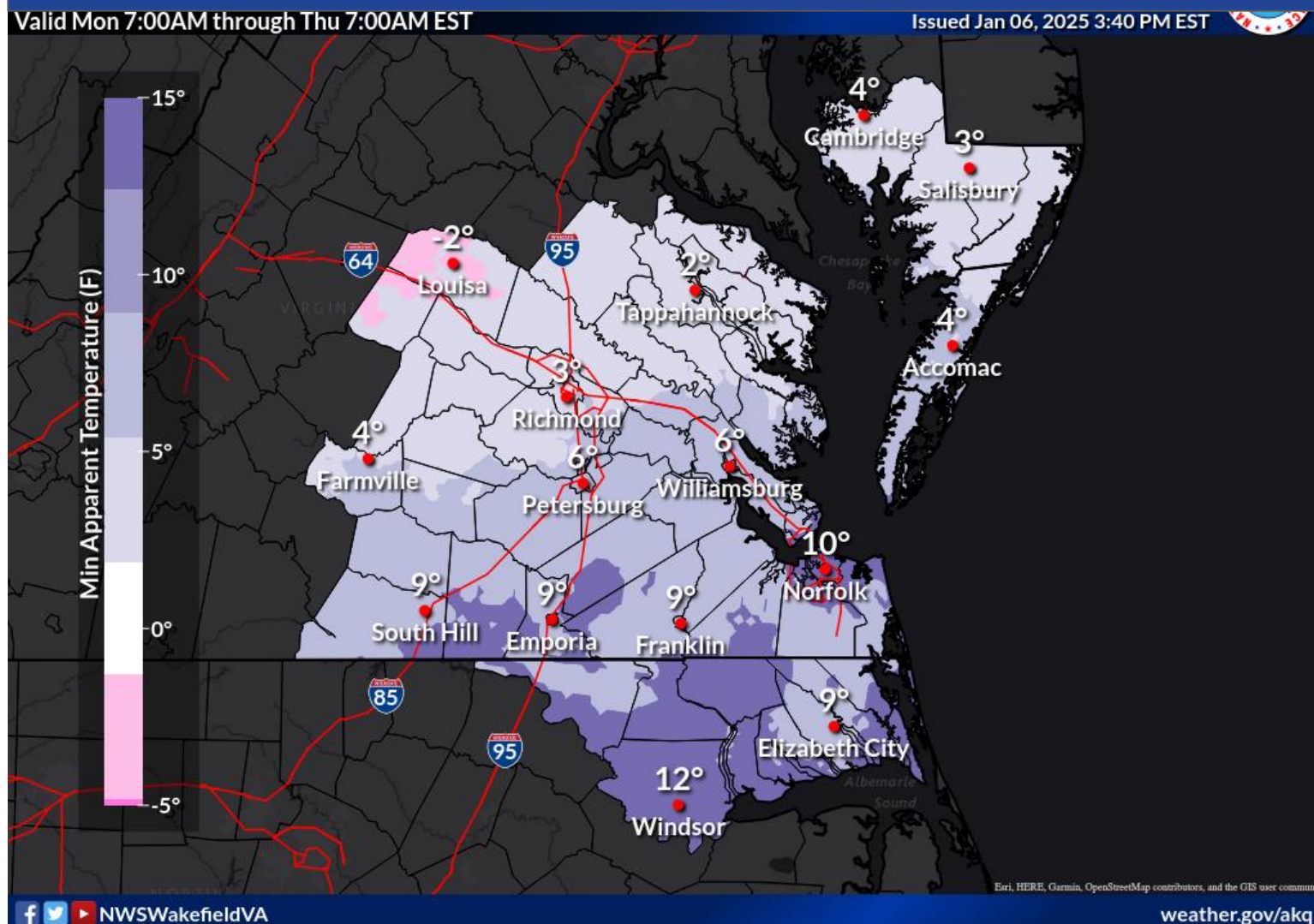
Minimum Wind Chill Forecast (°F)

	1/6	1/7		1/8		1/9		1/10		1/11									
	Mon	Tue		Wed		Thu		Fri		Sat									
	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am								
Accomac	19	10	10	19	13	11	11	18	12	8	8	16	12	10	11	22	23	24	24
Ahoskie	22	15	14	25	18	16	17	27	18	12	10	22	17	15	14	30	30	28	25
Bowling Green	16	7	7	19	12	12	8	19	13	6	6	15	10	7	6	24	27	24	24
Cambridge	17	8	8	17	12	10	10	16	9	6	5	13	11	10	10	21	22	21	20
Cape Charles	22	15	14	21	17	16	15	20	16	13	12	18	15	13	14	23	24	25	25
Corolla	26	18	15	23	18	17	16	26	18	13	12	20	16	15	14	27	27	26	26
Edenton	23	17	16	26	19	16	16	30	20	14	13	23	17	14	14	31	29	25	25
Elizabeth City	25	17	14	24	18	13	13	27	18	12	10	21	15	13	12	28	28	26	28
Emporia	20	14	13	25	16	15	16	26	16	12	9	20	15	14	17	31	30	27	27
Farmville	18	10	8	23	13	10	10	22	14	8	6	17	10	9	12	30	29	27	26
Goochland	16	6	4	19	9	10	7	20	10	4	2	14	6	5	8	26	27	25	24
Louisa	15	7	5	20	9	10	7	18	9	5	2	14	6	6	9	25	26	24	24
Norfolk / Portsmouth	23	15	14	21	18	14	12	24	17	11	10	20	14	12	12	27	26	23	23
Ocean City	18	4	4	16	11	7	7	16	10	5	4	13	11	9	9	22	20	20	22
Petersburg	17	10	8	19	13	10	10	23	16	10	7	17	12	10	9	26	29	27	26
Richmond	16	9	7	19	11	8	8	19	13	6	5	15	9	6	5	25	26	26	25
Salisbury	18	6	6	16	11	8	8	15	8	4	2	12	9	8	8	23	22	24	22
Snow Hill	18	8	6	17	13	10	10	18	11	6	6	14	11	10	9	22	22	21	21
South Hill	19	16	13	23	16	14	13	24	15	10	9	20	16	13	18	31	30	28	28
Suffolk	22	14	13	23	18	15	15	26	17	12	10	20	14	13	11	28	29	28	26
Tappahannock	19	9	8	19	10	8	6	18	11	5	5	16	10	8	7	24	23	21	21
Virginia Beach	23	16	14	22	18	16	14	24	16	11	11	19	16	14	14	25	26	25	25
Wakefield	20	14	12	22	15	16	14	24	16	12	9	19	15	12	11	29	29	27	26
Williamsburg	21	12	10	22	15	12	10	22	16	10	8	19	14	11	11	26	29	27	27
Windsor	24	19	17	28	20	18	21	29	21	16	14	23	18	17	16	31	32	29	28



Created: 3 pm EST Mon 1/6/2025 | Values are minimums over the period beginning at the time shown.

Minimum Wind Chill Values Through Thursday Morning



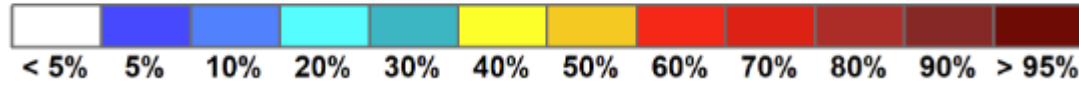


Possible Winter Impacts Sat & Sun / Jan 11-12

January 6, 2025
4:00 PM

UPDATED

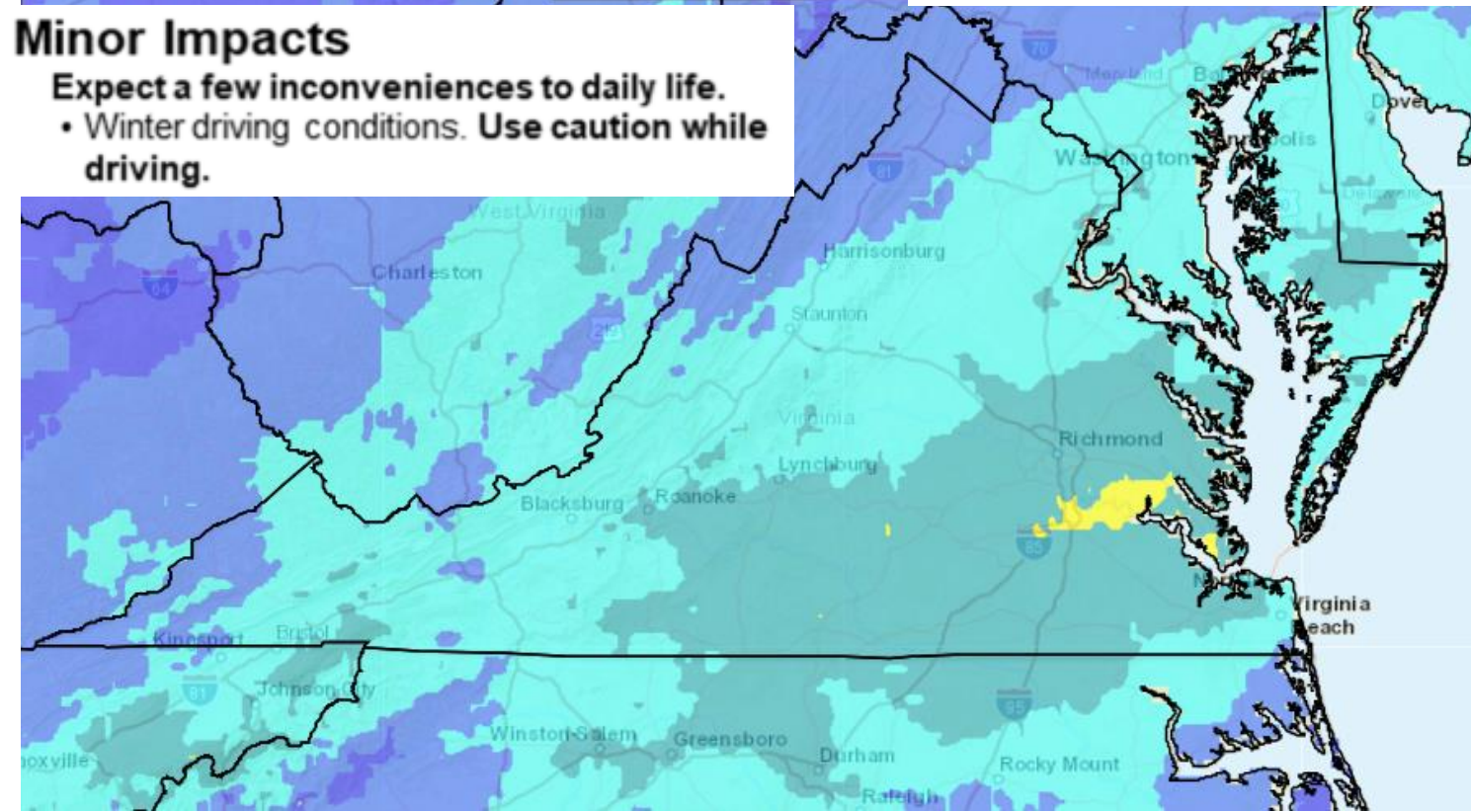
Likelihood of Impact



Minor Impacts

Expect a few inconveniences to daily life.

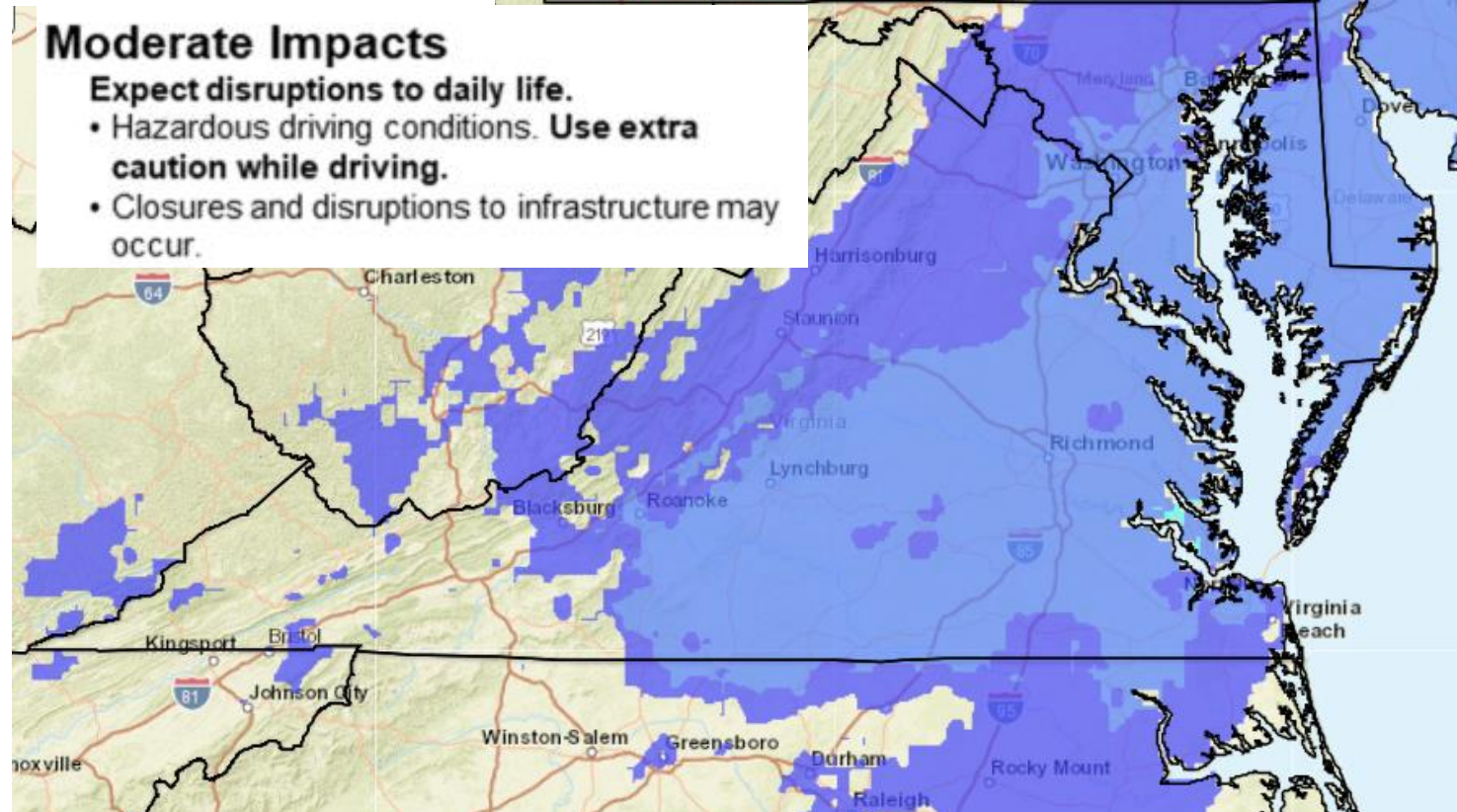
- Winter driving conditions. **Use caution while driving.**



Moderate Impacts

Expect disruptions to daily life.

- Hazardous driving conditions. **Use extra caution while driving.**
- Closures and disruptions to infrastructure may occur.



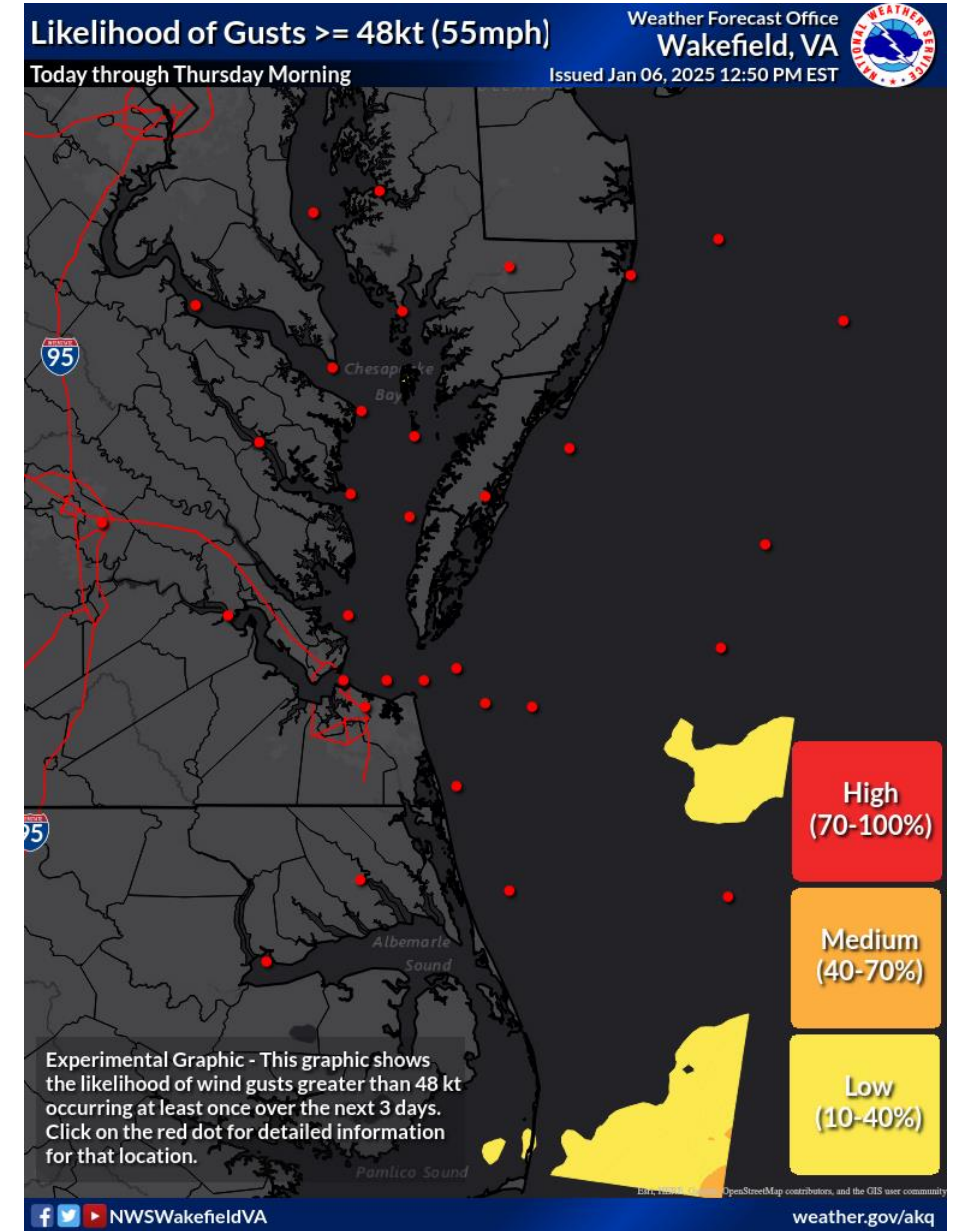
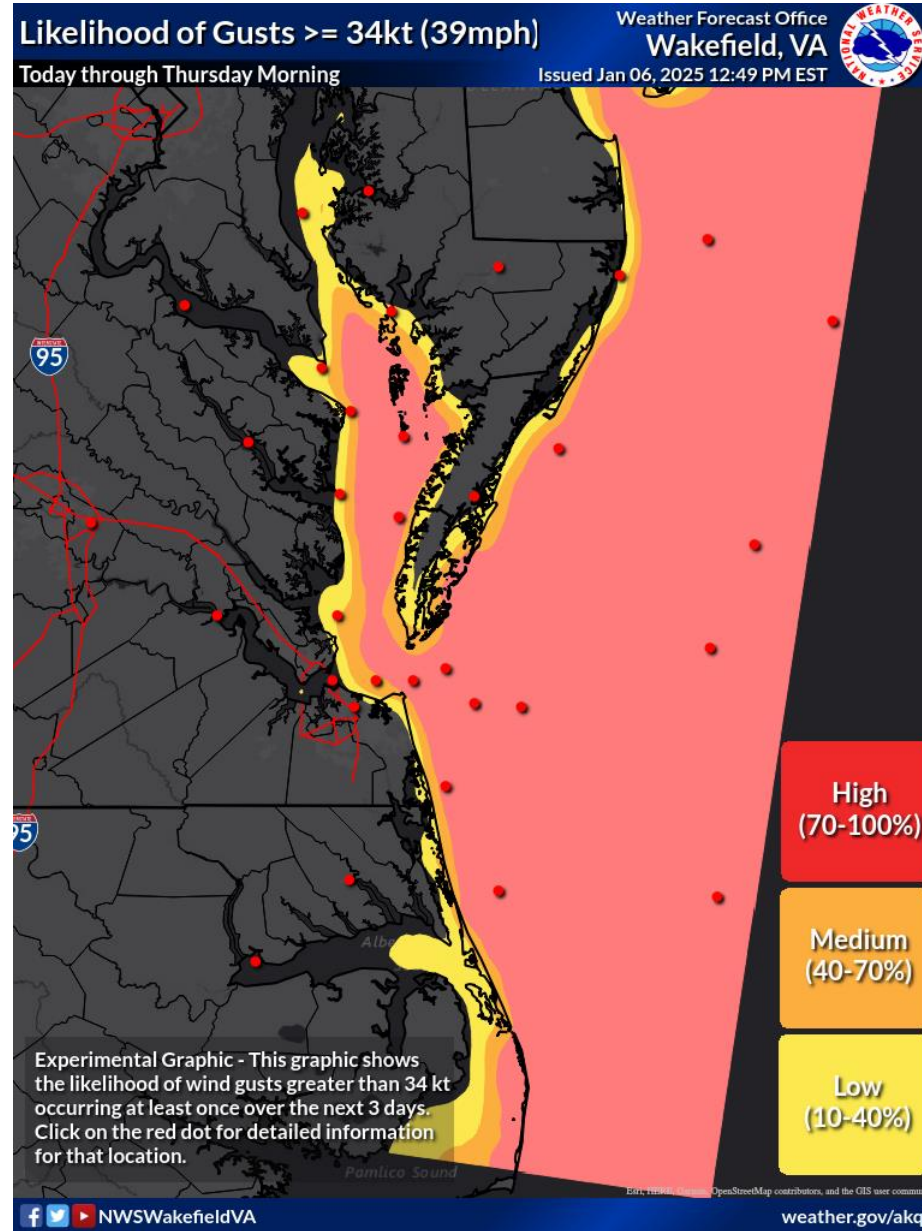
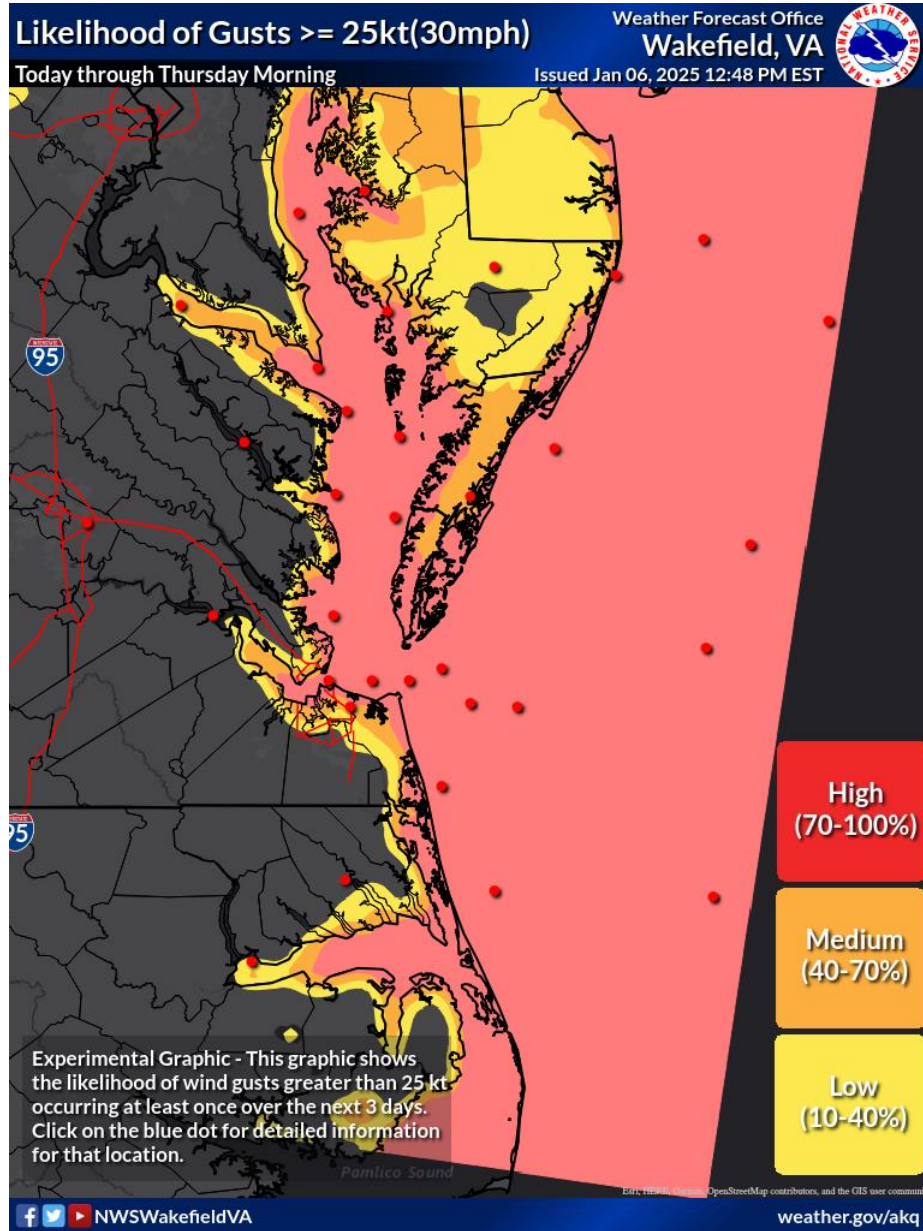
Key Points:

- **There is the potential for a storm system to move up the coast (a nor'easter) Sat and Sun. Depending on the track and intensity of the system, the storm could bring accumulating snow to the region. Images above represent potential impacts across the region from snow this weekend. Stay tuned.**
- There remain a lot of uncertainty regarding this potential system this weekend. Stay tuned to later forecasts. It will be very cold across the area ahead of this system.



Marine Wind Probabilities

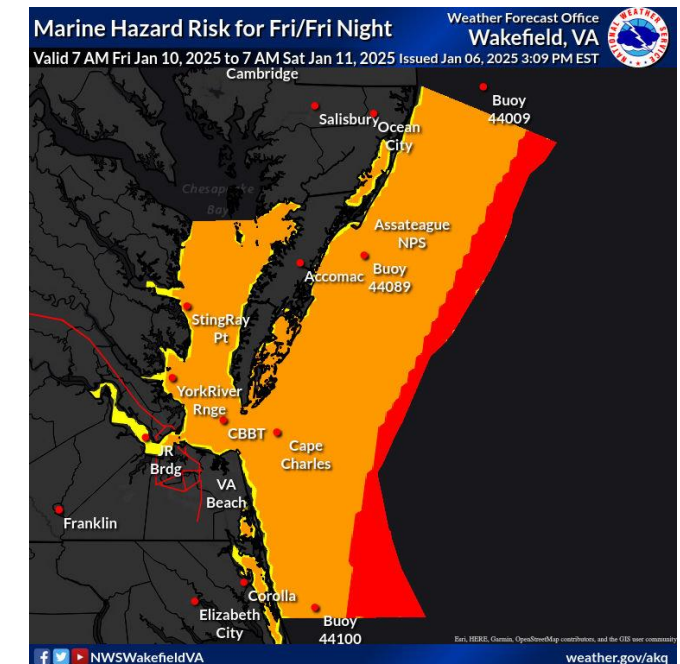
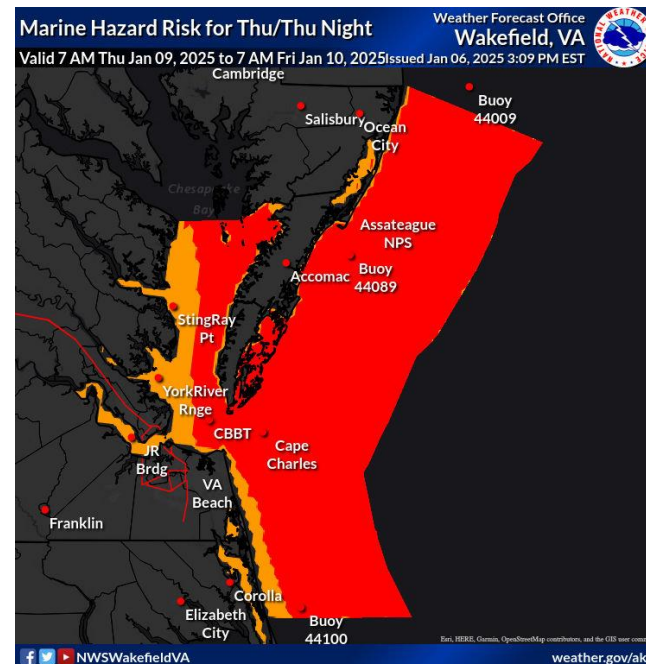
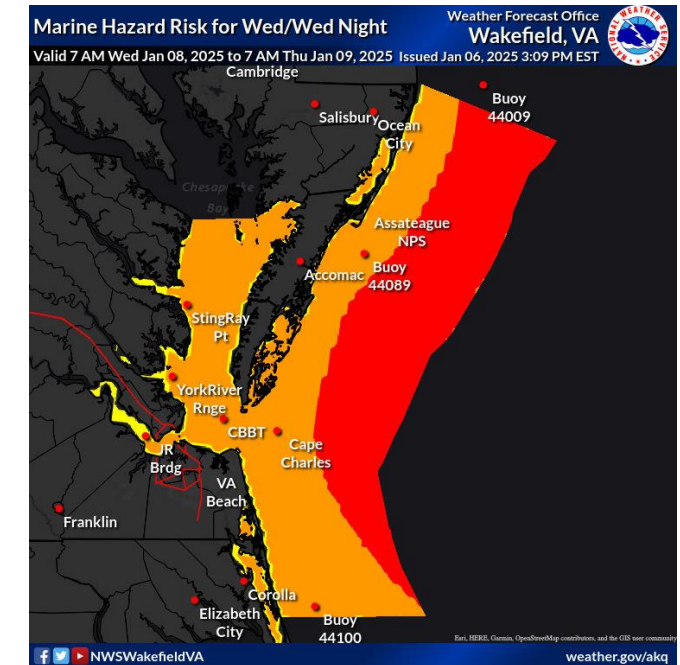
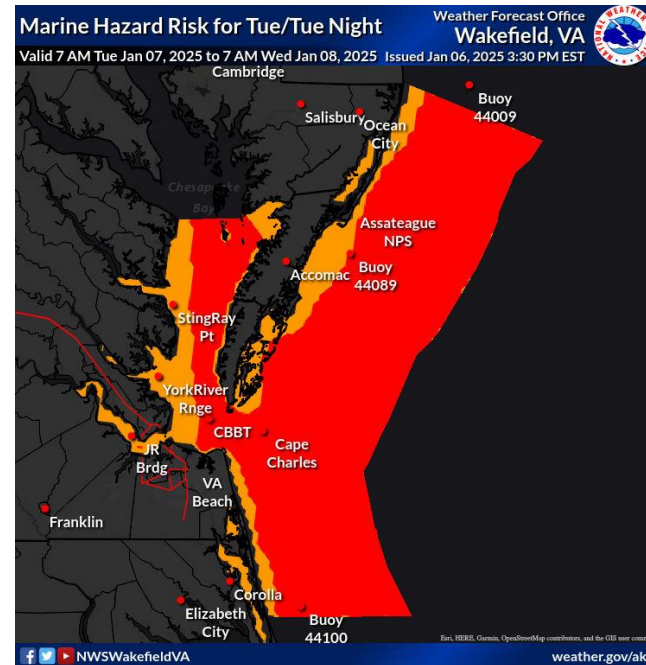
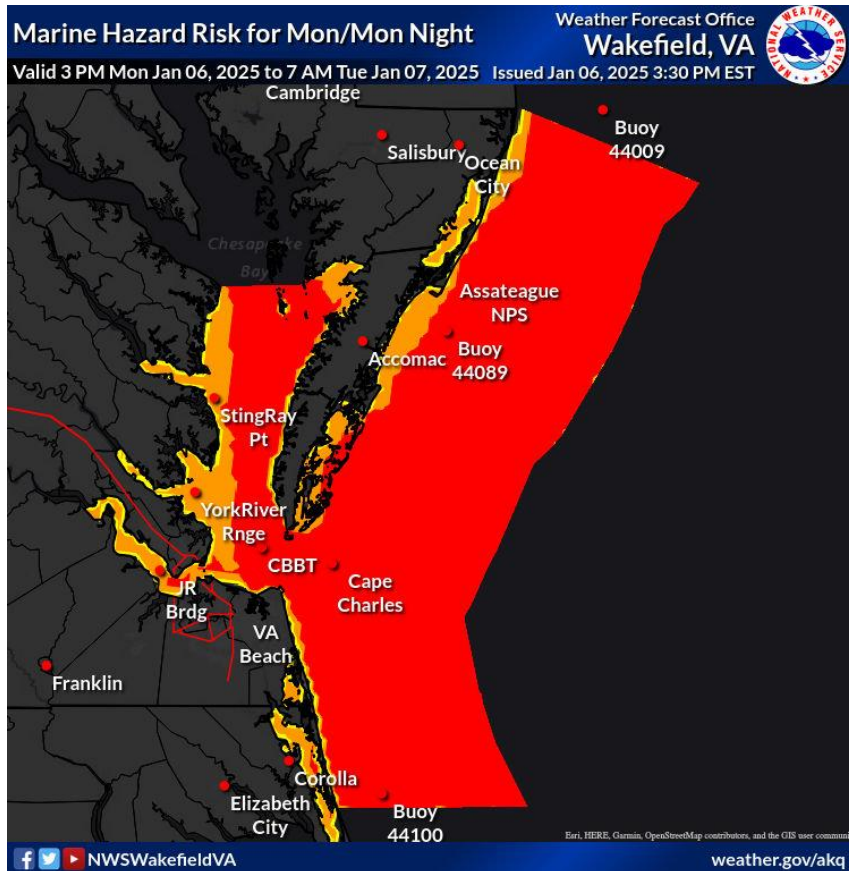
January 6, 2025
4:00 PM





Marine Threat Potential - Next 5 Days

January 6, 2025
4:00 PM



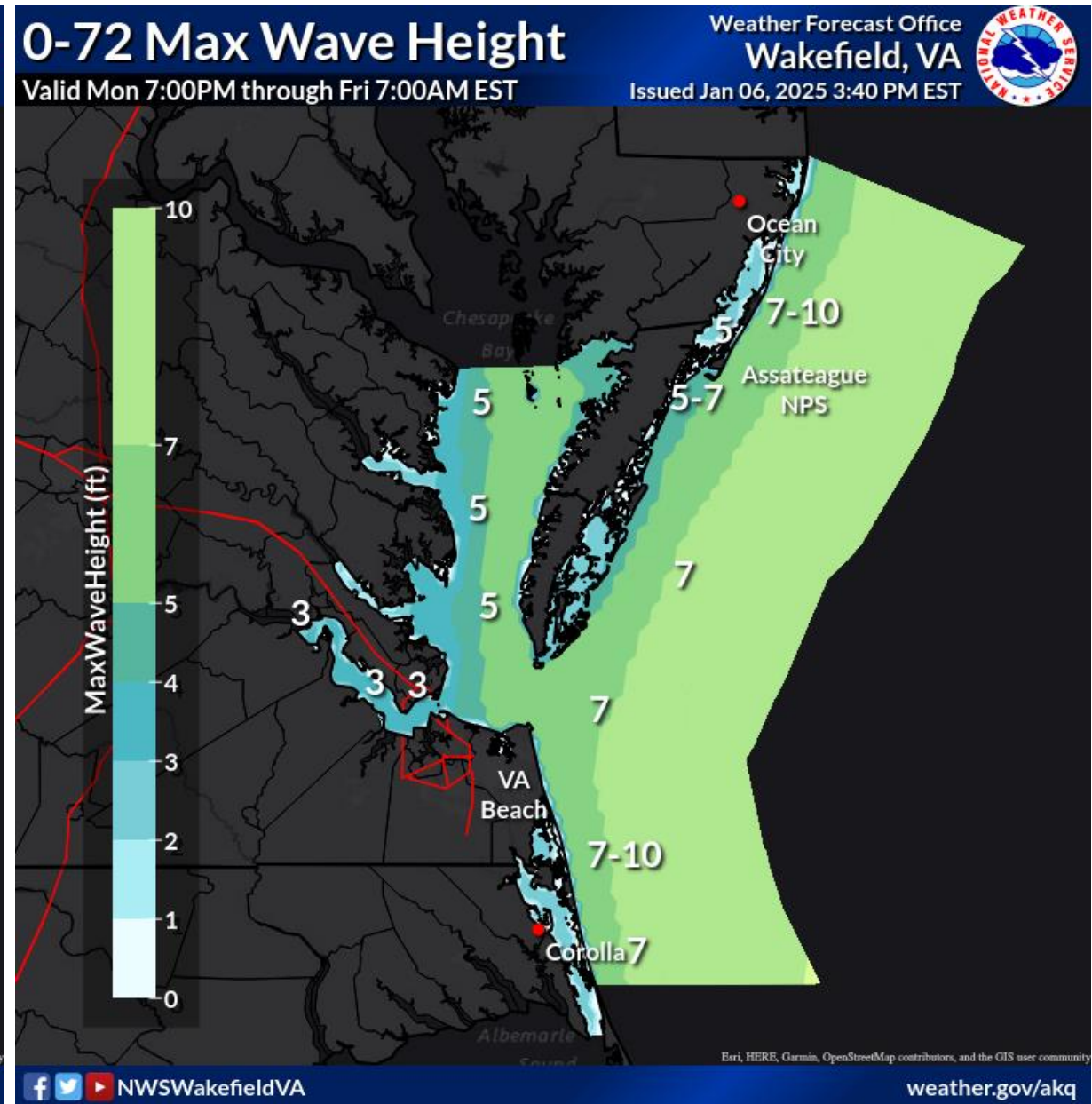
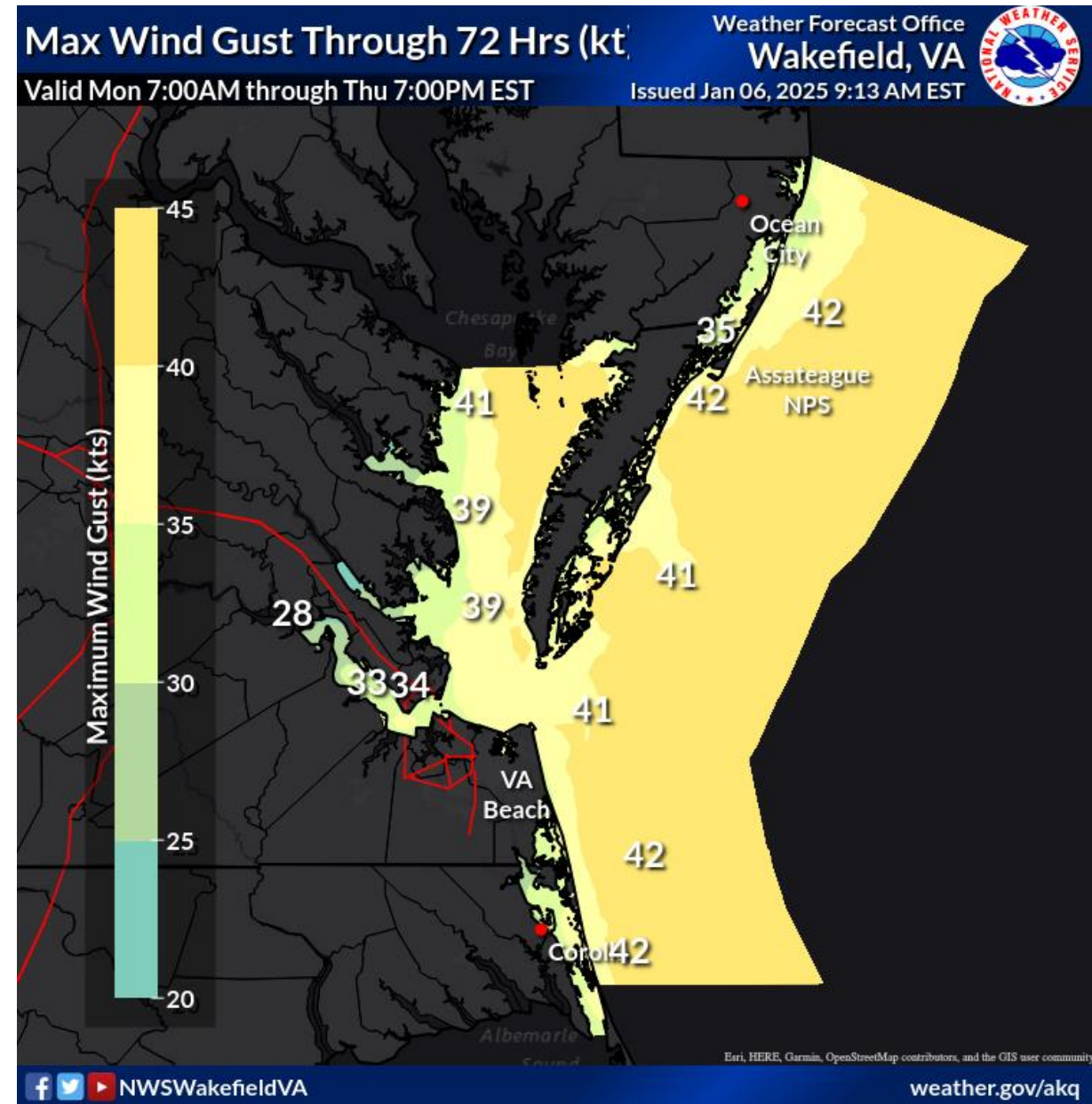
Limited	Wind Gusts \geq 20 knots (15 kt Bay & rivers) and/or Waves \geq 4 feet (2 ft Bay & rivers).
Elevated	Wind Gusts \geq 25 knots (20 kt Bay & rivers) and/or Waves \geq 5 feet (\geq 4 ft Bay & rivers).
Significant	Wind Gusts \geq 34 knots and/or Waves \geq 8 feet (\geq 5 ft Bay & rivers).
Extreme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





Marine Threat Potential

January 6, 2025
4:00 PM



Key Points:

Gale Warnings are in effect later today through Tuesday.

Northwest winds rapidly increase later this afternoon into this evening, with gusts of 35 to 40+ knots possible by tonight.

Waves and seas will also increase with the wind.

Hazardous marine conditions are expected to continue through much of the week.

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

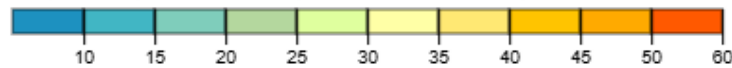


Marine Forecast Summary

January 6, 2025
4:00 PM

Maximum Wind Gust Forecast (kt)

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

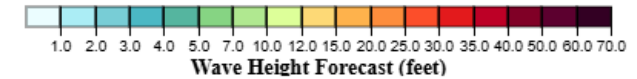


Maximum Wind Gust Forecast (kt)

Created: 3 pm EST Mon 1/6/2025 | Values are maximums over the period beginning at the time shown.

Wave Height Forecast (feet)

	1/6	1/7		1/8		1/9		1/10		1/11
	Mon	Tue		Wed		Thu		Fri		Sat
	12pm	12am	12pm	12am	12pm	12am	12pm	12am	12pm	12am
CBBT	4.0	5.0	4.0	4.0	4.0	5.0	5.0	4.0	3.0	2.0
Cape Henry	4.0	5.0	5.0	4.0	4.0	5.0	5.0	5.0	3.0	2.0
Chesapeake Light	6.0	7.0	7.0	5.0	4.0	6.0	7.0	7.0	5.0	3.0
Chincoteague Shoal	4.0	5.0	5.0	4.0	3.0	5.0	5.0	5.0	3.0	2.0
Duck, NC	5.0	6.0	6.0	5.0	4.0	5.0	6.0	6.0	4.0	3.0
Fenwick Shoal	5.0	6.0	6.0	5.0	4.0	5.0	5.0	5.0	4.0	2.0
HRBT	3.0	3.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0	1.0
JRB	3.0	3.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	1.0
New Point Comfort	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	1.0
Parramore Banks	5.0	6.0	5.0	4.0	4.0	5.0	5.0	5.0	3.0	3.0
Rappahannock Light	4.0	5.0	4.0	4.0	4.0	5.0	5.0	4.0	3.0	1.0
Tangier	4.0	5.0	4.0	4.0	4.0	5.0	5.0	4.0	3.0	1.0
Thimble Shoal	4.0	4.0	4.0	4.0	3.0	4.0	4.0	4.0	3.0	2.0



Wave Height Forecast (feet)

Created: 3 pm EST Mon 1/6/2025 | Values are maximums over the period beginning at the time shown.





Winter Storm Warnings or Winter Weather Advisories remain in effect for much of central and eastern Virginia, Northampton (NC) and the Lower Maryland Eastern Shore.

- **Another brief round of snow is expected late this afternoon and evening, as the storm system moves offshore and cold air returns. This will result in up to 2” of additional snow mainly before midnight. The heaviest snow will likely be north and east of Richmond and across the Maryland Eastern Shore.**
- Bitterly cold temperatures are expected following the winter event. Wind chills will drop into the single digits in places tonight with **Cold Weather Advisories** in effect for portions of Central VA. Daytime highs are only expected to be in the 30s for much of the week, with nighttime lows in the teens to potentially single digits in spots. Additional cold weather advisories are expected this week.
- Another winter storm system potentially impacts the region this weekend.
- **Marine Weather** - Gale conditions are expected for all waters tonight into Tuesday.



Contact and Next Briefing Information

January 6, 2025
4:00 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)





Add Weather/Water Message

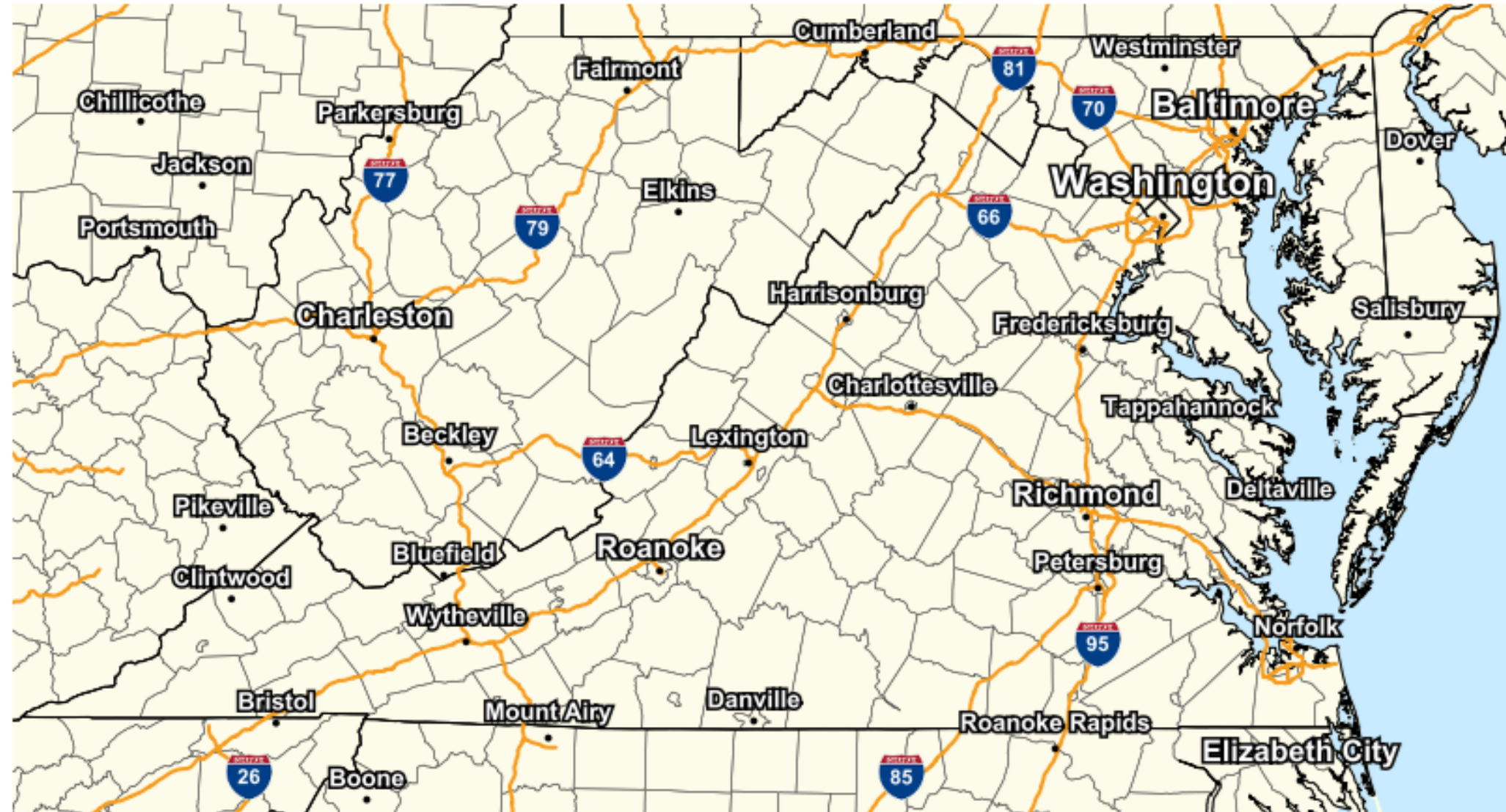
January 6, 2025
4:00 PM

Add Weather/Water Message (optional)



Excessive Cold

Cold Weather Advisory



Graphic Created
January 6th, 2025
2:35 PM EST

