





Michael D. Johnson, P.E. Director

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Snow Summit December 2022



EMERGENCY PREPAREDNESS: WINTER WEATHER

Prince George's County Office of Homeland Security/ Emergency Management Division

s beautiful as snow is it can e troublesome for many...

- "Snowmageddon" was a North American blizzard that brought 10-20 inches of snow across a wide swath from Washington, DC to New York City, with parts of the Baltimore metro area receiving more than 20 inches (51 cm).
- "Snowmageddon" lasted roughly 12 days, ending on February 10, 2010.

Driving In a Snowstorm

Roads that been plowed may be passable, but you still need to be cautious.



Unplowed roads are extremely dangerous and may be impassable by vehicle and even on foot.



Build Your Emergency Kit

With winter approaching, be sure build your emergency kit with supplies specific to the winter season.

Home

- Rock salt or more environmentally safe products to melt ice on walkways
- Sand/gravel to improve traction
- Snow shovels or other snow removal equipment
- Heating fuel including propane, kerosene, or dry wood if you have a fireplace
- Adequate clothing and blankets to keep warm, including coats, sweaters, hats, gloves, mittens, scarves, etc.

Car

- Shovel
- Windshield scraper
- Flashlight
- Water/Food
- Extra clothing and blankets to keep warm
- Jumper cables
- Road salt and sand
- Emergency flares



- Properly insulate walls and attics, caulk and weather-strip doors and windows, and install storm windows or cover windows with plastic.
 - Clear rain gutters, repair roof leaks, and cut away tree branches that could fall on a house during a storm.
- Maintain heating equipment and chimneys by having them cleaned and inspected.
- Insulate pipes with insulation or newspapers and plastic and allow faucets to drip a little during cold weather to avoid freezing.
- All fuel-burning equipment should be vented to the outside and kept clear.
- Keep fire extinguishers on hand, and make sure everyone in your house knows how to use them.
- Learn how to shut off water valves (in case a pipe bursts).
- Check the condition of your roof for damaged, loose, or missing shingles.

Preparing Your Home

Be Informed!



EMERGENCY PREPAREDNESS STARTS AT HOME

SIGN UP for Alert Prince George's to receive alerts and information about severe weather, major traffic disruptions, significant power outages, and flooded areas.

Visit <u>alert.mypgc.us</u> to register.

For additional information and resources, visit our Preparedness Center: https://www.princegeorgescountymd.gov/ 782/Preparedness-Center

*Alert Prince George's is a free service. Check with your wireless provider to see if message and data rates apply.





Sign Up for ALERT Prince George's Today! <u>https://alert.mypgc.us</u>







@ PGCountyOEM



Prince George's County Snow Summit

Jerry Irvine, Communications

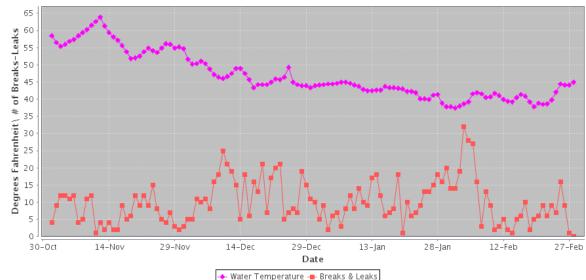
November 17, 2022

Winter is Water Main Break Season

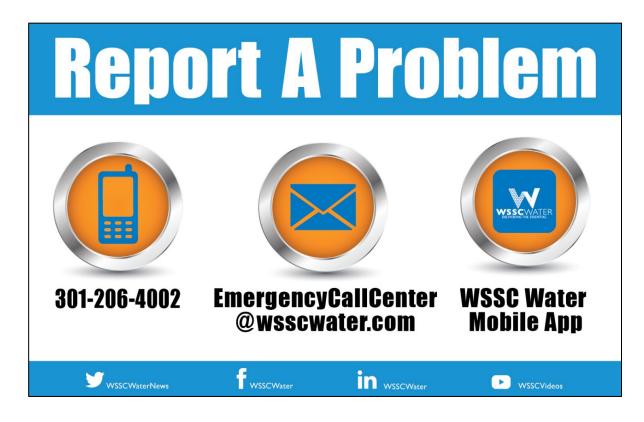
- Temperatures drop = water main breaks increase
- Average approx. 1,800 water main breaks every year
 0 1,200 between November - February
- Breaks/leaks tied to Potomac River water temperature
 - Increase in breaks/leaks a few days after river temp hits a new low

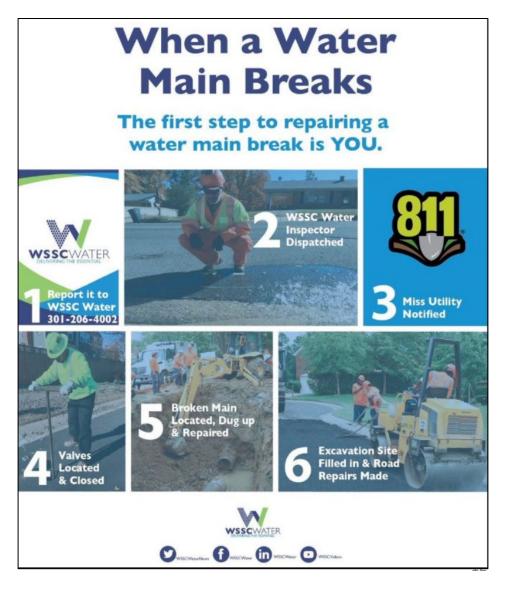


Potomac River Water Temperature vs. Water Main Breaks and Leaks (11/01/2020 - 02/28/2021)



When a Water Main Breaks





Be Prepared!

• Sign up for Customer Notification System to receive water/sewer emergency alerts

o wsscwater.com/cns

- Know when a break is in your neighborhood so you prepare for water service disruption
- Water main break repairs can take approx. six hours
- Extended power outages can create water restrictions



Protect your Pipes

• Interior pipes and indoor water meters need area with temperatures of at least 55 degrees

• Tips

- Turn off water to outside faucets, remove hoses and drain pipes
- Repair leaky windows, doors and walls
- \odot Seal air leaks in crawl spaces and basement areas
- \circ Insulate outside walls
- Open cabinets on cold nights to expose pipes to home's warmth

wsscwater.com/winterready



Don't be Salty, Be Salt Wise

- Salt levels increasing in both drinking water sources: Potomac and Patuxent Rivers

 Bad for aquatic life, pets, plants, lawns and people
 Corrodes vehicles, concrete and water mains
 Cannot be removed during filtration process
- Customers can do their part Be Salt Wise
 - $\,\circ\,$ Shovel snow right away
 - \circ Use less salt I2-oz mug can cover large area
 - Sweep and reuse salt Good for the environment and your pocketbook!
- wsscwater.com/saltwise



WSSC Water: Here to Help

- Customer Assistance Program (CAP): Provides credit up to \$112/year for fixed fees; Expanded eligibility for 67 years or older
- Bay Restoration Fund (BRF) Fee Exemption: Waives statemandated fee up to \$60/year
- Water Fund: assistance with water/sewer bills, up to \$500/year
- Flexible Payment Plans: extended due dates and convenient payment plans
- Bill Adjustments
 - Available to residential customers once every three years under certain circumstances
 - CAP-approved customers may be eligible to remove 100% of excess water & sewer usage for one billing cycle in any three-year period.
- PipeER: Provides loan to finance residential water service line replacement

wsscwater.com/assistance







PRINCE GEORGE'S COUNTY FIRE/EMS DEPARTMENT

Put a FREEZE on Winter Fire Safety

Home Fires

- More home fires occur during the months of December, January and February.
- If your home is on fire Dial 911 from a safe location.
- Plan and Practice your families EDITH – Exit Drill in the Home – Know your 2 ways out.



Heating Equipment

Heating equipment is involved in 1 in very 7 home fires and 1 in every 5 home fire deaths.

- Keep ash in a covered metal container, keep it 10 feet away from the home.
- Have a licensed and approved chimney sweep inspect your chimney prior to use.



3 Feet Safety Zone

- ALWAYS keep anything that can burn at least 3 feet from any heat source Keep combustibles away from heat sources: fire places, wood stoves, radiators and space heaters.
- NEVER use a space heater to dry clothing. This can lead to a fire.
- Keep space heaters at least 3 feet from furniture.



Portable Generators

- ALWAYS keep portable generators outside, away from windows and as far away as possible from the home.
- It is important to not keep them in the garage or carports. Carbon Monoxide CO can back up and enter the home.
- Carbon Monoxide CO is not visible, you cannot see it, smell it or taste it.



Smoke and CO Alarms

- Everyone should have working Smoke and CO alarms in the residence.
- We ask that you test them monthly and have the newer 10 year sealed units installed.
- Both Smoke and CO now feature a 10 year sealed battery option.
- Install a carbon monoxide detector in your home if you have any appliances that are not electric and that burn natural or liquefied petroleum gas, oil, wood, coal, or other fuels, or if you have a home with an attached garage or carport.



Kidney Dialysis & Emergency Preparedness

Tessa G. Livingston, RN, MSL Planner, Public Health Emergency Preparedness, Office of the Health Officer

Prince George's County Health Department

ATTENTO?

Dell



Dialysis & Emergencies

Emergencies can happen any where at any time, and can have a direct impact on you and your ability to receive dialysis.

Take steps to prepare before an emergency occurs.











Personal Preparedness



Personal preparedness is important for everyone.

- Create a plan.
- Pack a kit.
- Get involved.



Winter storms can disrupt transportation services and prevent access to dialysis services.

- Contact your provider to arrange treatment prior to a forecasted event.
- Secure assistance from family and neighbors to plow private sidewalks and driveways.

Preparing for Winter Storms

Additional Resources

Emergency Preparedness for Dialysis Patients, <u>https://www.davita.com/kidney-disease/overview/living-with-ckd/emergency-preparedness-for-people-with-kidney-disease/e/4930</u>

Centers for Disease Control and Prevention, https://emergency.cdc.gov/

Department of Homeland Security's Ready Program, https://www.ready.gov/







Sidewalk Snow and Ice Removal Inspection Program Summary

2022-2023

Department of Permitting, Inspections AND Enforcement

Program Requirements

- **Purpose**: The program implements the requirements of Section 23-150 of the County Road Ordinance regarding the timely removal of snow and ice from paved sidewalks.
- Applicability: The requirements apply to owners, tenants, and managers of commercial and residential properties with paved sidewalks adjacent to their properties which are accessible to the public and in close proximity to a public roadway.
- **Obligations:** Responsible parties must remove accumulated snow and/or ice of two inches or more from abutting sidewalks within 48 hours after snow has fallen or ice has accumulated as a result of inclement weather or runoff from abutting surfaces.

Focus Areas

- Adjacent to <u>commercial establishments</u> and <u>apartment complexes</u> – These facilities are the main focus of the program.
- Along roadways within <u>1.5 miles of a</u> <u>school</u>
- Along <u>State roads</u>
- Along <u>County primary roads</u>
- Abutting major <u>public gathering places</u>, such as churches, assembly halls, etc.
- Complaints reported to PGC311
- <u>Residential communities</u> In response to PGC311 complaints, reminder notices/door hangers will be placed on all homes along both sides of the block where violations are reported.

Sequence of Events

Snow/ice event triggering criteria – The program begins after two or more inches of snow and/or ice have accumulated.

24 hours after end of a major snow event – DPIE inspection teams observe assigned areas, issue reminder notices/door hangers and document results for the day.

48 hours after end of major snow event – DPIE inspection teams revisit assigned areas, issue violation notices/\$100 citations where appropriate and document the results for the day.

Note: This process repeats every day until there are less than two inches of snow and/or ice on sidewalks.

Thank you!

For more information, contact Daniel Dornan, Special Assistant to the DPIE Director, at <u>dldornan@co.pg.md.us</u>



WELCOME

Euniesha Davis, Director Office of Community Relations

The Office of Community Relations ensures that County residents connect with government resources, agencies, and personnel. Our responsibility is to serve as a bridge between the government and its people.



You Now Have Options

PGC311 Mobile App and Web Portal

The new PGC311 mobile app and web portal, <u>www.PGC311.com</u>, are as easy and helpful as a call to the 311 Call Center and are available 24 hours a day 7 days a week!

PGC311 Call Center

- The PGC311 Call Center is ready to assist during normal business hours.
 - Dial 3-1-1 or 301-883-4748
 - Monday through Friday,
 - 7 AM to 7 PM

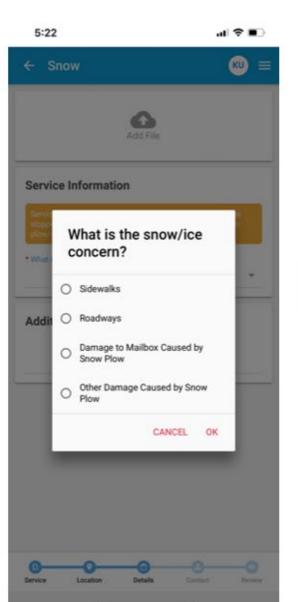


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PGC	PGC3	11 Арр	
	1	Request Report an issue to the county	
	6	Recent Recent service requests submitted the county	to
	•	My Requests Service requests submitted by you	
		Knowledge View knowledge articles	

Step 1: Click the Request tile to select your Snow Concern Option

Step 2: Select the option that reflects your snow concern Sidewalks Roadways Damage to Mailbox Other Damage.....







pgc311.force.com

CONTENT

Snow and Ice Control

1. When will my street be plowed?

Snow emergency routes and primary roads are treated first, followed by secondary streets and finally residential streets including deadends and cul-de-sacs.

2. My driveway is blocked with plowed snow, what do I do?

the for clearing the snow from

Snow-Related FAQs & Knowledge Base Articles Available for your Information





- We want your feedback!
- Share your experience with using PGC311.
- You too can be a part of continuous improvement.

Complete the customer and agency services SURVEY today!





Very Important!

Please Wait 48 hours until snowfall ends before submitting a request for snow removal services.



Thank You!

Jennifer Hawkins 311onthego@co.pg.md.us 301-952-4729







SNOW SUMMIT



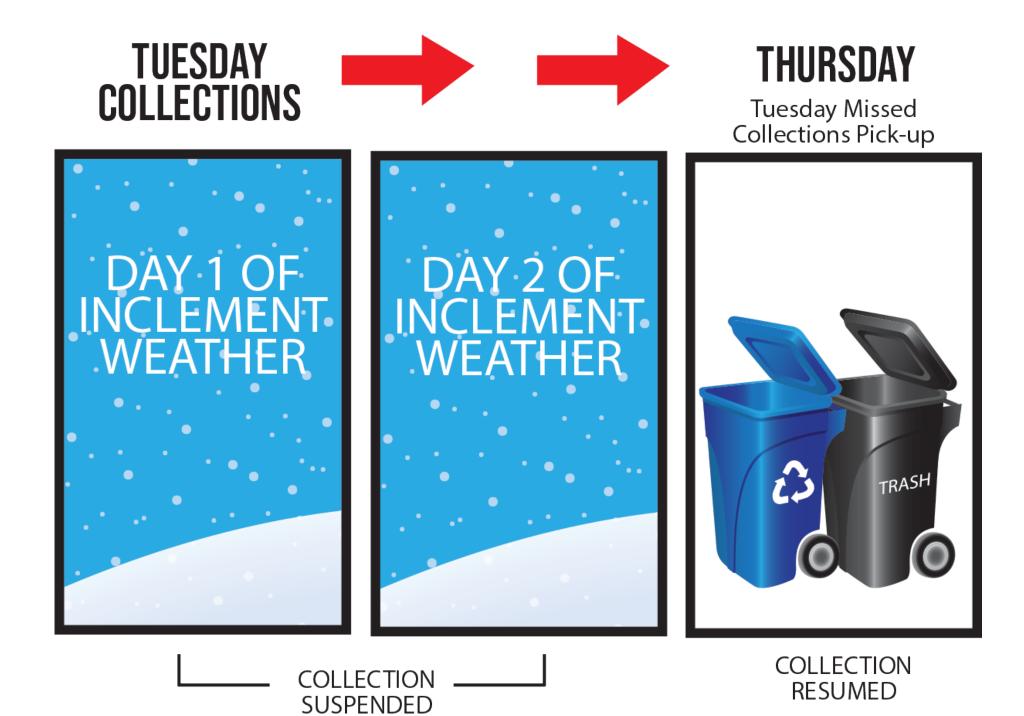
RESUMED

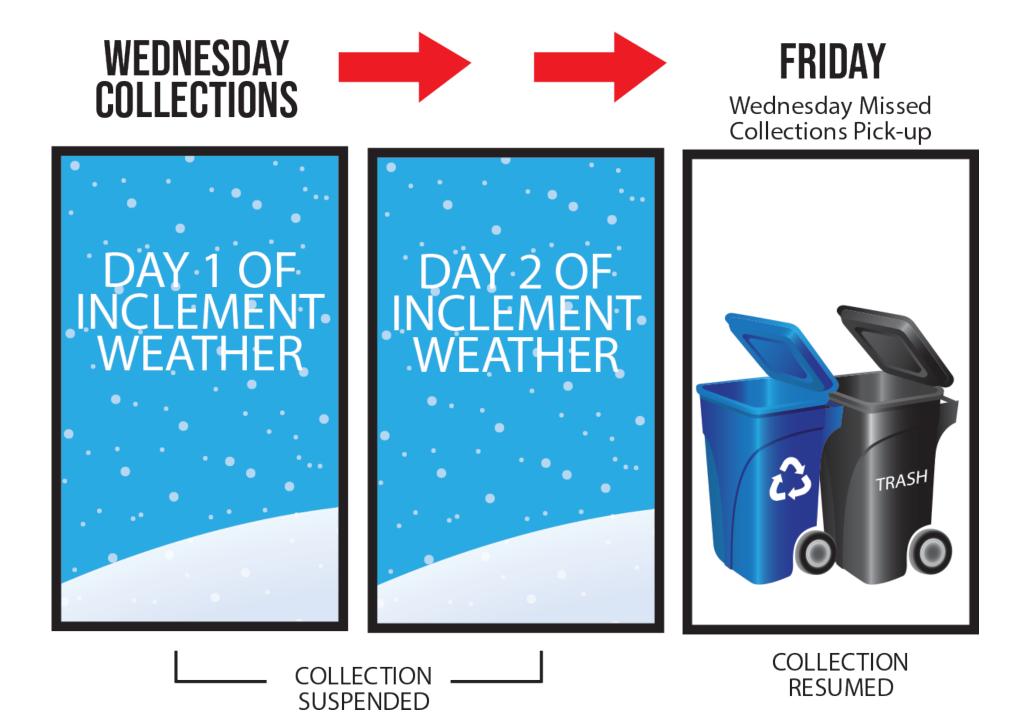
COLLECTION SUSPENDED In the event of severe weather conditions, residents should be aware that all scheduled bulky trash (appointment only), once-a-week trash, bulky and recycling, and yard trim/ compost collections can be delayed or suspended due to road or weather-related conditions.

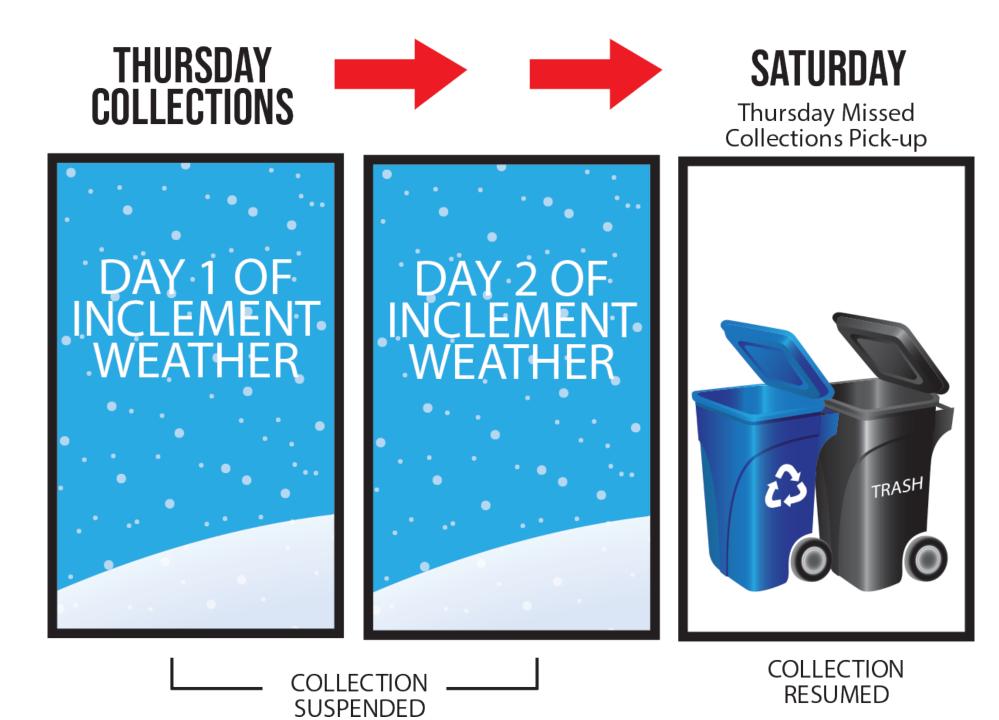
In the case of strong winds and rainy weather conditions, please secure your collection container lids and bins.

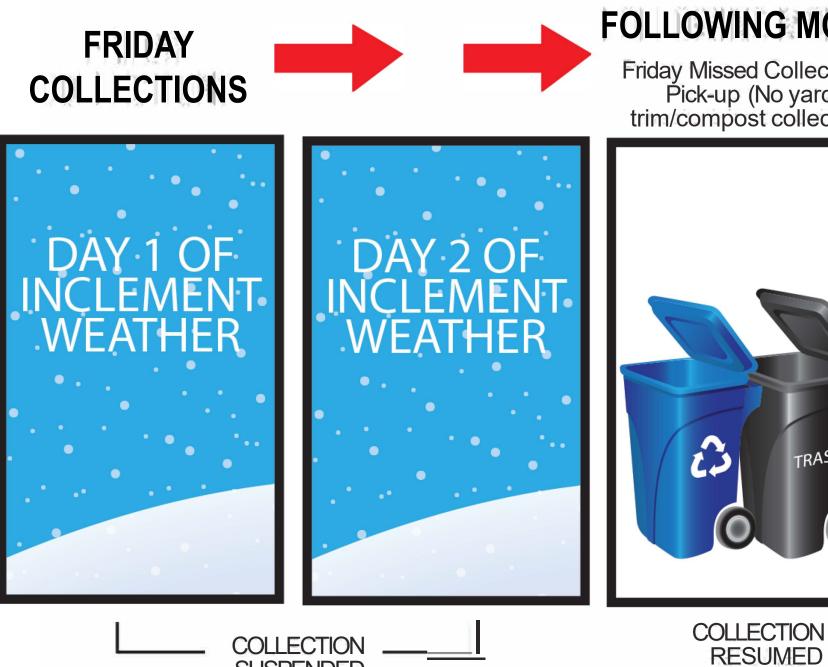
The County will make every effort to post any information regarding delayed or suspended collections on the County's website at **mypgc.us** or DoE's website at **environment.mypgc.us. or you may contact PGC311.**

If a **regular Friday collection** is suspended, that collection will occur on Saturday or Monday depending on weather conditions.









SUSPENDED

FOLLOWING MONDAY

TRASH

 \bigcirc

Friday Missed Collections Pick-up (No yard trim/compost collection





MONDAY

YARD TRIM

COLLECTION SUSPENDED



THE NEXT

COLLECTION RESUMED

YARD TRIM

Monday yard trim/compost collections suspended due to severe weather will be collected the following Monday.

• BULKY TRASH

Bulky trash collections suspended due to severe weather will be collected within seven (7) days.

- Residents will be contacted with a new collection date within that time frame.
- Remember that all collections can occur anytime from 6 a.m. to 8 p.m.





Other Waste Collection Facilities and Services that could be impacted by severe weather include:

- Brown Station Road Sanitary Landfill
- Brown Station Road Residential Convenience Center
- Electronics Recycling Acceptance Site & Household Hazardous Acceptance Site
- Missouri Avenue Solid Waste Residential Acceptance and
- Recycling Center in Brandywine
- Prince George's County Organics Composting Facility
- Scrap Tire and Appliance Disposal Sites
- As a reminder, residents should remember to check the County's and DoE's website for up-to-date waste collection services during bad weather.
- Contact PGC311 for additional information.
- Visit <u>bit.ly/pgccollectionweatherpolicy</u> for waste collection tips to help you get through the winter months.







Director

FOCUS ON SAFETY Winter Driving Tips https://www.nhtsa.gov/sites/nhtsa.dot.gov/files/documents/winter-driving-tips.pdf

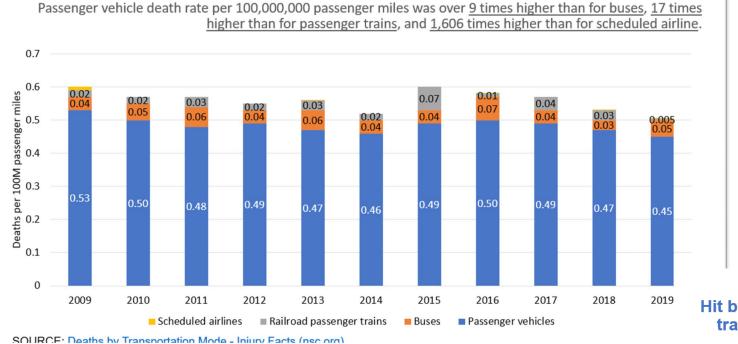
When the chilly temperatures of winter set in, will your vehicle be ready for the cold?

If you live in a part of the country that gets snow and ice, are you prepared to drive in those conditions? Planning and preventative maintenance are important year-round—but especially when it comes to winter driving.

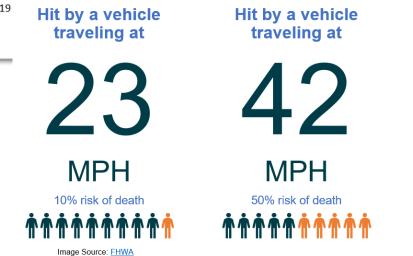
Snow Summit November 30, 2022

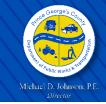






A small change in speed makes a big difference in survivability





Hit by a vehicle

traveling at

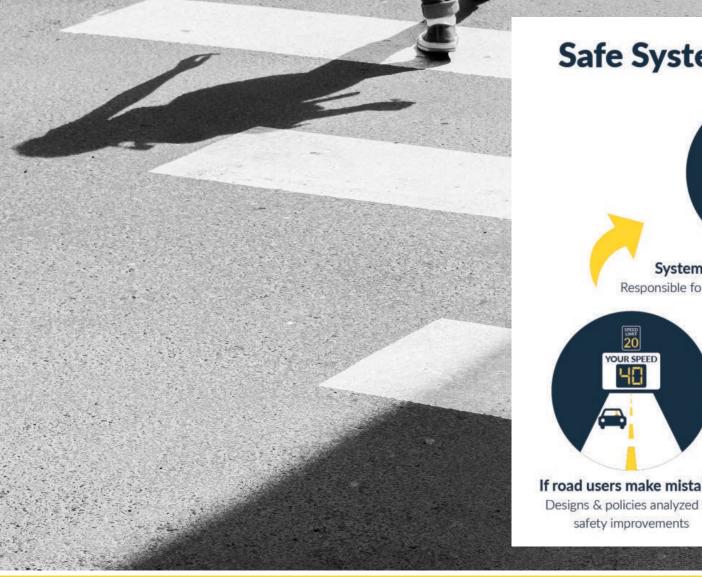
MPH

90% risk of death



The Solution: Vision Zero





Safe Systems = Safe Mobility



Responsible for prioritizing safety in designs, policies



If road users make mistakes Designs & policies analyzed for



Individual Road Users Responsible for following rules





Goal to Eliminate traffic related serious injuries and deaths by 2040





Vision Zero is a proven approach to preventing roadway-related deaths and severe injuries. It represents a fundamental change in how we plan and design our roads, shifting from a focus on maximizing motor vehicle efficiency to ensuring that our roads are safe regardless of whether travel is by car, bus, bicycle or foot.

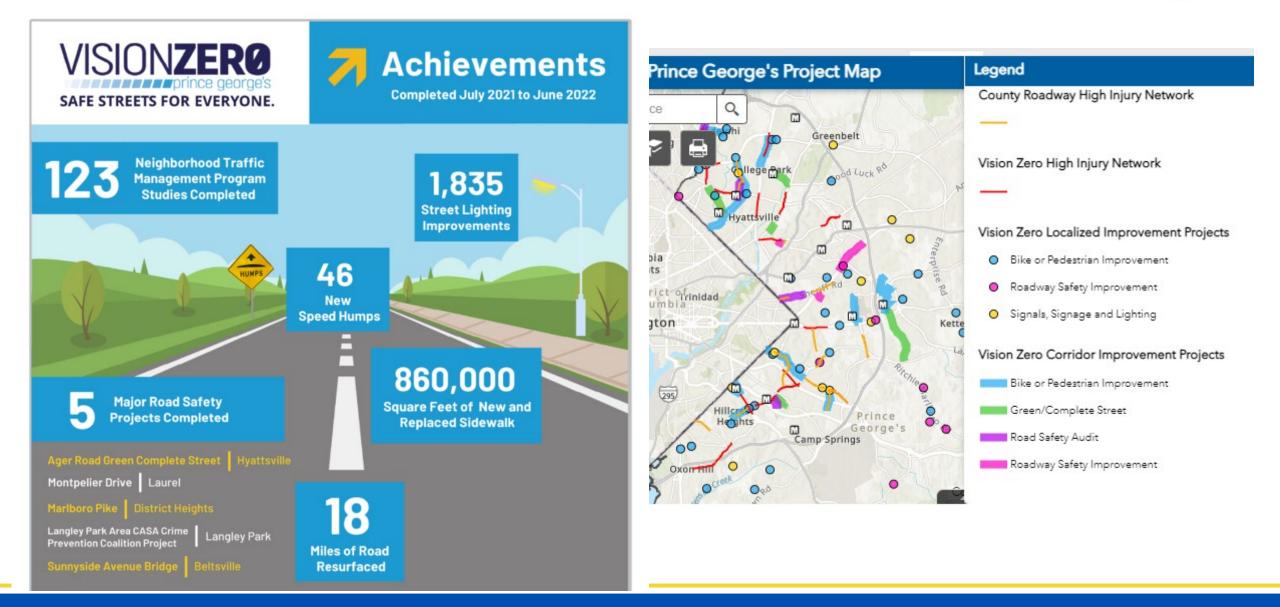
Vision Zero recognizes that people will sometimes make mistakes and that our roads should be designed to ensure those inevitable mistakes do not result in severe injuries or deaths

www.VisionZeroPrinceGeorges.com



Data Driven Engineering Projects







Multigenerational Approach





Families enjoyed the Vision Zero traffic garden at the 2022 Green Summit hosted by the Prince George's County Department of the Environment. Children practiced navigating streets and intersections in a safe space. #princegeorgesproud #visionzeroprincegeorges



World Day of Remembrance for Road Traffic Victims

November 20, 2022

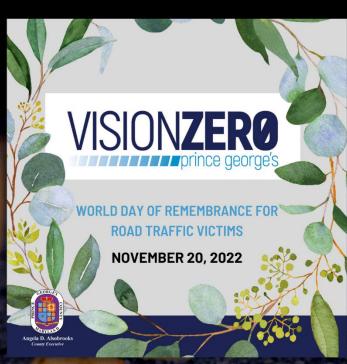
Please visit the Street Smart "Lives Shatter on Impact" Testimonial Display

> WHEN November 20, 2022

WHERE

The Mall at Prince George's 3500 East-West Highway Hyattsville, MD 20782

We can all play a part in making our roads safe for everyone. **Take the Vision Zero Safety Pledge** and learn more about Vision Zero Prince George's.













DPW&T VIRTUAL SNOW SUMMIT PRESENTATION

Wednesday, November 30th, 2022





MAINTENANCE SHOP WINTER OPERATIONS

- **HEAVY SNOW PHASE** Shops provide full coverage. 6 team leaders per shop and their entire team of state employees and contractors work 24 hours during heavy snow fall.
- District 3 Upper Marlboro Shop
- Approximately 145 vehicle units including 1 brine truck, triaxle dump trucks, and a one-ton pickup with v box
- spreaders. 4 Salt Facilities: Marlboro Shop Salt Dome, Jones Point Salt Barn, Priest Bridge Salt Barn,
- TB Salt Barn.
- District 3 Laurel Shop
- Approximately 179 vehicle units including 4 brine trucks, tri-axle dump trucks, and pickups with v box
- spreaders. 4 Salt Facilities: Laurel Shop Salt Dome, Greenbelt Salt Barn, Metro Salt Barn and Tuxedo Salt Barn.







MAINTENANCE SHOP WINTER OPERATIONS

S.T.O.R.M. -- Statewide Transportation Operations
 Response Map – Snowplow Tracker Realtime Application

This web-based tool keeps citizens informed about real time snow removal efforts. Citizens can input their address and see where snow trucks and plows are from there.

Location Data is Derived from data transmitted over cellular networks. Not all pieces of equipment are equipped with local transmitters.

Winter Response Vehicles that appear on **S.T.O.R.M.** to be clustered at a single location are most likely being loaded, serviced, or are changing drivers

D3 IS S.T.O.R.M. Ready!







MAINTENANCE SHOP WINTER OPERATIONS

IMPORTANT SNOW SAFETY MESSAGES

We advise drivers not to pass snowplows or plow trains.

The unplowed roads are ahead of the plows and the treated roads are behind them- this is the safest place to be.

 We also ask motorists to clear snow completely off vehicles before driving.

A clean vehicle provides increased visibility. Packed snow on car tops become dangerous projectiles following a storm.









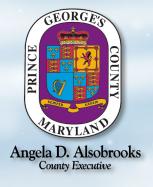
Thank you.

CONTACT

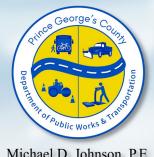
Winstina Hughes Community and Government Customer Relations Manager Prince George's County <u>WHughes@mdot.maryland.gov</u> Submit a Snow Service Request through CCMS <u>New Service Request (force.com)</u>

Statewide Transportation Operations Response Map MDOT SHA S.T.O.R.M Application









Michael D. Johnson, P.E. Director

Snow and Ice Control 2022-2023 Snow Season Readiness

Presented by William B. Boyd Associate Director, Office of Highway Maintenance



Snow Fighting Equipment





Contractor Trucks for the 2022-2023 Season: 160 County Fleet: 135 Park and Planning 10 Wheel Dump Trucks: 7 Total: 302



Personnel



DPW&T Participation Snowplow Operators: 155

Snow District Staffing: 65 Management and Administration: 32 Route Inspectors: 33

Equipment Maintenance: 11

Logistics: 18 Command Staff: 20 Vendor Inspection and Oversight: 18

Total: 287



Sister Agency Participation

Landfill (DoE) Snowplow Operators: 15

M-NCPPC, Parks and Recreation: 50

Snowplow Operators: 36

Route Inspectors: 6

or DPIE and OCS assistance

Management and Administration: 8



Snow Plan One Plan – Five Operations







Who Reports







Accomplishing the Work



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2

5

3

♦Snow District 1

◆Glenn Dale Maintenance Shop7317 Northern Avenue, Glenn Dale

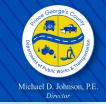
Snow Districts 2, 3 and 5
 D'Arcy Road Maintenance Facility
 8400 D'Arcy Road, Forestville

✤Snow District 4

Brandywine Maintenance Shop
12911 Cherry Tree Crossing Road, Brandywine



Service Priority



- 1. Pretreat primary and collector roads prior to snow event
- 2. Plow and treat primary and collector roads during snowfall
- 3. Move to plow and treat residential roadways after snowfall ends
- 4. Cul-de-sacs and dead-end roadways
- 5. Clear all roadways to "Complete" condition

Work in 12 hours shifts / 24 hours a day





Communicating Road Conditions

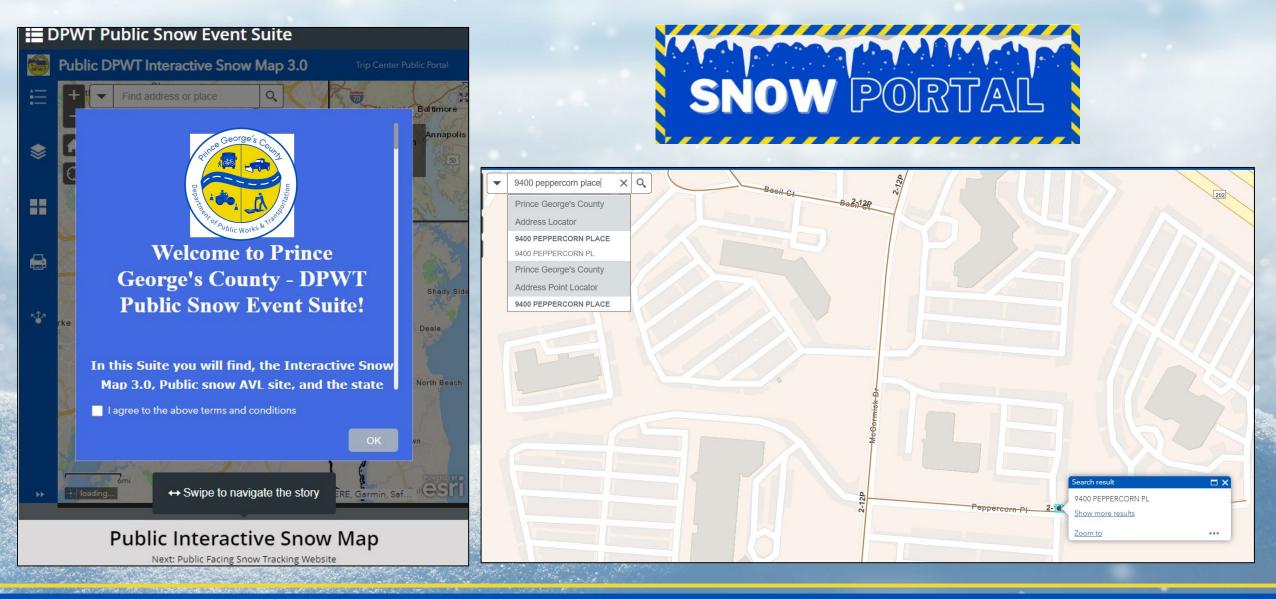


- 1. Snow Districts report road conditions to the Command Center twice per operational period. Information is collected from drivers and inspectors.
- 2. Automatic Vehicle Locator (AVL) staff track and report the status of individual trucks and overall progress of operations.
- 3. Command Staff move resources or, if applicable, call-in additional snow resources.
- 4. Public Information Officers use social media and DPW&T website to keep the public informed of progress and instructions.



Identify Snow Route Map and Area of Property







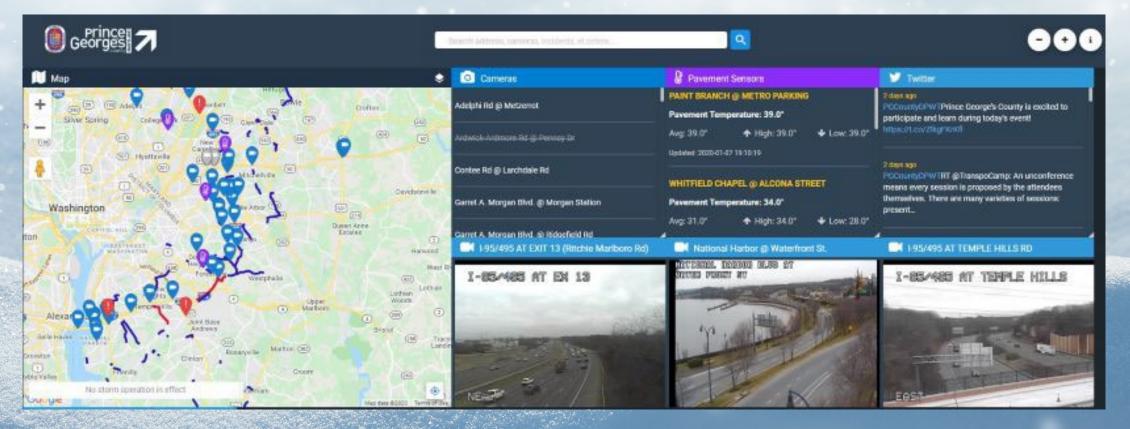




View County and State Highway Administration live traffic cameras

View current pavement temperatures

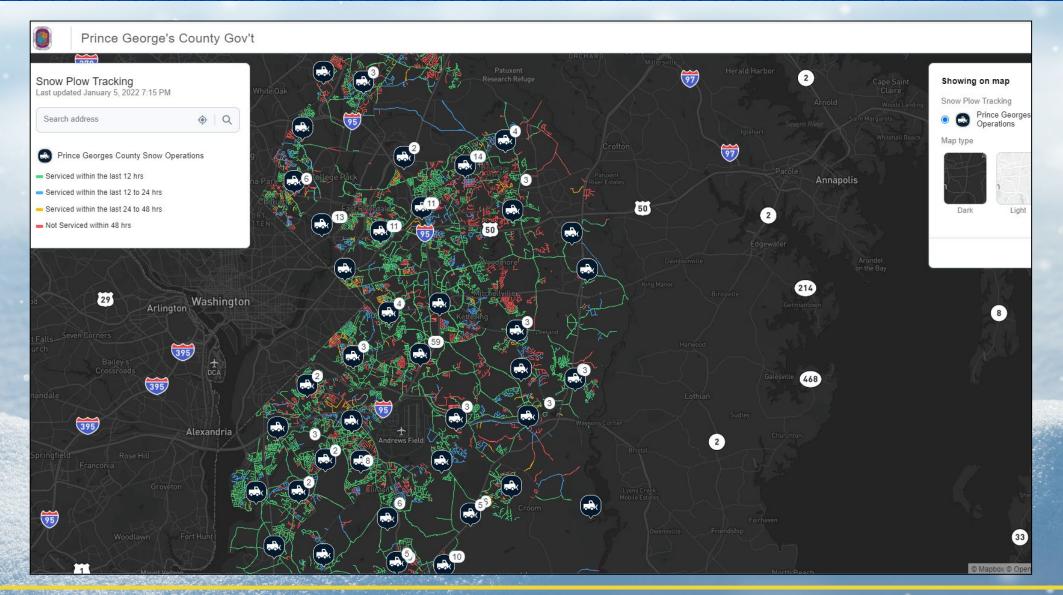
Visit the DPW&T Twitter page





Prince George's County Snowplow Tracker











Follow us @PGCountyDPWT to stay up to date!









