



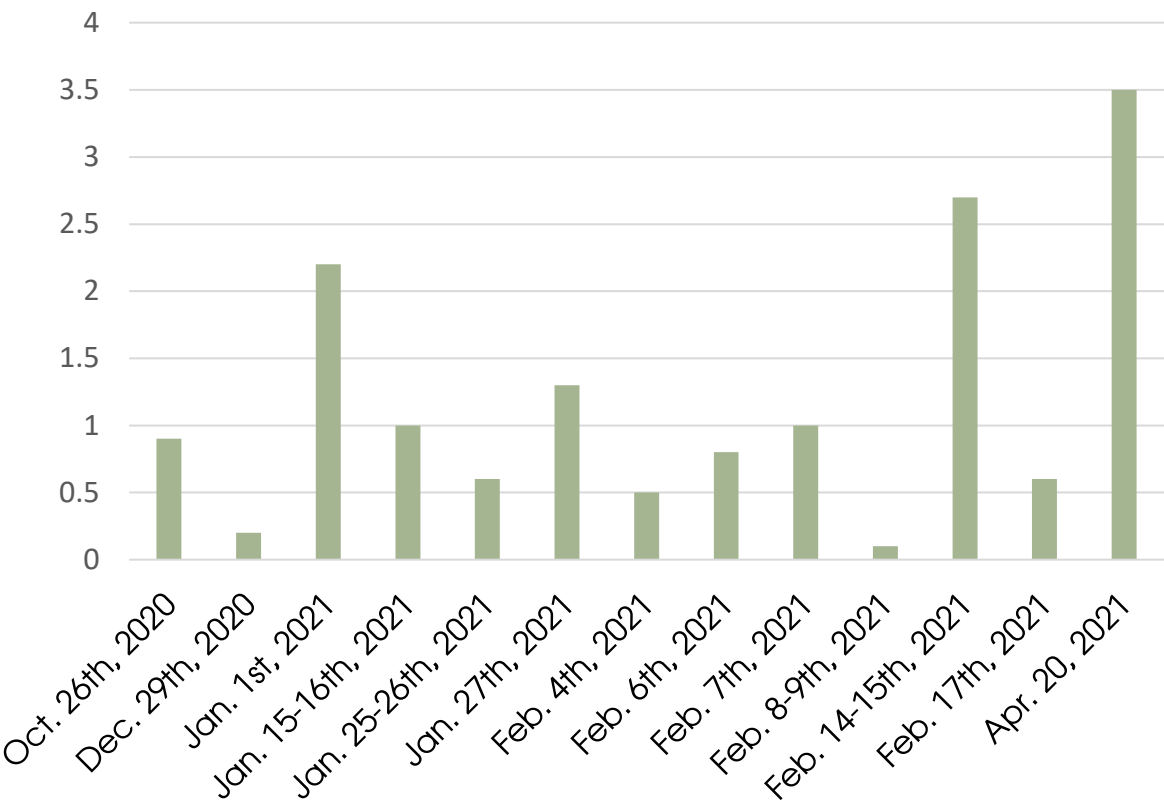
Say it ain't snow...

2022-2023 Snow Season
Presentation

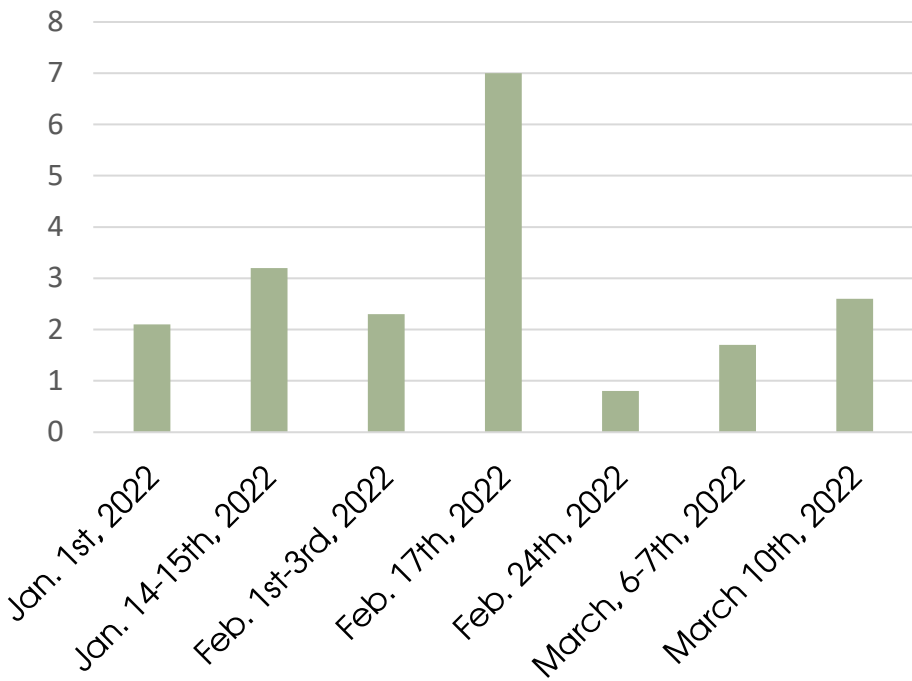
Dan Merkh
Public Works Director

Winter History

Total Accumulation Per-Event 2020-21



Total Accumulation Per-Event
2021-22



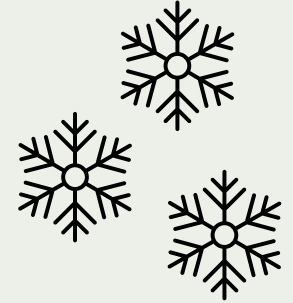


When do we begin snow and ice control operations?

- Crews work 12-hour shifts
- Treatment methods determined by the forecast
- Public Works Director makes the call to begin operations
- We monitor road conditions using:
 - Weather or Not
 - Pavement temperature sensors; and
 - Visual inspection by Public Works

Types of Response

Forecast Dependent



Proactive

- Pretreatment based on forecast
- Staff activation in advance of snowfall

Reactive

- Staff activation based on conditions

Snow Event Declaration

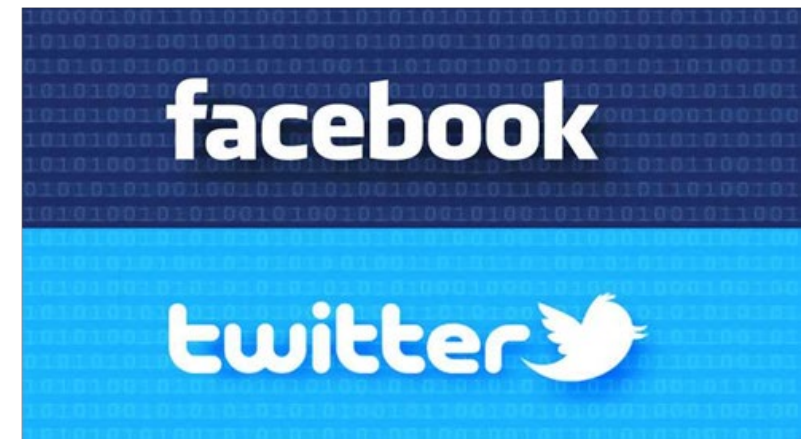
- Once two or more inches of snow has fallen, we can declare a “snow event”
- Municipal Code (Ch. 13, Art. 4, Sec. 406) requires all vehicles parked on City streets to be moved within two hours of a snow event declaration
 - The owners are responsible for any tow fees



Notifications

- Direct alerts through Notify JoCo and posted on edgertonks.org
- Social media posts when vehicles must be removed from the street
- Sheriff's Office tows vehicles that are not moved

Notify JoCo.org



How We Manage Snow & Ice

Vehicles

- Four 1-ton Trucks
- One F-250
- One single-axle dump truck
- One tandem axle dump truck

Chemicals

- Salt
- Brine





What treatments do we use for snow and ice?

- Enhanced salt
 - Melts ice faster than other deicers
- Brine (calcium chloride)
 - Used for pre-treatment
 - Slows down the freezing by creating a barrier between the pavement and precipitation




The Crew

Plowing Procedure

- Roads are divided into three priorities
 - **Priority 1:** Major thoroughfares with higher traffic counts
 - **Priority 2:** Neighborhood roads
 - **Priority 3:** Cul-de-sacs, dead ends and alleys
- Plows are not diverted from their routes, except in cases of fire or police emergencies

2022 - 2023 Winter Operations

Legend

 Priority #1

Edgerton

Google Earth

1 mi

N



2022 - 2023 Winter Operations

Legend

- Priority #2
- Priority #3



Google Earth

1 mi

2022 - 2023 Winter Operations

Legend

- Priority #2
- Priority #3

Edgerton

Google Earth

5000 ft



2022 - 2023 Winter Operations

Legend

Priority #1




Google Earth

1 mi

2022 - 2023 Winter Operations

Legend

 Priority #2


Google Earth

1 mi



2022 - 2023 Winter Operations

Legend

 Priority #3

Google Earth

1 mi





City-cleared sidewalks and trails

Once the roads are cleared curb-to-curb...

- Any parking lots and sidewalks adjacent to city facilities are cleared by Public Works or other City employees
- City crews plow trails

Clearing Sidewalks and Private Drives

- Residents are responsible for clearing sidewalks in front of their homes within 48 hours of the end of the winter weather event
- The City does not clear sidewalks, private driveways or parking lots
- Notification: City will declare the “end of snow event” to start the clock for residents to clear sidewalks



What's to come?

We aren't meteorologists, but here's what the Farmer's Almanac is saying...

