



2025/2026

# Winter Season Preparedness Update

Regular Meeting of Council

November 3<sup>rd</sup>, 2025

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*Emergency Program Manager*

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*Manager of Drainage & Natural Hazards*





# Presentation Outline

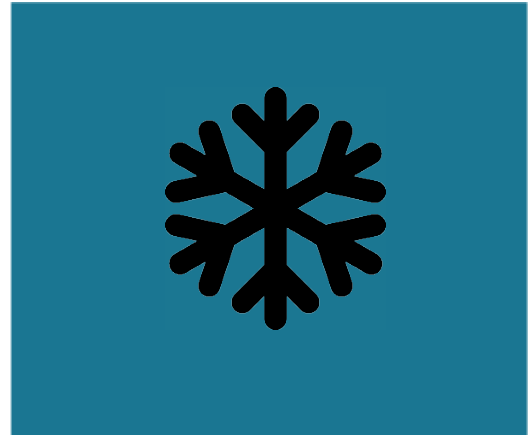
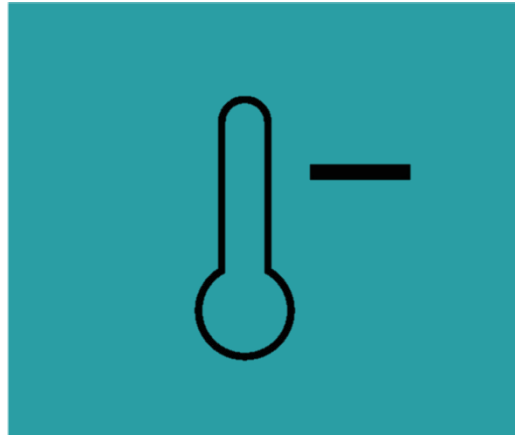
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- WEATHER FORECAST
- SNOW & ICE OVERVIEW
- KING TIDES & STORM SURGES
- PREPAREDNESS

# WEATHER FORECAST



This season's weather forecast is indicating that our region will experience more precipitation and colder winter temperatures than last season.



# SNOW & ICE - OVERVIEW



- ▶ Snow & ice driver training completed
- ▶ Night shift driver scheduled December 1 to March 15
- ▶ Priority response system in place again this year
- ▶ New brining system operational at North Delta Worksyard
- ▶ 107,000 litres of brine available
- ▶ 2,900 metric tonnes of salt stockpiled



# SNOW & ICE - OVERVIEW



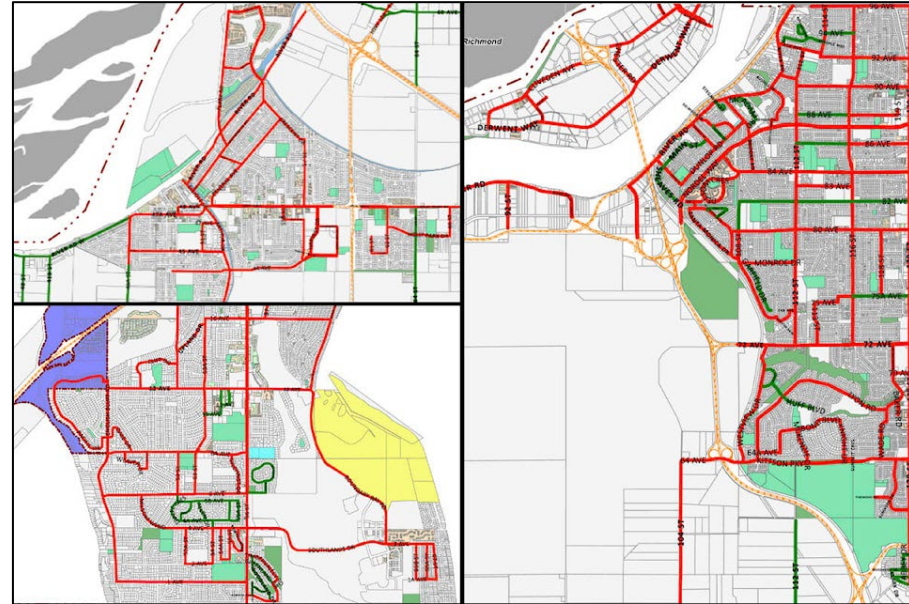
## Priority Levels For Snow Clearing

### Priorities 1-3 (significant roadways)

- Works would be undertaken on a 24/7 basis until road conditions are acceptable

### Priorities 4-6 (lower priority local roads)

- Works would be undertaken during normal business hours





# STORM SURGE OVERVIEW

## WINTER KING TIDES & STORM SURGES

- King Tides typically occur in winter (highest tides of the year)
- Storm surges occur due to the winds and pressures created by storms
- Coinciding high tides and storm surges create a flood risk from Delta's coastal fronts
- Historically has impacted Boundary Bay Village and Beach Grove

### KING TIDES FOR WINTER 2025/26

NOVEMBER 2025						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

DECEMBER 2025						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JANUARY 2026						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FEBRUARY 2026						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

15.4 - 15.9 ft  4.7 - 4.8 m

16.0 - 16.4+ ft  4.9 - 5.0+ m

# SEASONAL PREPAREDNESS



## SEVERE WINTER WEATHER & STORM PREPAREDNESS



## City and Community Preparedness

- Multi-departmental Preparedness meeting
- Monitoring Daily Forecasts
- EOC Operational Readiness

# SEASONAL PREPAREDNESS



## SEVERE WINTER WEATHER & STORM PREPAREDNESS



### King Tide and Storm Surge

- King Tide information mailed out locally
- Sand & Sandbags stockpile in place
- Beach access points for temporary flood protection in place this week

### Snow and Ice

- First Responder Engineering Staff communications
- Delta Winter Road Conditions Comms
- Delta Snow Angels Program

# Questions?



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