



Board Update: January 17, 2022 Snowstorm

February 10, 2022

A “Remarkable” Snowstorm

 Toronto Sun

SNOWMAGEDDON: City declares 'major snowstorm condition'

 CityNews Toronto

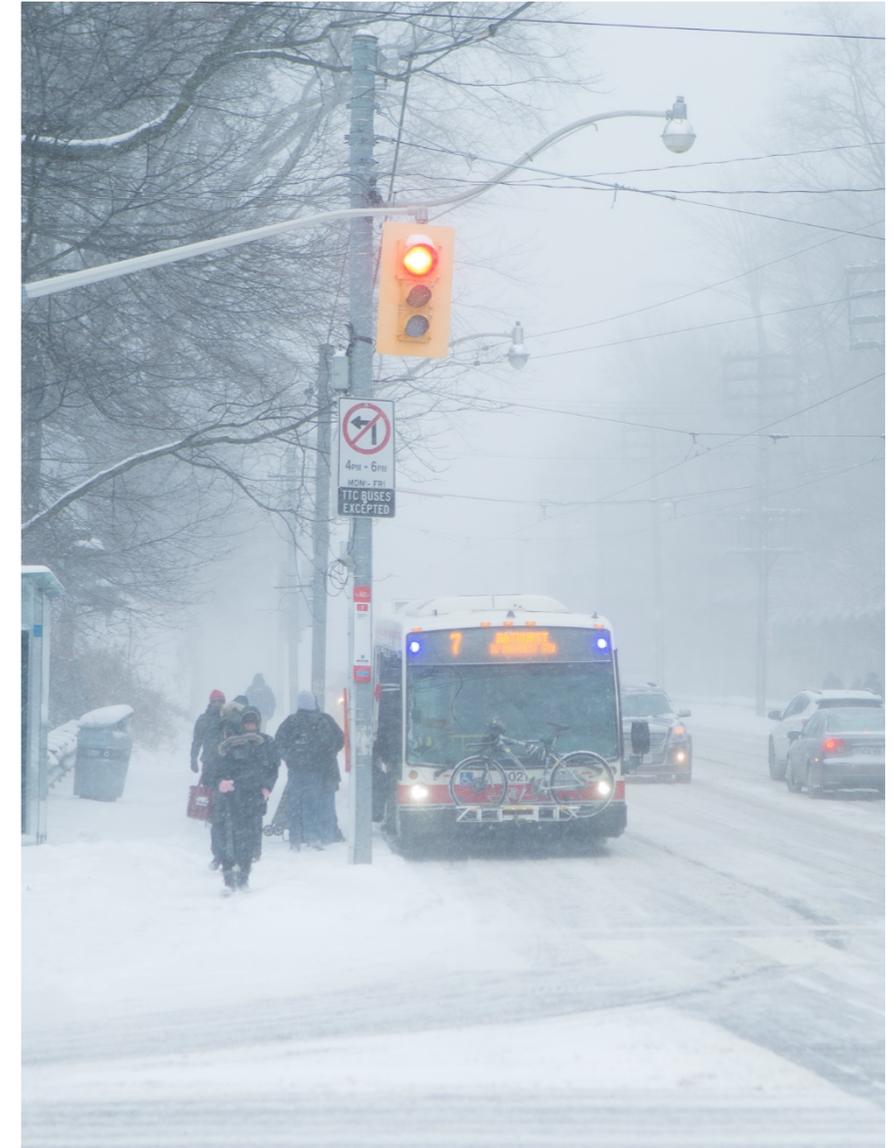
Schools stay closed Tuesday, return to class pushed back by storm

 CBC

'Just trying to remain calm': Some stuck on Highway 401 in Toronto for more than 8 hours as storm wallops city

 CityNews Toronto

'Extreme weather': Police shut down Gardiner, DVP amid winter storm



Impact of Snowstorm on the TTC

- Virtually every route in the network was impacted with diversions on almost all bus and streetcar routes
- Open cut sections of the subway covered in snow
- More than double the number of calls to Transit Control, which had increased staffing, and a 700% increase in calls through the Vision System
- Already managing the impact of the Omicron variant including increased absenteeism



TTC's Severe Weather Plan

Plan goal: Execute a comprehensive and effective response to all aspects of winter operations

- Coordinated by the Operations Groups, Vehicles Group, and Infrastructure and Engineering Group
- Significant resource monitoring, maintenance and replenishment occurring year-round
- Actions taken leading up to a potential severe weather event



TTC's Severe Weather Plan – Annual Overview

● April

Recovery

- Inventory and store equipment and supplies
- Review contracts and agreements

● May to August

- Update Severe Weather Plans
- Train personnel
- Equipment inspected and maintained

● June to September

Preparedness

- Order supplies and equipment
- Ensure resources are in place

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TTC's Severe Weather Plan – Annual Overview

● October to November

Anticipation

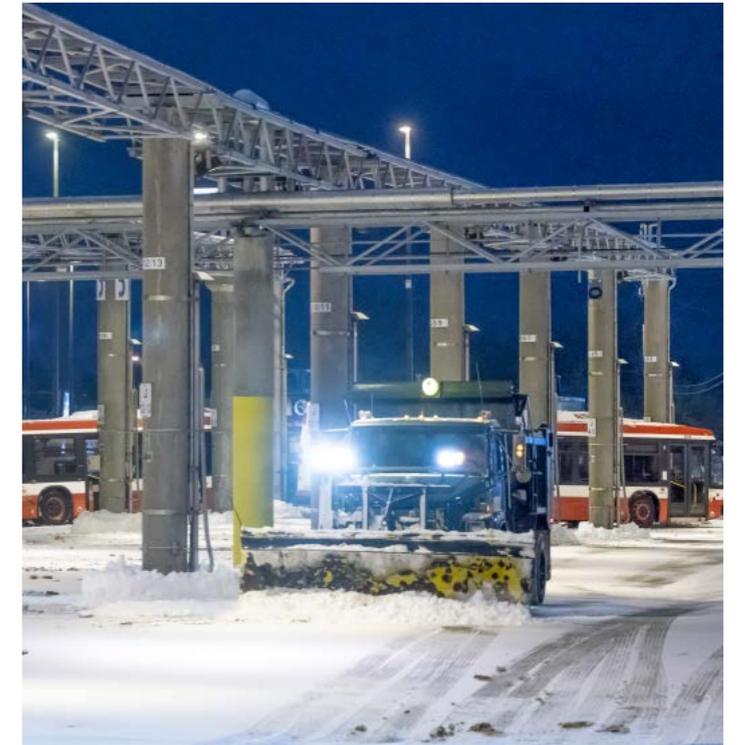
- Test, repair and maintain snow fighting infrastructure and equipment
- Landscaping and grounds maintenance
- Equipment inspected and maintained
- Snow fences installed



● December to March

Winter Response

- Deliver and distribute equipment and supplies
- Update contact information
- Monitor forecast
- Implement Severe Weather Plan



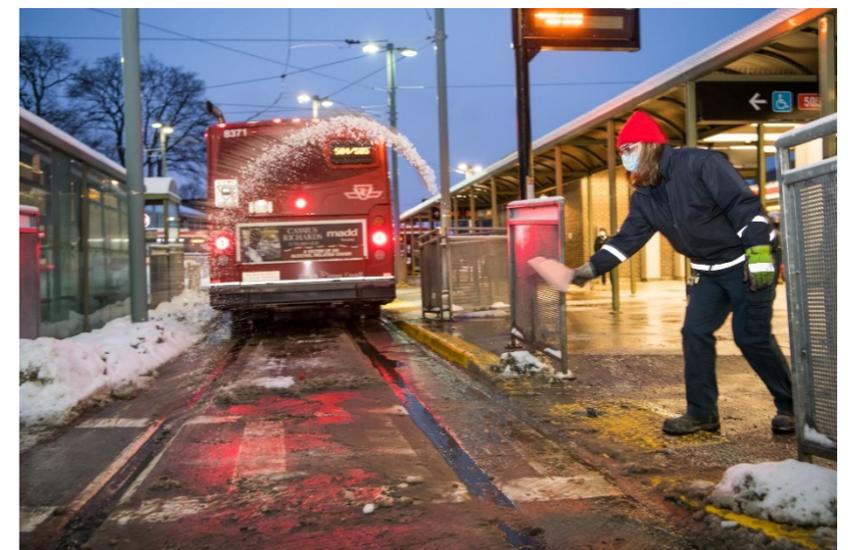
TTC's Severe Weather Plan – 72 Hours Before a Storm

72 to 24 Hours Before

- Monitoring weather forecast
- Email communicates expectations to employees
- Canvass for extra personnel and assign crews
- Take stock of resources and communicate availability

24 to 3 Hours Before

- Multiple internal and external conference calls
- Identify effected routes
- Departments determine contingencies and advise Transit Control of plans
- Pre-emptive measures like anti-icing
- Prepare vehicles and equipment



Severe Weather Plan – Next Steps

- A comprehensive audit is underway. This will include looking at new technologies that could assist with extreme weather situations
- Key lessons learned will be reviewed at the April Board meeting
- Working with the Innovation and Sustainability team to look into the effects of climate change on the region.



Thank You to TTC Employees

