Reportable* Snow Events

The reportable winter storm weather season from November 15, 2020 through November 14, 2021 had three reportable* snow events on the following dates:

- 12/16/2020 12/17/2020: 10.10" of recorded snow at the highest point
- 01/31/2021 02/02/2021: 17.25" of reported snow at the highest point
- 02/07/2021: 6.5" at the highest point

Agency Coordination

The following agencies were involved in the snow response during at least one of the snow events: DOE, NYCEM, DEP, FDNY, OCME, Parks, DSNY, NYPD, DOT, NYS DHSES, NYCHA, MTA, PANYNJ.

After each activation, New York City Emergency Management coordinates with internal and external partners to identify best practices, lessons learned, and areas of improvement for future responses.

Snow-Related Emergency Warnings or Declarations

• 01/31/2021 – 02/02/2021: Mayoral Executive Order declaring an emergency issued on 02/01/2021 at 6:00 a.m. Order expired on 02/02/2021 at 6:00 a.m.

Agency/Partner Performance

Agency	12/16/2020 - 12/17/2020	01/31/2021 - 02/02/2021	02/07/2021
NYCEM	Emergency Operations Center (EOC) activated on 12/16/2020 Tow Truck Task Force (TTTF) activated 12/16/2020 Downed Tree Task Force (DTTF) activated 12/17/2020 Hazardous Travel Advisory issued; Commissioner attended Mayor's press conference; media availability held 38 Notify NYC messages issued Elected official calls held 12/15/2021 and 12/16/2021	 EOC activated 02/01/2021 TTTF activated 01/31/2021 DTTF placed on alert Commissioner appeared at the Mayor's press conference on 01/31/2021, 2/1/2021, and 02/02/2021 Media availability with DSNY Hazardous Travel Advisory issued 61 Notify NYC messages issued Elected official calls held 01/31/2021, 02/01/2021, and 02/02/2021 	 EOC activated 02/07/2021 TTTF placed on standby Hazardous Travel Advisory issued; Commissioner appeared at the Mayor's press conference on 02/06/2021 Five (5) Notify NYC messages issued Elected official conference call held on 02/07/2021
DSNY	 Brine pre-treat activated NYPD escort activated 12/16/2020, 12/17/2020 	 Brine pre-treat activated NYPD escort activated 02/01/2021 and 02/02/2021 	 Brine pre-treat activated NYPD escort activated 02/07/2021

^{*} As defined in Local Law 26 of 2011, "reportable" is any snowfall equal to or in excess of six inches within a period of 24 hours in any of the five boroughs based on the Department of Sanitation's measurements.

	Other City agencies (OCAs)	Other City agencies (OCAs)	Other City agencies (OCAs)
	 Other City agencies (OCAs) activated 12/16/2020 1900 HRS to 12/18/2020 1900 HRS Trash and recycling collection	 Other City agencies (OCAs) activated 02/01/2021 0700 HRS through 02/07/2021 0700 HRS 2/1/2021 700 DOT, DPR 2/1/2021 1900 DOT, DPR 2/2/2021 1900 DOT, DPR 2/2/2021 1900 DOT, DPR 2/3/2021 700 DOT, DPR 2/3/2021 1900 DOT DOT 2/4/2021 1900 DOT 2/4/2021 1900 DOT 2/4/2021 1900 DOT 2/5/2021 1900 DOT 2/5/2021 1900 DOT 2/5/2021 1900 DOT 2/6/2021 1900 DOT 2/6/2021 1900 DOT 2/6/2021 1900 DOT 2/6/2021 1900 DOT ELONLY Trash and recycling collection services suspended Tow contract activated 02/02/2021 1200 HRS Hired equipment contracts activated 02/03/2021 1200 HRS Hired equipment contracts activated 02/07/2021 0800 HRS through 02/07/2021 0800 HRS Bus contract activated 02/02/2021 through 02/06/2021 (0800-1500 HRS) Snow laborers hired 02/02/2021-02/07/2021 (MTA assisted in transport for the entire event) 	 Other City agencies (OCAs) activated 02/07/2021 0700 HRS through 02/08/2021 1900 HRS Trash and recycling collection 2/7/2021 700 DOT, DPR 2/7/2021 1900 DOT, DPR 2/8/2021 700 DOT, DPR services suspended Tow contract activated 02/07/2021 0300 HRS through 02/07/2021 1200 HRS Hired equipment contracts activated 02/08/2021 0700 HRS through 1900 HRS Bus contract activated 02/07/2021 through 02/13/2021 (0800 HRS to 1500 HRS) Snow laborers activated 02/07/2021 through 02/13/2021 (MTA assisted in transport 02/07/2021 and 02/08/2021)
DOE	 Transitioned to remote learning 12/16/2020 Activated and staged plow assets prior to storm Reopened schools 12/17/2020 	 Transitioned schools to remote learning 02/01/2021-02/03/2021 Activated and staged plow assets prior to storm Re-opened meal hubs 02/04/2021 Re-opened schools 02/04/2021 	 Activated and staged plow assets prior to storm School buildings remained open
NYPD	 Inspected for and cleared (when necessary) hydrants covered in snow Thawed frozen hydrants Staffed additional ambulance tours where possible and indicated Participated in Winter Weather Steering Committee briefings Monitored weather Participated in DTTF when activated Activated high axle vehicles if/when necessary Activated additional chiefs in selected positions when indicated Activated rapid response vehicles if/when necessary Monitored winter weather-related 911 calls 	Inspected for and cleared (when necessary) hydrants covered in snow Thawed frozen hydrants Staffed additional ambulance tours where possible and indicated Participated in Winter Weather Steering Committee briefings Monitored weather Participated in DTTF when activated Activated high axle vehicles if/when necessary Activated additional chiefs in selected positions when indicated Activated rapid response vehicles if/when necessary Monitored winter weather-related 911 calls	 Inspected for and cleared (when necessary) hydrants covered in snow Thawed frozen hydrants Staff additional ambulance tours where possible and indicated Participated in Winter Weather Steering Committee briefings Monitored weather Participated in DTTF when activated Activated high axle vehicles if/when necessary Activated additional chiefs in selected positions when indicated Activated rapid response vehicles if/when necessary Monitored winter weather-related 911 calls
	Assisted in removal of abandoned vehicles from major roadways	Assisted in removal of abandoned vehicles from major roadways	Assisted in removal of abandoned vehicles from major roadways

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Parks	 Provided representative for EOC activation Provided representative for DTTF activation Activated automated storm reports Deployed 1,740 personnel, 420 vehicles, and 223 pieces of equipment for DPR-related snow removal operations on 12/16/2020 Deployed 43 personnel and 15 vehicles in support of DSNY snow removal operations on 12/16/2020 Deployed 1,251 personnel, 462 vehicles, and 238 pieces of equipment for DPR-related snow removal operations on 12/17/2020 Deployed 59 personnel and 35 vehicles in support of DSNY snow removal operations on 12/17/2020 Provided four (4) total 12-hour shifts for DSNY support throughout the response to the storm. 	 Provided representative for EOC activation Prepared staffing in case DTTF was activated Activated automated storm reports Deployed 1,099 personnel, 397 vehicles, and 220 pieces of equipment for DPR-related snow removal operations on 02/01/2021 Deployed 69 personnel and 44 vehicles in support of DSNY snow removal operations on 02/01/2021 Deployed 1,100 personnel, 396 vehicles, and 210 pieces of equipment for DPR-related snow removal operations on 02/02/2021 Deployed 59 personnel and 38 vehicles in support of DSNY snow removal operations on 02/02/2021 Deployed 1,402 personnel, 396 vehicles, and 201 pieces of equipment for DPR-related snow removal operations on 02/03/2021 Deployed 49 personnel and 36 vehicles in support of DSNY snow removal operations on 02/03/2021 Deployed 49 personnel and 36 vehicles in support of DSNY snow removal operations on 02/03/2021 Provided five (5) total 12-hour shifts for DSNY support that 	 Provided representative for EOC activation Deployed 1,032 personnel, 390 vehicles, and 203 pieces of equipment for DPR-related snow removal operations on 02/07/2021 Deployed 71 personnel, 35 vehicles in support of DSNY snow removal operations on 02/07/2021 Deployed 1,188 personnel and 424 vehicles, and 218 pieces of equipment for DPR-related snow removal operations on 02/08/2021 Deployed 55 personnel and 35 vehicles in support of DSNY snow removal operations on 02/08/2021 Provided four (4) total 12-hour shifts for DSNY support that extended into 02/08/2021
DEP	 Activated Internal Winter Weather Plans Added extra staffing in all yards Assisted DSNY with snow 	 extended into 02/03/2021 Activated Internal Winter Weather Plans Added extra staffing in all yards Assisted DSNY with snow removal as requested 	 Activated Internal Winter Weather Plans Added extra staffing in all yards Assisted DSNY with snow removal as requested
OCME	 removal as requested Participated in Winter Weather Steering Committee Calls Issued weather updates to staff on regular bases Allowed some operational staff to come in early due to snow delays 	 Participated in Winter Weather Steering Committee Calls Issued weather updates to staff on regular bases Allowed some operational staff to come in early due to snow delays Closed South Brooklyn Marine Terminal long-term storage for two (2) days due to snow removal operations 	Participated in Winter Weather Steering Committee Calls Issued weather updates to staff on regular bases Allowed some operational staff to come in early due to snow delays Closed South Brooklyn Marine Terminal long-term storage for one (1) day due to snow removal operations
DOT	 Cleared East River Bridge Crossings Monitored conditions on highways and bridges from the Joint Traffic Management Center Deployed equipment and personnel for snow removal At peak: Personnel deployed: 613 	 Cleared East River Bridge Crossings Monitored conditions on highways and bridges from the Joint Traffic Management Center Deployed equipment and personnel for snow removal At peak: Personnel deployed: 545 Small equipment: 272 	 Cleared East River Bridge Crossings Monitored conditions on highways and bridges from the Joint Traffic Management Center Deployed equipment and personnel for snow removal At peak: Personnel deployed: 497

	 Small equipment: 118 Plows and heavy 	O Plows and heavy equipment: 132	Small equipment: 277 Plows and heavy autinment: 105
NYCHA	 equipment: 131 Conducted snow removal operations at NYCHA housing developments. Snow removed from building entrance steps, entrance landings, ramps, fire hydrants, fuel lines hydrants, Con Edison manholes, roofs, mobile boilers bulk and exterior compounds, interior sidewalks leading from buildings directly, ramps and interior secondary sidewalks, perimeter sidewalks, garage roofs, bunkers, and nonconventional buildings Deployed salt and sanding operations Hired temporary staff, contractors or rented equipment to assist with snow removal Addressed major service disruptions Cancelled community services/events City-owned Equipment Inventory: Dump trucks: 4 Generators: 0 Calcium chloride : 562,660 lbs. Purchased calcium chloride: 37,800 lbs. Sodium chloride: 83,040 lbs. Purchased sodium chloride: 5,004 lbs. Sand: 297,430 lbs. Purchased sand: 400 lbs. Sand/salt mixture from DSNY: 2 truckloads Walk-behind salt spreaders: 696 Walk-behind snow blowers: 24 Gator: 38 Bobcat/skid steer: 141 Toolcat: 77 Tractor: 60 Pickup truck with plow/salt spreader: 77 Front-end/Back-end loader: 4 	Conducted snow removal operations at NYCHA housing developments. Snow removed from building entrance steps, entrance landings, ramps, fire hydrants, fuel lines hydrants, Con Edison manholes, roofs, mobile boilers bulk and exterior compounds, interior sidewalks leading from buildings directly, ramps and interior secondary sidewalks, perimeter sidewalks, garage roofs, bunkers, and nonconventional buildings Deployed salt and sanding operations Hired temporary staff, contractors or rented equipment to assist with snow removal Addressed major service disruptions Cancelled community services/events City-owned Equipment Inventory: Walk-behind salt spreaders: 658 Walk-behind snow blowers: 324 Ride-on snow blower: 40 Gator: 36 Bobcat/skid steer: 142 Toolcat: 83 Tractor: 60 Pickup truck with plow/salt spreader: 86 Front-end/Back-end loader: 5 Sweeper: 5	equipment: 105 Conducted snow removal operations at NYCHA housing developments. Snow removed from building entrance steps, entrance landings, ramps, fire hydrants, fuel lines hydrants, Con Edison manholes, roofs, mobile boilers bulk and exterior compounds, interior sidewalks leading from buildings directly, ramps and interior secondary sidewalks, perimeter sidewalks, garage roofs, bunkers, and nonconventional buildings Deployed salt and sanding operations Hired temporary staff, contractors or rented equipment to assist with snow removal Addressed major service disruptions Cancelled community services/events City-owned Equipment Inventory: Dump trucks: 5 Generators: 0 Calcium chloride: 441,590 lbs. Purchased calcium chloride: 89,750 lbs. Sodium chloride: 53,150 lbs. Purchased sodium chloride: 2,900 lbs. Sand: 144,540 lbs. Purchased sand: 0 Walk-behind salt spreaders: 657 Walk-behind snow blowers: 253 Ride-on snow blower: 34 Gator: 38 Bobcat/skid steer: 127 Toolcat: 77 Tractor: 47 Pickup truck with plow/salt spreader: 71 Front-end/Back-end loader: 2 Sweeper: 6
MTA	Did not submit	Did not submit Did not submit	Did not submit Did not submit
PANYNJ	Did not submit	Did not submit	Did not submit
NYS DHSES	Did not submit	Did not submit	Did not submit