

# City of Hudson Service Levels- Ice or Freezing Rain

Pavement Temperature Range and Trend	SLEET/FREEZING RAIN/ICE			Comments
	Pavement Surface at Time of Initial Operation	Maintenance Action	Recommended Snow Removal Equipment	
Above 32°	Dry, wet, slush, or light snow cover	Monitor road and weather conditions for drops in temperatures	Anti-icing system or plow truck with a wetting system	Service as needed. Service icy spots @ 200 lbs/mile or 20 gal/mile.
Above 32°F With Temperatures Falling	Dry	Apply liquid	Anti-icing system	Service Anti-Ice Routes (Bridges, Curves, Inclines).
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	Heavy rain changing to freezing rain will wash chemicals from roads, load and pre-position trucks on routes to begin service as soon as practical.
25°F to 32°F	Dry	Apply liquid	Anti-icing system	N/A
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	N/A
Below 20°F to 25°F	Dry	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	N/A
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	The appropriate de-icing liquid may be used in temperatures below 25°F.
Below 15°F to 20°F	Dry	Monitor conditions	Plow truck with salt spreader & wetting system	Do not apply chemicals and maintain dry pavement during windy conditions.
	Wet, slush or light snow covered	Apply solid materials	Plow truck with salt spreader & wetting system	The appropriate de-icing liquid may be used in temperatures below 25°F.
Below 15°F	Dry	Monitor conditions	Plow truck with salt spreader & wetting system	Do not apply chemicals and maintain dry pavement during windy conditions.
	Wet, slush or light snow covered	Plow as needed	Plow truck with salt spreader & wetting system	As snow continues to fall plow accumulation.

# City of Hudson Service Levels-Heavy Snow

Pavement Temperature Range and Trend	HEAVY SNOWFALL 1.5-2.0 inches or more per hour			Comments
	Pavement Surface at Time of Initial Operation	Maintenance Action	Recommended Snow Removal Equipment	
Above 32°	Dry, wet, slush, or light snow cover	Monitor road and weather conditions for drops in temperatures	Anti-icing system or plow truck with a wetting system	Service as needed.
Above 32°F With Temperatures Falling	Dry	Apply liquid	Anti-icing system	Do not apply liquid to heavy or packed snow.
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	Do not apply liquid to heavy or packed snow.
25°F to 32°F	Dry	Apply liquid	Anti-icing system	Do not apply liquid to heavy or packed snow.
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	Do not apply liquid to heavy or packed snow.
Below 20°F to 25°F	Dry	Apply liquid	Anti-icing system	The appropriate de-icing liquid may be used in temperatures below 25°F.
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	The appropriate de-icing liquid may be used in temperatures below 25°F.
Below 15° F to 20°F	Dry	Monitor conditions	Plow truck with salt spreader & wetting system	Do not apply chemicals and maintain dry pavement during windy conditions. If sufficient moisture is present solid chemical can be applied.
	Wet, slush or light snow covered	Apply solid materials	Plow truck with salt spreader & wetting system	The appropriate de-icing liquid may be used in temperatures below 25°F.
Below 15°F	Dry	Monitor conditions	Plow truck with salt spreader & wetting system	Do not apply chemicals and maintain dry pavement during windy conditions.
	Wet, slush or light snow covered	Plow as needed-apply pre-wetted solid material	Plow truck with salt spreader & wetting system	Service as needed.

## City of Hudson Service Levels- Light Snow

Pavement Temperature Range and Trend	LIGHT SNOWFALL 1.5-2.0 inches or less per hour			Comments
	Pavement Surface at Time of Initial Operation	Maintenance Action	Recommended Snow Removal Equipment	
Above 32°	Dry, wet, slush, or light snow cover	Monitor road and weather conditions for drops in temperatures	Anti-icing system or plow truck with a wetting system	Service as needed.
Above 32°F With Temperatures Falling	Dry	Apply liquid	Anti-icing system	Service Anti-Ice routes (bridges, curves, inclines).
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	Service as needed.
25°F to 32°F	Dry	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	Service Anti-Ice routes (bridges, curves, inclines).
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	Service as needed.
Below 20°F to 25°F	Dry	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	The appropriate de-icing liquid may be used in temperatures below 25°F.
	Wet, slush or light snow covered	Apply liquid or pre-wetted solid	Anti-icing system or plow truck with salt spreader & wetting system	Service as needed.
Below 15° F to 20°F	Dry	Monitor conditions	Plow truck with salt spreader & wetting system	The appropriate de-icing liquid may be used in temperatures below 25°F.
	Wet, slush or light snow covered	Apply solid materials	Plow truck with salt spreader & wetting system	The appropriate de-icing liquid may be used in temperatures below 25°F.
Below 15°F	Dry	Monitor conditions	Plow truck with salt spreader & wetting system	Do not apply chemicals and maintain dry pavement during windy conditions.
	Wet, slush or light snow covered	Plow as needed-apply pre-wetted solid material	Plow truck with salt spreader & wetting system	Service as needed.