

the stream passes through the Don Valley in the City of Toronto, and discharges in Toronto Harbour at its eastern extremity.

The area drained by the various branches of this river is nearly all in a thorough state of cultivation.

The soil varies, but is generally sandy loam and loamy clay.

The slope of the watershed embraced within the area drained being somewhat steep, the discharge of the river is perhaps more rapid than usual in this part of Ontario.

The following table of precipitation within the district, also gauging of flow of the River Don taken after the last ice and flood water had passed, shew that in ordinary the volume of water is small, while a rapid thaw or sudden downpour of rain, such as that noted in August, 1878, has the immediate effect of creating a torrent, and it is at these times when the great bulk of the silty matter is brought down.

ANNUAL PRECIPITATION AT THE UNDERNOTED PLACES.

Toronto—

Average precipitation (59 years)	33.944 in.
Rain (maximum annual fall (1843)).....	43.555 in.
Rain (minimum annual fall (1874))	17.574 in.
Melted snow (maximum annual fall (1870))	12.29 in.
Melted snow (minimum annual fall (1899))	3.18 in.

Thornhill—

Precipitation, parts of 1870-1-2	28.09 in.
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Markham—

Precipitation, 1870-1-2	31.68 in.
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Stouffville—

Precipitation, 1895-6-7-8-9	34.94 in.
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Agincourt—

Precipitation, 1896-7-8-9	30.58 in.
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Scarboro Junction—

Precipitation, 1884 to 1899 (14)	29.78 in.
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Toronto—

Heaviest fall of rain in 24 hours:

3.455 in.....	14th September, 1843
3.450 in.....	4th August, 1878
3.381 in.....	27th July, 1897