

# NINIGRET POND

## FRESHWATER INPUT DATA

	cubic feet per year	gallons per year	cubic meters per year
<b>Direct Precipitation To Water</b>	<b>257,655,832</b>	<b>1,927,399,642</b>	<b>7,296,000</b>

	cubic feet per day	gallons per day	cubic meters per day
<b>Groundwater Flow</b>			
High Estimate	<b>1,654,468</b>	<b>12,376,282</b>	<b>46,849</b>
Low Estimate	<b>1,199,731</b>	<b>8,974,614</b>	<b>33,973</b>

	cubic feet per day	gallons per day	cubic meters per day
<b>River/Stream Flow</b>			
High Estimate	<b>648,242</b>	<b>4,849,186</b>	<b>18,356</b>
Low Estimate	<b>251,557</b>	<b>1,881,774</b>	<b>7,123</b>

	cubic feet per day	gallons per day	cubic meters per day
<b>Wastewater Treatment Flow</b>		<b>N O N E</b>	

### Important Notes:

- Average precipitation is 45 inches (114.3 cm) per year
- Direct precipitation data calculated from water surface area and average precipitation

### Data References:

- Precipitation data from Kingston Weather Station at URI Kingston Campus
- Groundwater flow high estimate from Scott & Moran 2000
- Groundwater flow low estimate from Grace & Kelly 1981
- River/stream flow high estimate from Ernst 1996
- River/stream flow low estimate from Nixon et al. 1982

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