

# GREEN HILL POND

## FRESHWATER INPUT DATA

	cubic feet per year	gallons per year	cubic meters per year
<b>Direct Precipitation To Water</b>	<b>68,439,830</b>	<b>511,965,530</b>	<b>1,938,000</b>

	cubic feet per day	gallons per day	cubic meters per day
<b>Groundwater Flow</b>			
High Estimate	<b>764,351</b>	<b>5,717,741</b>	<b>21,644</b>
Low Estimate	<b>657,912</b>	<b>4,921,526</b>	<b>18,630</b>

	cubic feet per day	gallons per day	cubic meters per day
<b>River/Stream Flow</b>			
High Estimate	<b>464,423</b>	<b>3,474,127</b>	<b>13,151</b>
Low Estimate	<b>319,280</b>	<b>2,388,380</b>	<b>9,041</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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