

POINT JUDITH POND

FRESHWATER INPUT DATA

	cubic feet per year	gallons per year	cubic meters per year
Direct Precipitation To Water	253,629,960	1,897,284,022	7,182,000

	cubic feet per day	gallons per day	cubic meters per day
Groundwater Flow			
High Estimate	2,418,808	18,093,940	68,493
Low Estimate	2,225,319	16,646,541	63,014

	cubic feet per day	gallons per day	cubic meters per day
River/Stream Flow			
High Estimate	4,063,606	30,397,885	115,068
Low Estimate	919,149	6,875,713	26,027

	cubic feet per day	gallons per day	cubic meters per day
Wastewater Treatment Flow	N O N E		

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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