

# LITTLE NARRAGANSETT BAY

## FRESHWATER INPUT DATA

	cubic feet per year	gallons per year	cubic meters per year
<b>Direct Precipitation To Water</b>	<b>638,804,523</b>	<b>4,778,590,097</b>	<b>18,088,928</b>

	cubic feet per day	gallons per day	cubic meters per day
<b>Groundwater Flow</b>			
High Estimate		<b>unknown</b>	
Low Estimate		<b>unknown</b>	

	cubic feet per year	gallons per year	cubic meters per year
<b>River/Stream Flow</b>			
Average	<b>18,715,280,583</b>	<b>140,000,000,000</b>	<b>529,957,680</b>
High (1973)	<b>27,467,748,909</b>	<b>205,473,000,000</b>	<b>777,799,960</b>
Low (1981)	<b>7,915,494,242</b>	<b>59,212,000,000</b>	<b>224,141,815</b>

	cubic feet per day	gallons per day	cubic meters per day
<b>Wastewater Treatment Flow</b>			
Pawcatuck Facility	<b>60,156</b>	<b>450,000</b>	<b>1,703</b>
Westerly Facility	<b>300,247</b>	<b>2,246,000</b>	<b>8,502</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

River estimates from Desbonnet 1999

Westerly wastewater flow from Westerly Public Works Dept. 2002

Pawcatuck wastewater flow from Pawcatuck Water Pollution Control Authority 2002

Provided courtesy of the Rhode Island Sea Grant Program

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