

2002 Parameter Data: Chloride

**2002 Chloride Data for Rivers and Tributaries**

Road density, highway runoff, road salting practices, as well as the proximity of salt storage facilities can affect chloride concentration in inland rivers and tributaries (those away from salt water). Chloride can be a general indicator of the degree of urbanization of a watershed, with typically higher levels of chloride found in more developed areas. Chloride is measured on a part per million basis (ppm). The average person can taste the “saltiness” of water around 250 ppm of chloride, which is well above the level found in any URI Watershed Watch site.

Section 1. Rivers; Listed alphabetically, upstream to downstream.

<b>LOCATION</b>	<b>MAY</b>	<b>JUNE</b>	<b>JULY</b>	<b>AUG.</b>	<b>SEPT.</b>	<b>OCT.</b>	<b>MEAN</b>
	----- (ug/l or ppb) -----						
CHEPACHET RIVER	21	-	-	-	-	24	<b>23</b>
FALLS RIVER D	8	7	-	-	-	7	<b>7</b>
FALLS RIVER C	8	6	-	-	-	9	<b>8</b>
FALLS RIVER B	9	8	-	-	-	8	<b>8</b>
FALLS RIVER A	9	9	-	-	-	9	<b>9</b>
GREEN FALLS RIVER #1	4	5	-	-	-	7	<b>5</b>
GREEN FALLS RIVER #2	10	10	-	-	-	8	<b>9</b>
GREEN FALLS RIVER #3	7	12	-	-	-	25	<b>15</b>
LOCSTV.- MOSCOW @ SAWMILL	14	13	-	-	-	29	<b>19</b>
LOCSTV.- BRUSHY @ WOODY HILL	3	3	-	-	-	13	<b>6</b>
LOCSTV.- BRUSHY @ SAWMILL	4	8	-	-	-	7	<b>6</b>
MEADOW BROOK #1	-	16	-	-	-	13	<b>15</b>
MEADOW BROOK #2	-	14	-	-	-	14	<b>14</b>
MEADOW BROOK #3	-	14	-	-	-	14	<b>14</b>
MOOSUP RIVER UPSTREAM	12	-	-	-	-	21	<b>17</b>
MOOSUP RIVER A	15	13	-	-	-	22	<b>17</b>
MOOSUP RIVER B	24	19	-	-	-	35	<b>26</b>
NARROW RIVER-01	38	35	-	-	-	-	<b>37</b>
PAWCATUCK RIVER @ AVONDALE	18	-	-	-	-	19	<b>19</b>
QUEEN RIVER (SHERMAN BRK)	5	5	-	-	-	8	<b>6</b>
QUEEN RIVER (BROWNELL'S)	9	11	-	-	-	10	<b>10</b>
QUEEN RIVER (SAND BRIDGE)	14	13	-	-	-	13	<b>13</b>
QUEEN RIVER (DUGWAY BRIDGE)	-	12	-	-	-	-	<b>-</b>
QUEEN RIVER (LOCKE BROOK)	10	11	-	-	-	-	<b>-</b>
SHUNOCK RIVER @ BABCOCK	11	-	-	-	-	17	<b>14</b>
SHUNOCK RIVER @ HEWITT	8	-	-	-	-	9	<b>9</b>

ND = No Detect      Limit of Detection = 3 ppm

Section 2. Tributaries; Alphabetically by lake, upstream to downstream as appropriate.

<b>LOCATION</b>	<b>MAY</b>	<b>JUNE</b>	<b>JULY</b>	<b>AUG.</b>	<b>SEPT.</b>	<b>OCT.</b>	<b>MEAN</b>
	----- (ug/l or ppb) -----						
ASSECONK SWAMP	10	-	-	-	-	11	<b>11</b>
BARBER - MUD BROOK	21	21	-	-	-	23	<b>22</b>
BELLEVILLE @ RR XING	24	-	-	-	-	24	<b>24</b>

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LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
	----- (ug/l or ppb) -----						
BELLEVILLE @ SLUICeway	25	-	-	-	-	25	25
BOONE TRIBUTARY #1	43	-	-	-	-	-	-
CARR INLET (NK)	40	-	-	-	-	40	40
GEORGIVILLE @ CAPRON POND	-	-	-	-	-	-	-
GEORGIVILLE @ HARRIS	-	-	-	-	-	-	-
PASQUISETT TRIBUTARY	25	-	-	-	-	27	26
SECRET - OAK HILL EAST	16	-	-	-	-	20	18
SECRET - OAK HILL WEST	15	-	-	-	-	23	19
SECRET - SHORE DR.	32	-	-	-	-	99	66
SHICKASHEEN - A @ RTE 2	13	19	-	-	-	21	18
SHICKASHEEN - B @ MISKIANIA	16	17	-	-	-	22	18
SHICKASHEEN - C @ BARBER OUTL	17	17	-	-	-	18	17
SHICKASHEEN - D @ RTE 138	15	15	-	-	-	-	15
SLACK'S TRIBUTARY #1 (A)	10	10	-	-	-	50	23
SLACK'S TRIBUTARY #2 (B)	51	40	-	-	-	66	52
SLACK'S TRIBUTARY #3 (C)	5	3	-	-	-	10	6
SLACK'S TRIBUTARY #4 (D)	12	10	-	-	-	47	23
SMITH & SAYLES @ KEECH	21	-	-	21	-	-	21
SMITH & SAYLES @ BALCOM	29	-	-	35	-	-	32
SMITH & SAYLES @ O'DONNELL	41	-	-	45	-	-	43
STAFFORD INLET - UPSTREAM	24	-	-	-	-	-	24
STAFFORD INLET - DOWNSTREAM	69	-	-	-	-	130	100
STAFFORD NE COVE	-	-	-	-	-	25	-
WATCHAUG - PERRY HEALY BRK	-	-	-	-	-	16	-

ND = No Detect

Limit of Detection = 3 ppm