

2000 Parameter Data: Chloride

2000 Chloride Data for Rivers, Streams and Tributaries

Road density, highway runoff, road salting practices, as well as the proximity of salt storage facilities can affect chloride concentration in inland lakes and ponds (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, and upstream to downstream as appropriate.

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
----- (mg/L or ppm) -----							
BEAVER RIVER #1	15	20	20	15	15	20	18
BEAVER RIVER #2	15	15	20	20	15	15	17
BEAVER RIVER #3	15	-	15	15	15	-	15
BEAVER RIVER #4	15	20	15	15	-	15	16
BEAVER RIVER #5	15	15	30	15	15	15	18
FALLS RIVER D	10	10	10	-	-	5 / 5	8
FALLS RIVER C	10	5	10	-	-	5 / 5	7
FALLS RIVER B	10	5	5	-	-	5 / 5	6
FALLS RIVER A	10	5	5	-	-	5 / 5	6
GREEN FALLS RIVER #1	5	5	5	10	-	5	6
GREEN FALLS RIVER #2	10	5	10	30	-	10	13
GREEN FALLS RIVER #3	10	10	15	15	-	15	13
MEADOW BROOK #1	15	15	15	10	10	15	13
MEADOW BROOK #2	15	-	10	15	15	15	14
MEADOW BROOK #3	15	10	10	15	10	15	13
MOOSUP RIVER A	15	15	20	-	-	15 / 15	16
MOOSUP RIVER B	15	15	25	-	-	25 / 20	20
NARROW RIVER-01	70	35	35	40	30	-	42
NARROW RIVER-11	-	-	1040	-	-	-	
NARROW RIVER-12	-	155	330	-	150	-	212
PAWCATUCK RIVER AT BRADFO	20	-	20	-	-	25	22
QUEEN RIVER #1	5	5	10	15	10	10	9
QUEEN RIVER #2	10	-	-	10	10	10	10
QUEEN RIVER #3	-	10	-	10	10	15	11
QUEEN RIVER #4	10	10	15	-	10	15	12
QUEEN RIVER #5	10	15	15	10	10	-	12
SHUNOCK RIVER @ BABCOCK	15	-	15	-	-	15	15
SHUNOCK RIVER @ HEWITT	10	-	10	-	-	10	10
WOOD RIVER @ RTE 165	-	-	10	-	20	5	
WOOD RIVER @ WOODVILLE	20	5	30	-	-	35	

Other Narrow River sites not analyzed for chlorides due to high salt content.

/ # = October / November values

2000 Parameter Data: Chloride

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

LOCATION	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	MEAN
----- (mg/L or ppm) -----							
ASSECONK SWAMP	10	-	10	-	-	10	10
BARBER - MUD BROOK	25	-	30	20	20	20	23
BELLEVILLE @ RR XING	25	-	30	-	-	25	27
BELLEVILLE @ SLUICeway	25	-	25	-	-	25	25
BOONE TRIBUTARY #1	70	-	115	-	-	-	93
BOONE TRIBUTARY #2	-	-	70	-	-	-	70
CARR INLET (NK)	-	-	40	-	-	-	40
FLAT RIVER @ ZEKE'S BRIDGE	-	20	-	-	-	25	23
FLAT RIVER @ ISLE OF CAPRI	-	20	-	-	-	25	23
FLAT RIVER @ MAPLE VALLEY	-	-	-	-	-	20	20
GEORGIAVILLE @ CAPRON PON	-	-	35	-	-	45	40
GEORGIAVILLE @ HARRIS	60	-	50	-	-	85	65
LOC - BRUSHY BR @ WOODY HIL	-	-	-	5	ND	-	3
LOC - BRUSHY BR @ SAWMILL R	10	5	10	10	5	-	8
LOC - DAWLEY BR @ DYE HILL R	5	5	-	-	-	-	9
LOC - LOGHOUSE BR - GRASSY	-	-	-	-	10	-	10
LOC - MOSCOW BR @ SAWMILL	15	15	20	25	10	-	15
MEADOW BROOK INLET	15	-	-	-	-	-	15
PASQUISETT TRIBUTARY	25	-	-	-	-	25	25
SECRET - OAK HILL WEST	15	-	20	-	-	15	17
SECRET - OAK HILL EAST	-	-	20	-	-	15	18
SECRET - SHORE DR.	5	-	40	-	-	35	27
SHICKASHEEN @ RTE 2	20	-	-	15	15	15	16
SHICKASHEEN @ MISKIANIA	20	-	10	10	15	15	14
SHICKASHEEN @ BARBER OUTL	25	-	15	15	15	-	18
SHICKASHEEN @ RTE 138	20	-	15	15	15	-	16
SLACK'S TRIBUTARY #1 (A)	30	15	15	10	10	-	16
SLACK'S TRIBUTARY #2 (B)	30	45	40	40	40	45	40
SLACK'S TRIBUTARY #3 (C)	30	15	25	20	20	20	22
SLACK'S TRIBUTARY #4 (D)	30	10	35	30	30	30	28
SMITH & SAYLES @ KEECH	15	-	15	-	-	15	15
SMITH & SAYLES @ BALCOM	20	-	25	-	-	20	22
SMITH & SAYLES @ O'DONNEL	-	-	45	-	-	45	45
STAFFORD INLET - UPSTREAM	15	-	-	-	-	-	15
STAFFORD INLET - DOWNSTREA	55	-	150	-	-	115	107
STAFFORD NORTHEAST COVE	-	-	-	-	-	20	
STAFFORD NORTH COVE	-	-	-	-	-	20	
WATCHAUG - PERRY HEALY BR	20	-	25	-	-	20	22

ND = No Detect Limit of Detection = 3 ppm
 Mean calculated using half the limit of detection (1.5 ppm).