

2006 Parameter Data: Chloride Data; Lakes, Ponds and Reservoirs; Listed Alphabetically

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 freshwater site. Chloride is regularly analyzed only in May samples to capture winter road salt impacts and in October to assess seasonal variation.

Watershed code	LOCATION	Sample Depth (m)	Sample							MEAN
			MAY	JUNE	JULY	AUG.	SEPT.	OCT.		
-- (mg/l or ppm) --										
WD	ALTON POND	1	25	-	-	-	-	-	-	25
S	ASA POND	1	16	-	-	-	-	-	-	16
WD	BARBER POND	1	13	-	-	-	-	-	18	16
WD	BARBER POND	4.5	-	-	-	-	-	-	-	-
A	BELLEVILLE POND - LOWER	1	38	-	-	-	-	-	-	38
A	BELLEVILLE POND - UPPER	0.5	-	36	-	-	-	-	-	36
PA	BLACKAMORE POND	1	92	-	-	-	-	-	75	84
TH	BLUE LAKE	1	7	-	-	-	-	-	10	9
WD	BOONE LAKE	1	58	-	-	-	-	-	72	65
WD	BOONE LAKE	5	56	-	-	-	-	-	69	63
TH	BOWDISH RESERVOIR	1	24	-	-	-	-	-	-	-
WD	BROWNING MILL POND	1	56	-	-	-	-	-	83	70
TH	CARBUNCLE POND	1	21	-	-	-	-	-	21	21
TH	CARBUNCLE POND	6.5	18	-	-	-	-	-	21	20
PE	CARR POND (NK)	1	32	-	-	-	-	-	72	52
PE	CARR POND (NK)	4.5	7	-	-	-	-	-	48	28
PA	CARR POND (WG)	1	5	-	-	-	-	-	6	6
PA	CARR POND (WG)	9	33	-	-	-	-	-	8	21
TH	CLARKVILLE POND	1	21	-	-	-	-	-	28	25
CW	DEEP POND	1	9	-	-	-	-	-	10	10
CW	DEEP POND	5	8	-	-	-	-	-	11	10
PA	FENNER POND	1	31	-	-	-	-	-	56	44
PA	FLAT RIVER RESERVOIR	1	21	-	-	-	-	-	25	23
PA	FLAT RIVER RESERVOIR	7	48	-	-	-	-	-	20	34
WO	GEORGIAVILLE POND	1	51	71	-	-	-	-	72	65
WO	GEORGIAVILLE POND	6	54	78	-	-	-	-	82	71
NA	GORTON POND	1	-	-	-	-	-	-	73	-
NA	GORTON POND	10	-	-	-	-	-	-	80	-
WO	HAWKINS POND	1	26	-	-	-	-	-	22	24
WD	HUNDRED ACRE POND	1	23	-	-	-	-	-	23	23
WD	HUNDRED ACRE POND	6	25	-	-	-	-	-	18	22
S	INDIAN LAKE	1	46	-	-	-	-	-	36	41

Maximum Limit of Detection Without Dilution (offscale) = 250 ppm

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-- (mg/l or ppm) --										
B	KEECH POND	1	-	14	-	-	-	-	24	19
CE	LILY POND	1	60	-	-	-	-	-	-	-
PA	LITTLE POND	1	15	-	-	-	-	-	13	14
PA	LITTLE POND	5	15	-	-	-	-	-	16	16
WD	LOCUSTVILLE POND	1	14	-	-	-	-	-	12	13
S	LONG POND (SK)	1	8	-	-	-	-	-	5	7
S	LONG POND (SK)	7	-	-	-	-	-	-	-	-
WD	MEADOWBROOK POND	1	13	-	-	-	-	-	17	15
NA	MELVILLE P - UPPER	1	59	-	-	-	-	-	36	48
PA	MESHANICUT POND	0.5	121	-	-	-	-	-	55	88
PA	MISHNOCK LAKE	1	96	-	-	-	-	-	117	107
PA	MISHNOCK LAKE	4	97	-	-	-	-	-	118	108
SK	NANAQUAKET POND	1	Not measured due to ocean influence of this site							
PA	OAK SWAMP RES.	1	52	-	-	-	-	-	-	-
B	PASCOAG RESERVOIR	1	17	-	-	-	-	-	17	17
B	PASCOAG RESERVOIR	4	19	-	-	-	-	-	18	19
WD	PASQUSETT POND	1	37	-	-	-	-	-	31	34
PA	PONAGANSETT RESERVOIR	1	14	-	-	-	-	-	13	14
PA	PONAGANSETT RESERVOIR	9	14	-	-	-	-	-	14	14
NA	PRINCE'S POND	1	Not measured due to ocean influence of this site							
NA	PRINCE'S POND	3	Not measured due to ocean influence of this site							
PA	PRINTWORKS POND		71	-	-	-	-	-	101	86
WD	QUEEN @ USQUEPAUGH (Glen Rock Res.)	1	10	-	-	-	-	-	13	12
PA	RANDALL POND	1	123	-	-	-	-	-	106	115
PA	SAND POND	1	132	-	-	-	-	-	124	128
PA	SAND POND	7	293	-	-	-	-	-	171	232
S	SAUGATUCKET POND	1	22	-	-	-	-	-	8	15
CW	SCHOOLHOUSE POND - LOWER	1	8	-	-	-	-	-	7	8
CW	SCHOOLHOUSE POND - LOWER	6+	8	-	-	-	-	-	-	-
CW	SCHOOLHOUSE POND - UPPER	1	7	-	-	-	-	-	32	20
CW	SCHOOLHOUSE POND - UPPER	6+	7	-	-	-	-	-	-	7
B	SCOTT POND	1	87	-	-	-	-	-	81	84
B	SCOTT POND	9	86	-	-	-	-	-	-	86
A	SECRET LAKE	1	22	-	-	-	-	-	36	29
S	SILVER LAKE	1	33	-	-	-	-	-	41	37
S	SILVER LAKE	7	34	-	-	-	-	-	38	36
PE	SILVER SPRING LAKE	1	15	-	-	-	-	-	33	24

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WO	SLACK'S RESERVOIR	1	-	-	-	-	-	46	-	
WO	SLACK'S RESERVOIR	4	-	-	-	-	-	-	-	
TE	SLATER POND	1	12	-	-	-	-	15	14	
B	SLATERSVILLE RESERVOIR - UP	1	-	23	-	-	-	29	26	
B	SLATERSVILLE RESERVOIR - UP	5.5	-	19	-	-	-	30	25	
B	SMITH & SAYLES RESERVOIR	1	-	-	-	-	-	-	-	
WD	SPALDING POND	1	7	-	-	-	-	7	7	
PA	SPECTACLE POND	1	65	-	-	-	-	63	64	
B	SPRING GROVE POND	1	24	-	-	-	-	41	33	
B	SPRING LAKE	1	8	-	-	-	-	8	8	
B	SPRING LAKE	5	7	-	-	-	-	8	8	
TA	STAFFORD POND	1	32	28	-	-	-	24	28	
TA	STAFFORD POND	7	29	29	-	-	-	25	28	
B	TARKILN POND	1	10	-	-	-	-	-	-	
PA	TIOGUE LAKE	1	117	-	-	-	-	118	118	
WD	TUCKER POND	1	7	-	-	-	-	7	7	
WD	TUCKER POND	7.5	8	-	-	-	-	8	8	
PA	UPPER DAM POND	1	55	-	-	-	-	49	52	
B	VALLEY FALLS POND	0.5	51	-	-	-	-	77	64	
NA	WARWICK POND	1	49	-	-	-	-	40	45	
NA	WARWICK POND	5.5	47	-	-	-	-	41	44	
WD	WATCHAUG POND	1	13	-	-	-	-	13	13	
WD	WATCHAUG POND	10	14	-	-	-	-	18	16	
WO	WATERMAN RESERVOIR	1	23	-	-	-	-	21	22	
NA	WESQUAGE POND	1	Not measured due to ocean influence of this site							
WD	WHITE BROOK POND	1	28	-	-	-	-	11	20	
WD	WINCHECK POND	1	10	-	-	-	-	-	10	
WD	WINCHECK POND	5	19	-	-	-	-	-	19	
WO	WOONASQUA - STUMP	1	24	24	-	-	-	44	31	
WD	WORDEN POND	1	22	-	-	-	-	21	22	
WD	WYASSUP LAKE	1	7	-	-	-	-	8	8	
WD	WYOMING POND	1	-	-	-	-	-	-	-	
WD	YAWGOO POND	1	11	-	-	-	-	12	12	
WD	YAWGOO POND	10	11	-	-	-	-	13	12	

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