

2007 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	21	-	-	-	-	-	31	26
S	ASA POND	1	27	-	-	-	-	-	34	31
WD	BARBER POND	1	-	-	-	-	-	-	-	
WD	BARBER POND	4.5	-	-	-	-	-	-	-	
A	BELLEVILLE POND - LOWER	1	33	-	-	-	-	-	41	37
A	BELLEVILLE POND - UPPER	0.5	36	-	-	-	-	-	-	
TH	BILLINGS LAKE (CT)	1	3	-	-	-	-	-	4	4
TH	BILLINGS LAKE (CT)	7	-	-	-	-	-	-	4	4
PA	BLACKAMORE POND	1	78	-	-	-	-	-	44	61
TH	BLUE LAKE	1	7	-	-	-	-	-	10	9
WD	BOONE LAKE	1	43	-	-	-	-	-	62	53
WD	BOONE LAKE	5	40	-	-	-	-	-	60	50
TH	BOWDISH RESERVOIR	1	21	-	-	-	-	24	-	23
WD	BREAKHEART POND	1	13	-	-	-	-	-	13	13
TH	CARBUNCLE POND	1	13	-	-	-	-	-	20	17
TH	CARBUNCLE POND	6.5	13	-	-	-	-	-	20	17
PE	CARR POND (NK)	1	31	-	-	-	-	-	-	
PE	CARR POND (NK)	4.5	31	-	-	-	-	-	-	
PA	CARR POND (WG)	1	4	-	-	-	-	-	3	4
PA	CARR POND (WG)	9	5	-	-	-	-	-	5	5
R	CENTRAL POND (Turner Reservoir-north)	1	76	-	-	-	-	-	125	101
WD	CHAPMAN POND	1	47	-	-	-	-	-	-	
CW	DEEP POND	1	6	-	-	-	-	-	7	7
CW	DEEP POND	5	6	-	-	-	-	-	8	7
WD	EISENHOWER LAKE	1	7	-	-	-	-	-	9	8
PA	FLAT RIVER RESERVOIR	1	19	-	-	-	-	-	-	
PA	FLAT RIVER RESERVOIR	7	16	-	-	-	-	-	-	
WO	GEORGIAVILLE POND	1	40	-	-	-	-	-	52	46
WO	GEORGIAVILLE POND	6	37	-	-	-	-	-	52	45
NA	GORTON POND	1	63	-	-	-	-	-	59	61
NA	GORTON POND	10	62	-	-	-	-	-	63	63
B	HANDY POND	1	163	-	-	-	-	-	214	189

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			-- (mg/l or ppm) --							
WO	HAWKINS POND	1	28	-	-	-	-	35	32	
WD	HUNDRED ACRE POND	1	18	-	-	-	-	21	20	
WD	HUNDRED ACRE POND	6	-	-	-	-	-	19		
S	INDIAN LAKE	1	33	-	-	-	-	41	37	
B	KEECH POND	1	17	-	-	-	-	25	21	
CE	LILY POND	1	46	-	-	-	-	60	53	
PA	LITTLE POND	1	15	-	-	-	-	18	17	
PA	LITTLE POND	5	16	-	-	-	-	18	17	
WD	LOCUSTVILLE POND	1	10	-	-	-	-	20	15	
S	LONG POND (SK)	1	19	-	-	-	-	7	13	
S	LONG POND (SK)	7	-	-	-	-	-	7		
WD	MEADOWBROOK POND	1	12	-	-	-	-	15	14	
NA	MELVILLE P - UPPER	1	38	-	-	-	-	25	32	
PA	MISHNOCK LAKE	1	99	-	-	-	-	30	65	
PA	MISHNOCK LAKE	4	108	-	-	-	-	30	69	
PA	MISHNOCK LAKE - LITTLE	1	112	-	-	-	-	35	74	
PA	PONAGANSETT RESERVOIR	1	12	-	-	-	-	12	12	
PA	PONAGANSETT RESERVOIR	9	12	-	-	-	-	13	13	
NA	PRINCE'S POND	1	Not measured due to ocean influence of this site, see salinity data.							
WD	QUEEN @ USQUEPAUGH (Glen Rock Reservoir)	1	10	-	-	-	-	9	10	
PA	RANDALL POND	1	93	-	-	-	-	94	94	
PA	SAND POND	1	95	-	-	-	-	93	94	
PA	SAND POND	7	101	-	-	-	-	99	100	
S	SAUGATUCKET POND	1	19	-	-	-	-	22	21	
CW	SCHOOLHOUSE P - LOWER	1	7	-	-	-	-	8	8	
CW	SCHOOLHOUSE P - LOWER	6+	-	-	-	-	-	8		
CW	SCHOOLHOUSE P - UPPER	1	7	-	-	-	-	8	8	
CW	SCHOOLHOUSE P - UPPER	6+	-	-	-	-	-	13		
B	SCOTT POND	1	75	-	-	-	-	71	73	
B	SCOTT POND	9	-	-	-	-	-	73	73	
A	SECRET LAKE	1	26	-	-	-	-	27	27	
S	SILVER LAKE	1	34	-	-	-	43	38	38	
S	SILVER LAKE	7	35	-	-	-	36	36	36	
PE	SILVER SPRING LAKE	1	36	-	-	-	-	40	38	
CE	SIMMONS MILL POND	1	29	-	-	-	-	39	34	
WO	SLACK'S RESERVOIR	1	42	-	-	-	-	48	45	
WO	SLACK'S RESERVOIR	4	42	-	-	-	-	49	46	

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			-- (mg/l or ppm) --							
TE	SLATER POND	1	13	-	-	-	-	16	15	
B	SLATERSVILLE RES - UPPER	1	65	-	-	-	-	37	51	
B	SLATERSVILLE RES - UPPER	5.5	23	-	-	-	-	41	32	
B	SMITH & SAYLES RESERVOIR	1	16	-	-	-	-	-	-	
WD	SPALDING POND	1	8	-	-	-	-	11	10	
PA	SPECTACLE POND	1	67	-	-	-	-	60	64	
PA	SPECTACLE POND	4	73	-	-	-	-	63	68	
B	SPRING GROVE POND	1	24	-	-	-	-	55	40	
B	SPRING LAKE	1	6	-	-	-	-	8	7	
B	SPRING LAKE	5	7	-	-	-	-	7	7	
TA	STAFFORD POND	1	23	-	-	-	-	24	24	
TA	STAFFORD POND	7	23	-	-	-	-	23	23	
PA	TIOGUE LAKE	1	94	-	-	-	-	121	108	
WD	TUCKER POND	1	7	-	-	-	-	8	8	
WD	TUCKER POND	7.5	9	-	-	-	-	8	9	
PA	UPPER DAM POND	1	49	-	-	-	-	49	49	
B	VALLEY FALLS POND	0.5	69	-	-	-	-	102	86	
B	WALLUM LAKE	1	9	-	-	-	-	10	10	
B	WALLUM LAKE	5	10	-	-	-	-	11	11	
NA	WARWICK POND	1	40	-	-	-	-	38	39	
NA	WARWICK POND	5.5	38	-	-	-	-	33	36	
WD	WATCHAUG POND	1	11	-	-	-	-	-	-	
WD	WATCHAUG POND	10	12	-	-	-	-	-	-	
WO	WATERMAN RESERVOIR	1	19	-	-	-	-	20	20	
NA	WESQUAGE POND	1	Not measured due to ocean influence of this site, see salinity data.							
WD	WHITE POND	1	6	-	-	-	-	5	5	
WD	WHITE POND	8	6	-	-	-	-	7	7	
WD	WINCHECK POND	1	6	-	-	-	-	8	7	
WD	WINCHECK POND	5	7	-	-	-	-	9	8	
WO	WOONASQUA - STUMP	1	31	-	-	-	-	45	38	
WD	WORDEN POND	1	17	-	-	-	-	23	20	
WD	WYASSUP LAKE	1	6	-	-	-	-	6	6	
WD	YAWGOO POND	1	10	-	-	-	-	11	11	
WD	YAWGOO POND	10	10	-	-	-	-	10	10	

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