

2002 Parameter Data: Chloride

2002 Chloride Data for Lakes, Ponds, and Reservoirs

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.

LOCATION	MAY	JUNE	JULY	AUG.	SEP.	OCT.	MEAN
Concentration at 1M							
	-- (mg/l or ppm) --						
ALMY POND (NEWPORT)	38	35	-	-	-	-	37
ALTON POND	21	-	-	-	-	24	23
BARBER POND	16	-	-	-	-	17	17
BELLEVILLE POND - LOWER	30	-	-	-	-	35	33
BELLEVILLE POND - UPPER	35	-	-	-	-	-	-
BLACKAMORE POND	81	-	-	-	-	-	-
BOONE LAKE	66	-	-	-	-	-	-
BOWDISH RESERVOIR	23	-	-	-	-	21	22
BREAKHEART POND	-	22	-	-	-	27	25
CARBUNCLE POND	15	-	-	-	-	-	-
CARR POND (NK)	3	-	-	-	-	38	21
CARR POND (WG)	3	-	-	-	-	3	3
CHAPMAN POND	47	-	-	-	-	59	53
COOMBER'S RESERVOIR	42	-	-	-	-	44	43
DEEP POND	6	-	-	-	-	7	7
ECHO LAKE - BARRINGTON	71	-	-	-	-	83	77
FLAT RIVER RESERVOIR	23	-	-	-	-	25	24
GEORGIAVILLE POND	55	-	-	-	-	50	53
HAWKINS POND	30	-	-	-	-	30	30
HUNDRED ACRE POND	20	-	-	-	-	19	20
INDIAN LAKE	37	-	-	-	-	41	39
JILLSON RESERVOIR (ALMY POND)	36	-	-	-	-	34	35
KEECH POND	18	-	-	-	-	20	19
LAKE WASHINGTON	38	-	-	-	-	43	41
LAKE WILLIAM	-	5	-	-	-	5	5
LITTLE POND	10	-	-	-	-	13	12
LOCUSTVILLE POND	-	-	-	-	-	17	-
LONG POND (HOPKINTON)	2	-	-	-	-	2	2
LONG POND (SK)	10	-	10	-	-	12	11
LOWER SPRAGUE RESERVOIR	22	-	-	-	-	18	20
MASHAPAUG POND	62	-	-	-	-	47	55
MEADOWBROOK POND	-	-	-	-	-	11	11
MELVILLE POND - UPPER	94	-	-	-	-	47	71
MISHNOCK LAKE	76	-	-	-	-	-	-
NANAQUAKET POND	-	-	-	-	-	-	*
OAK SWAMP RESERVOIR	40	-	-	-	-	41	41

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PASCOAG RESERVOIR	21	-	-	-		19	20
PASQUISETT POND	23	-	-	-		26	25
PRINCE'S POND	-	-	-	-		-	*
QUEEN - USQ. (GLEN ROCK)	11	-	-	-		10	11
RANDALL POND	113	-	-	-		80	97
ROGER WM PARK POND	55	-	-	-		53	54
SAND POND	105	-	-	-		110	108
SAUGATUCKET POND	16	-	-	-		24	20
SCHOOLHOUSE P - LOWER	7	-	-	-		9	8
SCHOOLHOUSE P - UPPER	7	-	-	-		7	7
SECRET LAKE	24	-	-	-		23	24
SILVER LAKE	28	-	-	-		29	29
SILVER SPRING LAKE	28	-	-	-		36	32
SLACK'S RESERVOIR	53	46	-	-		43	47
SLATER POND	17	-	-	-		15	16
SLATERSVILLE RES. - UPPER	22	-	-	-		38	30
SMITH & SAYLES RESERVOIR	20	-	-	20		-	20
SPALDING POND	7	-	-	-		8	8
SPECTACLE POND	52	-	-	-		31	42
SPRING GROVE POND	22	-	-	-		26	24
SPRING LAKE	6	-	-	-		6	6
STAFFORD POND	23	-	-	-		24	24
STILLWATER POND	-	-	-	-		55	-
TARBOX POND	6	-	-	-		7	7
TARKILN POND	20	-	-	-		-	-
TIOGUE LAKE	127	-	-	-		127	127
TUCKER POND	8	-	-	-		-	-
TURNER RESERVIOR (LOWER)	76	-	-	-		101	89
VALLEY FALLS POND	71	-	-	-		80	76
WALLUM LAKE	7	-	-	-		7	7
WARWICK POND	30	-	-	-		28	29
WATCHAUG POND	13	-	-	-		13	13
WATERMAN RESERVOIR	32	-	-	-		24	28
WENSOTT RESERVOIR	35	-	-	-		34	35
WESQUAGE POND	-	-	-	-		-	*
WHITE POND	6	-	-	-		7	7
WILSON RESERVOIR	18	-	-	-		16	17
WOONASQUATUCKET RES. STUMP	39	-	-	-		44	42
WYASSUP LAKE	5	-	-	-		6	6
WYOMING POND	-	20	-	-		-	-
YAWGOO POND	10	11	-	-		10	10

ND = No Detect Limit of Detection = 3 ppm; Chloride analyzed in May lake sample to capture winter road salt impacts, and only spordiacally the remainder of the season