

2000 Parameter Data: Bacteria

2000 Bacteria Data for Lakes, Ponds and Tributaries

URI Watershed Watch volunteers collect mid-lake water samples in sterilized bottles for measurement of fecal coliform and *E. coli* bacteria. Researchers and regulatory agencies use bacteria levels as an indicator of human health risk. Beach closures often result when bacteria levels exceed standards. In RI, the bacterial standard for recreational water bodies is 200 fecal coliform units per 100 ml water sample in fresh water and 50 fecal coliform units per 100 ml water sample in salt water (visit www.state.ri.us/dem/programs/bioenviron/water/index.htm for details). US EPA recommends the recreational standard of 126 *E. coli* units per 100 ml water sample in fresh water.

LOCATION	MAY		JUNE		JULY		AUG.		SEPT.		OCT.	
	------(count per 100 mL)-----											
	Fecal Coliform	<i>E. coli</i>	Fecal Coliform	<i>E. coli</i>	Fecal Coliform	<i>E. coli</i>	Fecal Coliform	<i>E. coli</i>	Fecal Coliform	<i>E. coli</i>	Fecal Coliform	<i>E. coli</i>
ALTON POND	52	52	-	-	< 1	< 1	-	-	-	-	154	153
BARBER POND	3	3	-	-	-	-	-	-	-	-	6	5
BELLEVILLE - LOWER	< 1	< 1	-	-	98	93	-	-	-	-	< 1	< 1
BELLEVILLE - UPPER	< 1	< 1	-	-	4	4	-	-	-	-	5	5
BOONE LAKE	16	14	-	-	6	6	-	-	-	-	-	-
BOWDISH RESERVOIR	< 1	< 1	-	-	< 1	< 1	-	-	-	-	-	-
CARBUNCLE POND	4	3	-	-	2	2	-	-	-	-	< 1	< 1
CARR POND (NK)	2	2	-	-	< 1	< 1	-	-	-	-	-	-
CARR POND (WG)	< 1	< 1	-	-	< 1	< 1	-	-	-	-	< 1	< 1
CLARK POND	210	205	-	-	20	20	-	-	-	-	-	-
COOMBER'S RESERVIOR	-	-	-	-	11	11	-	-	-	-	2	2
DEEP POND	-	-	-	-	3	< 1	-	-	-	-	-	-
FLAT RIVER RESERVOIR	5	3	9	9	-	-	-	-	-	-	3	2
GEORGIAVILLE POND	9	8	-	-	5	5	-	-	-	-	< 1	< 1
GORTON POND	23	21	-	-	1	1	-	-	-	-	6	4
HUNDRED ACRE POND	< 1	< 1	-	-	3	3	-	-	-	-	< 1	< 1
INDIAN LAKE	< 1	< 1	-	-	1	1	-	-	-	-	< 1	< 1
KEECH POND	12	12	-	-	4	3	-	-	-	-	< 2	< 2
LARKIN POND	2	< 1	-	-	< 1	< 1	-	-	-	-	-	-
LITTLE POND	20	18	-	-	4	3	-	-	-	-	2	1

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LOCUSTVILLE POND	37	35	-	-	35	33	-	-	-	-	21	21
LONG POND	< 1	< 1	-	-	< 1	< 1	-	-	-	-	<1	<1
LOWER SPRAGUE RES.	23	17	-	-	49	48	-	-	-	-	15	15
MASHAUG POND	3	2	-	-	8	8	-	-	-	-	200	190
MEADOWBROOK POND	30	30	-	-	8	6	-	-	-	-	6	6
MELVILLE POND - UPPER	17	17	-	-	11	9	-	-	-	-	3	3
MISHNOCK LAKE	< 1	< 1	-	-	5	5	-	-	-	-	21	20
OAK SWAMP RESERV.	27	27	-	-	3	3	-	-	-	-	12	12
PASCOAG RESERVOIR	< 1	< 1	-	-	3	3	-	-	-	-	13	13
PASQUISETT POND	77	77	-	-	9	6	-	-	-	-	5	5
PRINCE'S POND	23	17	-	-	3	2	-	-	-	-	10	10
QUEEN RIVER @ USQ.	31	31	-	-	46	42	-	-	-	-	47	46
QUIDNICK RESERVOIR	< 1	< 1	-	-	1	< 1	-	-	-	-	<1	<1
SAND POND	11	10	-	-	30	26	-	-	-	-	7	4
SAUGATUCKET POND	107	107	-	-	21	14	-	-	-	-	15	15
SCHOOLHOUSE-LOWER	-	-	-	-	< 1	< 1	-	-	-	-	<1	<1
SCHOOLHOUSE-UPPER	-	-	-	-	< 1	< 1	-	-	-	-	1	1
SECRET LAKE	83	80	-	-	92	85	-	-	-	-	2	2
SHIPPEE MILL POND	52	51	-	-	4	4	-	-	-	-	7	7
SILVER LAKE	7	6	-	-	1	1	-	-	-	-	<1	<1
SILVER SPRING LAKE	37	37	-	-	40	38	-	-	-	-	<1	<1
SLACK'S RESERVOIR	24	22	80	73	13	11	10	10	124	120	5	5
SLATER POND	580	560	-	-	87	83	-	-	-	-	240	240
SMITH & SAYLES RES.	17	14	-	-	5	3	-	-	-	-	<1	<1
SPALDING POND	101	94	-	-	1	1	-	-	-	-	3	<1
SPECTACLE POND	113	103	-	-	56	5	-	-	-	-	-	-
SPRING GROVE POND	-	-	-	-	7	6	-	-	-	-	<1	<1
SPRING LAKE	4	4	-	-	2	2	-	-	-	-	1	1
STAFFORD POND	4	3	-	-	1	1	-	-	-	-	3	0

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STILLWATER POND	3	2	-	-	4	4	-	-	-	-	-	-
TARBOX POND	1	1	-	-	9	8	-	-	-	-	2	2
TIOGUE LAKE	14	11	-	-	< 2	< 2	-	-	-	-	4	4
TIPPECANSETT POND	< 1	< 1	-	-	< 1	< 1	-	-	-	-	-	-
TUCKER POND	13	13	-	-	3	3	-	-	-	-	<1	<1
TURNER RESERVOIR	480	480	-	-	-	-	-	-	-	-	110	110
UPPER DAM POND	-	-	-	-	-	-	-	-	-	-	-	-
UP. SLATERSVILLE RES.	4	4	-	-	2	2	-	-	-	-	-	-
VALLEY FALLS POND	200	200	-	-	37	23	-	-	-	-	25	25
WARWICK POND	-	-	-	-	3	3	-	-	-	-	95	95
WASH POND	3	3	-	-	-	-	-	-	-	-	-	-
WATCHAUG POND	8	2	-	-	5	4	-	-	-	-	<1	<1
WATERMAN LAKE	4	4	-	-	10	8	-	-	-	-	2	2
WENSCOTT RESERVOIR	3	3	-	-	5	5	-	-	-	-	6	6
WESQUAGE POND	32	25	-	-	47	30	-	-	-	-	110	110
WHITE POND	< 1	< 1	-	-	< 1	< 1	-	-	-	-	-	-
WOONA. RES. SOUTH	9	7	-	-	99	92	-	-	-	-	<2	<2
WOONA. RES. STUMP	1	1	-	-	< 1	< 1	-	-	-	-	6	6
WORDEN POND	< 1	< 1	-	-	< 1	< 1	-	-	-	-	10	10
WYASSUP LAKE	35	34	-	-	5	4	-	-	-	-	<1	<1
WYOMING POND	82	82	-	-	13	12	-	-	-	-	5	4
YAWGOO POND	-	-	-	-	2	2	1	1	-	-	9	9

EPA fresh water standards for recreational contact:

Fecal coliform not to exceed 200 fecal coliform / 100 mL.

E. coli not to exceed 126 *E. coli* / 100 mL.