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**Appendix 2: Tables of Correlated Streamgage  
Stations in Massachusetts and Rhode Island**

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**Table 2.1.** Streamgage stations correlated with other streamgage (index) stations by mean daily streamflow in Massachusetts and Rhode Island

[Daily values correlated from April 1 through November 30 for the 1997 through 2001 water years unless noted otherwise. StdErr, standard error of estimate, in percent; r<sup>2</sup>, correlation coefficient]

Basin and station number	Index station 1			Index station 2			Index station 3			Index station 4			Index station 5		
	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>
01094400	01094500	27.2	94.2	01096000	27.9	93.9	01163200	30.8	92.6	01173000	37.9	88.9	01173500	39.7	87.9
01094500	01094400	22.2	94.0	01096000	22.4	94.0	01096500	31.1	88.5	01163200	32.5	87.5	01097000	32.7	87.3
01095220	01112500	52.1	87.9	01095375	54.7	86.8	01173000	56.6	86.0	01096000	56.6	85.9	01173500	57.6	85.5
01095375	01112500	45.1	91.0	01097000	46.8	90.3	01096000	48.3	89.7	01095220	52.4	88.1	01177000	53.4	87.6
01096000	01094500	24.0	95.2	01094400	25.4	94.6	01163200	36.7	89.1	01097000	37.4	88.7	01173500	38.3	88.2
01096500	01094500	32.8	88.9	01096000	34.3	87.8	01094400	38.0	85.2	01097000	39.7	83.9	01095375	41.2	82.8
<b>SUASCO (Sudbury, Assabet, and Concord)</b>															
01097000	01099500	27.4	93.6	01112500	29.6	92.5	01094500	34.3	90.1	01095375	34.7	89.8	01096000	36.1	89.0
01097300	01102000	60.1	89.1	01101500	66.8	86.8	01110000	67.2	86.6	01173000	70.2	85.5	01101000	71.2	85.2
01098530	01099500	46.6	87.9	01097000	56.4	82.8	01112500	58.3	81.7	01104200	63.8	78.5	01103500	64.2	78.2
01099500	01097000	24.7	94.9	01112500	25.9	94.4	01103500	29.8	92.6	01104200	33.2	91.0	01104500	36.5	89.2
<b>Shawsheen</b>															
01100568	01102500	65.4	57.5	01114000	66.7	55.9	01100600	67.1	55.5	01109403	69.4	52.8	01105500	70.4	51.6
01100600	01102500	40.9	87.8	01103500	47.9	83.6	01105566	50.2	82.1	01109060	50.5	81.9	01112500	53.5	79.8
<b>Parker and Ipswich</b>															
01101000	01102000	63.9	91.2	01097300	76.6	88.0	01176000	82.6	86.3	01101500	84.4	85.8	01099500	100.8	81.0
01101500	01102000	55.2	92.8	01097300	71.8	88.5	01104200	82.2	85.5	01101000	84.8	84.7	01104500	88.9	83.4
01102000	01101500	37.8	93.4	01101000	45.5	90.6	01103500	51.5	88.2	01104200	52.3	87.8	01099500	53.8	87.2
<b>North Coastal</b>															
01102345	01102500	37.8	91.3	01102000	51.8	84.2	01112500	53.1	83.5	01105566	55.9	81.8	01109403	62.3	77.9
01102500	01102345	36.4	89.2	01100600	41.9	85.8	01112500	48.5	81.3	01105500	53.1	77.9	01105000	54.8	76.6
<b>Charles</b>															
01103280 <sup>1</sup>	01103500	23.4	96.1	01104200	32.2	92.7	01109060	33.2	92.2	01112500	34.2	91.8	01105000	35.8	91.0
01103500	01104200	17.6	97.5	01104500	21.9	96.2	01109060	26	94.7	01105566	28	93.9	01099500	31.4	92.3
01104200	01104500	18.1	97.4	01103500	20.2	96.8	01109060	32.4	91.9	01109000	35.1	90.5	01099500	36.3	89.8
01104430	01175500	209.8	11.2	01105600	229.6	.85	01100568	231	0	01100600	231	0	01104500	231	0
01104500	01104200	15.9	97.4	01103500	20.7	95.7	01109060	30.5	90.7	01109000	31	90.4	01099500	34.4	88.3
01104480 <sup>1</sup>	01162500	249.7	48.8	01185500	251.5	48.4	01162000	255.7	47.5	01101000	276	42.9	01166500	281.5	41.6
<b>Neponset</b>															
01105000	01105566	29.2	93.0	01103500	35.6	89.7	01105500	35.9	89.6	01109060	38.4	88.1	01108000	38.5	88.1
01105500	01105566	27.5	92.8	01105000	34.8	88.6	01108000	35.7	88.1	01105730	38.4	86.2	01109403	42.0	83.6
01105566	01105500	27.2	94.1	01105000	27.7	93.9	01103500	31.7	92.0	01108000	36.4	89.6	01109060	36.9	89.4

**Table 2.1.** Streamgage stations correlated with other streamgage (index) stations by mean daily streamflow in Massachusetts and Rhode Island—Continued

Basin and station No.	Index station 1			Index station 2			Index station 3			Index station 4			Index station 5		
	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>
01105600	01105730	37.9	88.7	01108000	45.3	84.2	01105500	48	82.3	01109403	59.2	74.0	01102500	62.1	71.5
01105730	01105600	29.1	91.1	01108000	29.2	91.1	01105500	37	85.8	01109060	39.1	84.2	01109403	41.4	82.3
01105870	01108000	23.1	90.1	01105730	29.8	83.8	01112500	30.2	83.4	01109403	32	81.3	01117500	35.4	77.3
01105933	01117000	56.9	83.7	01109060	58	83.1	01118000	59.3	82.4	01118500	60.4	81.8	01109000	61.1	81.4
01108000	01109060	26.4	92.5	01109403	28.8	91.1	01109000	29.9	90.3	011055566	30	90.3	01112500	31.7	89.2
01109000	01109060	20.9	97.4	01109403	31.5	94.1	01103500	35.8	92.4	01112500	39.2	91.0	01108000	40.4	90.4
01109060	01109000	18.3	97.5	01109403	22.1	96.4	01103500	29	93.8	01108000	31.5	92.7	011055566	35.9	90.7
01109070	01109000	81.6	82.9	01115187	86.6	81.1	01109060	87.2	80.8	01105933	88.7	80.3	01111300	102	75.2
01109403	01109060	18.3	94.9	01109000	22.1	92.7	01112500	26.3	89.6	01108000	26.9	89.2	01118000	31.3	85.4
01110000	01097300	71.8	87.3	01102000	86.7	82.5	01099500	90.4	81.2	01101500	91.1	80.9	01173000	92.0	80.6
01110500	01094500	27.5	86.6	01112500	31.9	82.0	01097000	32.4	81.5	01177000	33.1	80.7	01116500	35.4	78.1
01111300	01115187	55.1	87.0	01112500	64.4	85.7	01115098	66.8	84.6	01109000	68.3	84.1	01095220	70.8	83.0
01111500	01112500	34.6	88.7	01115187	42.1	81.4	01109403	47.0	79.8	01115098	47.0	79.8	01109000	47.8	79.2
01112500	01097000	27.4	91.9	01109403	29.2	90.8	01109060	29.3	90.8	01109000	30.5	90.0	01111500	31.7	89.2
01113695 <sup>1</sup>	01111300	54.1	86.2	01103500	66.2	80.1	01115098	68.1	79.0	01101500	69.3	78.3	01098530	72.4	76.6
01114000	01109403	32.2	87.8	01118000	37.9	83.4	01112500	40.2	81.3	01117000	40.3	81.2	01117420	41.7	79.9
01114500	01116500	44.6	79.7	01109060	45.8	78.7	01118000	47.0	77.6	01117800	47.3	77.3	01112500	48.0	76.7
01115098	01115187	41.9	90.3	01117800	53.3	87.5	0111300	56.5	86.1	01118000	59.4	84.8	01095220	59.8	84.6
01115187	01115098	53.6	90.7	01109000	63.6	87.3	0111300	63.8	87.2	01109060	68.7	85.4	01112500	73.2	83.7
01116000	01116500	26.8	89.3	01118000	34.5	82.5	01112500	35.7	81.4	01117800	35.8	81.2	01118500	37.4	79.6
01116500	01116000	28.0	88.0	01109403	32.3	84.3	01118000	33.6	82.9	01112500	33.9	82.7	01117800	34.3	82.2
01117000	01118500	25.2	94.2	01117420	27.4	93.2	01118000	27.7	93.0	01117468	27.9	92.9	01117800	31.3	91.1

**Table 2.1.** Streamgage stations correlated with other streamgage (index) stations by mean daily streamflow in Massachusetts and Rhode Island—Continued

Basin and station No.	Index station 1			Index station 2			Index station 3			Index station 4			Index station 5			
	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	
01117350	01117500	34.5	87.4	01118500	38.2	84.7	01117468	38.6	84.4	01117420	40.8	82.6	01118000	42.1	81.6	
01117354 <sup>1</sup>	01117370	19.3	96.8	01117420	23.6	95.2	01117000	23.8	95.2	01117410	23.8	95.1	01117468	29.2	92.7	
01117370 <sup>1</sup>	01117410	13.2	97.7	01117420	14.6	97.2	011173545	14.6	97.2	01117000	18.1	95.7	01117468	19.5	95.0	
01117410 <sup>1</sup>	01117420	12.0	97.8	01117370	12.2	97.7	01117000	13.4	97.3	01117468	14.4	96.9	011173545	16.9	95.7	
01117420	01117468	21.5	94.1	01118500	21.9	93.9	01117500	22.1	93.8	01117000	22.2	93.7	01118000	23.9	92.8	
01117468	01118500	16.9	96.0	01117500	17.8	96.0	01117420	21.2	94.4	01118000	21.7	94.1	01117800	22.8	93.5	
01117500	01118500	11.8	98.0	01117468	15.7	96.5	01117000	18.4	95.2	01117420	19.9	94.4	01118000	21.3	93.5	
01117800	01118000	16.5	96.6	01117468	23.1	93.5	01117000	25.4	92.2	01118500	25.5	92.1	01117420	26.7	91.4	
01118000	01117800	16.6	96.5	01118500	19.1	95.4	01117468	22.3	93.1	01117000	22.7	93.6	01117420	24.5	92.5	
01118500	01117500	12.9	97.9	01117468	16.3	96.6	01118000	18.0	95.9	01117000	18.9	95.5	01117420	21.2	94.4	
							<b>Millers</b>									
01162000	01166500	38.9	89.7	01162500	40.2	89.0	01163200	56.7	79.2	01171500	59.5	77.3	01094400	63.2	74.6	
01162500	01166500	46.1	89.8	01162000	48.9	88.6	01183500	66.8	80.0	01174565	69.8	78.3	01163200	75.1	75.3	
01163200	01094400	29.8	93.0	01094500	37.2	89.2	01096000	38.6	88.4	01173500	41.9	86.5	01166500	44.7	84.7	
01166500	01162500	33.4	89.5	01162000	34.5	88.8	01163200	40.5	84.8	01094400	43.2	82.8	01096000	44.9	81.4	
							<b>Deerfield</b>									
01168500	01170000	18.0	95.0	01169000	39.2	77.2	01332500	40.0	76.4	01170100	41.5	74.7	01331500	43.1	72.7	
01169000	01170100	14.4	98.5	01169000	32.0	92.9	01181000	38.2	90.0	01332500	38.4	89.9	01183500	38.8	89.7	
01169900	01171500	32.2	92.9	0116-9000	33.0	92.5	01170100	33.2	92.4	01183500	36.8	90.8	01181000	37.6	90.4	
01170000	01168500	17.8	95.7	01169000	30.2	87.8	01170100	32.8	85.7	01183500	36.4	82.5	01169900	36.5	82.4	
01170100	01169000	14.8	98.6	01169900	33.1	93.0	01181000	39.6	90.2	01183500	40.5	89.7	01332500	43.1	88.4	
							<b>Connecticut</b>									
01171500	01169900	32.0	93.0	01183500	35.1	91.6	01181000	36.5	91.0	01174565	40.8	88.8	01169000	45.1	86.5	
							<b>Ware</b>									
01172500	01173000	40.9	93.0	01173500	51.6	89.2	01094400	53.4	88.5	01163200	58.6	86.4	01176000	63.0	84.5	
01173000	01173500	31.9	94.4	01172500	33.0	94.0	01094400	38.3	92.0	01176000	39.9	91.4	01096000	41.9	90.5	
01173500	01173000	30.5	93.0	01177000	33.9	91.4	01176000	35.7	90.5	01094400	37.4	89.6	01096000	39.5	88.5	

**Table 2.1.** Streamgage stations correlated with other streamgage (index) stations by mean daily streamflow in Massachusetts and Rhode Island—Continued

Basin and station No.	Index station 1			Index station 2			Index station 3			Index station 4			Index station 5			
	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	Station	StdErr	r <sup>2</sup>	
01174500	01174565	73.0	80.3	01094400	76.7	78.6	01163200	78.9	77.5	01173500	81.5	76.3	01173000	84.8	74.6	
01174565	01171500	41.0	90.7	01183500	49.8	86.5	01181000	52.5	85.1	01094400	57.0	82.7	01173500	58.1	82.1	
01175500	01104430	55.8	10.2	01117350	57.4	5.5	01117500	57.7	4.7	01117468	58.5	2.20	01100568	58.9	.77	
01175670	01176000	54.6	87.2	01094400	55.8	86.7	01097000	56.8	86.2	01112500	59.5	85.1	01173000	62.9	83.4	
01176000	01173000	30.4	93.4	01173500	31.1	93.1	01177000	35.4	91.1	01175670	37.1	90.3	01099500	40.8	88.3	
01177000	01173500	24.2	90.8	01176000	27.2	88.5	01096000	28.8	87.1	01173000	29.0	86.9	01112500	29.3	86.6	
							<b>Westfield</b>									
01179500	01183500	28.7	94.2	01181000	31.8	92.9	01169000	36.9	90.6	01169900	37.1	90.4	01197500	43.4	87.2	
01181000	01183500	30.9	94.4	01171500	38.6	91.3	01169900	39.4	91.0	01169000	41.6	90.0	01170100	41.7	90.0	
01183500	01179500	24.2	94.7	01181000	24.6	94.5	01171500	29.4	92.2	01169000	33.8	89.8	01197500	35.0	89.1	
							<b>Housatonic</b>									
01185500	01181000	53.5	84.1	01197500	62.4	78.9	01171500	62.4	78.9	01183500	66.5	76.3	01174565	72.1	72.8	
01197000	01197500	25.4	93.2	01331500	28.8	91.2	01332500	29.5	90.8	01181000	33.0	88.6	01169000	36.9	85.8	
01197500	01197000	21.2	94.0	01181000	25.2	91.6	01331500	27.3	90.2	01332500	27.7	89.8	01183500	28.9	89.0	
							<b>Hudson</b>									
01331500	01332500	15.4	96.8	01197000	24.6	91.9	01333000	25.6	91.2	01197500	27.9	89.6	01169000	30.9	87.3	
01332500	01331500	15.8	96.6	01333000	25.1	91.6	01197000	25.9	91.1	01169000	28.7	89.1	01197500	29.2	88.8	
01333000	01332500	30.6	92.3	01331500	31.6	91.8	01197500	43.2	85.1	01197000	45.3	83.7	01181000	46.2	83.1	

<sup>1</sup>Indicates shorter period of record available for regression analysis