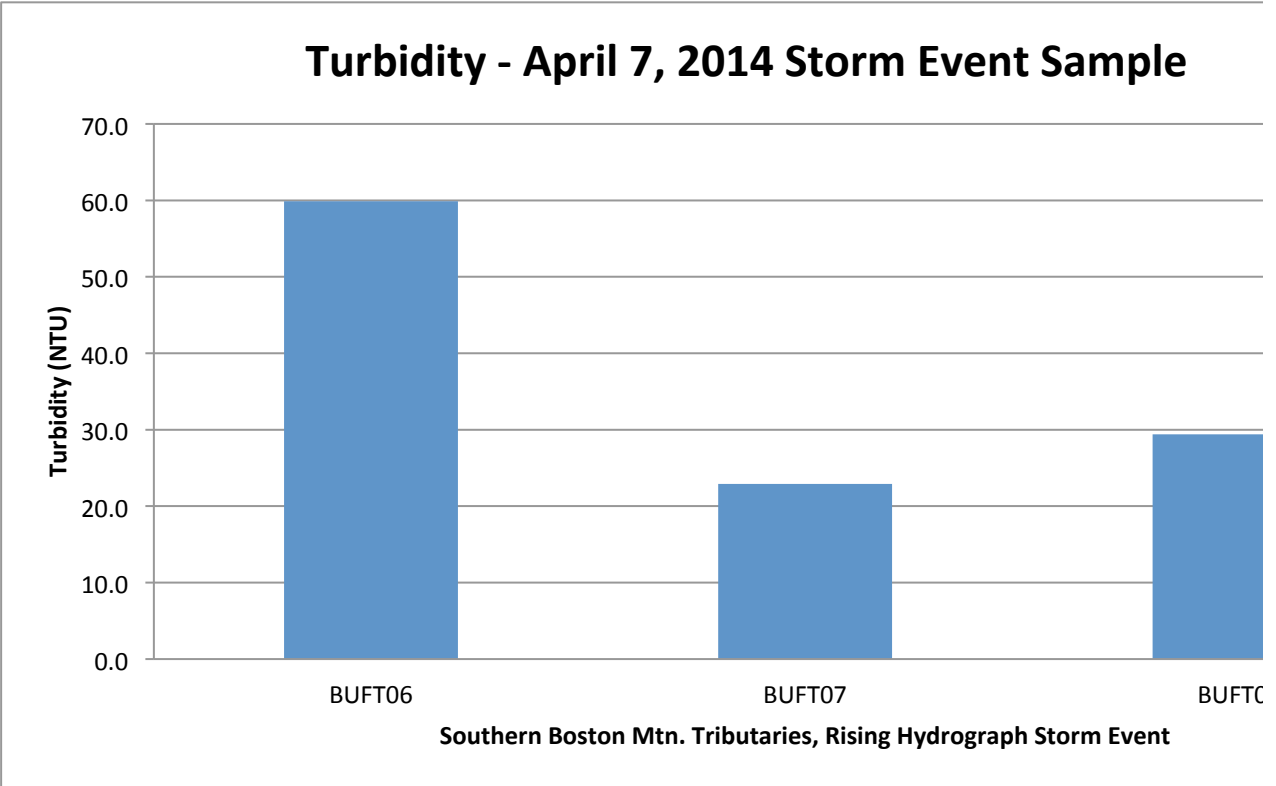


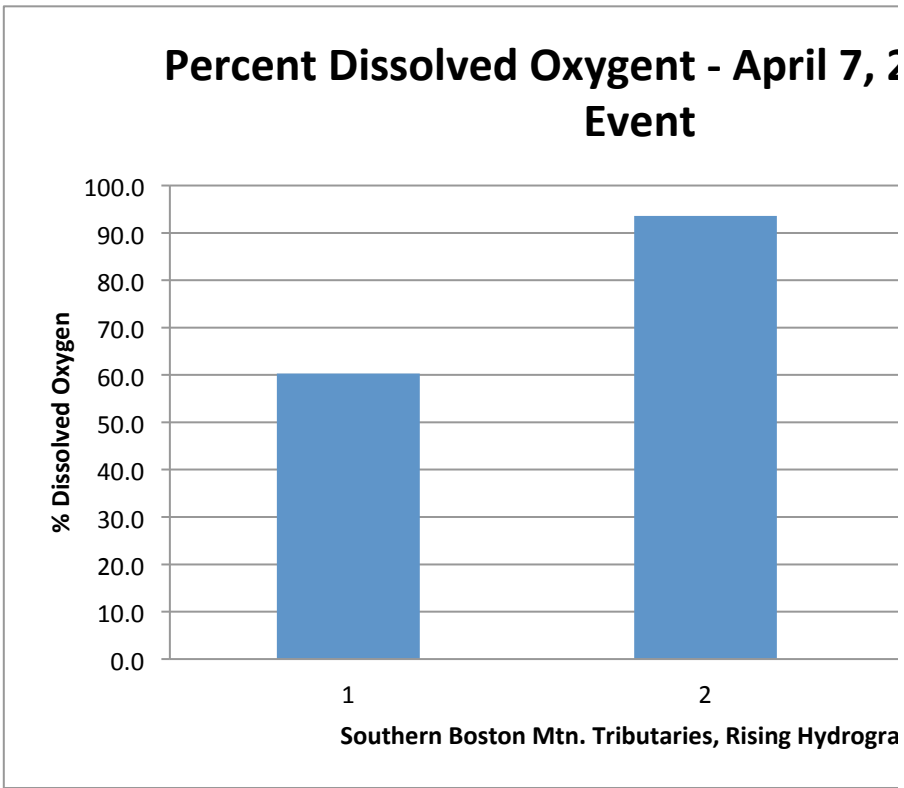
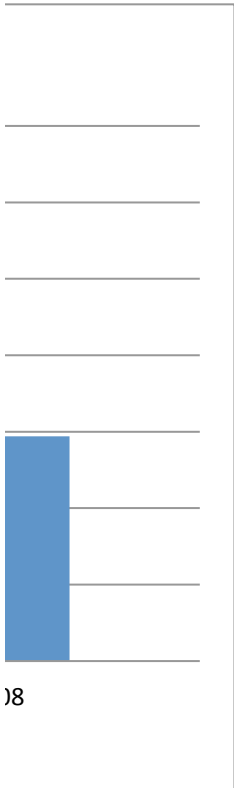
Site Identifier	Description	Sample Date
BUFT06	Big Creek near Carver at Gene Rush Road Crossing	04/07/14
BUFT07	Davis Creek at Mount Hershey above Confluence with Buffalo River	04/07/14
BUFT08	Cave Creek near Gene Rush WMU	04/07/14
BUFT12	Bear Creek above Confluence with Buffalo River	04/07/14
BUFT14	Tomahawk Creek at Searcy County Road 82 Crossing	04/07/14

Note: T06 values were not determined due to more rain at this site than at other sites. As much as 8 inches of rain fell at this site on 4/7/14. This is indicative of the high turbidity in the tributaries. DO was 0.0 mg/L. Call me at 864-333-8888.

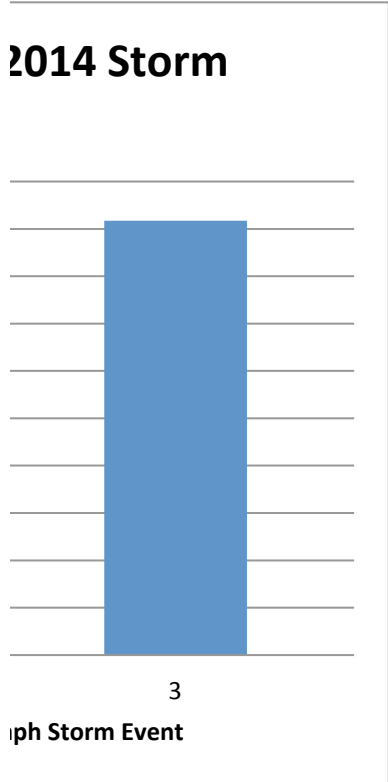


Time	Collected By	Temperature	Precipitation	Discharge	Flow Regime	Water Temperature	Conductivity	pH
9:05	FDU	7.3	2		R	9.5	136	7.8
10:51	FDU	16.2	2		R	11.7	280	8.2
9:45	FDU	8.8	2	418.2	R	10.2	138	8.0
11:44	FDU	14.1	2	548	F	10.8	154	7.9
12:17	FDU	15.3	2	122.3	F	12.1	250	8.4

was diluted by half for the E. coli analysis and then multiplied by 2 post reading. Other samples were collected, although T07 and T12 should have been. The south side of the watershed received runoff and were still in rising conditions when sampled. T12 and T14 were falling and did not receive runoff as the southern tributaries. Since these sites are not gaged, it is unclear as to what the rising hydrographs were sampled and results are not representative of the entire event or runoff load. What is of interest is the %DO being much lower in T06 than the other comparable sites as very low last year in T06, and this indicates that we may see that trend again this year. Runoff can have significant effects upon the river's water quality. If you have any questions, please call 70-365-2764. Faron Usrey



DO	PercentDO	Turbidity	FecalColiform	E Coli
6.9	60.3	59.9	2860	4840
10.2	93.6	22.9	1700	>2420
10.3	91.7	29.4	1660	2420
10.4	93.9	30.1	2500	>2420
11.2	103.9	7.5	490	1553



Comments
DUPLICATE SITE, STAGE TOO DEEP FOR DISCHARGE
SAMPLE TAKEN ON COUNTRY ROAD CROSSING
TAKEN AT HIGHWAY 65, USGS SITE