

Water-Data Report 2009

**03598165 HURRICANE CREEK NEAR ELBETHEL, TN**

Lower Tennessee Basin  
Upper Duck Subbasin

LOCATION.--Lat 35°33'27", long 86°29'54" referenced to North American Datum of 1927, Bedford County, TN, Hydrologic Unit 06040002, on the right downstream bank near bridge on Old Nashville Dirt Road.

DRAINAGE AREA.--12.9 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--December 2008 to June 2009 (discontinued).

GAGE.--CR850 data logger with modem, water quality sensor and pressure transducer.

REMARKS.--Records fair except for estimated daily discharges which are poor.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period December 2008 to June 2009, 2,010 ft<sup>3</sup>/s, May 2; gage height, 11.17 ft, minimum discharge, 0.00 ft<sup>3</sup>/s, several days.

## 03598165 HURRICANE CREEK NEAR ELBETHEL, TN—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	e7.7	13	12	43	17	349	0.34	---	---	---
2	---	---	e7.7	11	11	46	105	987	0.21	---	---	---
3	---	---	e7.3	10	9.2	31	318	743	0.16	---	---	---
4	---	---	e17	9.5	7.2	25	43	492	0.19	---	---	---
5	---	---	19	9.9	6.1	21	26	72	0.16	---	---	---
6	---	---	13	203	6.3	17	19	214	0.15	---	---	---
7	---	---	9.3	222	6.3	15	15	122	0.13	---	---	---
8	---	---	7.2	48	5.6	13	12	52	0.09	---	---	---
9	---	---	17	27	5.2	11	9.7	38	0.07	---	---	---
10	---	---	549	50	4.8	9.7	71	29	0.05	---	---	---
11	---	---	519	52	6.5	8.7	44	27	0.07	---	---	---
12	---	---	205	29	13	10	23	20	0.05	---	---	---
13	---	---	51	21	9.5	43	18	14	0.05	---	---	---
14	---	---	32	16	8.2	268	17	10	0.05	---	---	---
15	---	---	29	13	6.8	185	14	8.3	0.04	---	---	---
16	---	---	63	9.7	5.9	65	11	7.1	0.03	---	---	---
17	---	---	83	8.4	5.3	38	9.1	7.2	0.01	---	---	---
18	---	---	56	8.8	9.4	26	7.8	5.0	0.00	---	---	---
19	---	---	35	8.5	10	19	26	3.8	0.00	---	---	---
20	---	---	26	6.7	7.8	15	42	3.0	0.00	---	---	---
21	---	---	28	5.5	7.0	12	21	2.4	0.00	---	---	---
22	---	---	18	5.3	6.9	9.9	14	1.9	0.00	---	---	---
23	---	---	15	5.7	6.0	8.5	11	1.6	0.00	---	---	---
24	---	---	32	5.5	5.9	7.2	8.8	1.5	0.00	---	---	---
25	---	---	53	4.6	5.9	7.7	7.1	1.5	0.00	---	---	---
26	---	---	28	4.3	6.0	458	6.0	1.3	0.00	---	---	---
27	---	---	21	5.0	5.7	63	5.0	1.1	0.00	---	---	---
28	---	---	59	40	8.7	46	4.3	0.84	0.00	---	---	---
29	---	---	33	32	---	49	3.8	0.67	0.00	---	---	---
30	---	---	22	19	---	26	3.4	0.77	0.00	---	---	---
31	---	---	16	14	---	19	---	0.52	---	---	---	---
<b>Mean</b>	---	---	67.0	29.6	7.44	52.1	31.1	104	0.06	---	---	---
<b>Max</b>	---	---	549	222	13	458	318	987	0.34	---	---	---
<b>Min</b>	---	---	7.2	4.3	4.8	7.2	3.4	0.52	0.00	---	---	---

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