

Water-Data Report 2007

03303205 SINKING CREEK NEAR LODIBURG, KY

Lower Ohio-Salt Basin
Blue-Sinking Subbasin

LOCATION.--Lat 37°52'06", long 86°23'16" referenced to North American Datum of 1927, Breckinridge County, KY, Hydrologic Unit 05140104, on bridge located 2.3 miles south of Lodiburg on County Road #86, 0.75 miles downstream from Boiling Spring.

DRAINAGE AREA.--125.0 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 27, 2004 to April 30, 2007 (discontinued).

GAGE.--Water-stage recorder with telemetry. Datum of gage is 410 feet above NGVD of 1929, (from topographic map).

COOPERATION.--Kentucky Department of Agriculture.

REMARKS.--Records rated fair.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	269	263	388	361	126	269	108	---	---	---	---	---
2	211	235	456	281	e118	930	102	---	---	---	---	---
3	170	200	233	226	e109	487	97	---	---	---	---	---
4	132	169	172	198	e99	320	503	---	---	---	---	---
5	112	147	143	217	e86	251	361	---	---	---	---	---
6	100	136	130	388	83	207	237	---	---	---	---	---
7	91	1,350	119	368	82	178	180	---	---	---	---	---
8	84	975	108	657	78	157	145	---	---	---	---	---
9	83	461	102	442	75	139	125	---	---	---	---	---
10	81	318	98	348	73	127	114	---	---	---	---	---
11	77	252	92	285	71	116	142	---	---	---	---	---
12	72	205	91	242	72	108	201	---	---	---	---	---
13	68	185	98	357	979	104	135	---	---	---	---	---
14	59	166	92	2,430	1,450	102	1,050	---	---	---	---	---
15	52	387	87	2,110	433	101	1,470	---	---	---	---	---
16	63	2,710	82	1,900	254	95	548	---	---	---	---	---
17	425	1,120	78	852	193	89	348	---	---	---	---	---
18	356	547	75	550	156	84	275	---	---	---	---	---
19	213	377	72	416	130	86	219	---	---	---	---	---
20	540	282	68	323	123	213	174	---	---	---	---	---
21	435	231	69	485	118	258	146	---	---	---	---	---
22	261	190	81	697	113	198	129	---	---	---	---	---
23	189	166	118	394	104	162	117	---	---	---	---	---
24	146	143	103	318	120	143	109	---	---	---	---	---
25	118	128	286	273	908	130	103	---	---	---	---	---
26	107	116	1,570	235	558	121	208	---	---	---	---	---
27	895	108	672	209	335	113	397	---	---	---	---	---
28	3,700	103	394	188	251	111	216	---	---	---	---	---
29	1,220	95	295	158	---	130	147	---	---	---	---	---
30	536	95	234	141	---	118	125	---	---	---	---	---
31	360	---	219	134	---	112	---	---	---	---	---	---
Mean	362	395	220	522	261	186	274	---	---	---	---	---
Max	3,700	2,710	1,570	2,430	1,450	930	1,470	---	---	---	---	---
Min	52	95	68	134	71	84	97	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	130	239	219	571	280	346	243	352	174	81.9	70.2	202
Max	362	395	414	728	330	452	274	496	348	133	102	551
(WY)	(2007)	(2007)	(2005)	(2005)	(2005)	(2006)	(2007)	(2006)	(2004)	(2006)	(2005)	(2006)
Min	10.3	15.1	21.9	463	250	186	219	209	42.5	31.7	39.0	16.0
(WY)	(2006)	(2006)	(2006)	(2006)	(2006)	(2007)	(2005)	(2005)	(2005)	(2005)	(2006)	(2004)

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SUMMARY STATISTICS

	Calendar Year 2006		Water Years 2004 - 2007	
Annual mean	311		235	
Highest annual mean			237	2005
Lowest annual mean			233	2006
Highest daily mean	5,440	May 26	5,440	May 26, 2006
Lowest daily mean	16	Sep 9	9.1	Nov 25, 2005
Annual seven-day minimum	17	Sep 3	9.5	Oct 26, 2005
Maximum peak flow			6,020	Sep 23, 2006
Maximum peak stage			24.72	Sep 23, 2006
10 percent exceeds	550		503	
50 percent exceeds	134		94	
90 percent exceeds	31		13	

