

Water-Data Report 2013

07138050 AMAZON GREAT EASTERN DITCH NEAR LAKIN, KS

Middle Arkansas Basin
Middle Arkansas-Lake McKinney Subbasin

LOCATION.--Lat 37°53'50", long 101°26'27" referenced to North American Datum of 1927, in SW ¼ NW ¼ NE ¼ sec.12, T.25 S., R.38 W., Kearny County, KS, Hydrologic Unit 11030001, about 0.45 mi downstream of the diversion structure on the Arkansas River and about 9.5 mi west and 2.3 mi south of Lakin.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 2004 to August 2010, July 2011 to September 2011 (seasonal records only) . Prior to October 2006, discharges less than 11 ft³/s have been found to be unreliable and should not be used.

GAGE.--Water-stage recorder and Parshall flume. Datum of gage is 3,075.55 ft above NGVD of 1929. May 1999 to March 2004, stage only gage at same site and datum.

REMARKS.--Records good. This ditch diverts water from the Arkansas River in Kansas for irrigation use. Because of a structural problem with the Parshall flume, daily discharge less than 11 ft³/s cannot be accurately measured. No daily discharges are published when this occurs. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 388 ft³/s (estimated), July 11, 2010; no flow many days each year.

07138050 AMAZON GREAT EASTERN DITCH NEAR LAKIN, KS—Continued

**DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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25	---	---	---	---	---	---	---	---	---	---	---	---
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30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---
Ac-ft	---	---	---	---	---	---	---	---	---	---	---	---