

NWS FORM E-19 (COVER)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

REPORT ON RIVER GAGE STATION

REVISED, PRINTED DATES: 08/22/2010, 08/22/2010

LOCATION: LOVEWELL DAM
STREAM: LOVEWELL RESERVOIR
BASIN: REPUBLICAN 9

HSA: GID

REFERENCES:

NWS E-19 9/6/99
USGS STATION DESCRIPTION 02-19-97
USGS STATION DESCRIPTION - 1/25/02 AND 2/10/2006
USGS WATER RESOURCE DATA MANUAL

ABBREVIATIONS:

BM	- bench mark	EPA	- Environmental Protection Agency
DS	- downstream	IBWC	- International Boundary and Water Comm.
US	- upstream	MSRC	- Mississippi River Commission
HW	- high water	MORC	- Missouri River Commission
LW	- low water	NOAA	- National Oceanic and Atmospheric Admin.
RB	- right bank	NOS	- National Ocean Survey
LB	- left bank	NWS	- National Weather Service
MGL	- mean gulf level	TVA	- Tennessee Valley Authority
MLW	- mean low water	USACE	- U.S. Army Corps of Engineers
MSL	- mean sea level	USBR	- U.S. Bureau of Reclamation
MLT	- mean low tide	USGS	- U.S. Geological Survey
MT	- mean tide	USWB	- U.S. Weather Bureau
WQ	- water quality	NGVD	- National Geodetic Vertical Datum
RM	- reference mark	NAD	- North American Datum
RP	- reference point		

LOCATION IDENTIFICATION: LOVK1
NWS INDEX NUMBER: 14-4857-02
USGS NUMBER: 06853900

MAP OF GAGE LOCATION

LATITUDE: 39 53 04
LONGITUDE: 98 01 41

SOURCE: USGS STATION DESCRIP

LOCATION: LOVEWELL RESERVOIR AT LOVEWELL DAM, KS
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GAGES

DCP

TELEM

NESS ID: 3457E552
 OWNER: USBR
 REPORT TIME: 0045
 INTERVAL: 240
 CRITERIA: PREV ID 1722F774

TYPE OF TELEMETRY:
 OWNER:
 PHONE NUMBER:
 INTERVAL:

PAYOR/COST OF LINE: / \$

GAGE TYPE	OWNER	MAINTENANCE	BEGAN	ENDED	GAGE LOCATION/REMARKS
wireweight	USBR	USBR	06/13/1957		OUTSIDE GAGE IS TYPE A WIREWEIGHT ON UPSTREAM SIDE OF FENCED SPILLWAY CONTROL AREA AT SOUTH END OF DAMM AND IMMEDIATELY UPSTREAM OF THE GATES.
bubble	USBR	USBR	06/15/1960	05/06/1975	MANOMETER AND GRAPHIC RECORDER IN RESERVOIR SUPERINTENDENT'S BUILDING AT NORTH END OF DAM.
bubble	USBR	USBR	04/11/1994		INSTALLED SUTRON 8004 DCP AND SHAFT ENCODER. CURRENT PRINCIPLE GAGE IS 8200 DCP READING WHICH IS SET TO AGREE WITH WIRE WEIGHT READING AT LOW ELEVATIONS.
tipping	USBR	USBR	09/14/1995		INSTALLED TIPPING-BUCKET RAINGAGE.

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HISTORY

PUBLICATION/LOCATION OF RECORDS -----	STARTING DATE -----	ENDING DATE -----
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TYPE OF GAGE -----	OWNER -----	STARTING DATE -----	ENDING DATE -----
wireweight	USBR	06/13/1957	
bubble	USBR	06/15/1960	05/06/1975
bubble	USBR	04/11/1994	
tipping	USBR	09/14/1995	

ZERO ELEVATION -----	STARTING DATE -----
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LOW WATER RECORDS

DATE OF LOW WATER	STAGE (ft)	FLOW (CFS)	REMARKS
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RIVER STAGE DATA

1600-	

1598-	

1596-	

-----	1595.38 07/22/1993

1594-	

1592-	

1590-	

1588-	

1586-	
-----	1585.82 05/17/1986

1584-	

1582-	

1580-	

REACH:

ELEVATION ZERO: 1616.00

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CONTACTS

SQ	CONTACT/REMARKS	PHONE
1	DAM OPERATOR	785-753-4444
	DAM OPERATORS ARE THE OBSERVERS. ADDRESS: U.S. BUREAU OF RECLAMATION RT 1 BOX 70 WEBBER, KS 66970 KEN GARST SUPERINTENDENT	
2	BUREAU OF RECLAMATION	308-345-1044

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