



RESERVOIR OPERATION AND SYSTEM STATUS FOR JUNE 2009

HIGHLIGHTS – The Ohio River at Cairo began the month at a stage of 35.35 feet. The Cairo stage fell to a low of 28.35 feet on the 12th of the month, by the end of the month Cairo was at 29.32 feet. Flood stage at Cairo is 40 feet.

WEATHER – Precipitation was above normal in southern Ohio, most of Kentucky, central Indiana, and eastern Illinois. Precipitation was below normal in most other areas. Precipitation departures ranged from 1.90 inches below normal at Evansville, Indiana to 5.46 inches above normal at Louisville, Kentucky. Major rainfall events comprised of periods of showers and thunderstorms throughout the month. The most significant events were on the 3rd through the 5th, the 10th through the 13th and the 25th through the 26th.

Temperature departures ranged from below normal in the north to above normal in the south. These departures from normal ranged from 0.2 degrees below normal at Pittsburgh, PA to 2.8 degrees above normal at Nashville, TN.

TEMPERATURE AND PRECIPITATION – JUNE 2009

STATION	TEMPERATURE		PRECIPITATION	
	OBSERVED DEGREES F	DEPARTURE FROM NORMAL	OBSERVED INCHES	DEPARTURE FROM NORMAL
Pittsburgh, PA	68.2	-0.2	4.42	+0.30
Charleston, WV	71.6	+1.7	4.65	+0.56
Columbus, OH	72.2	+1.0	3.44	-0.64
Cincinnati, OH	72.7	+0.7	7.33	+2.91
Louisville, KY	75.5	+1.3	9.22	+5.46
Indianapolis, IN	73.4	+1.7	6.60	+2.47
Evansville, IN	76.9	+2.1	2.20	-1.90
Nashville, TN	77.9	+2.8	4.53	+0.45

STREAMFLOW – The monthly average flows in June ranged from a low of 110% of normal at Pittsburgh, PA to a high of 141% of normal at Evansville, IN. Daily flows ranged from a low of 41% of normal at Pittsburgh, PA to a high of 197% of normal also at Pittsburgh, PA. The following table presents the flow data summary for the Ohio River Index Stations:

FLOW DATA – JUNE 2009

STATION	AVERAGE MONTHLY FLOW CUBIC FEET/SECOND	PERCENT LONG-TERM NORMAL		
		MONTHLY	DAILY	
			HIGH	LOW
Pittsburgh, PA	26,000	110	197	41
Huntington, WV	69,000	121	189	60
Cincinnati, OH	94,000	125	171	56

Louisville, KY	112,000	140	185	77
Evansville, IN	140,000	141	193	68
Paducah, KY	261,000	135	168	98

RESERVOIRS – June began with 3.1% utilization of the total system flood control storage and ended the month at 1.8%. System-wide augmentation storage availability began the month at 99.2% and was at 99.3% by the end of the month.

The following table depicts storage change by tributary reservoir subsystem for June:

CHANGE IN STORAGE TRIBUTARY-RESERVOIR SUBSYSTEM	(ACRE-FEET)
Allegheny-Monongahela-Beaver	-40,400
Muskingum-Little Kanawha-Hocking-Kanawha-Guyandotte	+34,100
Twelvepole-Big Sandy-Little Sandy-Scioto	-1,400
Little Miami-Licking-Mill Creek-Great Miami	+4,800
Kentucky-Salt-Green-Wabash	-163,700
Cumberland	+39,800
TOTAL	-126,800

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