

KANAWHA RIVER BASIN

03169000 CLAYTOR RESERVOIR NEAR RADFORD, VA

LOCATION.--Lat 37°04'28", long 80°35'05", Pulaski County, Hydrologic Unit 05050001, at Claytor Dam on New River, 0.5 mi upstream from Little River, and 5.5 mi upstream from Radford.

DRAINAGE AREA.--2,382 mi².

PERIOD OF RECORD.--May 1939 to current year (monthly figures only).

REVISED RECORDS.--WSP 2108: 1961-65 monthend contents and change in contents.

GAGE.--Water-stage recorder. Datum of gage is approximately at sea level (levels by Appalachian Power Company). Prior to Sep. 11, 1943, nonrecording gage at same site and datum.

REMARKS.--Reservoir is formed by gravity overflow concrete dam. Spillway with crest at elevation 1,818.5 ft is equipped with 9 lift gates 30 ft high by 50 ft wide. Dam completed and storage began May 22, 1939; water in reservoir reached minimum pool elevation in January 1940. Total level-pool capacity at elevation 1,847.0 ft, 1.5 ft below top of gates, is 230,100 acre-ft of which about 100,000 acre-ft is controlled storage above minimum pool elevation of 1,820.0 ft. Reservoir is used for hydroelectric power and recreation. U.S. Army Corps of Engineers satellite elevation telemeter at station.

COOPERATION.--Records were provided by the American Electric Power.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30.....	1,845.62	223,900	-
Oct. 31.....	1,845.76	224,500	+600
Nov. 30.....	1,841.17	204,800	-19,700
Dec. 31.....	1,845.29	222,500	+17,700
CAL YR 1998.....			+800
Jan. 31.....	1,845.66	224,100	+1,600
Feb. 28.....	1,845.55	223,600	-500
Mar. 31.....	1,845.00	221,200	-2,400
Apr. 30.....	1,845.33	222,600	+1,400
May 31.....	1,845.85	224,900	+2,300
Jun. 30.....	1,845.96	225,300	+400
Jul. 31.....	1,845.96	225,300	0
Aug. 31.....	1,845.06	221,500	-3,800
Sep. 30.....	1,845.82	224,700	+3,200
WTR YR 1999.....			+800

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