

Reservoir	All Elev (NAVD88) 7am Readings	Observed	Forecast				
		22-Oct-2018	23-Oct-2018	24-Oct-2018	25-Oct-2018	26-Oct-2018	27-Oct-2018
Allegheny	Pool Elev	1319.92	1320.42	1320.83	1321.18	1320.89	1320.23
	Outflow (cfs)	1490	1490	1490	1490	6598	6599
Tionesta	Pool Elev	1089.19	1089.47	1089.61	1089.62	1089.52	1089.81
	Outflow (cfs)	445	445	445	445	445	290
Union City	Pool Elev	1237.38	1238.33	1237.73	1236.92	1235.76	1234.28
	Outflow (cfs)	947	800	600	570	542	516
Woodcock	Pool Elev	1179.33	1178.91	1178.44	1178.29	1178.13	1177.93
	Outflow (cfs)	140	140	140	75	75	75
East Branch	Pool Elev	1623.35	1623.30	1623.17	1623.06	1622.94	1622.80
	Outflow (cfs)	100	100	100	90	90	90
Mahoning	Pool Elev	1096.41	1094.81	1092.32	1091.65	1090.96	1090.68
	Outflow (cfs)	410	630	630	330	330	260
Crooked Creek	Pool Elev	843.33	843.15	843.35	843.47	843.54	843.59
	Outflow (cfs)	260	260	120	120	120	120
Conemaugh	Pool Elev	905.89	905.94	904.98	905.23	905.31	905.17
	Outflow (cfs)	2820	2820	2820	1700	1700	1700
Loyalhanna	Pool Elev	922.99	922.60	922.56	922.83	922.87	923.28
	Outflow (cfs)	870	870	560	380	380	270
Stonewall Jackson	Pool Elev	1070.69	1070.65	1070.57	1070.48	1070.45	1070.42
	Outflow (cfs)	250	250	250	250	130	130
Tygart	Pool Elev	1076.11	1077.09	1076.70	1075.39	1075.24	1074.80
	Outflow (cfs)	3100	3100	3100	3100	1800	1850
Youghiogheny	Pool Elev	1437.79	1437.60	1437.30	1437.25	1437.19	1437.09
	Outflow (cfs)	1217	1230	1230	700	700	700
Michael J. Kirwan	Pool Elev	980.22	980.20	980.19	980.17	980.15	980.13
	Outflow (cfs)	50	50	50	50	50	50
Berlin	Pool Elev	1016.05	1016.02	1015.98	1015.93	1015.94	1015.95
	Outflow (cfs)	35	110	110	110	35	35
Lake Milton	Pool Elev	946.15	946.10	946.06	946.01	945.96	945.91
	Outflow (cfs)	150	150	150	150	80	80
Mosquito	Pool Elev	898.83	898.85	898.85	898.85	898.85	898.85
	Outflow (cfs)	20	20	20	20	20	20
Shenango	Pool Elev	895.12	895.17	895.09	895.11	895.13	895.13
	Outflow (cfs)	540	540	540	230	230	230

Reservoir	Flood Storage				Normal Capacity This Date	Conservation Storage		
	Current Capacity Used	Ac-ft of Space Used	Ac-ft of Space Available	Inches of Runoff Available		Current Capacity Available	Ac-ft of Water Available	Inches of Runoff to 100%
Allegheny	3%	24547	693096	6.0	93%	100%	461904	0.0
Tionesta	2%	2352	119883	4.7	N/A	N/A	2352	N/A
Union City	7%	3148	44504	3.8	N/A	N/A	3148	N/A
Woodcock	1%	219	15396	6.3	79%	100%	3644	0.0
East Branch	1%	364	59788	15.5	77%	100%	23444	0.0
Mahoning	1%	500	64868	3.6	100%	100%	4832	0.0
Crooked Creek	2%	1819	86531	5.9	N/A	N/A	1819	N/A
Conemaugh	2%	3948	242222	3.4	N/A	N/A	3948	N/A
Loyalhanna	3%	2902	87878	5.7	N/A	N/A	2902	N/A
Stonewall Jackson	1%	389	31173	5.8	86%	100%	40357	0.0
Tygart	1%	1770	206400	3.3	79%	100%	72000	0.0
Youghiogheny	0%	0	100301	4.3	43%	99%	145257	0.1
Michael J. Kirwan	0%	0	33991	7.8	90%	98%	40909	0.2
Berlin	1%	320	53711	4.0	85%	100%	31344	0.0
Lake Milton	0%	0	7776	5.4	97%	96%	19324	0.6
Mosquito	0%	0	34970	6.7	86%	96%	62085	0.5
Shenango	1%	1627	148773	4.7	76%	100%	31527	0.0

Reservoir	Pool Elevations (NAVD88)			
	Minimum Pool	Winter Max Pool	Summer Max Pool	Full Pool
Allegheny	1239.40	1304.78	1327.53	1364.51
Tionesta	1084.57			1169.57
Union City	1209.70			1277.70
Woodcock	1161.86	1164.84	1180.35	1208.37
East Branch	1554.78	1622.78	1649.78	1684.78
Mahoning	1074.28		1097.14	1161.14
Crooked Creek	837.43			917.43
Conemaugh	899.22			974.22
Loyalhanna	909.52			974.52
Stonewall Jackson	1037.84	1067.53	1072.53	1081.33
Tygart	1009.45	1039.45	1093.45	1166.45
Youghiogheny	1343.35	1418.35	1438.35	1469.35
Michael J. Kirwan	950.51	980.56	985.06	992.55
Berlin	979.31	1015.91	1024.01	1031.31
Lake Milton	929.43	939.43	947.43	950.43
Mosquito	880.33	899.23	900.73	903.33
Shenango	883.68	886.67	894.67	917.67

Flood Storage Used	
District-wide	2.1%
Allegheny Basin	2.7%
Monongahela Basin	0.6%
Beaver Basin	0.7%

Conservation Storage Available	
District-wide	99.4%
Allegheny Basin	100.0%
Monongahela Basin	99.4%
Beaver Basin	97.7%

Basin	Snow Report	
	Snow Depth (inches)	Water Content (inches)
Upper Ally.	0.0	0.0
Lower Ally.	0.0	0.0
Upper Mon.	0.0	0.0
Lower Mon.	0.0	0.0
Beaver	0.0	0.0
Ohio	0.0	0.0

U.S. Army Corps of Engineers: <http://www.usace.army.mil/>
Pittsburgh District: <http://www.lrp.usace.army.mil/>
Water Management: <http://www.lrp.usace.army.mil/Missions/WaterManagement.aspx>

NOTES

This forecast represents current models of reservoir project pool elevations and releases for the next five days.

Final decisions on all operations (changes in project release) are made on the day of the operation, and may be changed without notice.

Minimum Pool - the minimum pool elevation for the project.
Winter Max Pool - the maximum winter Guide Curve elevation for the project.
Summer Max Pool - the maximum summer Guide Curve elevation for the project.
Full Pool - the elevation of the pool at maximum flood control storage.

The winter and summer pool levels are part of the overall Guide Curve for each lake, which is the maximum level maintained at each lake throughout the year.

Guide Curves are shown on the plots posted here:
<http://www.lrp.usace.army.mil/Portals/72/docs/WaterManagement/Reservoir%20Plots.pdf>

"Flood Storage Capacity Used" is the amount of the lake's floodwater storage which is already filled. The lake volume between Guide Curve and Full Pool is the amount of "empty space" that is supposed to be kept available for storing floodwater.

Conservation storage is the water in each lake below the Guide Curve and above Minimum Pool. Conservation storage is for a variety of purposes, varying from lake to lake, and can include purposes such as water quality control, fish and wildlife, navigation, water supply, recreation, etc. Some lakes have no allocated conservation storage.

This file is usually updated daily by noon Eastern Time

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