

Reservoir	All Elev (NAVD88) 7am Readings	Observed	Forecast				
		17-Aug-2022	18-Aug-2022	19-Aug-2022	20-Aug-2022	21-Aug-2022	22-Aug-2022
Allegheny	Pool Elev	1319.83	1319.60	1319.36	1319.12	1318.87	1318.63
	Outflow (cfs)	1570	1570	1570	1570	1570	1570
Tionesta	Pool Elev	1089.74	1089.69	1089.62	1089.54	1089.45	1089.43
	Outflow (cfs)	90	90	90	90	90	65
Union City	Pool Elev	1218.15	1218.01	1217.83	1217.69	1217.50	1217.34
	Outflow (cfs)	30	27	26	24	23	22
Woodcock	Pool Elev	1178.57	1178.52	1178.47	1178.40	1178.32	1178.23
	Outflow (cfs)	35	35	35	35	35	35
East Branch	Pool Elev	1645.87	1645.43	1644.99	1644.55	1644.10	1643.65
	Outflow (cfs)	180	190	190	190	190	190
Mahoning	Pool Elev	1098.86	1098.74	1098.61	1098.64	1098.67	1098.69
	Outflow (cfs)	65	65	65	40	40	40
Crooked Creek	Pool Elev	843.50	843.53	843.54	843.55	843.54	843.53
	Outflow (cfs)	50	50	50	50	50	50
Conemaugh	Pool Elev	904.13	904.82	905.32	905.14	904.86	904.49
	Outflow (cfs)	350	350	350	560	560	560
Loyalhanna	Pool Elev	922.66	922.82	922.94	923.03	923.09	923.13
	Outflow (cfs)	55	55	55	55	55	55
Stonewall Jackson	Pool Elev	1072.61	1072.63	1072.64	1072.64	1072.63	1072.62
	Outflow (cfs)	40	40	40	40	40	40
Tygart	Pool Elev	1096.60	1095.49	1095.62	1095.35	1096.15	1096.70
	Outflow (cfs)	3450	3450	1900	1900	650	650
Youghiogheny	Pool Elev	1427.25	1426.82	1426.38	1425.93	1425.47	1425.00
	Outflow (cfs)	750	750	750	750	750	750
Michael J. Kirwan	Pool Elev	982.42	982.37	982.31	982.26	982.21	982.16
	Outflow (cfs)	55	65	65	65	65	65
Berlin	Pool Elev	1022.54	1022.50	1022.45	1022.40	1022.34	1022.28
	Outflow (cfs)	100	100	100	100	100	100
Lake Milton	Pool Elev	947.39	947.40	947.41	947.42	947.44	947.45
	Outflow (cfs)	90	90	90	90	90	90
Mosquito	Pool Elev	899.59	899.58	899.56	899.55	899.54	899.53
	Outflow (cfs)	25	25	25	25	25	25
Shenango	Pool Elev	893.55	893.48	893.39	893.31	893.22	893.12
	Outflow (cfs)	260	260	260	260	260	260

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	0%	0	693956	6.0	94%	84%	461044	0.8
Tionesta	2%	2656	119579	4.7	N/A	N/A	2656	N/A
Union City	0%	120	47532	4.0	N/A	N/A	120	N/A
Woodcock	0%	0	15640	6.4	98%	86%	3400	0.2
East Branch	0%	0	43086	11.2	100%	82%	40146	2.3
Mahoning	1%	494	64181	3.5	100%	100%	5519	0.0
Crooked Creek	2%	1882	86468	5.9	N/A	N/A	1882	N/A
Conemaugh	1%	2214	242702	3.4	N/A	N/A	2214	N/A
Loyalhanna	3%	2729	88051	5.7	N/A	N/A	2729	N/A
Stonewall Jackson	1%	213	26267	4.9	92%	100%	45263	0.0
Tygart	3%	5581	172769	2.7	95%	100%	105632	0.0
Youghiogheny	0%	0	128706	5.6	81%	80%	116853	1.3
Michael J. Kirwan	0%	0	28279	6.6	85%	87%	46171	1.6
Berlin	0%	0	36071	2.7	100%	91%	48984	0.4
Lake Milton	0%	0	5620	3.9	100%	100%	21480	0.0
Mosquito	0%	0	29853	5.7	84%	89%	67202	1.6
Shenango	0%	0	154282	4.9	93%	87%	26018	0.1

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	1650.78	1669.78	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	0.9%
Allegheny Basin	0.8%
Monongahela Basin	1.9%
Beaver Basin	0.0%

Conservation Storage Available	
District-wide	86.7%
Allegheny Basin	84.0%
Monongahela Basin	89.8%
Beaver Basin	89.7%

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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