

Reservoir	All Elev (NAVD88) 7am Readings	Observed	Forecast				
		7-Sep-2023	8-Sep-2023	9-Sep-2023	10-Sep-2023	11-Sep-2023	12-Sep-2023
Allegheny	Pool Elev	1323.40	1323.26	1323.12	1322.98	1322.98	1322.98
	Outflow (cfs)	1350	1350	1350	1350	1350	1350
Tionesta	Pool Elev	1090.71	1090.99	1091.20	1091.35	1091.35	1091.35
	Outflow (cfs)	155	155	130	130	130	105
Union City	Pool Elev	1210.42	1210.36	1210.30	1210.25	1210.25	1210.25
	Outflow (cfs)	70	67	63	60	57	54
Woodcock	Pool Elev	1181.20	1181.22	1181.25	1181.26	1181.26	1181.26
	Outflow (cfs)	10	10	10	10	10	10
East Branch	Pool Elev	1643.15	1642.82	1642.49	1642.17	1642.17	1642.17
	Outflow (cfs)	170	190	190	190	190	190
Mahoning	Pool Elev	1098.84	1098.91	1098.93	1098.92	1098.92	1098.92
	Outflow (cfs)	70	70	70	70	70	70
Crooked Creek	Pool Elev	844.30	844.54	844.76	844.94	844.94	844.94
	Outflow (cfs)	90	115	115	115	115	70
Conemaugh	Pool Elev	903.83	903.52	903.13	902.66	902.66	902.66
	Outflow (cfs)	450	450	350	350	350	350
Loyalhanna	Pool Elev	922.68	922.55	922.41	922.27	922.27	922.27
	Outflow (cfs)	95	95	95	95	95	75
Stonewall Jackson	Pool Elev	1070.09	1070.04	1070.00	1069.95	1069.91	1069.86
	Outflow (cfs)	55	55	55	55	55	55
Tygart	Pool Elev	1092.67	1091.96	1091.21	1090.43	1089.62	1088.83
	Outflow (cfs)	970	970	970	970	970	970
Youghiogheny	Pool Elev	1417.95	1417.37	1416.70	1416.00	1415.33	1414.68
	Outflow (cfs)	680	680	800	800	750	750
Michael J. Kirwan	Pool Elev	978.73	978.63	978.50	978.37	978.23	978.08
	Outflow (cfs)	175	175	175	175	175	175
Berlin	Pool Elev	1018.60	1018.49	1018.39	1018.28	1018.17	1018.07
	Outflow (cfs)	125	140	140	140	140	140
Lake Milton	Pool Elev	947.41	947.41	947.41	947.41	947.41	947.41
	Outflow (cfs)	140	140	140	140	140	140
Mosquito	Pool Elev	899.40	899.39	899.37	899.36	899.35	899.33
	Outflow (cfs)	25	25	25	25	25	25
Shenango	Pool Elev	895.50	895.45	895.40	895.33	895.26	895.19
	Outflow (cfs)	270	270	270	270	270	270

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	654993	5.6	89%	91%	500007	0.4
Tionesta	2%	2668	119567	4.7	N/A	N/A	2668	N/A
Union City	0%	88	47564	4.0	N/A	N/A	88	N/A
Woodcock	2%	238	14832	6.1	94%	100%	4208	0.0
East Branch	0%	0	45547	11.8	100%	85%	37685	1.8
Mahoning	1%	471	64204	3.5	100%	100%	5496	0.0
Crooked Creek	2%	2030	86320	5.8	N/A	N/A	2030	N/A
Conemaugh	1%	1985	242931	3.4	N/A	N/A	1985	N/A
Loyalhanna	3%	2850	87930	5.7	N/A	N/A	2850	N/A
Stonewall Jackson	0%	0	32645	6.1	87%	86%	38885	1.1
Tygart	0%	0	179648	2.8	87%	99%	98753	0.0
Youghiogheny	0%	0	151153	6.5	69%	64%	94405	2.3
Michael J. Kirwan	0%	0	37336	8.6	80%	71%	37564	3.5
Berlin	0%	0	47409	3.6	100%	70%	37646	1.2
Lake Milton	0%	0	5585	3.9	100%	100%	21515	0.0
Mosquito	4%	1154	31166	6.0	93%	100%	65889	0.0
Shenango	2%	3003	147397	4.7	88%	100%	32903	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	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	0.8%
Allegheny Basin	0.8%
Monongahela Basin	0.0%
Beaver Basin	1.7%

Conservation Storage Available	
District-wide	86.9%
Allegheny Basin	90.8%
Monongahela Basin	79.5%
Beaver Basin	85.8%

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

[LRP.WaterManagement@usace.army.mil](mailto:LRP.WaterManagement@usace.army.mil)