

Reservoir	All Elev (NAVD88) 7am Readings	Observed	Forecast				
		31-Jul-2023	1-Aug-2023	2-Aug-2023	3-Aug-2023	4-Aug-2023	5-Aug-2023
Allegheny	Pool Elev	1326.08	1326.03	1325.97	1325.89	1325.81	1325.71
	Outflow (cfs)	1300	1300	1300	1300	1300	1300
Tionesta	Pool Elev	1089.49	1089.15	1089.27	1089.35	1089.36	1089.31
	Outflow (cfs)	610	315	170	170	170	170
Union City	Pool Elev	1224.37	1222.51	1222.05	1221.88	1221.45	1220.84
	Outflow (cfs)	340	200	140	133	126	120
Woodcock	Pool Elev	1184.92	1184.48	1184.03	1183.51	1182.92	1182.74
	Outflow (cfs)	140	170	170	170	170	80
East Branch	Pool Elev	1653.56	1653.28	1653.00	1652.71	1652.42	1652.14
	Outflow (cfs)	120	140	140	140	140	140
Mahoning	Pool Elev	1102.25	1101.71	1100.99	1100.14	1099.18	1098.84
	Outflow (cfs)	190	260	260	260	260	150
Crooked Creek	Pool Elev	848.92	848.42	847.44	846.24	844.85	844.48
	Outflow (cfs)	90	470	470	470	470	195
Conemaugh	Pool Elev	908.52	908.04	907.16	906.09	905.67	905.52
	Outflow (cfs)	1210	1210	1210	1210	810	660
Loyalhanna	Pool Elev	922.60	922.68	922.73	922.71	922.64	922.65
	Outflow (cfs)	235	120	120	120	120	90
Stonewall Jackson	Pool Elev	1070.84	1070.80	1070.76	1070.71	1070.66	1070.62
	Outflow (cfs)	75	75	75	75	75	75
Tygart	Pool Elev	1098.40	1098.10	1097.31	1096.34	1096.00	1095.62
	Outflow (cfs)	985	1730	1730	1730	985	985
Youghiogheny	Pool Elev	1429.80	1429.60	1429.44	1429.28	1429.11	1428.75
	Outflow (cfs)	361	360	300	300	300	600
Michael J. Kirwan	Pool Elev	979.02	978.95	978.89	978.82	978.75	978.69
	Outflow (cfs)	80	80	80	80	80	80
Berlin	Pool Elev	1018.65	1018.61	1018.56	1018.49	1018.42	1018.34
	Outflow (cfs)	130	130	120	120	120	120
Lake Milton	Pool Elev	947.47	947.48	947.48	947.48	947.48	947.48
	Outflow (cfs)	120	120	120	120	120	120
Mosquito	Pool Elev	899.76	899.75	899.73	899.72	899.71	899.70
	Outflow (cfs)	25	25	25	25	25	25
Shenango	Pool Elev	895.50	895.61	895.66	895.68	895.66	895.61
	Outflow (cfs)	240	430	430	430	430	430

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	623681	5.4	97%	97%	531319	0.1
Tionesta	2%	2545	119690	4.7	N/A	N/A	2545	N/A
Union City	1%	618	47034	4.0	N/A	N/A	618	N/A
Woodcock	11%	1666	13404	5.5	100%	100%	5636	0.0
East Branch	0%	0	36078	9.3	100%	89%	47154	1.6
Mahoning	2%	1551	63124	3.5	100%	100%	6576	0.0
Crooked Creek	5%	4498	83852	5.7	N/A	N/A	4498	N/A
Conemaugh	2%	5870	239046	3.3	N/A	N/A	5870	N/A
Loyalhanna	3%	2711	88069	5.7	N/A	N/A	2711	N/A
Stonewall Jackson	0%	0	30800	5.7	95%	90%	40730	0.8
Tygart	5%	8712	169638	2.7	98%	100%	108762	0.0
Youghiogheny	0%	0	122086	5.3	89%	84%	123472	1.0
Michael J. Kirwan	0%	0	36713	8.4	89%	72%	38187	3.4
Berlin	0%	0	47311	3.6	100%	70%	37744	1.2
Lake Milton	1%	72	5478	3.8	100%	100%	21622	0.0
Mosquito	0%	0	28647	5.5	89%	90%	68408	1.4
Shenango	2%	3003	147397	4.7	98%	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	1.7%
Allegheny Basin	1.5%
Monongahela Basin	2.9%
Beaver Basin	1.3%

Conservation Storage Available	
District-wide	92.2%
Allegheny Basin	96.2%
Monongahela Basin	90.5%
Beaver Basin	83.7%

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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