

Reservoir	All Elev (NAVD88) 7AM Readings	Observed	Forecast				
		7-Dec-2023	8-Dec-2023	9-Dec-2023	10-Dec-2023	11-Dec-2023	12-Dec-2023
Allegheny	Pool Elev	1306.85	1306.14	1305.32	1305.00	1304.71	1304.30
	Outflow (cfs)	7246	7244	7246	5198	5198	5198
Tionesta	Pool Elev	1093.97	1093.30	1092.47	1091.39	1090.09	1088.57
	Outflow (cfs)	935	935	935	935	935	935
Union City	Pool Elev	1247.07	1246.07	1245.44	1245.00	1244.61	1244.33
	Outflow (cfs)	944	816	744	662	562	462
Woodcock	Pool Elev	1164.82	1164.23	1164.23	1164.24	1164.21	1164.15
	Outflow (cfs)	114	80	35	35	35	35
East Branch	Pool Elev	1629.28	1629.67	1630.06	1630.36	1630.56	1630.71
	Outflow (cfs)	36	36	36	36	36	36
Mahoning	Pool Elev	1090.28	1089.02	1086.86	1084.02	1080.61	1079.48
	Outflow (cfs)	1128	800	800	800	800	500
Crooked Creek	Pool Elev	845.61	845.14	844.62	843.87	842.94	841.78
	Outflow (cfs)	790	400	400	400	400	400
Conemaugh	Pool Elev	908.99	908.06	906.70	905.02	904.80	904.46
	Outflow (cfs)	1876	1876	1876	1680	1010	1010
Loyalhanna	Pool Elev	920.04	919.55	918.96	919.09	919.17	919.14
	Outflow (cfs)	345	240	180	95	95	95
Stonewall Jackson	Pool Elev	1068.83	1068.77	1068.70	1068.62	1068.54	1068.44
	Outflow (cfs)	139	139	139	139	139	139
Tygart	Pool Elev	1046.12	1044.01	1041.40	1040.37	1039.20	1038.69
	Outflow (cfs)	2554	2554	2554	1400	1400	900
Youghiogheny	Pool Elev	1405.96	1405.94	1405.97	1405.92	1405.81	1405.64
	Outflow (cfs)	479	479	479	479	479	479
Michael J. Kirwan	Pool Elev	976.02	976.03	976.04	976.04	976.04	976.04
	Outflow (cfs)	32	32	32	32	32	32
Berlin	Pool Elev	1015.92	1015.96	1015.96	1015.96	1015.94	1015.93
	Outflow (cfs)	33	33	65	65	65	65
Lake Milton	Pool Elev	939.87	939.79	939.76	939.73	939.71	939.68
	Outflow (cfs)	84	84	84	84	84	84
Mosquito	Pool Elev	898.76	898.74	898.73	898.71	898.70	898.68
	Outflow (cfs)	31	31	31	31	31	31
Shenango	Pool Elev	888.05	887.87	887.58	887.42	887.22	886.99
	Outflow (cfs)	776	776	776	540	540	540

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	2%	18532	820468	7.1	100%	100%	334532	0.0
Tionesta	4%	5230	117005	4.6	N/A	N/A	5230	N/A
Union City	15%	6970	40682	3.4	N/A	N/A	6970	N/A
Woodcock	0%	0	18651	7.7	100%	100%	389	0.0
East Branch	0%	0	55904	14.5	87%	61%	27328	4.5
Mahoning	5%	3263	66437	3.7	100%	100%	3263	0.0
Crooked Creek	3%	2829	85521	5.8	N/A	N/A	2829	N/A
Conemaugh	3%	6319	238597	3.3	N/A	N/A	6319	N/A
Loyalhanna	2%	1586	89194	5.8	N/A	N/A	1586	N/A
Stonewall Jackson	5%	1758	35649	6.6	98%	100%	35881	0.0
Tygart	0%	595	245678	3.9	100%	100%	32722	0.0
Youghiogheny	0%	0	176365	7.6	62%	73%	69193	1.1
Michael J. Kirwan	0%	0	43051	9.9	93%	76%	31849	2.3
Berlin	0%	0	54054	4.1	75%	100%	31001	0.0
Lake Milton	0%	0	17396	12.1	100%	90%	9704	0.7
Mosquito	0%	0	35497	6.8	89%	95%	61558	0.6
Shenango	0%	0	170565	5.4	100%	92%	9735	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	2.0%
Allegheny Basin	2.9%
Monongahela Basin	0.5%
Beaver Basin	0.0%

Conservation Storage Available	
District-wide	91.5%
Allegheny Basin	95.2%
Monongahela Basin	83.9%
Beaver Basin	90.6%

Basin	Snow Report	
	Snow Depth (inches)	Water Content (inches)
Upper Ally.	0.6	0.1
Lower Ally.	0.0	0.0
Upper Mon.	0.6	0.1
Lower Mon.	0.8	0.1
Beaver	0.0	0.0
Ohio	0.1	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 PMount of the lake's floodwater storage which is already filled. The lake volume between Guide Curve and Full Pool is the PMount 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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