

Reservoir	All Elev (NAVD88) 7am Readings	Observed	Forecast				
		25-May-2023	26-May-2023	27-May-2023	28-May-2023	29-May-2023	30-May-2023
Allegheny	Pool Elev	1329.50	1329.44	1329.38	1329.29	1329.20	1329.10
	Outflow (cfs)	1400	1400	1400	1400	1400	1400
Tionesta	Pool Elev	1088.96	1089.03	1089.43	1089.81	1090.17	1090.50
	Outflow (cfs)	355	200	105	105	105	105
Union City	Pool Elev	1220.65	1220.46	1220.23	1219.97	1219.71	1219.45
	Outflow (cfs)	90	86	81	77	73	70
Woodcock	Pool Elev	1180.90	1180.87	1180.83	1180.79	1180.75	1180.71
	Outflow (cfs)	15	15	15	15	15	15
East Branch	Pool Elev	1669.57	1669.48	1669.38	1669.29	1669.19	1669.09
	Outflow (cfs)	85	85	85	85	85	85
Mahoning	Pool Elev	1099.14	1099.28	1099.76	1100.21	1099.68	1099.54
	Outflow (cfs)	235	155	100	100	180	180
Crooked Creek	Pool Elev	843.69	843.53	843.35	843.32	843.30	843.27
	Outflow (cfs)	110	110	110	75	75	75
Conemaugh	Pool Elev	903.28	903.32	903.33	903.28	903.40	903.49
	Outflow (cfs)	970	760	760	760	680	680
Loyalhanna	Pool Elev	922.62	922.63	922.69	922.72	922.73	922.73
	Outflow (cfs)	120	120	100	100	100	100
Stonewall Jackson	Pool Elev	1072.54	1072.51	1072.49	1072.46	1072.43	1072.40
	Outflow (cfs)	40	40	40	40	40	40
Tygart	Pool Elev	1096.35	1095.88	1095.33	1094.72	1094.06	1093.38
	Outflow (cfs)	1015	1015	1015	1015	1015	1015
Youghiogheny	Pool Elev	1440.21	1440.03	1439.74	1439.38	1439.02	1438.80
	Outflow (cfs)	361	360	600	600	600	285
Michael J. Kirwan	Pool Elev	984.65	984.63	984.58	984.51	984.45	984.38
	Outflow (cfs)	35	35	90	90	90	90
Berlin	Pool Elev	1023.78	1023.74	1023.70	1023.65	1023.60	1023.55
	Outflow (cfs)	90	90	90	90	90	90
Lake Milton	Pool Elev	947.75	947.61	947.59	947.57	947.55	947.54
	Outflow (cfs)	220	220	105	105	105	105
Mosquito	Pool Elev	900.64	900.62	900.60	900.59	900.57	900.55
	Outflow (cfs)	30	50	50	50	50	50
Shenango	Pool Elev	895.41	895.36	895.30	895.25	895.19	895.13
	Outflow (cfs)	285	285	285	285	285	285

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	4%	24181	582219	5.0	100%	100%	572781	0.0
Tionesta	2%	2221	120014	4.7	N/A	N/A	2221	N/A
Union City	1%	263	47389	4.0	N/A	N/A	263	N/A
Woodcock	1%	187	14883	6.1	100%	100%	4157	0.0
East Branch	0%	0	19191	5.0	100%	100%	64041	0.1
Mahoning	3%	1756	64091	3.5	100%	100%	5609	0.0
Crooked Creek	2%	1969	86381	5.8	N/A	N/A	1969	N/A
Conemaugh	1%	1735	243181	3.4	N/A	N/A	1735	N/A
Loyalhanna	3%	2716	88064	5.7	N/A	N/A	2716	N/A
Stonewall Jackson	0%	27	26453	4.9	100%	100%	45077	0.0
Tygart	3%	5167	173183	2.7	100%	100%	105217	0.0
Youghiogheny	5%	5330	93479	4.0	100%	100%	152079	0.0
Michael J. Kirwan	0%	0	23048	5.3	100%	98%	51852	0.2
Berlin	0%	0	32005	2.4	100%	99%	53050	0.1
Lake Milton	11%	594	4956	3.4	100%	100%	22144	0.0
Mosquito	0%	0	22127	4.3	100%	99%	74928	0.1
Shenango	2%	2678	147722	4.7	100%	100%	32578	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	2.7%
Allegheny Basin	2.7%
Monongahela Basin	3.5%
Beaver Basin	1.4%

Conservation Storage Available	
District-wide	99.8%
Allegheny Basin	100.0%
Monongahela Basin	100.0%
Beaver Basin	98.9%

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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