

Reservoir	All Elev (NAVD88) 7am Readings	Observed	Forecast				
		8-Mar-2023	9-Mar-2023	10-Mar-2023	11-Mar-2023	12-Mar-2023	13-Mar-2023
Allegheny	Pool Elev	1318.09	1318.30	1318.41	1318.44	1318.57	1318.64
	Outflow (cfs)	3600	3600	3600	3600	2650	2650
Tionesta	Pool Elev	1096.77	1094.00	1091.81	1090.87	1089.44	1087.48
	Outflow (cfs)	2510	2510	2100	2100	1540	1540
Union City	Pool Elev	1249.21	1248.37	1247.30	1246.03	1244.56	1242.86
	Outflow (cfs)	965	917	871	827	786	747
Woodcock	Pool Elev	1179.30	1179.18	1178.96	1178.66	1178.59	1178.47
	Outflow (cfs)	305	145	145	145	95	95
East Branch	Pool Elev	1659.51	1659.72	1659.90	1660.05	1660.17	1660.28
	Outflow (cfs)	55	55	55	55	55	55
Mahoning	Pool Elev	1092.53	1087.05	1084.42	1082.75	1080.25	1079.11
	Outflow (cfs)	1405	1405	940	740	740	540
Crooked Creek	Pool Elev	846.99	843.91	842.66	842.01	840.97	841.09
	Outflow (cfs)	1240	1240	700	485	485	240
Conemaugh	Pool Elev	913.77	910.65	908.54	907.49	905.75	904.74
	Outflow (cfs)	6000	5000	3750	2780	2780	2230
Loyalhanna	Pool Elev	918.58	919.88	920.31	920.45	920.35	920.04
	Outflow (cfs)	900	430	430	430	430	430
Stonewall Jackson	Pool Elev	1071.55	1071.58	1071.61	1071.62	1071.64	1071.65
	Outflow (cfs)	60	60	60	60	60	60
Tygart	Pool Elev	1073.06	1071.83	1071.98	1071.74	1071.74	1071.49
	Outflow (cfs)	2860	2860	1500	1500	1100	1100
Youghiogheny	Pool Elev	1436.58	1436.77	1436.87	1436.91	1436.88	1436.81
	Outflow (cfs)	980	600	600	600	600	600
Michael J. Kirwan	Pool Elev	984.10	984.11	984.13	984.14	984.14	984.13
	Outflow (cfs)	65	65	35	35	35	35
Berlin	Pool Elev	1022.34	1022.40	1022.42	1022.42	1022.41	1022.38
	Outflow (cfs)	85	85	85	85	85	85
Lake Milton	Pool Elev	942.21	942.19	942.17	942.15	942.13	942.11
	Outflow (cfs)	100	100	100	100	100	100
Mosquito	Pool Elev	900.60	900.59	900.60	900.60	900.59	900.59
	Outflow (cfs)	185	90	30	30	30	30
Shenango	Pool Elev	895.27	895.18	895.24	895.23	895.39	895.49
	Outflow (cfs)	1995	1460	1020	1020	580	580

Reservoir	Flood Storage				Conservation Storage			
	Current Capacity Used	Ac-ft of Space Used	Ac-ft of Space Available	Inches of Runoff Available	Normal Capacity This Date	Current Capacity Available	Ac-ft of Water Available	Inches of Runoff to 100%
Allegheny	14%	115800	712381	6.1	100%	100%	442619	0.0
Tionesta	6%	7079	115156	4.5	N/A	N/A	7079	N/A
Union City	17%	8122	39530	3.3	N/A	N/A	8122	N/A
Woodcock	17%	3238	15412	6.3	100%	100%	3628	0.0
East Branch	14%	4837	30180	7.8	97%	100%	53052	0.0
Mahoning	5%	3801	65899	3.6	100%	100%	3801	0.0
Crooked Creek	4%	3486	84864	5.7	N/A	N/A	3486	N/A
Conemaugh	5%	12442	232474	3.2	N/A	N/A	12442	N/A
Loyalhanna	1%	1192	89588	5.8	N/A	N/A	1192	N/A
Stonewall Jackson	20%	7474	29015	5.4	100%	100%	42515	0.0
Tygart	17%	41951	210949	3.3	100%	100%	67451	0.0
Youghiogheny	24%	33640	103776	4.5	100%	100%	141782	0.0
Michael J. Kirwan	22%	6889	24476	5.6	100%	100%	50424	0.0
Berlin	32%	17323	36708	2.8	100%	100%	48347	0.0
Lake Milton	0%	0	14083	9.8	61%	60%	13017	5.9
Mosquito	25%	7431	22432	4.3	100%	100%	74623	0.0
Shenango	15%	25721	148229	4.7	100%	100%	32071	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	13.3%
Allegheny Basin	10.4%
Monongahela Basin	19.5%
Beaver Basin	19.5%

Conservation Storage Available	
District-wide	98.8%
Allegheny Basin	100.0%
Monongahela Basin	100.0%
Beaver Basin	95.0%

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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