

Reservoir	All Elev (NAVD88) 7am Readings	Observed	Forecast				
		13-Apr-2021	14-Apr-2021	15-Apr-2021	16-Apr-2021	17-Apr-2021	18-Apr-2021
Allegheny	Pool Elev	1327.66	1328.07	1328.35	1328.55	1328.67	1328.74
	Outflow (cfs)	1485	1485	2200	2200	2200	2200
Tionesta	Pool Elev	1090.92	1090.66	1089.90	1089.69	1089.79	1089.76
	Outflow (cfs)	855	855	855	560	430	430
Union City	Pool Elev	1224.38	1225.62	1225.26	1224.70	1223.98	1223.20
	Outflow (cfs)	215	250	225	214	203	193
Woodcock	Pool Elev	1171.44	1171.85	1172.11	1172.33	1172.51	1172.65
	Outflow (cfs)	40	40	40	40	40	40
East Branch	Pool Elev	1646.67	1646.89	1647.08	1647.24	1647.37	1647.48
	Outflow (cfs)	30	30	30	30	30	30
Mahoning	Pool Elev	1087.54	1088.97	1087.72	1085.87	1083.96	1082.22
	Outflow (cfs)	300	300	530	530	530	530
Crooked Creek	Pool Elev	843.94	843.68	843.62	843.30	843.20	843.03
	Outflow (cfs)	375	375	245	245	195	195
Conemaugh	Pool Elev	908.96	909.36	908.67	907.76	907.36	907.29
	Outflow (cfs)	2800	2800	2800	2230	1680	1340
Loyalhanna	Pool Elev	924.01	924.66	924.11	923.05	922.84	922.95
	Outflow (cfs)	440	440	700	700	440	330
Stonewall Jackson	Pool Elev	1073.04	1073.05	1073.04	1073.03	1073.01	1072.99
	Outflow (cfs)	80	80	80	80	80	80
Tygart	Pool Elev	1091.35	1092.29	1092.73	1092.83	1092.64	1092.19
	Outflow (cfs)	1785	1785	1785	1785	1785	1785
Youghiogheny	Pool Elev	1440.79	1440.63	1440.44	1440.48	1440.50	1440.48
	Outflow (cfs)	1050	1050	1050	600	600	600
Michael J. Kirwan	Pool Elev	982.91	982.95	982.98	982.99	982.99	982.99
	Outflow (cfs)	30	30	30	30	30	30
Berlin	Pool Elev	1021.15	1021.33	1021.43	1021.48	1021.50	1021.53
	Outflow (cfs)	95	95	95	95	95	40
Lake Milton	Pool Elev	942.23	942.31	942.38	942.46	942.53	942.53
	Outflow (cfs)	40	40	40	40	40	40
Mosquito	Pool Elev	899.64	899.71	899.75	899.78	899.80	899.81
	Outflow (cfs)	20	20	20	20	20	20
Shenango	Pool Elev	890.73	891.01	891.25	891.44	891.60	891.72
	Outflow (cfs)	130	130	130	150	150	150

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	5%	28514	604933	5.2	100%	100%	550067	0.0
Tionesta	3%	3385	118850	4.7	N/A	N/A	3385	N/A
Union City	1%	594	47058	4.0	N/A	N/A	594	N/A
Woodcock	0%	0	17482	7.2	100%	60%	1558	0.4
East Branch	0%	0	42391	11.0	99%	68%	40841	5.0
Mahoning	4%	2638	67062	3.7	100%	100%	2638	0.0
Crooked Creek	2%	2086	86264	5.8	N/A	N/A	2086	N/A
Conemaugh	3%	7035	239135	3.3	N/A	N/A	7035	N/A
Loyalhanna	4%	3328	87452	5.7	N/A	N/A	3328	N/A
Stonewall Jackson	5%	1354	25126	4.7	100%	100%	46404	0.0
Tygart	18%	39695	181942	2.9	100%	100%	96458	0.0
Youghiogheny	7%	6972	91837	4.0	100%	100%	153721	0.0
Michael J. Kirwan	0%	0	27506	6.3	100%	92%	47394	1.0
Berlin	10%	4270	40338	3.0	100%	100%	44717	0.0
Lake Milton	0%	0	14054	9.8	90%	61%	13046	5.9
Mosquito	0%	0	29499	5.7	98%	89%	67556	1.5
Shenango	0%	0	163262	5.2	100%	65%	17038	0.3

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	5.2%
Allegheny Basin	3.6%
Monongahela Basin	13.8%
Beaver Basin	1.7%

Conservation Storage Available	
District-wide	95.2%
Allegheny Basin	96.5%
Monongahela Basin	100.0%
Beaver Basin	86.1%

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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