Reservoir	All Elev (NAVD88) 7am Readings	Observed 27-Mar-2024	Forecast 28-Mar-2024	29-Mar-2024	30-Mar-2024	31-Mar-2024	1-Apr-2024
Allegheny	Pool Elev	1322.91	1322.98	1322.95	1322.80	1322.58	1322.32
	Outflow (cfs)	4350	3570	3570	3570	3570	3570
Tionesta	Pool Elev	1090.44	1090.13	1089.32	1089.06	1088.60	1087.89
	Outflow (cfs)	1160	1160	1160	860	860	860
Union City	Pool Elev	1229.47	1233.08	1234.27	1234.39	1233.99	1233.31
	Outflow (cfs)	654	682	611	566	526	488
Woodcock	Pool Elev	1177.43	1178.32	1178.56	1178.54	1178.37	1178.11
	Outflow (cfs)	75	130	130	130	130	130
East Branch	Pool Elev	1665.08	1665.23	1665.34	1665.43	1665.49	1665.52
	Outflow (cfs)	40	40	40	40	40	40
Mahoning	Pool Elev	1082.91	1083.30	1083.29	1082.95	1082.33	1081.55
	Outflow (cfs)	255	355	355	355	355	355
Crooked Creek	Pool Elev	842.32	842.68	842.88	842.87	842.71	842.42
	Outflow (cfs)	225	225	225	225	225	225
Conemaugh	Pool Elev	903.94	903.50	904.06	904.36	904.37	904.15
	Outflow (cfs)	1680	1680	1240	1240	1240	1240
Loyalhanna	Pool Elev	921.45	921.86	922.11	922.19	922.15	922.01
	Outflow (cfs)	240	240	240	240	240	240
Stonewall Jackson	Pool Elev	1071.53	1071.84	1072.03	1072.15	1072.21	1072.25
	Outflow (cfs)	60	45	45	45	45	45
Tygart	Pool Elev	1063.97	1065.80	1067.64	1068.56	1068.92	1068.90
	Outflow (cfs)	1060	1060	1060	1060	1060	1060
Youghiogheny	Pool Elev	1440.37	1440.40	1440.39	1440.30	1440.17	1440.03
	Outflow (cfs)	570	580	580	580	580	580
Michael J. Kirwan	Pool Elev	984.43	984.73	984.90	985.01	985.08	985.13
	Outflow (cfs)	30	30	30	30	30	30
Berlin	Pool Elev	1019.91	1020.86	1021.46	1021.82	1022.06	1022.21
	Outflow (cfs)	95	95	95	95	95	95
Lake Milton	Pool Elev	944.40	944.45	944.49	944.54	944.59	944.64
	Outflow (cfs)	55	55	55	55	55	55
Mosquito	Pool Elev	900.40	900.58	900.68	900.75	900.78	900.81
	Outflow (cfs)	35	35	35	35	35	35
Shenango	Pool Elev	891.72	893.33	894.24	894.68	894.89	894.97
	Outflow (cfs)	260	260	635	635	635	635

Reservoir	Flood Storage Current Capacity Used	Ac-ft of Space Used	Ac-ft of Space Available	Inches of Runoff Available	Conservation Storage Normal Capacity This Date	Current Capacity Available	Ac-ft of Water Available	Inches of Runoff to 100%
Allegheny	8%	60053	659942	5.7	100%	100%	495058	0.0
Tionesta	3%	3086	119149	4.7	N/A	N/A	3086	N/A
Union City	3%	1241	46411	3.9	N/A	N/A	1241	N/A
Woodcock	9%	1632	16028	6.6	100%	100%	3012	0.0
East Branch	14%	4044	24278	6.3	97%	100%	58954	0.0
Mahoning	2%	1617	68083	3.8	100%	100%	1617	0.0
Crooked Creek	2%	1394	86956	5.9	N/A	N/A	1394	N/A
Conemaugh	1%	2102	242814	3.4	N/A	N/A	2102	N/A
Loyalhanna	2%	2185	88595	5.7	N/A	N/A	2185	N/A
Stonewall Jackson	5%	1458	29144	5.4	100%	100%	42386	0.0
Tygart	12%	29181	223720	3.5	100%	100%	54681	0.0
Youghiogheny	12%	12223	93020	4.0	99%	100%	152538	0.0
Michael J. Kirwan	11%	3077	23700	5.4	100%	100%	51200	0.0
Berlin	16%	8377	44166	3.3	100%	100%	40889	0.0
Lake Milton	0%	0	10735	7.5	76%	76%	16365	3.6
Mosquito	0%	0	24175	4.6	96%	98%	72880	0.3
Shenango	2%	2857	160543	5.1	100%	100%	19757	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	6.4%
Allegheny Basin	5.4%
Monongahela Basin	11.0%
Beaver Basin	5.3%

Conservation Storage Available	
District-wide	99.3%
Allegheny Basin	100.0%
Monongahela Basin	100.0%
Beaver Basin	96.6%

Snow Report Basin	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

LRP.WaterManagement@usace.army.mil