Reservoir	All Elev (NAVD88) 7am Readings	Observed 19-Mar-2024	Forecast 20-Mar-2024	21-Mar-2024	22-Mar-2024	23-Mar-2024	24-Mar-2024
Allegheny	Pool Elev	1322.85	1322.62	1322.61	1322.73	1322.93	1323.09
	Outflow (cfs)	5300	5300	3570	2800	1985	1985
Tionesta	Pool Elev	1088.38	1088.15	1087.97	1087.82	1088.45	1088.92
	Outflow (cfs)	1380	960	960	960	580	580
Union City	Pool Elev	1234.28	1233.01	1232.00	1230.51	1228.42	1226.12
	Outflow (cfs)	783	773	734	680	628	570
Woodcock	Pool Elev	1175.75	1175.89	1176.03	1176.07	1176.23	1176.35
	Outflow (cfs)	75	75	75	75	45	45
East Branch	Pool Elev	1664.20	1664.29	1664.41	1664.47	1664.59	1664.70
	Outflow (cfs)	100	100	100	100	40	40
Mahoning	Pool Elev	1084.09	1083.29	1083.89	1084.42	1083.21	1080.88
	Outflow (cfs)	750	750	750	750	750	750
Crooked Creek	Pool Elev	842.54	843.12	843.97	844.52	843.62	842.24
	Outflow (cfs)	390	390	390	390	600	600
Conemaugh	Pool Elev	909.04	908.40	907.53	907.65	907.26	906.33
	Outflow (cfs)	3080	3080	3080	2280	2280	2280
Loyalhanna	Pool Elev	923.12	922.96	922.70	922.25	921.59	920.73
	Outflow (cfs)	700	470	470	470	470	470
Stonewall Jackson	Pool Elev	1071.41	1071.32	1071.29	1071.25	1071.24	1071.22
	Outflow (cfs)	350	180	95	95	55	55
Tygart	Pool Elev	1063.51	1062.63	1062.72	1062.46	1061.90	1061.04
	Outflow (cfs)	2880	2880	1630	1630	1630	1630
Youghiogheny	Pool Elev	1441.01	1440.67	1440.65	1440.61	1440.51	1440.37
	Outflow (cfs)	1350	1350	780	780	780	780
Michael J. Kirwan	Pool Elev	983.86	983.91	984.00	984.06	984.09	984.10
	Outflow (cfs)	30	30	30	30	30	30
Berlin	Pool Elev	1018.89	1018.94	1018.99	1019.02	1019.01	1018.98
	Outflow (cfs)	330	90	90	90	90	90
Lake Milton	Pool Elev	943.61	943.68	943.73	943.78	943.83	943.88
	Outflow (cfs)	50	50	50	50	50	50
Mosquito	Pool Elev	900.27	900.25	900.24	900.23	900.21	900.20
	Outflow (cfs)	35	35	35	35	35	35
Shenango	Pool Elev	890.70	890.70	890.87	891.02	891.12	891.16
	Outflow (cfs)	520	520	250	250	250	250

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	13%	102541	660729	5.7	100%	100%	494271	0.0
Tionesta	2%	1984	120251	4.7	N/A	N/A	1984	N/A
Union City	5%	2286	45366	3.8	N/A	N/A	2286	N/A
Woodcock	10%	1810	16459	6.8	100%	100%	2581	0.0
East Branch	19%	5771	25229	6.5	96%	100%	58003	0.0
Mahoning	3%	1899	67801	3.7	100%	100%	1899	0.0
Crooked Creek	2%	1452	86898	5.9	N/A	N/A	1452	N/A
Conemaugh	3%	6374	238542	3.3	N/A	N/A	6374	N/A
Loyalhanna	3%	2950	87830	5.7	N/A	N/A	2950	N/A
Stonewall Jackson	11%	3633	29324	5.4	100%	100%	42206	0.0
Tygart	11%	28654	224246	3.6	100%	100%	54154	0.0
Youghiogheny	23%	27083	91029	3.9	100%	100%	154529	0.0
Michael J. Kirwan	12%	3542	25070	5.8	100%	100%	49830	0.0
Berlin	14%	7311	46720	3.5	100%	100%	38335	0.0
Lake Milton	0%	0	11976	8.3	69%	70%	15124	4.5
Mosquito	3%	729	24922	4.8	97%	100%	72133	0.0
Shenango	6%	10567	163383	5.2	100%	100%	16917	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	9.6%
Allegheny Basin	8.6%
Monongahela Basin	14.7%
Beaver Basin	7.7%

Conservation Storage Available	
District-wide	99.2%
Allegheny Basin	100.0%
Monongahela Basin	100.0%
Beaver Basin	96.4%

Snow Report Basin	Snow Depth (inches)	Water Content (inches)
Upper Ally.	0.5	0.1
Lower Ally.	0.6	0.1
Upper Mon.	0.0	0.0
Lower Mon.	0.0	0.0
Beaver	1.0	0.1
Ohio	0.2	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