

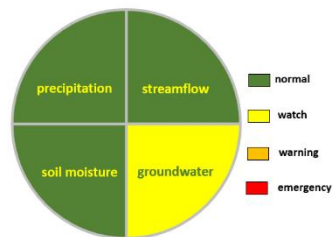
Water Watch Report  
(Local Hydrologic Status)  
12/4/2025  
Arthur Baehr [artbaehr@comcast.net](mailto:artbaehr@comcast.net)

Precipitation - Is in normal status.

Groundwater - Is in watch status.

Streamflow - Is in normal status.

12/4/2025



Check out our hydrology school for background reading.

[https://www.bntgmc.org/files/ugd/61359d\\_e3172f9128fd4dae83130affdfd7a2d6.docx?dn=Hydrology%20School%20Curriculum.docx](https://www.bntgmc.org/files/ugd/61359d_e3172f9128fd4dae83130affdfd7a2d6.docx?dn=Hydrology%20School%20Curriculum.docx)

Archived reports are available upon request.

Other drought reports:

Bucks County

<https://www.drought.gov/states/pennsylvania/county/Bucks>

USGS drought monitor website for Pennsylvania

<https://pa.water.usgs.gov/apps/drought/>

USDA / NOAA drought monitor websites:

Pennsylvania

<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?PA>

North East US

<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?Northeast>

Continental US

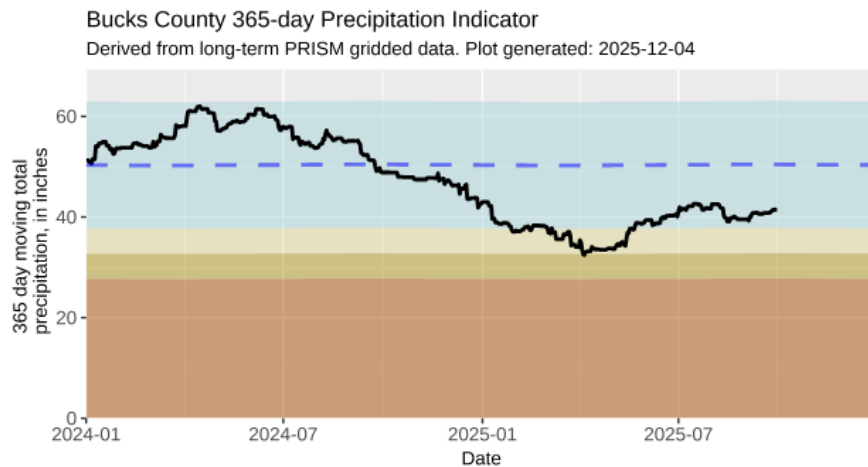
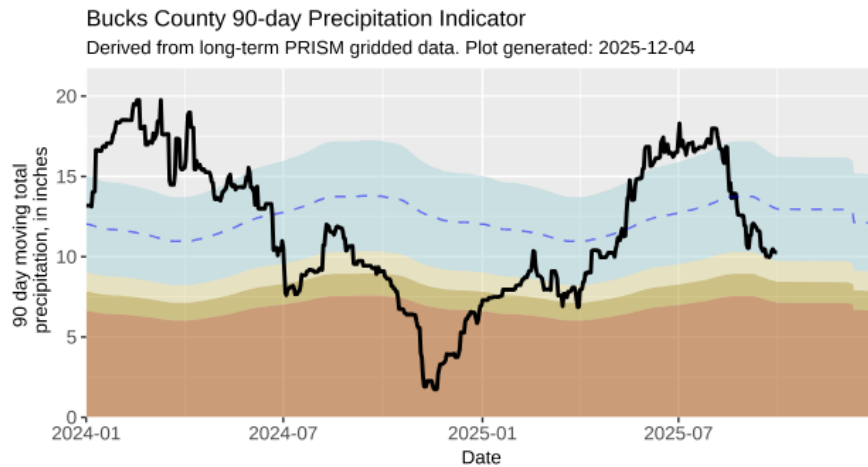
<https://droughtmonitor.unl.edu/CurrentMap.aspx>

## Precipitation

The 90-day Precipitation Indicator is in normal status. Over the past 90 days, 10.3 in. of precipitation fell over Bucks County which is within the normal range (average is 13.0 in). At Palisades High School, 9.9 in. was measured. Over the past 360 days, 41.5 in. fell over Bucks County which is within the normal range (average is 50.1 in).

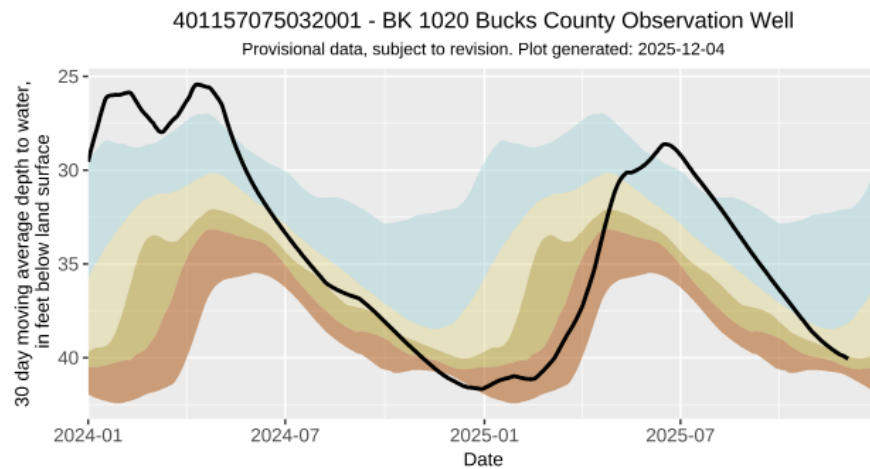
[Pennsylvania Drought Condition Monitoring | U.S. Geological Survey](#)

[Personal Weather Station Dashboard | Weather Underground](#)



## Groundwater

Water levels were obtained on 11/14/2025 (Tinicum 10 wells and Bridgeton 3 wells) and 11/24/2025 (Nockamixon 16 wells). This substantial effort constitutes the Fall 2025 SWL synoptic. As of 12/4/2025, seasonal low water level values have not yet been achieved at USGS well 929 at Nockamixon State Park and USGS well 1020 at Warminster (see plot below). The fall SWL synoptic is timed to attempt to measure seasonal low water levels which, on average, occurs sometime in October so it is fortuitous that the SWL synoptic was conducted later this year.

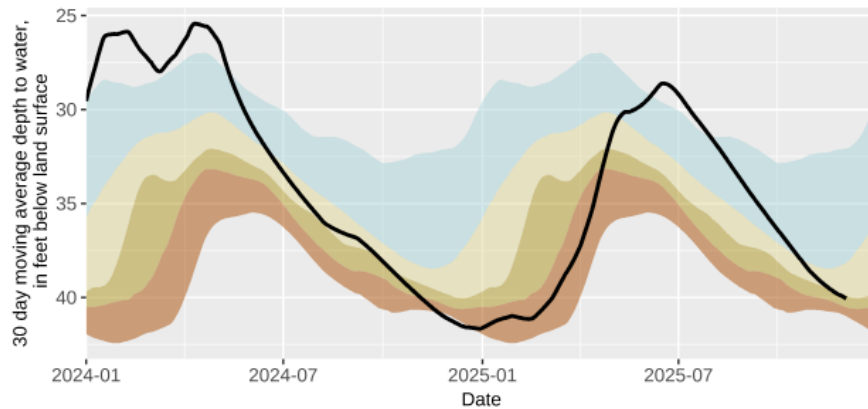


[Pennsylvania Drought Condition Monitoring - Thursday, December 04, 2025](#)

The Table below is a summary comparing fall 2025 SWL water levels to medians. The values in the column labeled- % deeper indicate the percentile the Fall 2025 value is compared to the median Fall values over the period of record. For example, % deeper = 0.0 implies that the Fall 2025 value is the lowest Fall water level. At 4 wells the lowest Fall water level over the period of record was measured in November, 2025. Overall the Fall 2025 median water level value is 0.6 ft. lower than the median value for the period of record which translates to 29.3 percent of the years had lower overall values. Since the water level at USGS well 1020 in Warminster is in the watch category, a few record SWL low values were achieved, and groundwater levels are still falling, the watch status is assigned. The graphs below provide more context for evaluating Fall 2025 water level values.

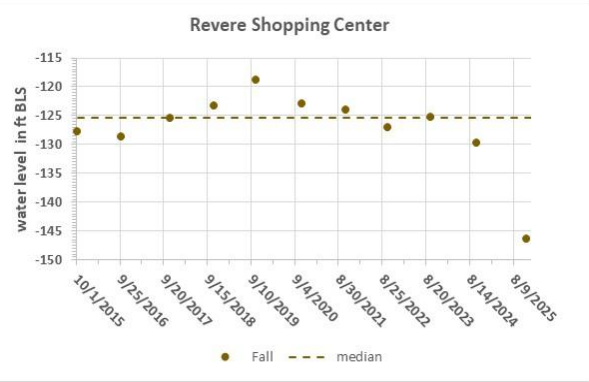
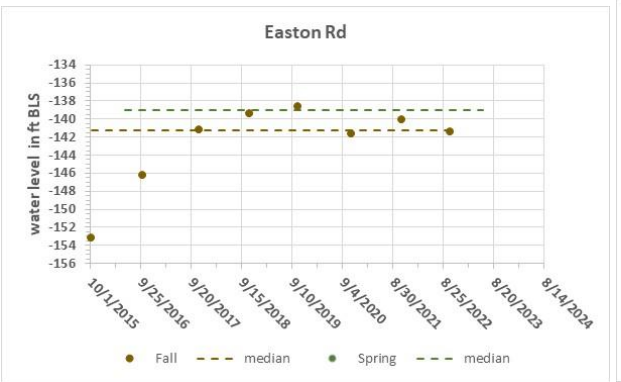
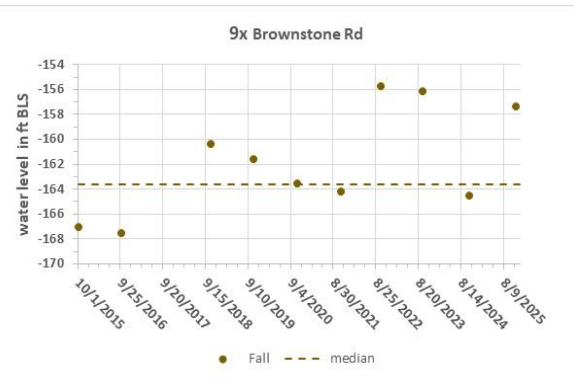
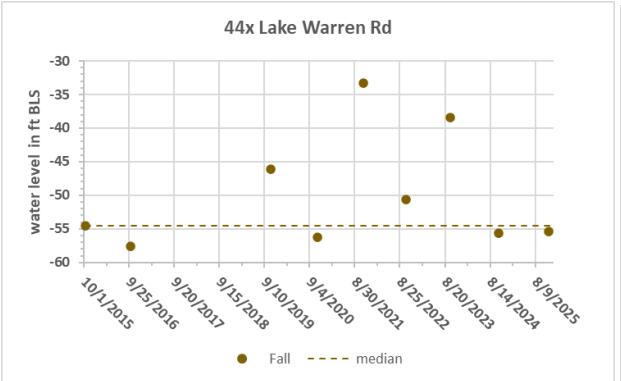
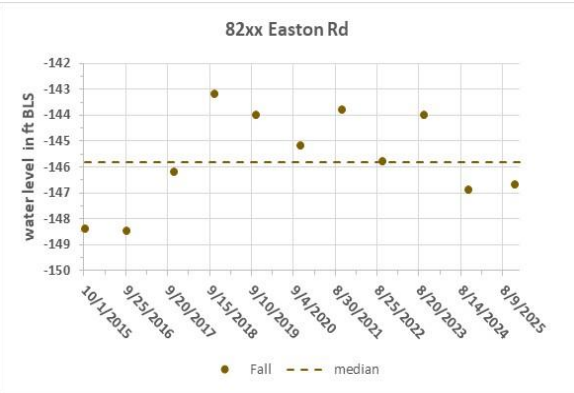
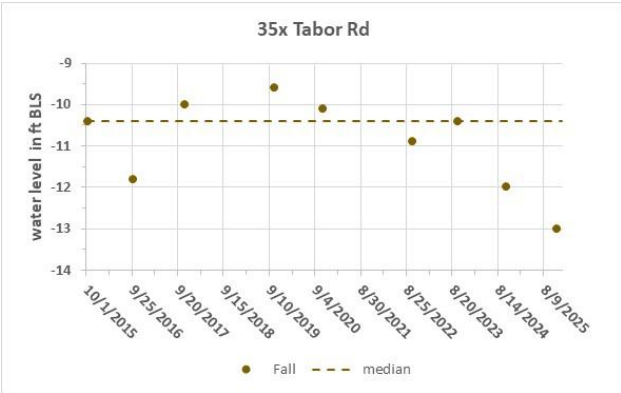
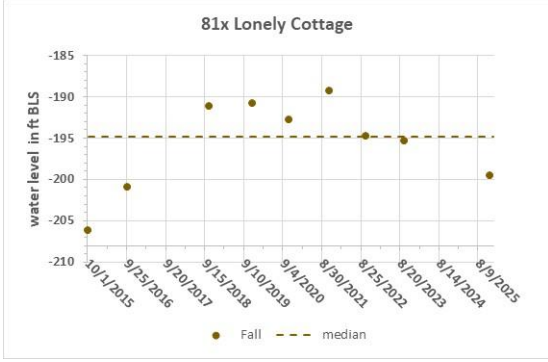
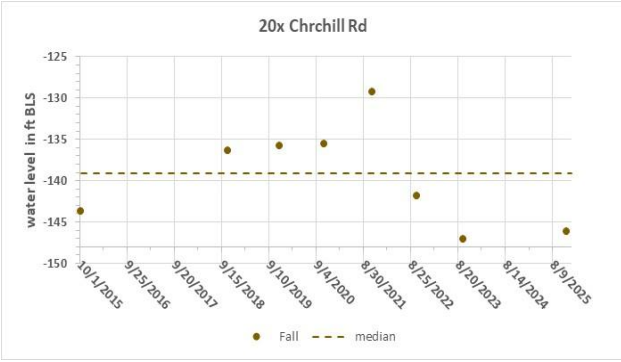
# 401157075032001 - BK 1020 Bucks County Observation Well

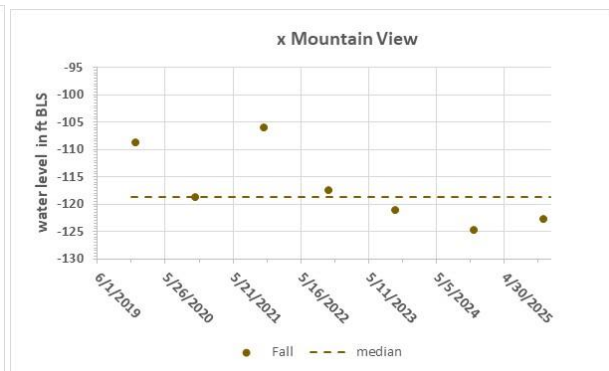
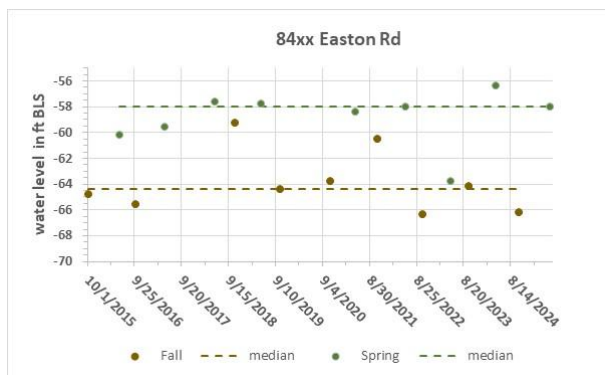
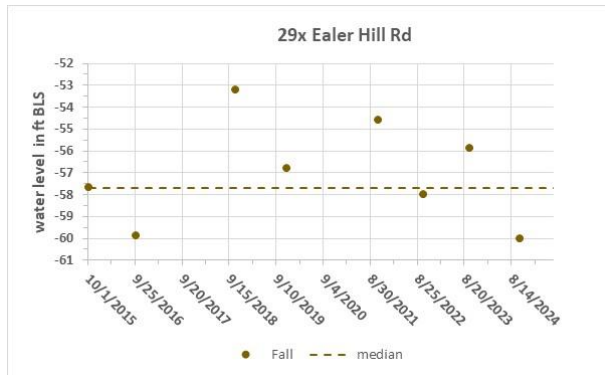
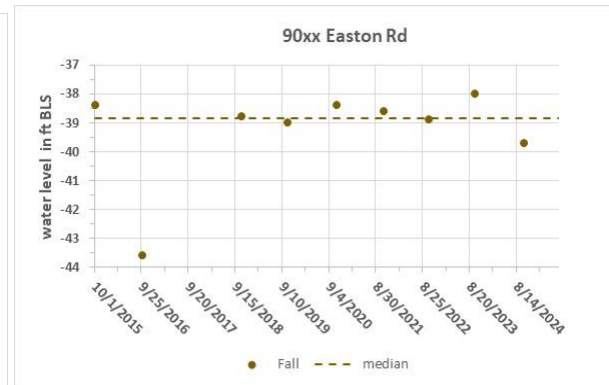
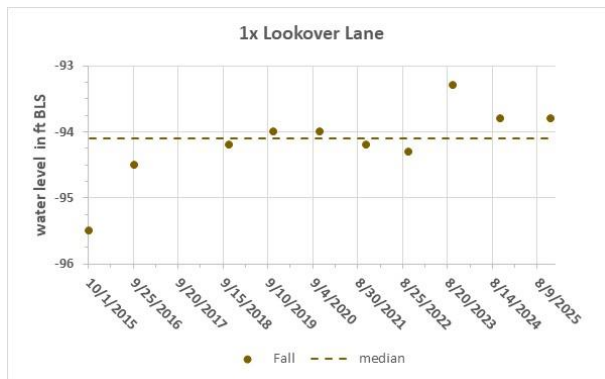
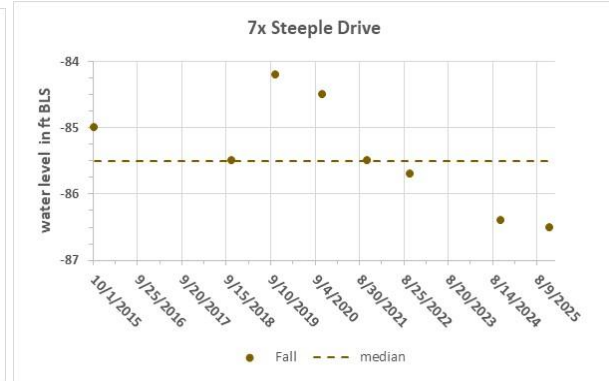
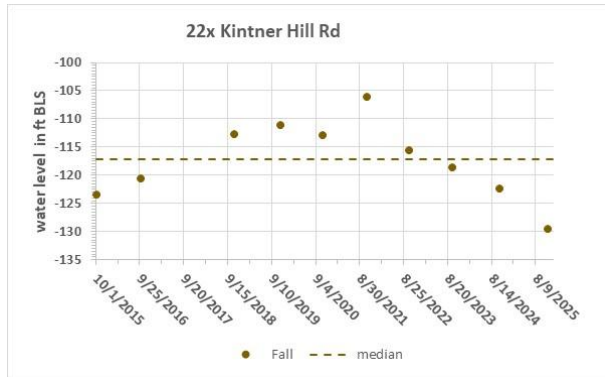
Provisional data, subject to revision. Plot generated: 2025-12-04

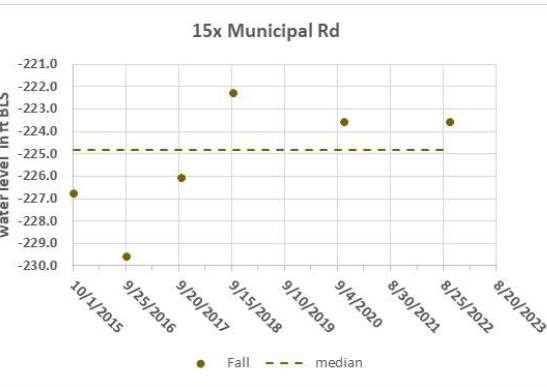
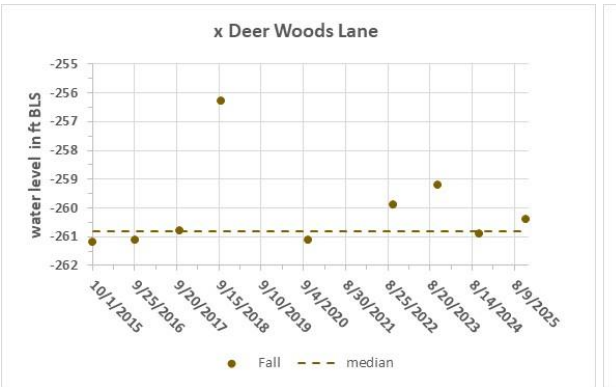
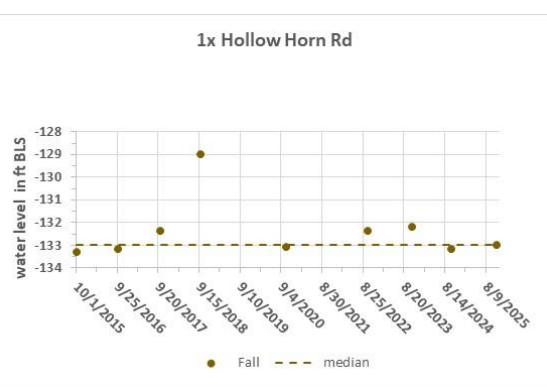
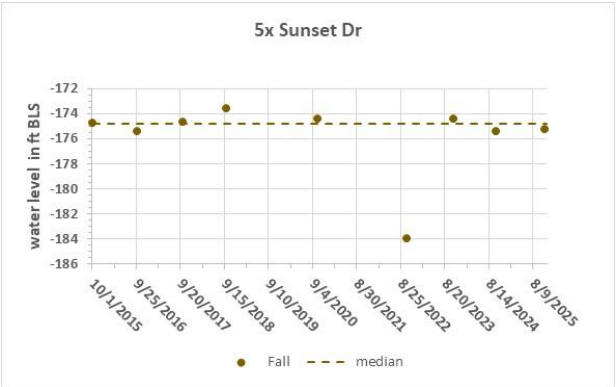
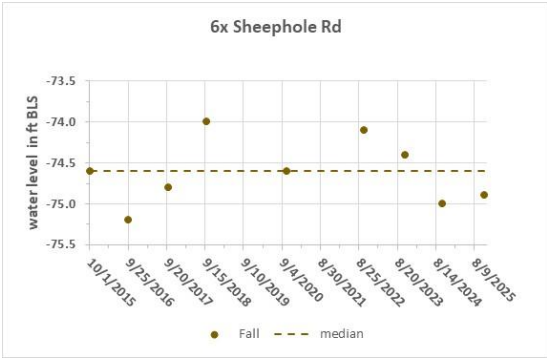


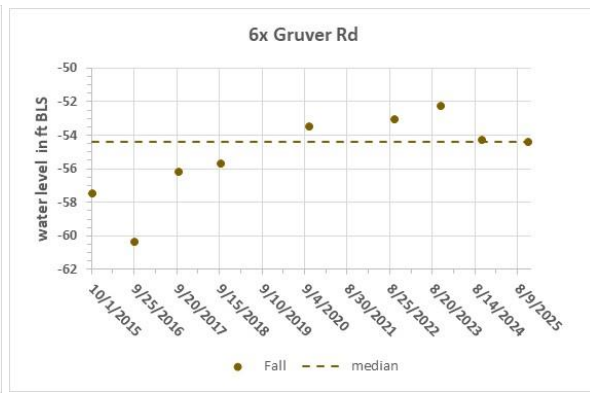
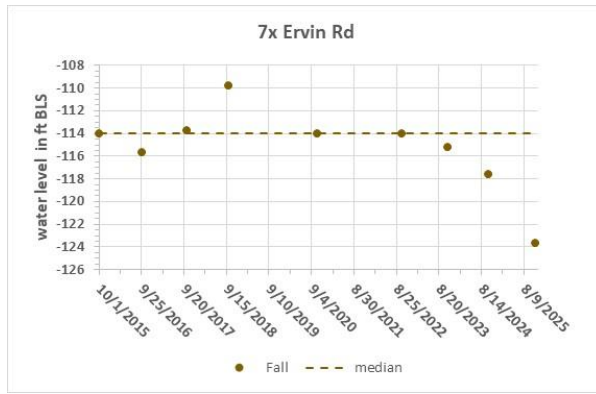
<u>Fall 2025 Nockamixon SWL</u>		date	Fall 2025 ft BLS	Fall median ft BLS	difference ft	% deeper	years of record	note		
	20x Churchill Rd	11/24/2025	146.2	139.1	-7.1	14.2	11			
	81x Lonely Cottage	11/24/2025	199.6	194.8	-4.8	25.0	11			
	35x Tabor Rd	11/24/2025	13.0	10.4	-2.6	0.0	11			
	82xx Easton Rd	11/24/2025	146.7	145.8	-0.9	30.0	9			
	44x Lake Warren Rd	11/24/2025	55.4	54.5	-0.9	37.5	9			
	9x Brownstone Rd	11/24/2025	157.4	163.6	6.2	80.0	10			
	Easton Rd	11/24/2025	146.4	125.4	-21.0	0.0	11	drawdown influence suspected		
	Revere Shopping Cen.	11/24/2025	129.6	117.2	-12.4	0.0	10			
	22x Kintner Hill Rd	11/24/2025	86.5	85.5	-1.0	0.0	8			
	7x Steeple Drive	11/24/2025	93.8	94.1	0.3	77.7	10			
	90xx Easton Rd	11/24/2025	39.0	38.9	-0.1	22.2	11			
	29x Ealer Hill Rd	11/29/2025	59.8	57.7	-2.1	25.0	9			
	53x Quarry Rd	11/24/2025	243.6	242.0	-1.6	10.0	11			
	84xx Easton Rd						9	not measured		
	x Mountain View	11/24/2025	122.8	118.8	-4.0	16.6	7			
<u>Fall 2025 Tincicum SWL</u>		date	Fall 2025 ft BLS	Fall median ft BLS	difference ft	% deeper	years of record			
	61x Hollow Horn Rd	11/14/2025	43.6	43.6	0.0	50.0	9			
	6x Sheephole Rd	11/14/2025	74.9	74.6	-0.3	25.0	9			
	5x Sunset Dr	11/14/2025	175.3	174.8	-0.5	37.5	9			
	1x Hollow Horn Rd	11/14/2025	133.0	133.0	0.0	50.0	9			
	47x Headquarters Rd	11/14/2025	243.1	242.4	-0.7	28.5	9			
	22x Cafferty Rd	11/14/2025	28.6	35.0	6.4	85.7	9			
	x Deer Woods Lane	11/14/2025	260.4	260.8	0.4	62.5	9			
	7x Ervin Rd	11/14/2025	123.7	114.0	-9.7	0.0	9			
	6x Gruver Rd	11/14/2025	54.4	54.4	0.0	50.0	9			
<u>Fall 2025 Bridgeton SWL</u>		date	Fall 2025 ft BLS	Fall median ft BLS	difference ft	% deeper	years of record			
	19xx Ringing Rocks Rd	11/14/2025	89.2	90.4	1.2	66.6	10			
	19xy Ringing Rocks Rd	11/14/2025	126.5	127.6	1.1	62.5	9			
	15xx Woodland Dr	11/14/2025	15.1	16.6	1.5	100.0	9			
				median all	-0.6	29.3				

## Nockamixon SWL

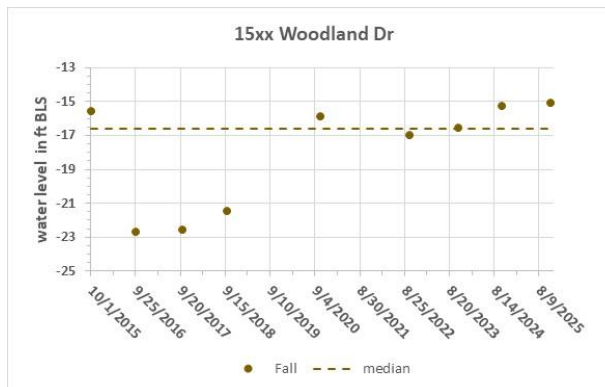
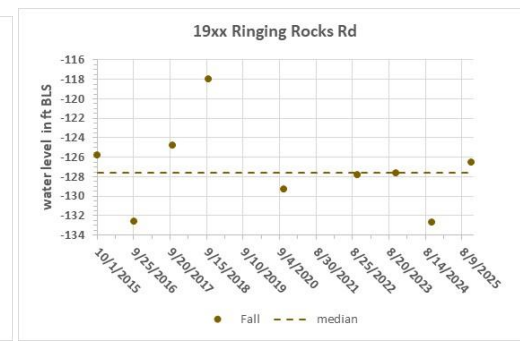
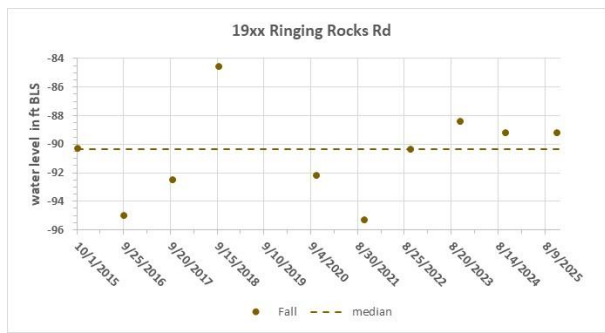








## Bridgeton SWL



## Streamflow

The average flow over 30 days ( 11/4/2025 to 12/3/2025) on the Tohickon Creek @ Pipersville was 19.5 cfs. The average flow for the same 30 days from 1974 to 2025 is 44.7 cfs and the watch cutoff is 18.0 cfs. Note from 11/1 to 11/2 there was a fall release from Nockamixon Dam which explains the spike in flow.

