

# Lehigh County Authority Water Supply Report

Date:	5/19/2017
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Monitoring Point	Measurement	Normal Conditions	Drought Declaration Trigger Points			Current Conditions
			Stage 1 Watch	Stage 2 Warning	Stage 3 Emergency	
Upper Macungie Park Quarry	Feet above sea level ( <i>lower measure = lower water level</i> )	> 404	404	396	392	404
Lower Macungie Monitoring Well	Feet below casing top ( <i>higher measure = lower water level</i> )	< 39	39	40	41	36.7
Little Lehigh Creek at USGS Gage-10th St.	Cubic feet per second (cfs) ( <i>lower measure = lower stream flow</i> )	> 64	64	54	46	88.6

LCA Water Supply Status	Normal Conditions
DEP Drought Status (Lehigh County)	Normal Conditions
LCA Drought Status	Normal Conditions

### Stage 1 - Drought Watch

All three monitoring points are at Stage 1 levels

- OR -

Drought Watch declared by Commonwealth of Pennsylvania or the Delaware River Basin Commission

### Stage 2 - Drought Warning

All three monitoring points are at Stage 2 levels

- OR -

Drought Warning declared by Commonwealth of Pennsylvania or the Delaware River Basin Commission

### Stage 3 - Drought Emergency

All three monitoring points are at Stage 3 levels

- OR -

Drought Emergency declared by Commonwealth of Pennsylvania or the Delaware River Basin Commission

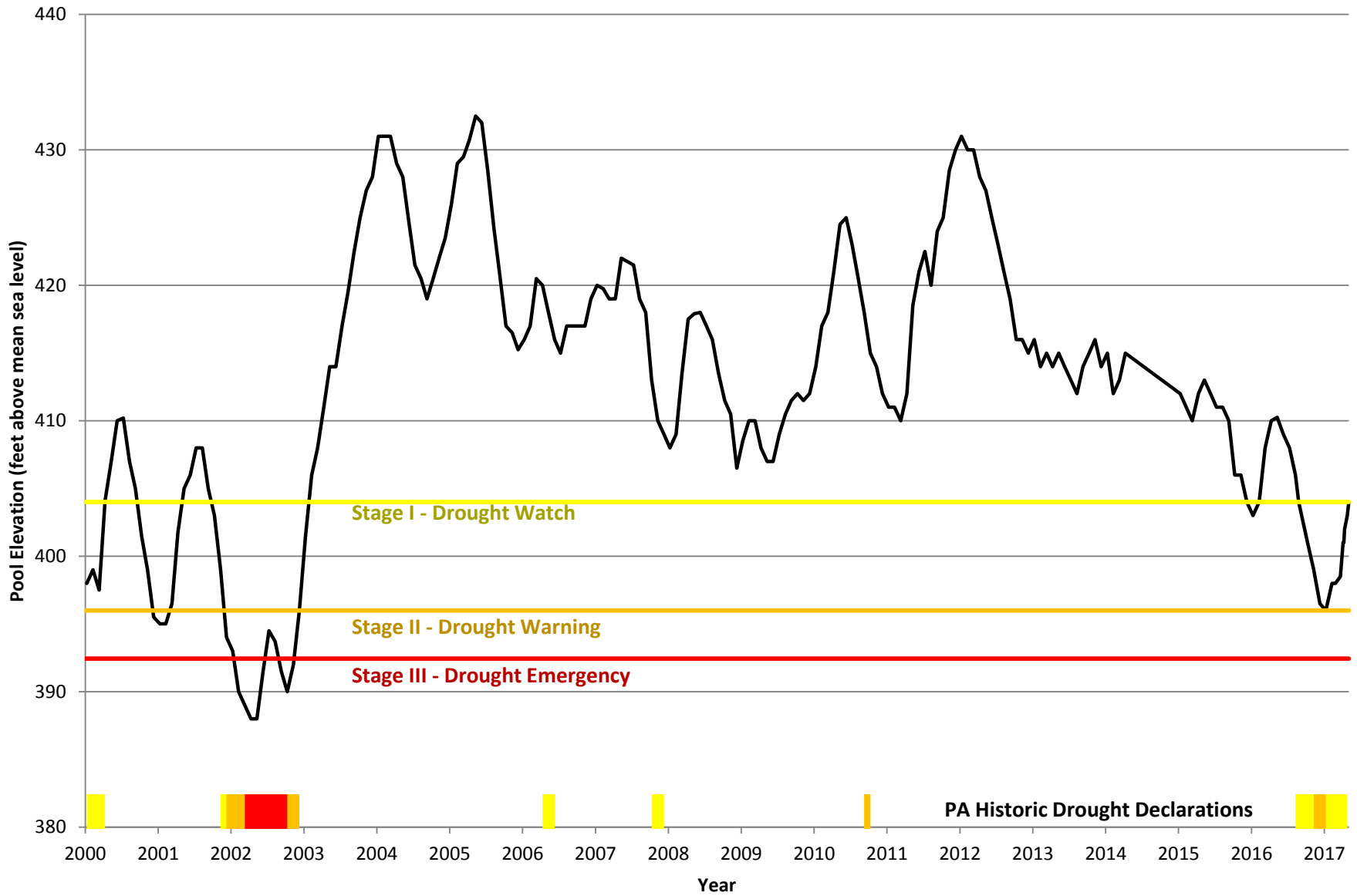
- OR -

LCA is unable to meet system demand for other reasons (operational / mechanical)

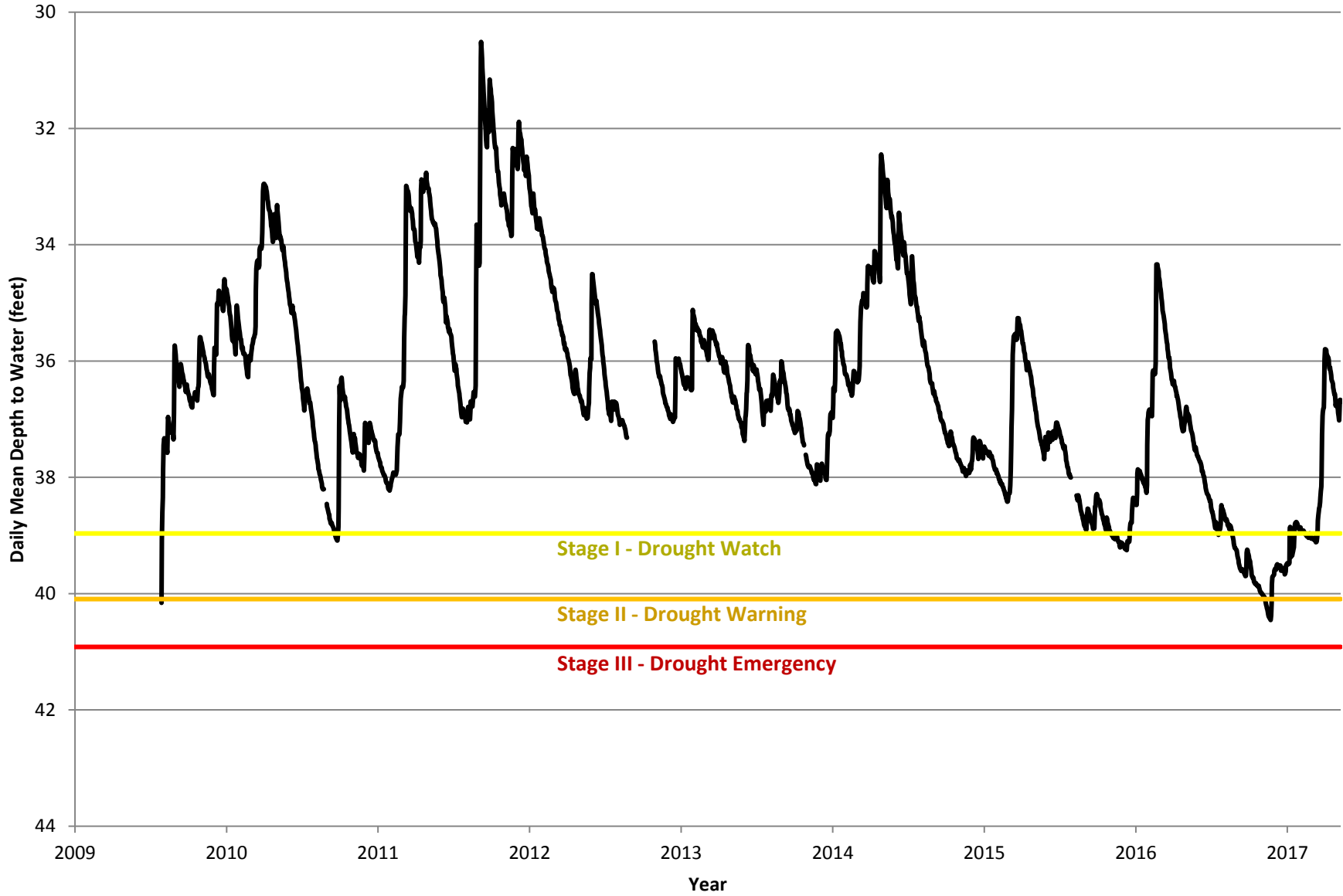
- OR -

Little Lehigh Creek AND Lehigh River pass-by flows are less than required minimums (16 cfs for Little Lehigh; 400 cfs for Lehigh River)

# Lehigh County Authority -- Drought Trigger Point # 1 Upper Macungie Park Quarry



# Lehigh County Authority -- Drought Trigger Point # 2 4817 Lower Macungie Road Monitoring Well



**Figure 3**  
**Little Lehigh Creek Pass-by Flow**

