



US Army Corps  
of Engineers  
Pittsburgh District

# Notice to Navigation Interests

In reply refer to  
Notice No. below

US Army Corps of Engineers, Pittsburgh District  
1000 Liberty Avenue, Pittsburgh, PA 15222-4186  
(412)395-7656  
<http://www.lrd.usace.army.mil/navigation/notice/>

Notice No. 05-19

Date: July 1, 2005

## Low River Flows in the Pittsburgh District

1. **TO ALL WHOM IT MAY CONCERN:** The Corps of Engineers, Pittsburgh District, is issuing this notice due to the low water conditions on the District's rivers. All mariners are urged to be vigilant and to navigate with caution in the marked channel. Additionally, it is strongly recommended the tow drafts not exceed nine feet, which is consistent with local project channel depth maintained by the Corps of Engineers with the exception at Lock 4, Allegheny River, which is noted below.

2. Navigators are cautioned that during low river flow, the clearance elevation over the upper sill at Lock 4, Allegheny River, Mile 24.2 may be less than 9.0 feet; the depth of water over the upper sill is 0.6 feet less than the upper gage reading at any given time. Tows should be keenly aware of their draft when locking through to ensure safe passage. Mariners are cautioned to load barges accordingly to assure a minimum of 0.5 feet of clearance over the upper sill at Lock 4. Example: If the upper gage reading is 10.1, the maximum allowable barge draft at Lock 4 is 9 feet (10.1 minus 0.6 minus 0.5 = 9.0). In this example, tows with barges exceeding 9 feet draft will not be granted lockage.

3. The Pittsburgh District's reservoirs/lakes at our flood control projects are at or slightly below summer pool levels. We anticipate that these reservoirs will be able to continue to augment the flows and maintain normal pool levels during these low water conditions and into the foreseeable future. Additional notice will be issued if low flow conditions on the District's rivers worsen.

FOR THE DISTRICT ENGINEER:

**/signed/**

Richard C. Lockwood  
Chief, Operations Division