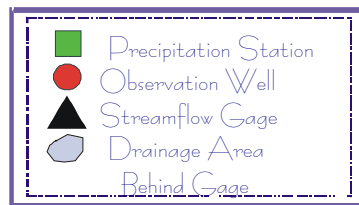
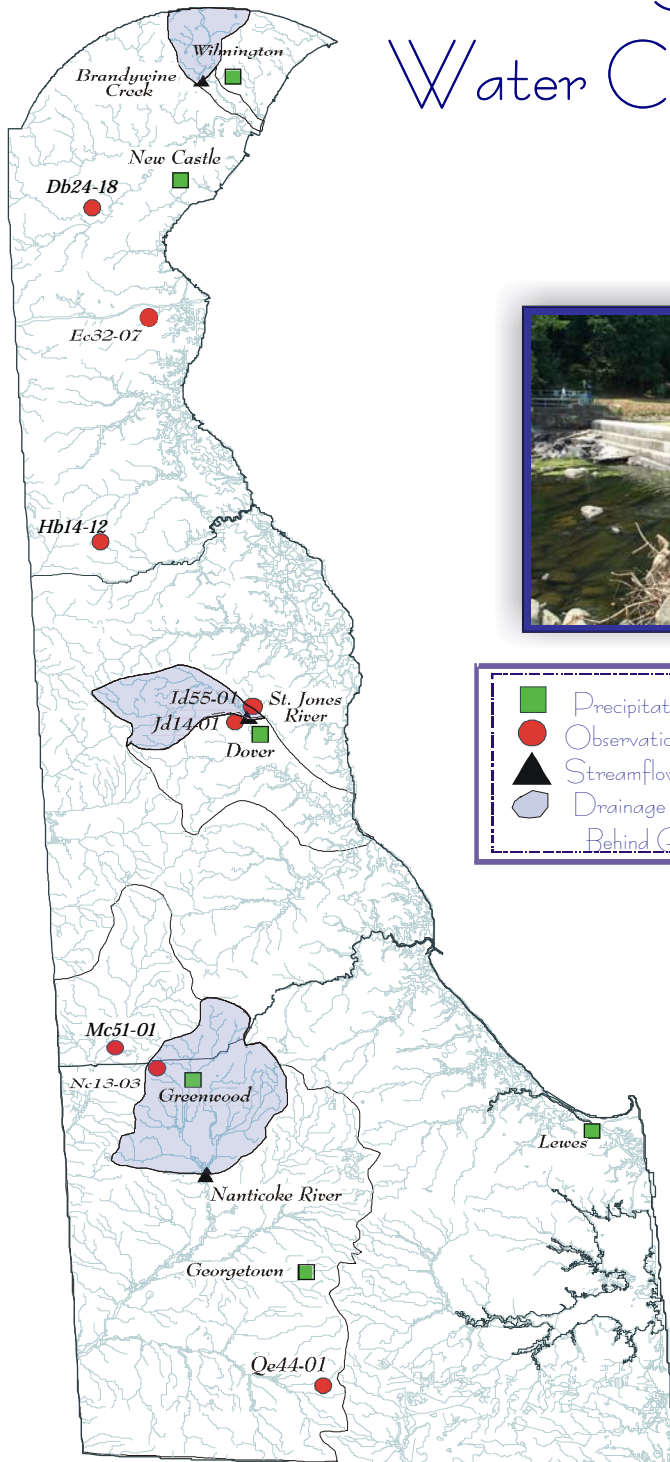


DELAWARE GEOLOGICAL SURVEY

Summary of Water Conditions in Delaware Water Year 2007 September, 2007



Compiled by J. H. Talley and S. J. Baxter

Acknowledgments
 U. S. Geological Survey
 National Weather Service
 Delaware Department of Transportation
 Delaware State Climatologist
 University of Delaware
 City of Dover
 City of Lewes
 City of Wilmington
 Connie Swartzentuber

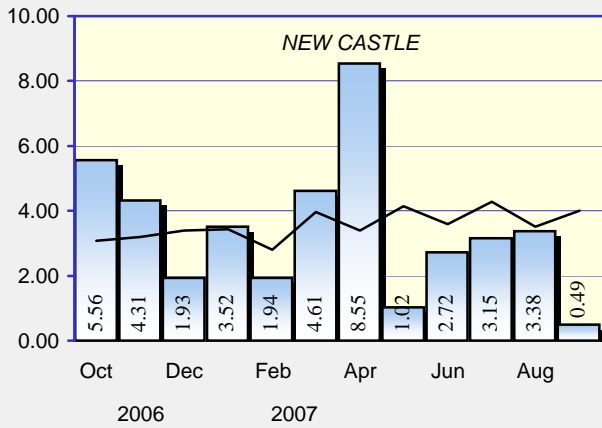
Photos
 Brandywine Creek, drought of 2002
 Red Clay Creek, remnants of
 Tropical Storm Henri,
 September 15, 2003

Hydrography Digital Line Graph United States Geological Survey 1993
 Projection: UTM 18 Datum: NAD 83

Web Site: <http://www.udel.edu/dgs>

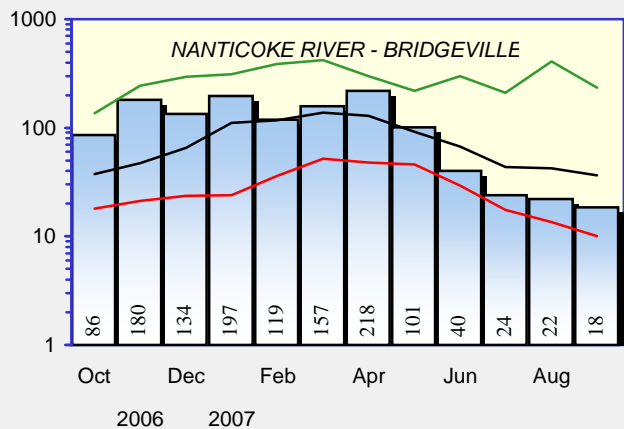
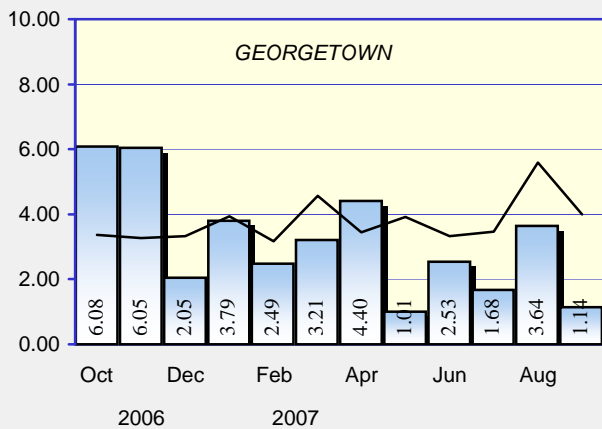
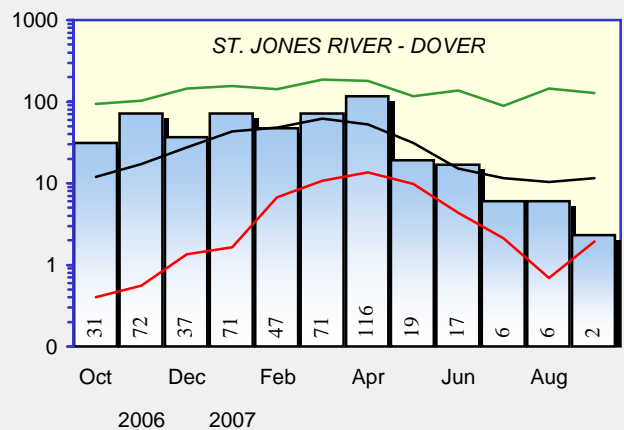
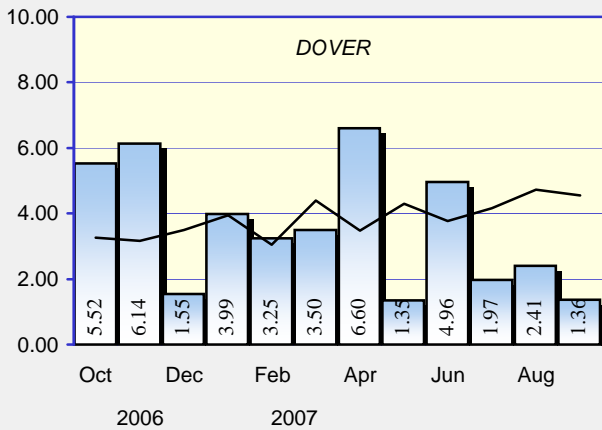
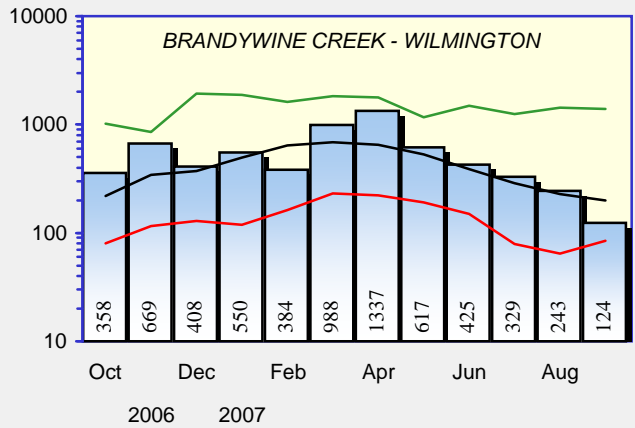
PRECIPITATION



Monthly Total
Measured in Inches







STREAMFLOWS

Monthly Average - CFS
(Provisional - Subject to Revision)

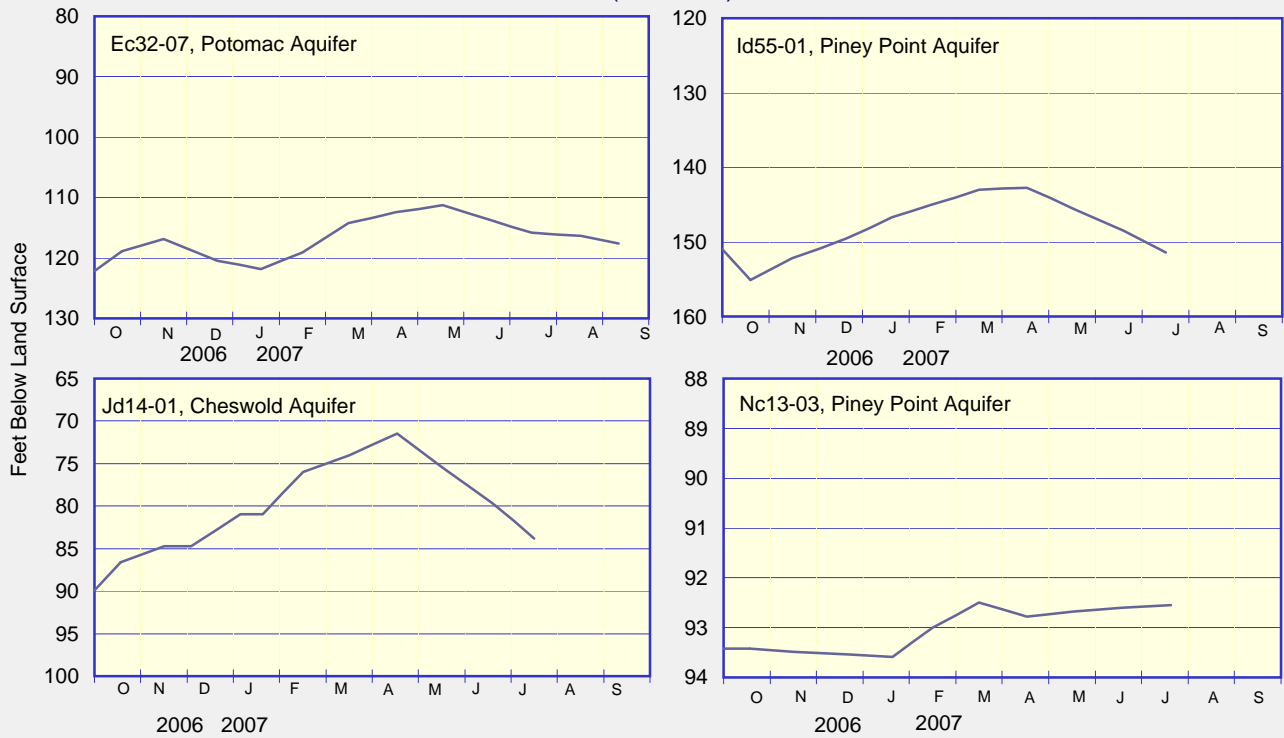


 Current monthly total
 Long term average

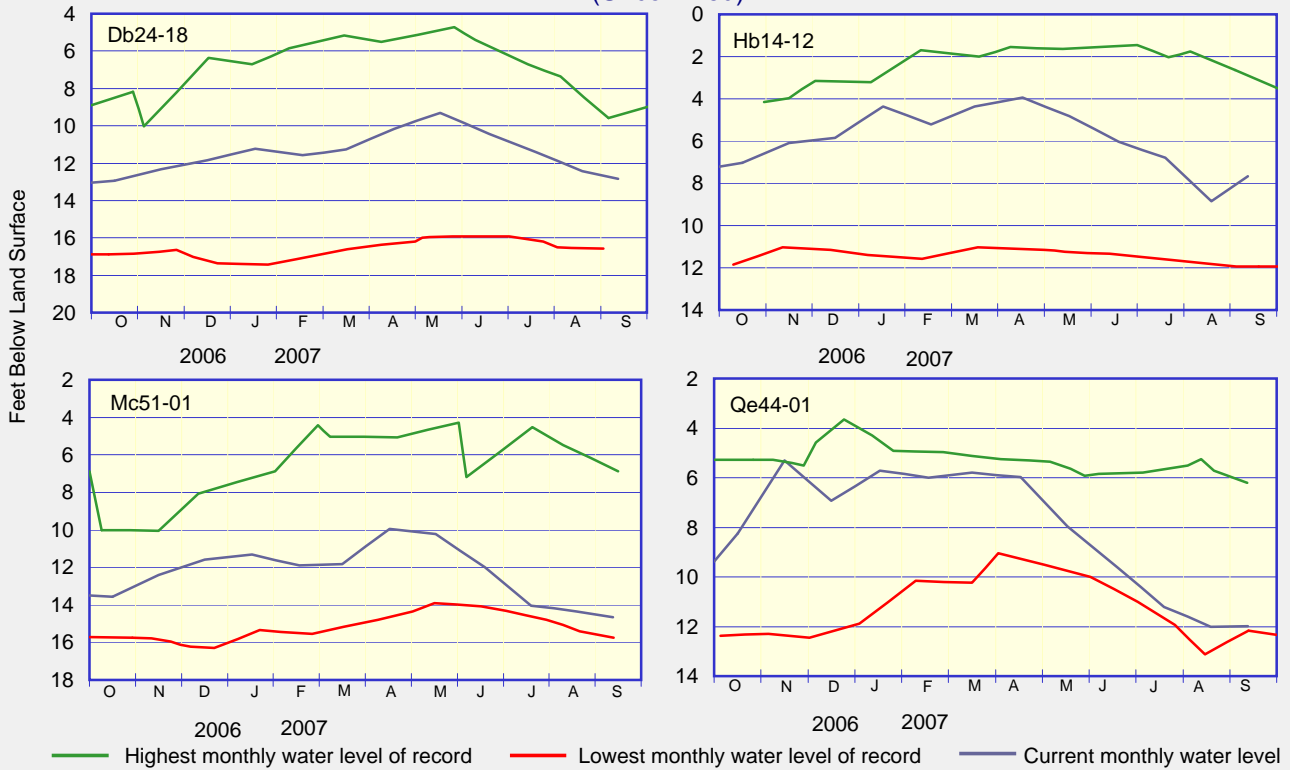
 Highest monthly mean discharge
 Lowest monthly mean discharge
 Current monthly mean discharge
 Median monthly mean discharge

GROUND-WATER LEVELS

ARTESIAN WELLS (Confined)

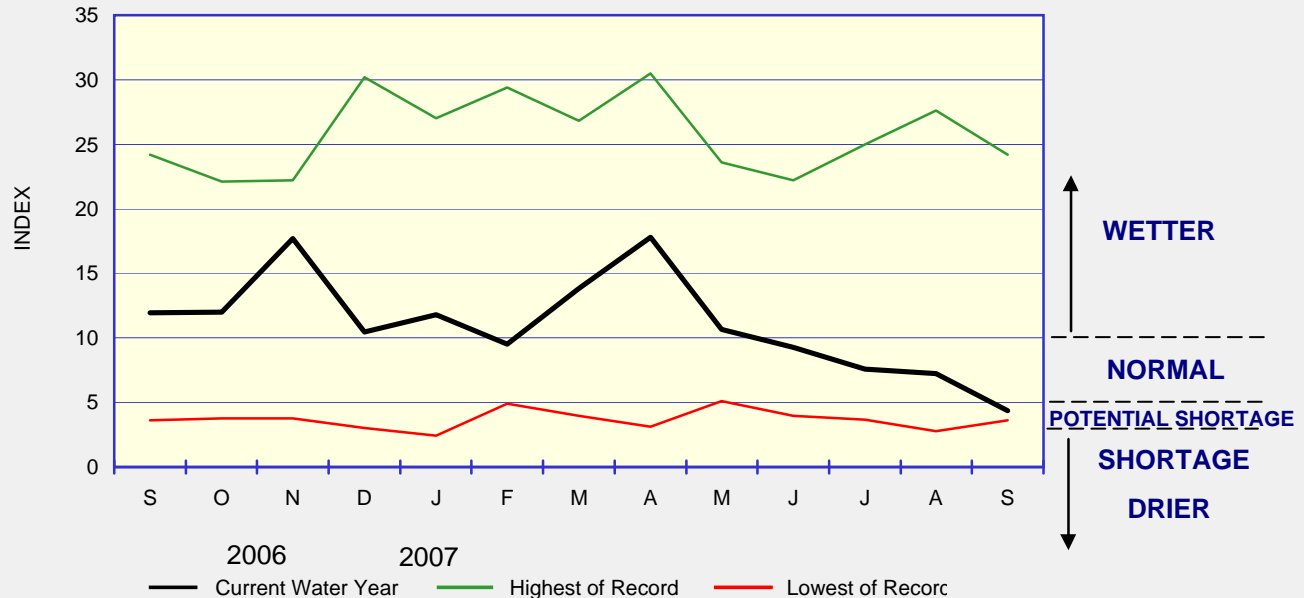


WATER-TABLE WELLS (Unconfined)



WATER CONDITIONS INDEX FOR NEW CASTLE COUNTY

The Water Conditions dropped into the Potential Shortage range for the month of September. The Index has been declining since May due to below normal precipitation recorded during May, July, and September at Porter Reservoir and during May, June, July and September at the Wilmington Airport. Flows on the Brandywine River were below normal for the month of September. Water levels recorded in well Db24-10 continued a seasonal decrease.



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Newark, DE 19716

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