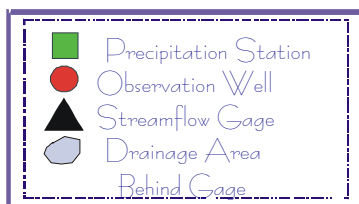
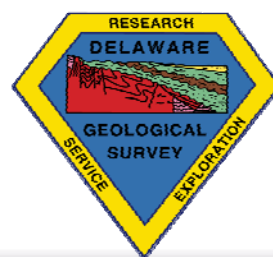
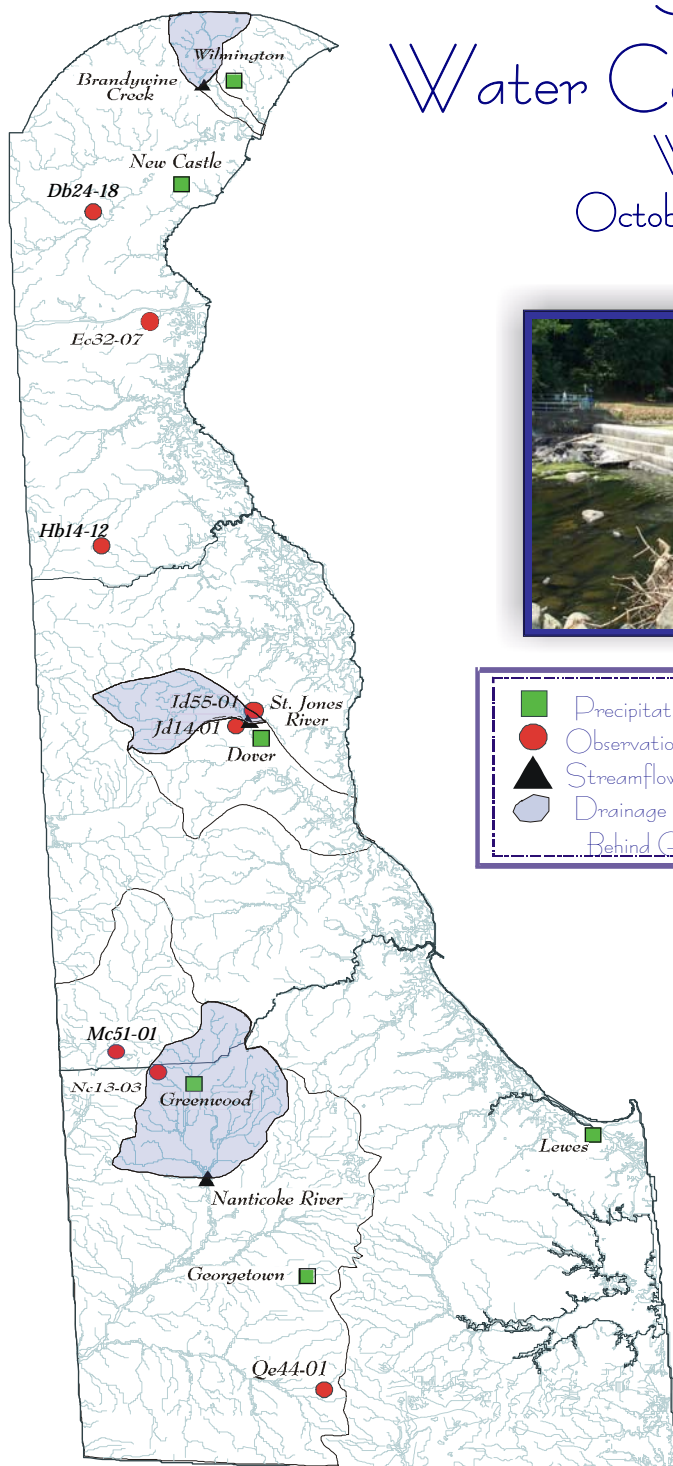


# DELAWARE GEOLOGICAL SURVEY

## Summary of Water Conditions in Delaware Water Year 2009 October, 2008 - July, 2009



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 Swartzentruber

### Photos

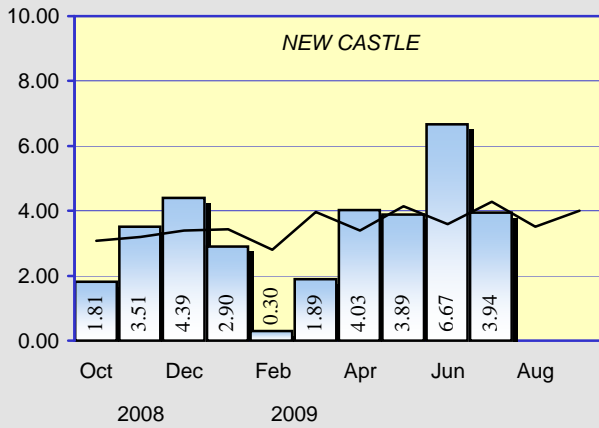
Brandywine Creek, drought of 2002  
Red Clay Creek, remnants of  
Tropical Storm Henri,  
September 15, 2003

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

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

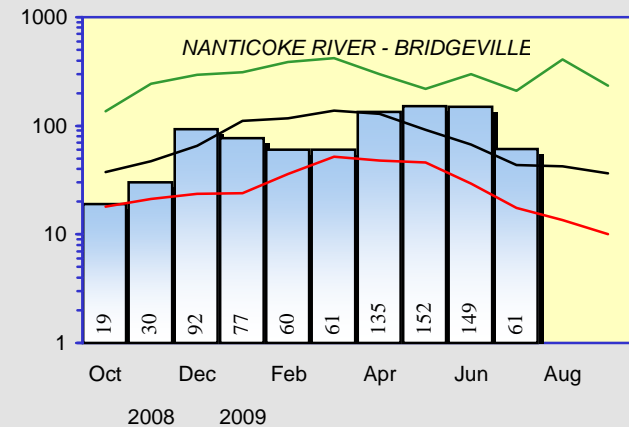
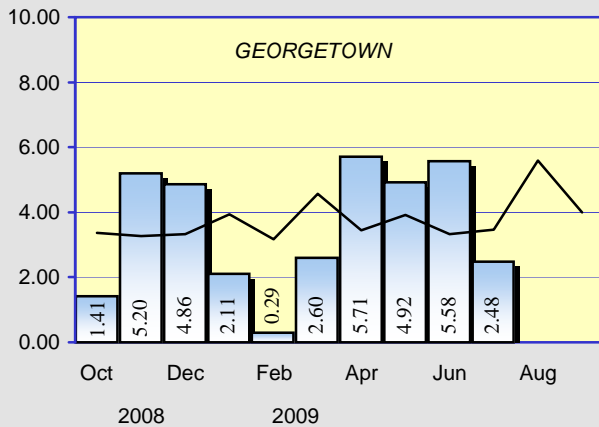
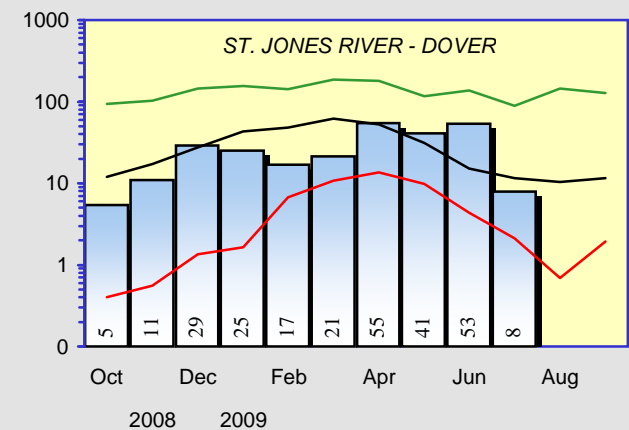
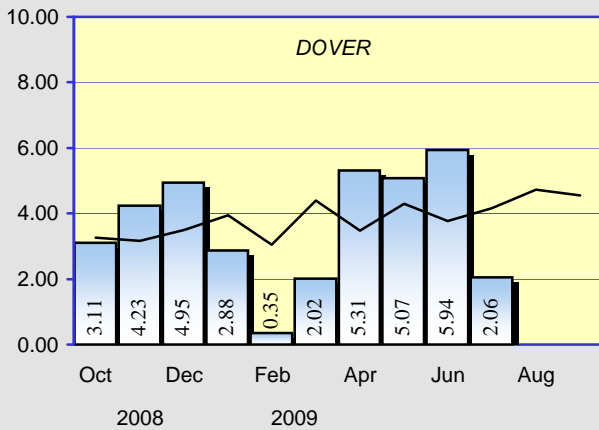
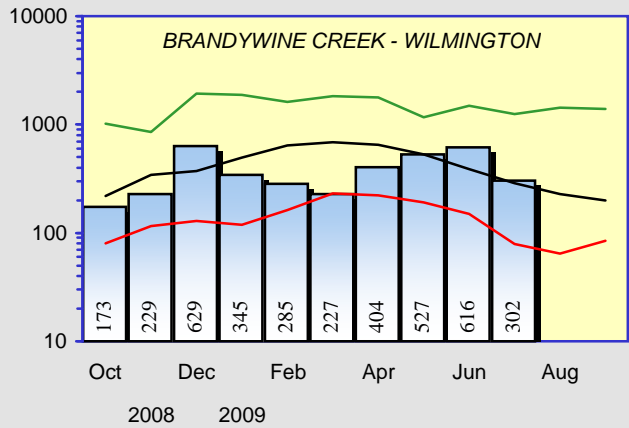
## PRECIPITATION



Monthly Total  
Measured in Inches







## STREAMFLOWS

Monthly Average - CFS  
(Provisional - Subject to Revision)

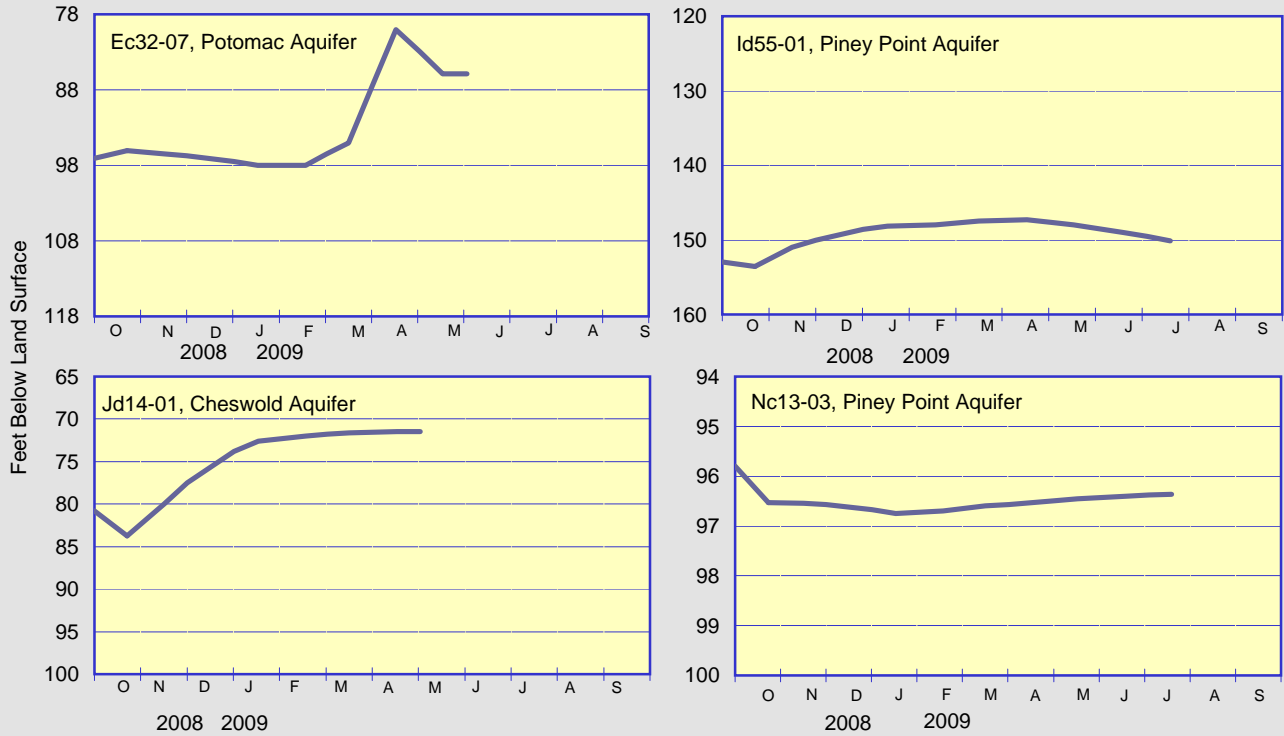


 Current monthly total  
 Long term average

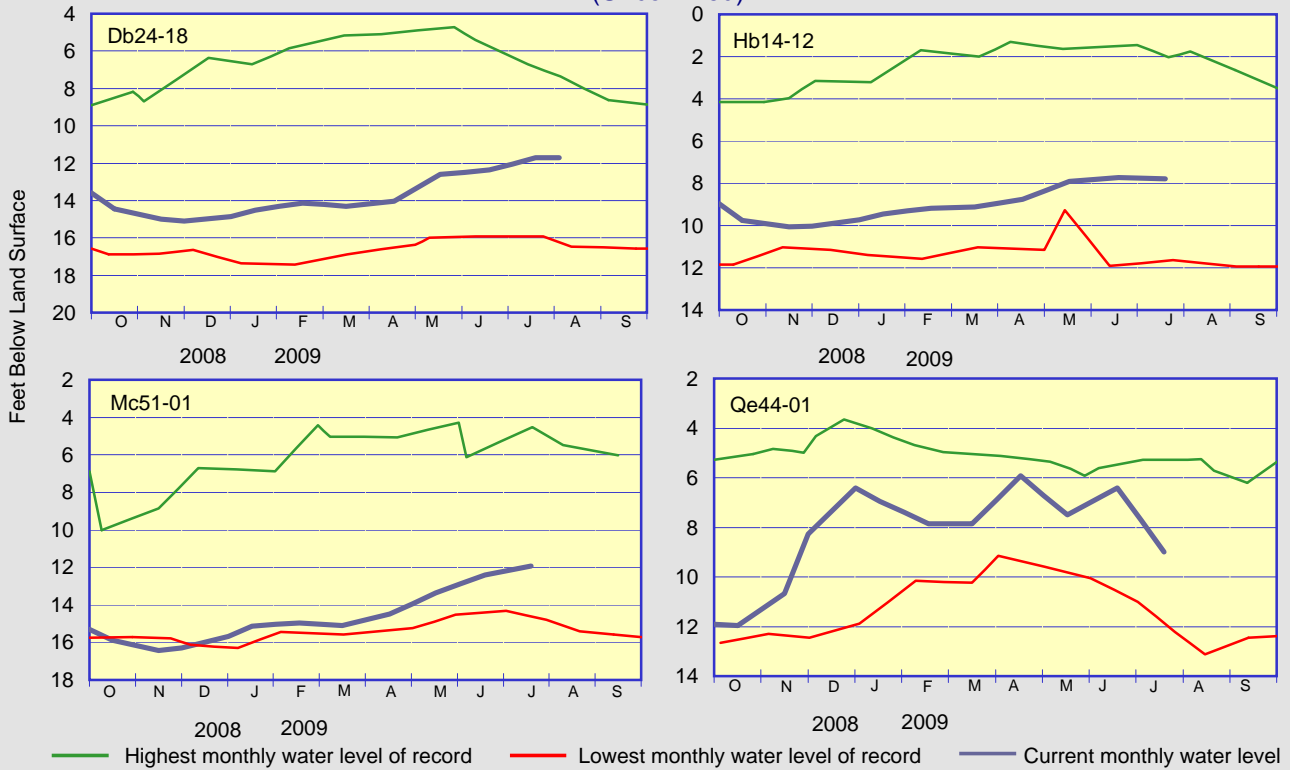
 Highest monthly mean discharge  
 Lowest monthly mean discharge  
 Current monthly mean discharge  
 Median monthly mean discharge

# GROUND-WATER LEVELS

## ARTESIAN WELLS (Confined)

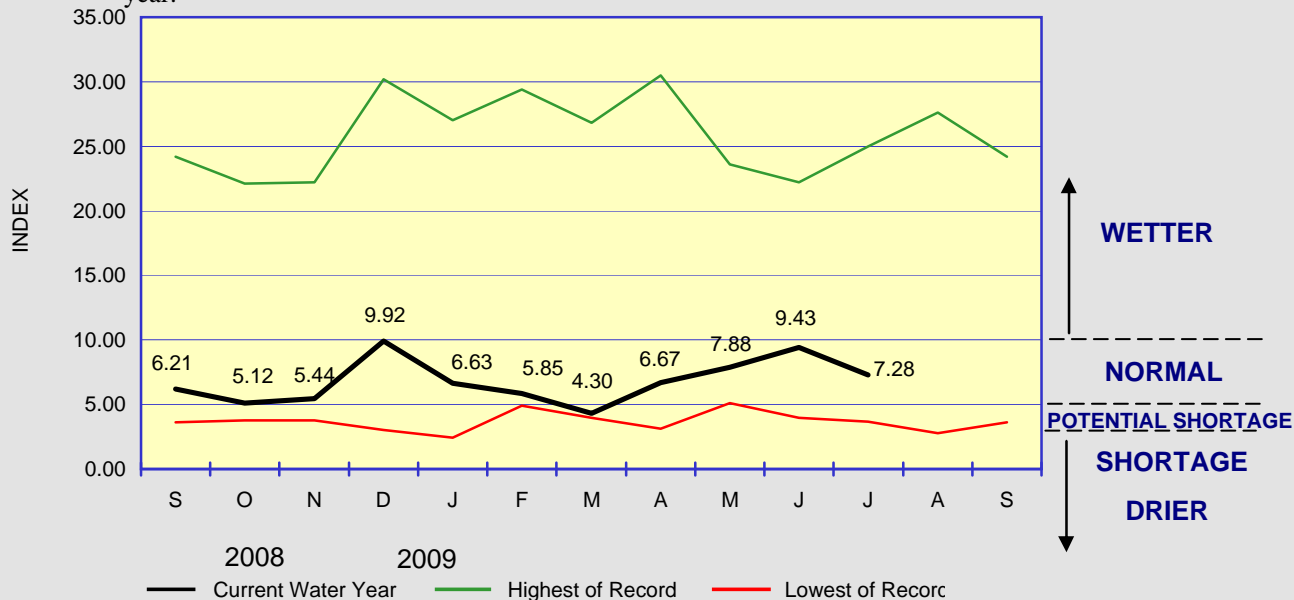


## WATER-TABLE WELLS (Unconfined)



## WATER CONDITIONS INDEX FOR NEW CASTLE COUNTY

The Water Conditions Index continued remained in the Normal range during the month of July. Normal flows occurred on streams in all three counties despite below normal precipitation in Kent and Sussex counties. Groundwater levels continued to rise in New Castle and Kent counties due to the above-normal precipitation that occurred in June. Grounwater levels in well Qe44-01 experienced a decline, which is typical for this time of year.



Delaware Geological Survey  
 University of Delaware  
 Newark, DE 19716

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 John H. Talley  
*Director and State Geologist*  
 John H. Talley and Stefanie J. Baxter  
*Editors, Summary of Water Conditions in Delaware*

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REQUESTS FOR PUBLICATIONS to:  
 Laura Wisk  
 Delaware Geological Survey  
 University of Delaware  
 Newark, DE 19716-7501  
 302-831-2834  
 delgeosurvey@udel.edu  
 www.dgs.udel.edu