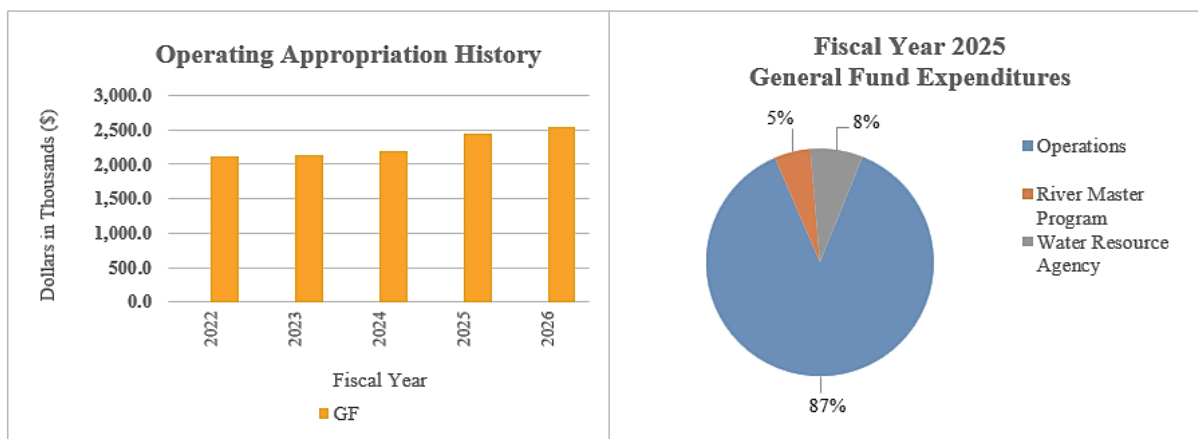


At a Glance

- Serve as a science-support agency for all branches of State government;
- Conduct programs for geologic, hydrologic and topographic mapping of Delaware and maintain databases of subsurface geologic borings, cores, well records and samples;
- Conduct hydrologic and geologic research and investigations and disseminate the results through public service, publications and the Internet;
- Manage all agreements with the U.S. Geological Survey and U.S. Bureau of Ocean Energy Management; and
- Maintain the Geological Survey building and all supporting equipment on the University of Delaware campus.



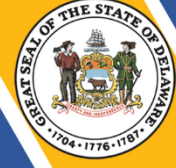
Overview

The Delaware Geological Survey (DGS) is a service-based agency whose mission is to provide objective earth science information, advice and service to its stakeholders: residents of Delaware, state agencies, local governments, policy makers, industries and educational institutions of Delaware. DGS conducts practical and applied geologic and hydrologic research and exploration for the benefit of the residents of Delaware. DGS disseminates information through the Internet, publications and public service.

On the Web

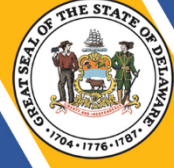
For more information, visit dgs.udel.edu.

Delaware Geological Survey



Performance Measures

IPU	Performance Measure Name	Fiscal Year 2025 Actual	Fiscal Year 2026 Budget	Fiscal Year 2027 Governor's Recommended
90-01-02	<i>Delaware Geological Survey</i>			
	# of geologic mapping square miles (cumulative)	2963	2992	3050
	# of DGS well records in database	60698	61211	61724
	# of water level records in database (millions)	45.3	48.7	52.1
	# of water salinity observations [salt water intrusion monitoring] (millions)	8.8	9.4	10.1
	# of stream gages	10	10	10
	# of tide gages	7	7	7



FY25-26 COMPLETED PRODUCTS

DGS Report of Investigations No. 86, *Kent County Groundwater Monitoring Project: Hydrogeology and Salinization Dynamics of Eastern Sussex County, Delaware*

DGS Geologic Map No. 29, *Geologic Map of the Wyoming Quadrangle, Delaware*

DGS Geologic Map No. 30, *Geologic Map of the Coastal Plain Portions of the Newark West, Newark East, and Wilmington South Quadrangles, Delaware*

DGS 2023-2024 Annual Report of Programs & Activities

3D View of Delaware Aquifers Web Application [v2025]

Delaware Geological Survey Borehole Log Mapper Web Application [v2025]

FY26-27 PRODUCTS IN PROGRESS

DGS Report of Investigations No. 87, *Geological Characterization of Miocene sediments of the Marshyhope core site (Nb53-08), northwest Sussex County*

DGS Report of Investigations No. 88, *Stratigraphic Geometry and Facies Characteristics of the Potomac Formation near the Chesapeake and Delaware Canal, Delaware, on the basis of a Reflection Seismic Survey and Well Data*

DGS Report of Investigations No. 89, *Vertical Land Motion in Delaware*

DGS Report of Investigations No. 90, *Back-barrier Flooding in Slaughter Beach, Delaware*

DGS Report of Investigations No. 91, *Deicer Salt Transport in Groundwater Beneath Two Stormwater BMP Sites*

DGS Open File Report No. 57, *Groundwater Monitoring Procedures Part 2: Equipment and Procedures for Groundwater Sample Collection from Monitoring Wells (in press)*

DGS Open File Report No. 58, *The Middle Atlantic Stratigraphic Equivalency Project: Establishing Interstate Stratigraphic Relationship from Virginia to New Jersey*

DGS Open File Report No. 59, *The Potomac Formation in Five Core Sites in New Castle County, Delaware*

DGS Geologic Map No. 33, *Geologic Map of the Kenton Quadrangle, Delaware*