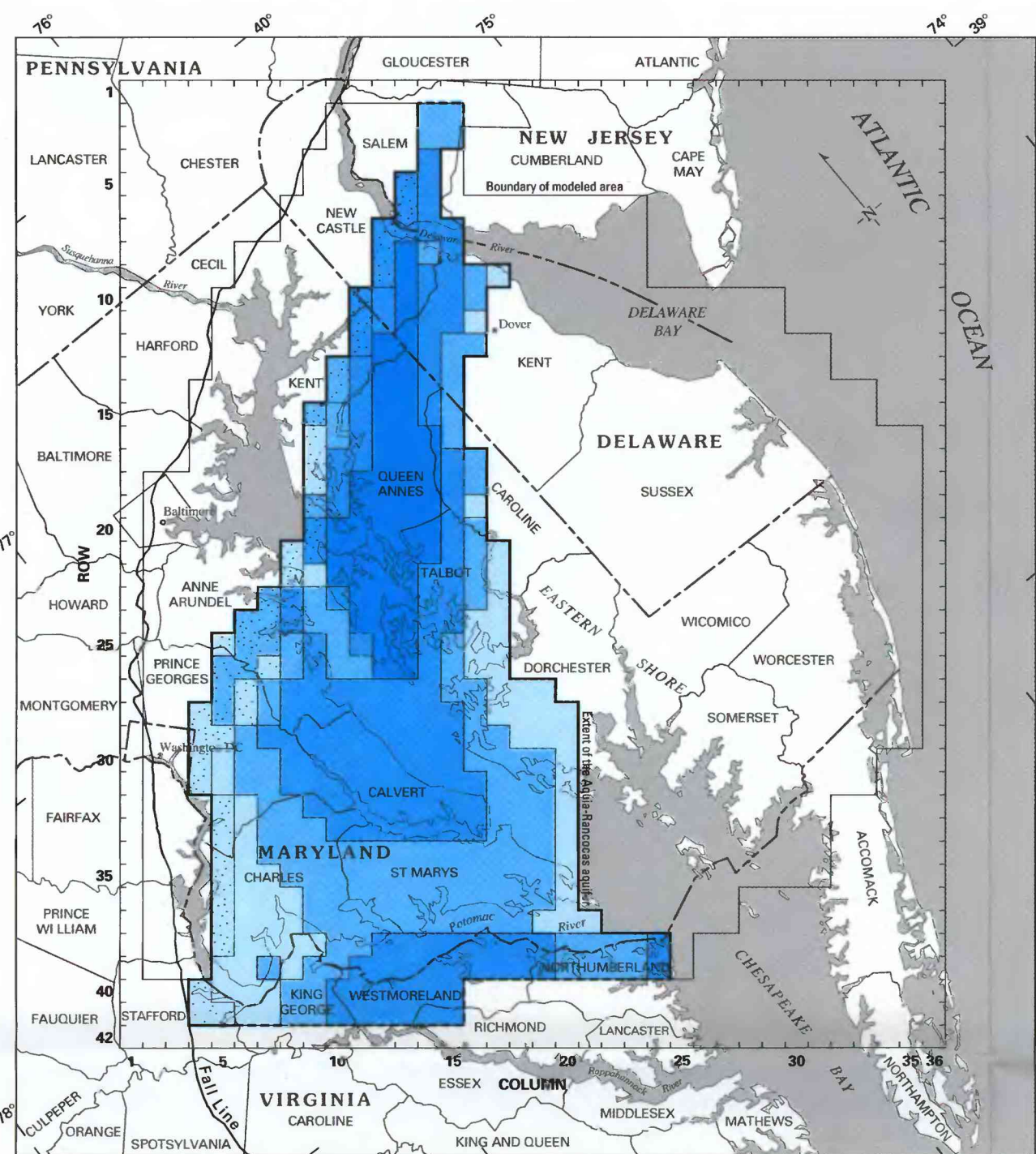
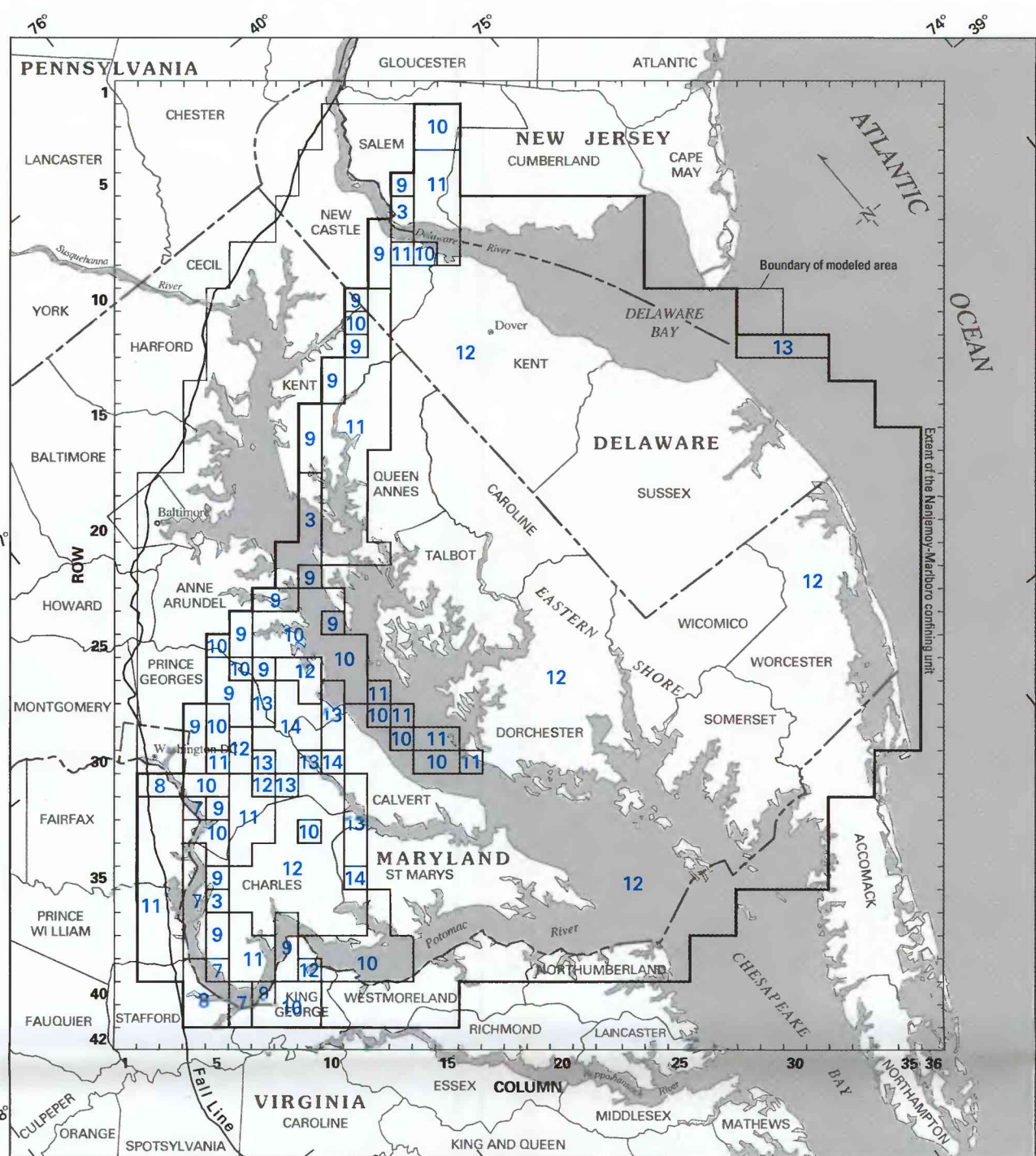
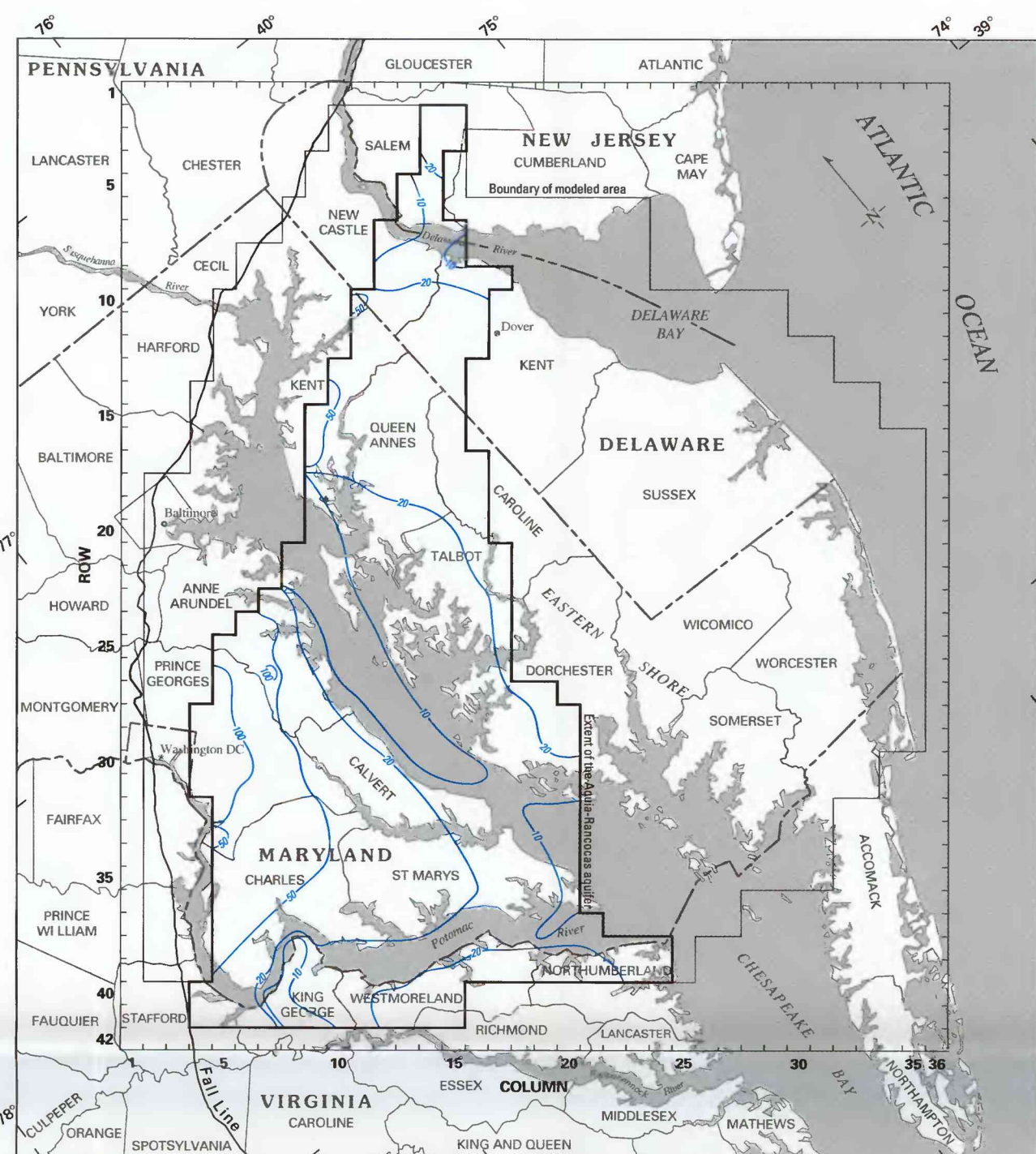




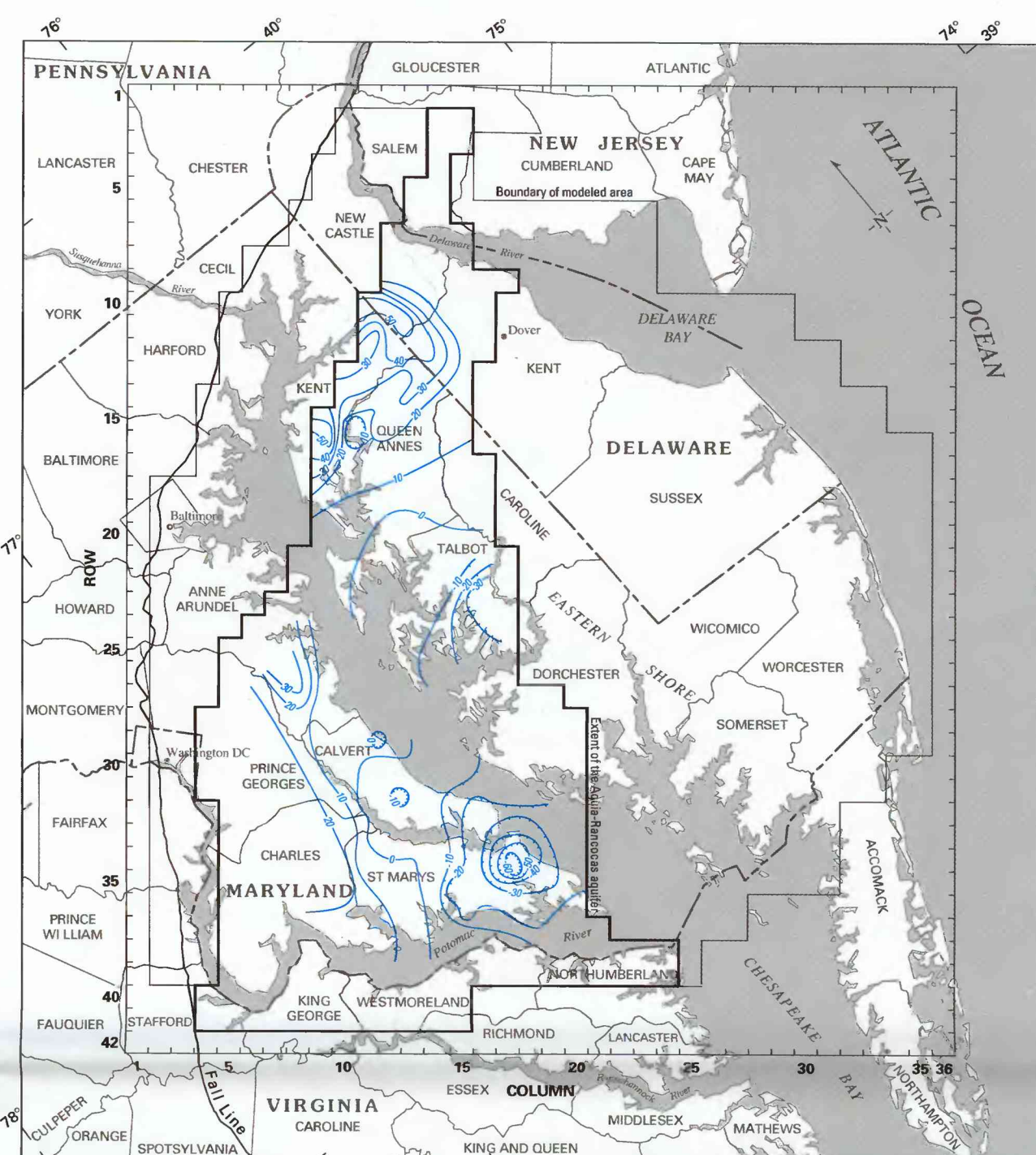
A. Transmissivity, boundary conditions, and extent of the Aquia-Rancocas aquifer as used in model



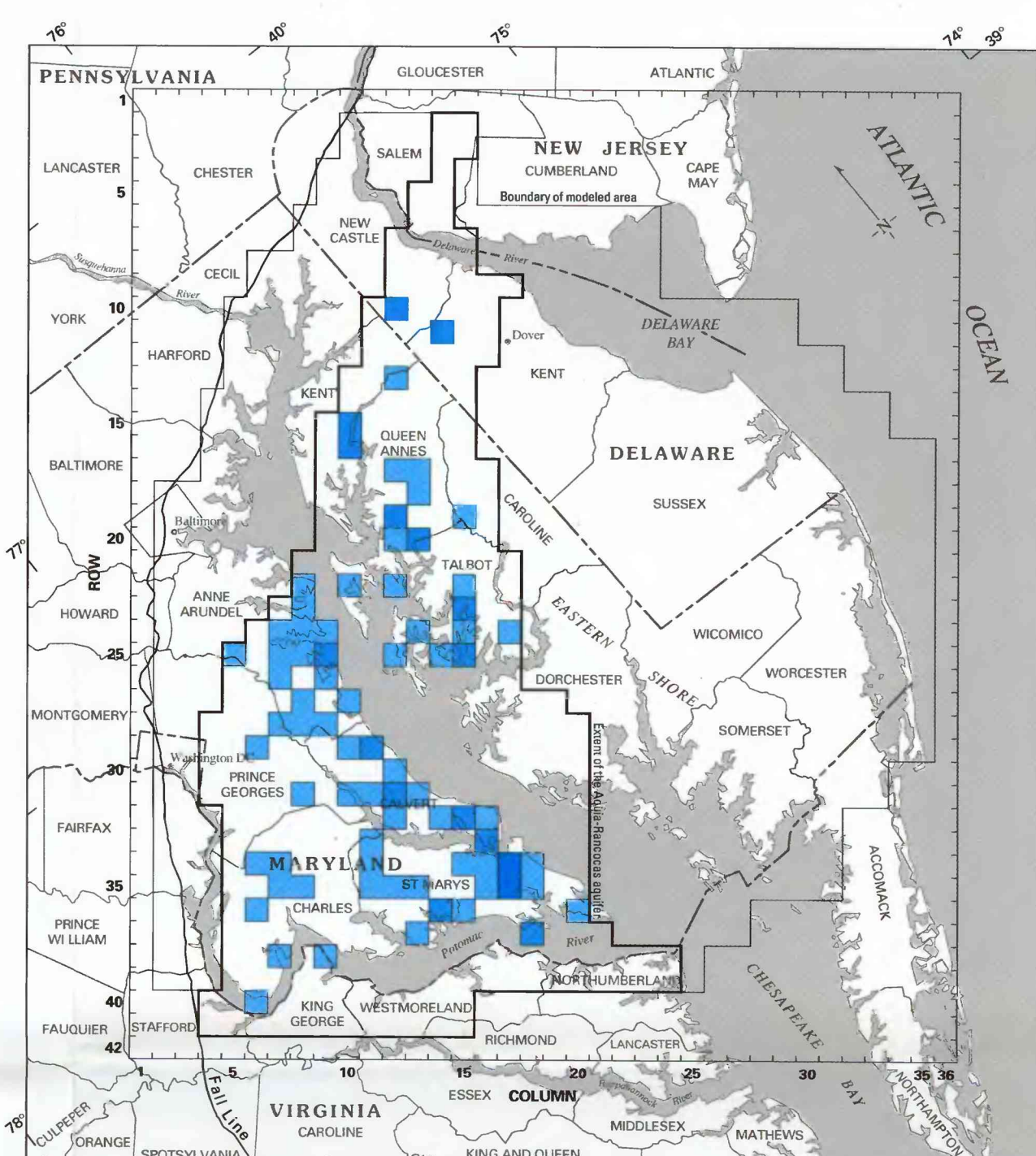
B. Leakage values of the Nanjemoy-Marlboro confining unit used in model



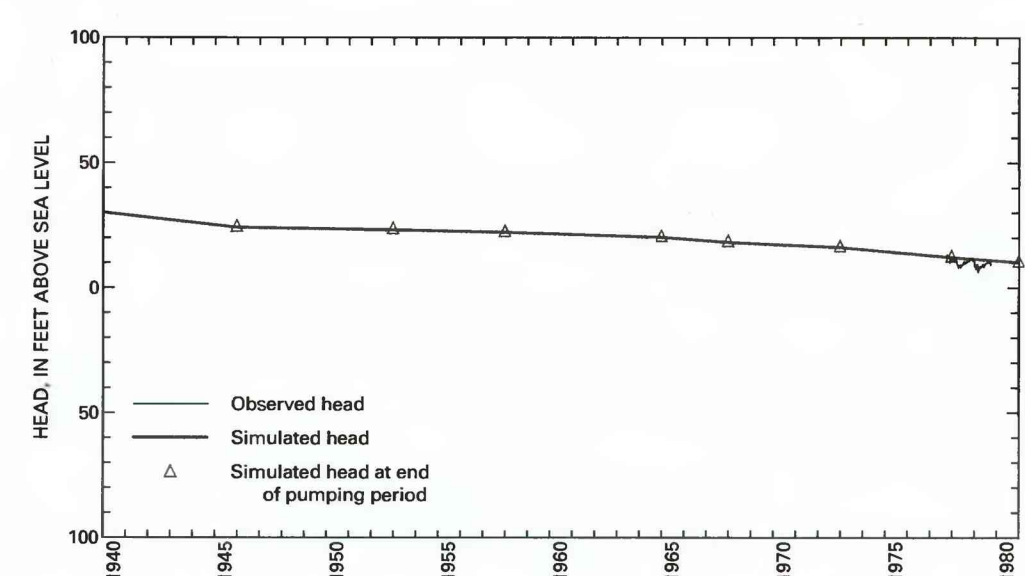
C. Simulated heads of the Aquia-Rancocas aquifer for prepumping conditions



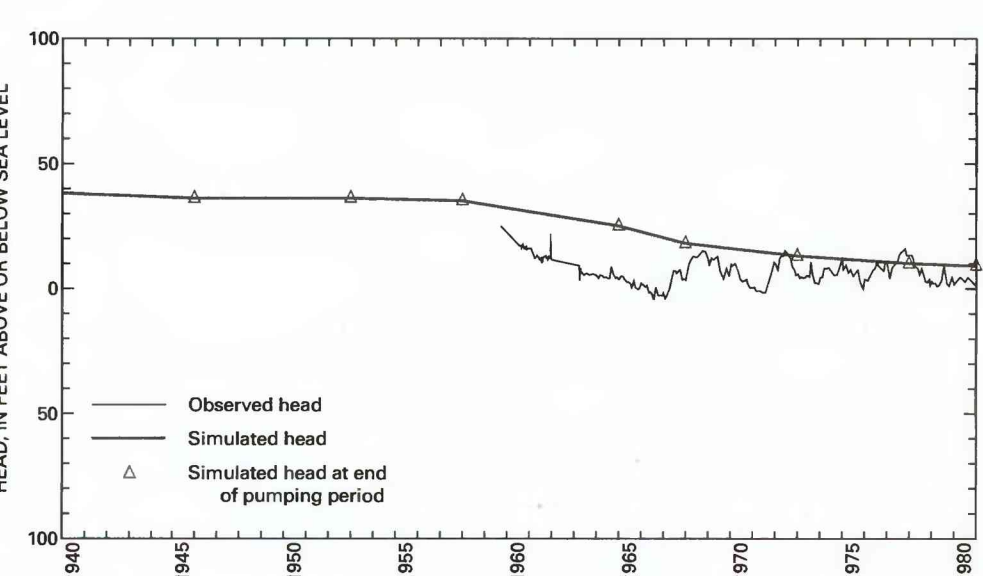
D. Observed heads of the Aquia-Rancocas aquifer for 1980



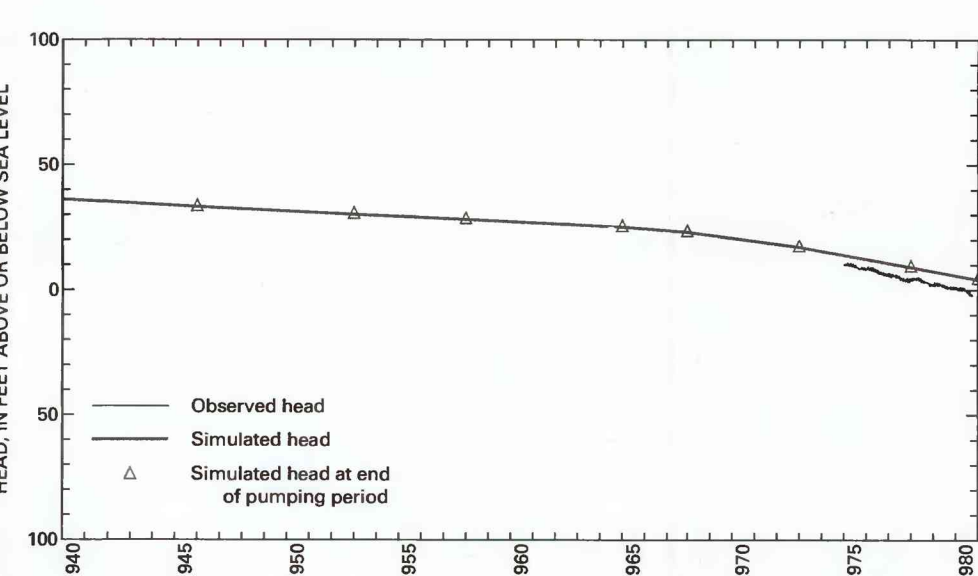
E. Location and magnitude of pumpage (1978-80) for the Aquia-Rancocas aquifer as used in model



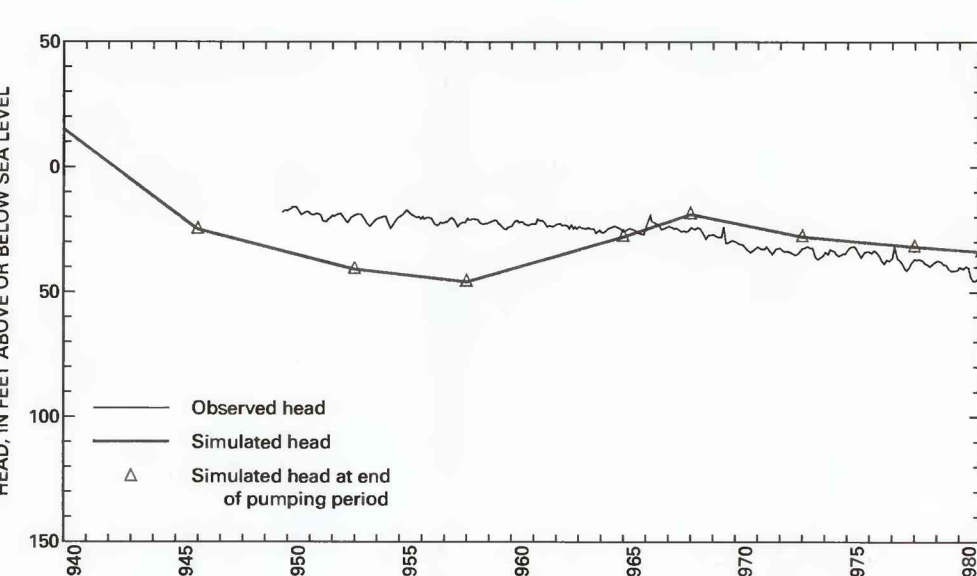
G. Simulated and observed head for the Aquia-Rancocas aquifer at well QA Be 17



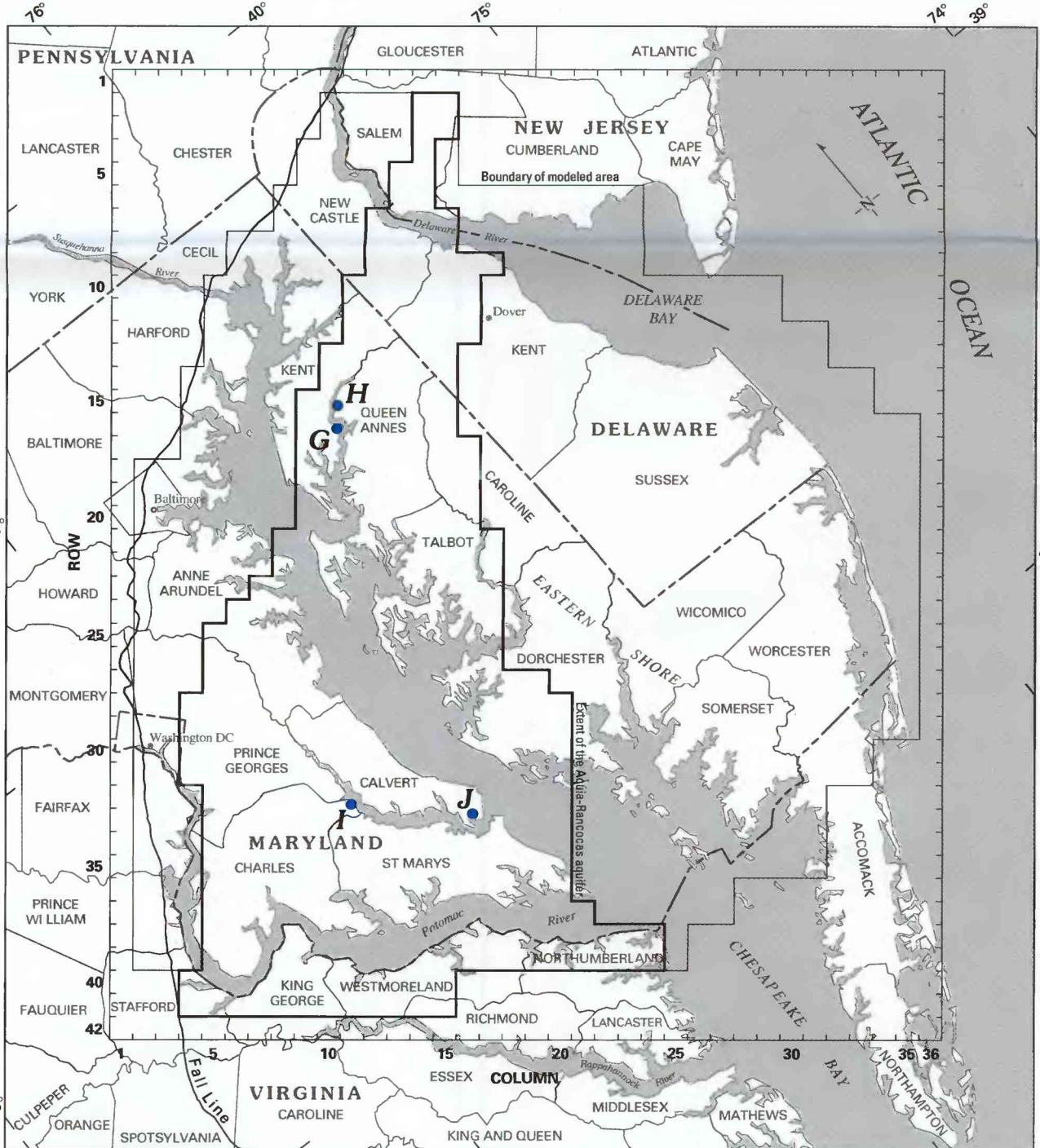
H. Simulated and observed head for the Aquia-Rancocas aquifer at well KC Cd 44



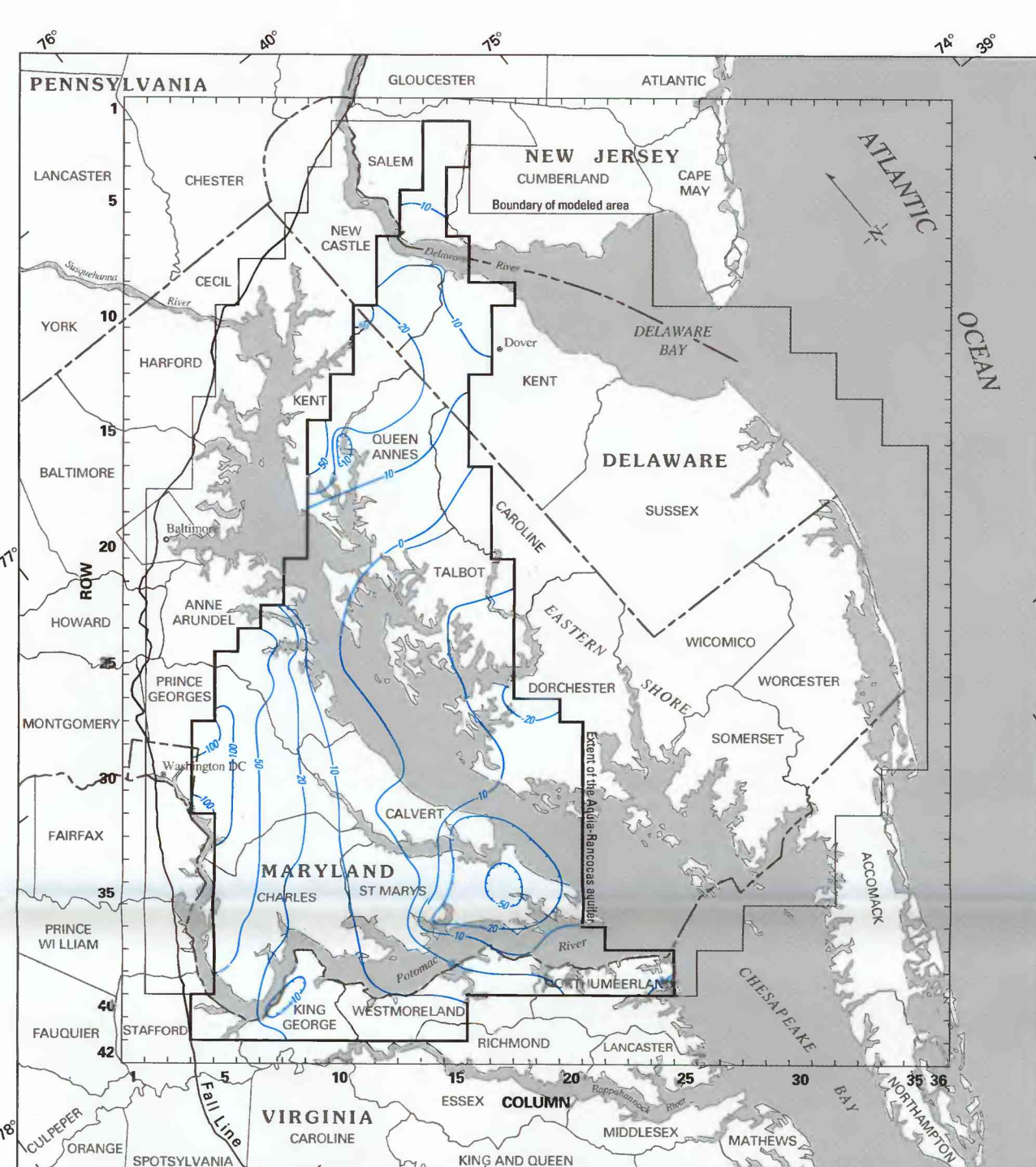
I. Simulated and observed head for the Aquia-Rancocas aquifer at well PG H 42



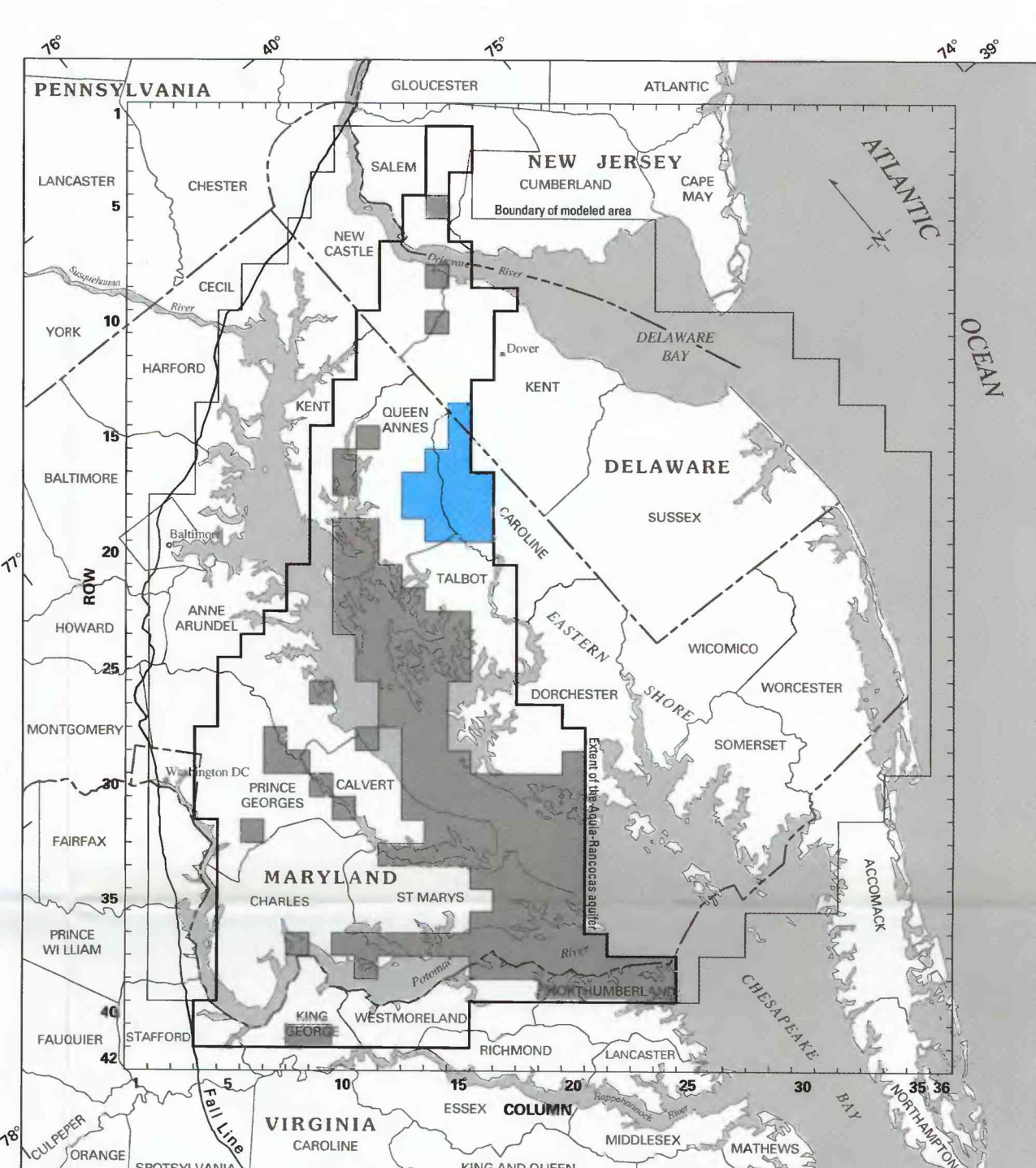
J. Simulated and observed head for the Aquia-Rancocas aquifer at well CA Cd 6



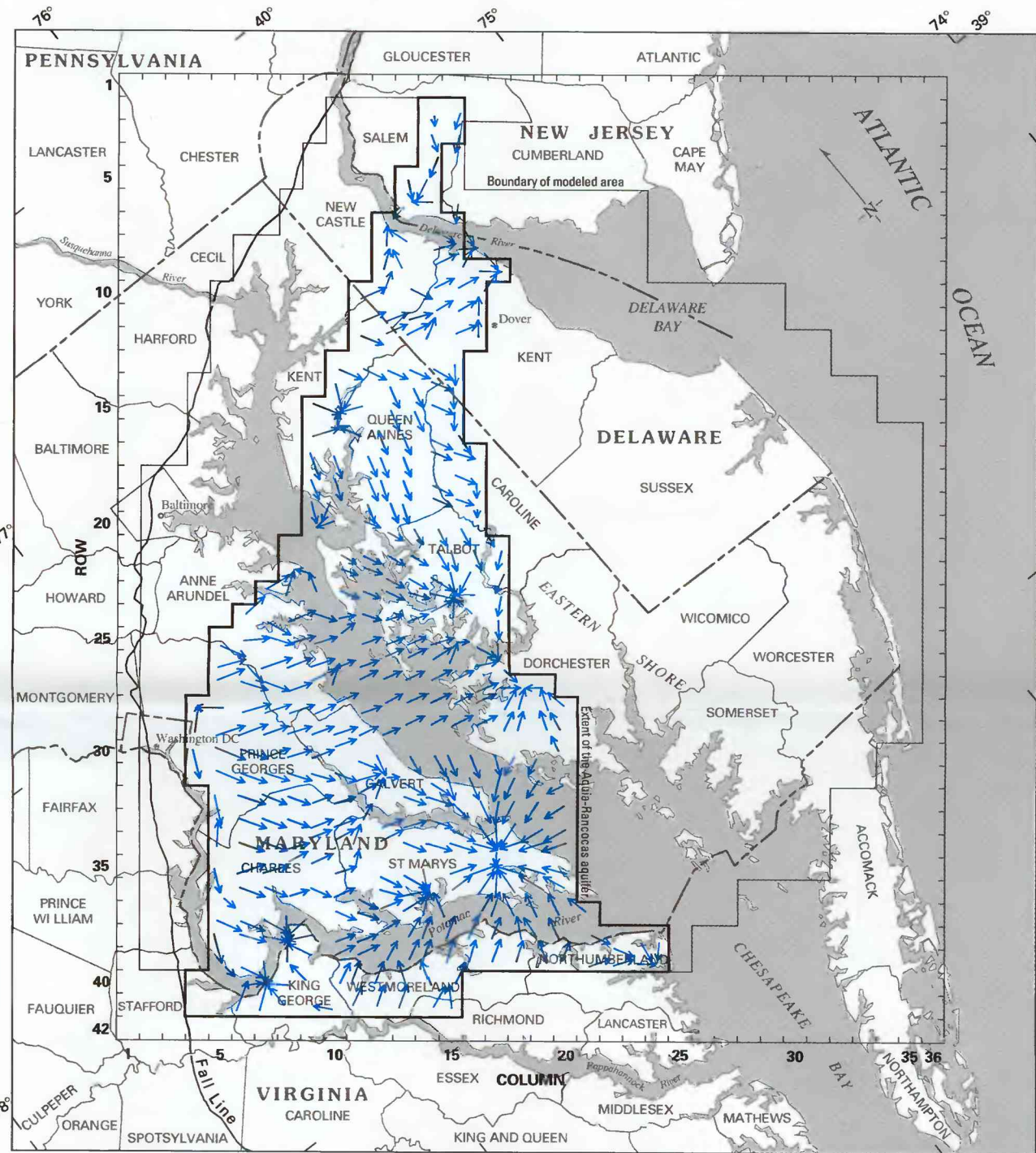
F. Location of wells for accompanying hydrographs



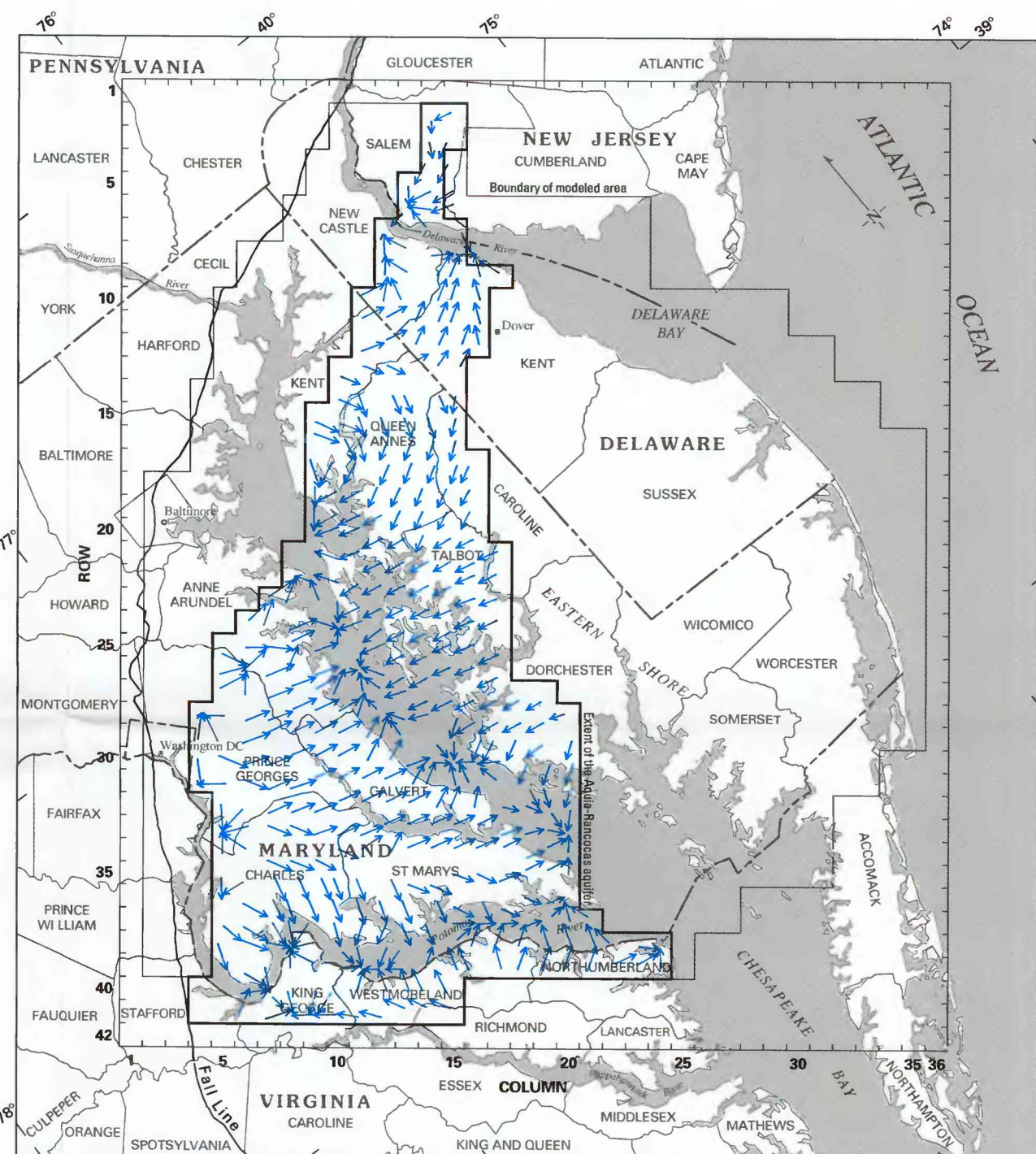
K. Simulated heads of the Aquia-Rancocas aquifer for pumping period 10, 1978-80



L. Reversals in the direction of vertical flow through the Nanjemoy-Marlboro confining unit, from simulations of prepumping conditions to pumping conditions during 1978-80



M. Simulated direction and magnitude of ground-water flow in the Aquia-Rancocas aquifer during pumping period 10, 1978-80



N. Simulated direction and magnitude of ground-water flow in the Aquia-Rancocas aquifer during prepumping conditions

O. Ground-water budget analysis of the Aquia-Rancocas aquifer by simulation

Principal sources and sinks	Prepumping				Pumping period 10, 1978-80			
	Cubic feet per second	Percentage of sources	Cubic feet per second	Percentage of sinks	Cubic feet per second	Percentage of sources	Cubic feet per second	Percentage of sinks
Areal ground-water recharge	640.6	95.2	—	—	640.6	95.2	0	—
Surface water	0	0	637.5	94.9	0	0	631.8	93.7
Leakage through confining units	31.9	4.7	34.0	5.1	31.0	4.6	28.4	4.3
Constant-flux boundary	0.7	0.1	0.2	<0.1	0.7	<0.1	0.5	<0.1
Storage	0	0	0	0	0	0.1	<0.1	<0.1
Pumpage	—	—	0	0	—	—	9.0	1.3
Total	672.2	100.0	671.8	100.0	672.1	100.0	674.6	100.0
Percent error	—	0.2	—	—	—	0.2	—	—

