

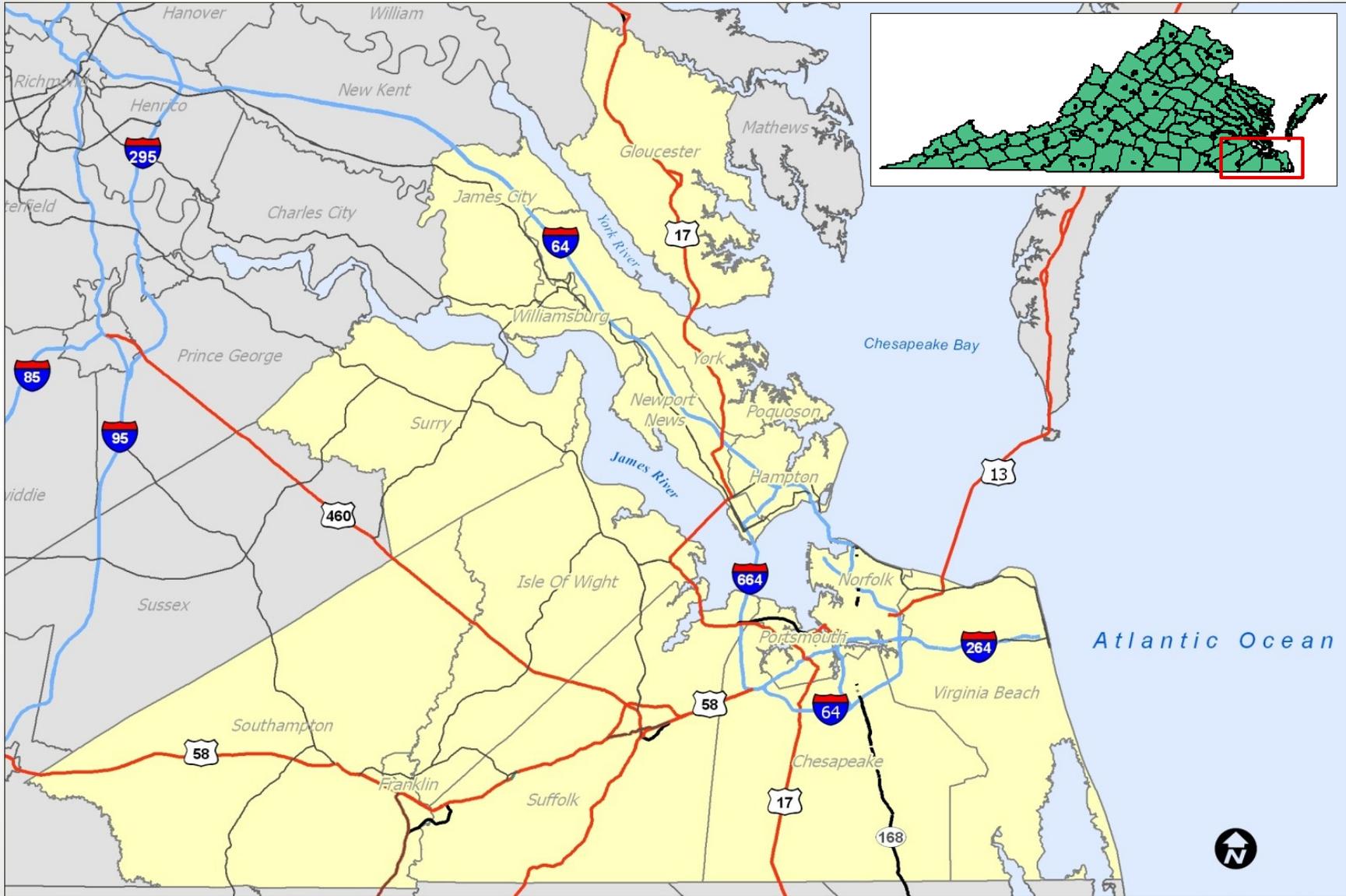
2019 Water Level Trends

Whitney S. Katchmark, P.E.

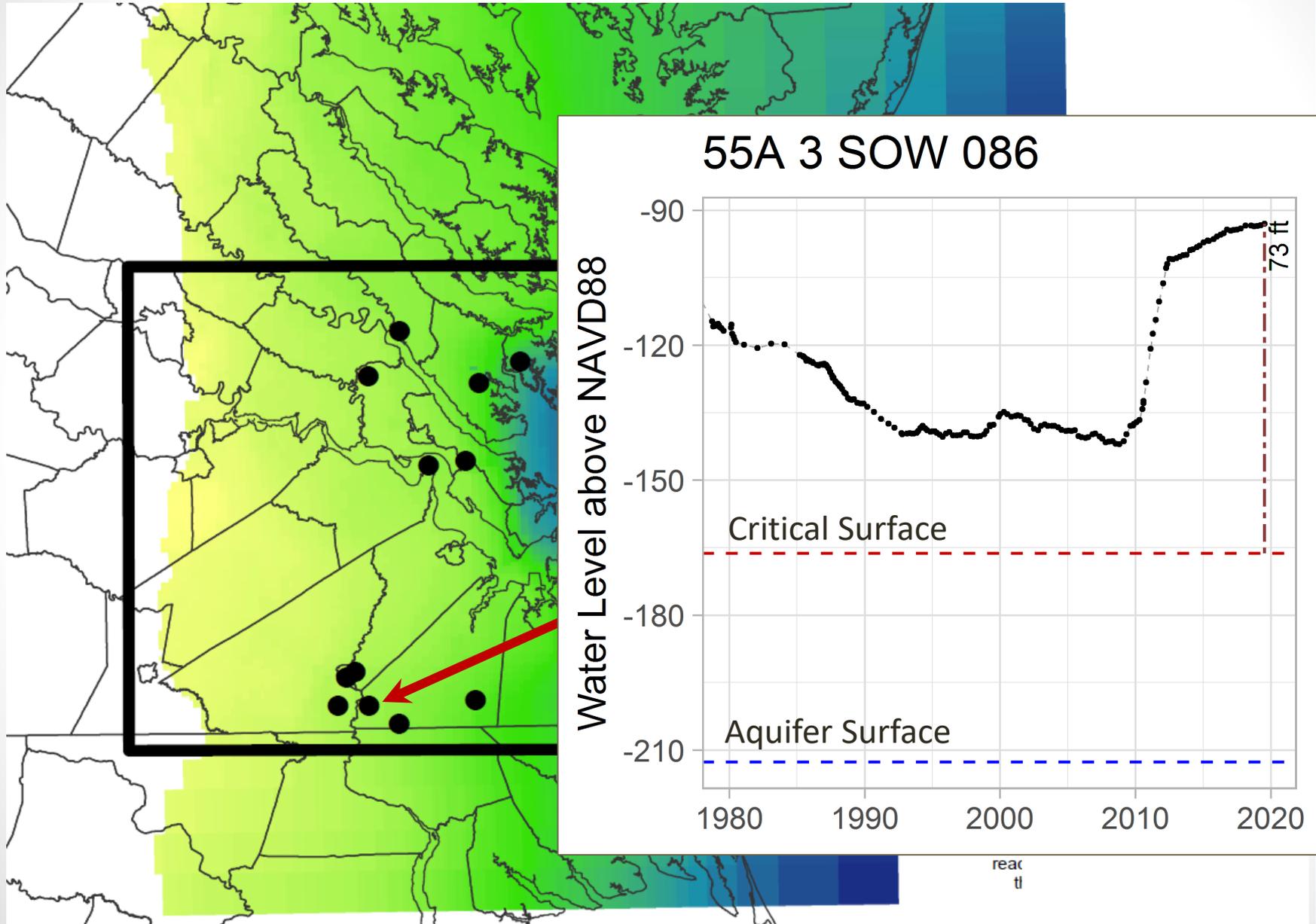
Hampton Roads Planning District Commission

November 15, 2019



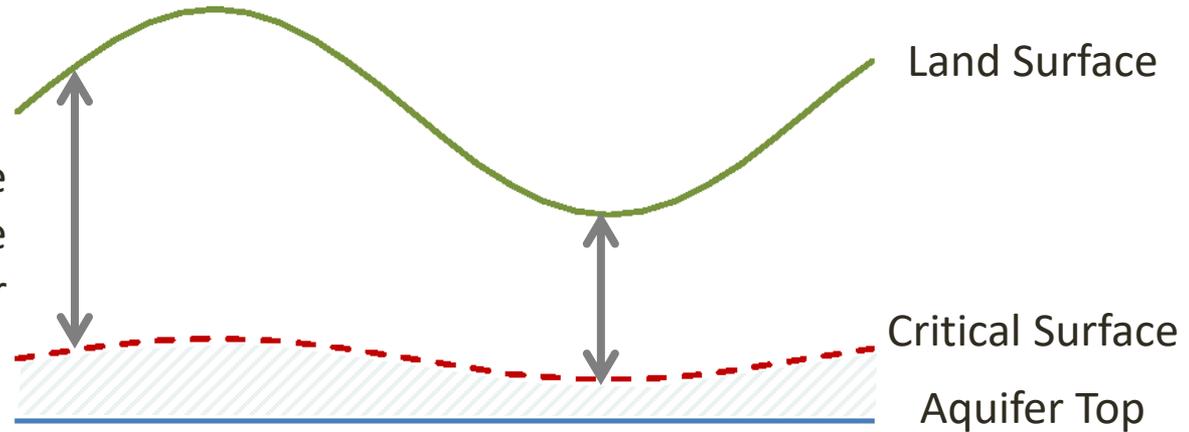


USGS Monitoring Wells

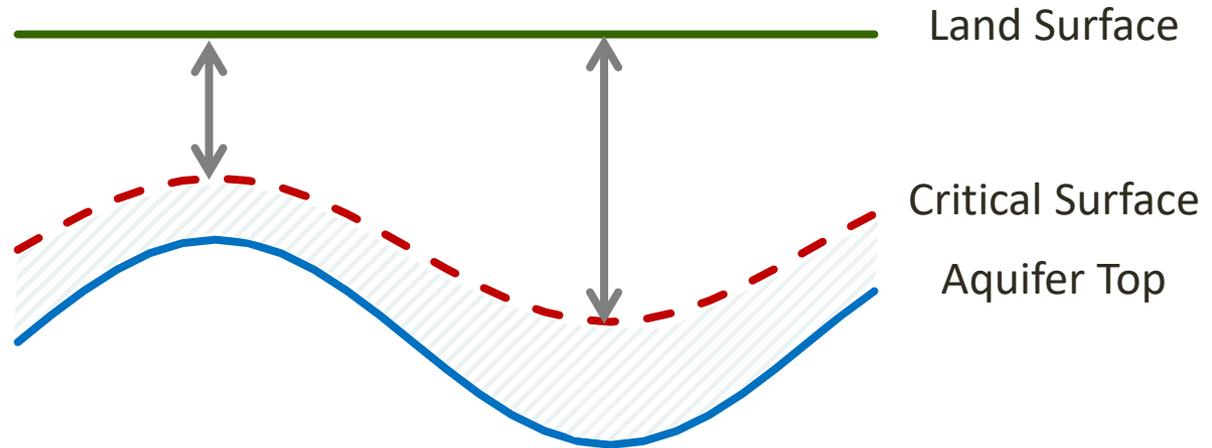


Definition of Critical Surface

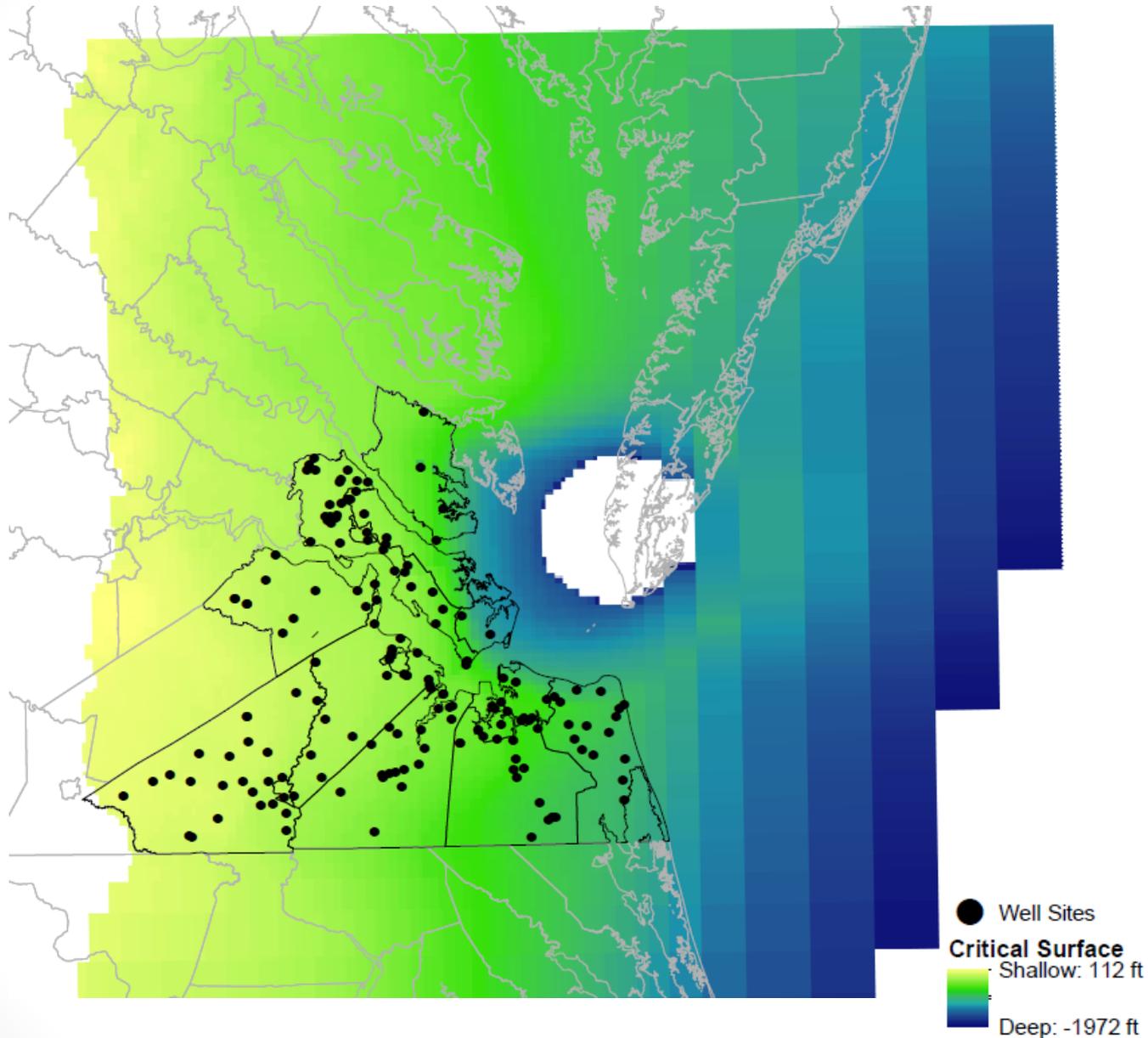
80% of the distance
between the land surface
and top of aquifer



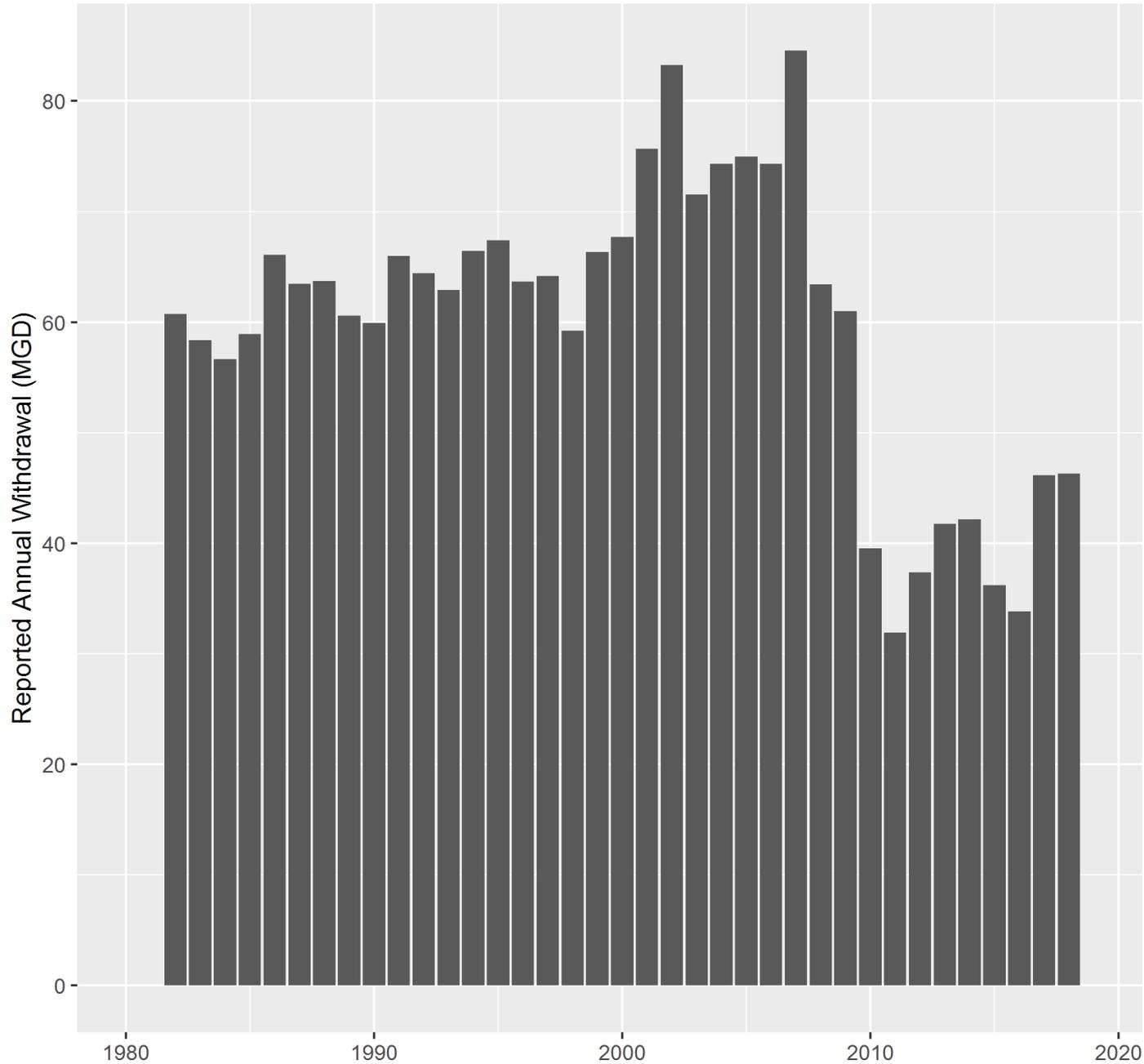
80% of the distance
between the land surface
and top of aquifer



Location of Permitted Groundwater Withdrawals



Actual Groundwater Withdrawals in Hampton Roads



Largest Groundwater Users



International Paper Mill Withdrawals

