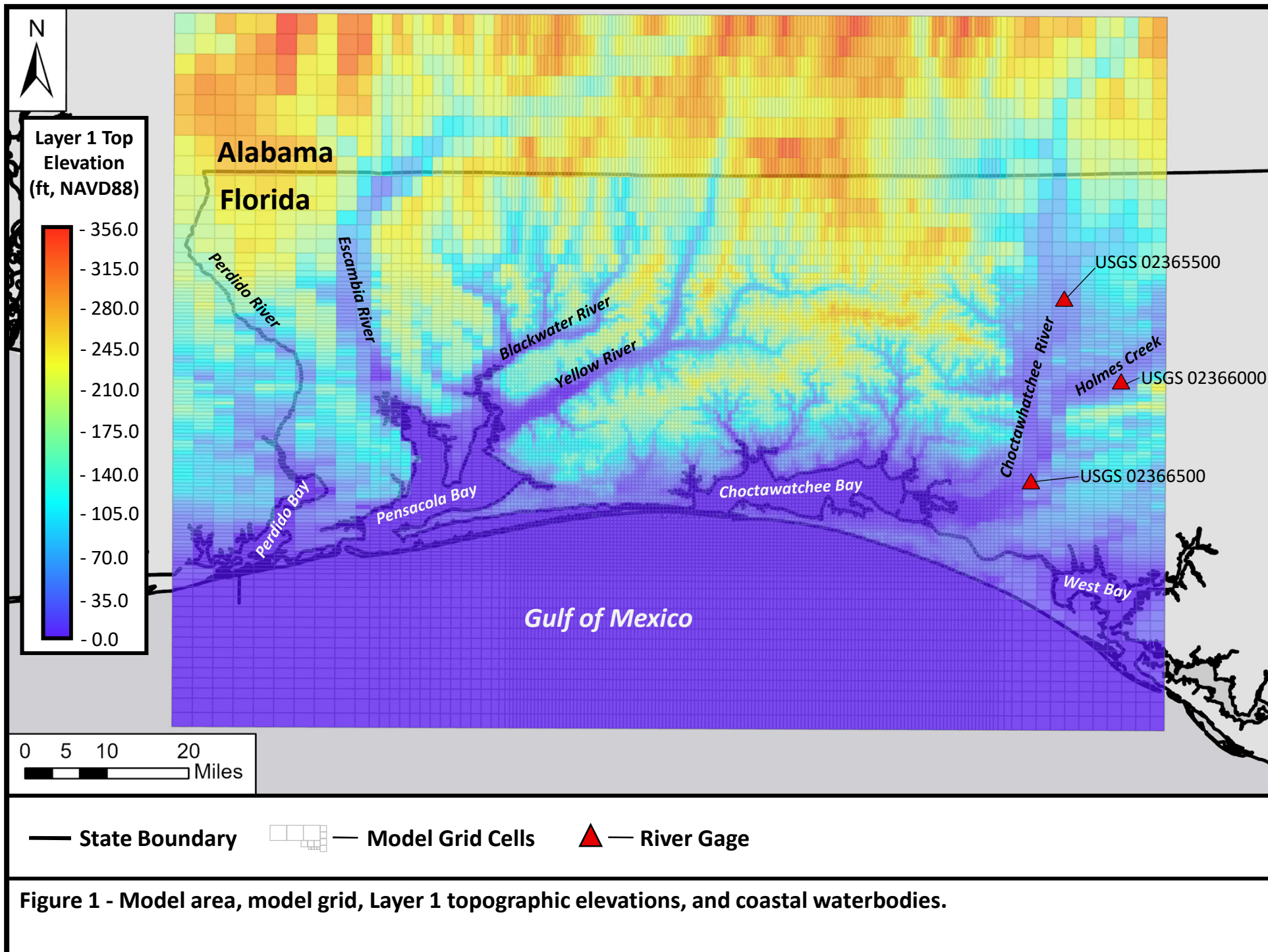




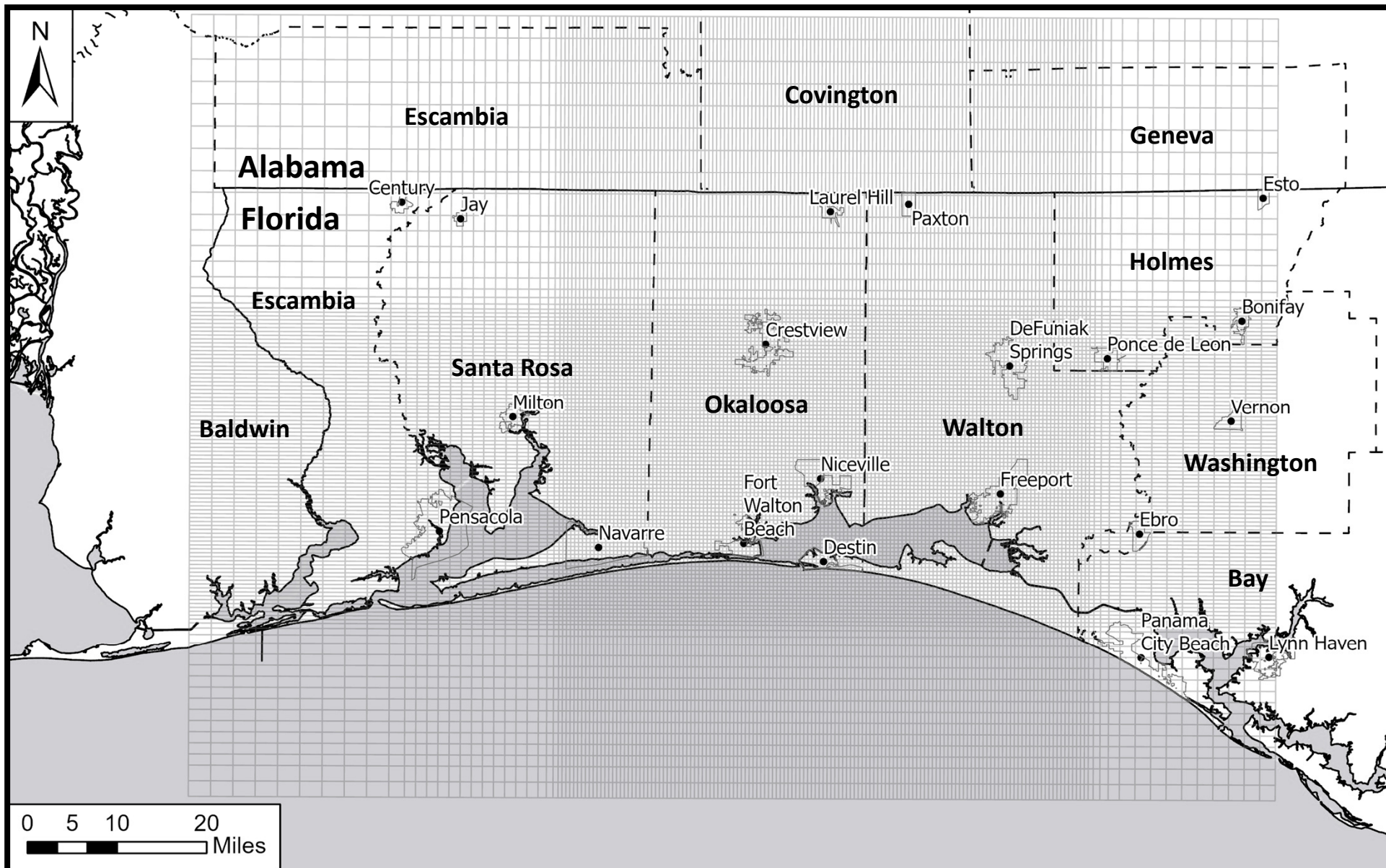
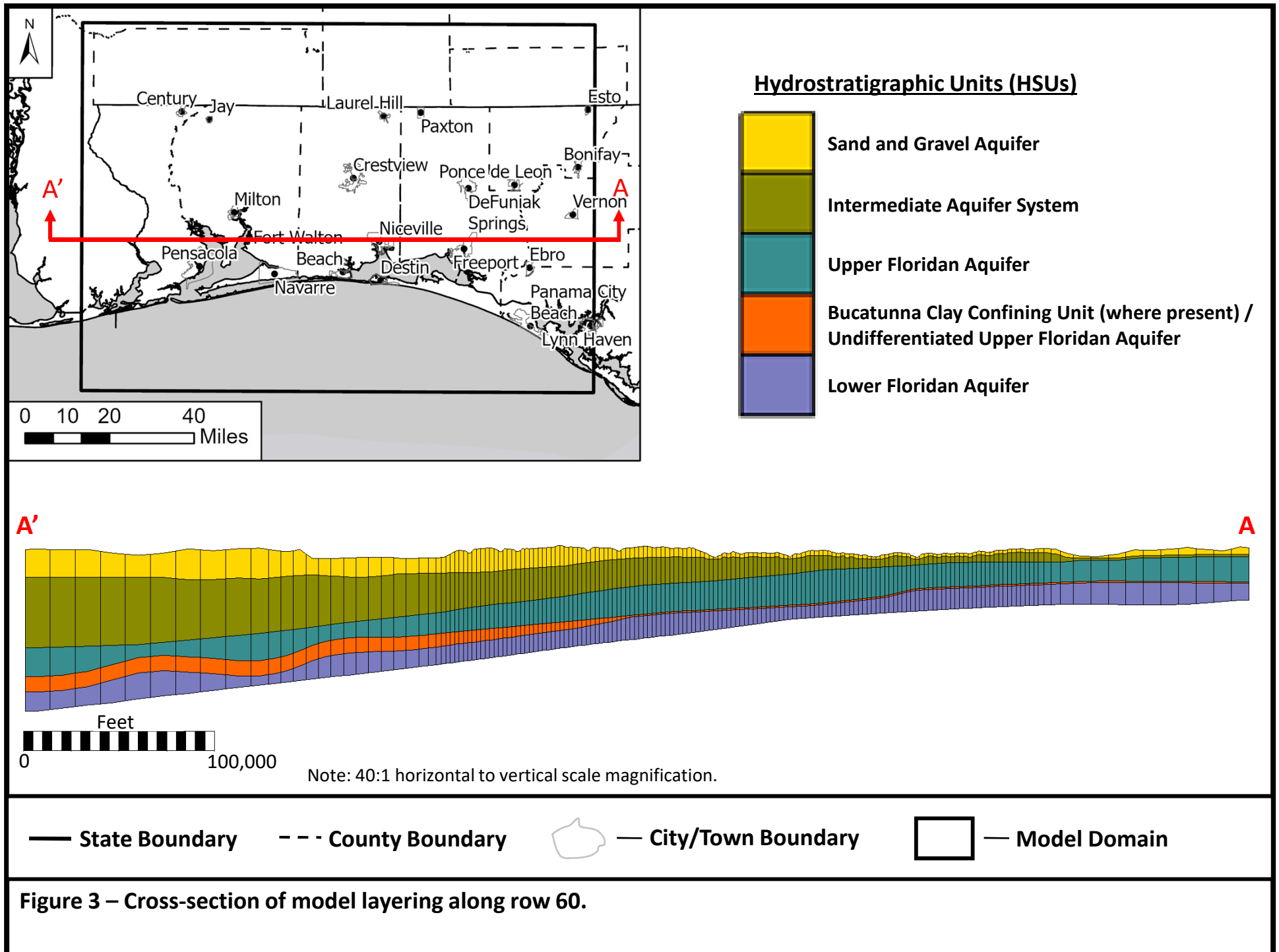


Figure 2 - Model area, model grid, county boundaries, and major Florida cities/towns.



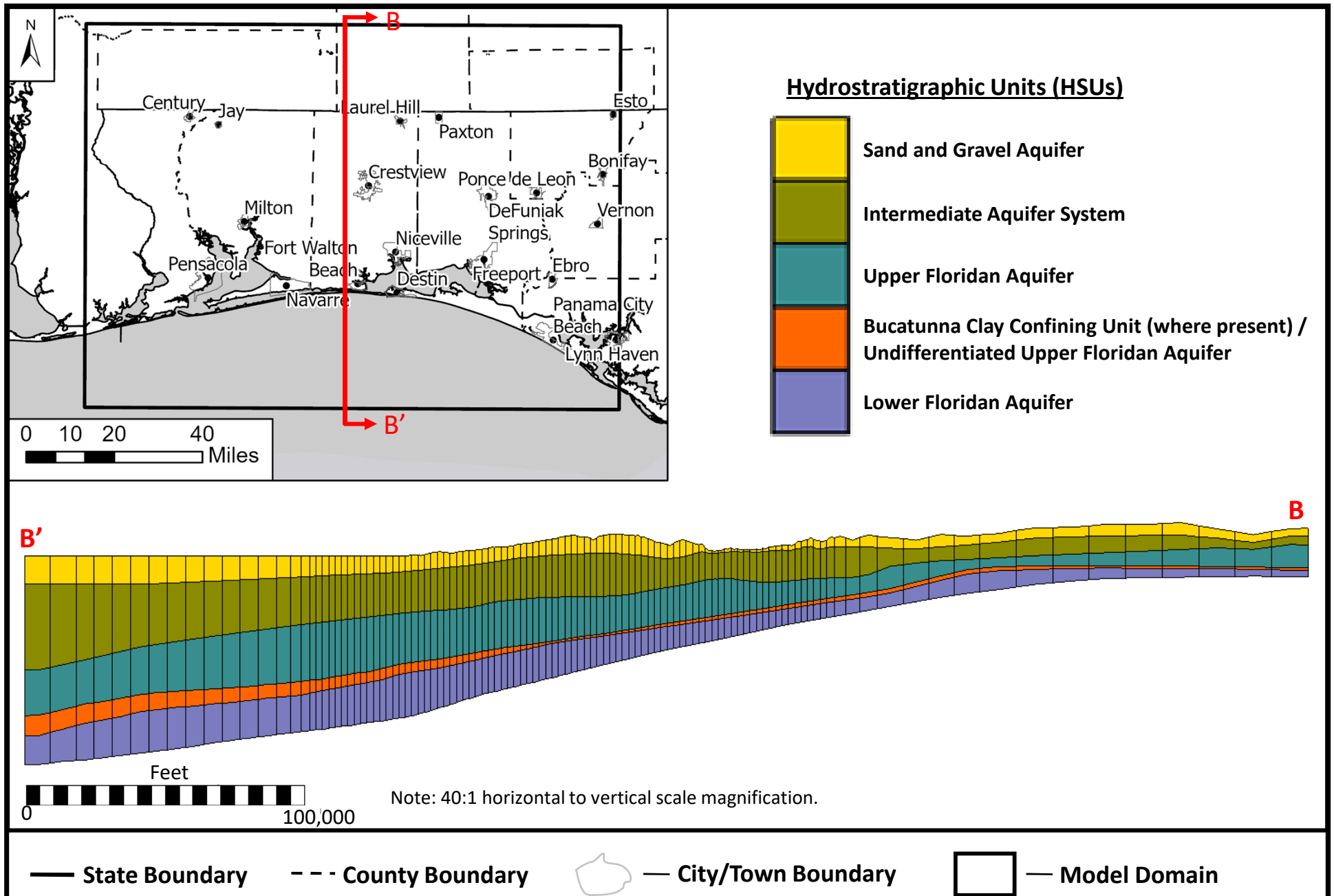


Figure 4 – Cross-section of model layering along column 70.

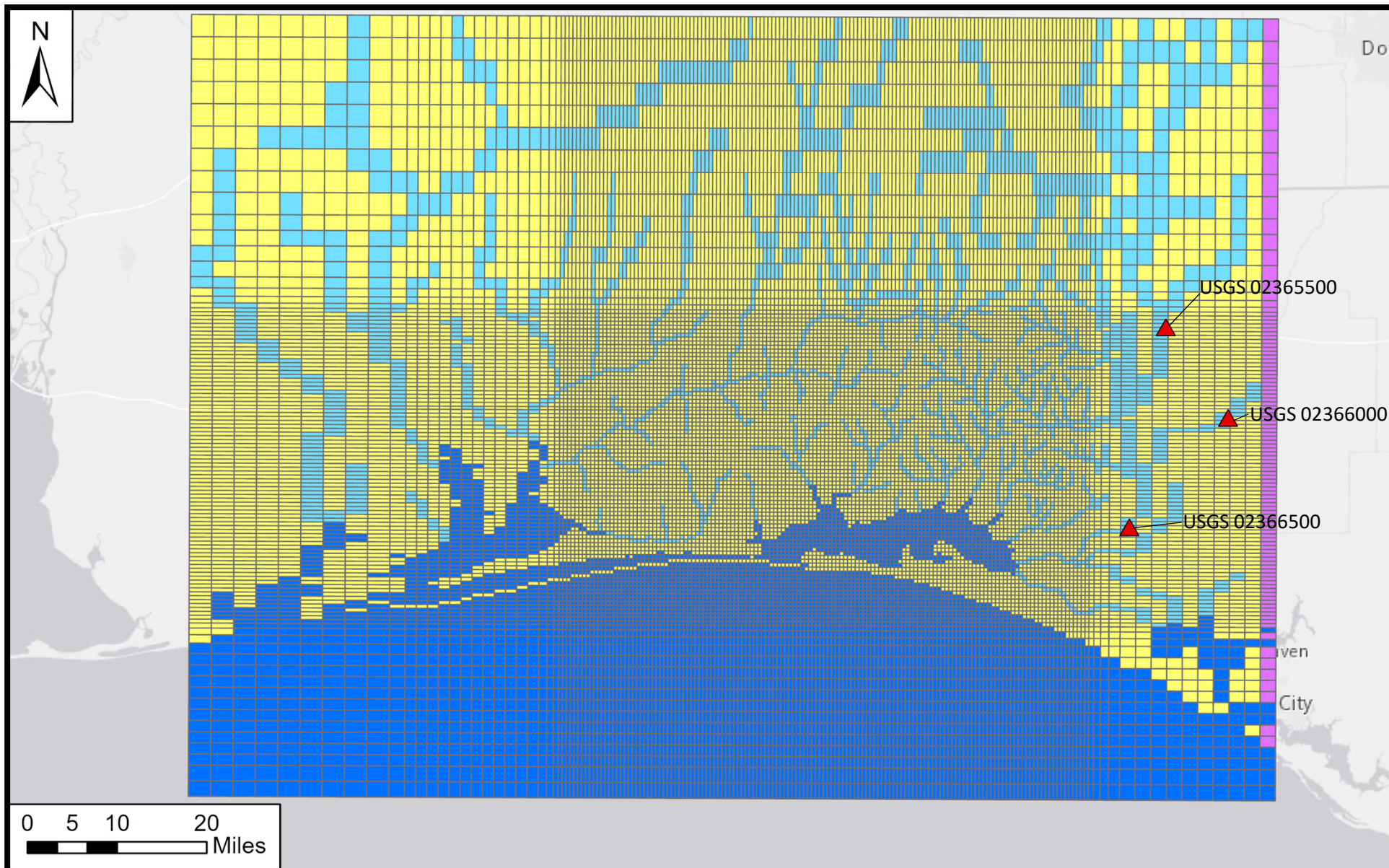


Figure 5 – Layer 1 boundary conditions.

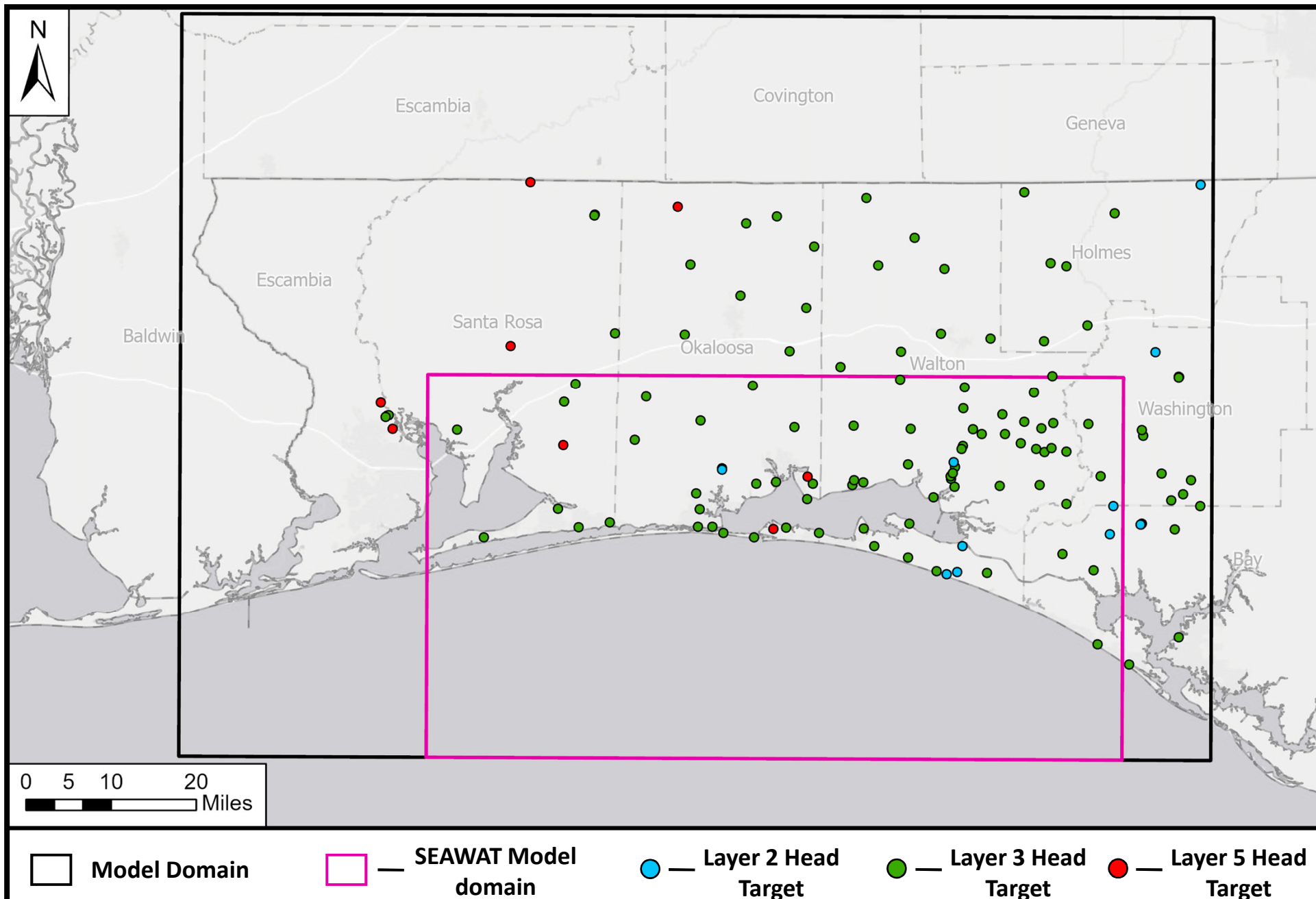


Figure 6 – Groundwater head target locations.

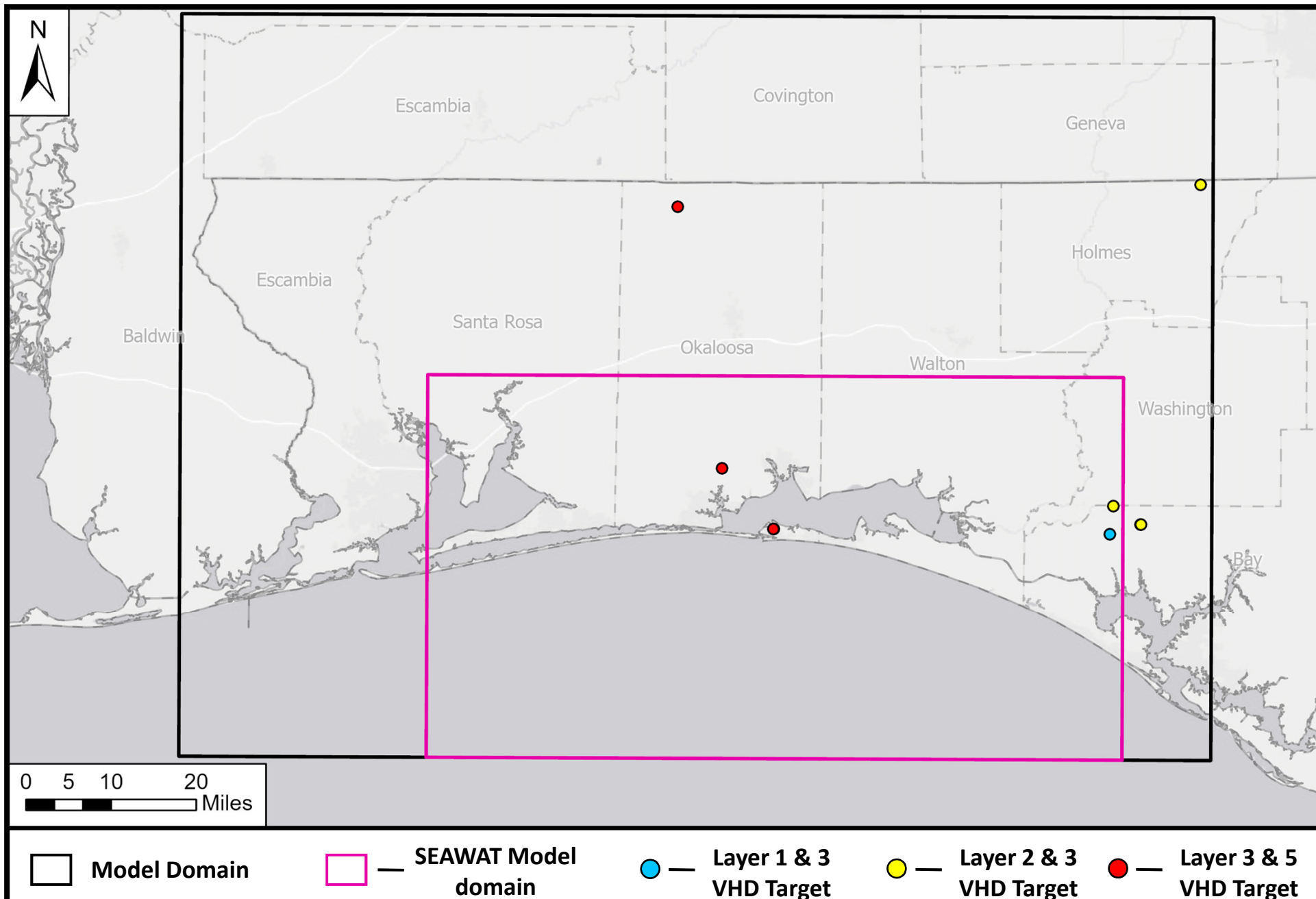


Figure 7 – Vertical head difference (VHD) target locations.

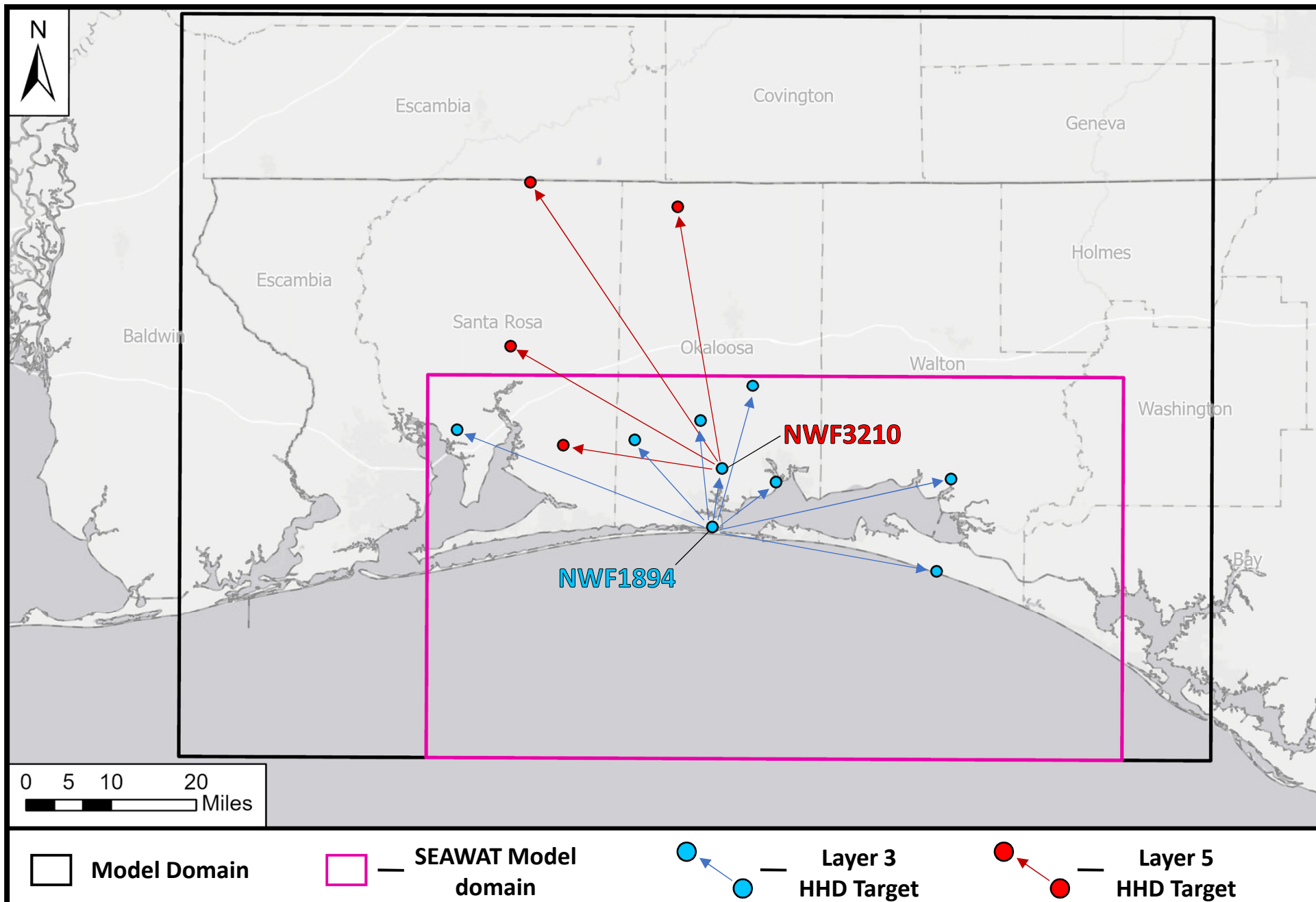


Figure 8 – Horizontal head difference (HHD) target locations.

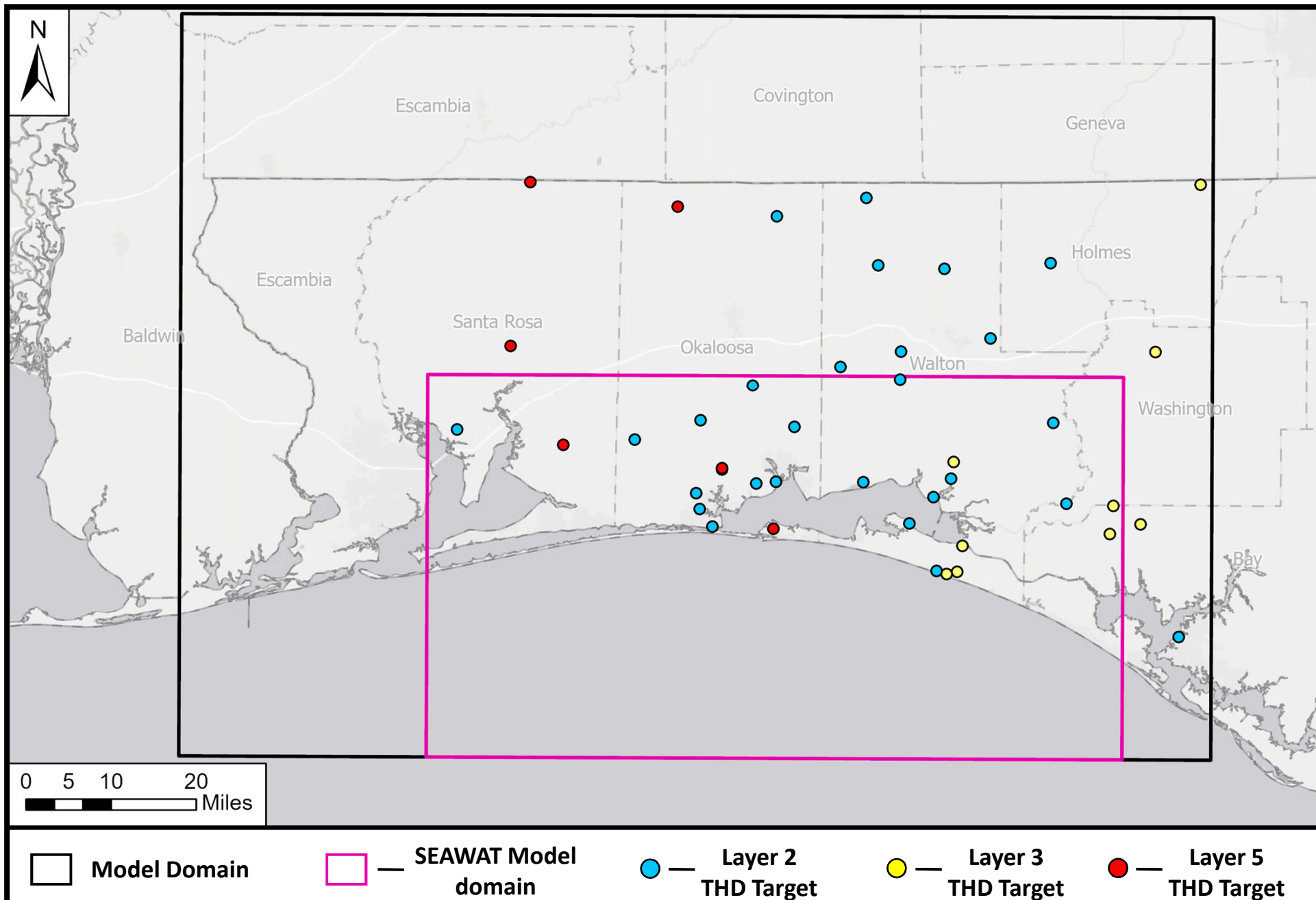


Figure 9 – Temporal head difference (THD) target locations.

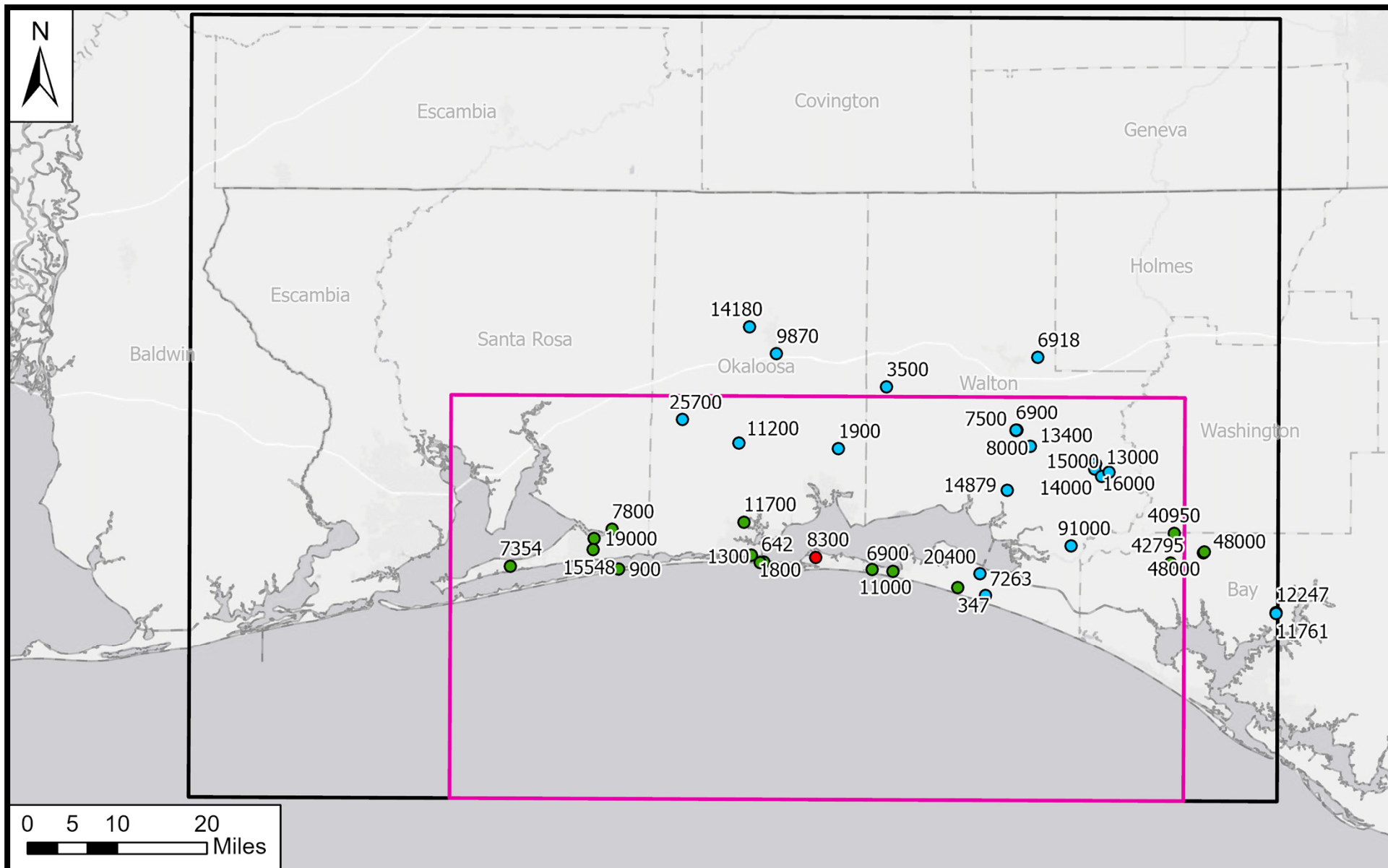


Figure 10 – Transmissivity targets (in ft^2/day) based on aquifer performance test (APT) results with HSU designations.

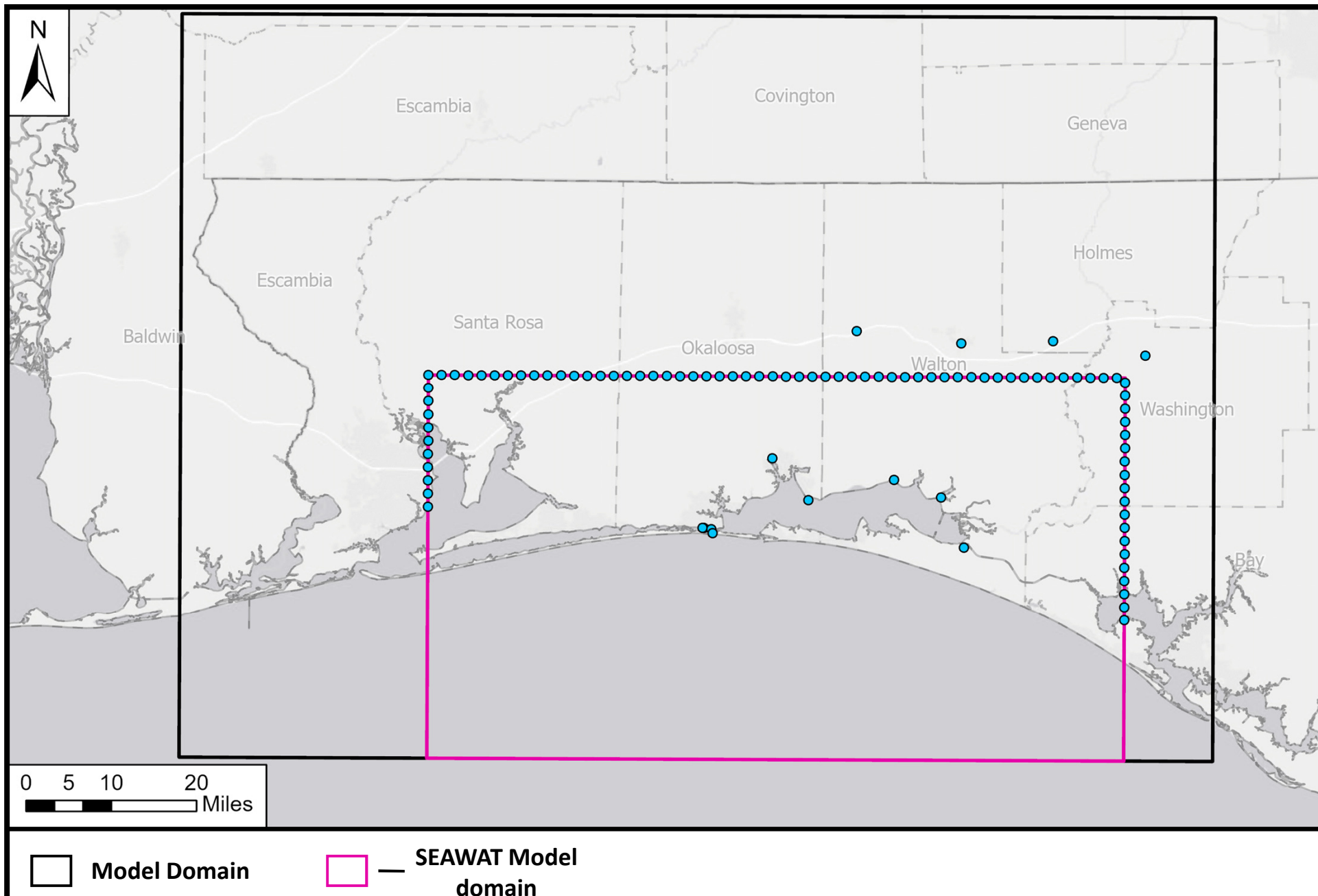
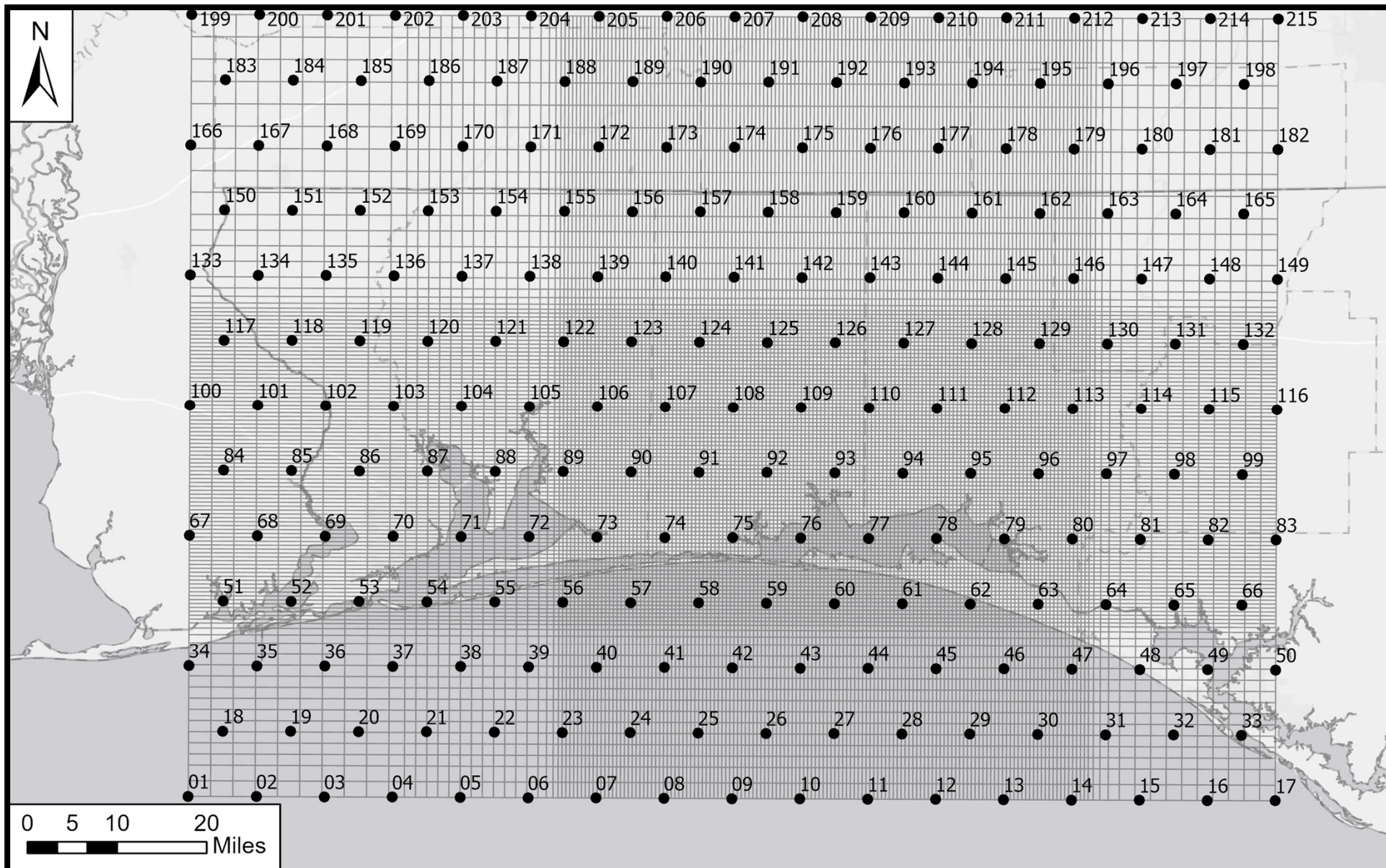


Figure 11 – Pre-development head target locations in the Upper Floridan Aquifer (model layer 3).



 — Model Grid Cells

Figure 12 – Pilot point locations used to interpolate layer 4 storativity and hydraulic conductivities in layers 2, 3, and 5.

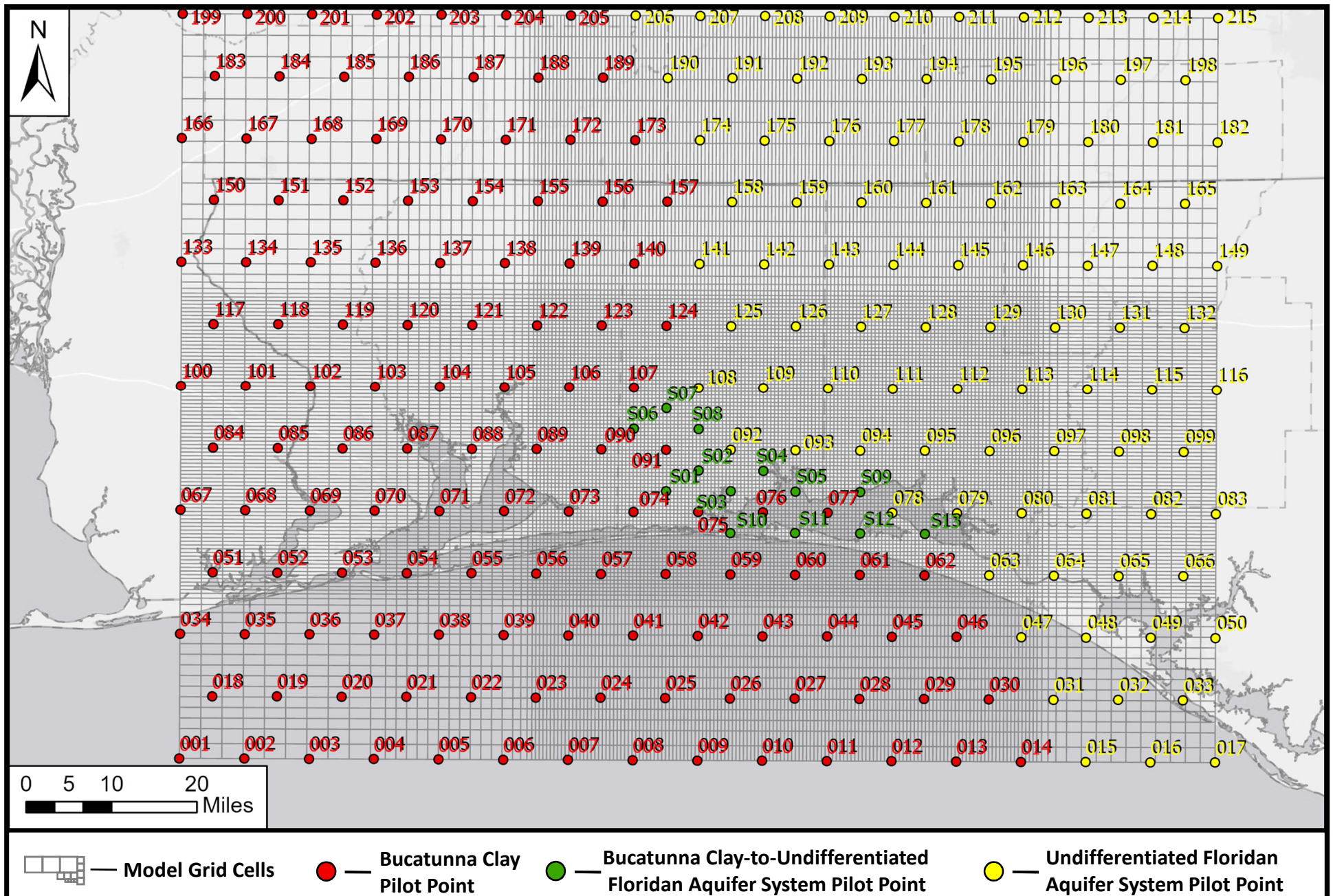


Figure 13 – Pilot point locations used to interpolate vertical hydraulic conductivity in layer 4.

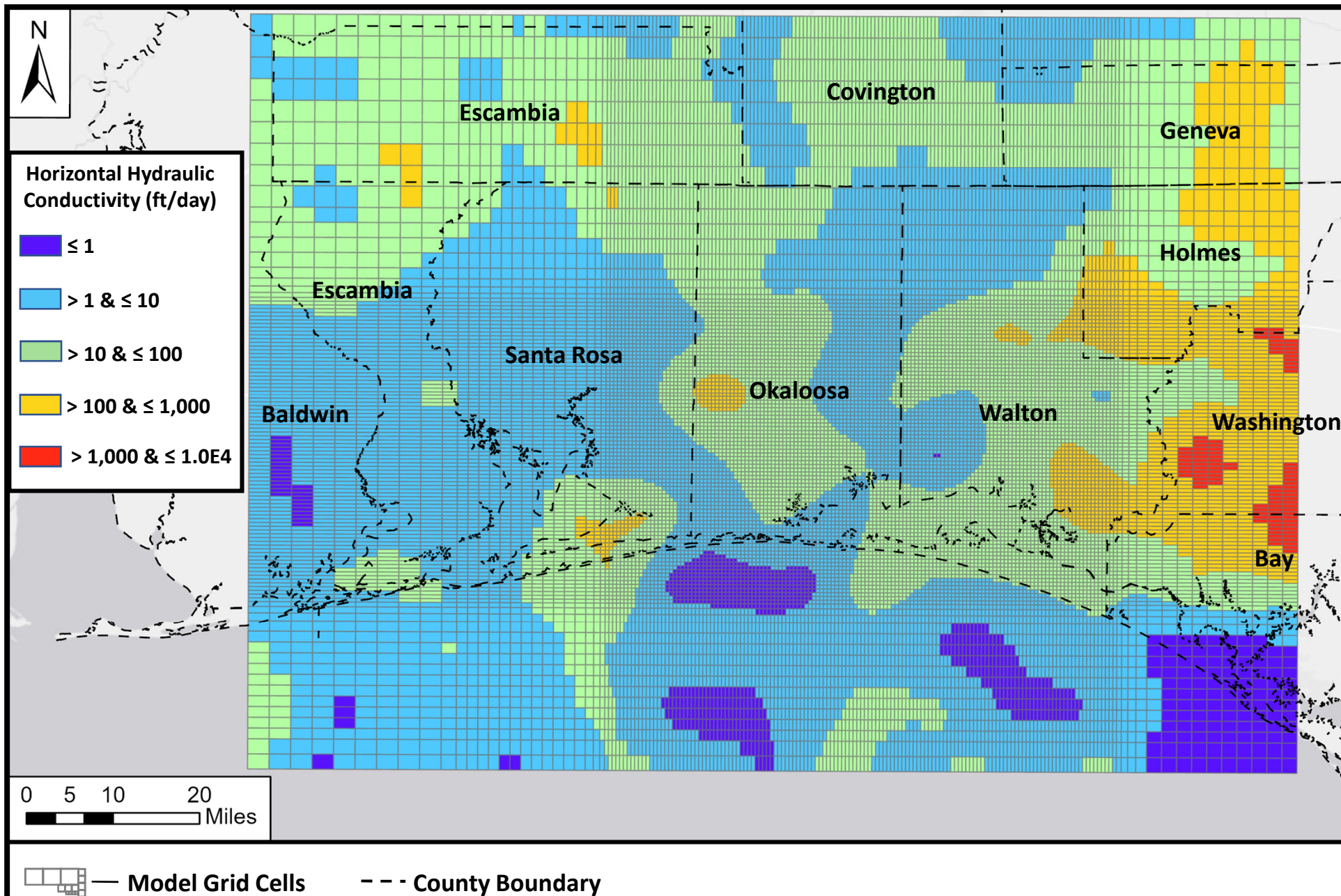


Figure 14 – Layer 3 horizontal hydraulic conductivity (Kh).

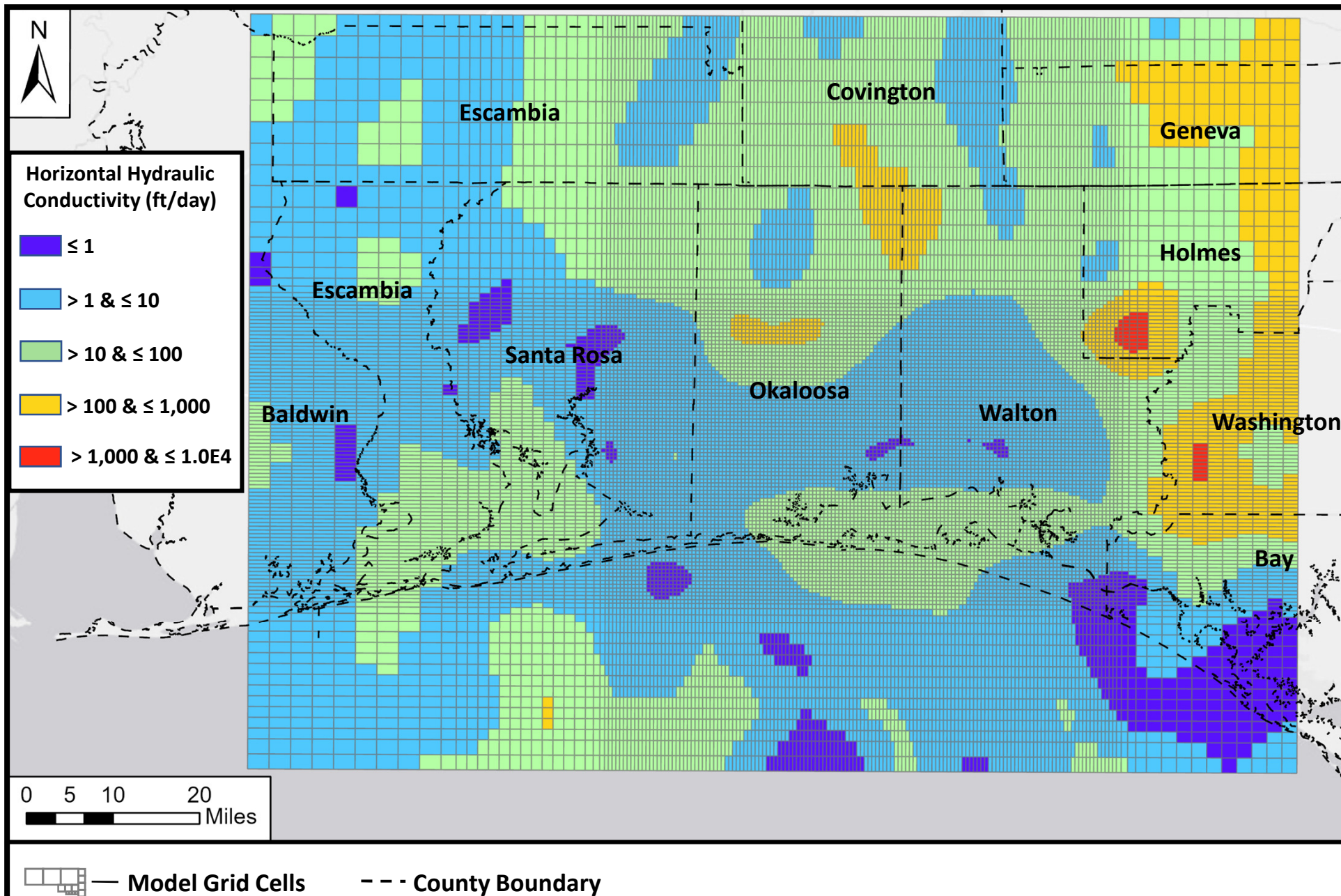


Figure 15 – Layer 5 horizontal hydraulic conductivity (Kh).

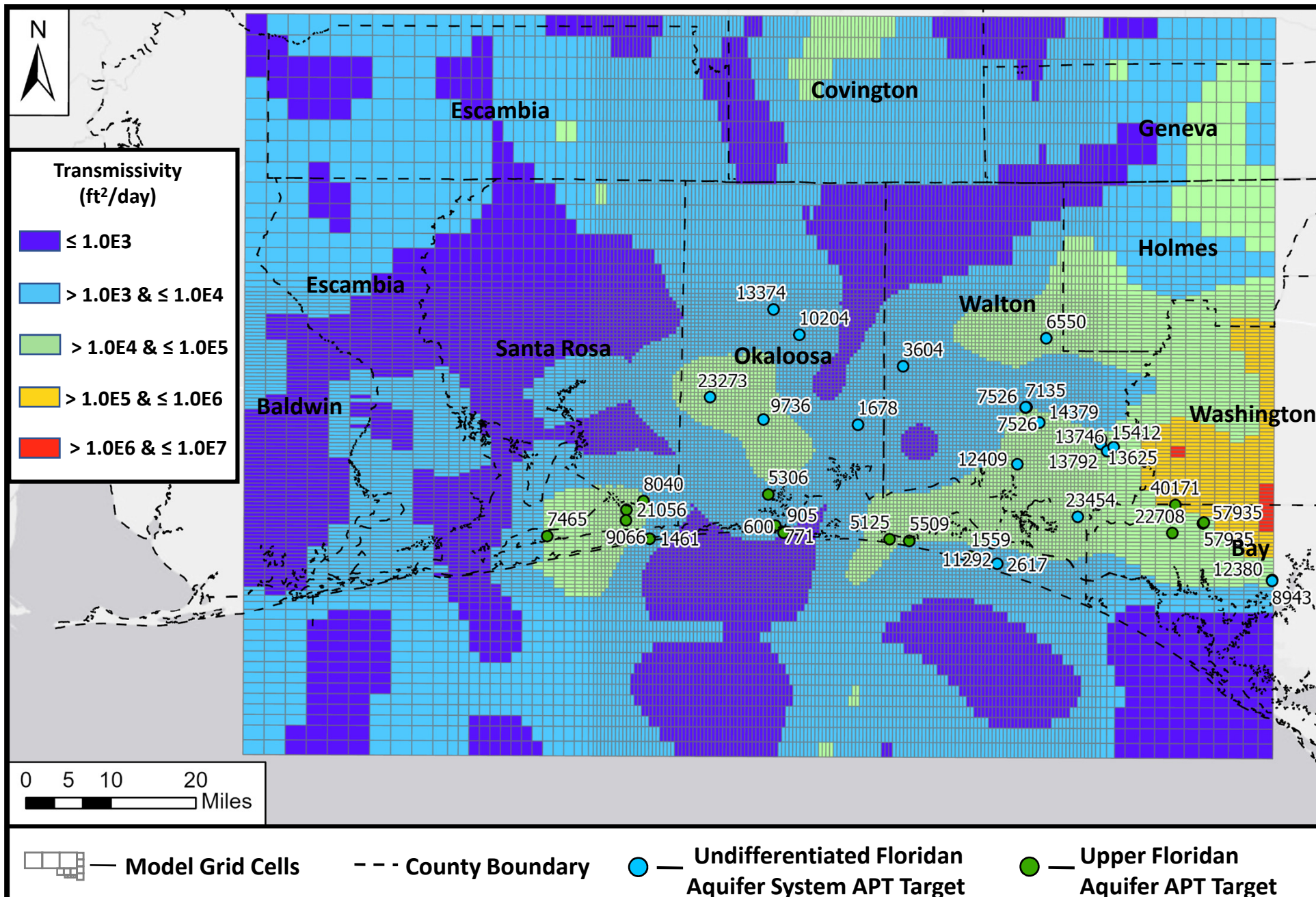


Figure 16 – Layer 3 Transmissivity (T).

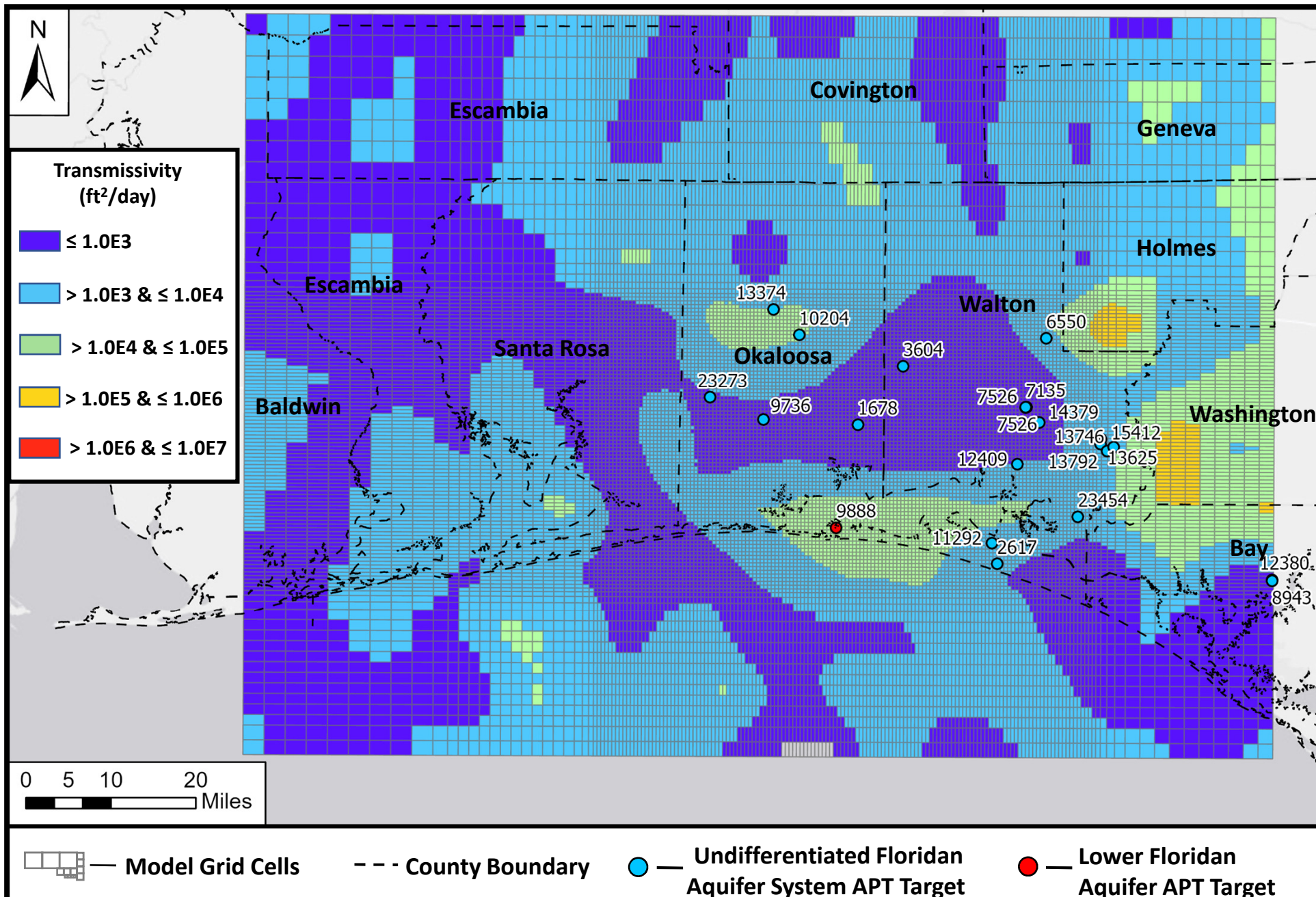


Figure 17 – Layer 5 Transmissivity (T).

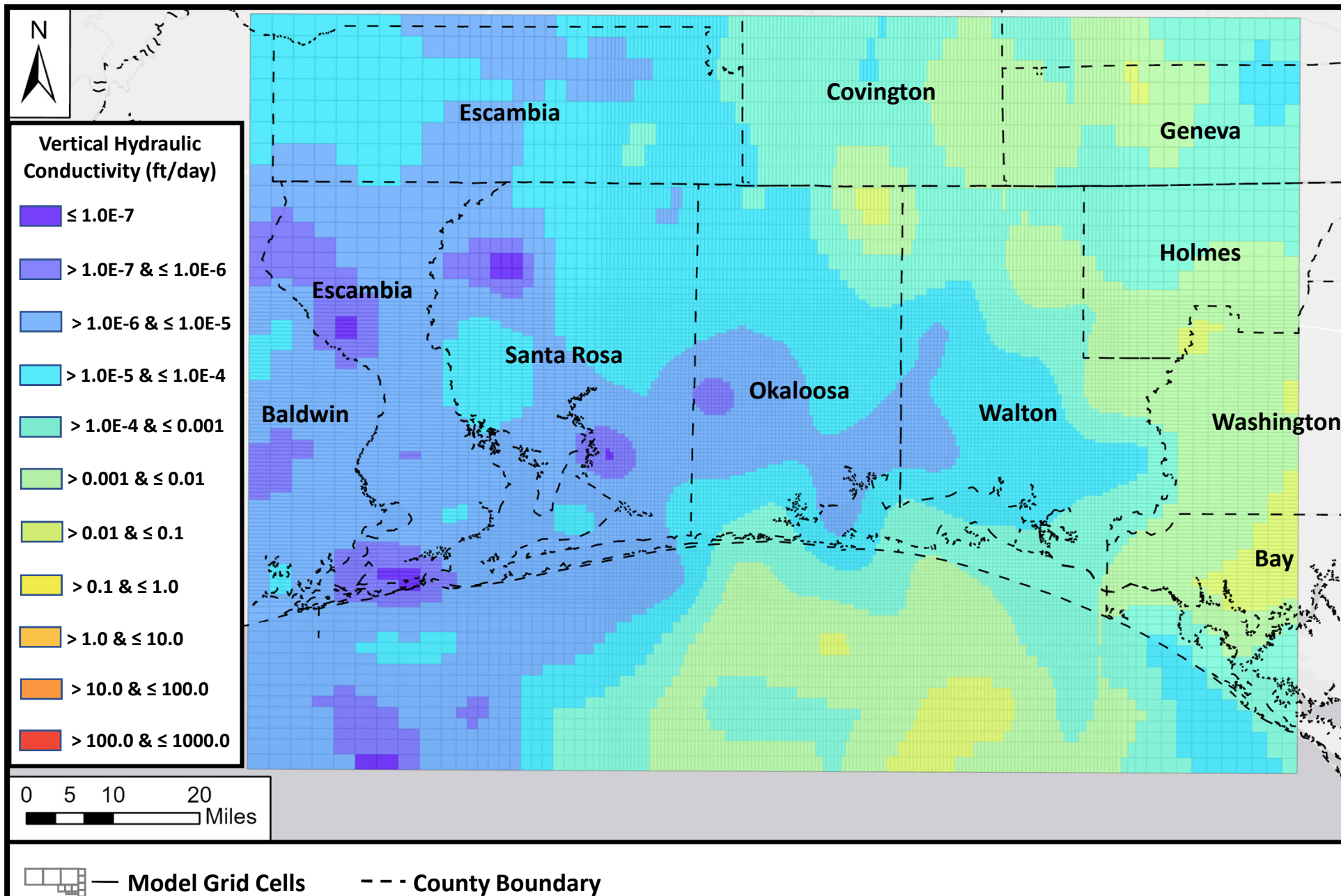
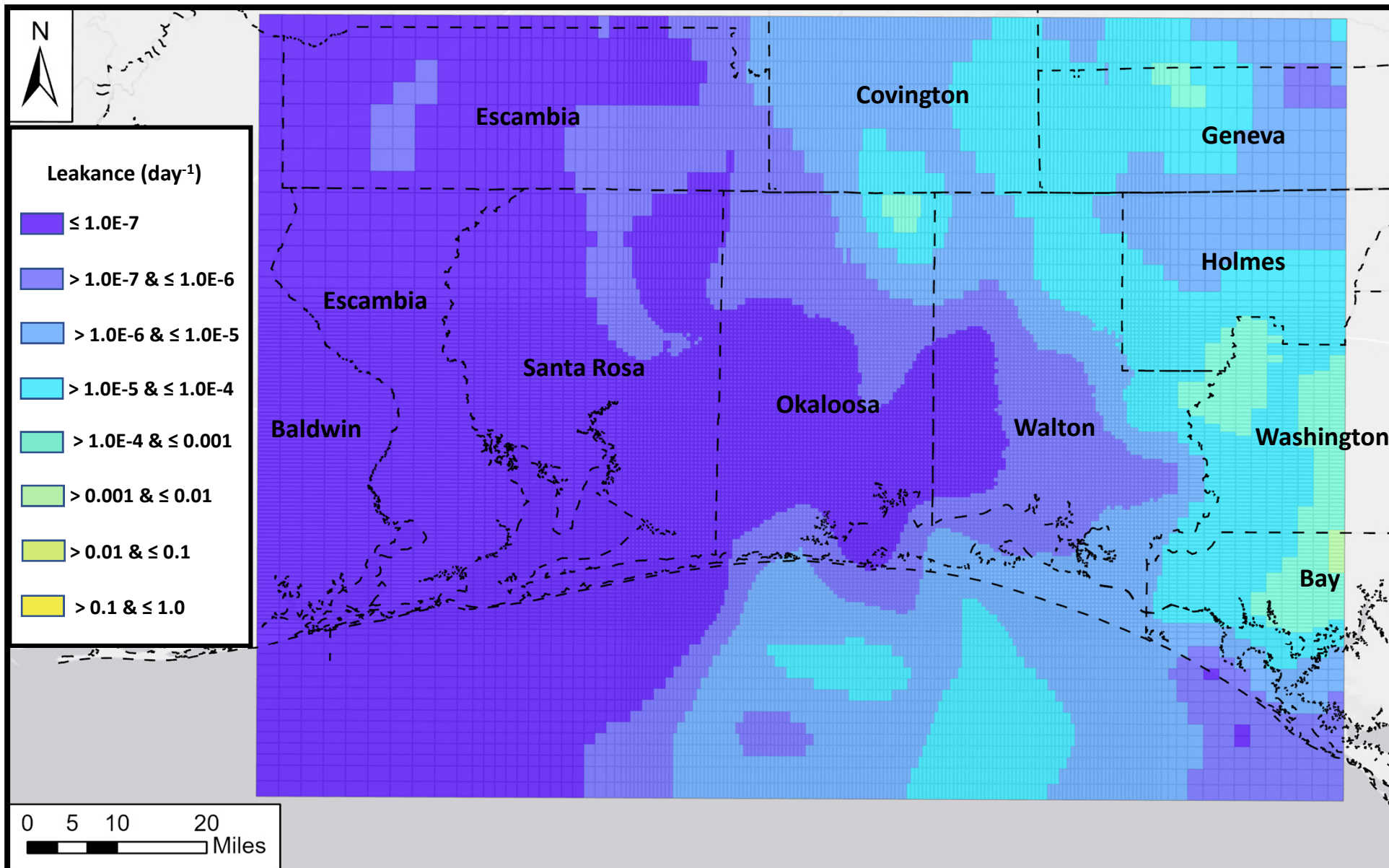


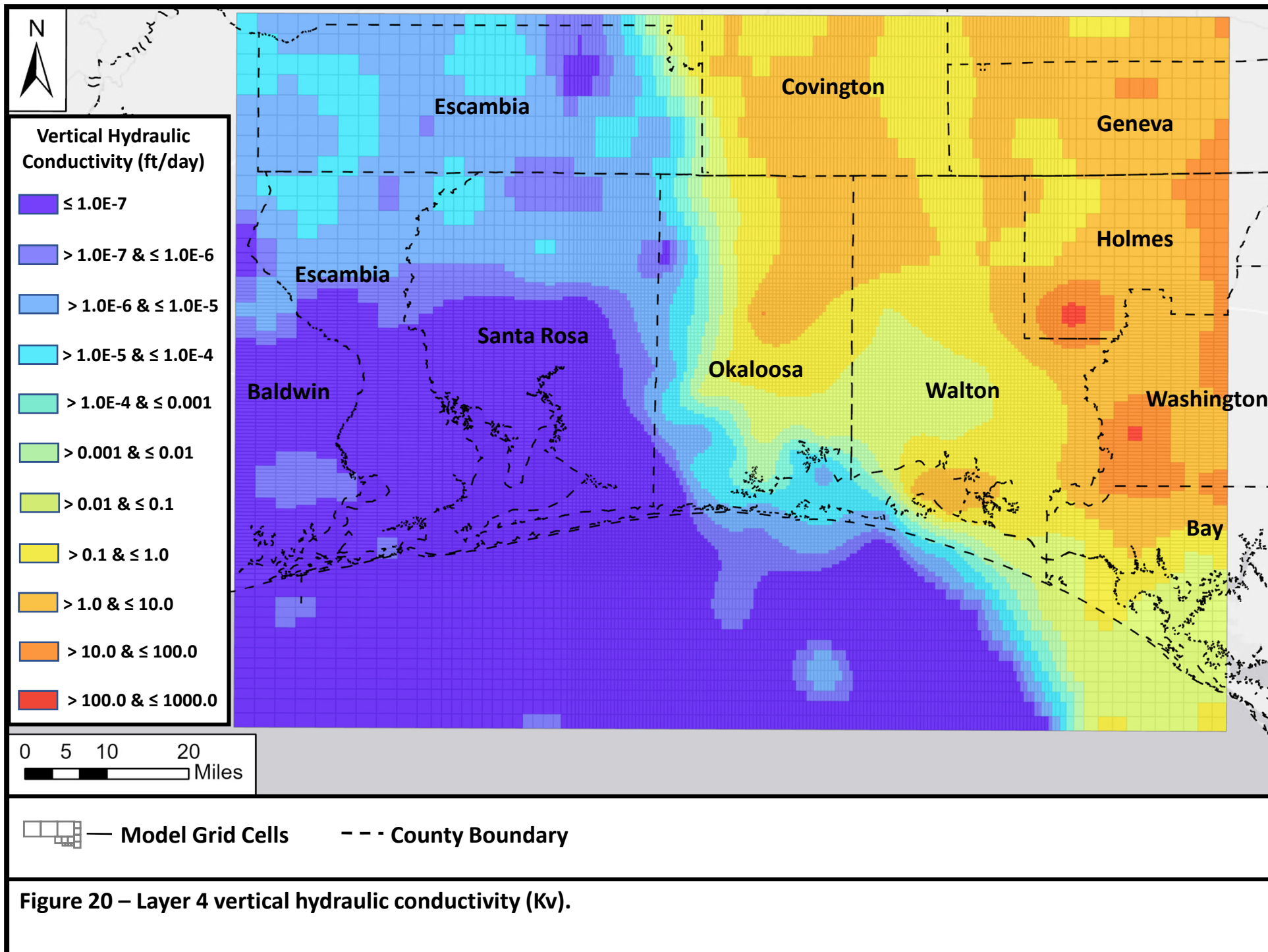
Figure 18 – Layer 2 vertical hydraulic conductivity (Kv).

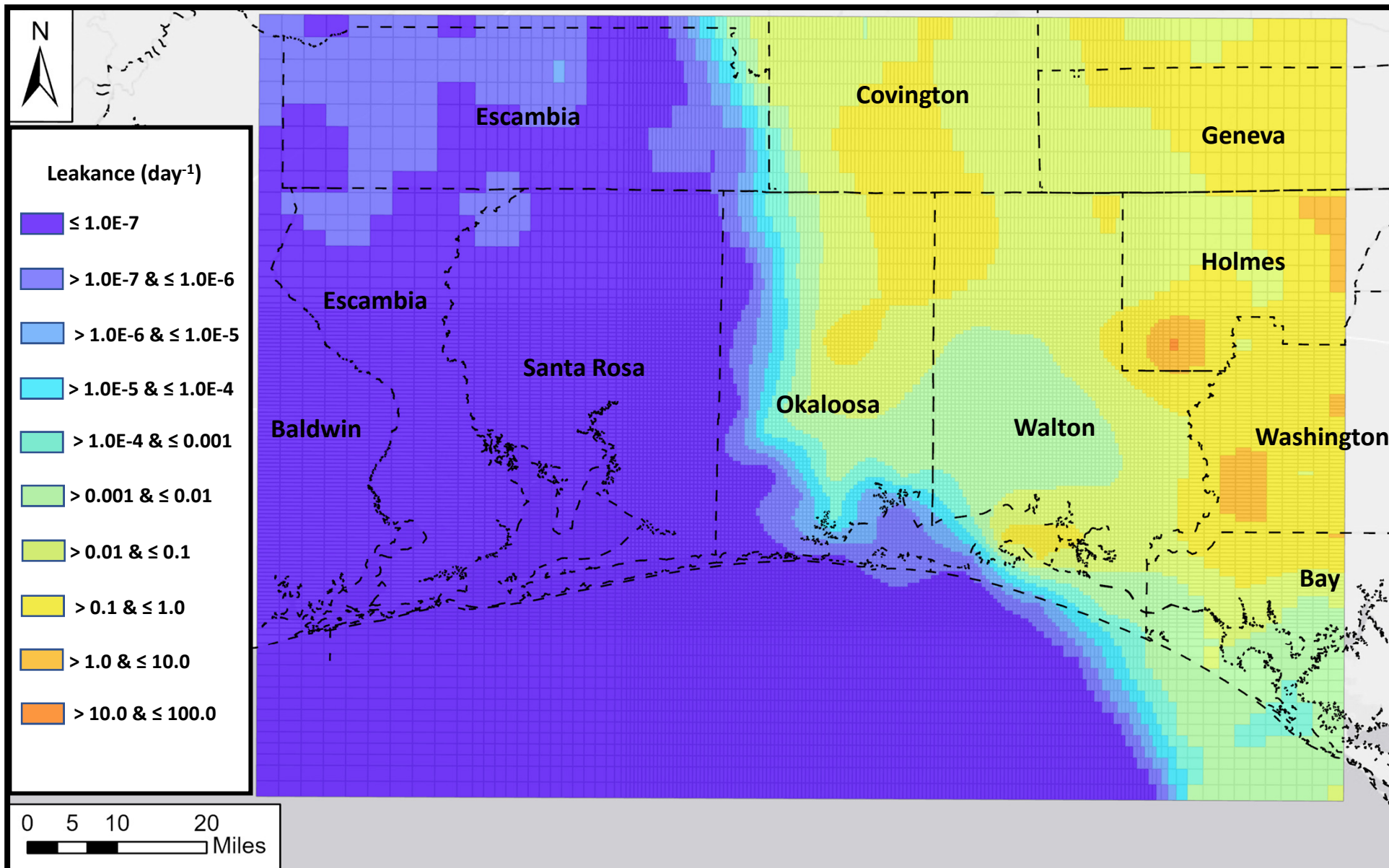


— Model Grid Cells

- - - County Boundary

Figure 19 – Layer 2 leakance.





— Model Grid Cells - - - County Boundary

Figure 21 – Layer 4 leakance.

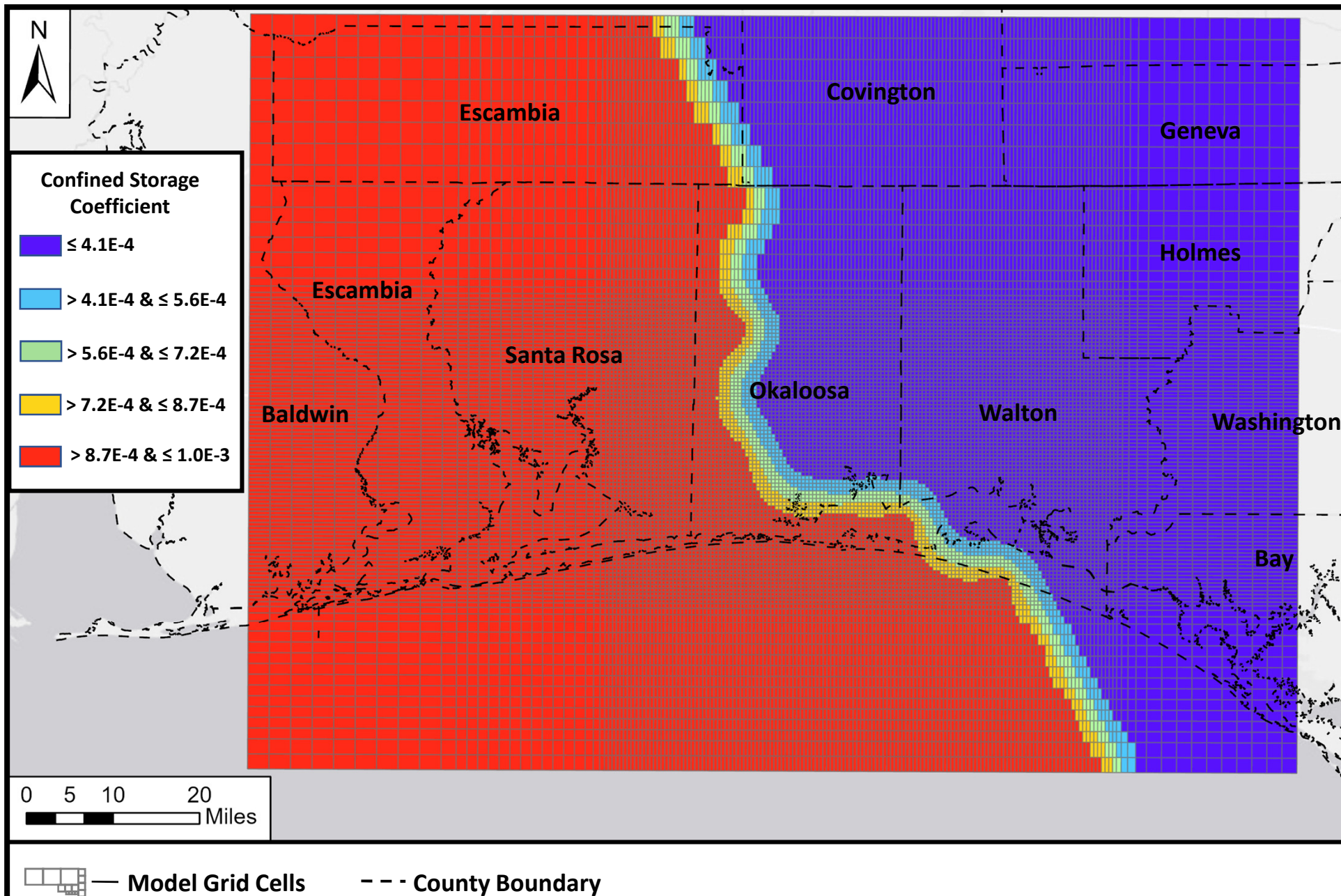
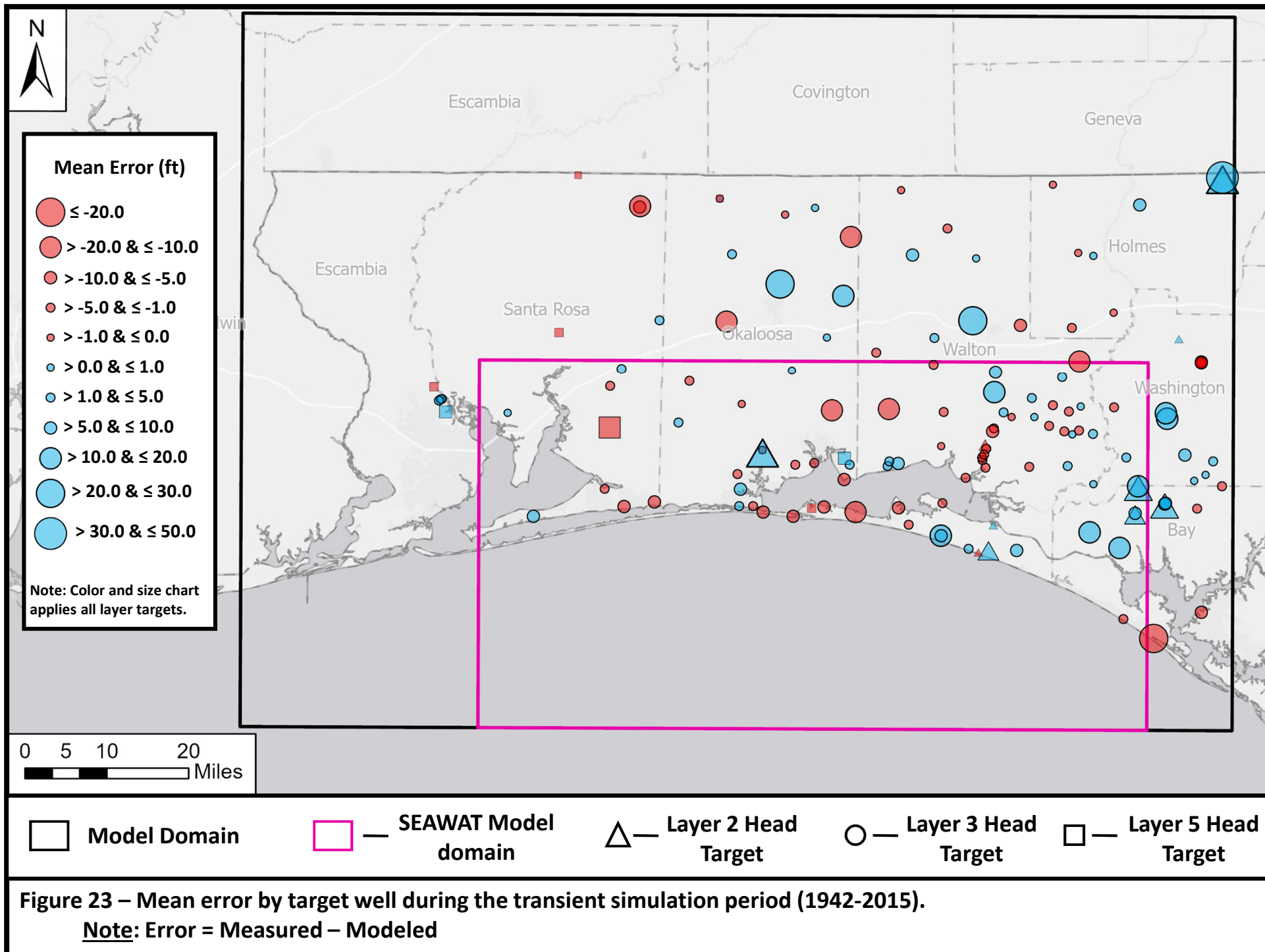


Figure 22 – Layer 4 confined storage coefficient (storativity).



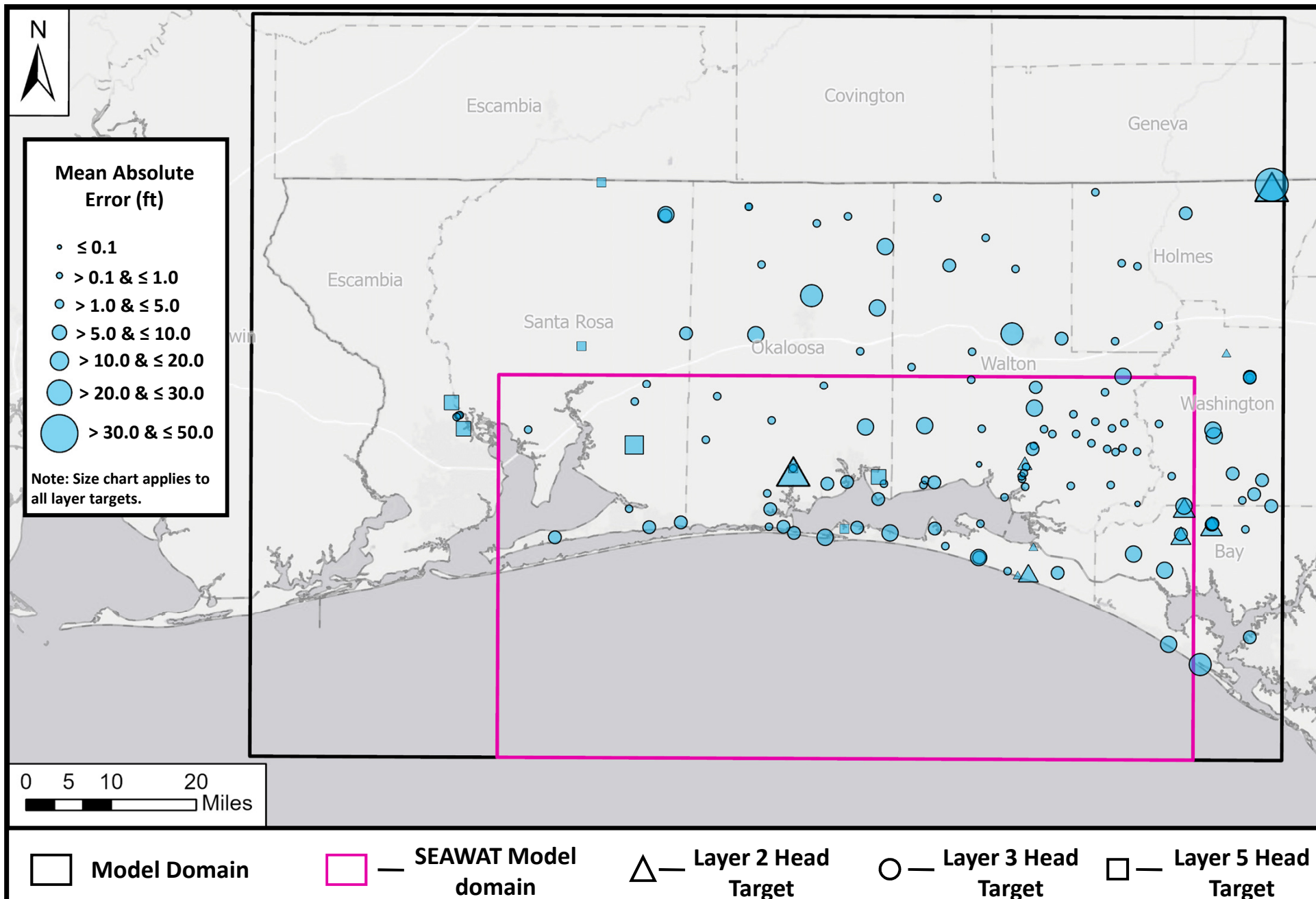


Figure 24 – Mean absolute error by target well during the transient simulation period (1942-2015).

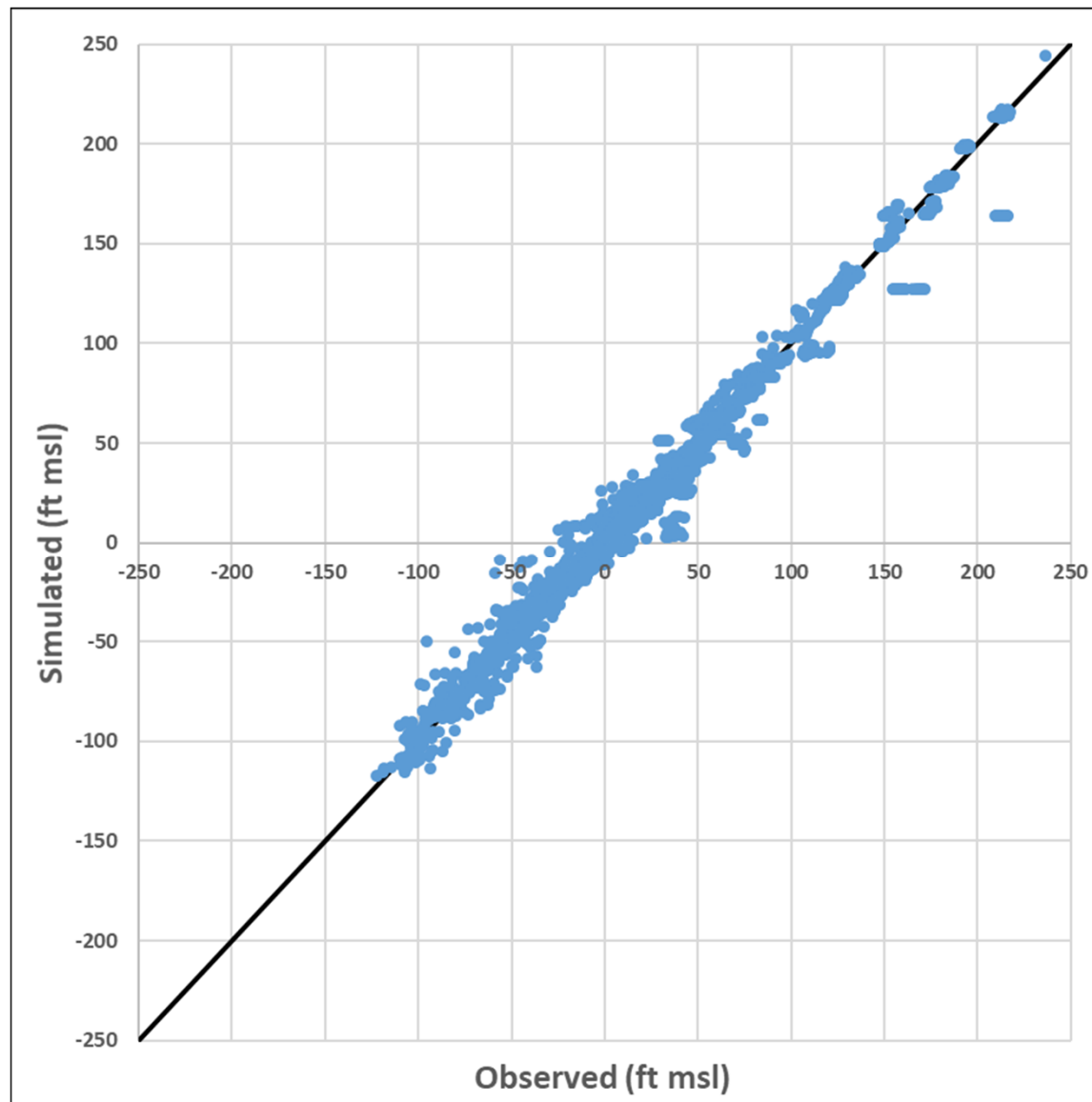


Figure 25 – Observed versus Simulated Post-Development (1942-2015) Groundwater Head Targets.

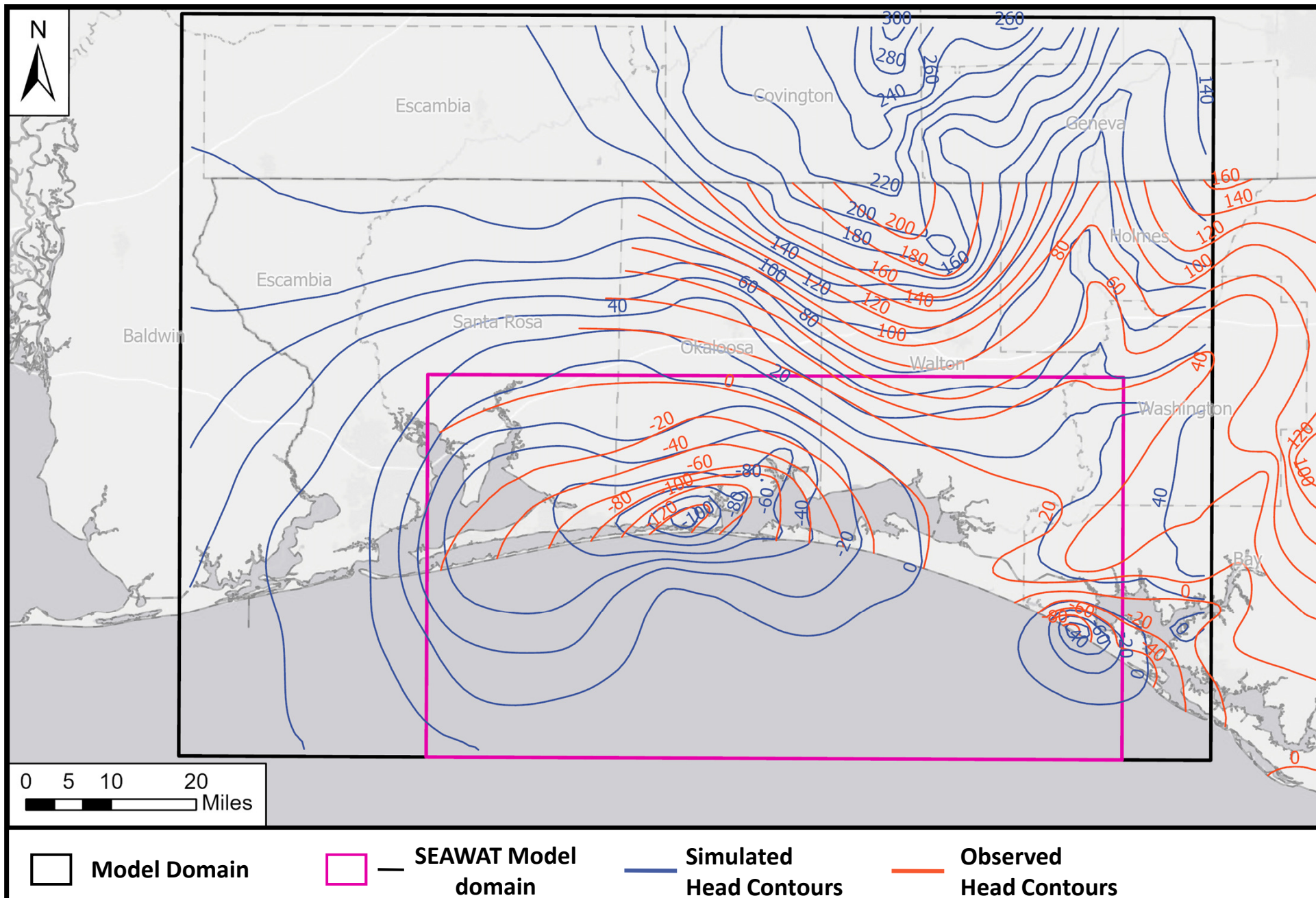


Figure 26 – Layer 3 observed and simulated 20-ft head contours for year 2000.

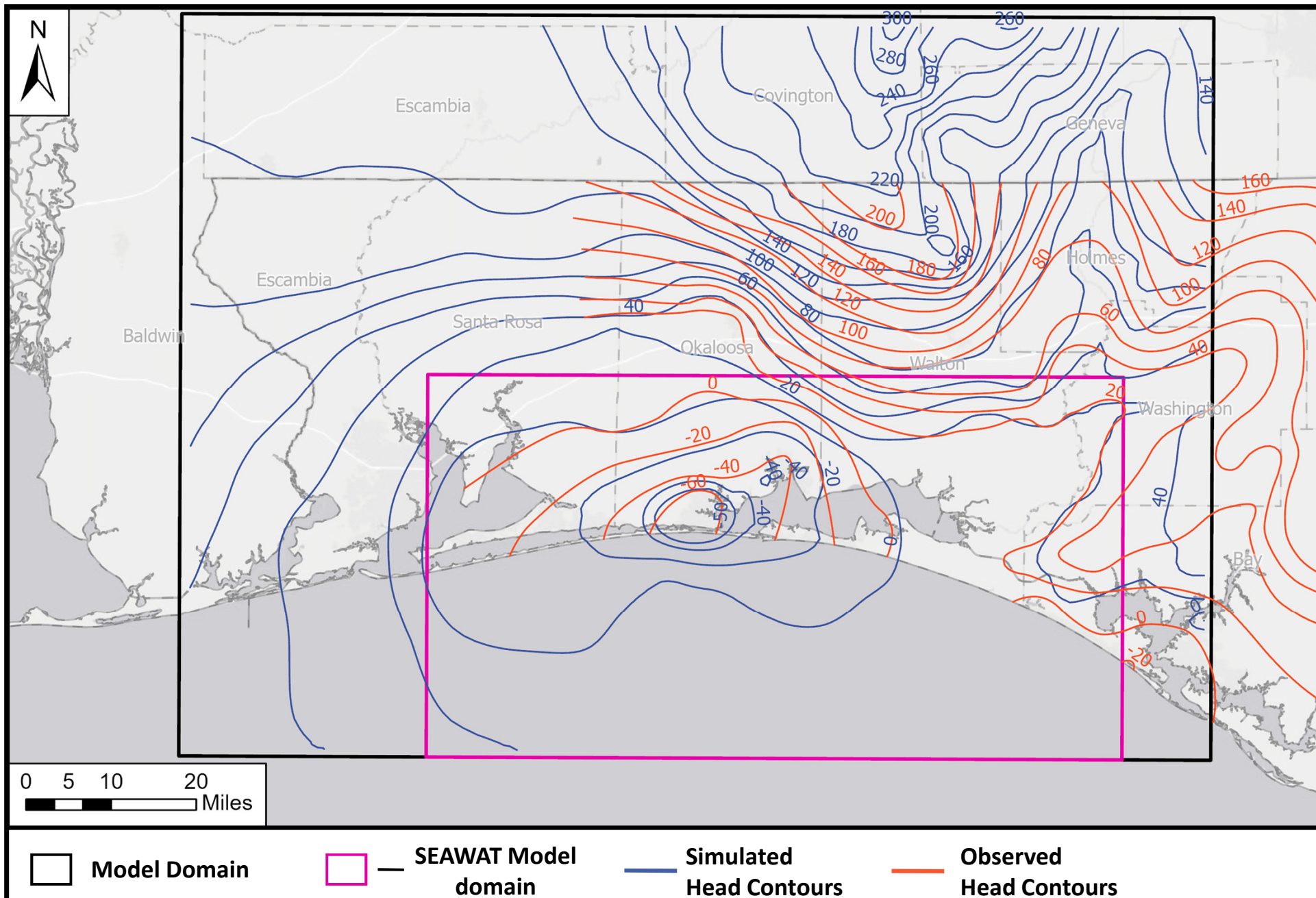


Figure 27 – Layer 3 observed and simulated 20-ft head contours for year 2015.

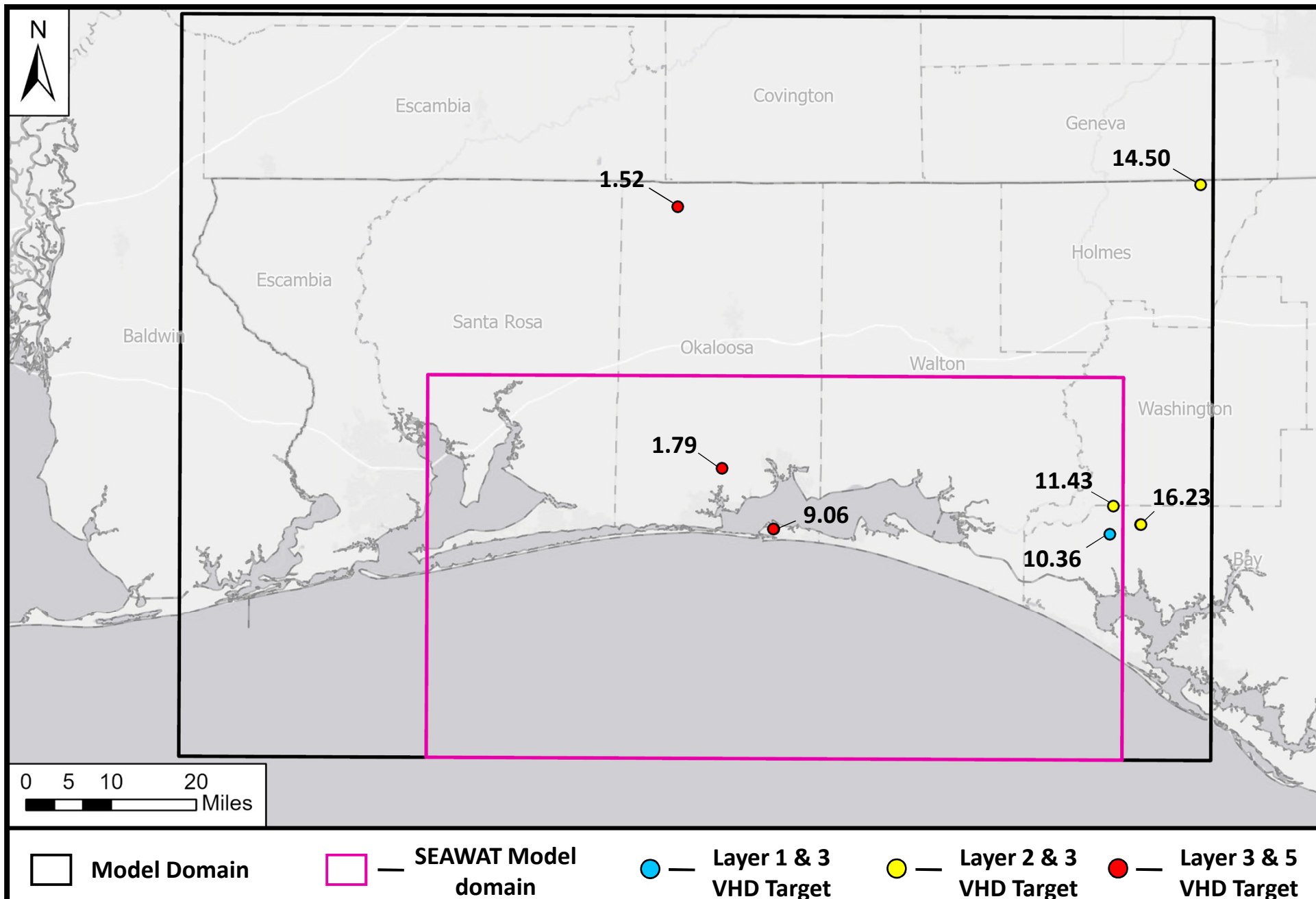


Figure 28 – Mean absolute error (ft) of vertical head difference targets.

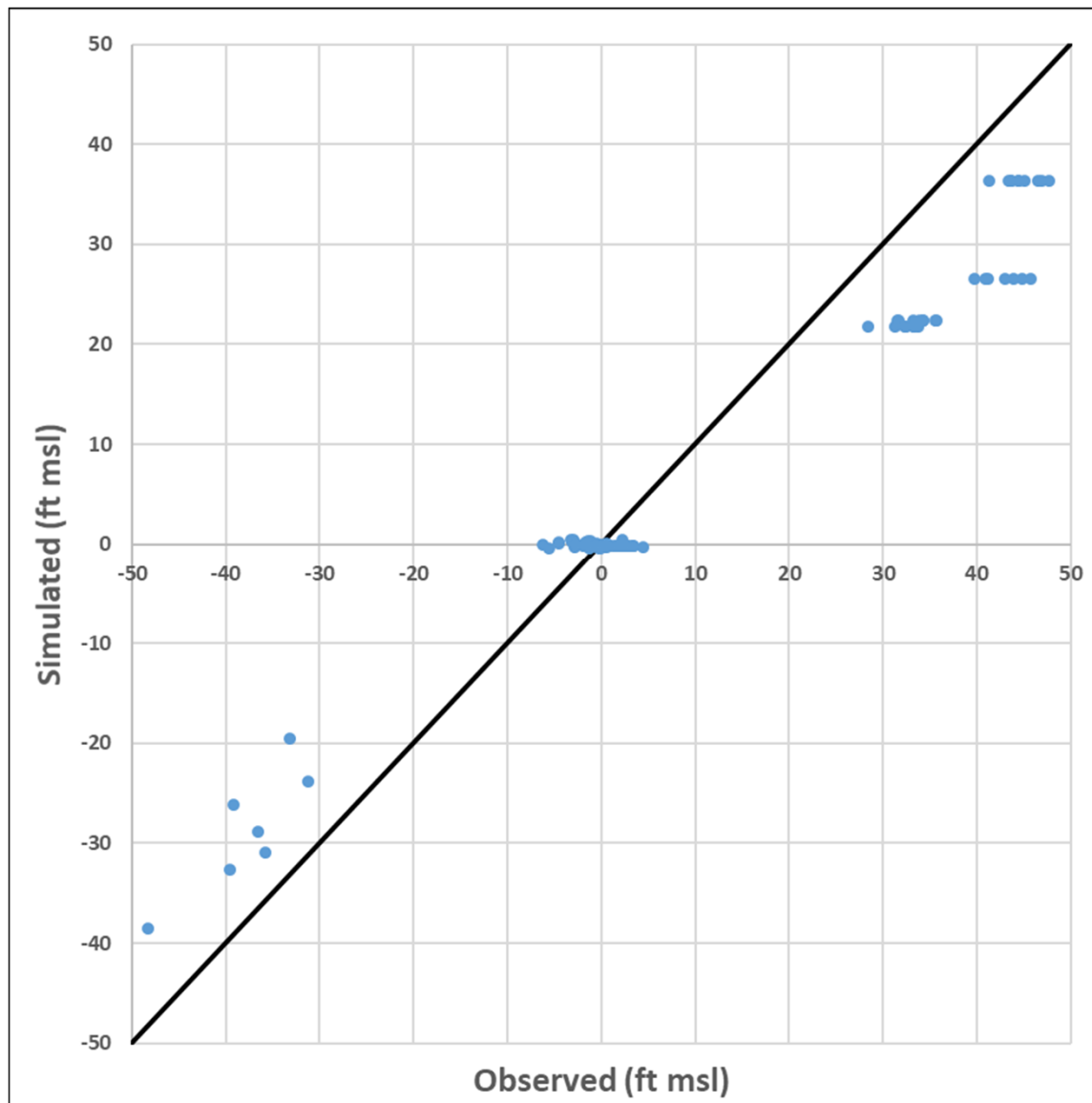


Figure 29 – Observed versus Simulated VHD Targets (1942-2015).

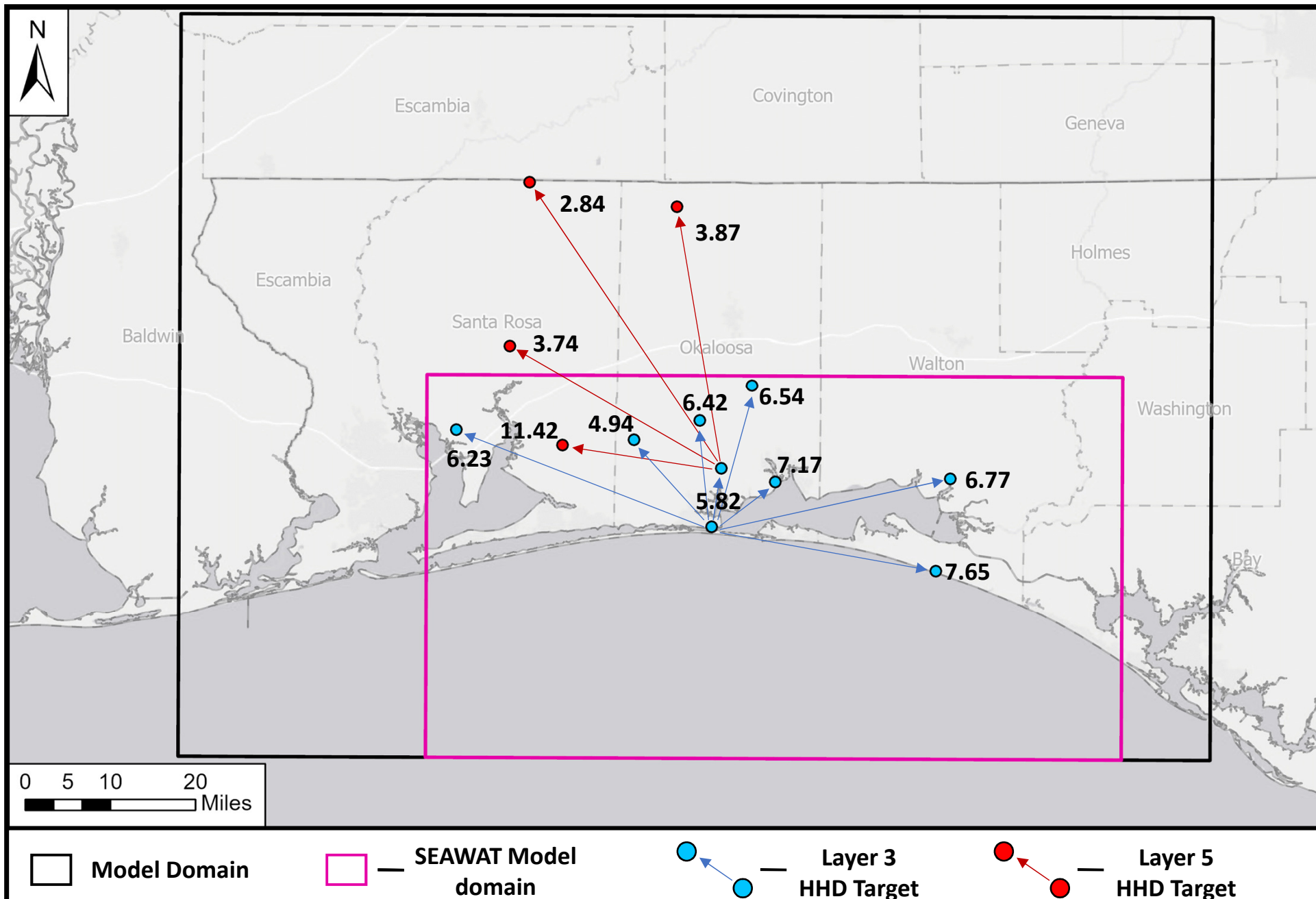


Figure 30 – Mean absolute error (ft) of horizontal head difference targets.

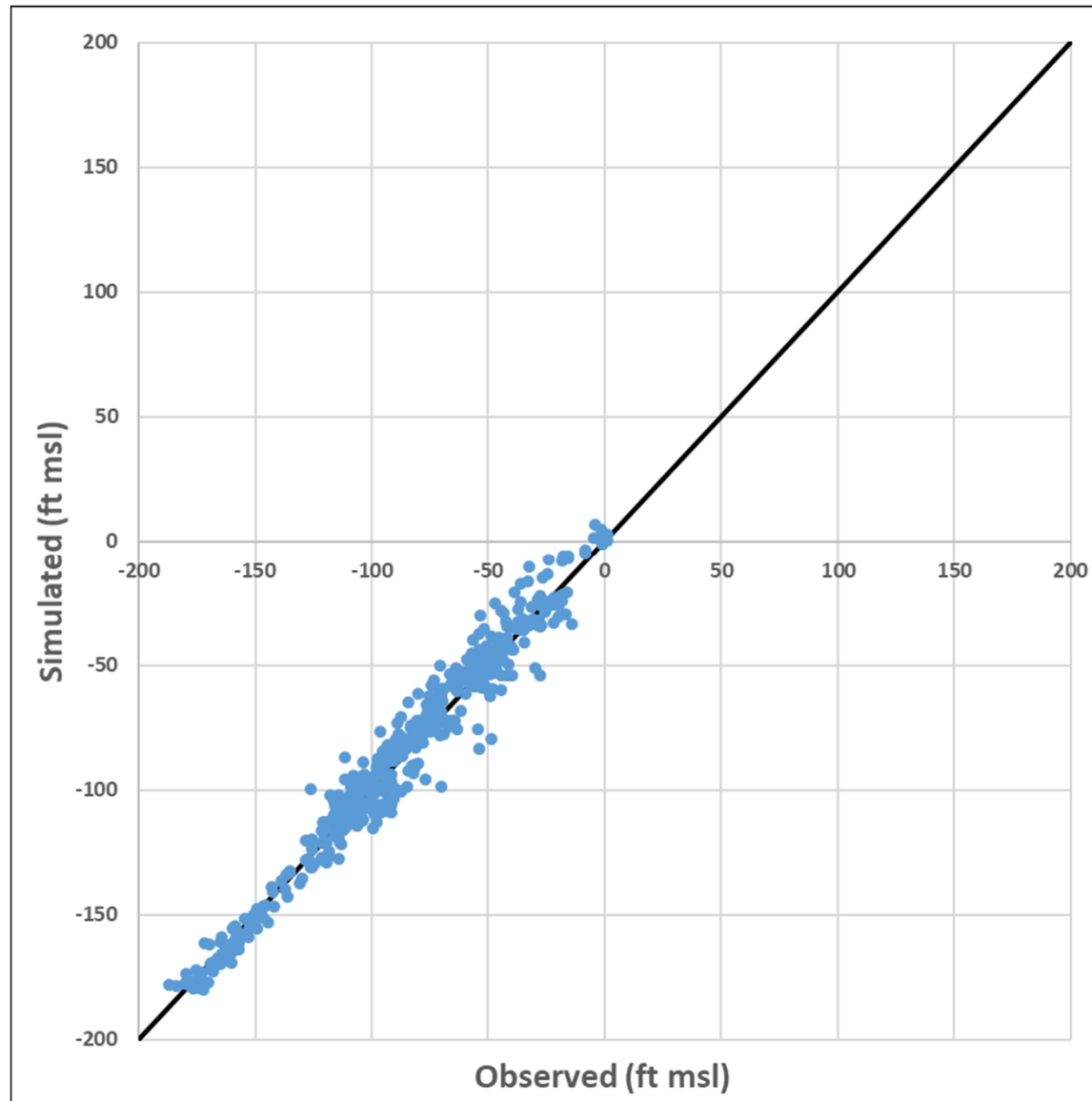


Figure 31 – Observed versus Simulated HHD Targets (1942-2015).

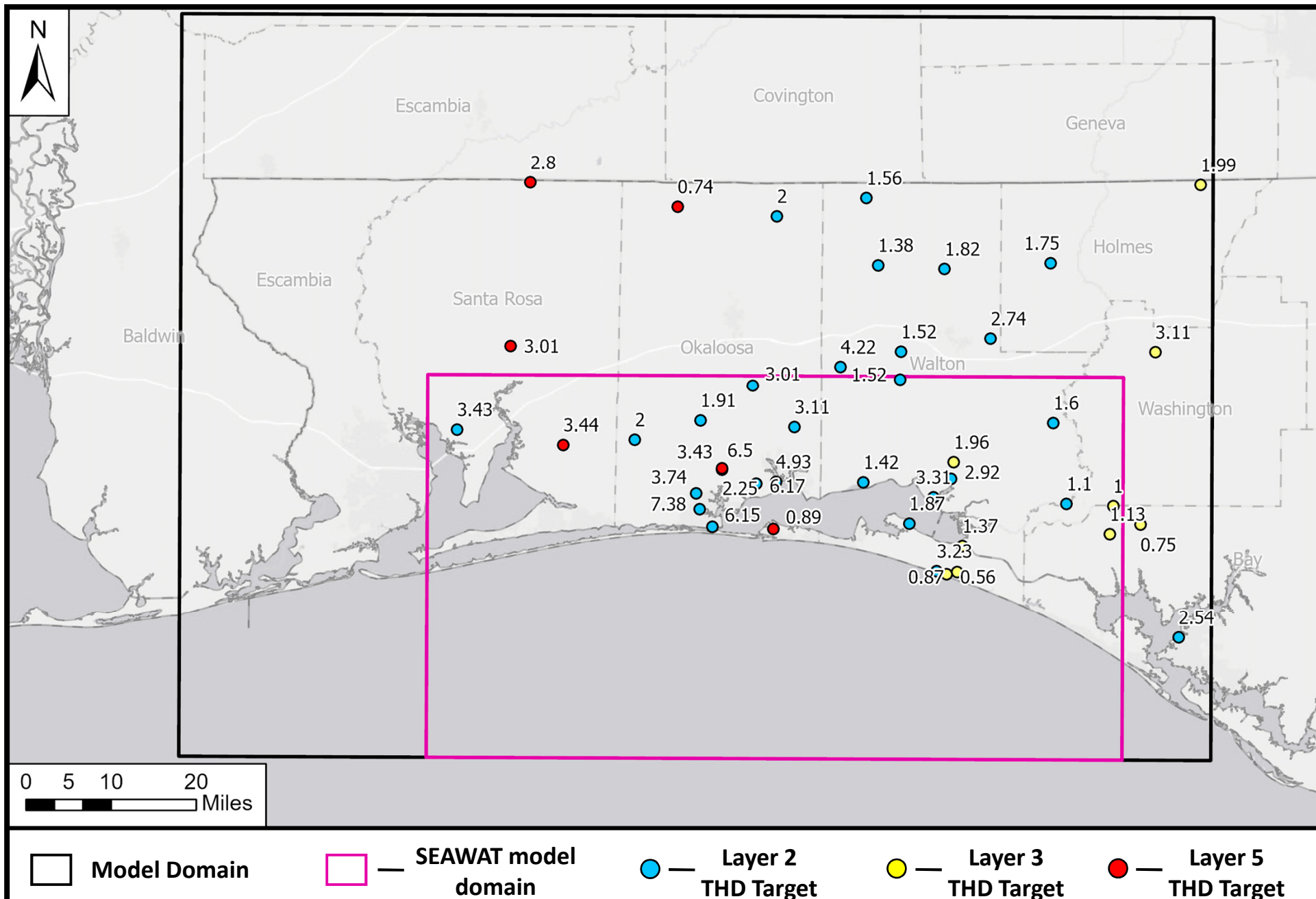


Figure 32 – Mean absolute error (ft) of temporal head difference targets.

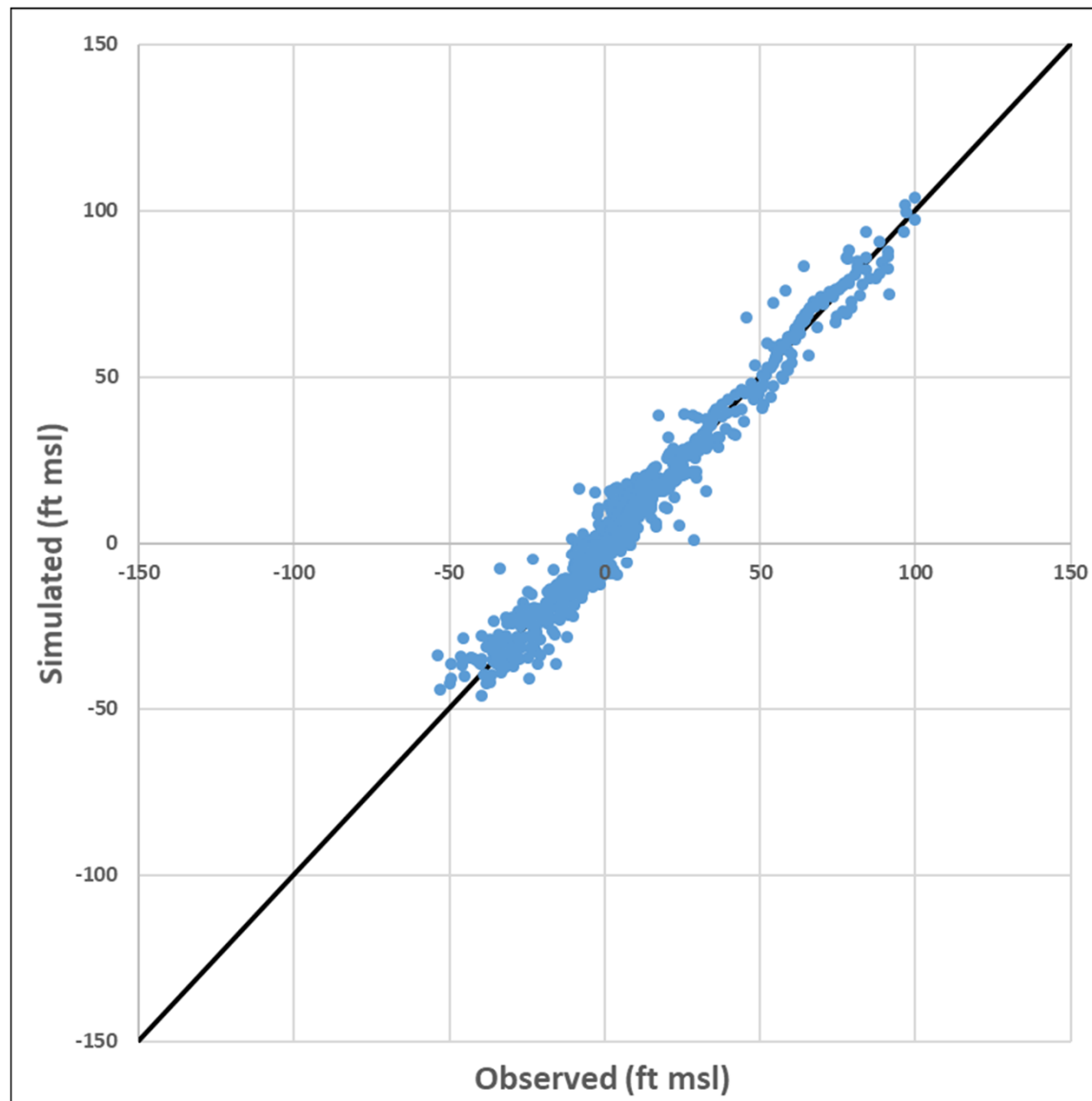
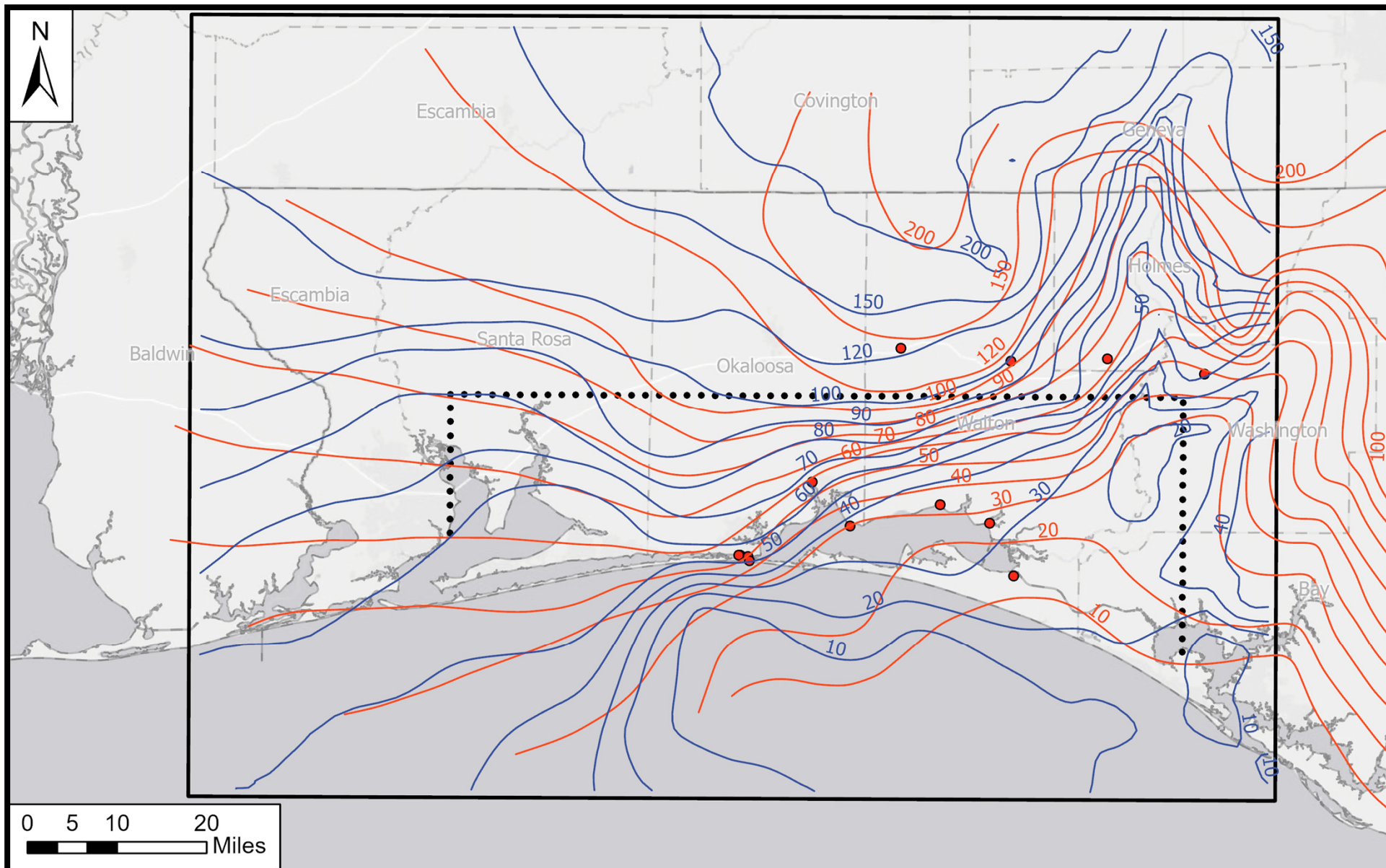


Figure 33 – Observed versus Simulated THD Targets (1942-2015).



 Model Domain	 Modeled 1942 Head Contours	 Pre-development Head Contours (Bush & Johnston, 1988)	Pre-dev Head Target Locations
			● — SEAWAT Boundary
			● — Well Measurement

Figure 34 – Pre-development head contours (Layer 3 simulated heads in 1942) and from Bush & Johnston (1988).

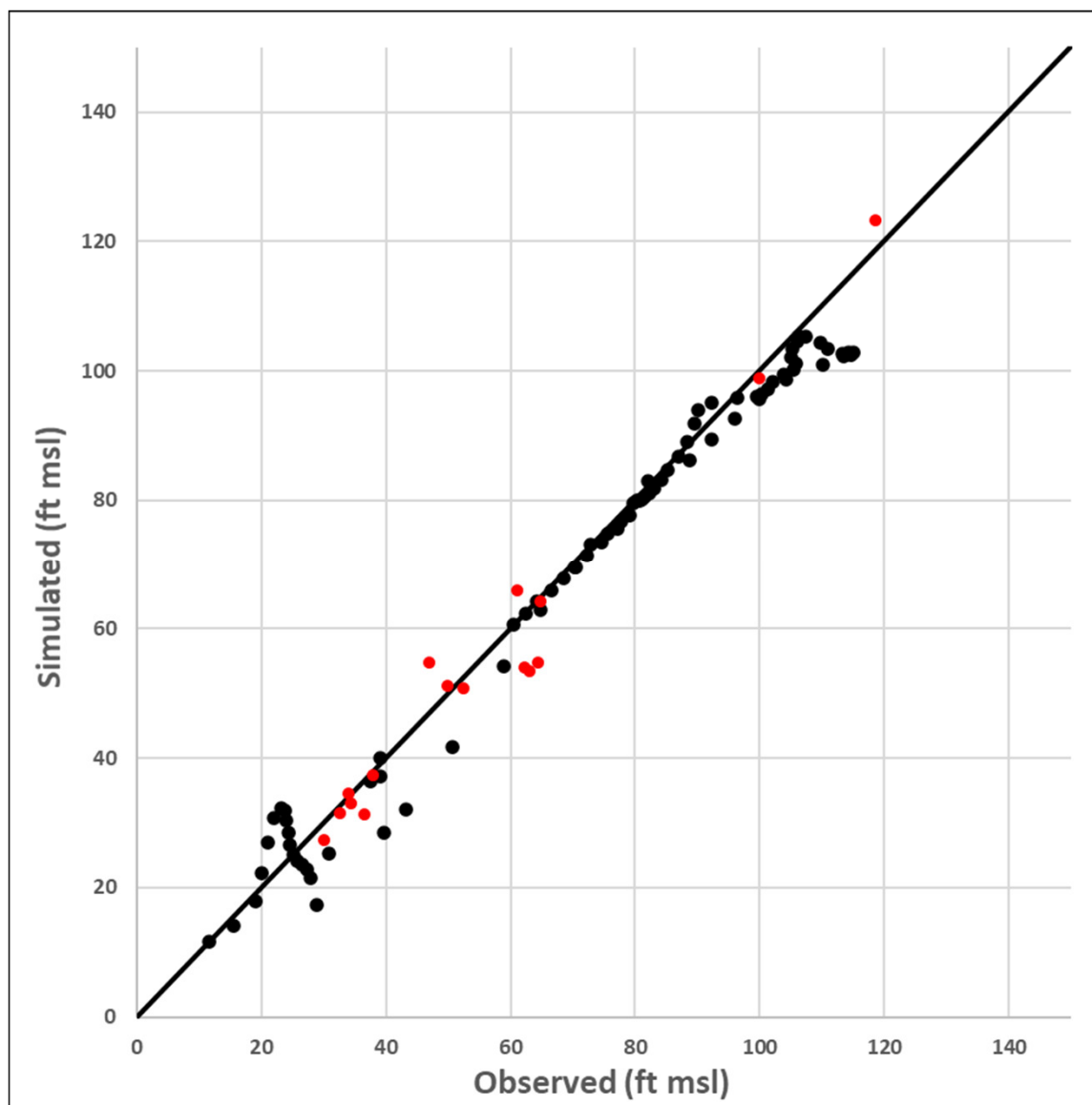
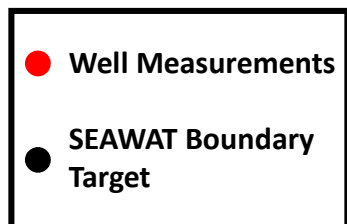


Figure 35 – Observed versus Simulated Pre-Development Groundwater Head Targets.

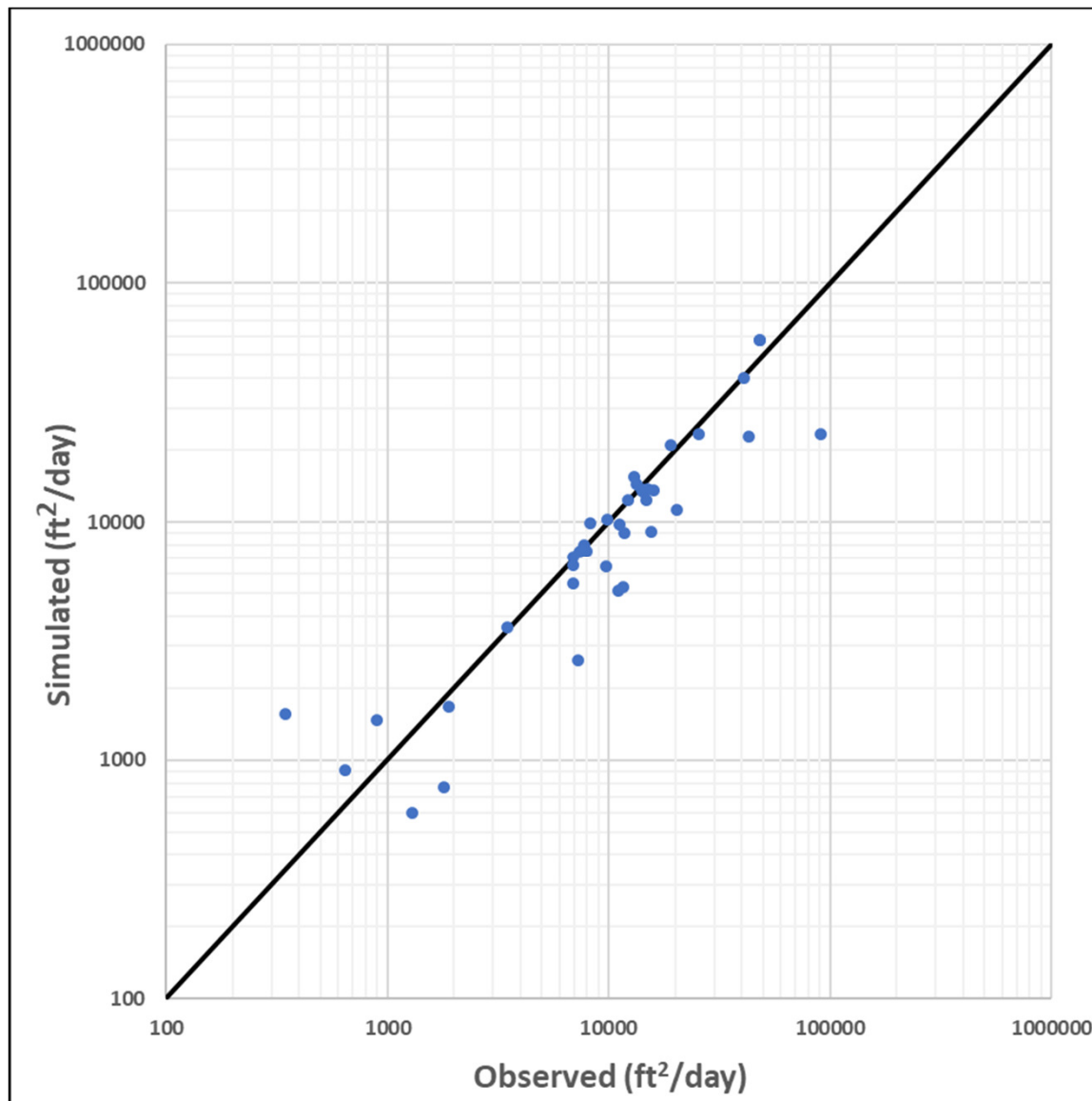


Figure 36 – Observed versus Simulated Transmissivity Targets.

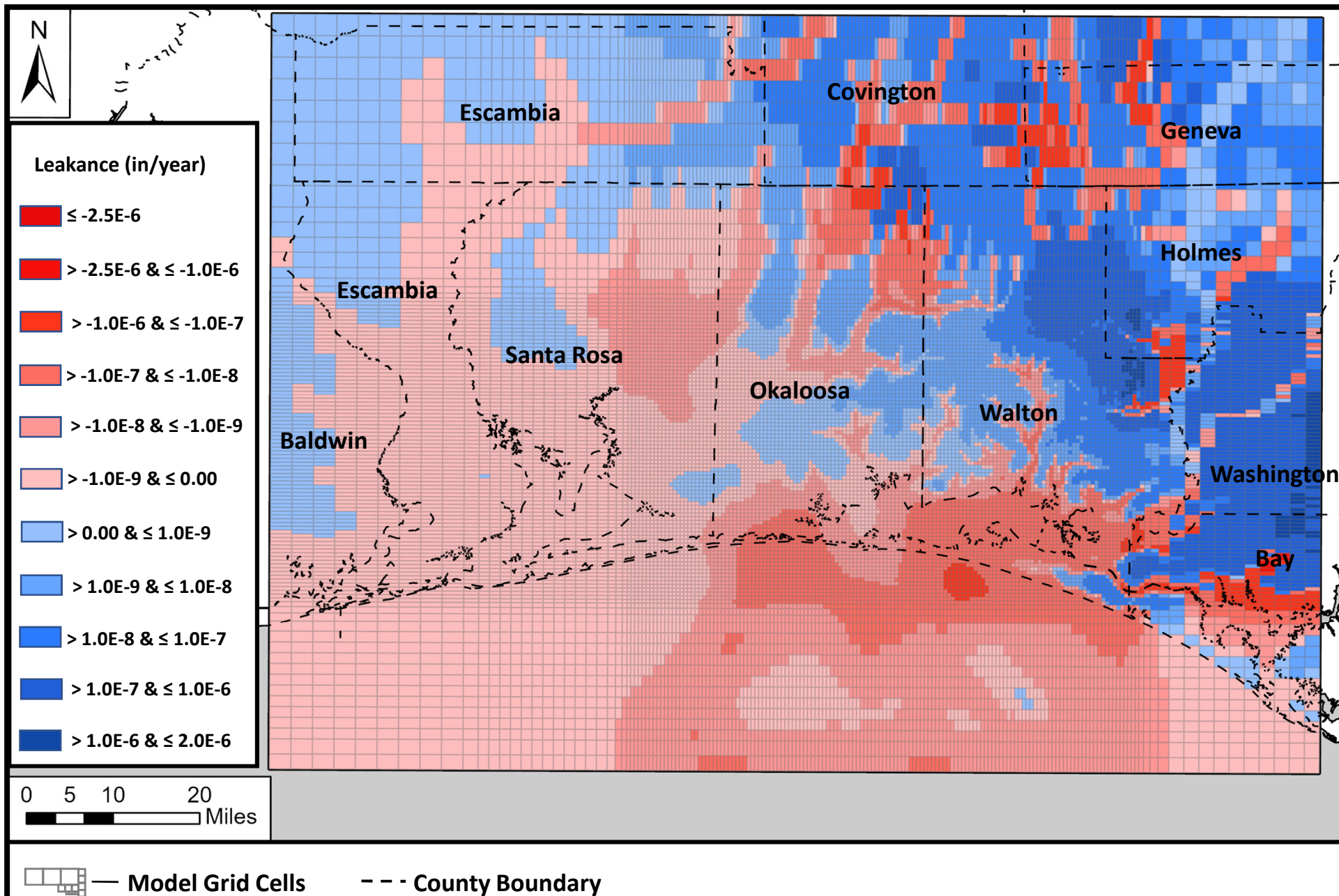


Figure 37 – Leakance into the Upper Floridan Aquifer (layer 3) from the Intermediate Aquifer System (Layer 2) for pre-development.

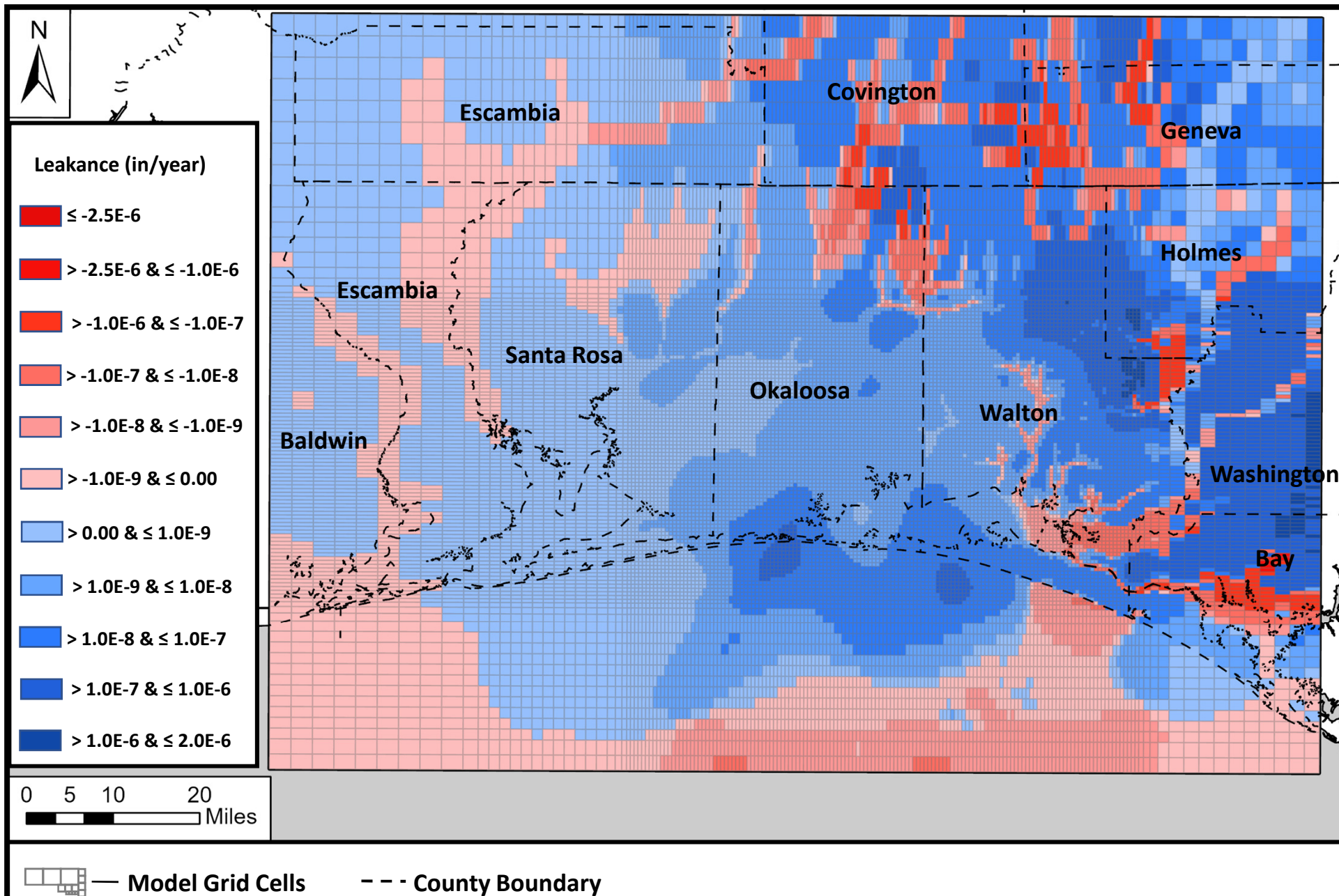


Figure 38 – Leakance into the Upper Floridan Aquifer (layer 3) from the Intermediate Aquifer System (Layer 2) for year 2000.

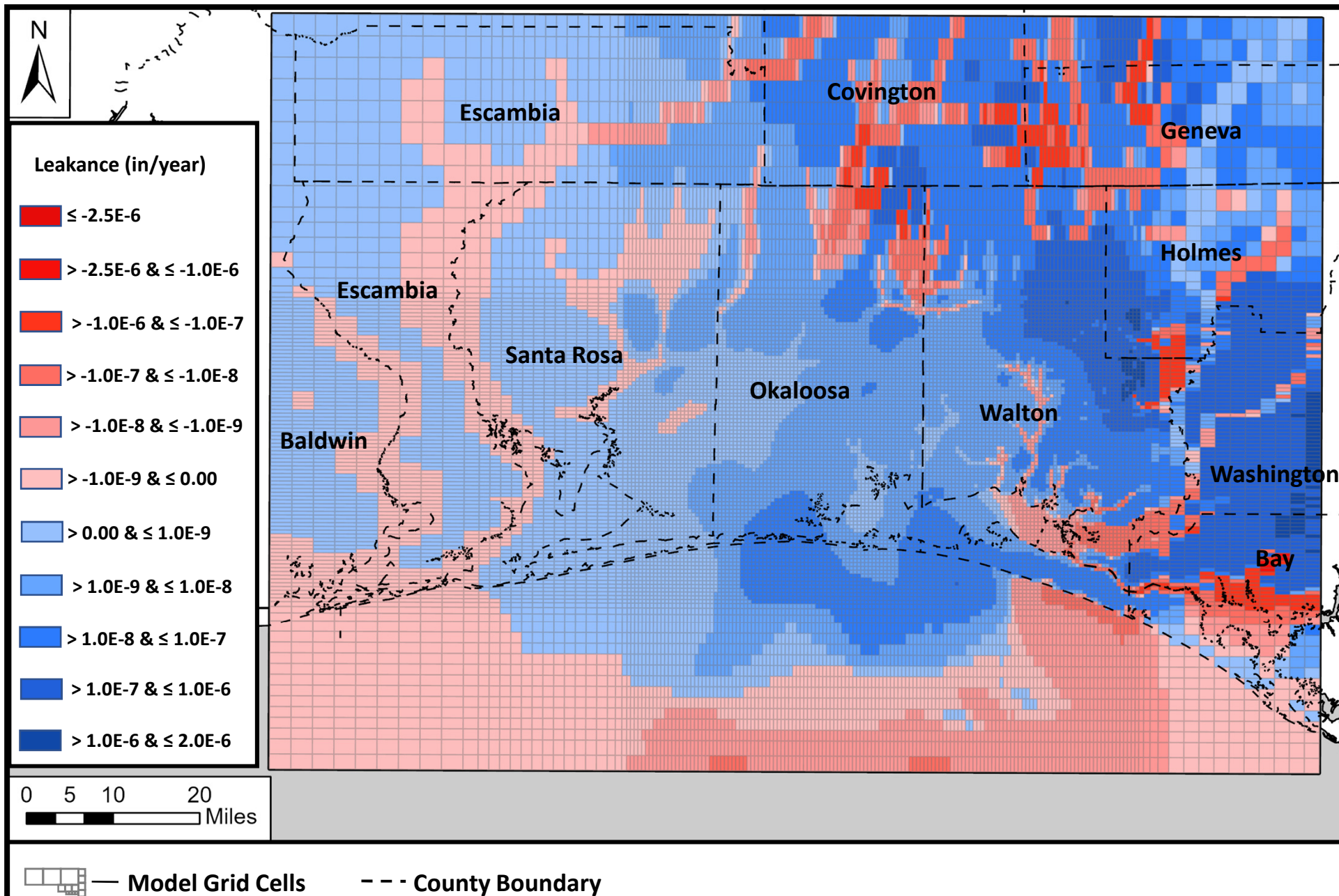


Figure 39 – Leakance into the Upper Floridan Aquifer (layer 3) from the Intermediate Aquifer System (Layer 2) for year 2015.