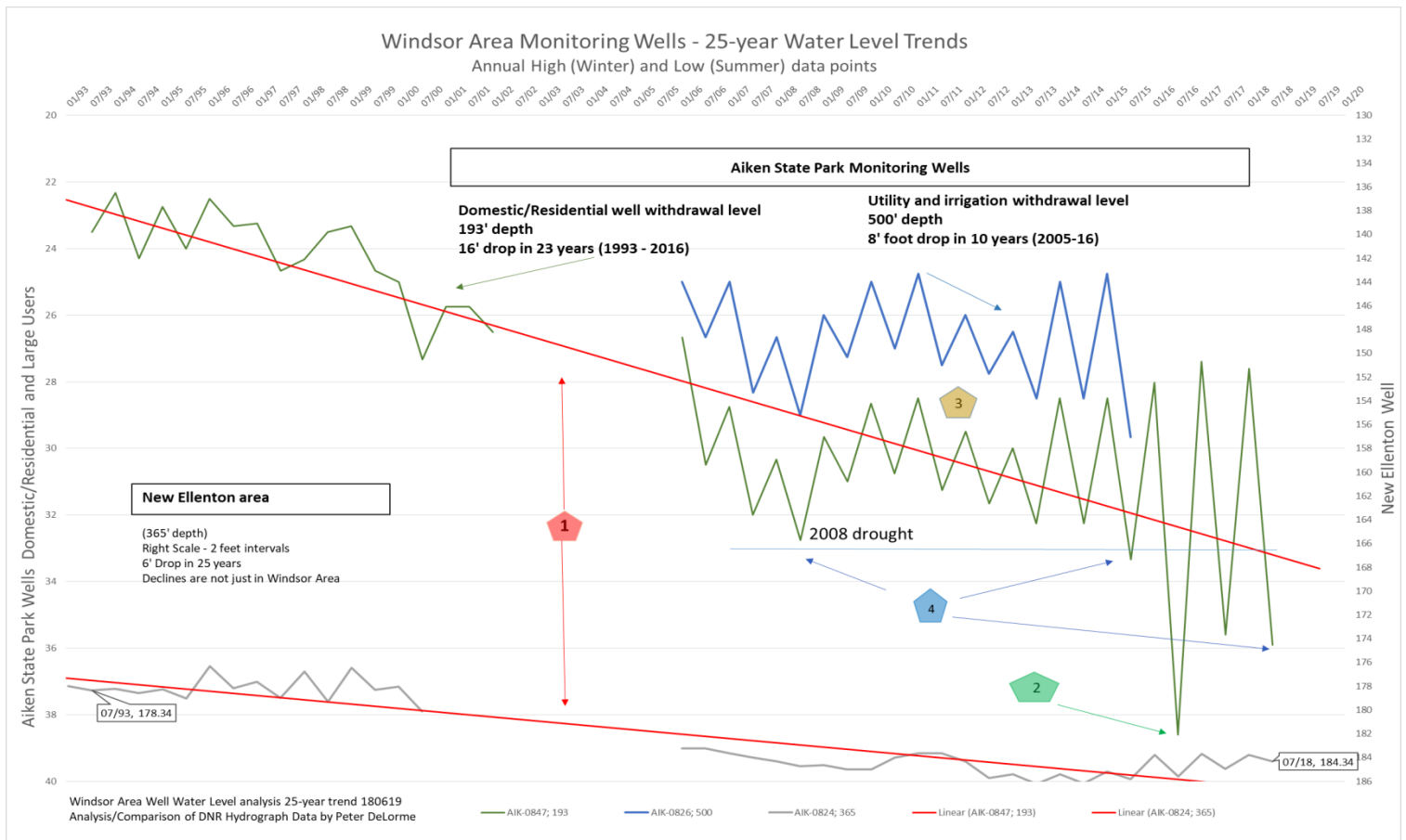


Water For Aiken Through Environmental Reform

Aiken County selected Monitoring Well Water Levels - 1993 to 2018



Key Points

Note: This analysis was created by Peter De Lorme from data collected by DNR and published on its web site. Initially created in 2016, the chart now has data through July, 2018, and shows summer lows continue their downward trend in the wells at Aiken State Park.

1. 25-year trend of declines across Aiken County; trends mirrored across 7-county proposed WCUA
2. Most alarming to both area residents, and state hydrologists, are the dramatic 2016 declines, which, despite variations in rainfall, are part of the continual downward trend
3. In the Windsor area of Aiken the several aquifers are at some points interconnected (as confirmed by a DNR hydrologist and noted in the DHEC Preliminary Assessment)
 - a. Public water utilities and irrigators withdraw at lowest aquifer level – around 400 feet
 - b. Homeowner withdrawals are generally at 200 feet, or above the large withdrawers
 The interconnectedness of the aquifers may cause the shallower homeowner domestic wells to be affected (pump burnouts, etc.) by large withdrawals taking place below them. Note that this is despite the recent increase in winter well levels.
4. Since 2015, summer declines are below the levels not seen since the 2008 drought

Acting now to manage large withdrawals is the prudent course of action