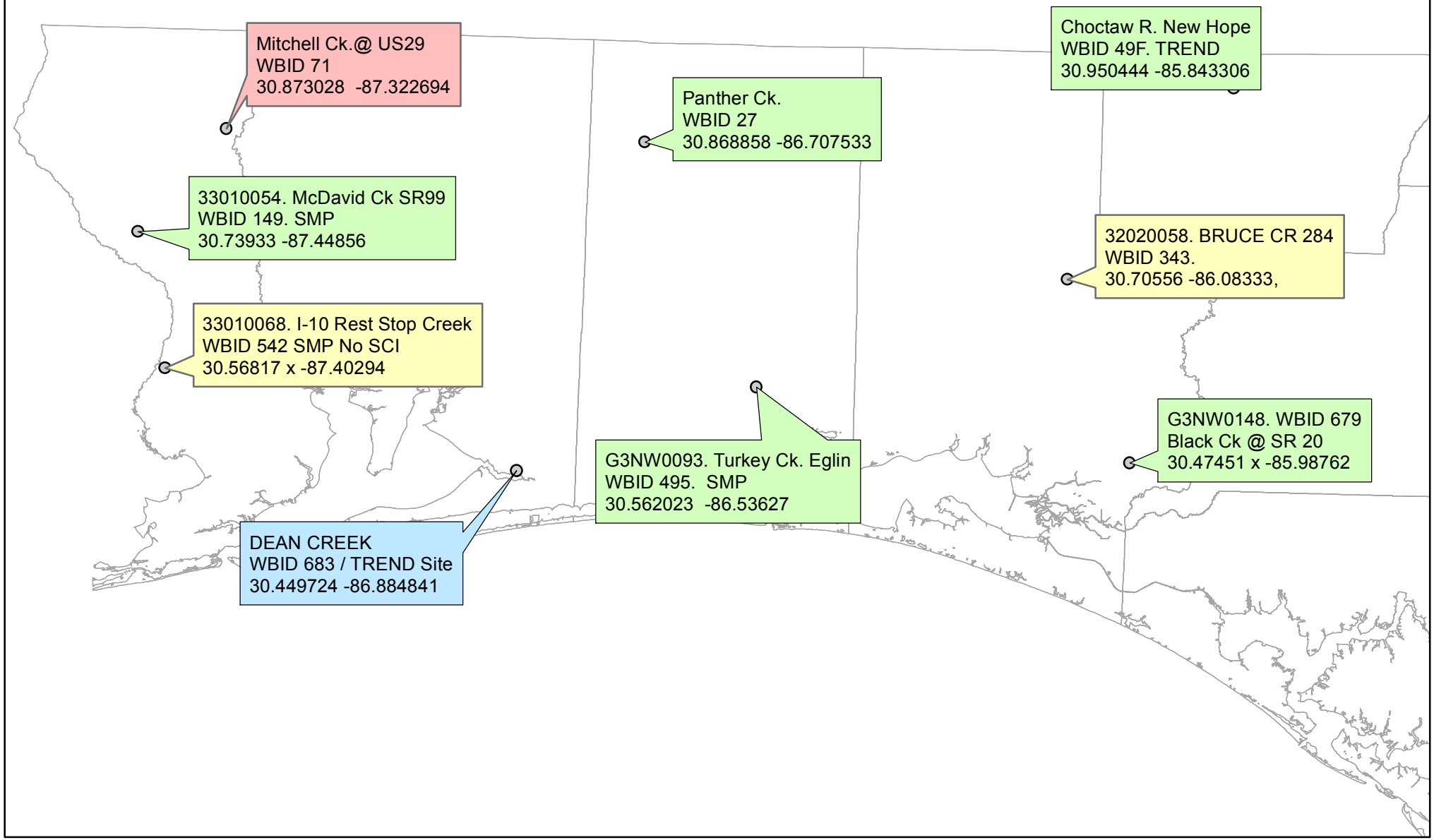Reference Streams
NWROC 2019