



NExUS Needs Assessments Fri Feb 15 18:45:06 EST 2019

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| Need        | Forecasts of low precipitation events for industrial and municipal water supplies  |
| Description | Saltwater intrusion becomes a big issue during low flows, for both industrial and municipal water supplies; drought cant create a salt wedge, which can be then be pushed even further inland by wind and upwelling. |
| Type        | - PRODUCTS: Forecasts and outlooks (monthly to annual, models)   |
| Focus Area  | - Climate Impacts on Water Resources<br>- Changes in Extremes of Weather and Climate   |
| Discipline  | - Physical Science   |
| Sector      | - Infrastructure   |
| Region      | - Regional Or State -- South East  |
| Source      | Sensitivities to Weather and Climate in North Carolina, Southeast Regional Climate Center (SERCC) Interview of Ryan Boyles, NC State Climatologist. June 2011.   |