DROUGHT MONITORING WITH A HIGH RESOLUTION SPEI

REBECCA WARD

STATE CLIMATE OFFICE OF NORTH CAROLINA
DROUGHT INDICES FROM THE NC STATE CLIMATE OFFICE

• STANDARDIZED PRECIPITATION EVAPOTRANSPIRATION INDEX (SPEI)
  • NEWEST (AS OF A MONTH AGO)
• STANDARDIZED PRECIPITATION INDEX (SPI)
• KEETCH-BYRAM DROUGHT INDEX (KBDI)
• PERCENT OF NORMAL
DROUGHT INDICES FROM THE NC STATE CLIMATE OFFICE

WHERE CAN THESE BE ACCESSED?

CLIMATE.NCSU.EDU/WATER/MAP
INTEGRATED WATER PORTAL

• INTEGRATE DATA FROM DISPARATE SOURCES TOGETHER INTO A COMMON FRAMEWORK FROM WHICH USEFUL DROUGHT AND WATER RELATED INFORMATION CAN BE OBTAINED.

• PROVIDE EXPERIMENTAL RESERVOIR AND STREAMFLOW FORECASTS FOR WATER MANAGERS ACROSS THE SOUTHEAST FOR MONTHLY/SEASONAL PLANNING PURPOSES

climate.ncsu.edu/water/map
WHERE CAN I ACCESS THESE MAPS?

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water/map
Aug 18, 2015

120-day SPI

Exceptional Wetness

Extreme Wetness

Severe Wetness

Moderate Wetness

Abnormal Wetness

Normal

Abnormal Dryness

Moderate Dryness

Severe Dryness

Extreme Dryness

Exceptional Dryness

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THANKS!
(Feedback is welcomed!)

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