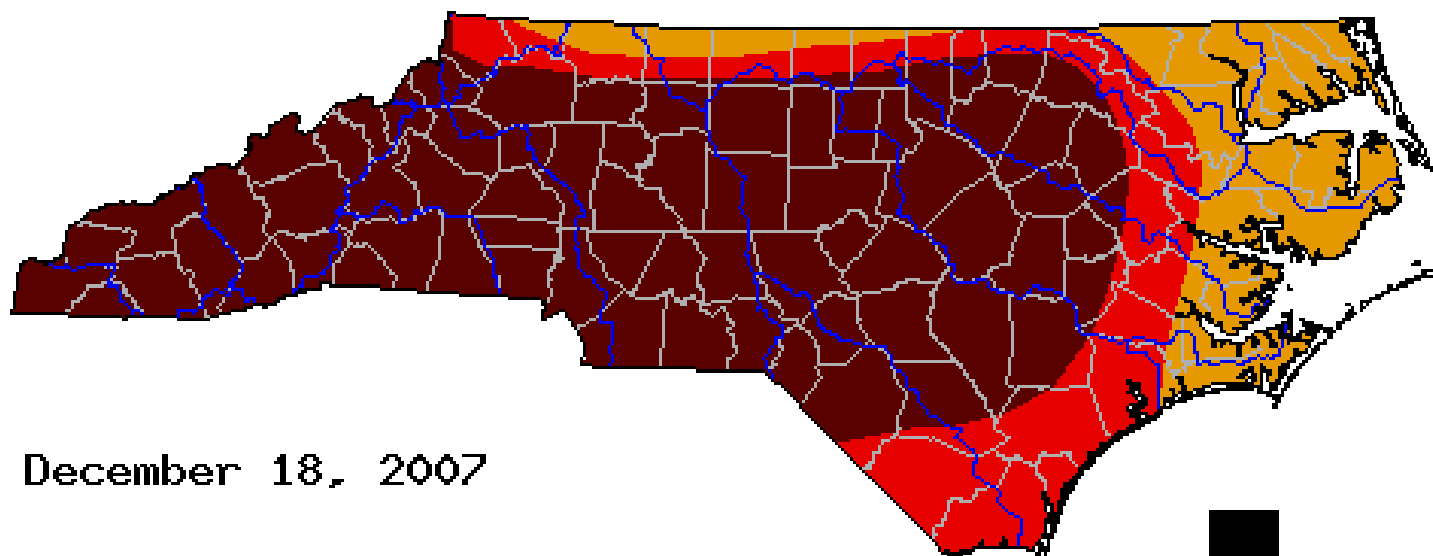


Environmental Review Commission

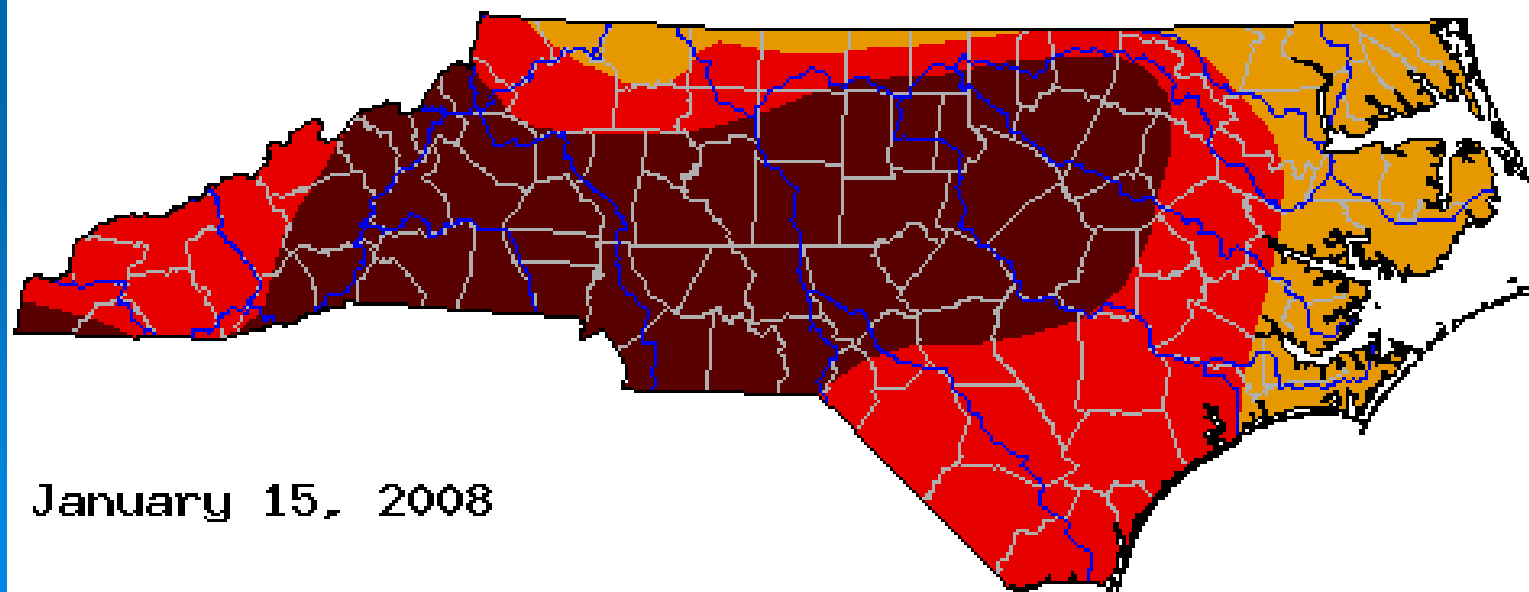
Drought Update

Division of Water Resources
January 23, 2008





December 18, 2007



January 15, 2008

Drought Classifications
D0 - Abnormally Dry
D1 - Moderate Drought
D2 - Severe Drought
D3 - Extreme Drought
D4 - Exceptional Drought

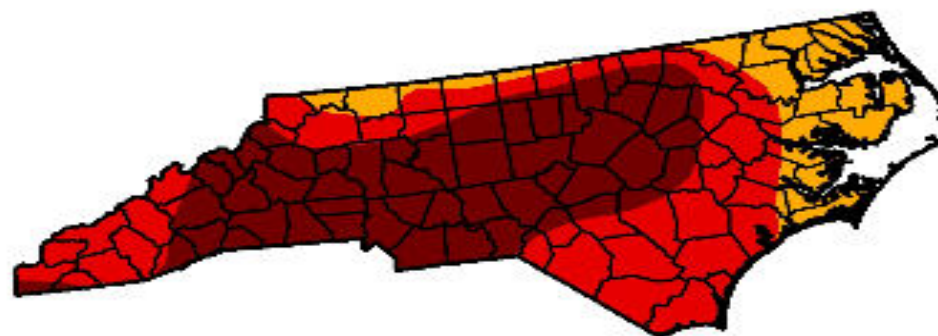
Current Conditions Drought Monitor

U.S. Drought Monitor North Carolina

January 15, 2008
Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|------|-------|-------|-------|-------|------|
| Current | 0.0 | 100.0 | 100.0 | 100.0 | 83.5 | 46.0 |
| Last Week (01/08/2008 map) | 0.0 | 100.0 | 100.0 | 100.0 | 83.7 | 51.3 |
| 3 Months Ago (10/23/2007 map) | 0.0 | 100.0 | 100.0 | 100.0 | 84.8 | 56.5 |
| Start of Calendar Year (01/01/2008 map) | 0.0 | 100.0 | 100.0 | 100.0 | 83.7 | 51.3 |
| Start of Water Year (10/02/2007 map) | 0.0 | 100.0 | 100.0 | 92.8 | 79.4 | 37.7 |
| One Year Ago (01/16/2007 map) | 98.6 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 |



Intensity:

| | |
|--|--|
| D0 Abnormally Dry | D3 Drought - Extreme |
| D1 Drought - Moderate | D4 Drought - Exceptional |
| D2 Drought - Severe | |

The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. See accompanying text summary
for forecast statements

<http://drought.unl.edu/dm>



Released Thursday, January 17, 2008
Author: Rich Tinker, CPC/NOAA

Unofficial Rainfall Estimates

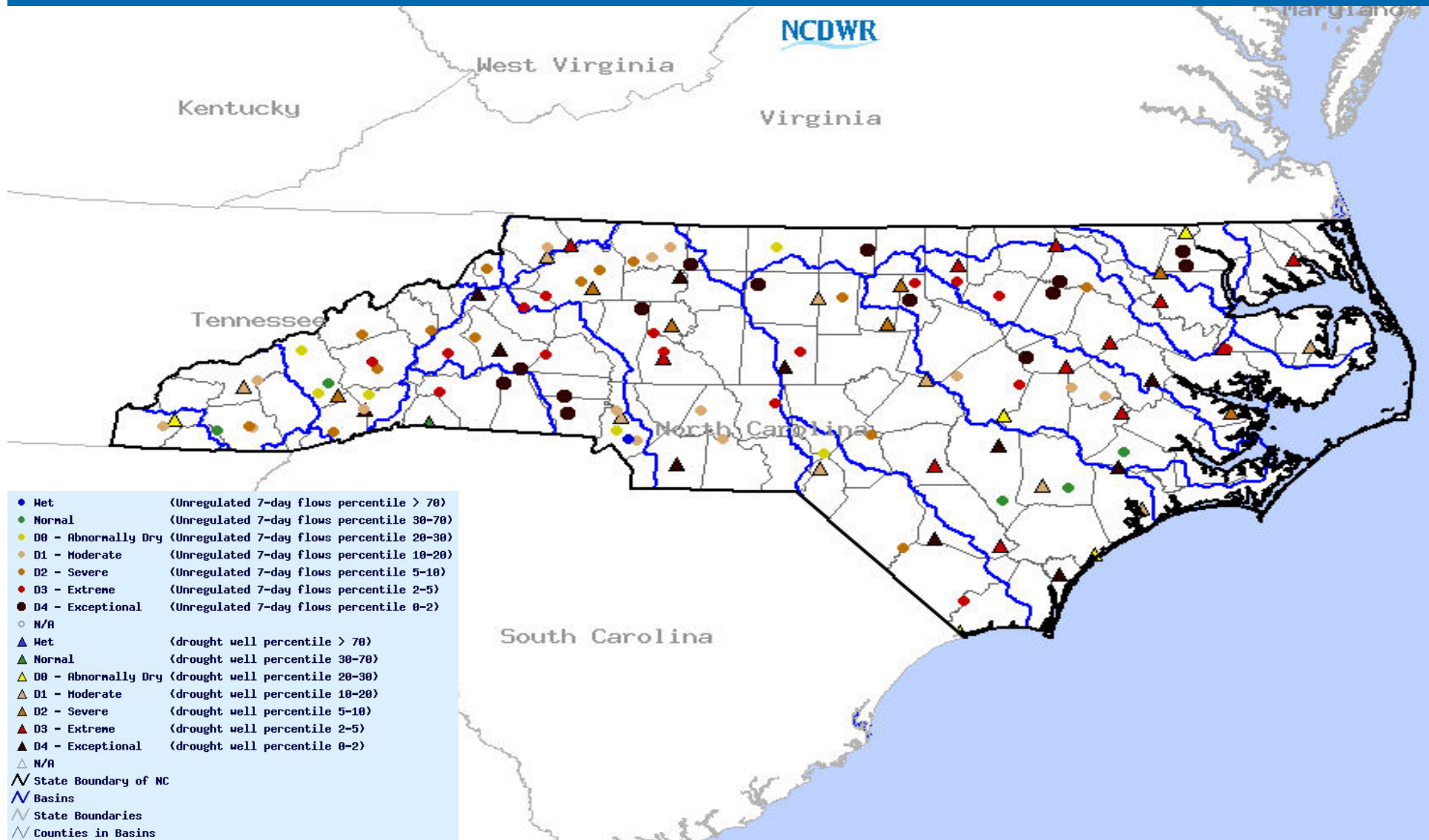
Dec 22, 2007 through Jan 20, 2008

| | Total Rainfall | Departure from Normal | Pct of Normal | Rank | Driest on Record |
|--------------------------|-------------------|--------------------------|------------------|--------------|---------------------|
| North Carolina Statewide | 4.02" | -0.04 | 99% | 28th wettest | 0.88" (85-86) |
| | | | | | |

**365-Day Precip for North Carolina
Jan 21, 2007 through Jan 20, 2008**

| | Total Rainfall | Departure from Normal | Pct of Normal | Rank | Driest on Record |
|--------------------------|-------------------|--------------------------|------------------|------------|---------------------|
| North Carolina Statewide | 34.20" | -16.25 | 68% | 1st driest | 39.31" (88-89) |
| | | | | | |

Current Conditions Ground Water Levels & Streamflows



Current Conditions

Public Water Supply Systems

Water Conservation level summary data

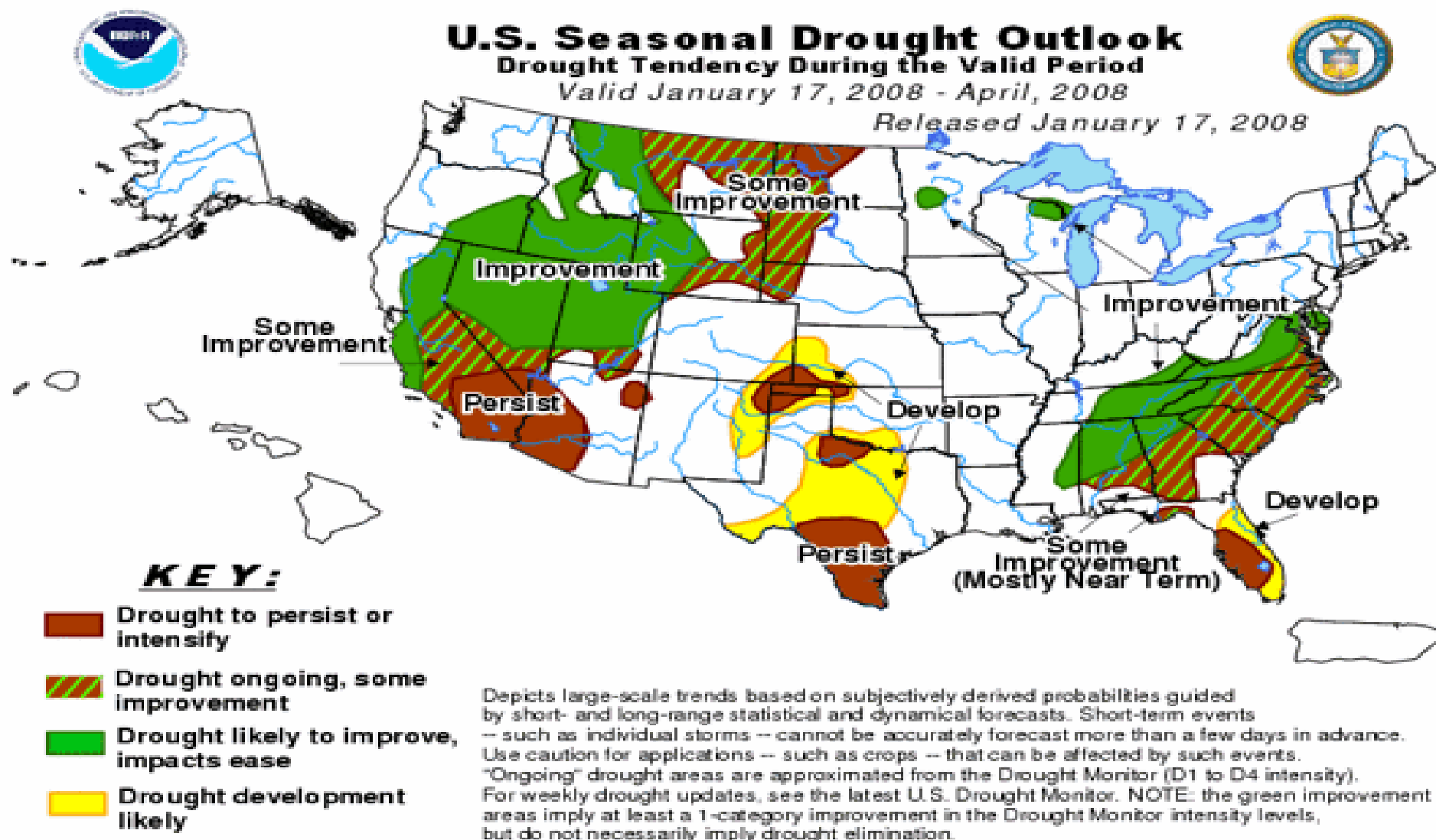
| Status | Systems | | Population | |
|------------------------|---------|---------|------------|---------|
| | Number | Percent | Number | Percent |
| Not Restricted | 291 | 46.34 | 1,329,479 | 19.61 |
| Voluntary Conservation | 165 | 26.27 | 1,693,442 | 24.97 |
| Mandatory Conservation | 172 | 27.39 | 3,758,251 | 55.42 |
| Emergency | 0 | 0.00 | 0 | 0.00 |
| Total | 628 | | 6,781,172 | |

Public Water Supply Systems

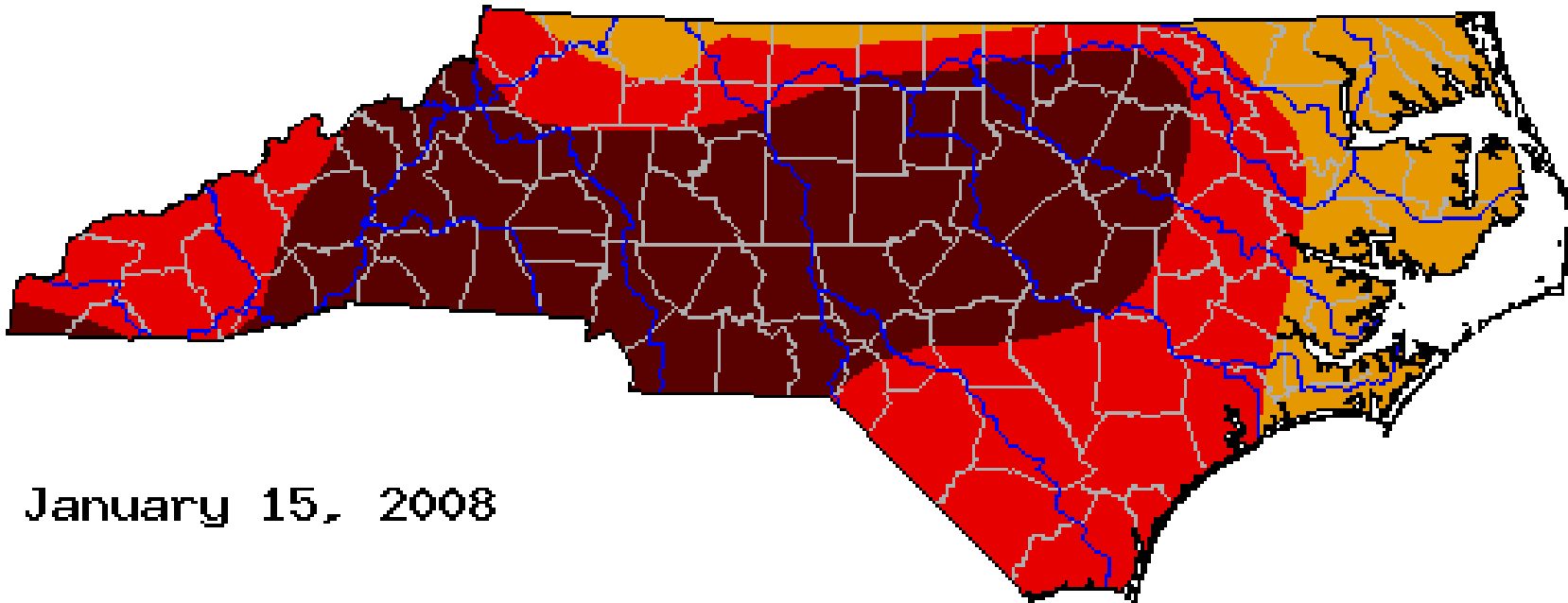
Weekly Water Use Reduction Compared to August

| System | 1/7/2008 | 12/31/2007 | 12/24/2007 | 12/17/2007 |
|------------------------------|----------|------------|------------|------------|
| <u>Charlotte-Mecklenburg</u> | | -40% | -43% | -40% |
| <u>Raleigh</u> | -35% | -37% | -41% | -38% |
| <u>Durham</u> | -43% | -41% | -46% | -43% |
| <u>Winston-Salem</u> | -29% | -34% | -36% | -32% |
| <u>Greensboro</u> | -32% | -35% | -39% | -34% |
| <u>Fayetteville</u> | -36% | -37% | -41% | -38% |
| <u>Davidson Water</u> | -31% | -29% | -32% | -32% |
| <u>Wilmington</u> | -50% | -51% | -55% | -52% |
| <u>Cary</u> | -38% | -42% | -45% | -41% |
| <u>Asheville</u> | -14% | | -17% | -13% |

Forecast



Questions



- NC Drought Management Advisory Council -
<http://www.ncdrought.org/>
- Water Sources Task Force -
http://www.ncwater.org/Drought_Monitoring/wstaskforce.php