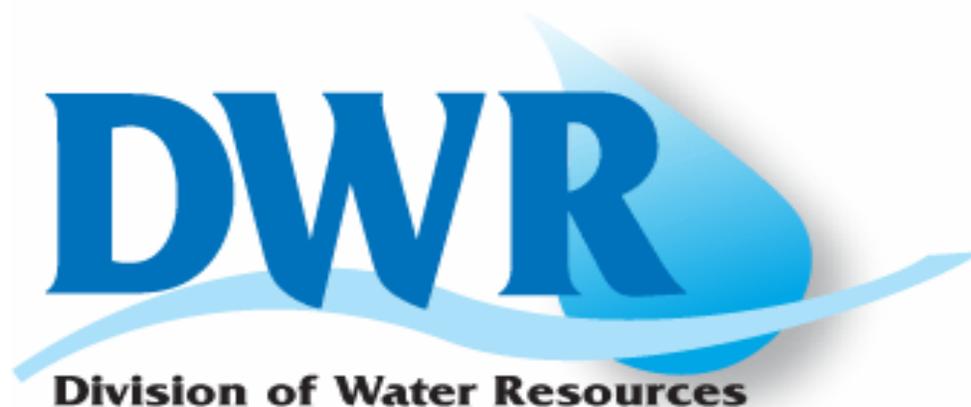


Ongoing Activities Within DWR

March 11, 2009



Overview

- Review of Water Shortage Response Plans (WSRP)
- River Basin Water Supply Plans
- NC Beach & Inlet Management Plan (NC BIMP)
- Water Resource / Economic Recovery Projects
- Annual Water Withdrawal Reporting
- Other Topics
 - Water Allocation Study
 - Bi- State Commissions

Review of WSRPs

- Mandated by 2008 Drought Bill
- Concentrating on Western NC
 - Area of remaining drought
- Approx. 50% Approval Rate
- First Disapproval Letters Mailed this Week
- Approval Criteria / Models available on Web
- Future Update this Summer

River Basin Water Supply Plans

- 1st Draft of Cape Fear Water Supply Plan.
- First River Basin Water Supply Plan completed.
- Projects potential future water supply shortages.
 - Based on OASIS hydrologic model.
 - Looks out 30 to 50 years.
- Other basin plans already underway.
 - Neuse / Roanoke
- Briefing on Cape Fear Plan to WAC in May.

NC BIMP

- Plan dev. mandated by General Assembly
- Joint project with DCM.
- Develop comprehensive plan for the future maintenance of NC's beaches and coastal inlets.
- Subject of multiple meetings & public input.
- Draft plan in May 2009.
- Future briefing to WAC in July.

Water Resource / Economic Recovery Projects

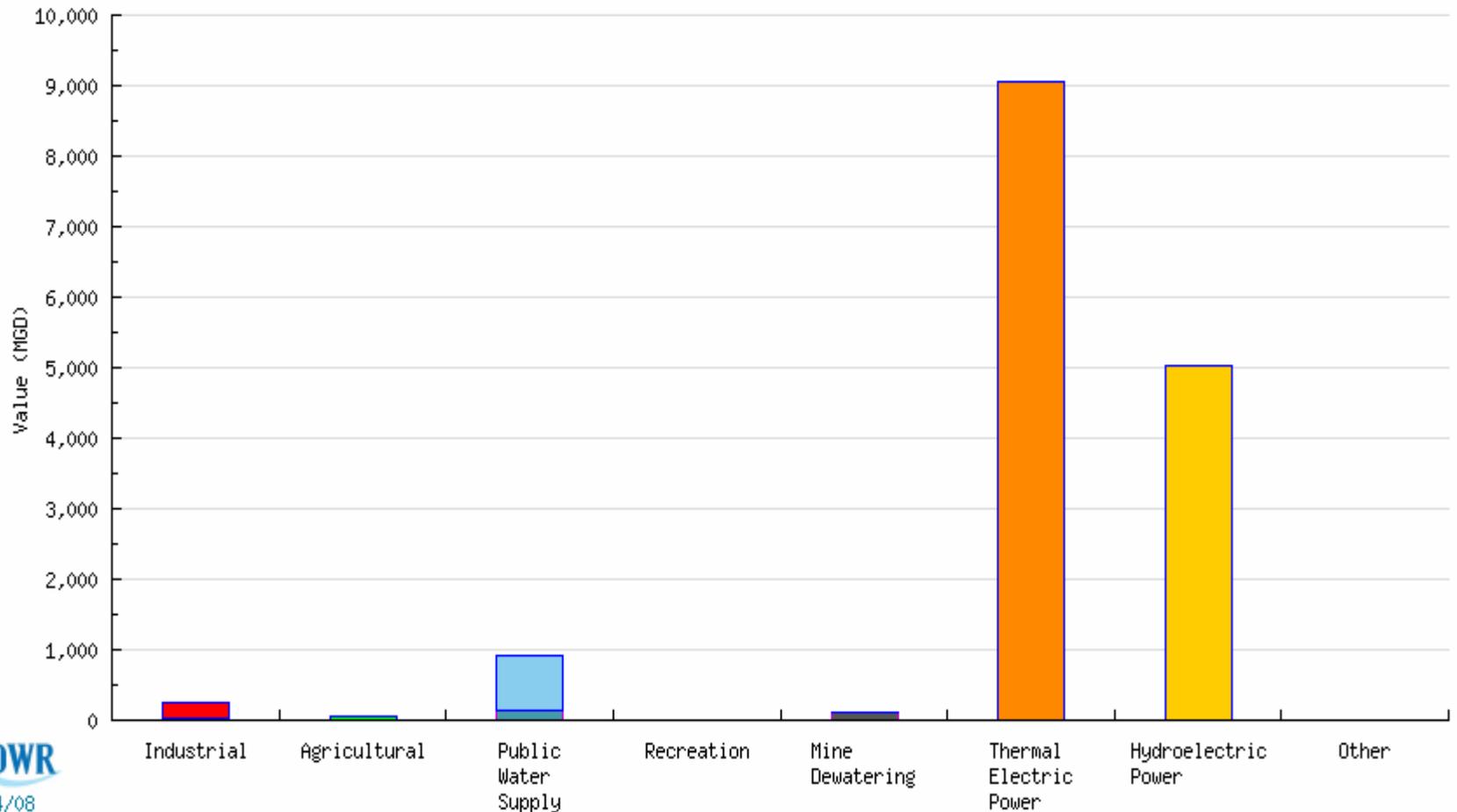
- Economic Recovery Projects
 - Dependent on federal funding for Army Corps.
 - State match required.
- FY-2010 Water Resource Development Projects
 - Draft budget of \$17M to \$20M submitted to OSBM.
- FY-2009 Spring Grant Cycle
 - State-local grants.
 - Approx. \$1.5M in awards this month.
- Future update to WAC

Annual Water Withdrawal Reporting

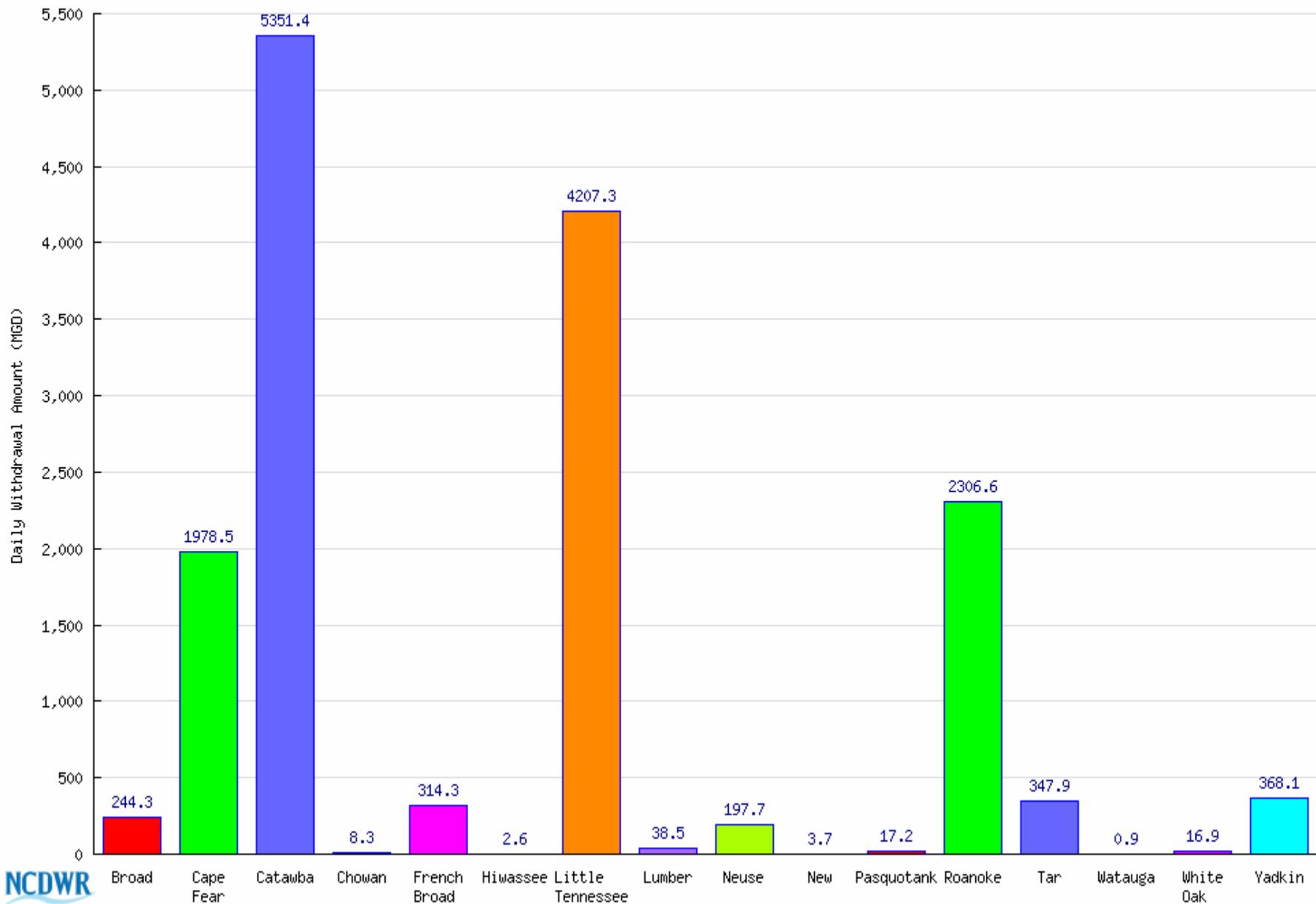
- Reporting due April 1.
- All registered users.
 - Non-ag > 100,000 gallons per day.
 - Ag > 1,000,000 gallons per day.
- Registered users notified of requirement.
- Reporting done electronically on DWR website.
- 1st agricultural survey – July 2009.
 - Mandated in 2008 Drought Bill.
 - Ag users > 10,000 gallons per day.

| Water Sources | Reported Water Withdrawals (By Use Types) | | | | | | | | | |
|---------------|---|--------------------|-------------------|---------------------|------------------|--------------------|------------------------|----------------------|------------------|--|
| | Total | Industrial | Agricultural | Public Water Supply | Recreation | Mine Dewatering | Thermal Electric Power | Hydroelectric Power | Other | |
| Ground | 271,395,842 | 19,650,728 | 9,400,848 | 137,865,666 | 1,142,105 | 102,592,810 | 430,437 | 1,905 | 311,343 | |
| Surface | 15,137,615,894 | 222,228,865 | 34,447,827 | 765,854,724 | 4,904,364 | 17,088,322 | 9,055,640,875 | 5,036,749,971 | 700,945 | |
| Total | 15,409,011,735 | 241,879,593 | 43,848,675 | 903,720,390 | 6,046,469 | 119,681,132 | 9,056,071,312 | 5,036,751,876 | 1,012,289 | |

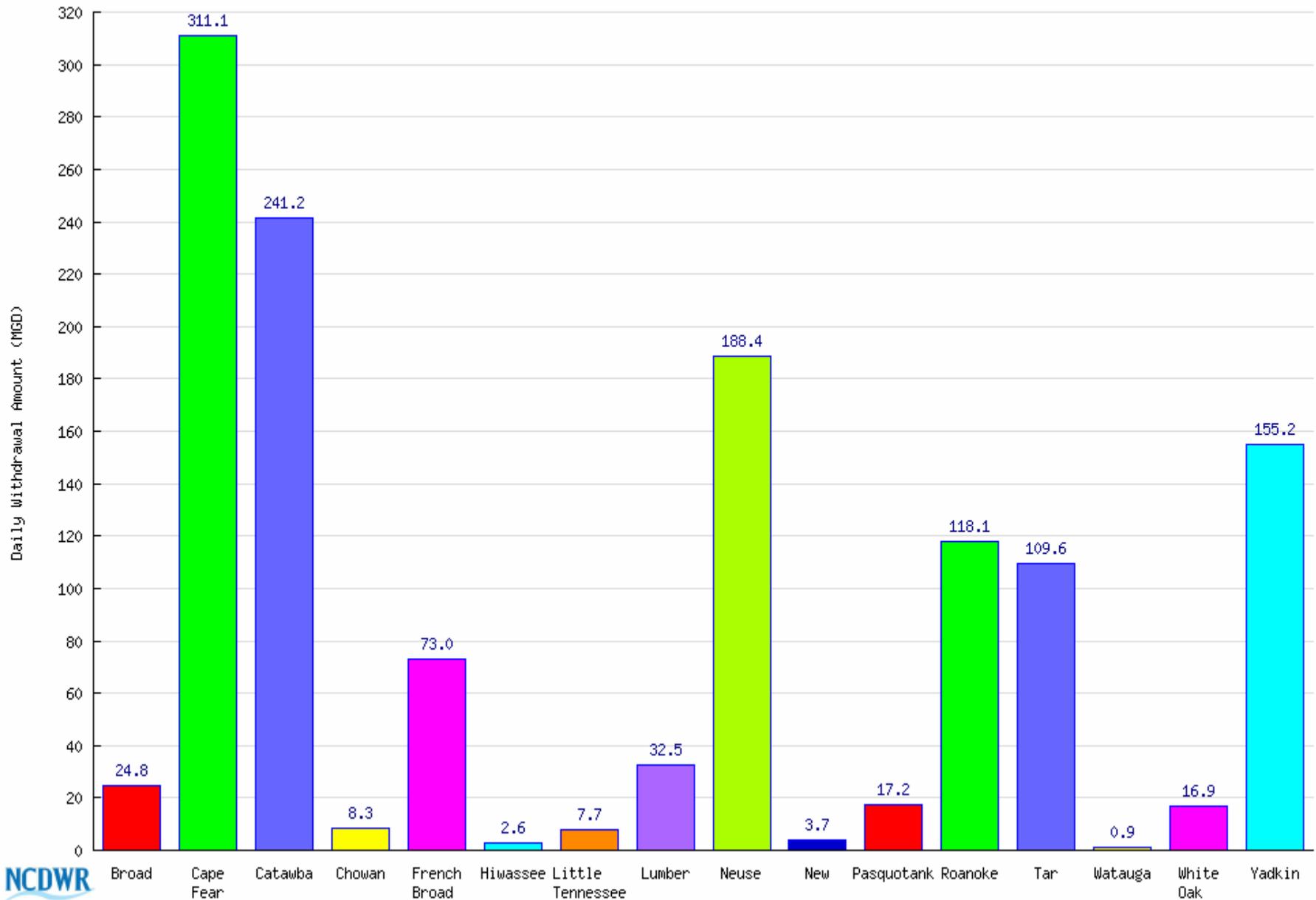
Composite Total Daily Water Withdrawal in Whole State



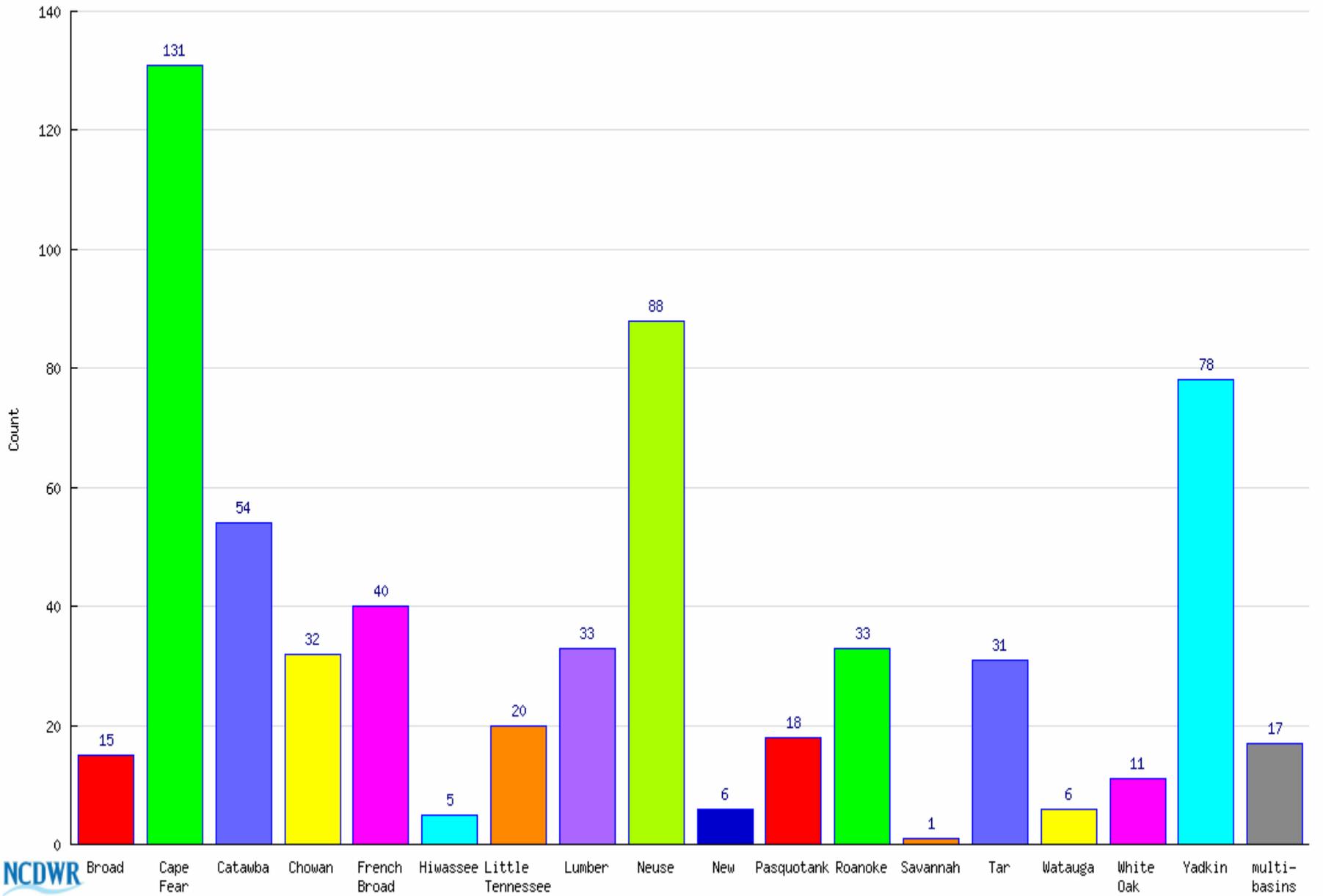
Daily Withdrawals By Basin



Daily Withdrawals By Basin (Electric Generation Excluded)



Number of Registered Withdrawals by Basin



Other Topics

- Water Allocation Study
 - Subject of report in previous WAC meeting.
 - Possibility of legislation to implement recommendations introduced this Session.
- Bi-State Commissions
 - Catawba – Wateree meets 3-4 times/yr.
 - First meeting of Roanoke Bi-State March 27.

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