

# 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

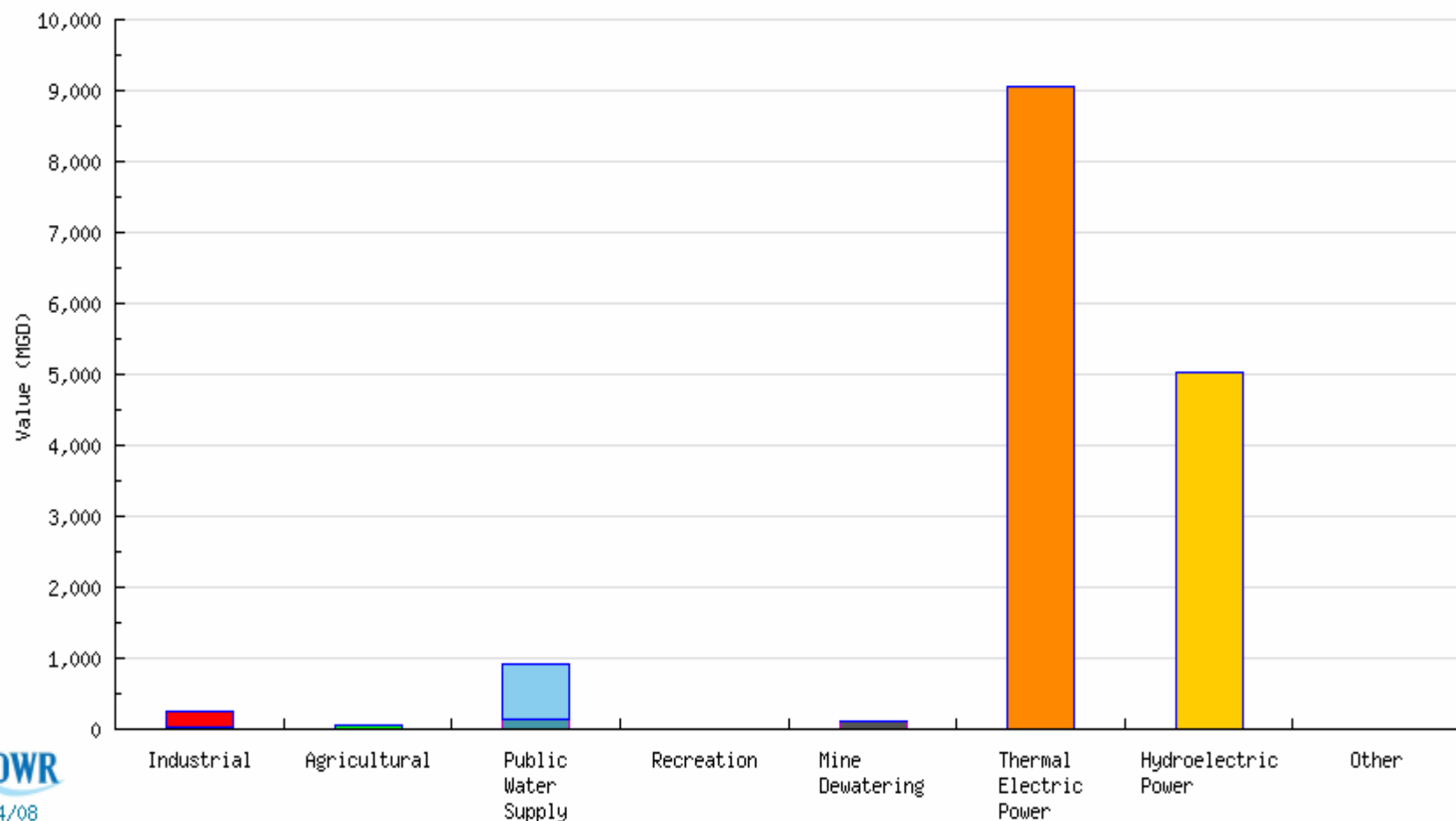
- Economic Recovery Projects
  - Dependent on federal funding for Army Corps.
  - State match required.
- FY-2010 Water Resource Development Projects
  - Draft budget of \$17M to \$20M submitted to OSBM.
- FY-2009 Spring Grant Cycle
  - State-local grants.
  - Approx. \$1.5M in awards this month.
- Future 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.
- 1<sup>st</sup> agricultural survey – July 2009.
  - Mandated in 2008 Drought Bill.
  - Ag users > 10,000 gallons per day.

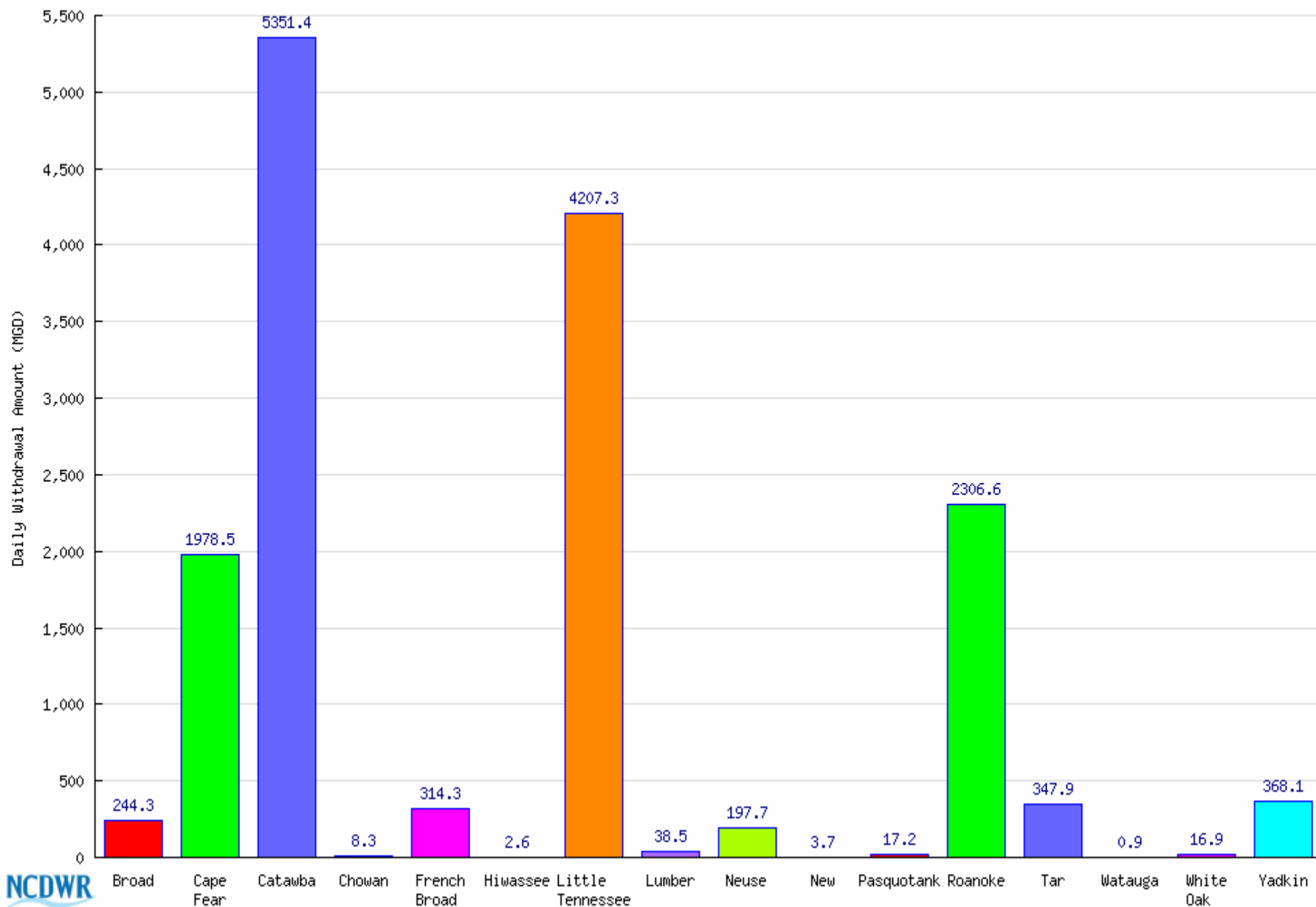
Water Sources	Reported Water Withdrawals (By Use Types)								
	Total	Industrial	Agricultural	Public Water Supply	Recreation	Mine Dewatering	Thermal Electric Power	Hydroelectric Power	Other
Ground	271,395,842	19,650,728	9,400,848	137,865,666	1,142,105	102,592,810	430,437	1,905	311,343
Surface	15,137,615,894	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

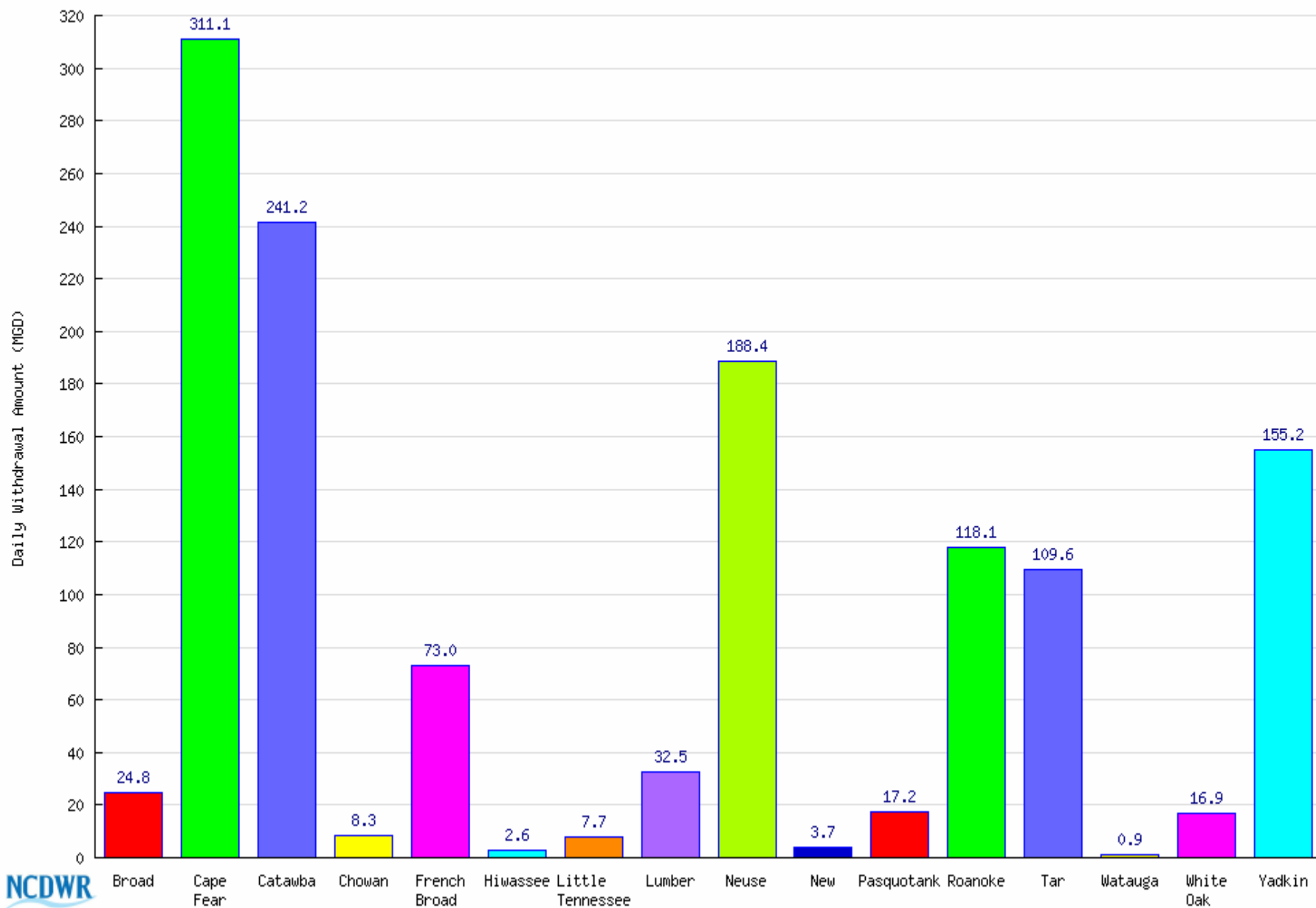




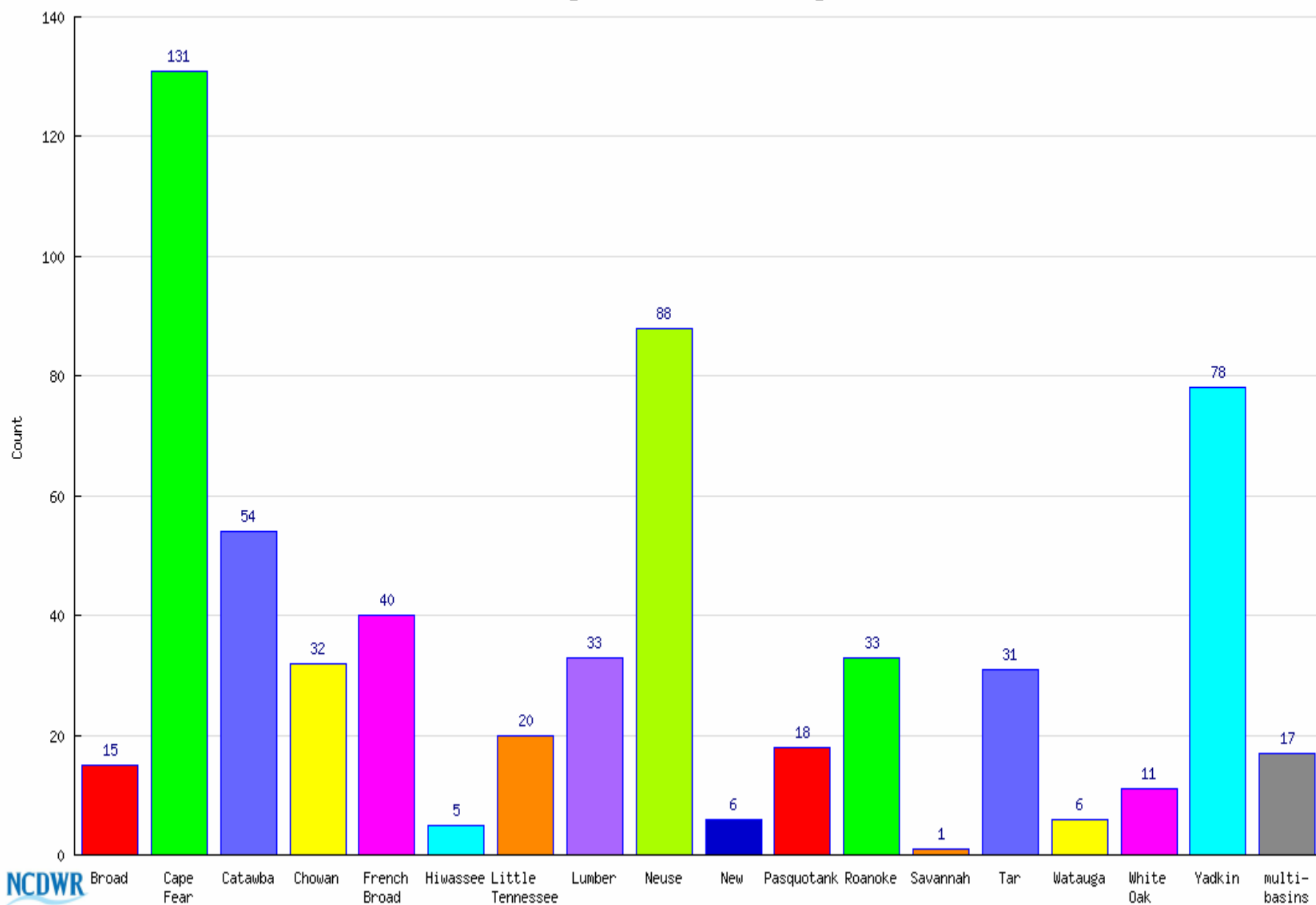
# Daily Withdrawals By Basin



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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