LAKE OKEECHOBEE ECOLOGICAL UPDATE

Water Resources Advisory Commission
Lake Okeechobee Committee Meeting
January 24, 2011

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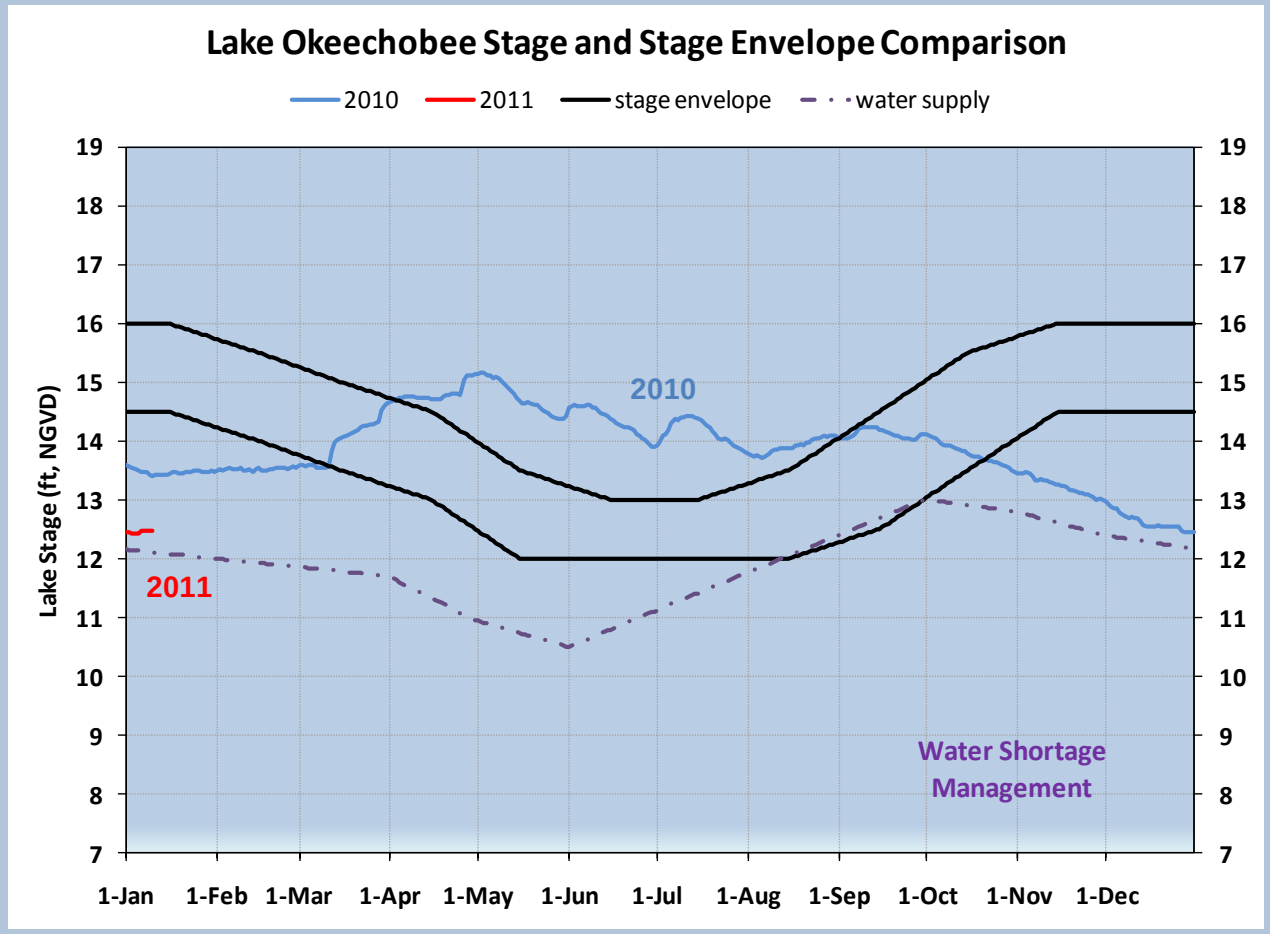
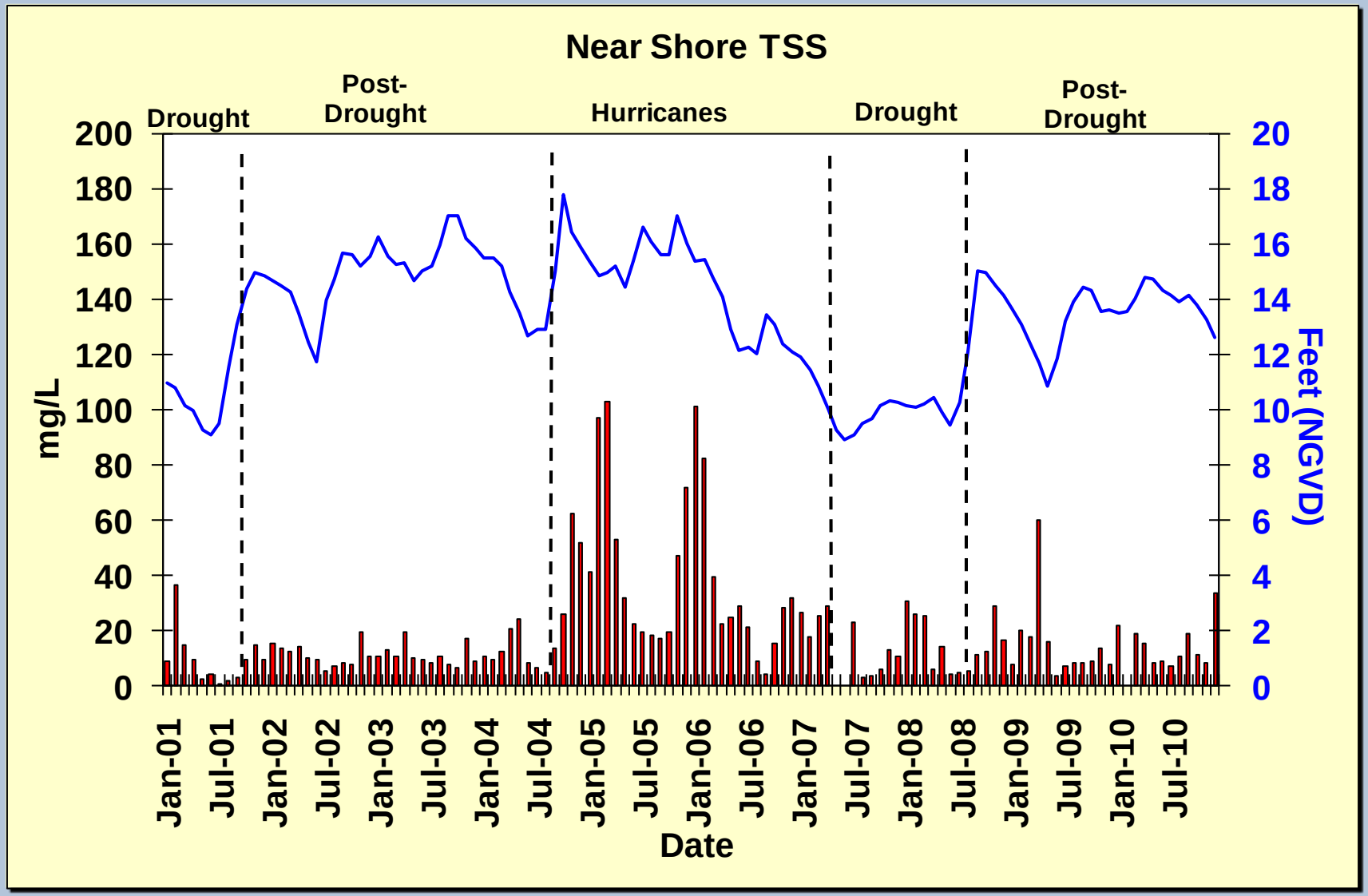
LAKE STAGE AND WATER QUALITY

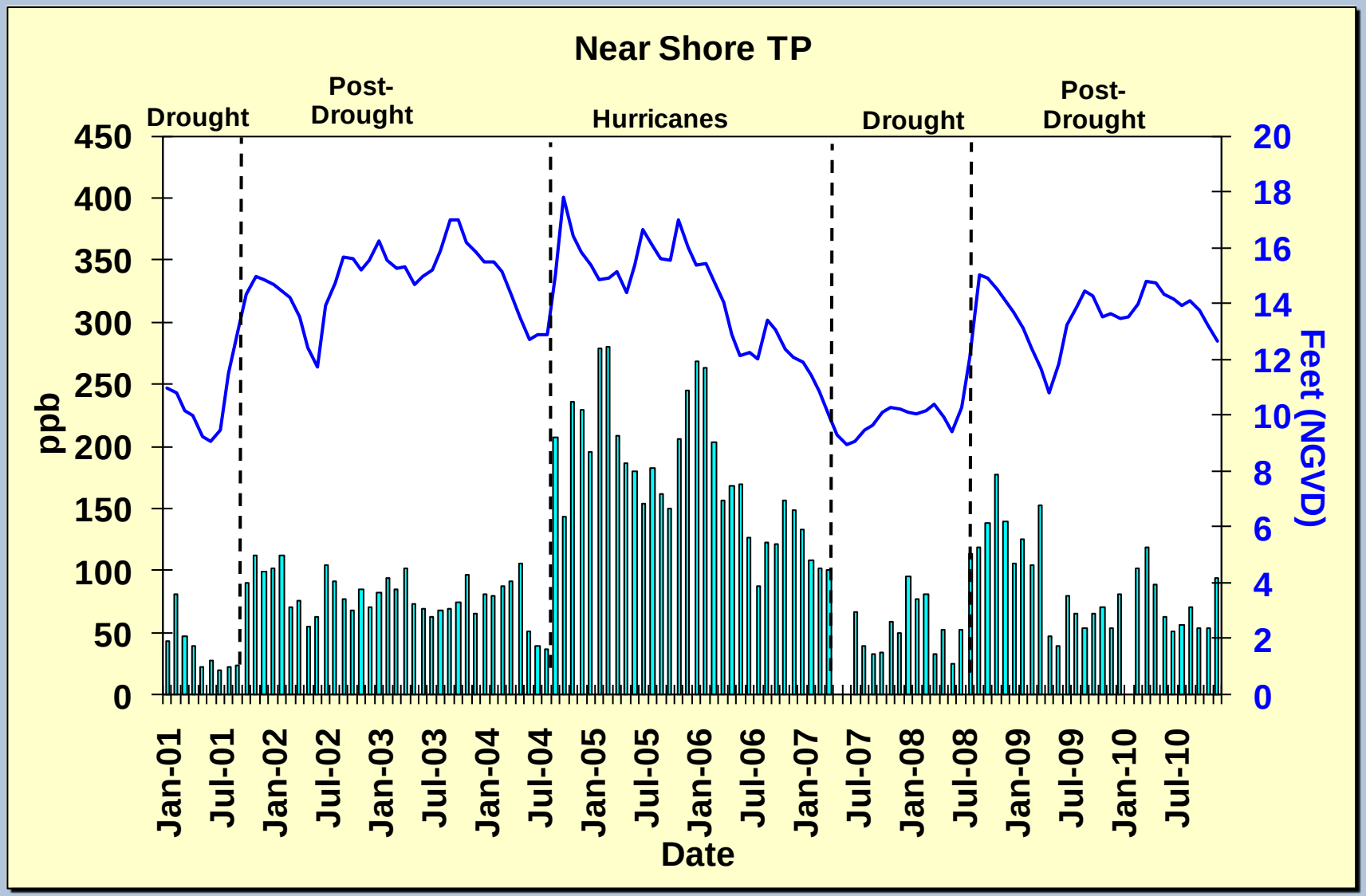
- Lake stage is 12.46’
  - 0.23’ lower than last month
  - 0.94’ lower than last year
- Water clarity is good
- Both Total Phosphorus and Total Suspended Solids increased substantially in December



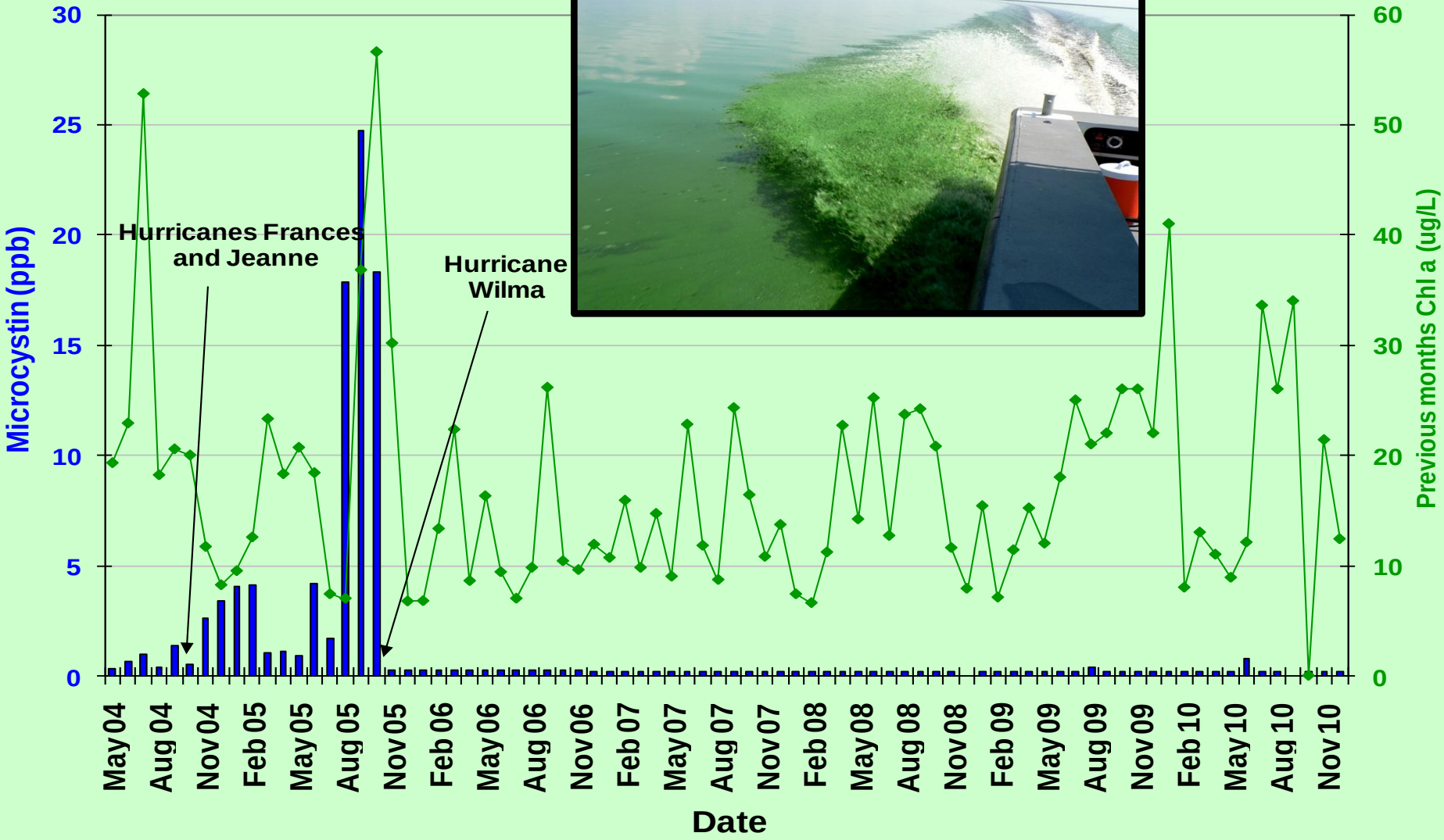
WATER QUALITY – TOTAL SUSPENDED SOLIDS



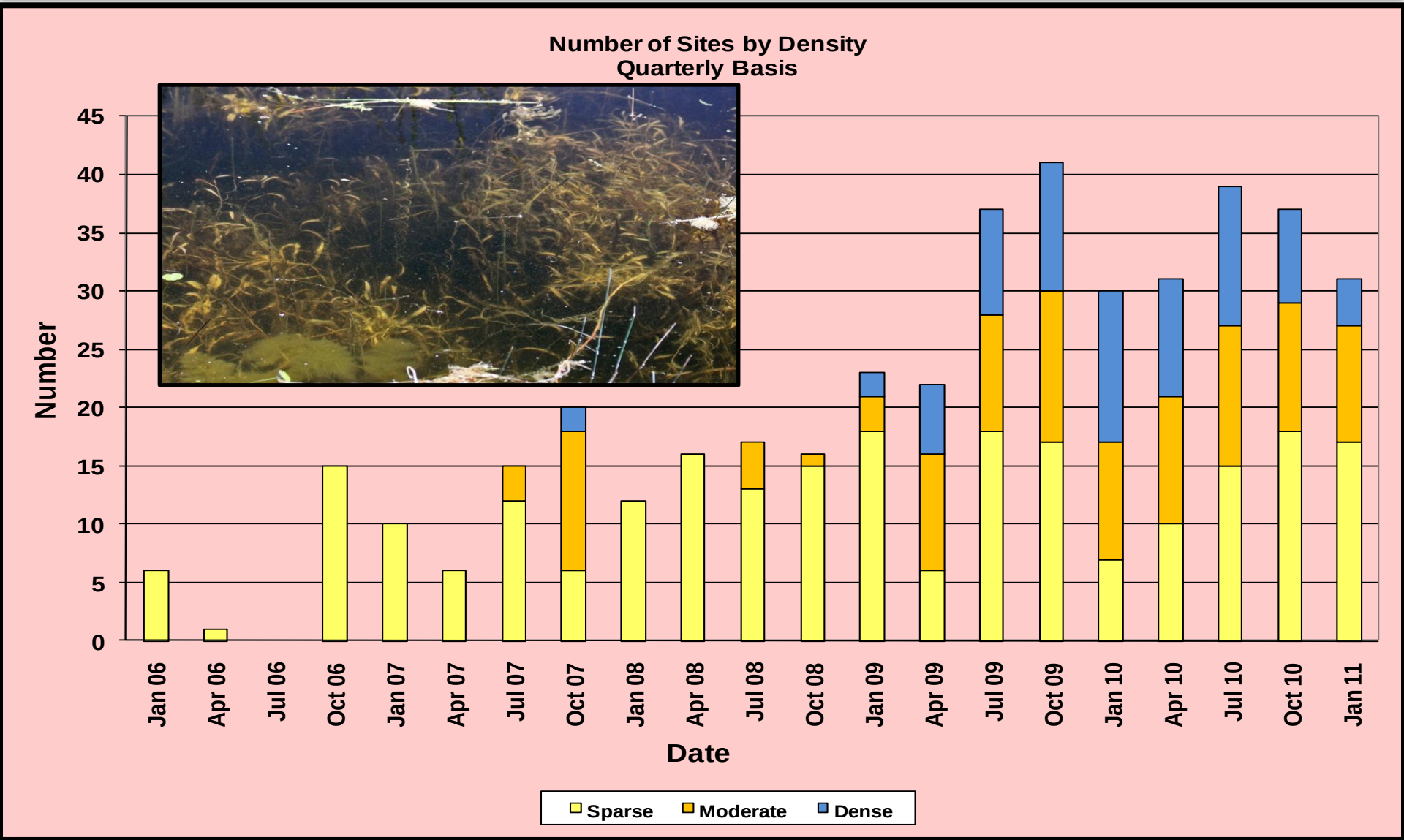
WATER QUALITY – TOTAL PHOSPHORUS

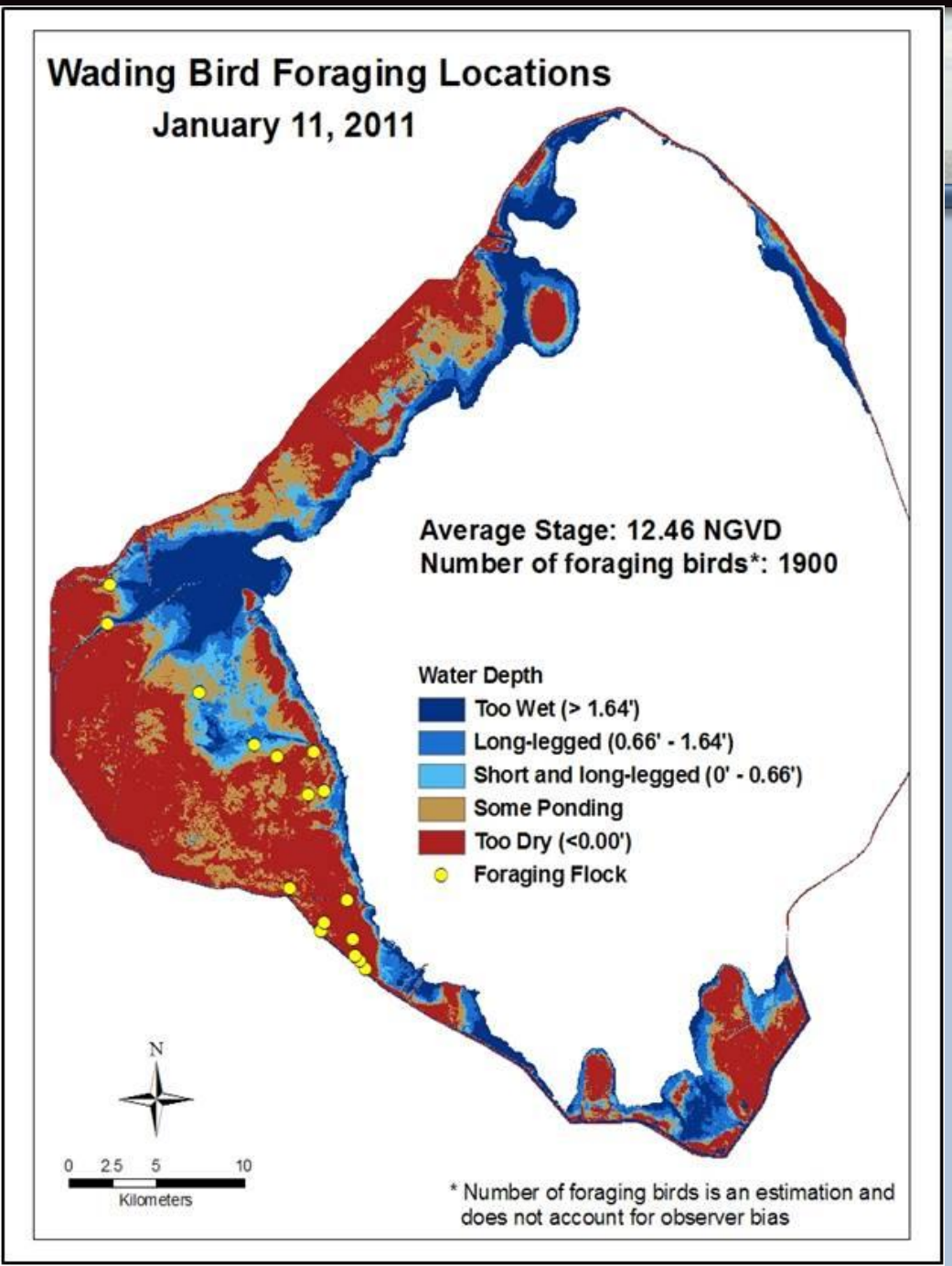


BLUE GREEN ALGAL BLOOMS



SUBMERGED AQUATIC VEGETATION





BIRD FORAGING

MORE SIGHTINGS

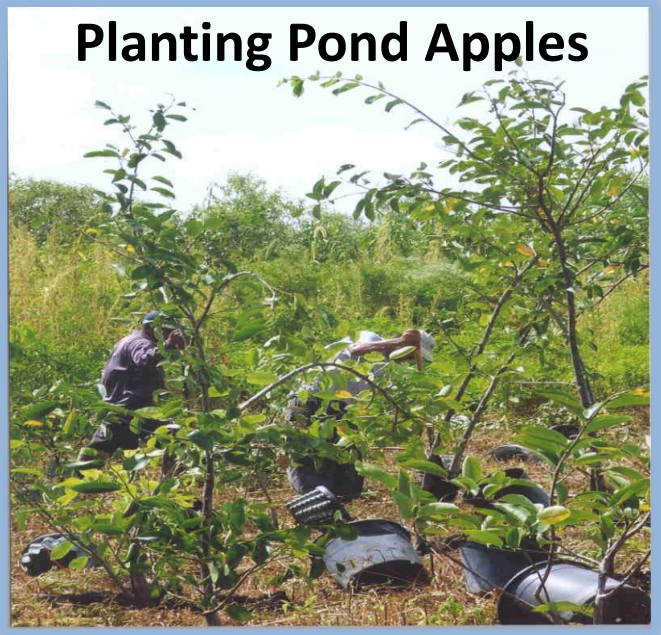
LOW STAGE TRIGGERS

12.5’ - Below stage envelope

11.0’ - Minimum flows and levels exceeded

10.5’ - Bulrush dry-out
- Initiate restoration projects

Controlled burn of torpedograss


Planting Pond Apples

Tilling in northwest marsh

Questions