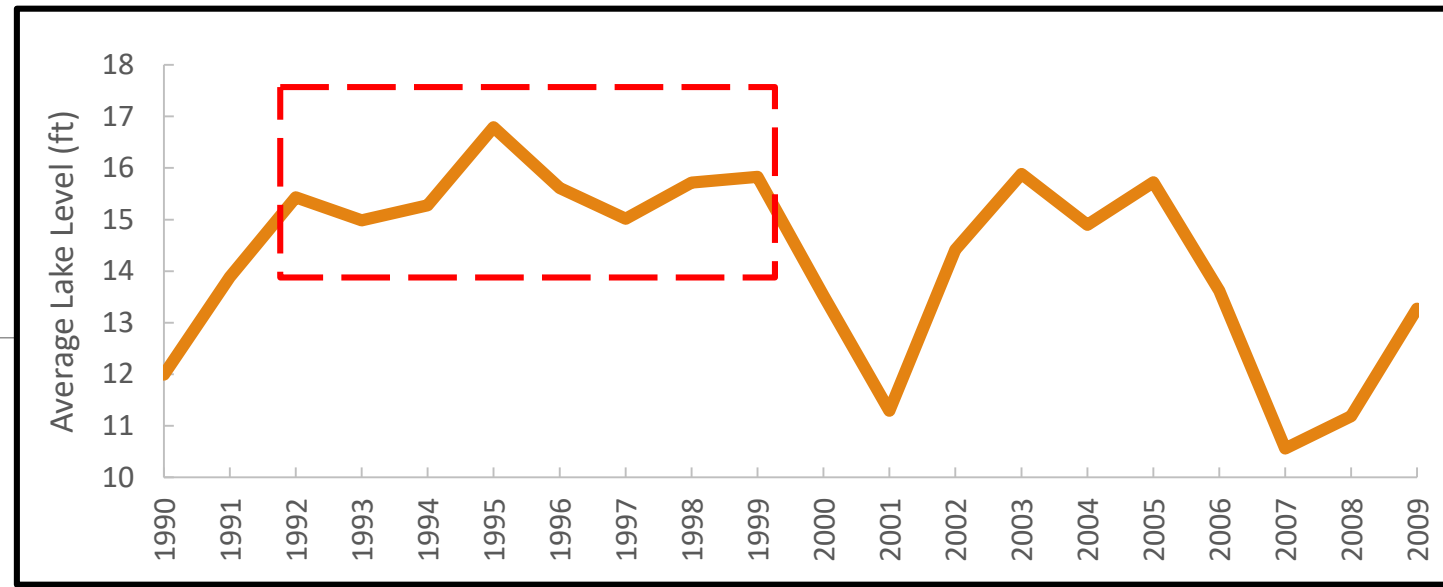




1992

1999

1999-Summer

1999-October

2000

2000-Summer

2004

2005

2006-Summer

2007-Summer

High abundance of SAV!

7 years of high lake levels average >15ft
Large reduction of SAV, and other Vegetation
Caused-managed recession of lake level "drawn down"

Lake levels dropped
Slow growth of Vall, Pota, Hydrilla

Hurricane Irene
Increased turbidity, Nutrience, reduced vegetation.
Algae Bloom

Chara replaced SAV that was present before hurricane

SAV regrowth
Turbidity clears, **Algae blooms decreased**

Hurricane Frances and Jeanne
Increased Turbidity, lake level, Nitrogen and Phosphorous, decreased SAV and other vegetation

Hurricane Wilma,
Turbidity still high, 90,000m³ vegetation loss

Low lake levels 12ft still high turbidity. No SAV growth
Algae bloom

Low lake level- 11ft reduced nutrience, increased SAV growth chara
Decreased turbidity
Algae blooms decreased

Havens et al. 2001

James et al. 2008