

## Weekly Climate Update April 7<sup>th</sup> 2009

- A large area of cooler than normal sea surface temperatures along the North American west coast (are associated with the cold phase of the Pacific Decadal Oscillation) continues to persist while the La Nina conditions has weaken to the point that conditions should be neutral in a few weeks. Weak La Nina conditions and the cold phase of PDO are indicative of an increase chance of below normal rainfall during the remainder of the dry season especially the month of April. May rainfall has been tending to be below normal during for several years [slide 31].
- The negative subsurface temperature anomalies along the central and eastern equatorial Pacific Ocean are a sign that La Nina conditions should persist through at least the remainder of the dry April. The latest IRI and CFS climate/ocean models simulate increased chances of drier than normal conditions for south Florida for the remainder of the dry season.
- The official climate outlook calls for an increased probability of below normal rainfall for the remainder of the dry season (April through June).
- The April Position Analysis in slide 13 - 17 illustrate projected water levels for Lake Okeechobee and the Water Conservation Areas.