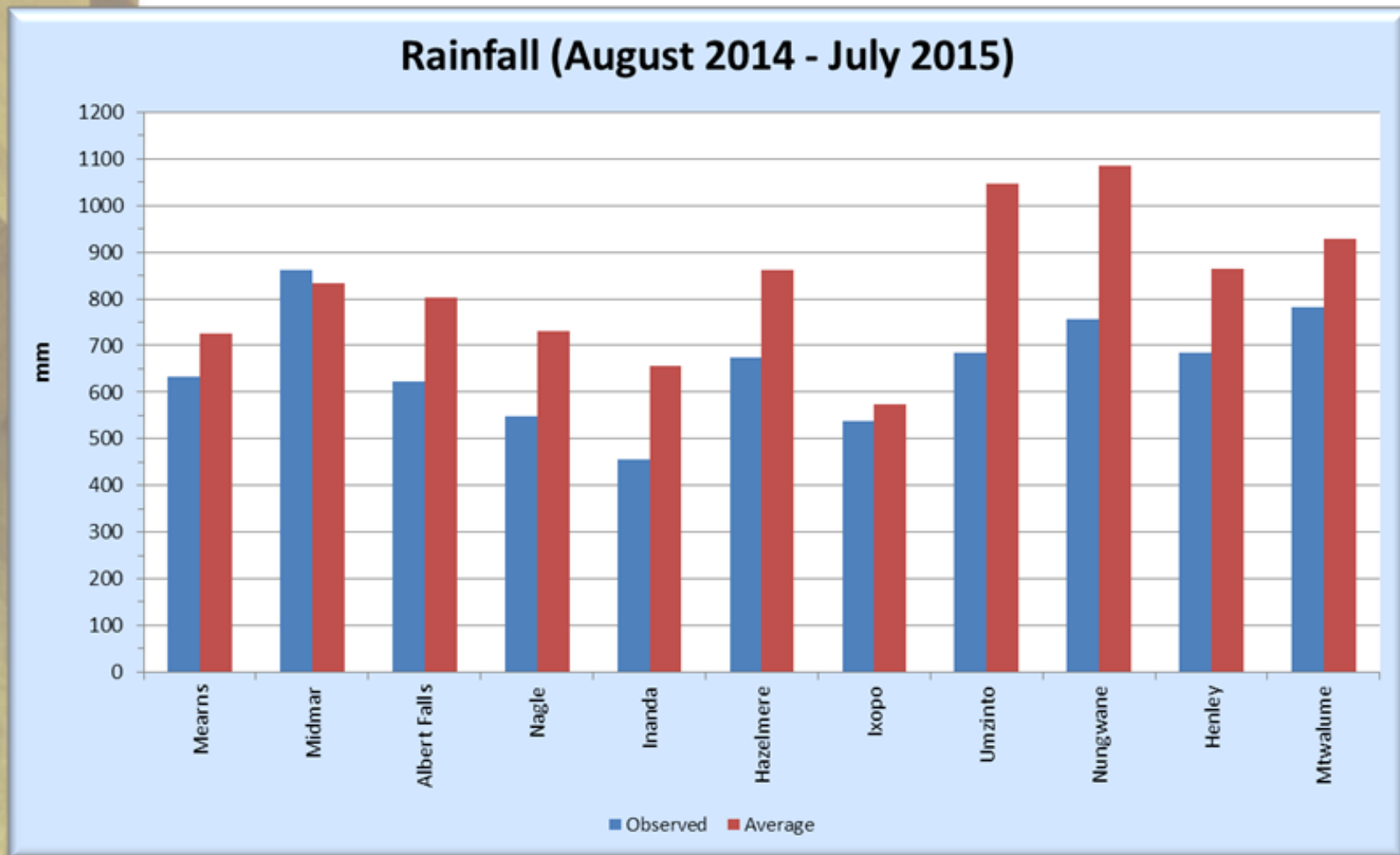




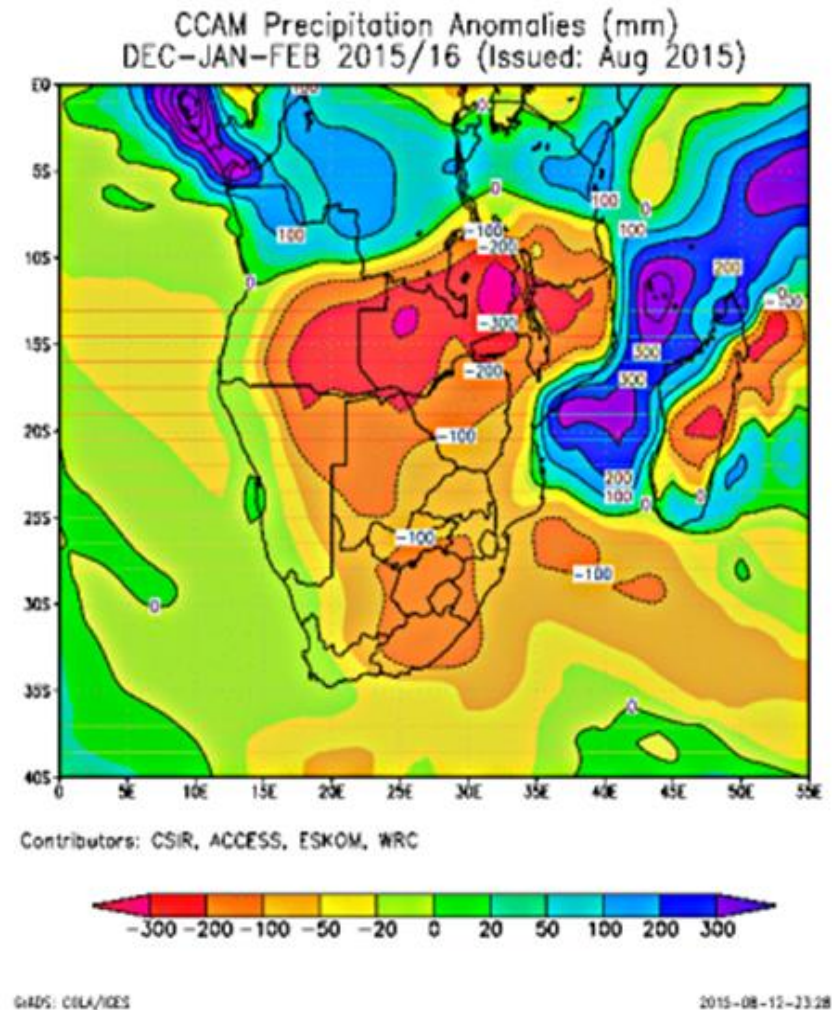
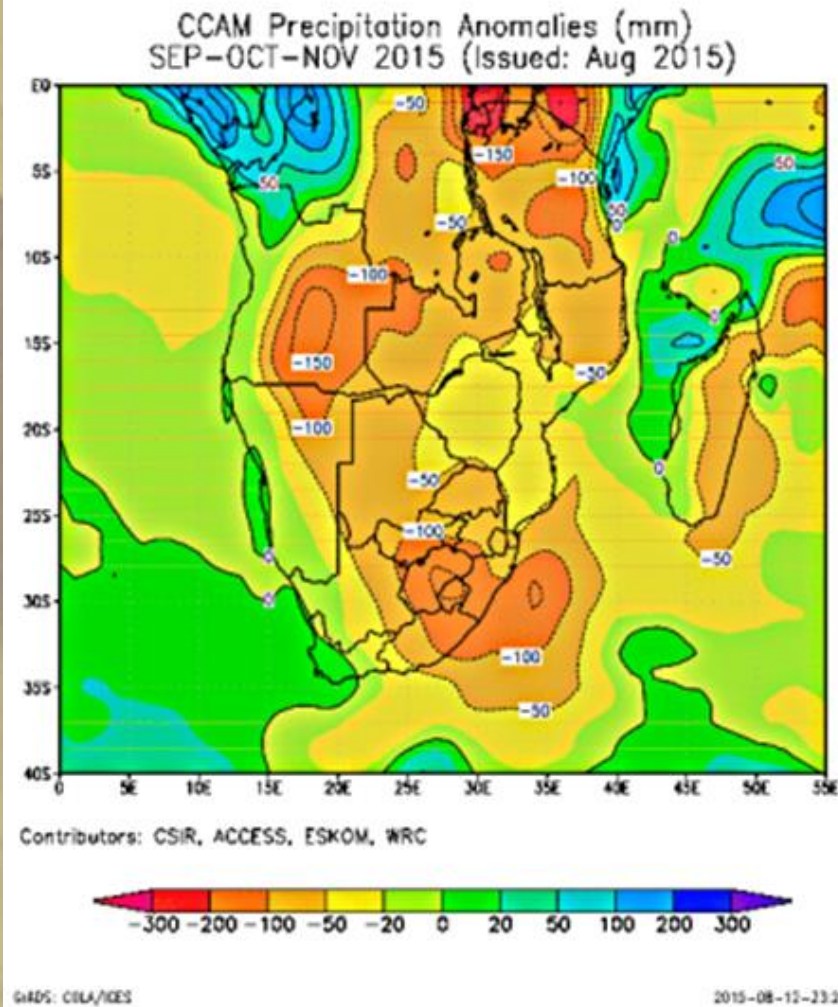
## 6. Water Resources Status and Monitoring of 2014/2015 System Performance

# Umgeni Water Rainfall station Sites



**Rainfall below average at all sites – worst along coast**

# Longer term rainfall trend projections

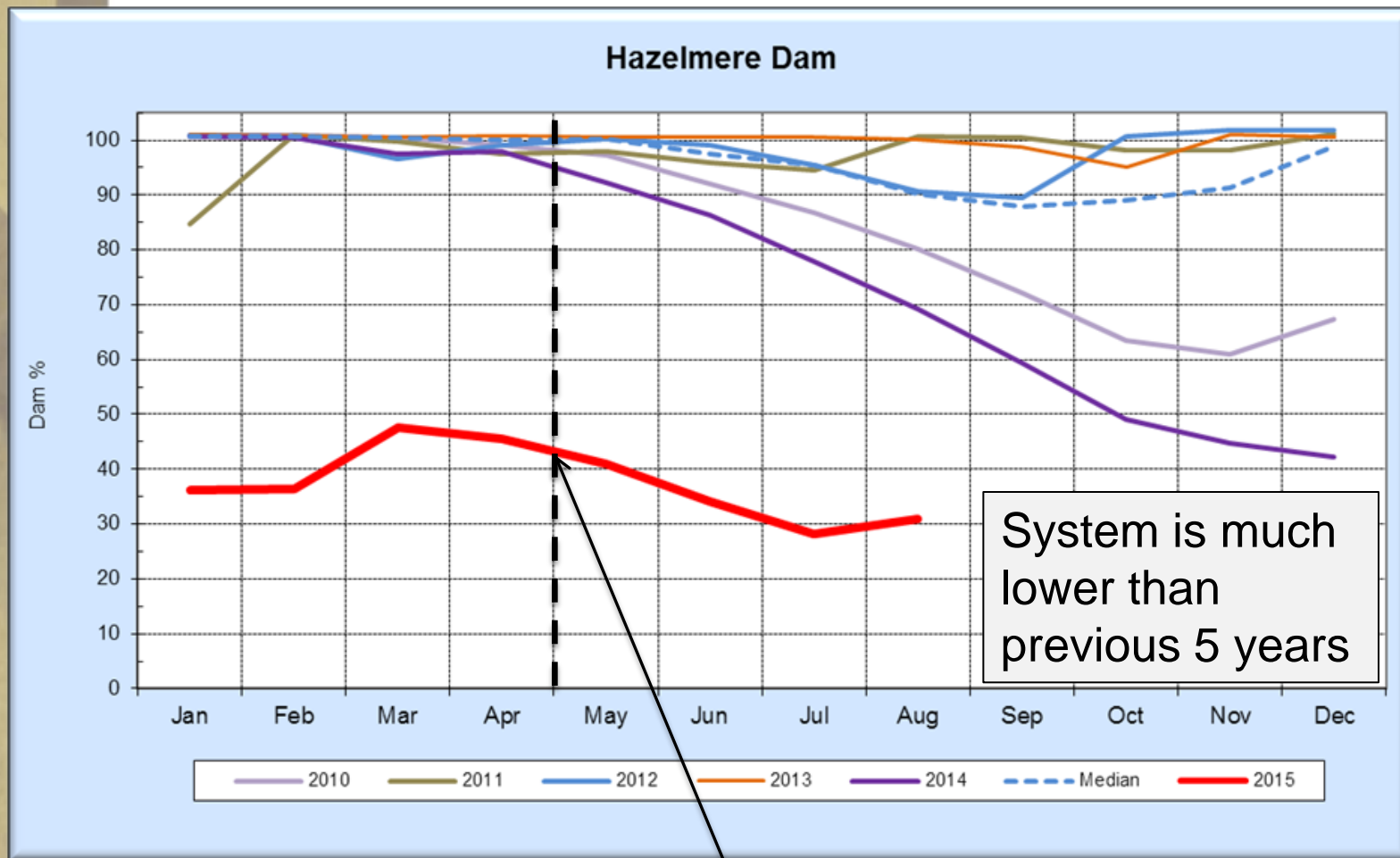


**3 & 6 month projections do not anticipate trend change**



# **Monitoring of System performance**

# Historical storage of Hazelmere Dam



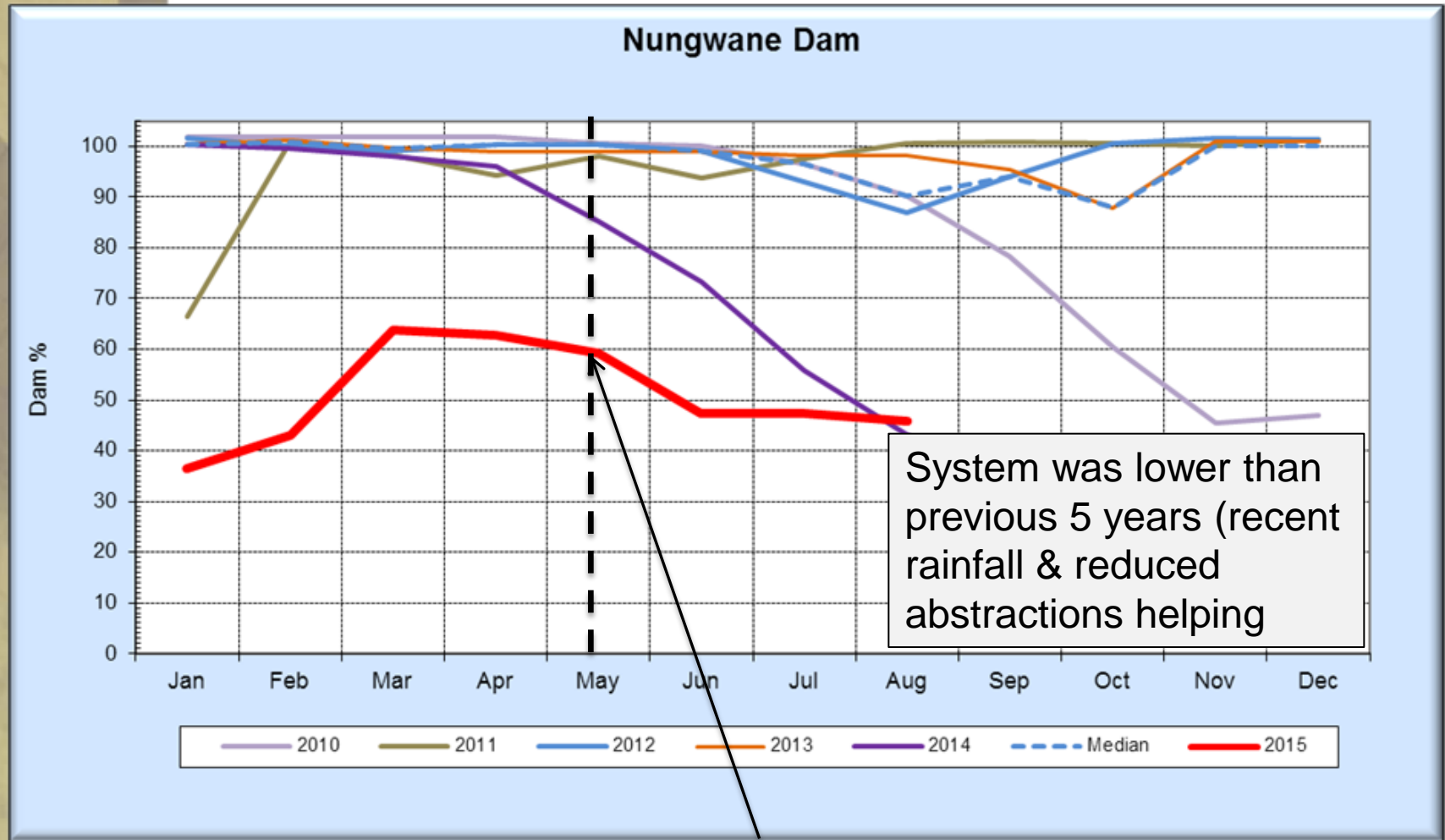
**Status on Decision date**



# Hazelmere System Recommendations

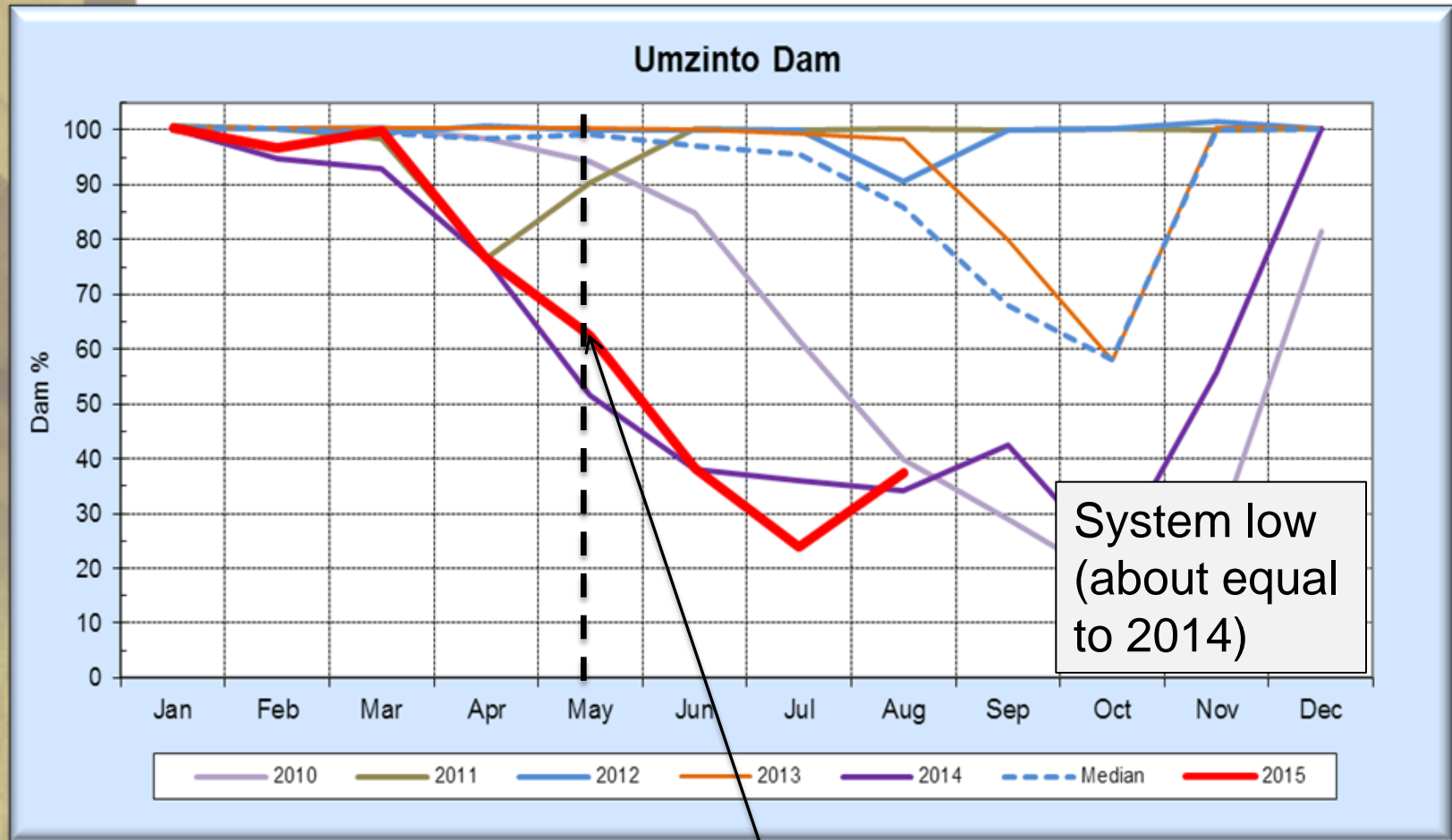
- 30% water restrictions imposed for some time.
- Impact of restrictions (+ interventions) reduced abstraction to avg. 32Mℓ/d
- Pumping from the uThongathi Emergency Scheme should be maintained for as long as possible and until the drought situation is averted.
- Drought Committee to make recommendations of further restrictions or the relaxation of curtailments.

# Historical storage of Nungwane Dam



**Status on Decision date**

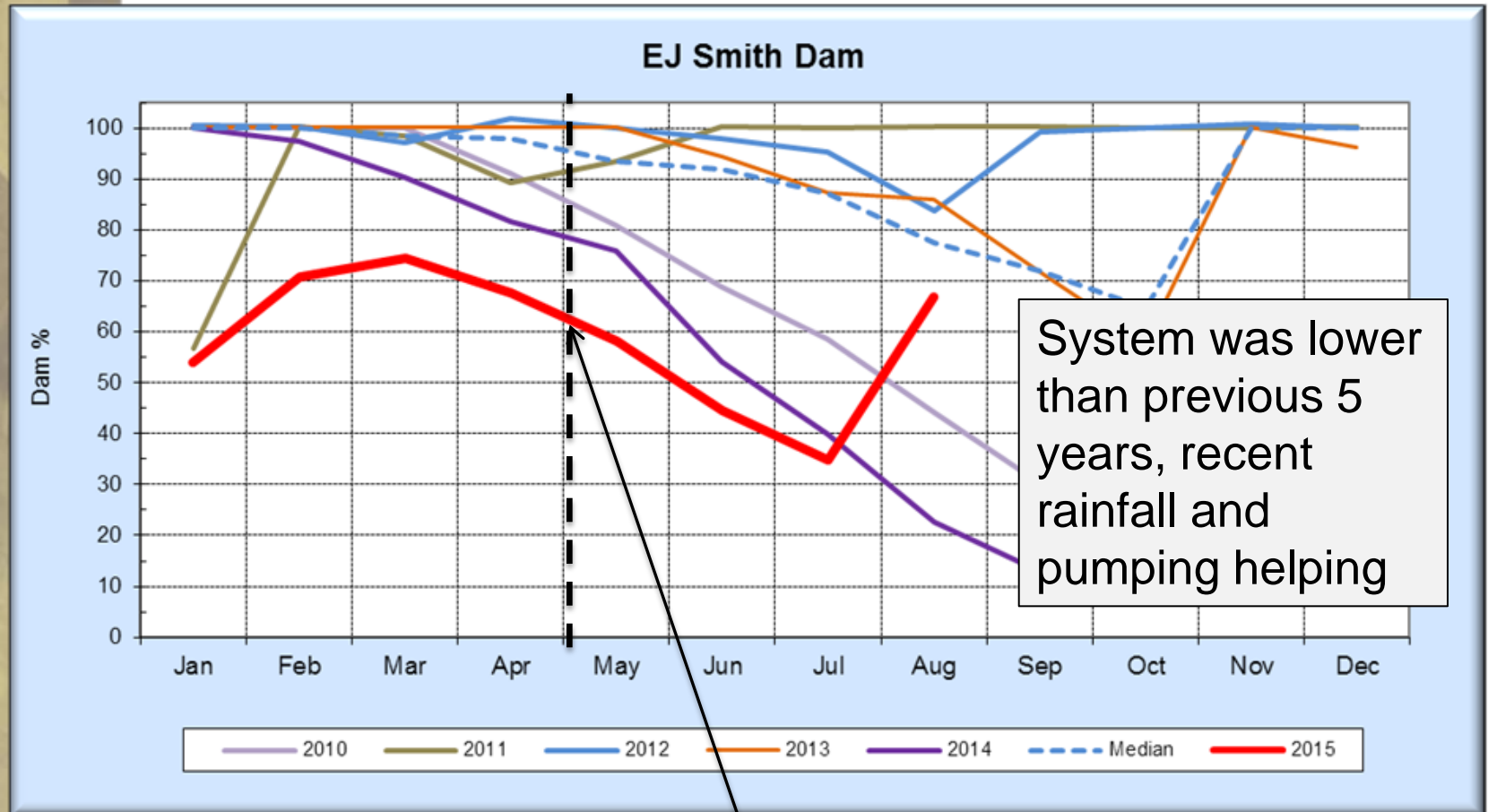
# Historical storage of Umzinto Dam



Status on Decision date



# Historical storage of EJ Smith Dam

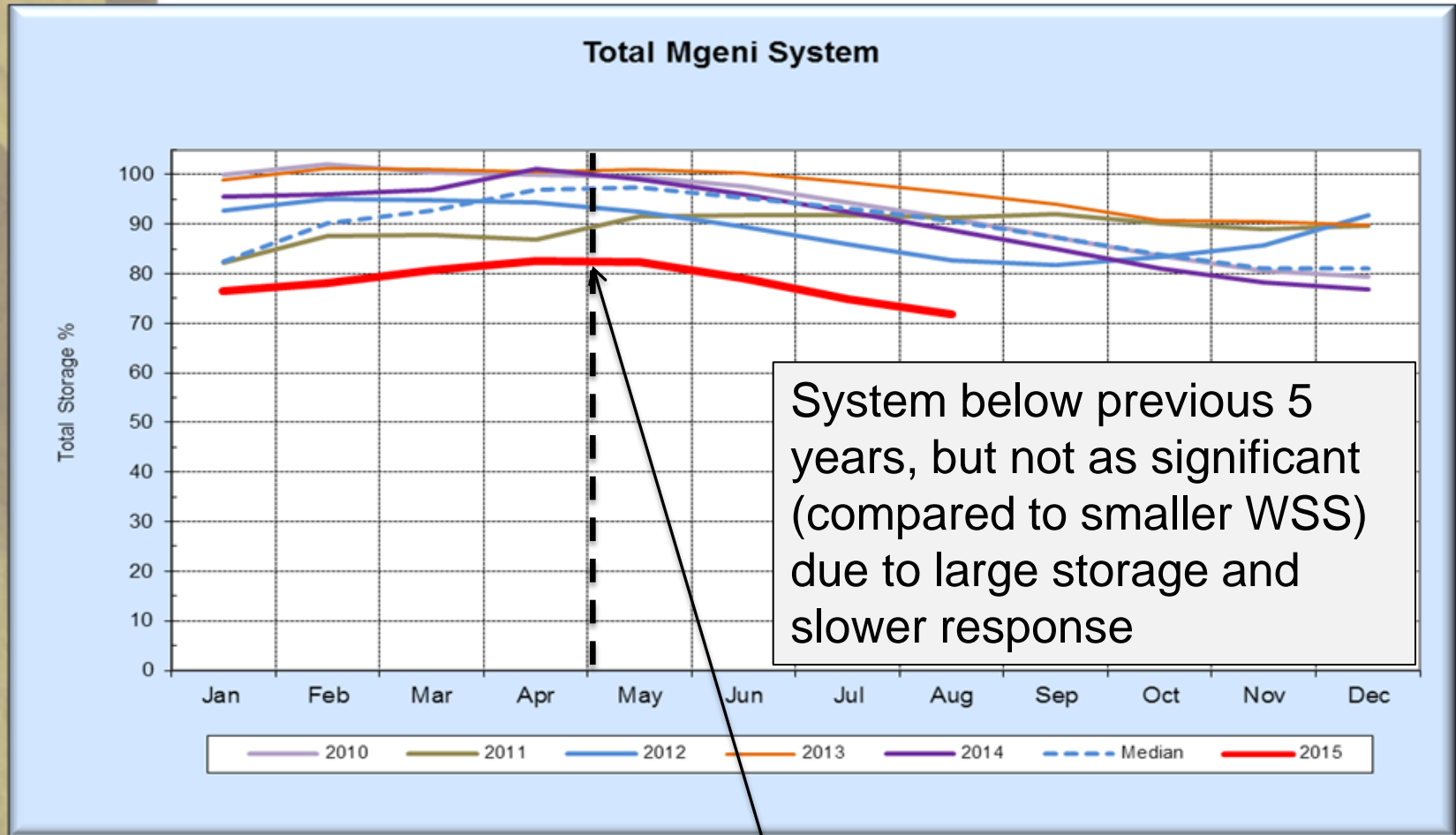


**Status on Decision date**

# Middle South Coast Recommendations

- Pumping from the Mpambanyoni River into EJ Smith Dam has been stopped (risk reduced pumping & July rains - 35% at end of June 2015 to 63% currently + anticipation for the rainy season)
- The current restrictions (25%) on the Mzinto System must be maintained until further notice

# Historical storage of Mgeni System



**Status on Decision date**

# Mgeni System Recommendations

- Pumping from the Mooi River ASAP – completion of MMTS-2.
- Pumping from Inanda Dam to continue.
- Possible risk to the system should MMTS-2 construction last longer.
- Need to monitor situation, a potential of restrictions next year 2016.