



Water Conservation and Drought Contingency Plan

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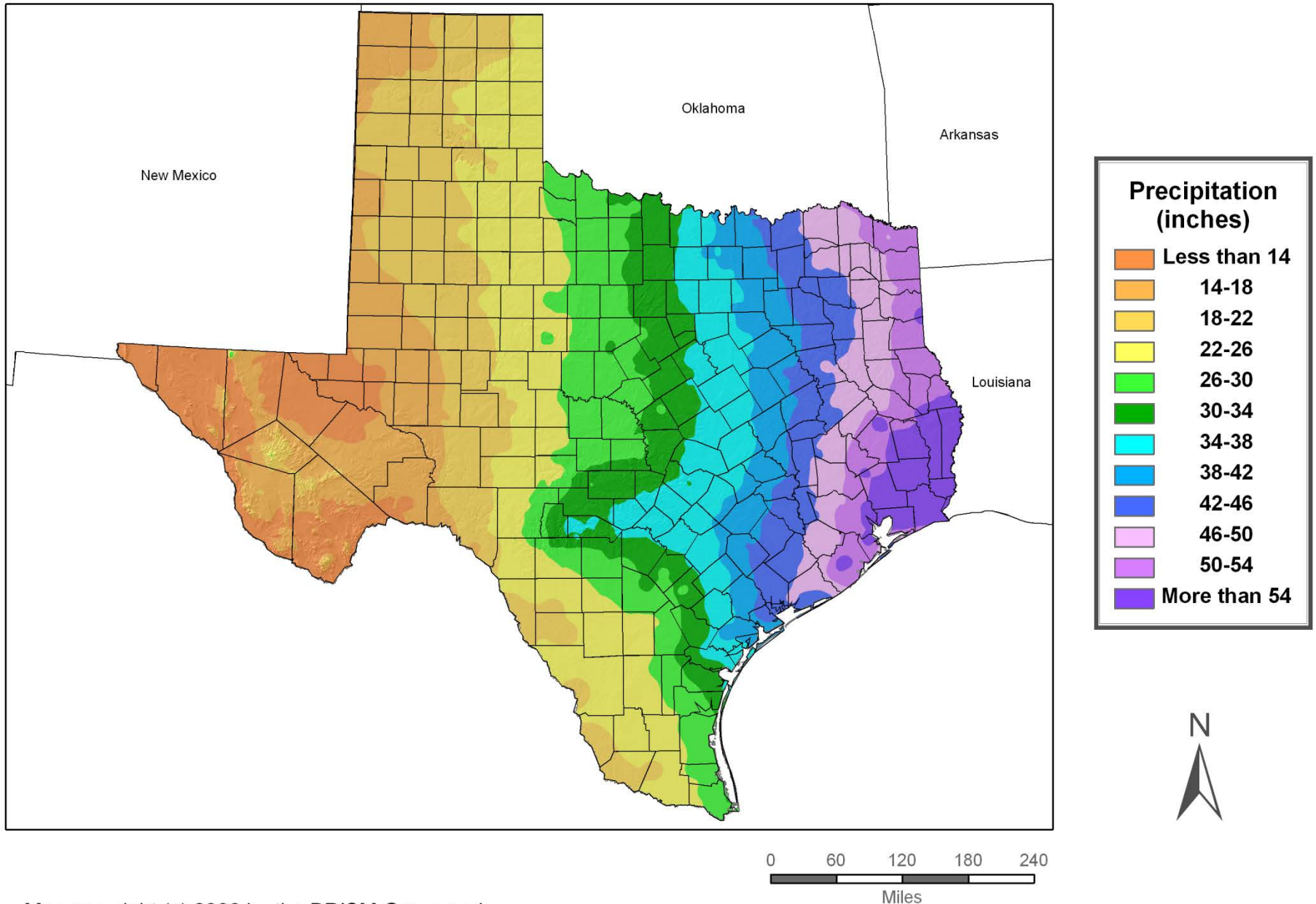




Objectives

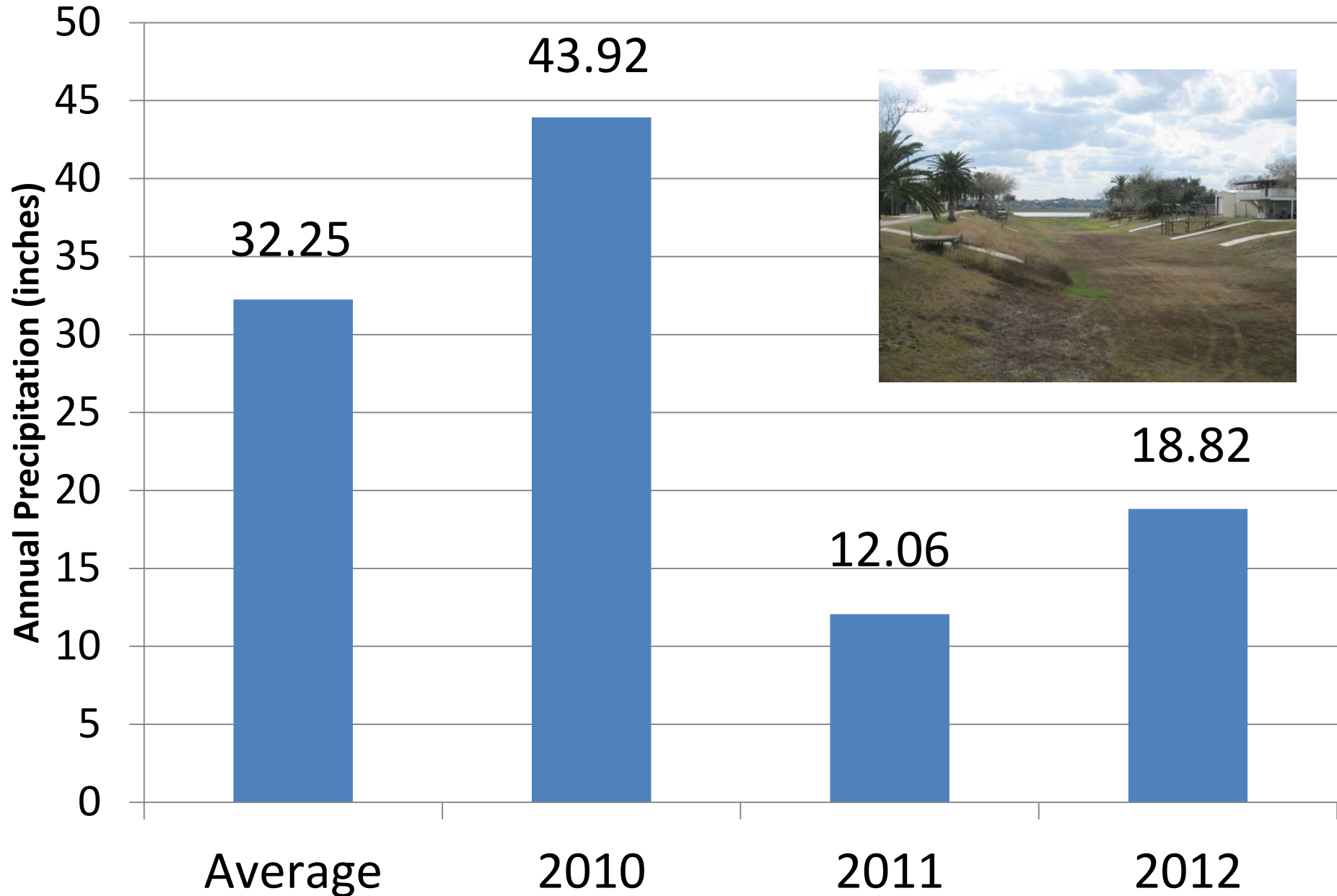
- **Revise the Water Conservation and Drought Contingency Plan to:**
 - Better promote water conservation as an every day, best practice
 - Help to reduce overall demand of water
 - Bring clarity to the Plan
 - Propose alternative to allocations at Stage 4 (20%)

Average Annual Precipitation, 1971-2000, Texas

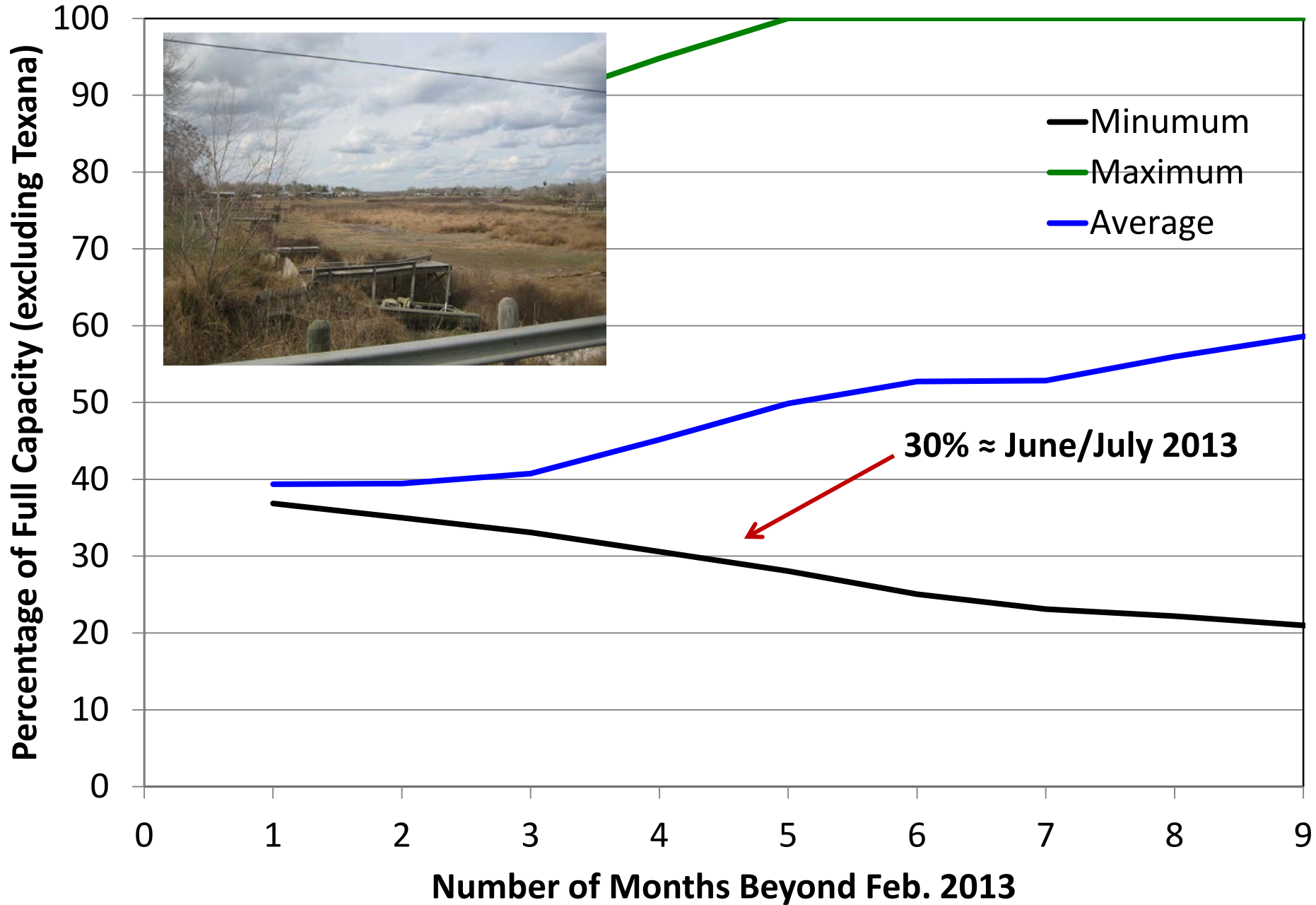


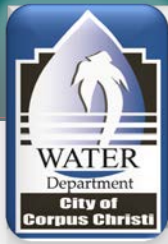
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How much did it rain in Corpus Christi?



Short Term Lake Level Model Projections





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Conservation vs. Drought Measures

Conservation

- Year- Round best management practices
- Set in place to meet long term goal of 1% reduction
- Addresses all water users
- Requires innovation, analysis, evaluation, and change
 - Change in habits and technologies

Drought Measures

- Aimed to obtain immediate cut-back
- Focused on discretionary usage
- Mandatory “restrictions” at 40% system storage
- Staged to reflect severity of situation
- Often inconvenient for customers
- Temporary



What's Different in WCP

- **Incentives for conservation**
 - Plumbers to people
 - Irrigation consultations
 - Rainwater harvesting
- **No water waste, year round:**
 - No irrigation from 10 am and 6 pm
 - No “fugitive” water from property



Will Conservation make a difference?

- **Municipal water use (residential and commercial) averages 120 gal/person/day**
- **Average American uses 65 gal/person/day indoors**
- **This means we can potentially save up to 55 gal/person/day by conserving on outdoor water use**



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What's Different in DCP

<u>Drought Stage</u>	<u>2009 DCP</u>	<u>2013 DCP</u>
1	Voluntary: no irrigating between 10 am and 6 pm	Voluntary: irrigating only once per week
2	Mandatory: no irrigating between 10 am and 6 pm	Mandatory: irrigating only once per week
3	Mandatory: irrigation allowed once every five days	Mandatory: No irrigation except by hand or drip irrigation
4	Mandatory: No irrigation; allocation determined by size/usage	Mandatory: No irrigation; allocation alternative to all customers

- **Moving Forward**
 - Continue to meet with other departments, regional customers, key stakeholders (February-March)
 - Receive feedback from public (March-April)
 - Edit and revise the DCP (April-May)
 - Present to City Council in May for approval