



20 x 2020 Urban Goals

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PARTNERS FOR A WATER-EFFICIENT CALIFORNIA



Who Are We?

- Council formed in 1991 during the drought and water rights hearings -- **MOU**
- Signers pledged “good faith effort” to implement BMPs that are cost-effective
- Collaborative structure and balance between water agencies & environmental groups



Best Management Practices

- 235 Wholesalers and Retailers
- BMPs grouped by program area residential, commercial, industrial conservation
- Savings tracked in a website database
- More than **2.0 Million Acre Feet** saved since 1991

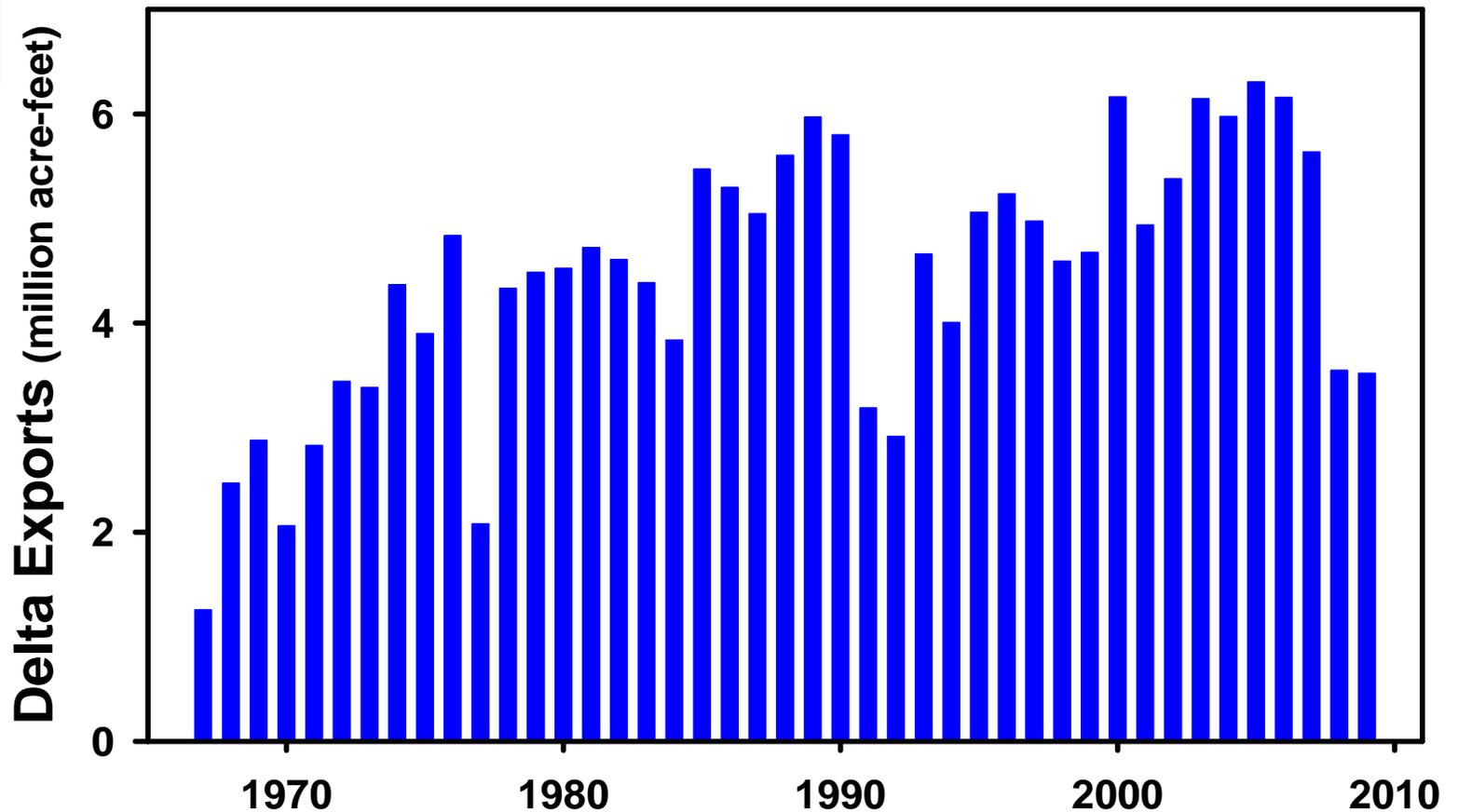


Council's Role

- UWMPs recognized BMPs and Council reports as equivalent of required DMMs
- Council asked to manage the State's Landscape Task Force
- Played pivotal role in CalFed water conservation evaluations
- Developed Avoided Costs Models
- Annual Research agenda: pBMPs



Historic Water Withdrawals from Delta





Looking for Greater Conservation Success

- Certification
- AB 1420 Grants and Loans
- Model Landscape Ordinance updated
- SBx7-7



20 x 2020 Report Base Year

Base developed using data from Department of Water Resources (DWR) from 1995 through 2005.

- Initially reviewed 2000 only as this was reported to be a good average precipitation year. However, not enough data for certain regions.
- 2005 also reviewed, but decision taken to include larger dataset
- Average GPCD from 1995 to 2005 from the DWR PWSS data showed no recognizable trend.
- Therefore the weighted average value from all the data from 1995 to 2005 is assumed as being representative of an average year within this period.



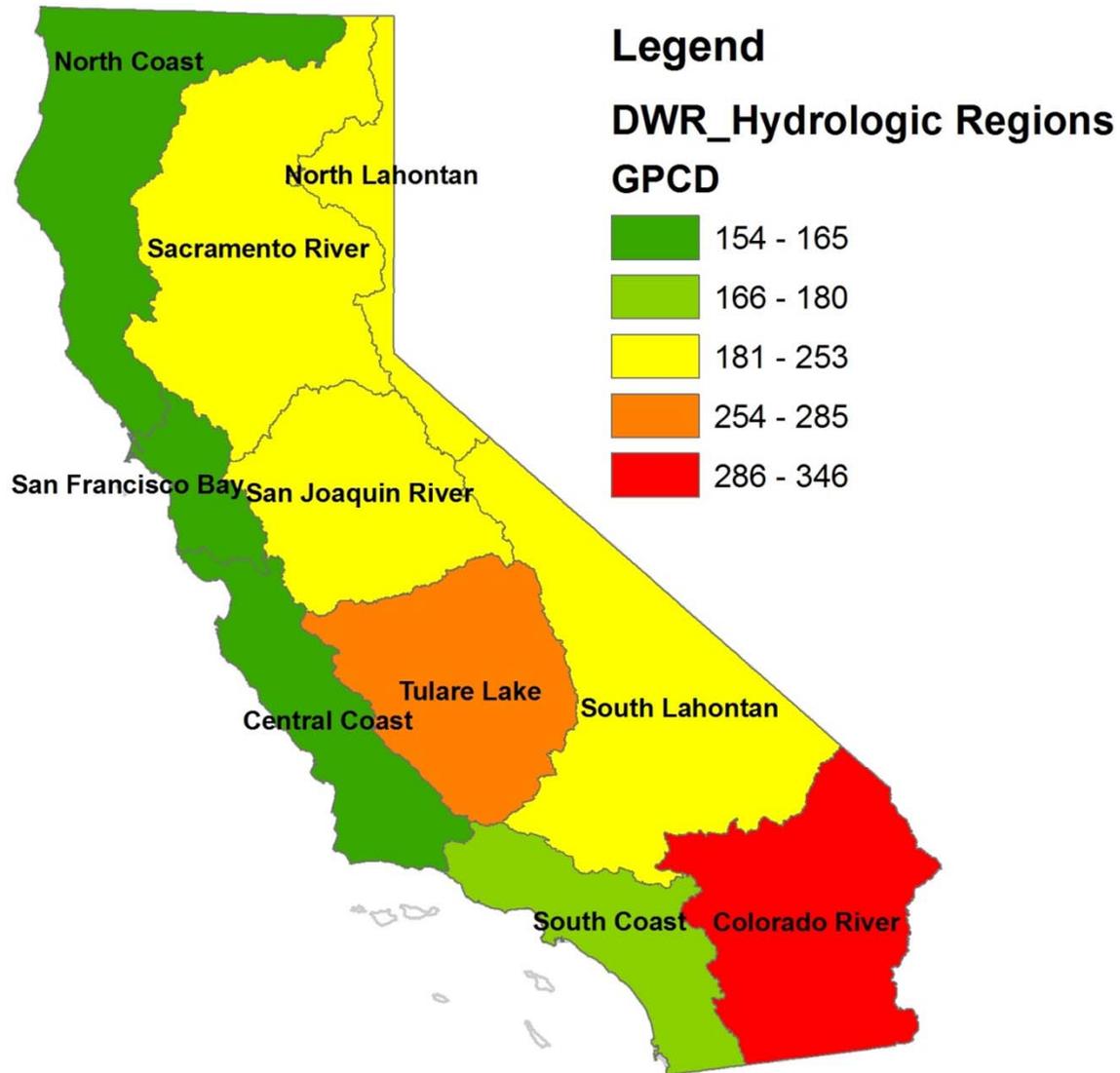
Hydrologic Region Weighted GPCD Averages and Range

REGION	Weighted 1995-2005	Range
1	165	141-170
2	157	149-173
3	154	141-177
4	180	171-198
5	253	237-272
6	248	236-250
7	285	242-341
8	248	242-385
9	237	221-286
10	346	272-387



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Baseline Data by Hydrologic Regions





SBx7-7

- Legislative mandate requested by Governor
- Uses UWMPs as tracking reporting mechanism
- Grant Funding dependent on meeting targets after 2016
- Tried to recognize previous conservation efforts, balance for other issues (weather, economy), and set standards for reporting



GPCD Target Method 1

80% of baseline gpcd water use (i.e., a 20% reduction)



GPCD Target Method 2

The sum of the following performance standards:

- indoor residential use (provisional standard set at 55 gpcd); plus
- landscape use, equal to the State Model Landscape Ordinance (70% of ETo);
- 10% reduction in baseline commercial, industrial institutional use by 2020.



GPCD Target Method 3

95% of the applicable state hydrologic region target as set in the Draft 20x2020 Water Conservation Plan (April 03, 2009);



GPCD Target Method 4

Provisional Method dividing water use target into 4 components generally representing savings from Indoor Residential, CII, Metering and Landscape and Water Loss

Agencies which have implemented indoor residential water conservation, are 100% metered and have strong water loss control should have to achieve less reductions



Next Steps for GPCD

- Criteria for Adjustments
 - Weather
 - Economy
- Review and Potentially Adjust Target Methods 2 and 4
- 2016 Report to Legislature on success



Whither BMPs?

- AB 1420 Compliance through 2016
- Credit for some is part of Method 4
- Will remain as most consistent and measurable method of water conservation implementation
- Assist in documentation, evaluation, and justification



CII Task Force

- *A review of multiple sectors*
- *Appropriate metrics*
- *Evaluation of water demands*
- *Identification of CII BMPs.*
- *Recommend water use efficiency standards*
- *Evaluation of public infrastructure necessary for recycled water*
- *Evaluation of institutional and economic barriers to increased recycled water use*



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