

Water Planning and Stewardship Committee

Subject: Water Surplus and Drought Management Plan and Status of Water Supply Allocation Plan FY 2011 Implementation

Purpose: Report on WSDM conditions for CY 2010 and update on assumptions underlying Water Supply Allocation Plan implementation for FY 2010-2011.

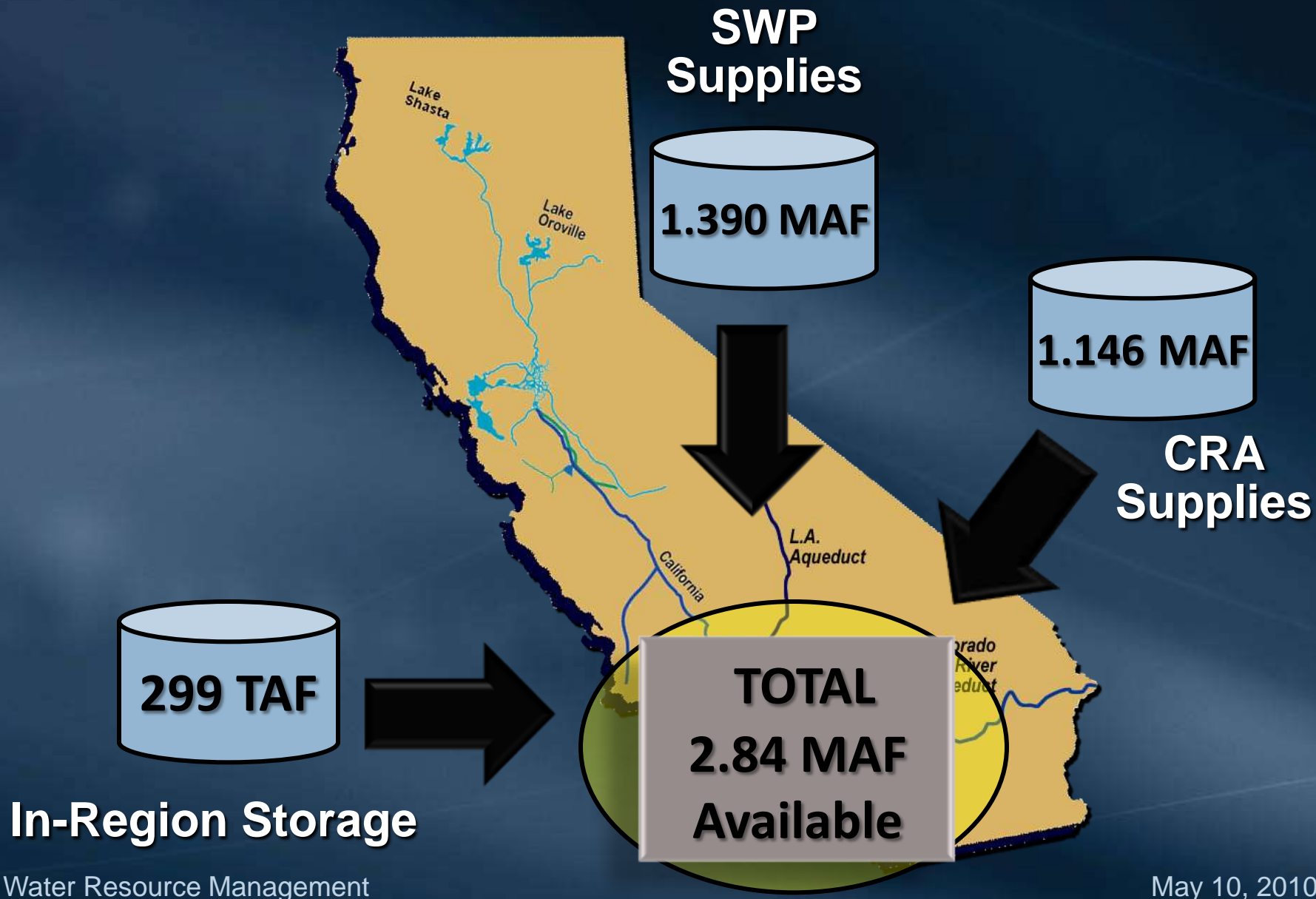
Water Surplus and Drought Management Plan and Update on Assumptions Underlying Water Supply Allocation Implementation

Water Planning and Stewardship Committee
May 10, 2010
Item 6a and 6b

2010 Water Supply Outlook

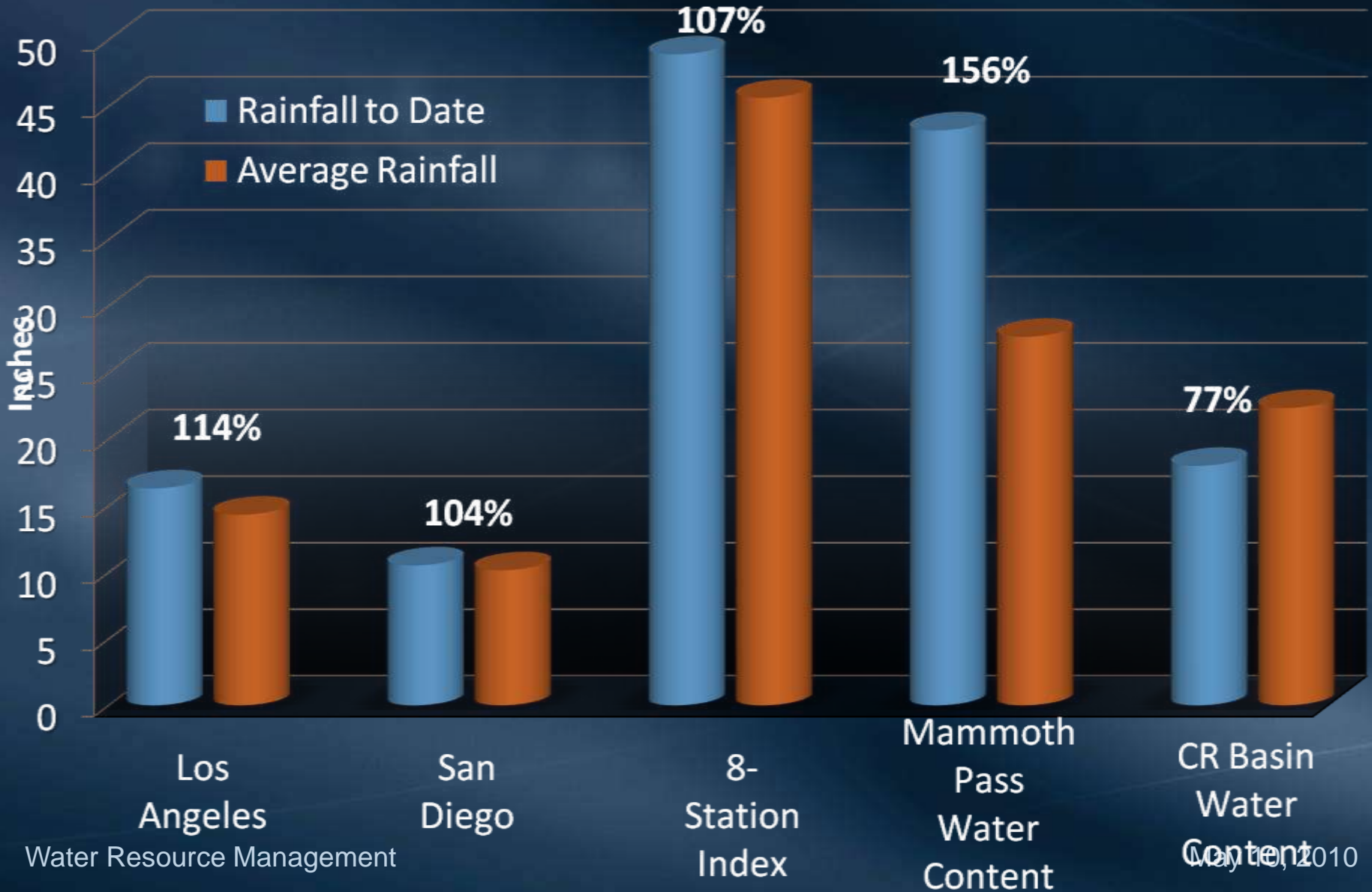
- Colorado River Aqueduct – 1.146 MAF
 - Base Supplies
 - WSDM Actions (118 TAF Storage)
 - Five-Year Supply Plan programs
- State Water Project – 1.178 MAF
 - 40% SWP Table A Allocation (May 2010) & Base Supplies
 - WSDM Actions (430 TAF Storage)
 - Five Year Supply Plan programs
- In-Region Storage & Actions – 299 TAF
 - Available WSDM Storage Withdrawals

2010 Water Supply Status



Accumulated Precipitation

(As of May 2, 2010)



Considerations for WSAP Implementation

- 2010 Water Supply Conditions
- Storage Use
- Additional Colorado River Supplies
- Additional Local Supplies

Storage Draws by SWP Allocation

WSAP Level 2

| | 20% SWP | 40% SWP | 50% SWP |
|-----------------------------------|------------------|------------------|------------------|
| SWP Supply (Non Storage) | 538,000 | 960,000 | 1,170,000 |
| CRA Supply (Non Storage) | 1,028,000 | 1,028,000 | 1,028,000 |
| Total Supply (Non Storage) | 1,566,000 | 1,988,000 | 2,198,000 |

| | | | |
|--------------------------|------------------|------------------|------------------|
| Demand | 2,075,000 | 2,114,000 | 2,123,000 |
| Storage Impact | (509,000) | (126,000) | 66,000 |
| Storage Remaining | 487,000 | 870,000 | 1,061,000 |

Storage Draws by SWP Allocation

WSAP Level 2

| | 20% SWP | 40% SWP | 50% SWP |
|-----------------------------------|------------------|------------------|------------------|
| SWP Supply (Non Storage) | 538,000 | 960,000 | 1,170,000 |
| CRA Supply (Non Storage) | 1,028,000 | 1,028,000 | 1,028,000 |
| Additional Colorado R. Supply | 150,000 | 150,000 | 150,000 |
| Additional Local Supplies (LAA) | 100,000 | 100,000 | 100,000 |
| Total Supply (Non Storage) | 1,816,000 | 2,238,000 | 2,448,000 |
| Demand | 2,075,000 | 2,114,000 | 2,123,000 |
| Storage Impact | (259,000) | 124,000 | 315,000 |
| Storage Remaining | 737,000 | 1,120,000 | 1,311,000 |

Storage Draws by SWP Allocation

WSAP Level 1

| | 20% SWP | 40% SWP | 50% SWP |
|-----------------------------------|------------------|------------------|------------------|
| SWP Supply (Non Storage) | 538,000 | 960,000 | 1,170,000 |
| CRA Supply (Non Storage) | 1,028,000 | 1,028,000 | 1,028,000 |
| Additional Colorado R. Supply | 150,000 | 150,000 | 150,000 |
| Additional Local Supplies (LAA) | 100,000 | 100,000 | 100,000 |
| Total Supply (Non Storage) | 1,816,000 | 2,238,000 | 2,448,000 |
| Demand | 2,155,000 | 2,194,000 | 2,213,000 |
| Storage Impact | (339,000) | 44,000 | 235,000 |
| Storage Remaining | 657,000 | 1,040,000 | 1,231,000 |

Storage Draws by SWP Allocation

WSAP Level 0

| | 20% SWP | 40% SWP | 50% SWP |
|-----------------------------------|------------------|------------------|------------------|
| SWP Supply (Non Storage) | 538,000 | 960,000 | 1,170,000 |
| CRA Supply (Non Storage) | 1,028,000 | 1,028,000 | 1,028,000 |
| Additional Colorado R. Supply | 150,000 | 150,000 | 150,000 |
| Additional Local Supplies (LAA) | 100,000 | 100,000 | 100,000 |
| Total Supply (Non Storage) | 1,816,000 | 2,238,000 | 2,448,000 |
| Demand | 2,246,000 | 2,285,000 | 2,304,000 |
| Storage Impact | (430,000) | (47,000) | 144,000 |
| Storage Remaining | 566,000 | 949,000 | 1,140,000 |

Summary

- SWP Table A is likely to increase further
- Additional supply considerations will help mitigate storage withdrawals
- Current supply conditions and additional supplies may result in storage puts given WSAP Level 2

