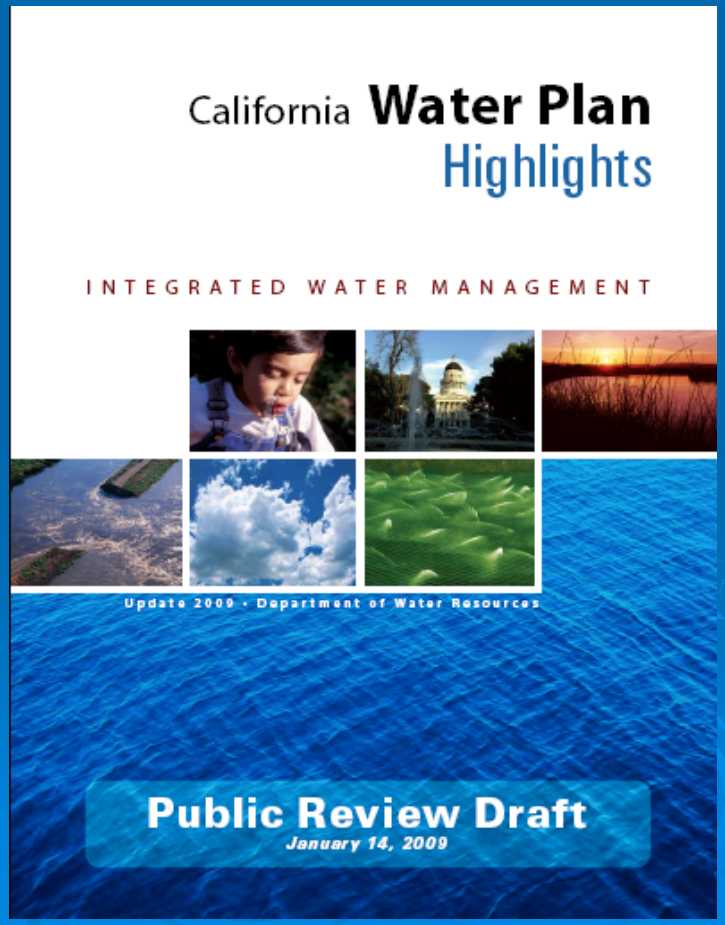
Resource Management Strategies



27 Resource Management Strategies
A Range of Choices [pages 14 – 15]

Reduce Water Demand
- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

Improve Operational Efficiency & Transfers
- Conveyance – Delta
- Conveyance – Regional/Local
- System Reoperation
- Water Transfers

Increase Water Supply
- Conjunctive Management & Groundwater Storage
- Desalination –Brackish & Seawater
- Precipitation Enhancement
- Recycled Municipal Water
- Surface Storage – CALFED
- Surface Storage - Regional/Local

Improve Flood Management
- Flood Risk Management

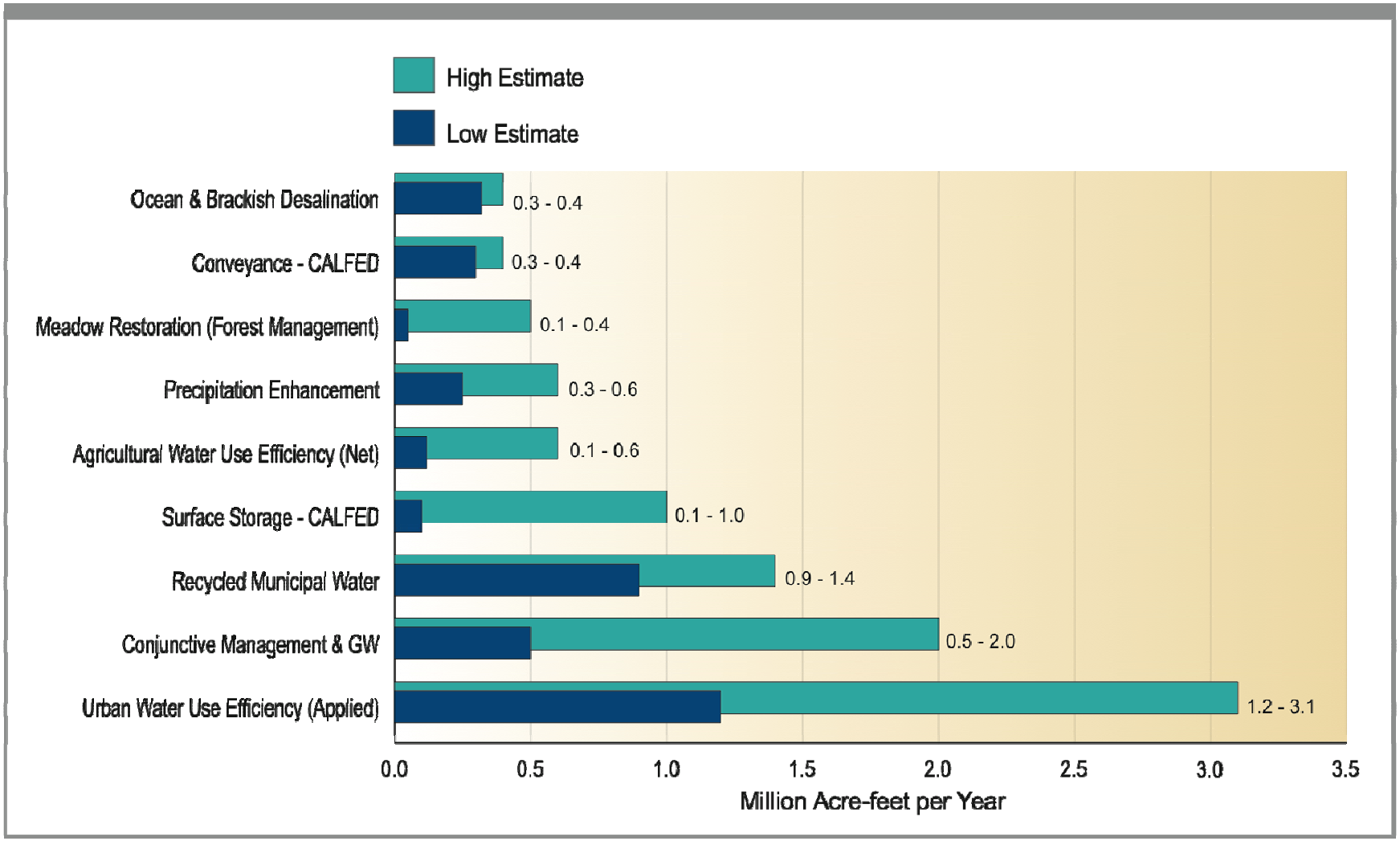
Improve Water Quality
- Drinking Water Treatment and Distribution
- Groundwater/Aquifer Remediation
- Matching Quality to Use
- Pollution Prevention
- Salt & Salinity Management
- Urban Runoff Management

Practice Resource Stewardship
- Agricultural Lands Stewardship
- Economic Incentives (Loans, Grants, and Water Pricing)
- Ecosystem Restoration
- Forest Management
- Land Use Planning & Management
- Recharge Areas Protection
- Water-Dependent Recreation
- Watershed Management

RMS Table Showing Objectives

[page 14]

Resource Management Strategies	Improve Drought Preparedness	Improve Water Quality	Operational Flex & Efficient	Reduce Flood Impacts	Environmental Benefits	Energy Benefits	Recreational Opportunities	Reduce GW Overdraft
Reduce Water Demand								
Agricultural Water Use Efficiency	•		•			•		•
Urban Water Use Efficiency	•	•	•		•	•		•
Improve Operational Efficiency & Transfers								
Conveyance—Delta	•	•	•	•	•	•	•	
Conveyance—Regional/Local *(under development)*								
System Reoperation				•				
Water Transfers			•	•	•			
Increase Water Supply								
Conjunctive Management & Groundwater Storage		•		•	•			•
Desalination – Brackish & Seawater	•	•	•					
Precipitation Enhancement			•			•		
Recycled Municipal Water			•			•		
Surface Storage—CALFED		•	•	•	•			
Surface Storage—Regional/Local	•	•	•	•	•	•	•	•
Improve Water Quality								
Drinking Water Treatment and Distribution		•						
Groundwater/Aquifer Remediation		•	•					
Matching Quality to Use		•	•		•			
Pollution Prevention		•	•		•	•	•	
Salt and Salinity Management		•	•		•			
Urban Runoff Management				•	•		•	•
Practice Resource Stewardship								
Agricultural Lands Stewardship		•	•	•	•			•
Economic Incentives (Loans, Grants, Water Pricing)	•	•	•	•	•	•	•	•
Ecosystem Restoration	•	•	•	•	•		•	•
Forest Management	•	•	•	•	•		•	•
Land Use Planning and Management			•	•		•		•
Recharge Area Protection		•		•				•
Water-dependent Recreation							•	
Watershed Management		•		•				•
Improve Flood Management								
Flood Risk Management	•	•	•	•	•			•
Other Resource Management Strategy *Objectives vary by component (see narratives in remainder of Volume 2) Strategy includes the following components:*								
Crop Idling for Water Transfers		•			•			
Dewvaporation or Atmospheric Pressure Desalination								
Fog Collection								
Irrigation Land Retirement		•			•			
Rainfed Agriculture		•	•					
Waterbag Transport/Storage Technology	•	•	•		•	•		•

Additional Annual Water for 9 RMS [page 15]

Resource Management Strategies