Water Management Strategy - Four Parts

- The Hydrologic Foundation
- The Water Demand Pattern
- Physical Facilities
- Institutional/Operational Framework

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Water Management Functions

- Reduce Diversion Conflicts
- Increase Supply Predictability
- Increase Supply Utility (WQ)
- Decrease Drought Impacts
  - Enviro Flows
  - Ag/Urban Supply
- Increase Supply Availability
  - Drought
  - Average
- Increase Operational Flexibility

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Water Management Tools

- Transfers
  - Long Term
  - Water Bank
- Conservation
  - Ag
  - Urban
  - Wetlands
- Reuse
- Storage
  - Groundwater
  - Surface
- Watershed Management
- Water Quality
- Monitoring
- Diversion Management

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Operational Flexibility

The ability of any set of water management tools to meet a range of water management objectives under a variety of adverse or unforeseen circumstances.

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Increase Supply Predictabilty

- Increased accuracy and reliability of water supply forecasts
- Reduction of unanticipated curtailments

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Reduce Diversion Conflicts

Reduce impacts of water supply operations on fisheries, Delta water quality, water levels, and circulation through use of a wide range of water amangement tools.

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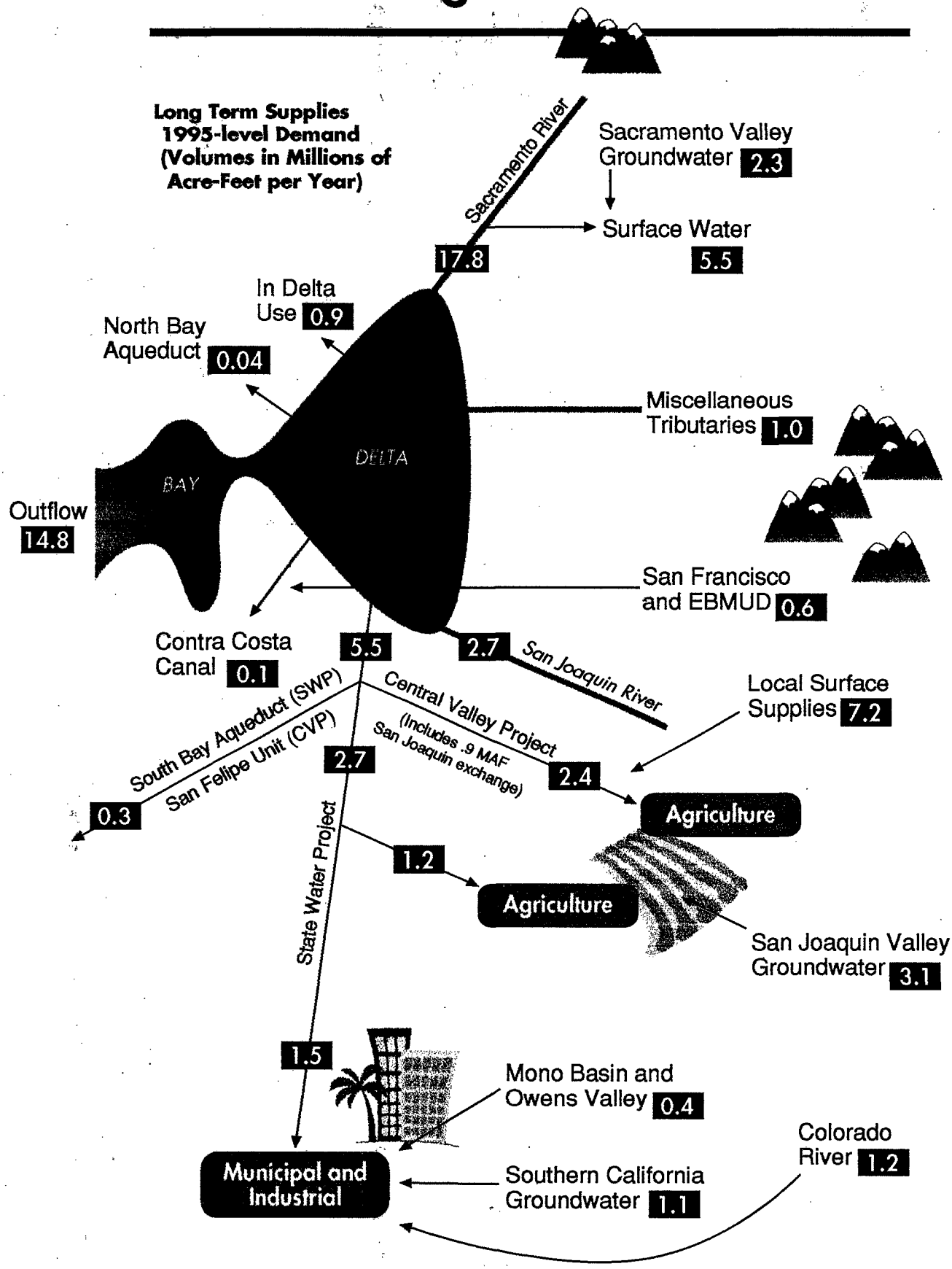
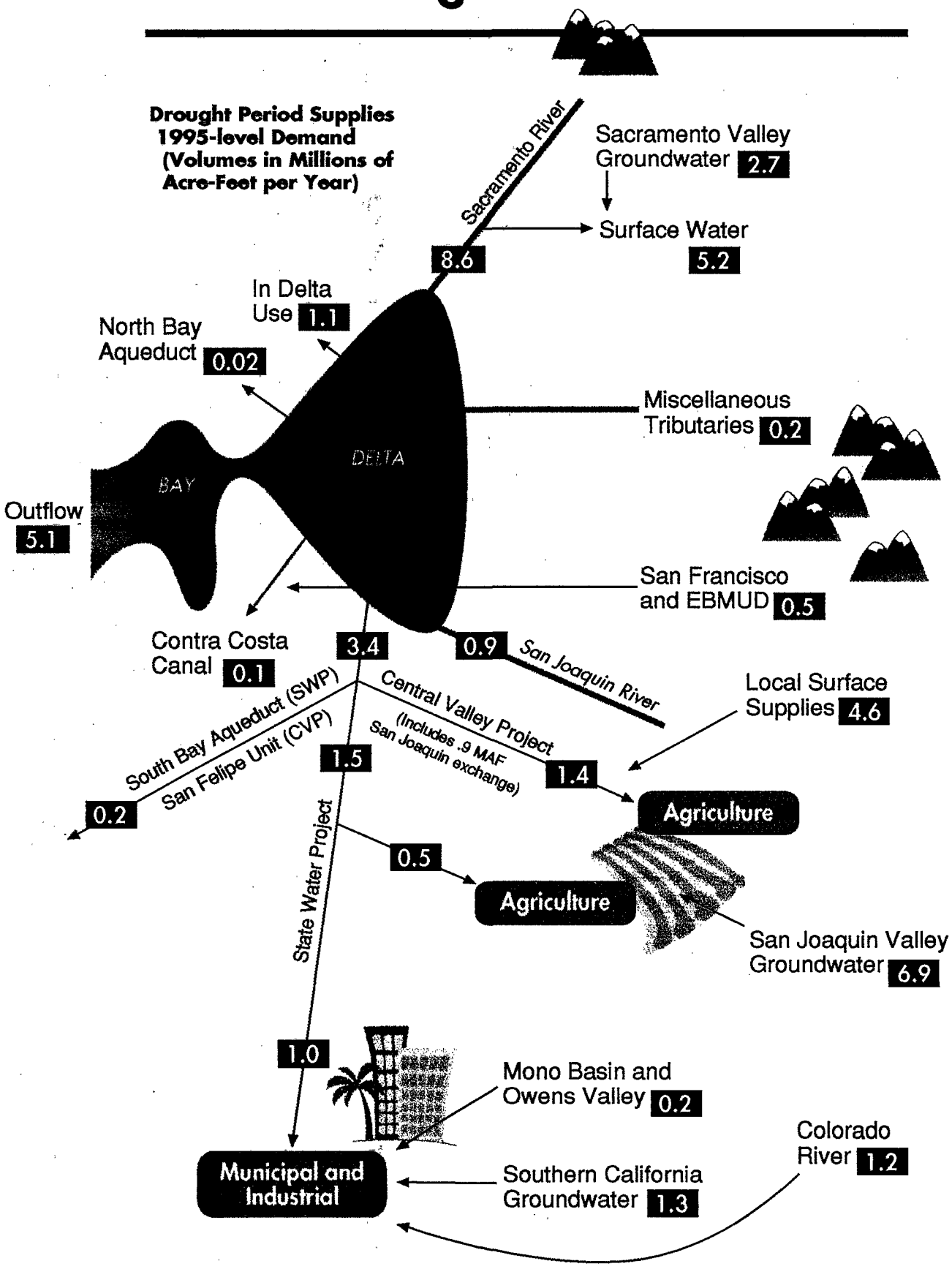
Water Management in California



Water Management in California



Integrated Water Management Strategy

Water Management Tools

Water Management Functions/Objectives	Transfers • Long Term • Water Bank	Conservation • Ag • Urban • Wetlands	Reuse	Storage • Groundwater • Surface	Watershed Management	Water Quality	Monitoring	Diversion Management
Reduce Diversion Conflicts								
Increase Supply Predictability								
Increase Supply Utility (WQ)								
Decrease Drought Impacts • Enviro Flows • Ag/Urban Supply								
Increase Supply Availability • Drought • Average								
Increase Operational Flexibity								

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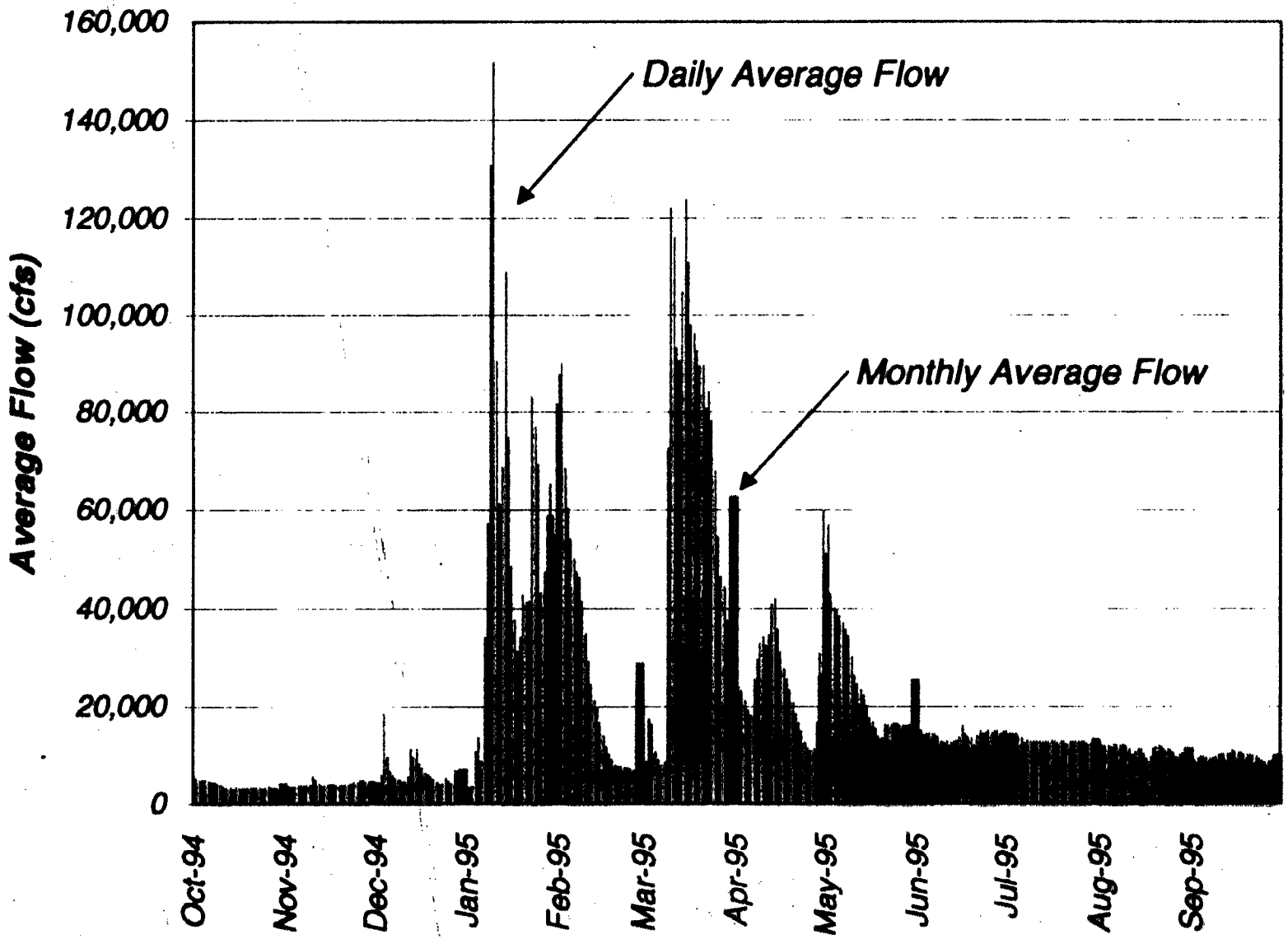
Sacramento River Flow at Hamilton City
Water Year 1995



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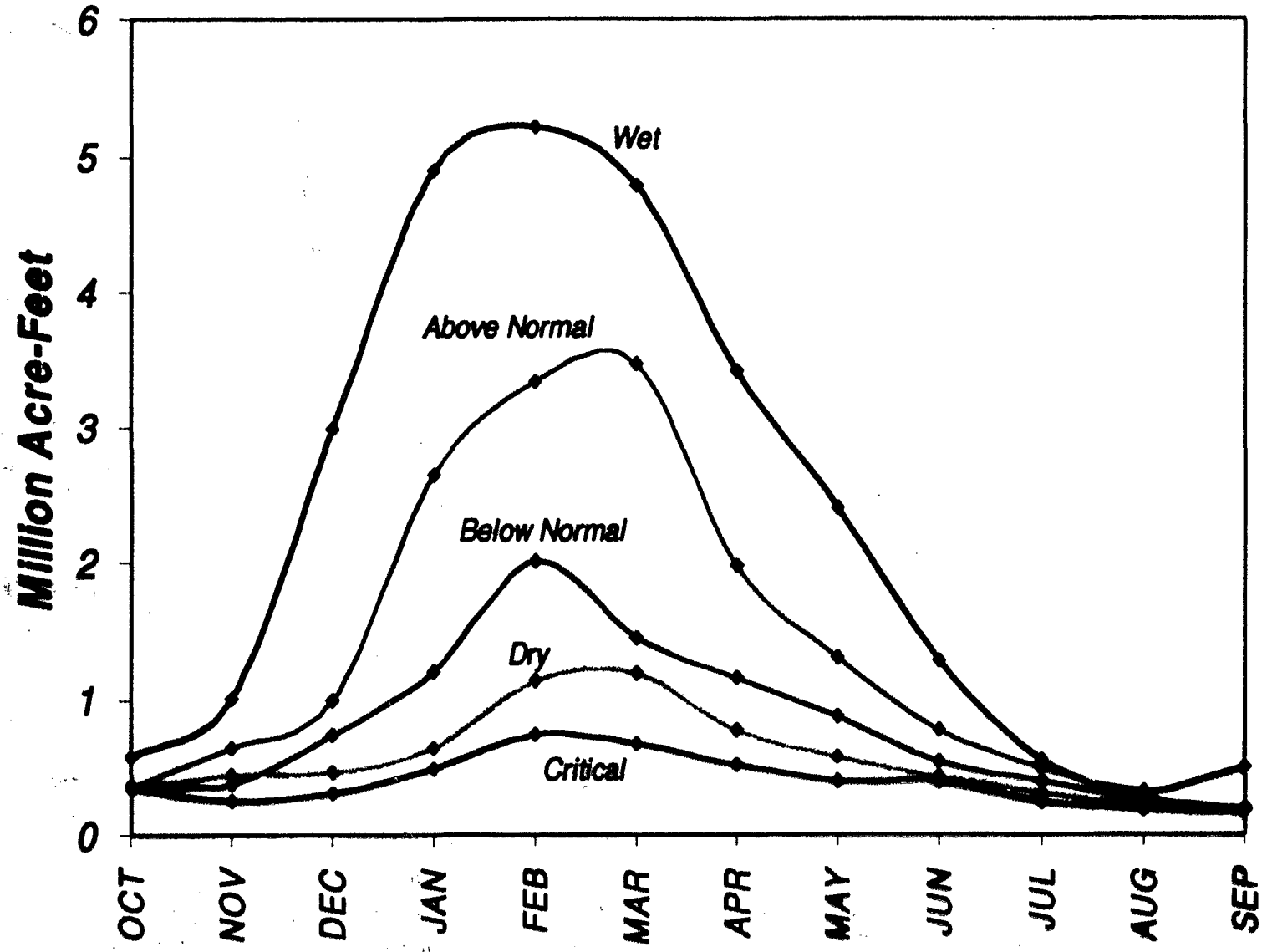
Average Monthly Delta Outflow



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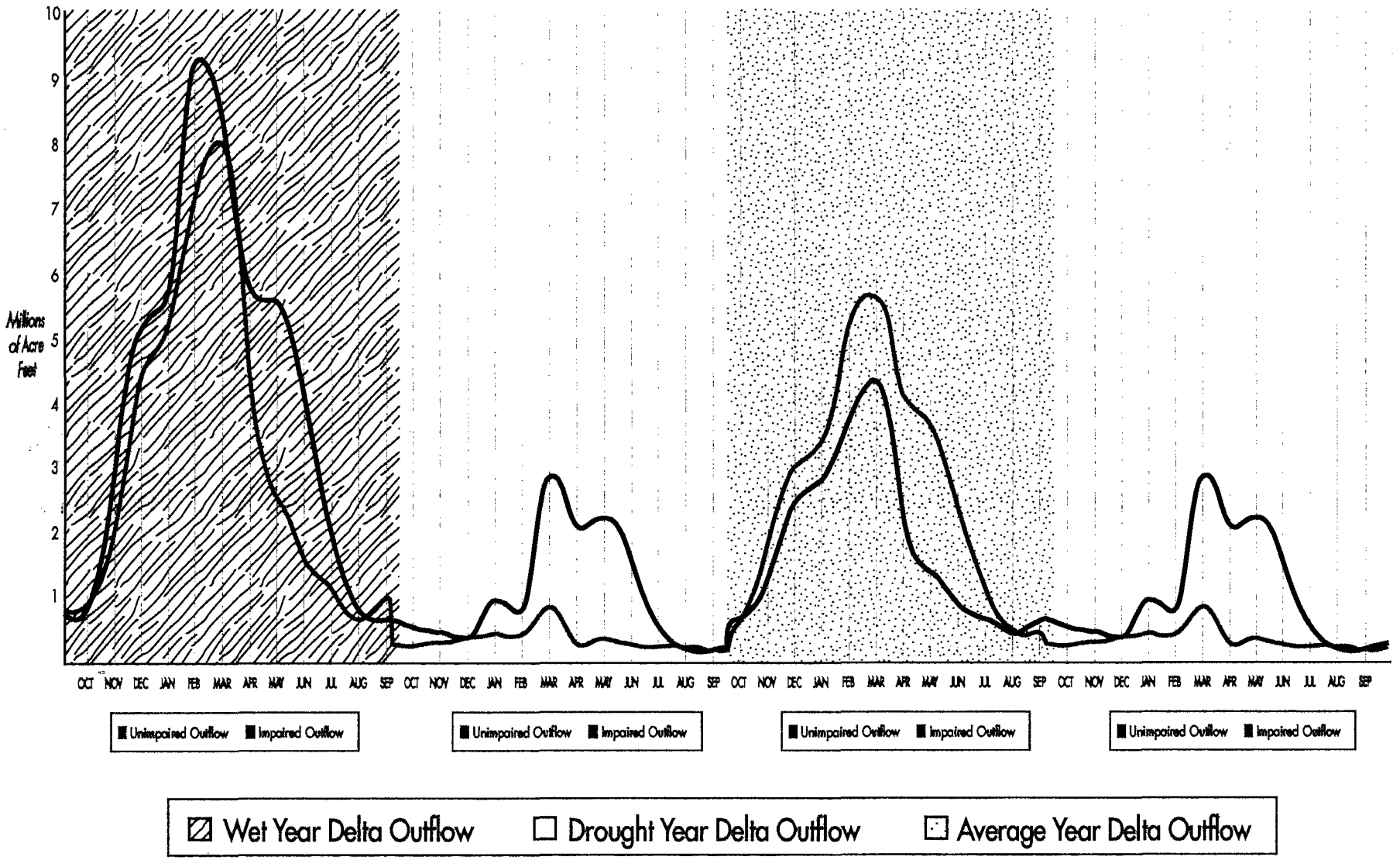
Delta Outflows



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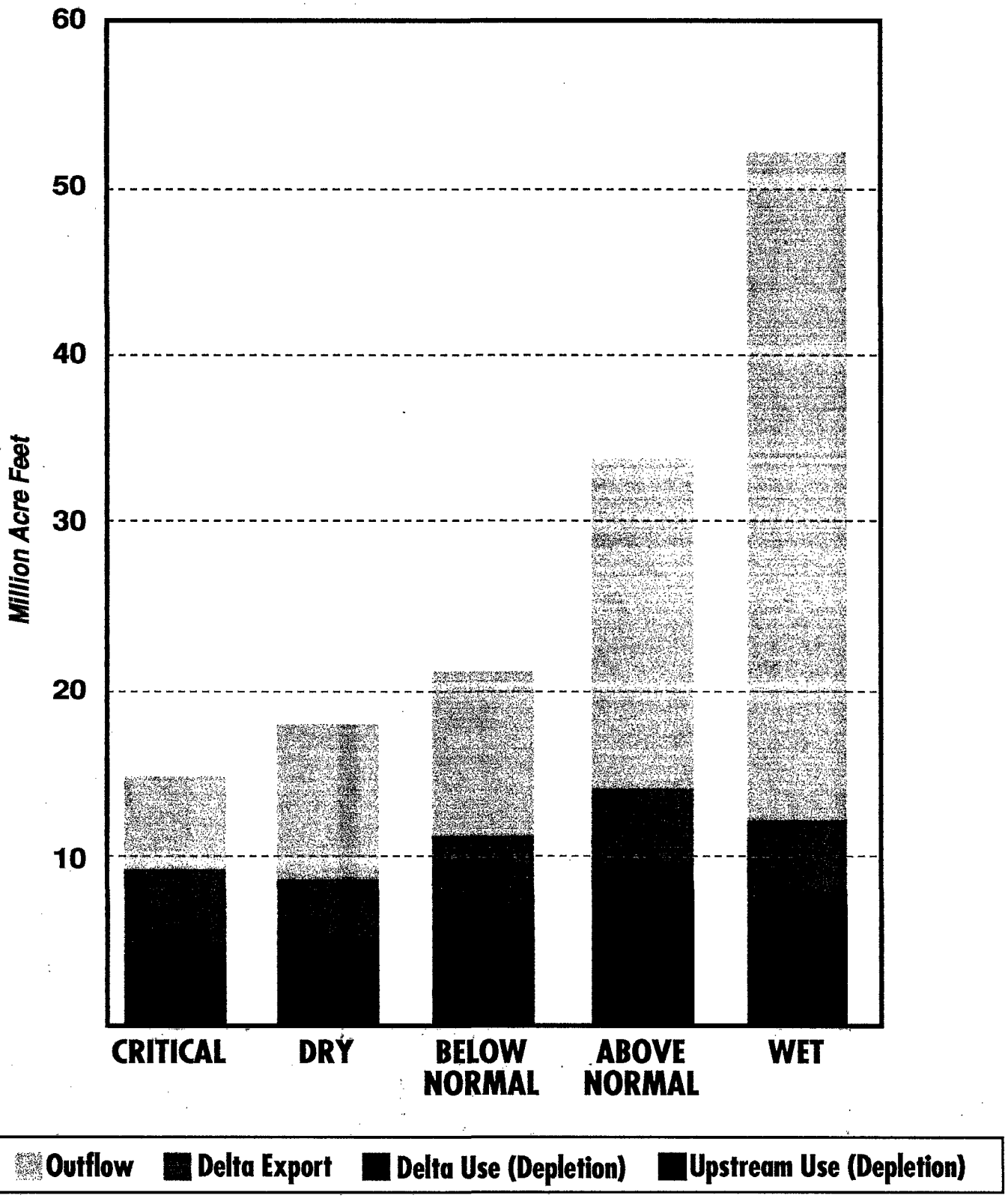
Disposition of Sacramento and San Joaquin River Flows