

San Diego County Tribal Water Issues

Water management planning
Water supply, quality

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Introduction

- 18 Reservations in San Diego County
- 5 Tribes part of the San Luis Rey settlement
- Many different priorities & issues
- This perspective based on over 20 years of tribal government & environmental program management experience
- Each tribe has their own unique perspective

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History

Early Engineering
Mission Flume
Rock Drop Structures



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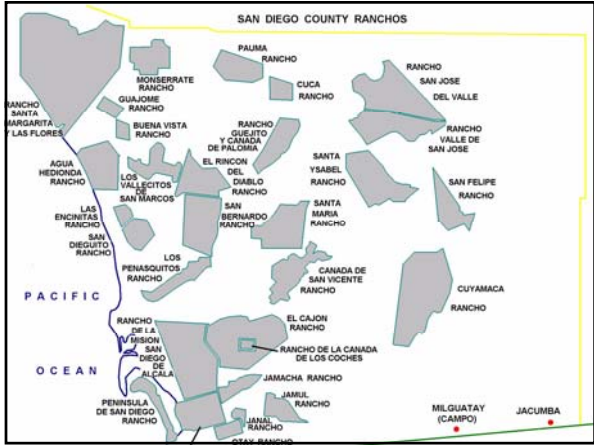
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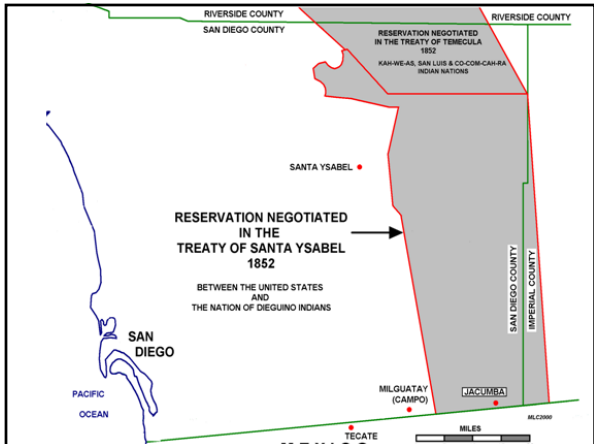












Reservations Created 1875-1893



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Bureau of Indian Affairs Programs

- Agriculture
- Cattle grazing
- Wetlands draining
- Cupa people relocated
- County dam system established
- Direct Impacts to San Luis Rey tribes and Capitan Grande

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Post WW2 growth

- Development of conveyance
- Lack of tribal involvement
- Little movement on water rights due to termination movement (except San Luis Rey)

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Tribal members as State residents

- Movement to assert State authority
 - PL 280
- Taxation encroachment
 - Sales
 - Income
 - Property

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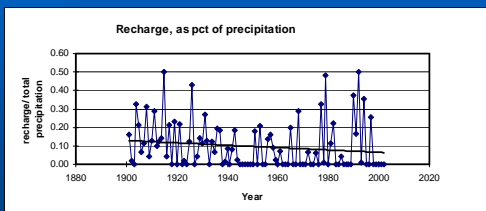
Community Priority Conflicts

- Agriculture/grazing
- Water companies
- Residential
- Casinos

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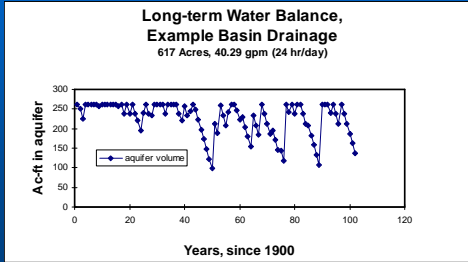
Rainfall Trends



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Water Balance Calculations



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Long Term Planning

- County growth control through groundwater dependence
- Downzoning, habitat zones/corridors
- MSCP impacts to Reservations
- Climate change – impacts to water quality and quantity

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Potential solutions

- Program for reasonable access to conveyance systems
- Recognize the future needs of additional trust lands to offset ESA restrictions
- Require incorporation of build outs on Reservations in County planning
- Develop incentive program for increased water storage

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