

Water Perspective in the Western US-Mexican Border: Future Conflict?

By

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and

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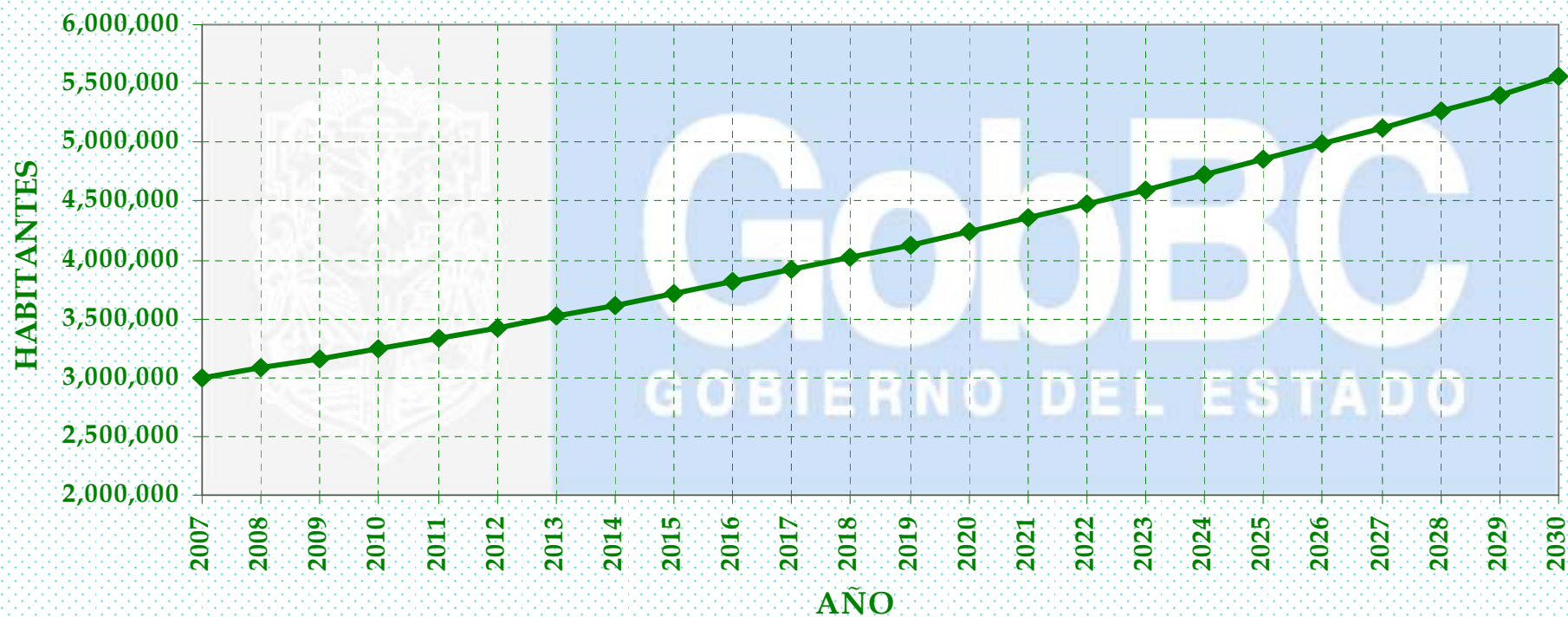
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Cuadro 3.5 Población y Tasa de Incremento en B.C.

AÑO	No. de Habitantes	Tasa de Crecimiento (%)
1940	78,907	----
1950	226,965	11.14
1960	520,165	8.64
1970	870,421	5.28
1975	1,012,490	3.07
1980	1,177,886	3.07
1985	1,398,283	3.49
1990	1,660,885	3.5
2000	2,487,367	4.15
2005	2,844,469	2.71

FUENTE: Censos Generales de Población y Vivienda, 1940, 1950, 1960, 1970, 1980, 1990, 2000, II Conteo de Población y Vivienda 2005

GRÁFICA 5.6 PROYECCIONES DE POBLACIÓN EN EL EDO. DE BAJA CALIFORNIA



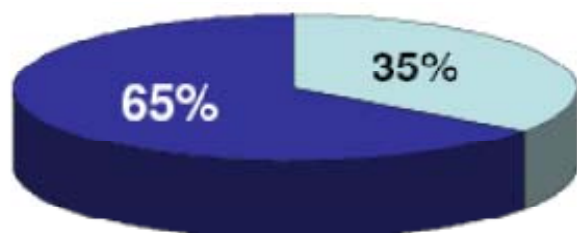
Dependencia del abasto anual de agua por región

(Datos al 2005)

Estado de Baja California

Río Colorado
1,850 millones de m³

Acuíferos Regionales
996.8 millones de m³

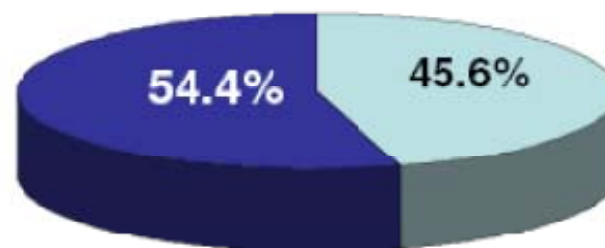


Zona Costa

(Tijuana, Tecate, Rosarito y Ensenada)

Acueducto RCT
116.7 millones de m³

Acuíferos Regionales*
97.8 millones de m³



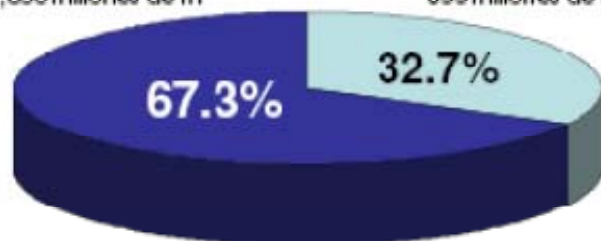
* 82.6% de los cuales están calificados como sobreexplotados o en equilibrio.

Resto del Estado

(excluyendo Zona Costa)

Río Colorado
1,850 millones de m³

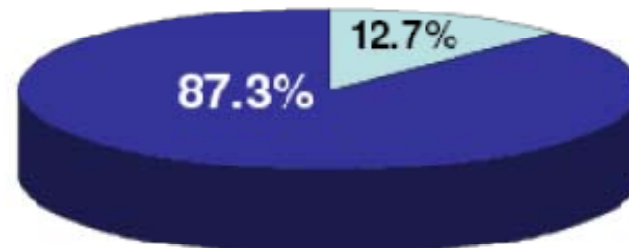
Acuíferos Regionales
899 millones de m³



Tijuana

Acueducto RCT
116.7 millones de m³

Acuíferos Regionales
17 millones de m³



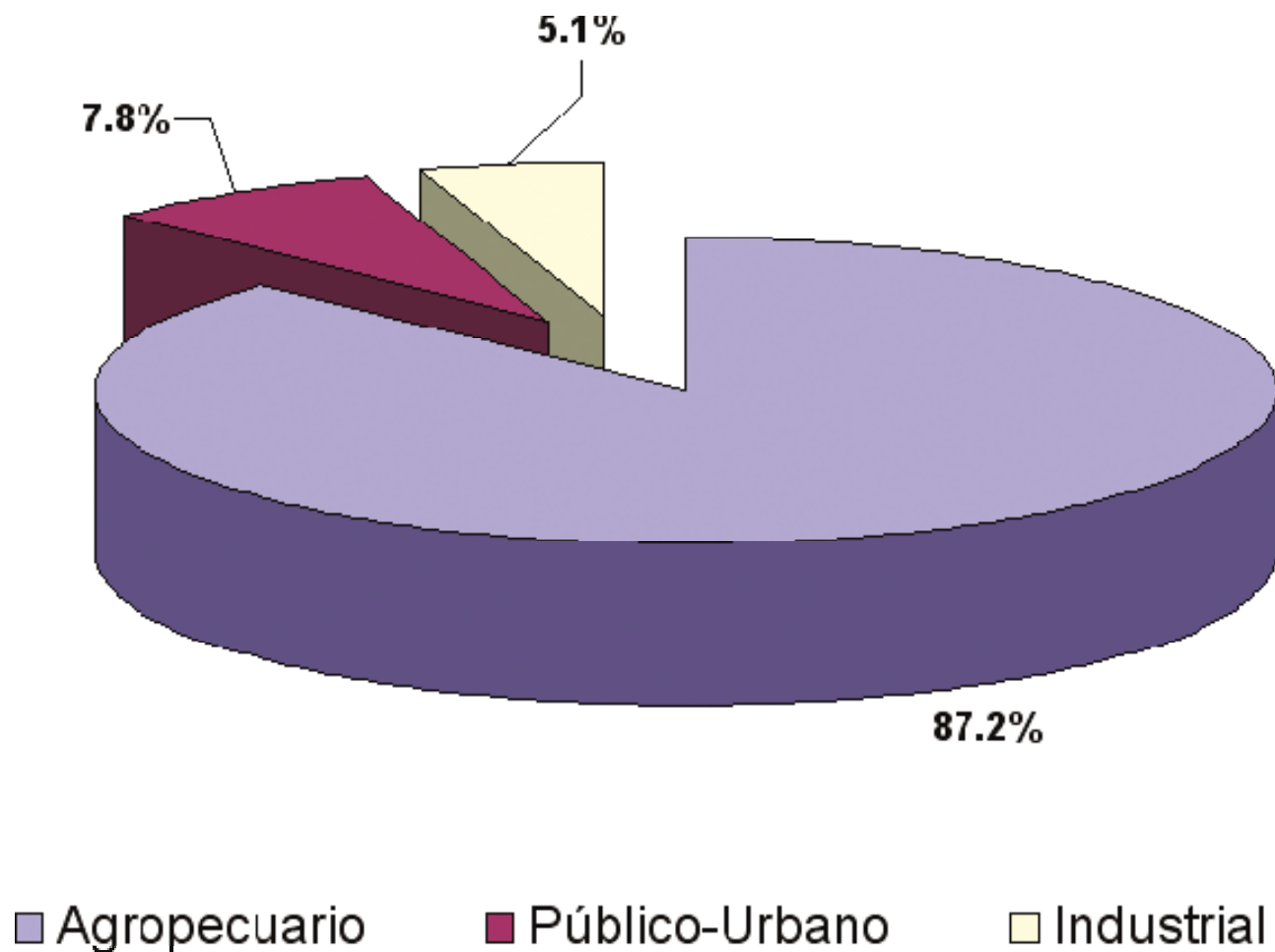
Nota: se excluye la aportación de la presa Abelardo L. Rodríguez por su falta de confiabilidad como fuente de suministro permanente dados los largos períodos de sequía que caracterizan a la región.

Cuadro 5.9 Usos del agua demandada en el Estado de Baja California.

Uso	Volumen (hm ³)	%
Agrícola	2,796	83.81
Público Urbano	273	8.18
Industria	267	8.00
Total	3,336	100

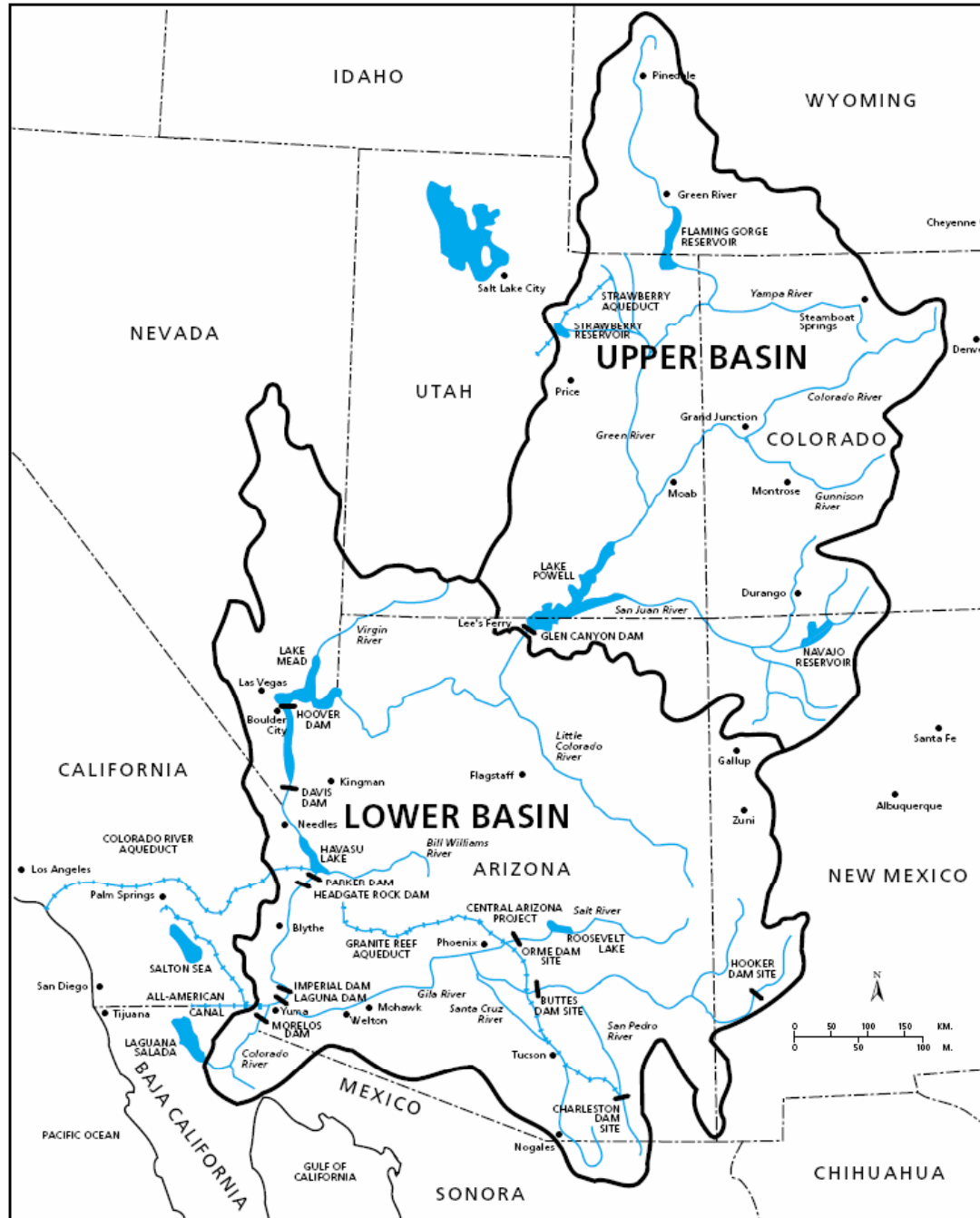
Fuente: CONAGUA, Dirección del REPDA, datos al 31 de Diciembre de 2007

Water uses in Baja California



Colorado River

- The Colorado River originates in USA. By a 1944 International Treaty, USA guarantees Mexico a minimum annual volume of 1 850.234 Mm³, in the event of exedents in the upper basin it may be up to 2 096.931 Mm³



IDAHO

WYOMING

NEVADA

UTAH

UPPER BASIN

COLORADO

CALIFORNIA

LOWER BASIN

ARIZONA

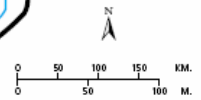
NEW MEXICO

PACIFIC OCEAN

MEXICO

SONORA

CHIHUAHUA



FLAMING GORGE RESERVOIR

STRAWBERRY RESERVOIR

LAKE POWELL

GLEN CANYON DAM

LAKE MEAD

HOOVER DAM

HAVASU LAKE

PARKER DAM

HEADGATE ROCK DAM

GRANITE REEF AQUEDUCT

IMPERIAL DAM

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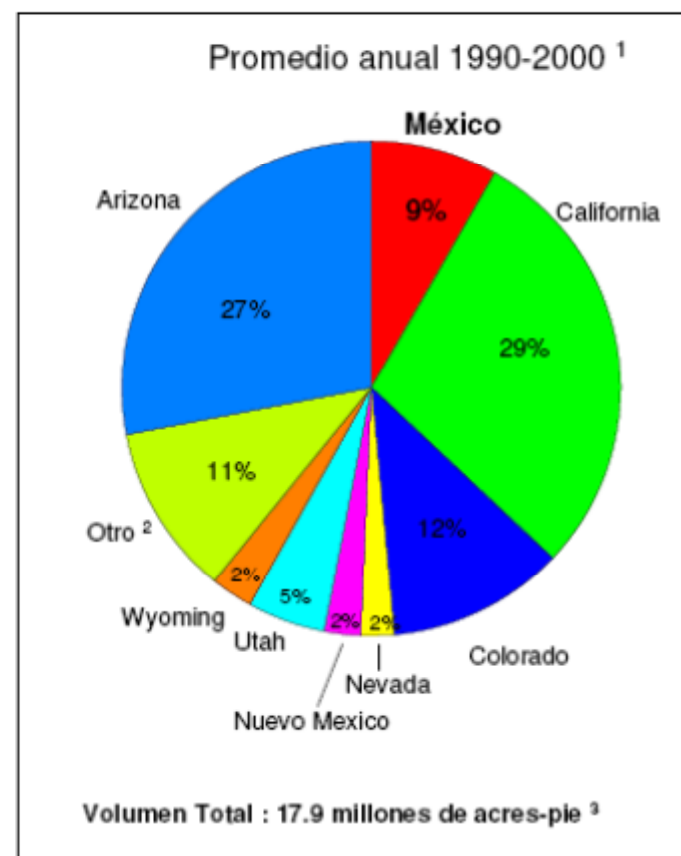
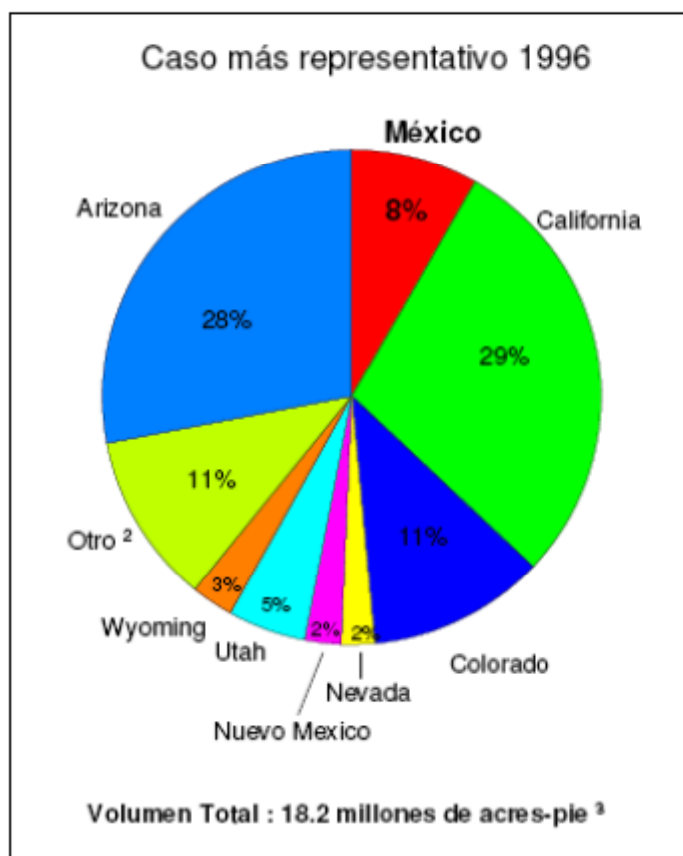
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Usuarios del agua de la cuenca del Río Colorado

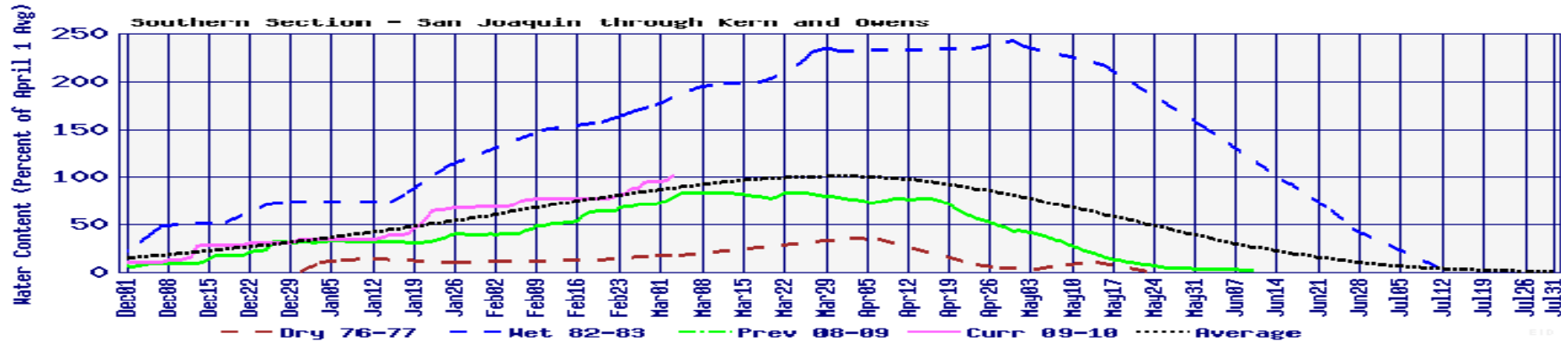
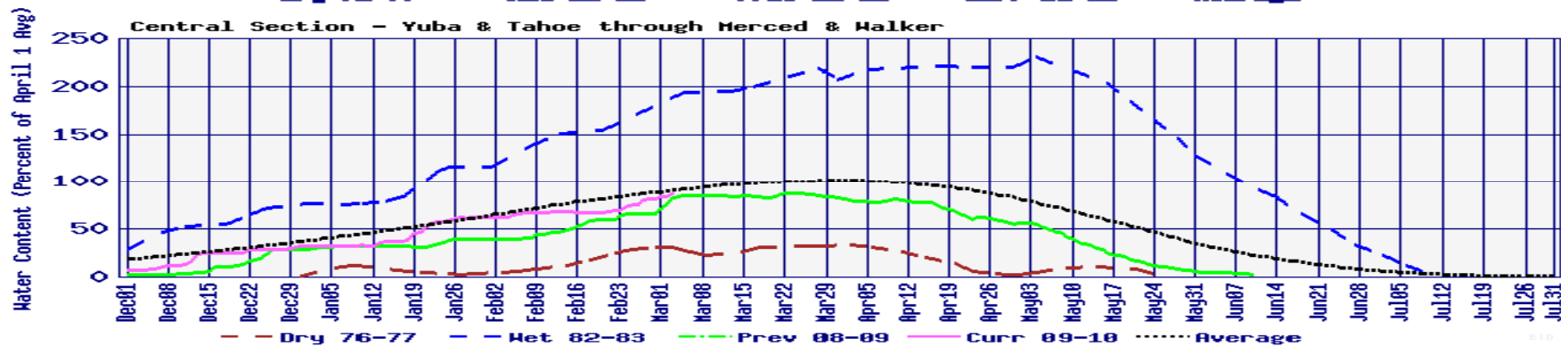
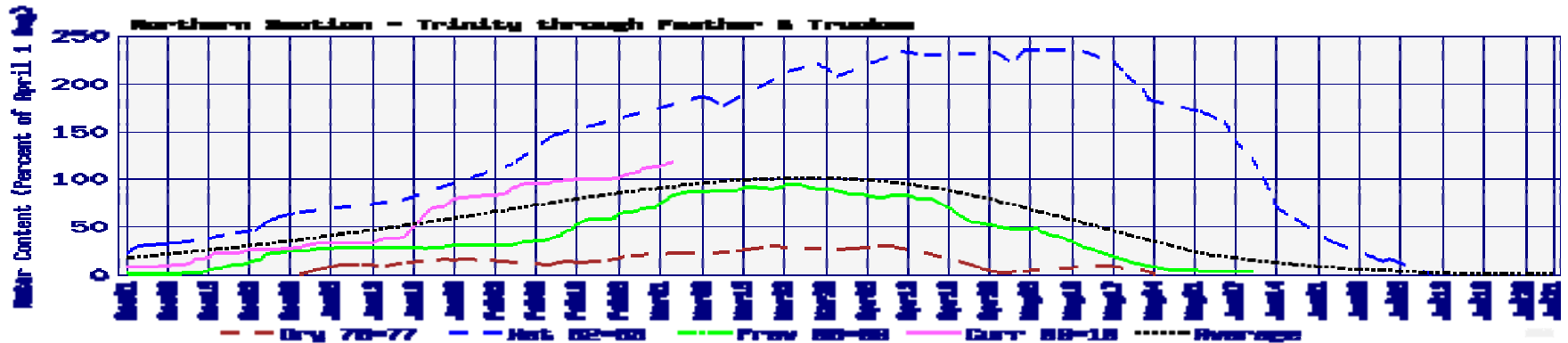


¹ Usos consuntivos y pérdidas; incluye agua procedente de acuíferos sobreexplotados.

² Evaporación anual a lo largo de las cuencas superior e inferior (*upper and lower basins.*)

³ Equivalencias: 1 acre-pie = 1,234 m³.

California Snow Water Content



CONSUMPTIVE USE AND RENEWABLE WATER SUPPLY, BY WATER-RESOURCES REGION

