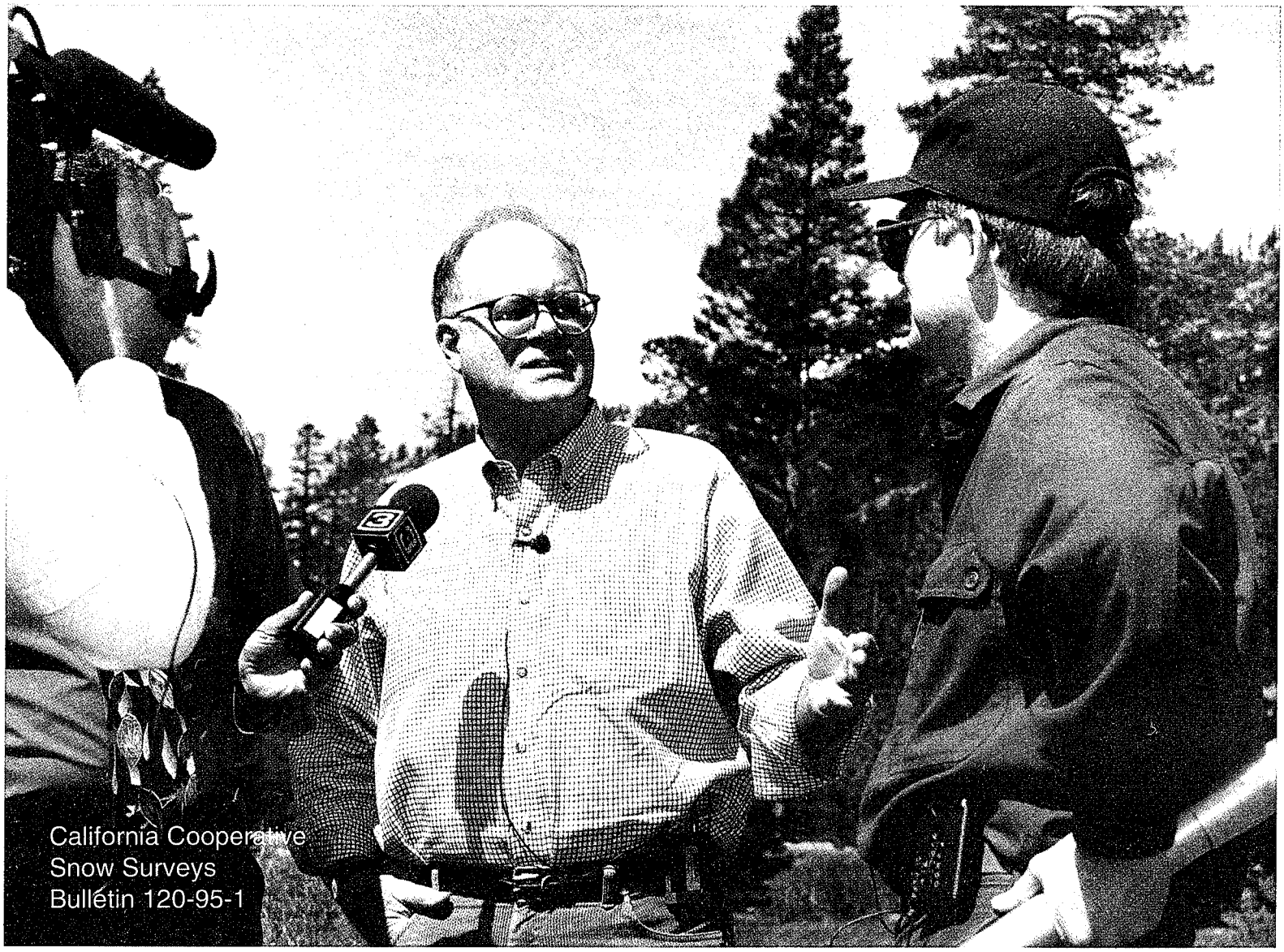

State of California
The Resources Agency

Department of
Water Resources

Water Conditions in California

Report 1 February 1, 1995

Douglas P. Wheeler
Secretary for Resources
The Resources Agency

Pete Wilson
Governor
State of California

David N. Kennedy
Director
Department of Water Resources

STATE OF CALIFORNIA
Pete Wilson, Governor

THE RESOURCES AGENCY
Douglas P. Wheeler, Secretary for Resources

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COOPERATING AGENCIES

Public Agencies

Buena Vista Water Storage District
Central California Irrigation District
East Bay Municipal Utility District
Friant Water Users Association
Kaweah Delta Water Conservation District
Kern Delta Water District
Kings River Conservation District
Lower Tule River Irrigation District
Merced Irrigation District
Nevada Irrigation District
North Kern Water Storage District
Northern California Power Agency
Oakdale Irrigation District
Omochumne-Hartnell Water District
Oroville-Wyandotte Irrigation District
Placer County Water Agency
South San Joaquin Irrigation District
Tri-Dam Project
Tulare Lake Basin Water Storage District
Turlock Irrigation District
Yuba County Water Agency
West Basin Municipal Water District

Private Organizations

J.G. Boswell Company
Kaweah River Association
Kings River Water Association
St. Johns River Association
Tule River Association
State Water Contractors

Municipalities

City of Bakersfield
  Water Department
City of Los Angeles
  Department of Water and Power
City and County of San Francisco
  Hetch Hetchy Water and Power

State Agencies

California Department of Forestry & Fire Protection
California Department of Water Resources

Federal Agencies

U.S. Department of Agriculture
  Forest Service(14 National Forests)
  Pacific Southwest Forest and Range Experiment Station
  Resource Conservation Service
U.S. Department of Commerce
  National Weather Service
U.S. Department of Interior
  Bureau of Reclamation
  Geological Survey, Water Resources
  National Park Service(3 National Parks)
U.S. Department of Army
  Corps of Engineers

Other Cooperative Programs

Nevada Cooperative Snow Surveys
Oregon Cooperative Snow Surveys

SUMMARY OF WATER CONDITIONS

February 1, 1995

Rain and snow totals surged rapidly upward during January as a series of storms from the mid-Pacific Ocean moved into California. Accumulations now are slightly more than in 1993 and a huge contrast to the dry conditions of one year ago. Prospects are good for well above average runoff in 1995.

Forecasts of April through July and of water year runoff are much above average. The heavy snowpack practically assures spring runoff double that of last year on most streams, even if the remainder of the season turns dry.

Snowpack water content for this date is 195 percent of average and about 130 percent of April 1, the date of maximum average accumulation. Last year, the pack was only 50 percent of average. Snow densities are high for this early in the season. Unseasonably warm weather at the end of January caused the snowpack to settle, with a small amount of melting at lower elevations.

Precipitation during January was about triple normal. Seasonal statewide precipitation since October 1 is 170 percent of average. Last year it was only 55 percent of average.

Runoff so far this season is now about 140 percent of average after a slow start. One year ago seasonal runoff was 35 percent of average. January runoff has been over 2-1/2 times average for the month. Estimated runoff during January for the 8 major rivers of the Sacramento and San Joaquin River regions was 8.0 million acre-feet.

Reservoir storage increased dramatically during January from 75 percent of average to slightly over normal statewide. February 1 data showed an in-State storage gain of 7.7 million acre feet during January. Last year total storage at this time was also near normal, but that was a result of carryover from a wet 1993.

SUMMARY OF WATER CONDITIONS

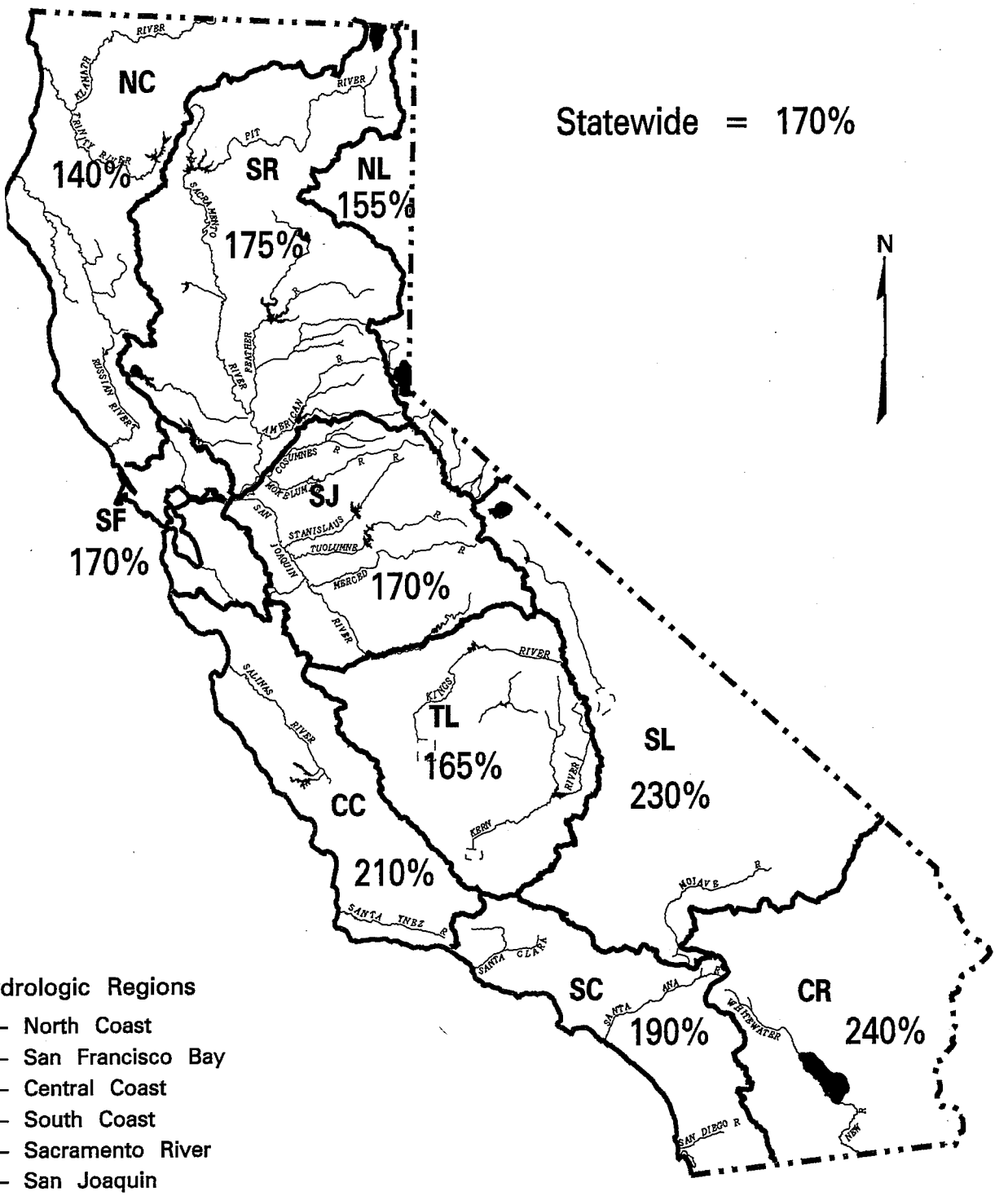
IN PERCENT OF AVERAGE

HYDROGRAPHIC AREA	PRECIPITATION OCTOBER 1 TO DATE	FEBRUARY 1 WATER CONTENT	FEBRUARY 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	140	200	95	130	135	130
SAN FRANCISCO BAY	170	--	135	230	--	--
CENTRAL COAST	210	--	80	180	--	--
SOUTH COAST	190	--	125	170	--	--
SACRAMENTO BASIN	175	205	110	150	135	135
SAN JOAQUIN BASIN	170	190	105	160	140	145
TULARE LAKE BASIN	165	180	80	115	125	120
NORTH LAHONTAN	155	195	20	80	135	125
SOUTH LAHONTAN	230	175	95	70	130	110
COLORADO RIVER	240	--	--	--	--	--
STATEWIDE	170	195	105	140	135	135

SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE

OCTOBER 1, 1994 THROUGH JANUARY 31, 1995



Hydrologic Regions

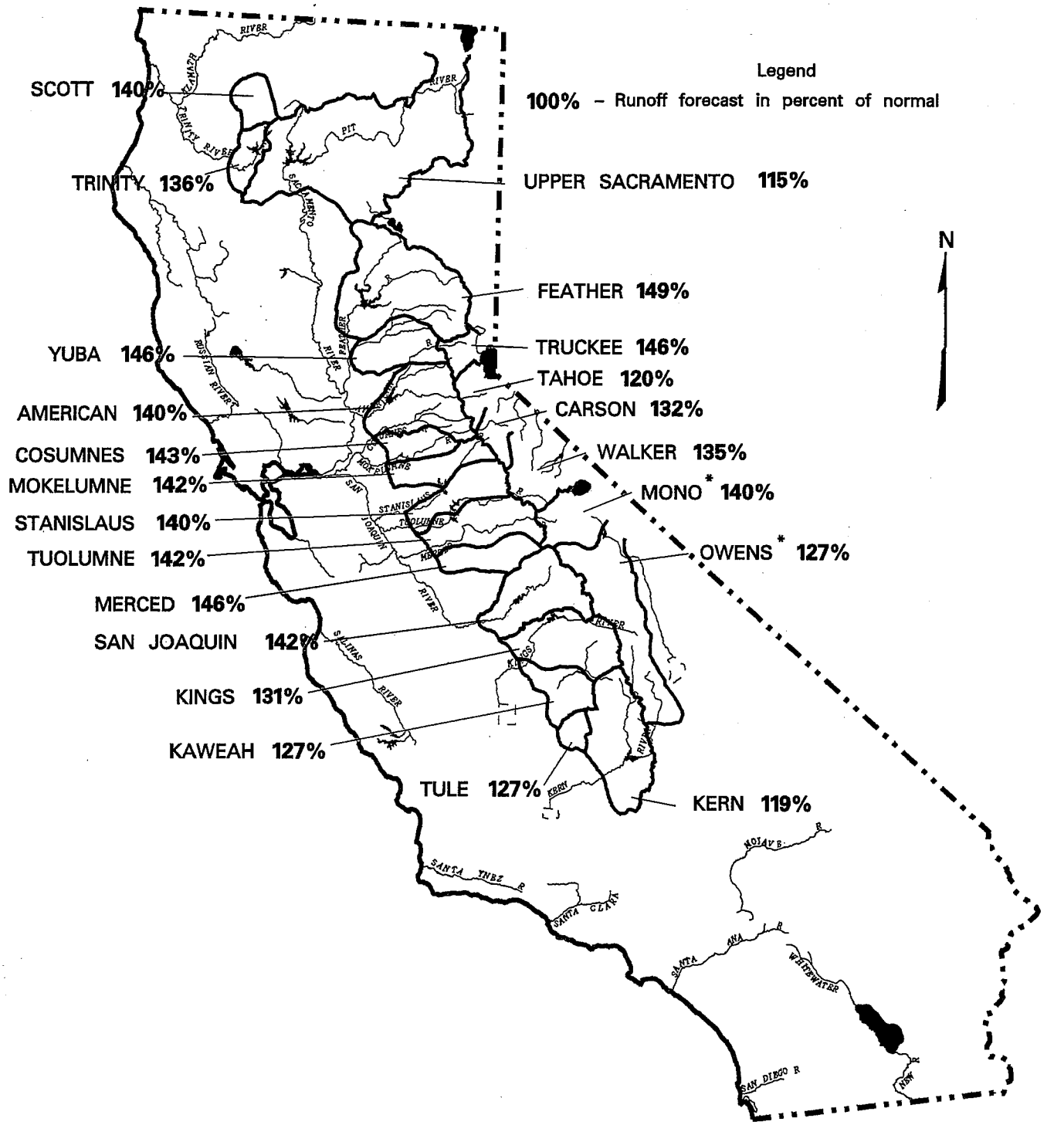
NC – North Coast
SF – San Francisco Bay
CC – Central Coast
SC – South Coast
SR – Sacramento River
SJ – San Joaquin
TL – Tulare Lake
NL – North Lahontan
SL – South Lahontan
CR – Colorado River

WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

FORECAST OF APRIL – JULY

UNIMPAIRED SNOWMELT RUNOFF

FEBRUARY 1, 1995



* FORECAST BY DEPARTMENT OF WATER AND POWER, CITY OF LOS ANGELES

FEBRUARY 1, 1995 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1)					
	HISTORICAL			FORECASTS		
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Shasta Lake	297	702	39	380	128	
McCloud River at Shasta Lake	411	850	185	460	112	
Pit River at Shasta Lake	1,062	1,796	480	1,170	110	
Total Inflow to Shasta Lake	1,824	3,189	726	2,100	115	1,500-3,000
Sacramento River above Bend Bridge, near Red Bluff	2,491	4,674	943	2,880	116	2,000-4,200
Feather River						
Feather River at Lake Almanor near Prattville	333	675	120	470	141	
North Fork at Pulga	1,028	2,416	243	1,520	148	
Middle Fork near Clio (3)	86	518	4	130	151	
South Fork at Ponderosa Dam	110	267	13	170	155	
Total Inflow to Oroville Reservoir	1,857	4,676	392	2,770	149	2,000-3,900
Yuba River						
North Yuba below Goodyears Bar	286	647	51	410	143	
Inflow to Jackson Mdws and Bowman Reservoirs	112	236	25	160	143	
South Yuba at Langs Crossing	233	481	57	320	137	
Yuba River at Smartville	1,047	2,424	200	1,530	146	1,150-2,200
American River						
North Fork at North Fork Dam	262	716	43	380	145	
Middle Fork near Auburn	522	1,406	100	770	148	
Silver Creek Below Camino Diversion Dam	173	386	37	250	145	
Total Inflow to Folsom Reservoir	1,284	3,074	229	1,800	140	1,300-2,700
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	129	363	8	185	143	130-320
Mokelumne River						
North Fork near West Point (4)	437	829	104	580	133	
Total Inflow to Pardee Reservoir	465	1,065	102	660	142	520-900
Stanislaus River						
Middle Fork below Beardsley Dam	334	702	64	460	138	
North Fork Inflow to McKays Point Dam	224	503	34	310	138	
Total Inflow to New Melones Reservoir	713	1,710	116	1,000	140	780-1,400
Tuolumne River						
Cherry Creek and Eleanor Creek near Hetch Hetchy	322	727	97	430	134	
Tuolumme River near Hetch Hetchy	606	1,392	153	830	137	
Total Inflow to New Don Pedro Reservoir	1,200	2,682	301	1,700	142	1,330-2,200
Merced River						
Merced River at Pohono Bridge	362	888	80	520	144	
Total Inflow to Lake McClure	617	1,587	123	900	146	690-1,200
San Joaquin River						
San Joaquin River at Mammoth Pool (5)	1,014	2,279	235	1,370	135	
Big Creek below Huntington Lake (5)	95	264	11	130	137	
South Fork near Florence Lake (5)	202	511	58	270	134	
Total Inflow to Millerton Lake	1,228	3,355	262	1,740	142	1,300-2,300
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp	239	565	50	310	130	
Total Inflow to Pine Flat Reservoir	1,203	3,114	273	1,570	131	1,150-2,150
Kaweah River at Terminus Reservoir	284	814	61	360	127	250-500
Tule River at Success Reservoir	63	256	2	80	127	50-130
Kern River						
Kern River near Kernville	373	1,203	83	450	121	
Total Inflow to Isabella Reservoir	461	1,657	84	550	119	370-870

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1941-1990 unless otherwise noted

(3) 44 year average based on years 1936-79

(4) 36 year average based on years 1936-71

(5) 45 year average based on years 1936-80

FEBRUARY 1, 1995 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF

Unimpaired Runoff in 1,000 Acre-Feet (1)													
HISTORICAL			DISTRIBUTION								FORECASTS		
50 Yr Avg (2)	Max of Record	Min of Record	Oct Thru Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug & Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)
856	1,964	165											
1,244	2,353	577											
3,145	5,150	1,484											
5,987	10,796	2,479	2,740	1,030	880	900	610	340	250	450	7,200	120	5,900-9,100
8,664	17,180	3,294	4,660	1,500	1,300	1,200	860	490	330	560	10,900	126	8,900-13,900
780	1,269	366											
2,417	4,400	666											
219	637	24											
291	562	32											
4,617	9,492	994	1,880	740	800	1,030	1,000	530	210	210	6,400	139	5,200-8,300
564	1,056	102											
181	292	30											
379	565	98											
2,390	4,926	369	1,000	400	450	520	540	380	90	60	3,440	144	2,800-4,500
616	1,234	66											
1,070	2,575	144											
318	705	59											
2,736	6,381	349	1,140	470	500	580	690	430	100	40	3,950	144	3,200-5,300
385	1,253	20	230	100	120	100	65	20	5	5	645	168	520-950
626	1,009	197											
748	1,800	129	170	90	110	170	260	190	40	10	1,040	139	850-1,350
471	929	88											
1,150	2,952	155	290	130	185	270	400	250	80	25	1,630	142	1,330-2,150
461	1,147	123											
770	1,661	258											
1,882	4,430	383	480	210	250	360	580	560	200	40	2,680	142	2,200-3,300
461	1,020	92											
966	2,859	150	260	100	150	200	340	280	80	30	1,440	149	1,150-1,850
1,337	2,964	308											
112	298	14											
248	653	71											
1,776	4,642	362	350	130	180	330	580	580	250	100	2,500	141	1,960-3,200
284	607	58											
1,669	4,294	383	280	90	140	270	550	530	220	90	2,170	130	1,670-2,880
444	1,402	92	60	30	55	85	135	110	30	15	520	117	380-700
145	615	16	30	20	30	35	25	15	5	5	165	114	110-250
558	1,577	163											
716	2,309	175	85	40	70	130	180	160	80	55	800	112	570-1,200

* Indicates runoff to date

FORECASTS OF APRIL-JULY UNIMPAIRED RUNOFF FOR SELECTED CALIFORNIA STREAMS

FEBRUARY 1, 1995

HYDROLOGIC BASIN AND WATERSHED	April through July Unimpaired Runoff in 1,000 Acre-Feet				
	HISTORICAL			FORECASTS	
	50 Year Average(4)	Maximum of Record	Minimum of Record	April-July Forecast	Percent of Average
NORTH COAST AREA					
Trinity River at Lewiston	653	1,593	80	890	136
Scott River at Ft. Jones	200	*	*	280	140
Upper Klamath Lake(1)(2)(5)	521	1,151	177	NA	NA
LAHONTAN AREA					
Truckee River, Lake Tahoe to Farad accretion	268	713	58	390	146
Lake Tahoe Rise in feet (assuming gates closed)	1.5	3.75	0.23	1.8	120
East Carson River near Gardnerville	186	407	43	250	134
West Carson River at Woodfords	54	131	12	70	130
East Walker River near Bridgeport	63	209	7	85	135
West Walker River near Coleville	148	330	35	200	135
Owens River(3)	233	579	96	296	127

(1)Forecast period of April-September

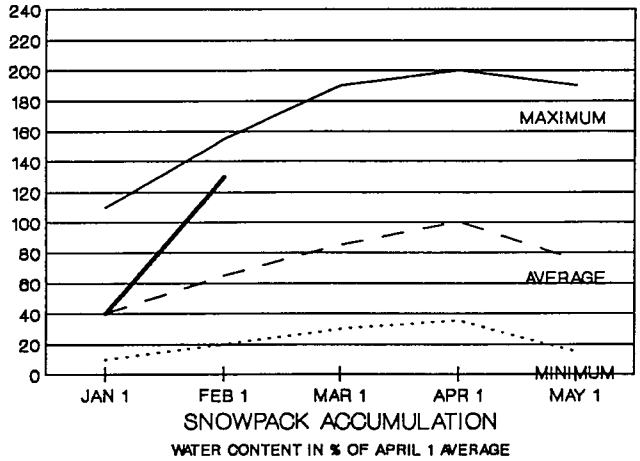
(2)Forecast by U.S. Soil Conservation Service, Portland, Or.

(3)Forecast by Dept. of Water and Power, City of Los Angeles

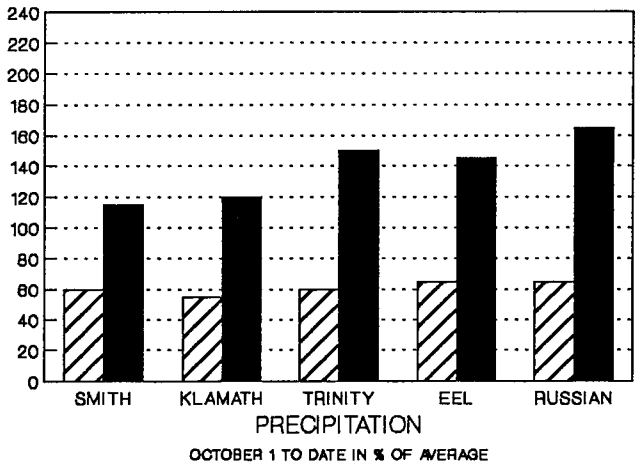
(4)Inside back cover for definition of unimpaired runoff.

(5)Average period of 25 years

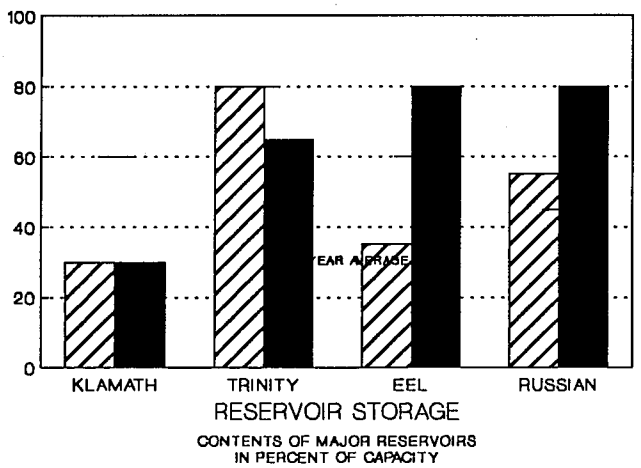
NORTH COAST AREA



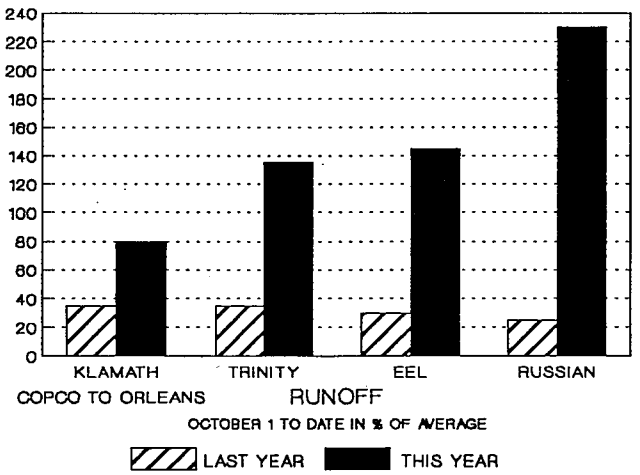
SNOWPACK - First of the month measurements made at 12 snow courses indicate an area wide snow water equivalent of 37.6 inches. This is 200 percent of the average for this date and about 130 percent of the seasonal (April 1) average. Last year at this time the pack was holding only 13.2 inches of water.



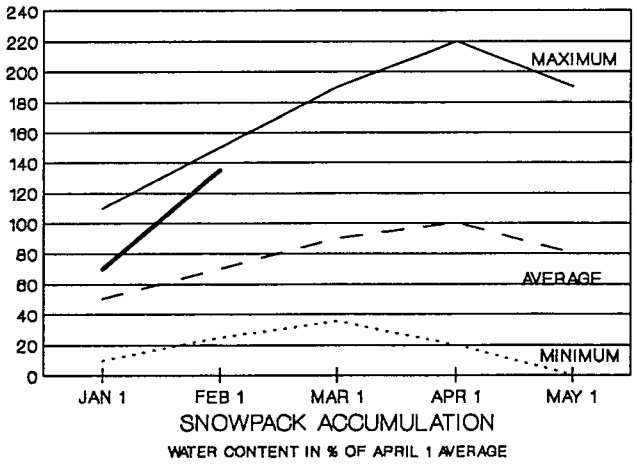
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 140 percent of normal. Precipitation last month was about 245 percent of the monthly average. Seasonal precipitation at this time last year stood at 60 percent of normal.



RESERVOIR STORAGE - First of the month storage in 7 reservoirs was 2.1 million acre-feet which is 95 percent of average. About 65 percent of available capacity was being used. Storage in these reservoirs at this time last year was 105 percent of average.

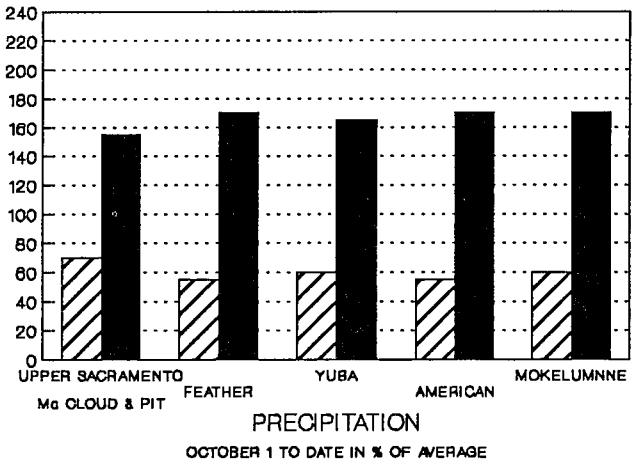


RUNOFF - Seasonal runoff of streams draining the area totaled 7.1 million acre-feet which is 130 percent of average for this period. Last year, runoff for the same period was 30 percent of average.

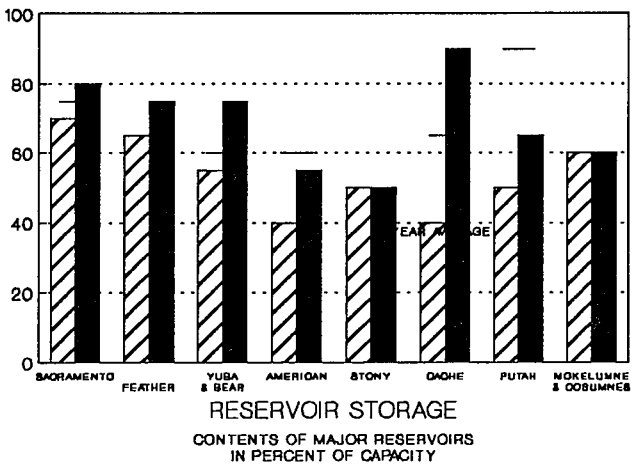


SACRAMENTO BASIN

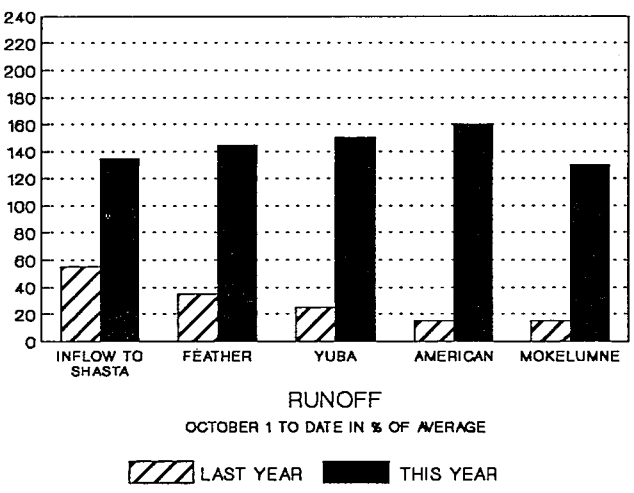
SNOWPACK - First of the month measurements made at 71 snow course indicate a basin wide snow water equivalent of 40.1 inches. This is 205 percent of the average for this date and about 135 percent of the April 1 seasonal average. Last year at this time, the pack was holding 12.8 inches of water.



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the Sacramento Basin was 175 percent of normal. Precipitation last month was 290 percent of the monthly average. Seasonal precipitation at this time last year stood at 60 percent of average.

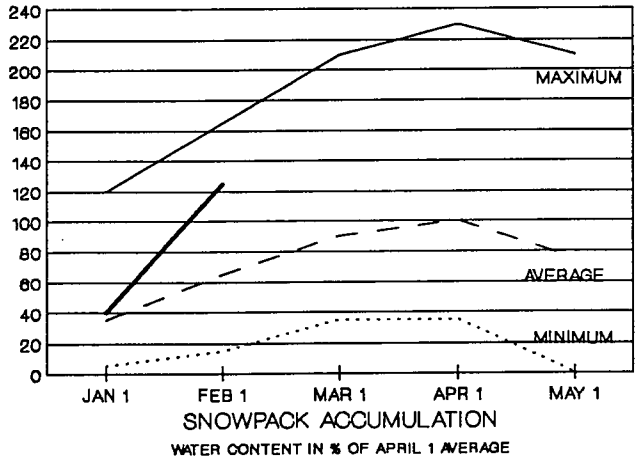


RESERVOIR STORAGE - First of the month storage in 43 reservoirs was 11.6 million acre-feet which is 110 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs was about 90 percent of average at this time last year.

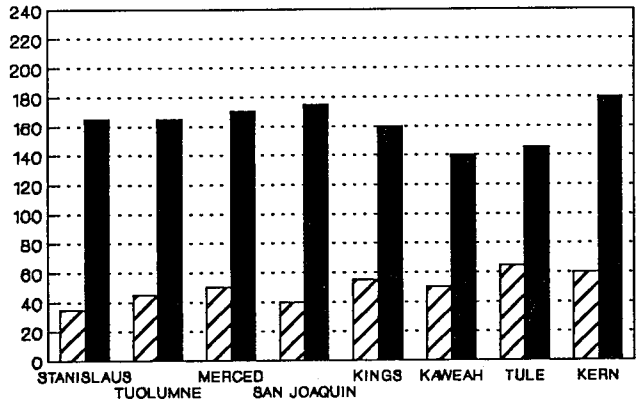


RUNOFF - Seasonal runoff from streams draining into the basin totaled 8.7 million acre-feet which is about 150 percent of average for this period. Last year runoff for the same period was 40 percent of average.

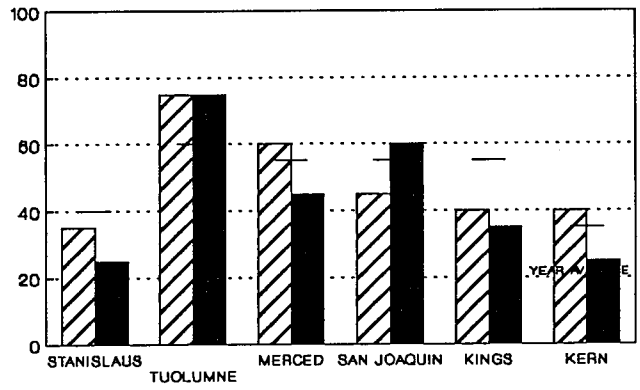
The Sacramento Region 40-30-30 Water Supply Index is forecasted to be 9.5 million acre-feet assuming median meteorological conditions for the remainder of the year. This classifies the year as "wet" in the the Sacramento-San Joaquin Delta according to the State Water Resources Control Board. This time last year, "critical" water supply conditions were forecast.



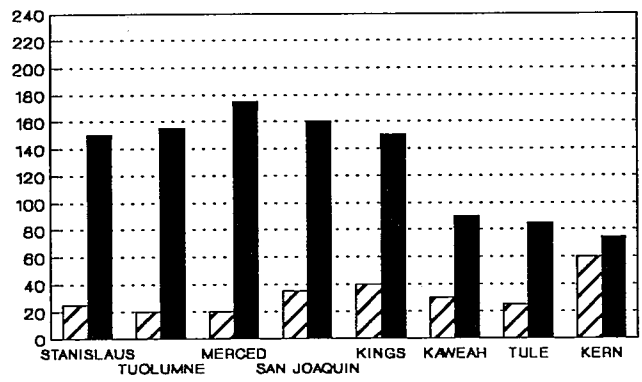
SNOWPACK ACCUMULATION
WATER CONTENT IN % OF APRIL 1 AVERAGE



PRECIPITATION
OCTOBER 1 TO DATE IN % OF AVERAGE



RESERVOIR STORAGE
CONTENTS OF MAJOR RESERVOIRS
IN PERCENT OF CAPACITY



RUNOFF
OCTOBER 1 TO DATE IN % OF AVERAGE

LAST YEAR THIS YEAR

SAN JOAQUIN AND TULARE LAKE BASINS

SNOWPACK - First of the month measurements made at 61 San Joaquin Basin snow courses indicate a basin wide snow water equivalent of 37.1 inches which is 190 percent of the average for this date and 125 percent of the seasonal (April 1) average. Last year at this time, the pack was holding 8.3 inches of water.

At the same time, 43 Tulare Lake Basin snow courses indicated a basin-wide snow water equivalent of 24.9 inches, which is 190 percent of the average for this date and 115 percent of the seasonal average. Last year at this time, the Basin was holding only 6.2 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the San Joaquin Basin was 170 percent of normal. Precipitation last month was 285 percent of the monthly average. Seasonal precipitation at this time last year stood at 50 percent of normal.

Seasonal precipitation on the Tulare Lake Basin was 165 percent of normal. Precipitation last month was 265 percent of the monthly average. Seasonal precipitation at this time last year stood at 60 percent of normal.

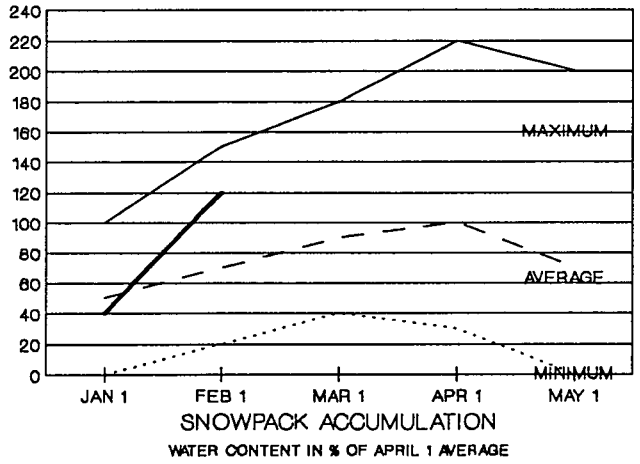
RESERVOIR STORAGE - First of the month storage in 33 San Joaquin Basin reservoirs was 6.6 million acre-feet which is 105 percent of average. About 60 percent of available capacity was being used. Storage in these reservoirs at this time last year was 110 percent of average.

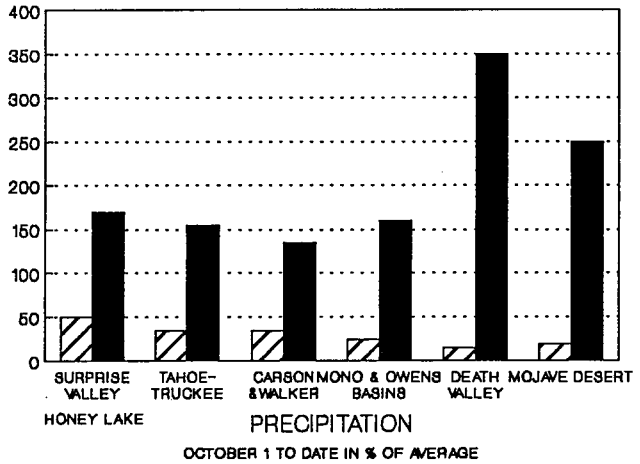
First of the month storage in 6 Tulare Lake Basin reservoirs was 604 thousand acre-feet which is 80 percent of average. About 30 percent of available capacity was being used. Storage in these reservoirs at this time last year was 100 percent of average.

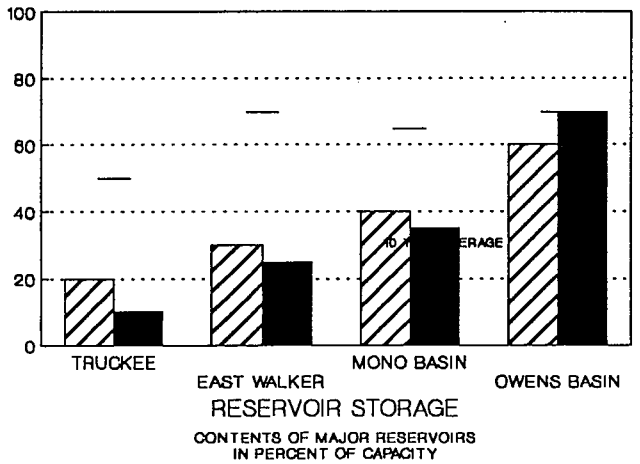
RUNOFF - Seasonal runoff of streams draining into the San Joaquin Basin totaled 1.8 million acre-feet which is 160 percent of average for this period. Last year, runoff for this same period was 25 percent of average.

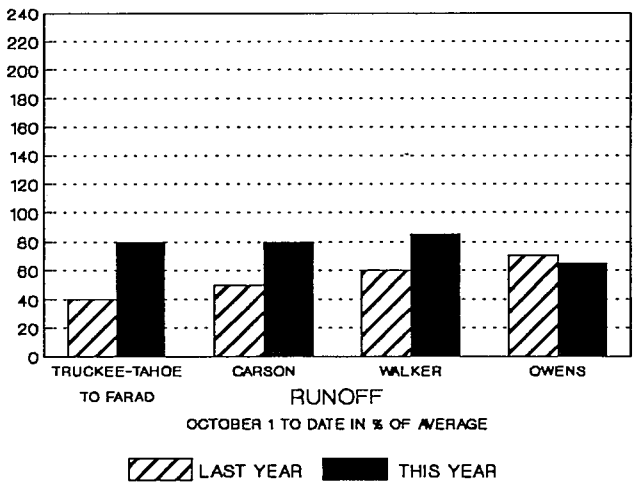
Seasonal runoff of streams draining into the Tulare Lake Basin totaled 459 thousand acre-feet which is 115 percent of average for this period. Last year, runoff for this same period was 40 percent of average.

The San Joaquin Basin 60-20-20 Water Supply Index is forecasted to be 4.2 MAF which classifies the year as wet.









NORTH AND SOUTH LAHONTAN AREA

SNOWPACK - First of the month measurements made at 19 North Lahontan snow courses indicate an area wide snow water equivalent of 23.0 inches which is 195 percent of the average for this date and 125 percent of the seasonal (April 1) average. Last year at this time, the pack was holding 6.2 inches of water.

At the same time, 21 South Lahontan courses indicated an area-wide snow water equivalent of 26.1 inches which is 175 percent of the average for this date and 115 percent of the seasonal average. Last year at this time, the pack was holding only 5.2 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) over the North Lahontan area averaged 155 percent of normal. Precipitation last month was 240 percent of the monthly average. Seasonal precipitation at this time last year stood at 45 percent of normal.

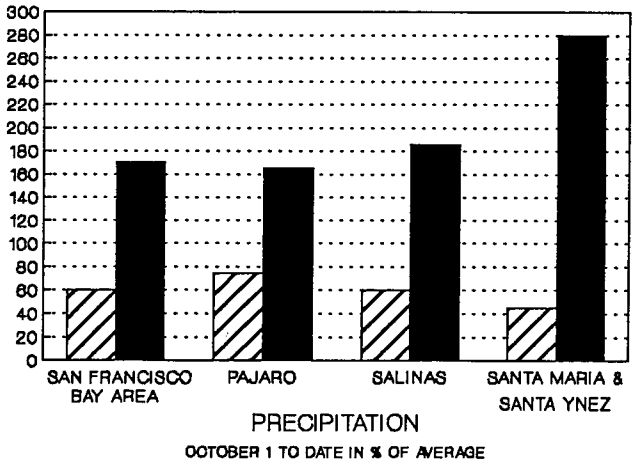
Seasonal precipitation over the South Lahontan area was 230 percent of normal. Last month's precipitation alone was 585 percent of the monthly average! Seasonal precipitation at this time last year stood at 20 percent of average.

RESERVOIR STORAGE - First of the month storage in 5 North Lahontan reservoirs was 108 thousand acre-feet which is 20 percent of average. About 10 percent of available capacity was being used. Storage in these reservoirs at this time last year was 35 percent of average. Lake Tahoe was 0.9 feet below its natural rim on February 1.

First of the month storage in 8 South Lahontan reservoirs was 273 thousand acre-feet, which is 95 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 90 percent of average.

RUNOFF - Seasonal runoff of streams draining the North Lahontan area totaled 121 thousand acre-feet which is 80 percent of average for this period. Last year, runoff for this same period was 45 percent of average.

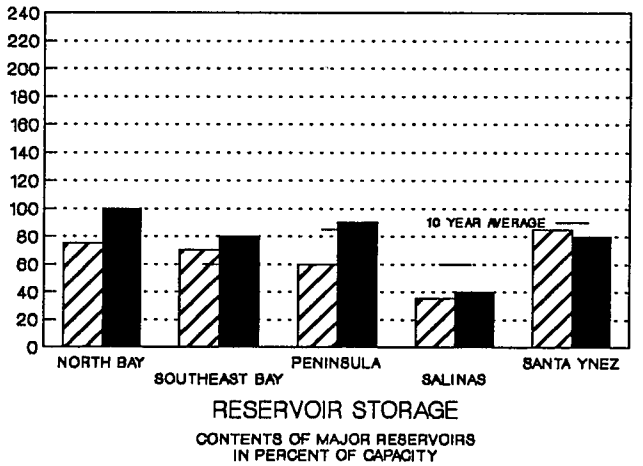
Seasonal runoff of the Owens River in the South Lahontan area totaled 31 thousand acre-feet which is 70 percent of average for this period. Last year, runoff for this same period was 70 percent of average.



SAN FRANCISCO AND CENTRAL COAST AREAS

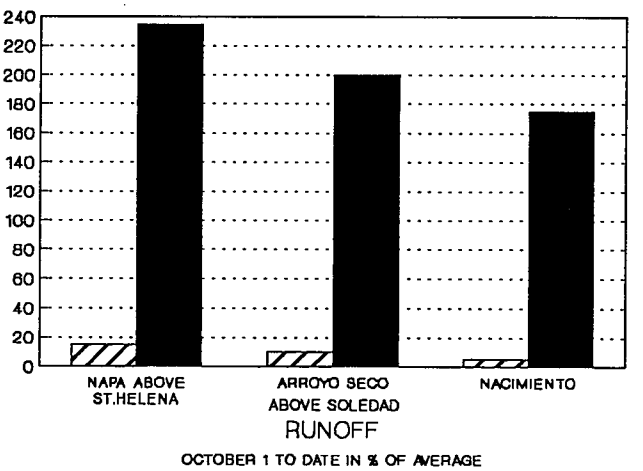
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the San Francisco Bay area was 170 percent of normal. Precipitation last month was 250 percent of the monthly average. Seasonal precipitation at this time last year stood at 60 percent of normal.

Seasonal precipitation on the Central Coast area averaged 210 percent of normal. Precipitation last month was 395 percent of the monthly average! Seasonal precipitation at this time last year stood at 60 percent of normal.



RESERVOIR STORAGE - First of the month storage in 18 major Bay area reservoirs was 594 thousand acre-feet which is 135 percent of average. About 85 percent of available capacity was being used. Storage in these reservoirs at this time last year was 105 percent of average.

First of the month storage in 6 major Central Coast reservoirs was 463 thousand acre-feet which is 80 percent of average. About 50 percent of available capacity was being used. Storage in these reservoirs at this time last year was 80 percent of average.



RUNOFF - Seasonal runoff of the Napa River in the San Francisco Bay area totaled 78 thousand acre-feet which is 235 percent of average for this period. Last year, runoff for this same period was 15 percent of average.

Seasonal runoff of selected Central Coast streams totaled 239 thousand acre-feet which is 185 percent of average for this period. Last year, runoff for this same period was about 10 percent of average.

LAST YEAR THIS YEAR

SOUTH COAST AND COLORADO RIVER AREAS

PRECIPITATION - October through January (seasonal) precipitation on the South Coast area was 190 percent of normal. January precipitation was 395 percent of the monthly average. Seasonal precipitation at this time last year was only 35 percent of normal.

Seasonal precipitation on the Colorado Desert area was 240 percent of normal. Precipitation in January was 440 percent of average. Seasonal precipitation at this time last year stood at 45 percent of average.

RESERVOIR STORAGE - February 1 storage in 29 major South Coast area reservoirs was 1.5 million acre-feet or 125 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 125 percent of average.

On February 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 39 million acre-feet or about 100 percent of average. About 75 percent of available capacity was in use. Last year at this time, these reservoirs were storing 80 percent of capacity.

RUNOFF - Seasonal runoff from selected South Coast streams totaled 31 thousand acre-feet which is 165 percent of average. Runoff from these streams during January totaled 27 thousand acre-feet or 355 percent of average. Seasonal runoff from these streams last year was 70 percent of average.

COLORADO - The February 1 snowpack in the Upper Colorado River basin according to U.S. Natural Resources Conservation Service reports was 95 percent of average and ranges from 90 percent in the Green Basin to 115 percent in the San Juan Basin.

The April through July inflow to Lake Powell is forecast to be 6.9 million acre-feet, which is 89 percent of average.

STATE WATER PROJECT

As of February 1, State Water Project (SWP) conservation storage (Lake Oroville plus the State share of San Luis Reservoir) held 3.78 million acre-feet of water. This is almost 300 thousand acre-feet more than at this same time last year due to storms during this past January. As a result, 3.2 million acre-feet for entitlement deliveries to State water contractors has been approved, which is 100 percent of the current demand.

MAJOR WATER DISTRIBUTION PROJECTS

RESERVOIR STORAGE

(AVERAGES BASED ON PERIOD THROUGH 1990)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	STORAGE AS OF JANUARY 31 1994 1,000 AF	1995 1,000 AF	PERCENT AVERAGE
STATE WATER PROJECT					
Oroville	3,538	2,427	2,410	2,708	112
San Luis SWP	1,062	870	1,067	1,077	124
Lake Del Valle	77	30	25	39	131
Silverwood	73	64	73	72	113
Pyramid Lake	171	162	165	161	100
Castaic Lake	324	248	244	170	69
Perris Reservoir	132	110	120	113	103
CENTRAL VALLEY PROJECT					
Clair Engle Lake	2,448	1,815	1,935	1,565	86
Shasta Lake	4,552	3,182	3,058	3,519	111
Whiskeytown	241	208	206	207	100
Folsom	975	534	355	559	105
New Melones	2,420	1,402	774	606	43
Millerton Lake	520	305	252	402	132
San Luis CVP	977	710	964	713	100
COLORADO RIVER PROJECT					
Lake Mead	26,159	19,864	21,510	20,190	102
Lake Powell	25,002	16,600	18,122	16,843	101
Lake Mohave	1,810	1,595	1,629	1,647	103
Lake Havasu	619	539	554	569	106
EAST BAY MUNICIPAL UTILITY DISTRICT					
Pardee	210	176	185	196	111
Camanche	417	241	279	247	103
East Bay (4 reservoirs)	151	122	118	135	111
CITY & COUNTY OF SAN FRANCISCO					
Hetch Hetchy	360	144	248	176	122
Cherry Lake	268	103	264	164	159
Lake Eleanor	26	9	22	13	146
Peninsula/East Bay (4 reservoirs)	225	157	170	211	133
CITY OF LOS ANGELES (DWP)					
Crowley Lake (Long Valley Reservoir)	183	128	111	134	105
Grant Lake	48	30	20	15	50
Other Aqueduct Storage (6 reservoirs)	83	71	60	64	90

DEPARTMENT OF WATER RESOURCES - CALIFORNIA DATA EXCHANGE CENTER
TELEMETERED SNOW WATER EQUIVALENTS - FEBRUARY 1, 1995

BASIN NAME / STATION NAME	AGENCY	ELEV FEET	APR 1 AVG	INCHES OF WATER EQUIVALENT TODAY	PERCENT OF APR 1	24 HRS AGO	1 WEEK AGO
TRINITY RIVER							
PETERSON FLAT	USBR	7150	----	26.3	----	27.0	26.0
RED ROCK MOUNTAIN	USBR	6700	39.6	58.9	149%	62.1	54.3
BONANZA KING	USBR	6450	40.5	36.2	89%	37.2	37.4
SHIMMY LAKE	USBR	6200	40.3	62.7r	156%	62.7	58.8
MIDDLE BOULDER #3	USBR	6200	28.3	28.7	102%	27.4	31.4
HIGHLAND LAKES	USBR	6030	29.9	38.4	128%	38.5	36.5
SCOTTS MOUNTAIN	USBR	5900	----	27.1	----	26.9	26.7
MUMBO BASIN	USBR	5700	22.4	----	----	----	----
BIG FLAT	USBR	5100	----	26.1	----	26.5	26.4
SACRAMENTO RIVER							
CEDAR PASS	SCS	7100	18.1	21.7	120%	21.6	20.4
BLACKS MOUNTAIN	DWR	7100	----	18.6	----	18.5	----
SAND FLAT	USBR	6750	42.4	41.3	97%	41.3	39.0
MEDICINE LAKE	USBR	6700	----	----	----	----	----
ADIN MOUNTAIN	SCS	6350	13.6	17.2	126%	18.1	17.4
SNOW MOUNTAIN	USBR	5950	27.0	34.8	129%	37.4	37.0e
SLATE CREEK	USBR	5600	29.0	46.9	162%	49.4	45.1
STOUTS MEADOW	USBR	5400	36.0	47.5	132%	48.2	48.1
FEATHER RIVER							
KETTLEROCK	DWR	7300	25.5	32.5	128%	32.8	33.1
GRIZZLY	DWR	6900	29.7	35.4	119%	35.8	35.0
PILOT PEAK	DWR	6800	52.6	65.4r	124%	65.4r	65.9
GOLD LAKE	DWR	6750	36.5	41.4	113%	44.0	42.5
HUMBUG	DWR	6500	28.0	46.2	165%	49.1	46.6
RATTLESNAKE	DWR	6100	14.0	42.5	303%	42.6	40.0
BUCKS LAKE	DWR	5750	44.7	59.5	133%	60.2	58.2
FOUR TREES	DWR	5150	20.0	37.6	188%	38.3	36.2
YUBA & AMERICAN RIV							
LAKE LOIS	DWR	8800	----	53.6	----	54.2	51.0
SCHNEIDERS	SMUD	8750	34.5	47.2	137%	47.3	43.9
CAPLES LAKE COURSE	USBR	7800	30.9	37.1	120%	37.7	33.4
ALPHA	SMUD	7600	35.9	43.5	121%	43.5e	40.7e
BETA	DWR	7600	----	40.6	----	41.1	37.6
FORNI RIDGE	USBR	7600	37.0	40.7	110%	40.7	37.8
SILVER LAKE	USBR	7100	22.7	31.0	136%	31.1	28.3
CENT SIERRA SNOW LAB	USFS	6950	33.6	43.1	128%	43.2	41.1
HUYSINK	USBR	6600	42.6	----	----	----	----
VAN VLECK	SMUD	6700	35.9	43.2	120%	42.6	40.8
ROBBS SADDLE	SMUD	5900	21.4	29.7	139%	30.2	27.1
GREEK STORE	USBR	5600	21.0	32.9	157%	32.9	29.3
BLUE CANYON	USBR	5280	9.0	15.6	173%	16.5	14.2
ROBBS POWERHOUSE	SMUD	5150	5.2	11.7	225%	12.2	11.1
MOKEL. & STANIS. RIV							
DEADMAN CREEK	USBR	9250	37.2	31.0	83%	31.1	28.4
HIGHLAND MEADOW	USBR	8800	47.9	45.1	94%	45.1	41.3
GIANELLI MEADOW	USBR	8350	55.5	49.2	89%	49.2	46.3
LOWER RELIEF VALLEY	DWR	8100	41.2	46.2	112%	46.2	43.6
BLUE LAKES	SCS	8000	33.1	34.4	104%	34.2	31.7
MUD LAKE	SMUD	7900	44.9	51.5	115%	53.1	52.0
STANISLAUS MEADOW	USBR	7750	47.5	51.7	109%	51.3	46.9
BLOODS CREEK	USBR	7200	35.5	60.2	170%	60.2	55.9
BLACK SPRINGS	USBR	6500	32.0	52.2	163%	52.5	47.0
TUOLUMNE & MERCED R.							
DANA MEADOWS	DWR	9800	27.7	29.8	108%	29.8	28.5
SLIDE CANYON	DWR	9200	----	40.6	----	41.2	38.6
SNOW FLAT	DWR	8700	44.1	44.0	100%	43.0	40.0
TUOLUMNE MEADOWS	DWR	8600	22.6	20.6	91%	20.6	19.4
HORSE MEADOW	DWR	8400	48.6	43.1	89%	43.1	40.5
OSTRANDER LAKE	DWR	8200	34.8	37.2	107%	37.2	34.6
PARADISE	DWR	7650	----	41.8	----	42.5	39.9
GIN FLAT	DWR	7050	34.2	29.6	87%	29.4	26.5
LOWER KIBBIE	DWR	6600	27.4	27.6	101%	28.9	25.0
SAN JOAQUIN RIVER							
VOLCANIC KNOB	USBR	10100	30.1	26.8	89%	26.8	25.5
AGNEW PASS	USBR	9450	32.3	33.0	102%	33.0	32.4
KAISER POINT	USBR	9200	37.8	----	----	----	----
GREEN MOUNTAIN	USBR	7900	30.8	----	----	----	----

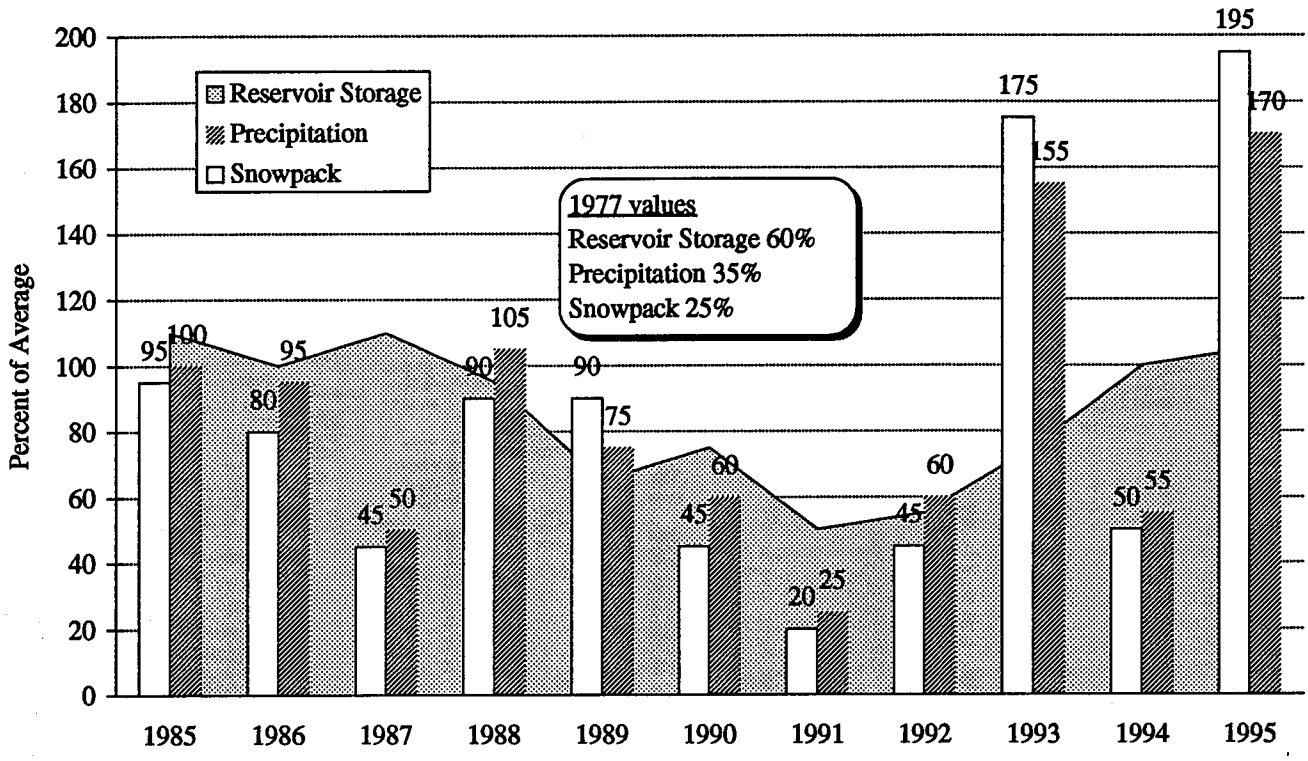
DEPARTMENT OF WATER RESOURCES - CALIFORNIA DATA EXCHANGE CENTER
TELEMETERED SNOW WATER EQUIVALENTS - FEBRUARY 1, 1995

BASIN NAME / STATION NAME	AGENCY	ELEV FEET	APR 1 AVG	TODAY	INCHES OF WATER EQUIVALENT PERCENT OF APR 1	24 HRS AGO	1 WEEK AGO
TAMARACK SUMMIT	USBR	7600	30.5	35.2	116%	35.2	33.9
CHILKOOT MEADOW	USBR	7150	38.0	42.9	113%	42.9	40.2
HUNTINGTON LAKE	USBR	7000	20.1	27.6	137%	27.6	26.2
GRAVEYARD MEADOW	USBR	6900	18.8	----	----	----	----
POISON RIDGE	USBR	6900	28.9	36.6	127%	36.6	34.4
KINGS RIVER							
BISHOP PASS	DWR	11200	----	----	----	----	----
CHARLOTTE LAKE	DWR	10400	----	22.7	----	22.7	21.4
STATE LAKES	COE	10400	29.0	----	----	----	----
MITCHELL MEADOW	COE	10375	32.9	30.8	94%	30.8	----
BLACKCAP BASIN	USBR	10300	34.3	33.3	97%	34.0	32.7
UPPER BURNT CORRAL	DWR	9700	34.6	39.9	115%	39.9	38.6
WEST WOODCHUCK MDW	COE	9100	32.8	----	----	----	----
BIG MEADOWS	DWR	7600	25.9	----	----	----	----
KAWEAH & TULE RIVERS							
QUAKING ASPEN	DWR	7200	21.0	27.8	133%	27.8	26.4
GIANT FOREST	COE	6400	10.0	15.4	154%	15.7	----
KERN RIVER							
UPPER TYNDALL CREEK	COE	11500	27.7	----	----	----	----
CRABTREE	DWR	10700	19.8	13.6	68%	13.6	12.7
CHAGOOPA PLATEAU	DWR	10300	21.8	19.6	90%	19.6	18.9
PASCOES	COE	9150	24.9	30.6	123%	30.6	----
TUNNEL	DWR	8950	15.6	15.3	98%	15.3	14.6
WET MEADOW	COE	8900	30.3	----	----	----	----
CASA VIEJA MDW	DWR	8400	20.9	17.1	82%	17.1	17.7
BEACH MEADOW	DWR	7650	11.0	13.0	118%	13.1	12.4
SURPRISE VALLEY AREA							
DISMAL SWAMP	SCS	7050	29.2	26.4	90%	27.5	24.7
TRUCKEE RIVER							
MOUNT ROSE SKI AREA	SCS	8850	38.5	45.0	117%	44.9	43.1
INDEPENDENCE LAKE	SCS	8450	41.4	44.4	107%	44.1	42.3
BIG MEADOWS	SCS	8700	25.7	24.0	93%	23.8	22.8
SQUAW VALLEY GOLD C	SCS	7800	46.5	69.7	150%	67.3	64.0
INDEPENDENCE CAMP	SCS	7000	21.8	23.8	109%	23.4	22.5
INDEPENDENCE CREEK	SCS	6500	12.7	15.8	124%	16.1	15.2
LAKE TAHOE BASIN							
HEAVENLY VALLEY	SCS	8800	28.1	----	----	----	----
HAGANS MEADOW	SCS	8000	16.5	19.2	116%	19.4	18.6
MARLETTE LAKE	SCS	8000	21.1	29.3	139%	29.9	28.2
ECHO PEAK	SCS	7800	39.5	55.5	141%	54.8	50.2
RUBICON NO. 2	SCS	7500	29.1	29.5	101%	29.5	27.0
WARD CREEK NO. 3	SCS	6750	39.4	38.1	97%	38.0	34.8
FALLEN LEAF LAKE	SCS	6300	7.0	9.1	130%	9.6	9.4
CARSON RIVER							
EBBETTS PASS	SCS	8700	38.8	38.4	99%	38.4	35.4
POISON FLAT	SCS	7900	16.2	19.6	121%	19.7	19.1
WALKER RIVER							
VIRGINIA LAKES RIDGE	SCS	9200	20.3	16.1	79%	16.1	15.1
LOBDELL LAKE	SCS	9200	17.3	15.6	90%	15.6	14.8
SONORA PASS BRIDGE	SCS	8750	26.0	25.2	97%	25.0	23.9
LEAVITT MEADOWS	SCS	7200	8.0	12.4	155%	12.6	13.2
OWENS RIVER/MONO LK.							
GEM PASS	LADWP	10750	31.7	44.4	140%	44.4	43.8
SAWMILL MEADOW	DWR	10300	19.4	15.4	80%	15.4	15.4
COTTONWOOD LAKES	LADWP	10200	11.6	10.1	87%	10.3	10.3
BIG PINE #3	LADWP	9800	17.9	14.4	80%	14.4	13.7
SOUTH LAKE	LADWP	9600	16.0	13.9	87%	13.9	13.8
MAMMOTH PASS (6T)	USBR	9500	42.4	39.0	92%	38.6	36.4
MAMMOTH PASS (RP)	USBR	----	----	----	----	----	38.6
ROCK CREEK	LADWP	8200	----	9.7	----	9.7	11.2

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE

AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY
CENTRAL VALLEY NORTH	45	70	90	100	75
CENTRAL VALLEY SOUTH	45	65	85	100	80
NORTH COAST	40	60	85	100	80

February 1 Statewide Conditions



❄❄❄❄❄ SNOWLINES ❄❄❄❄

SNOW SURVEYS and the Department of Water Resources are forging ahead with new technology for distributing information. The Department has its very own "home page" on the World Wide Web. The address is http://wwwdwr.water.ca.gov. Water supply forecasts and other graphical products are available as close as your nearest modem and Internet provider.

SNOW SURVEYS DATALINE is (916) 653-8292. If your normal method of reporting data is by telephone please leave your message by course number first, the course name, the date, the average depth and average water content. Remember, the date of measurement is important. For sensor data, the information is in the same order followed by snow manometer, precipitation manometer, if appropriate. For all other business please call the appropriate individual for the quickest response:

Frank Gehrke, Chief	916-653-8255
Dave Hart, Field Activities Coordinator	916-653-4541
Matt Colwell, Water Supply Forecasts	916-653-8273
Dudley McFadden, Water Supply Forecasts	916-653-0881
Bob Newton, Full Natural Flow	916-653-9485
Shawn Perkins, Precipitation	916-653-8239

THE WESTERN SNOW CONFERENCE meeting will be held in Reno, NV April 17-20. There is an interesting article regarding the conference and other "snow" issues in the January 1995 issue of the "The Atlantic Monthly".

SNOWPACK - Snow data is a major index of spring and summer runoff from Sierra Nevada watersheds. April 1 data historically reflects the magnitude of the snowpack at or near the maximum seasonal accumulation. Averages are based on April 1 data for the period 1941-1990 (50 years, except for data sites established after 1941).

PRECIPITATION - averages are based on April 1 data for the period 1941-1990 (50 years, except for data sites established after 1941).

RUNOFF AND FORECASTS - Runoff data and runoff forecasts are shown as unimpaired values. Unimpaired runoff represents the natural water production of a river basin, unaltered by upstream diversions, storage, or by export or import of water to or from other watersheds. Forecast of runoff assumes median conditions subsequent to the date of forecast.

Runoff probability ranges are statistically derived from historical data. The 80 percent probability range is comprised of the 90 percent exceedence level value and the 10 percent exceedence level value. This means that actual runoff should fall within the stated limits eight times out of ten.

Runoff averages for ;most streams are based on the 50 year period 1941-1990. For more details contact California Cooperative Snow Surveys, P.O. Box 942836, Sacramento, CA 94236-0001, (916) 653-8255.

On the front cover:
Resources Secretary Douglas Wheeler announcing a drought watch at the May snow survey 1993-94 water year.

Photo by Patrick Knisely, Metropolitan Water District of Southern California

State of California—The Resources Agency
DEPARTMENT OF WATER RESOURCES
P.O. Box 942836
Sacramento CA 94236-0001

FIRST CLASS