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NEVADA CLIMATE SUMMARY

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SYNOPSIS

September 1993 was drier than normal over all of Nevada, with no precipitation falling at many locations. At Reno, September 30th marked the 102nd consecutive dry day, ranking below only 1954 (111 days) and 1889(120 days) in a 106 year-long record. This was also the seventh warmest September at Reno ~~and~~ with temperatures 5 degrees above normal. In the remainder of the State temperatures were generally ~~averaged~~ within a couple of degrees of normal.

TEMPERATURE

The unusual warmth in the Far West was the outstanding temperature feature this month. A close second was the cold and large diurnal temperature spread at Pine Valley, south of Carlin. The temperature dropped to 4 degrees on the 14th and 25th (State Sept. record is 0 degrees at Carlin in 1895) with highs in the mid 60's both days. An 8 degree low on the 27th was followed by a 75 degree high that day for a 67 degree temperature spread. The State record is a 75 degree spread, from 12 to 87 degrees on September 21, 1954 at Death.

Extreme highs were not near the record of 118 degrees at Rioville (now under Lake Mead) in 1888, as Cottonwood Cove ~~it was~~ HAD 112 degrees on the 9th, with 110 degrees at Boulder Beach, Callville Bay, Amargosa Valley, and Overton.

PRECIPITATION

In this dry month the only ~~place~~ PLACES that received over two-thirds of an inch of precipitation were near the northern State border, where Rowland had .90" and IL Ranch .73", and near ~~the eastern State line~~ UTAH where Great Basin NP logged .81". Even those figures were below September normals. Except for the Northeast, Summer 1993 will be logged as one of the driest on record in Nevada.

THE 1992-93 WATER YEAR (OCT 1, 1992-SEPT 30, 1993)

The 1992-93 Water Year left a mixed legacy for Nevada. Was it a so-called "drought buster" year? Only in the South, where precipitation was about 180% of normal this year, after the very wet 1991-92 Water Year. The two years back to back were among the wettest in 95 years of record at Las Vegas. The drought worsened in the Central portion of the Silver State, as precipitation was generally less than 75% of normal. In the remainder of the State the 1992-93 Water Year brought a little above normal precipitation to most locations.

East slope Sierra Nevada areas received about 120% of normal, the Northwest 120%, the Northeast 115%, with some far Western Valleys getting only 95% of normal. For example, Reno had only 7.25", and a normal of 7.53" for 96% of normal. The statewide average for the 1992-93 Water Year was about 110-115% of normal, ranging from only 55% at Dyer to 195% of normal at Searchlight.

1992-93 WATER YEAR

HIGHEST TOTALS		HIGHEST PERCENT OF NORMAL	
26.41"	Incline ~~(117%)~~	196%	Searchlight
26.28	Vya	186%	Denio
22.77	Jarbidge	184%	Las Vegas
17.06	Denio		

LOWEST TOTALS		LOWEST PERCENT OF NORMAL	
2.82	Dyer	55%	Dyer
3.53	Silverpeak	62%	Tonopah AP
3.51	Tonopah AP	64%	Eureka

SUN, WIND & EVAPORATION

It was a very sunny month as sunshine hours were near normal in the West, but above normal elsewhere, as Reno logged 93% of the possible hours (92% is normal), Ely had 92% (82% is normal), and Las Vegas was nearly cloud-free all month, with 98% of the possible hours with a normal of 91%.

Wind speeds were near normal Statewide ~~and~~ as this relatively "calm" month was just that, with no high wind gusts reported.

Evaporation was a little above normal during September, with 12.45" of pan evaporation at Silverpeak, 11.94" at Overton, 9.44" atPahrump and 9.24" at Caliente. UNR had 7.50", Fallon 6.85, Ruby Lake 6.65, Honey Lake Fleming 5.98", Minden 5.37", and Shoshone 4.62".

<u>NOTE:</u> Nevada October Temperature Extereme?
HIGH 109 degrees at Cottonwood Cove on October 1, 1980
LOW -10 degrees at Mountain City on October 27, 1970

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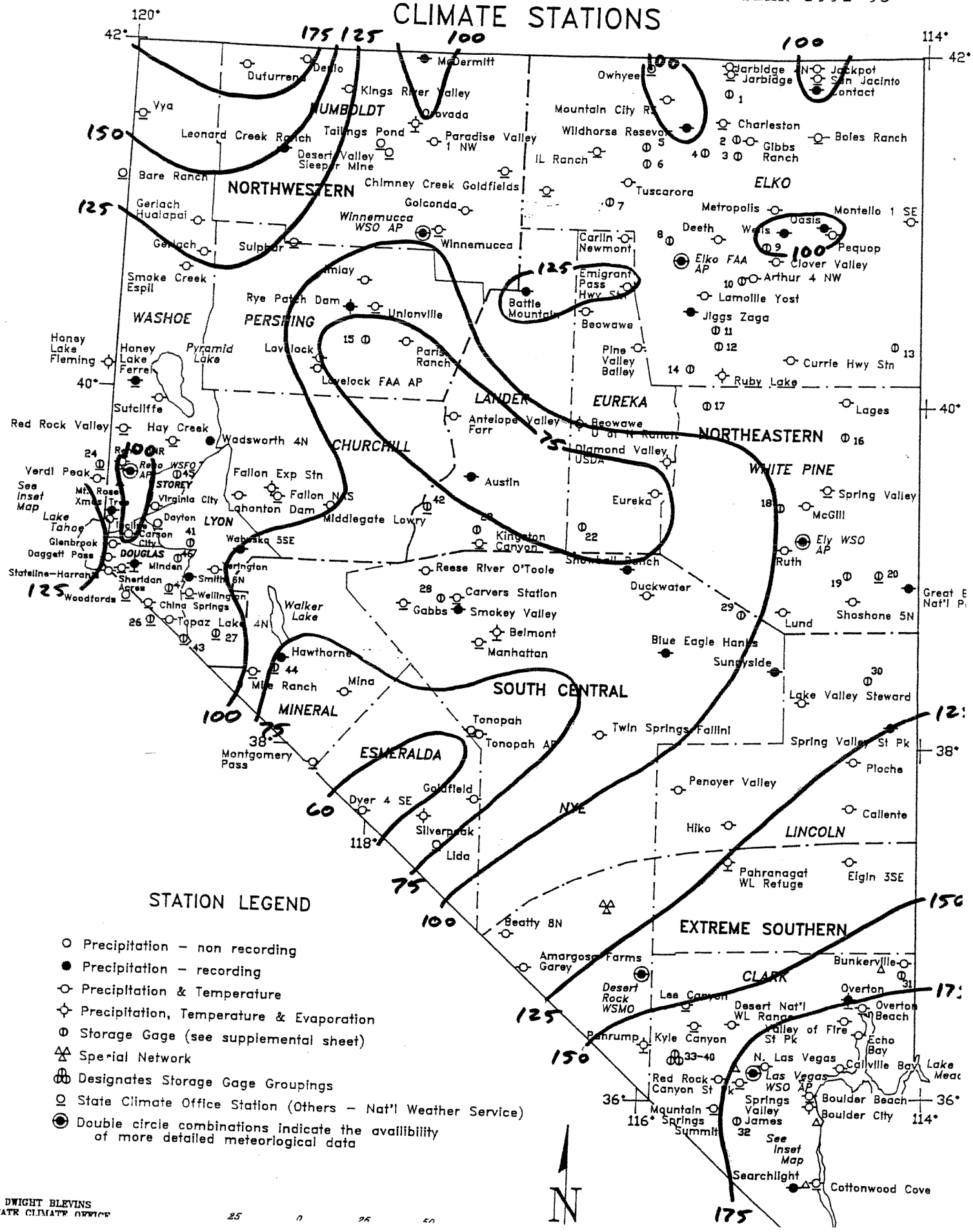
NEVADA

PERCENTAGE OF NORMAL PRECIPITATION FOR WATER YEAR 1992-93

CLIMATE STATIONS



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