

**From:** Tom Scott  
**To:** Parr, Kenneth  
**Date:** 9/2/2004 9:56:21 AM  
**Subject:** EIS/EIR shortages for Newlands

Kenneth,

To clarify Tuesday's discussion of Newland's Project shortages.

Shortages occur in 9 out of 100 years in the EIS/EIR studies.

Average No Action shortage is 90,600 acre-feet

Average Localws shortage is 91,700 acre-feet

Average TROA shortage is 90,800 acre-feet

Largest one year increase in shortage between No Action and TROA is 7,200 acre-feet (7 out of the 9 years TROA has slightly less shortages than No Action, resulting in the averages being so close).

For additional info, see table 3.13 on page 3-91 of the EIS/EIR for water right demands, average supply, minimum supply, and demand met in minimum supply year. This table shows no effects from TROA to the Newlands Project.

Tom

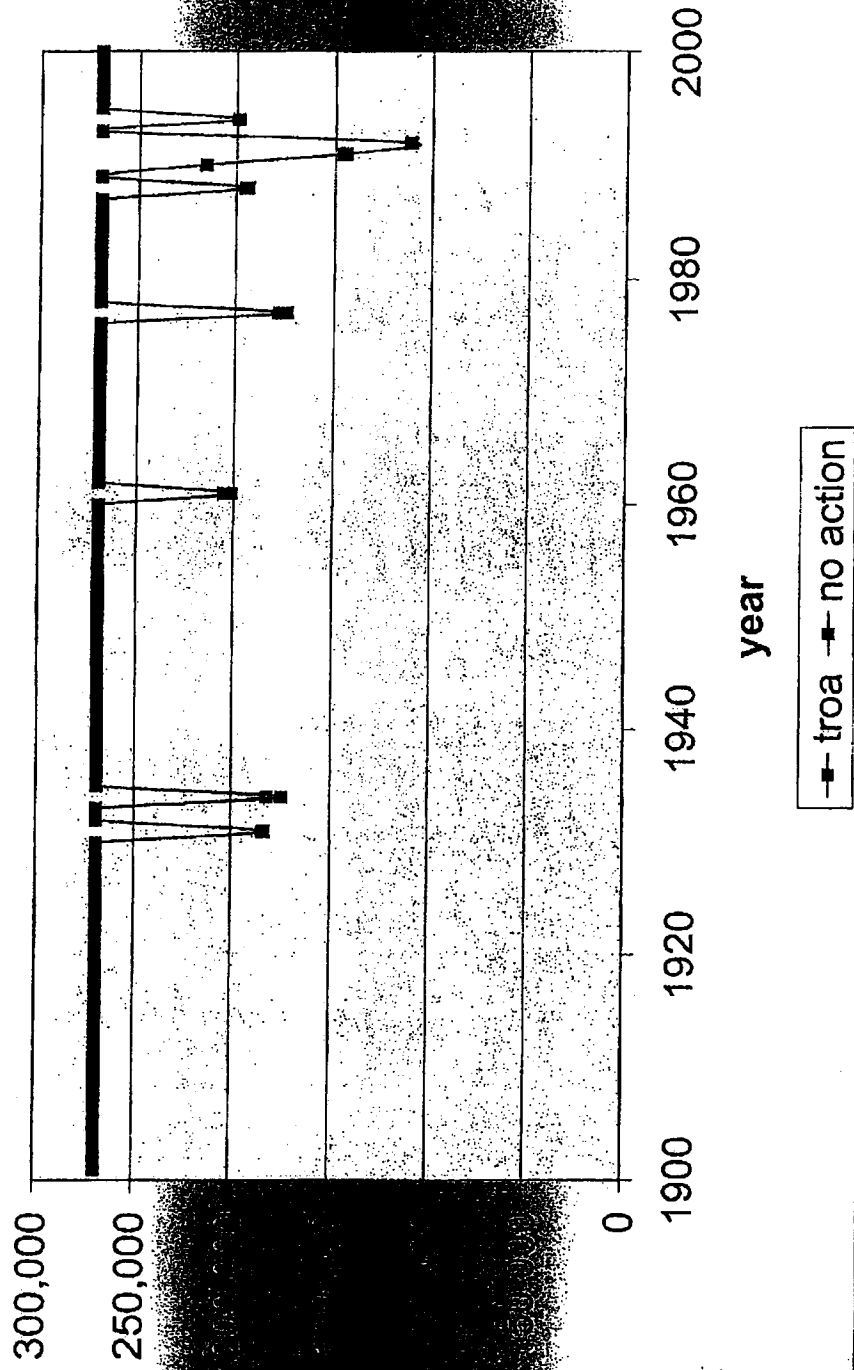
**CC:** Rieke, Elizabeth



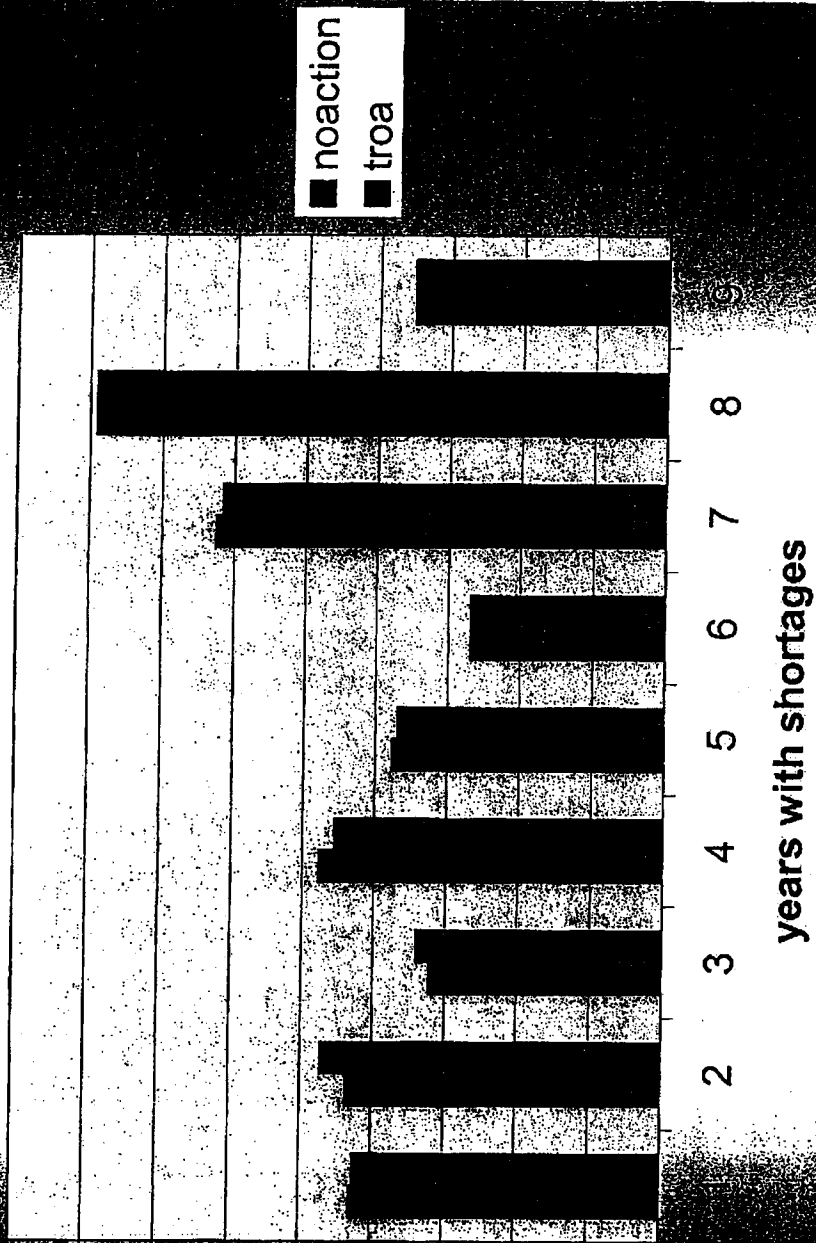
CARSON DIVISION SHORTAGE YEARS

	noaction (1000 af)	troa (1000 af)	difference (1000 af)
1931 SHORTAGE	86.0	85.1	0.9
1934 SHORTAGE	87.3	94.4	-7.2
1961 SHORTAGE	64.3	68.0	-3.8
1977 SHORTAGE	95.3	91.2	4.2
1988 SHORTAGE	75.2	73.8	1.4
1990 SHORTAGE	53.8	53.7	0.1
1991 SHORTAGE	125.0	123.2	1.8
1992 SHORTAGE	158.3	158.1	0.2
1994 SHORTAGE	70.3	70.2	0.1
average shortage	90.6	90.8	-0.2
1931 SUPPLY	182.9	183.8	
1934 SUPPLY	181.6	174.4	
1961 SUPPLY	204.6	200.8	
1977 SUPPLY	173.6	177.7	
1988 SUPPLY	193.6	195.1	
1990 SUPPLY	215.1	215.2	
1991 SUPPLY	143.9	145.7	
1992 SUPPLY	110.6	110.8	
1994 SUPPLY	198.6	198.7	

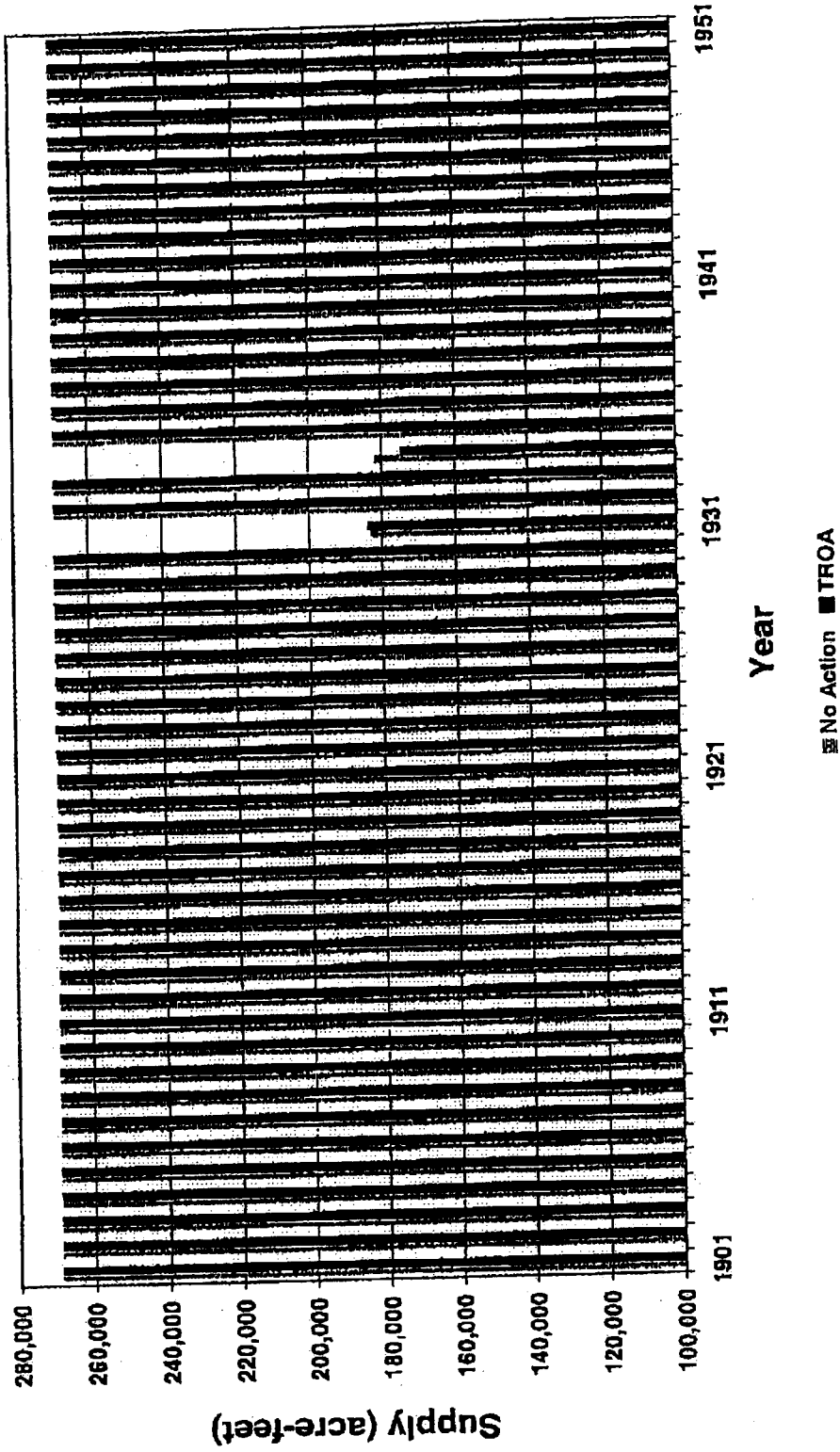
# Releases for Newlands Project Demands



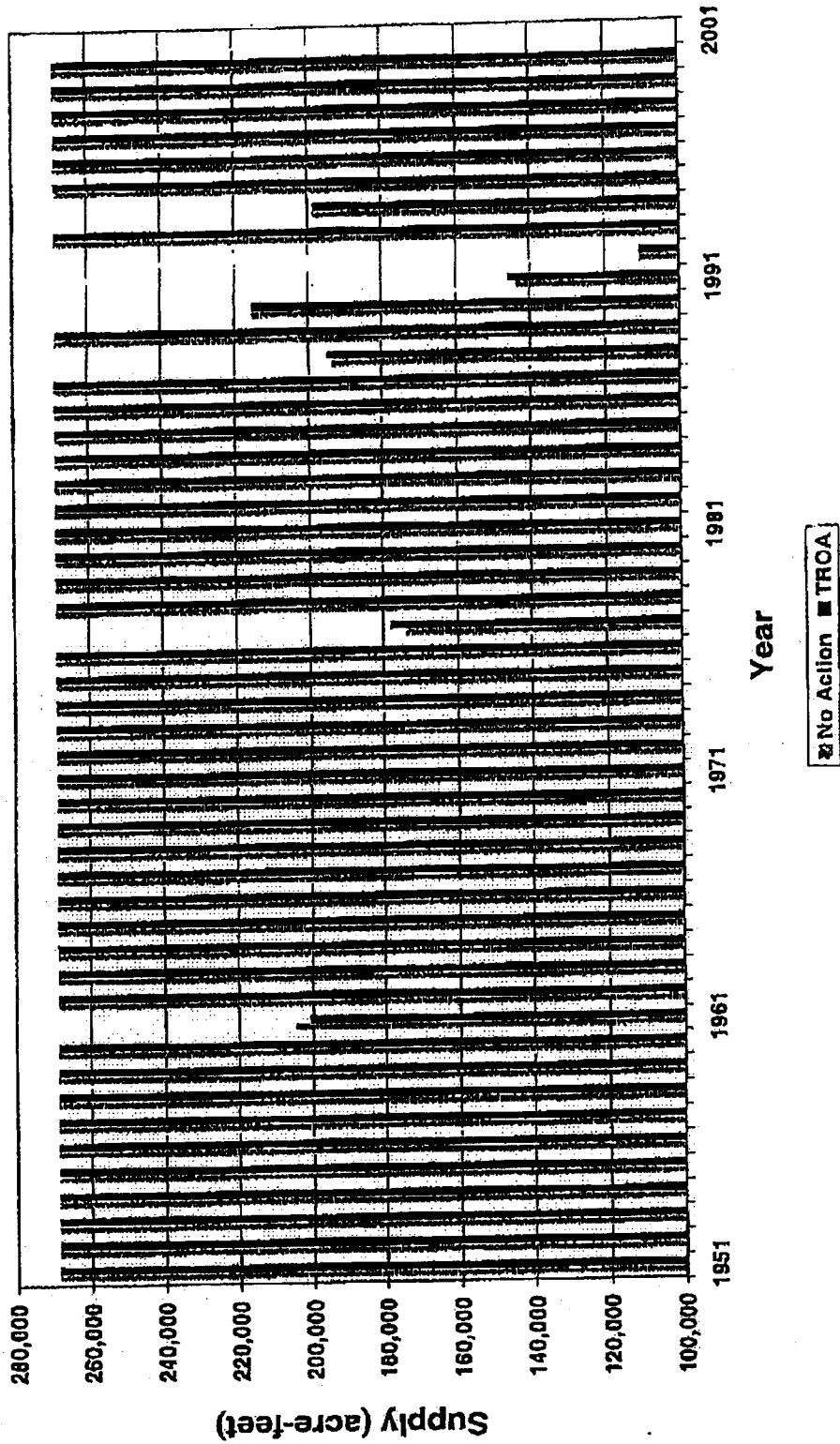
# Newlands Project Shortages



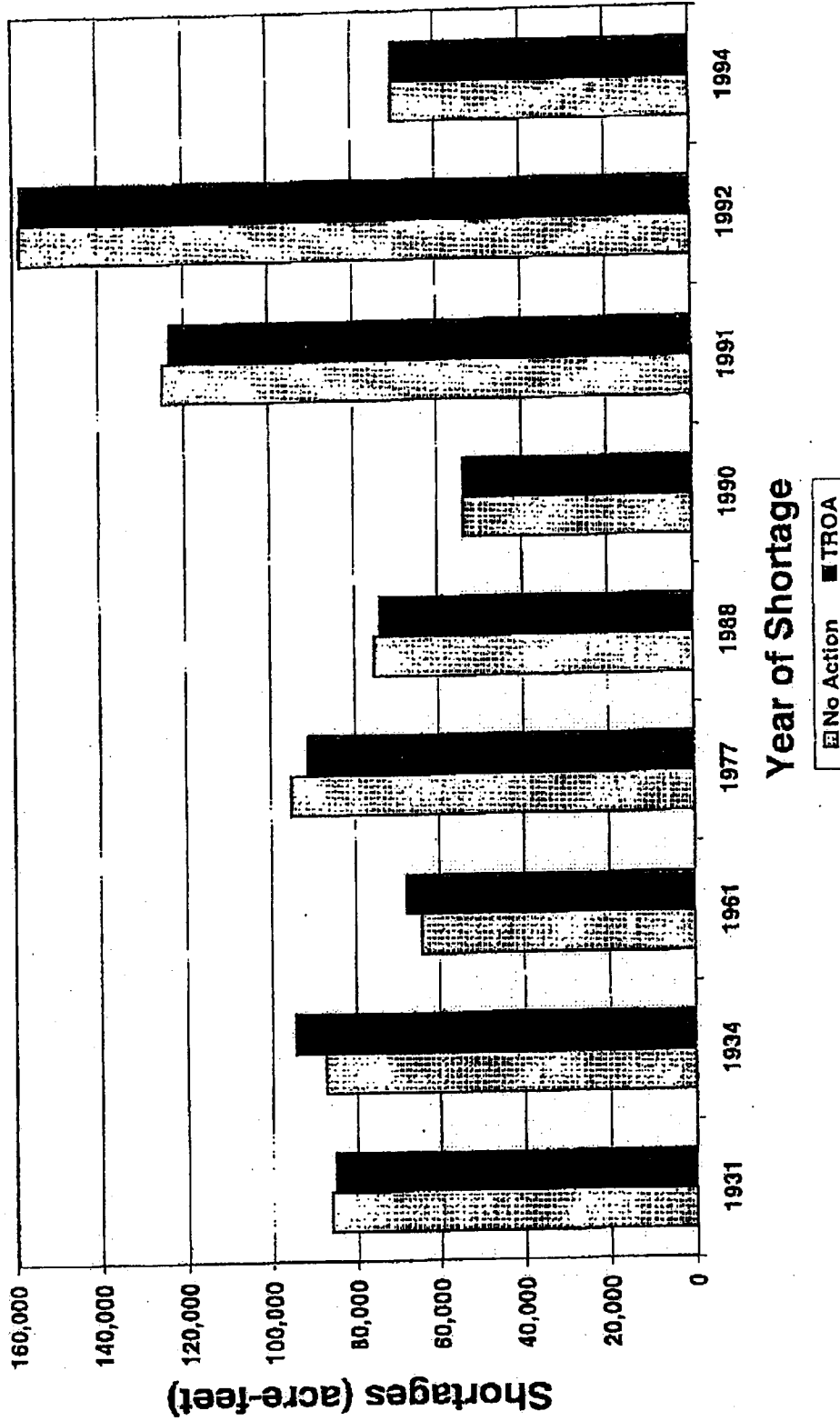
# Carson Division Supply



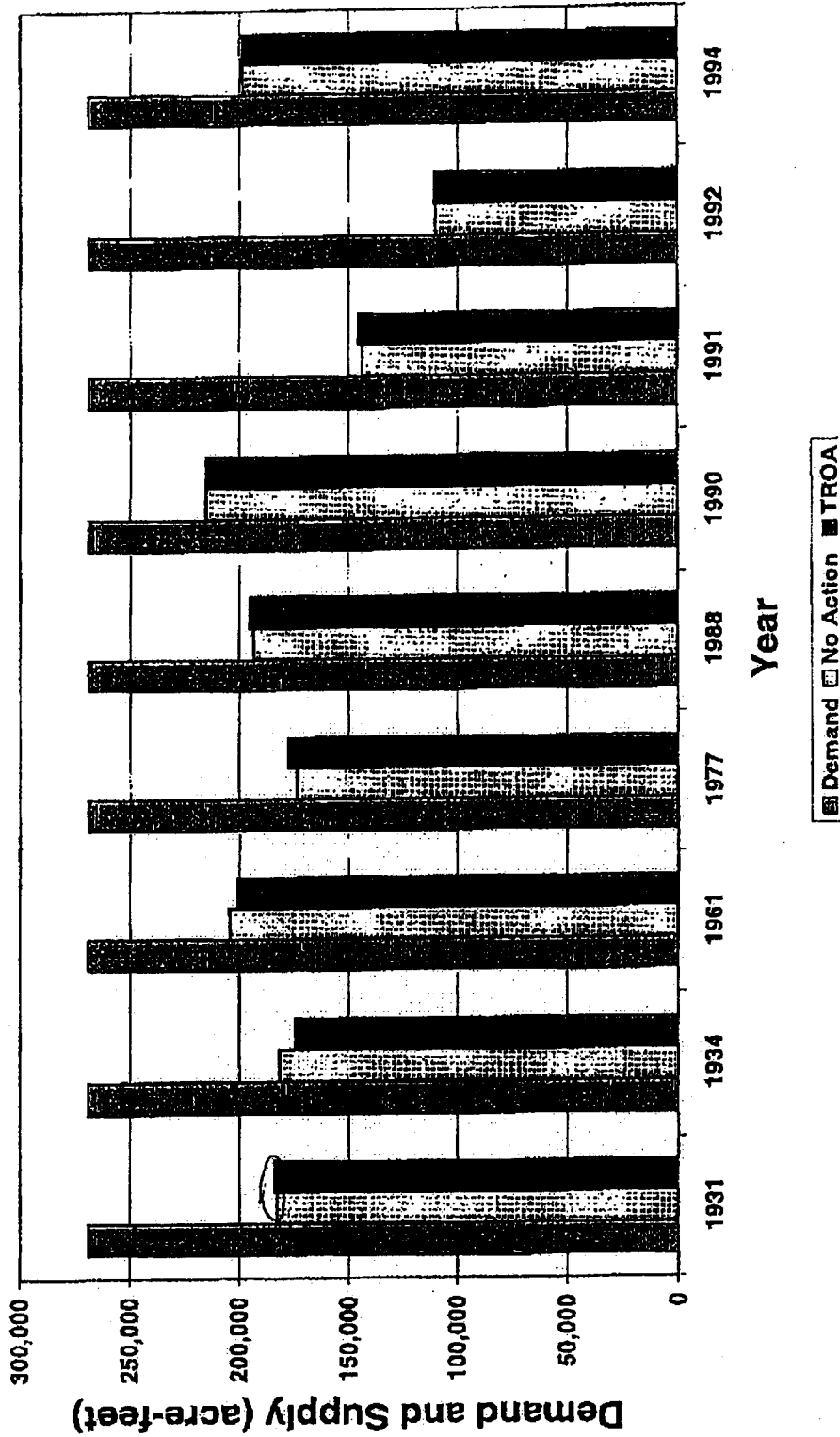
# Carson Division Supply



# Carson Division Shortages

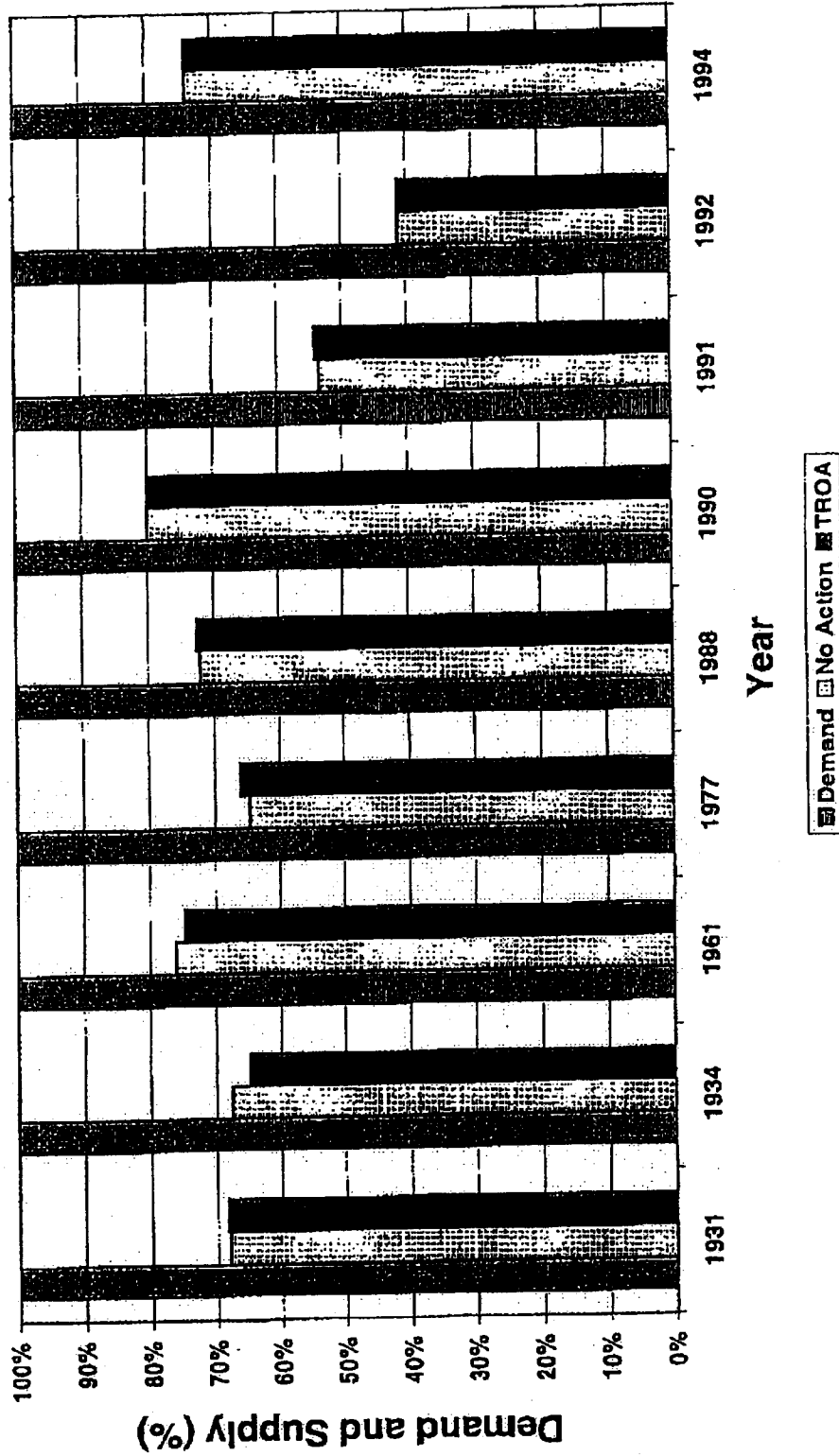


# Carson Division Supply





# Carson Division Supply

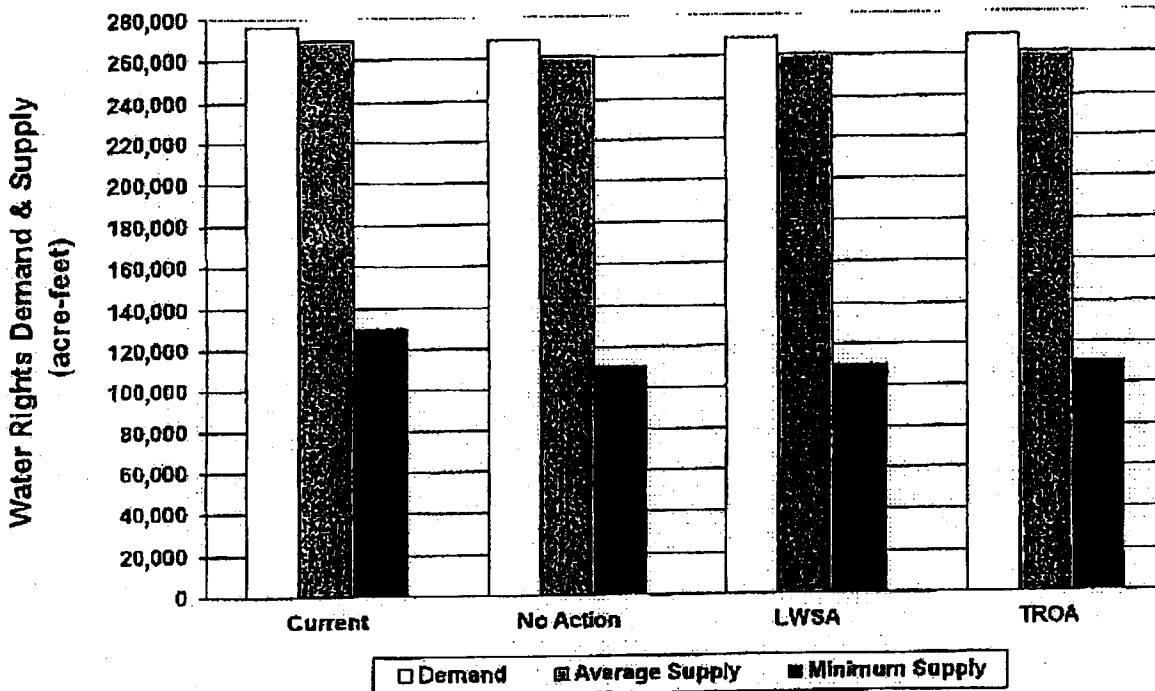


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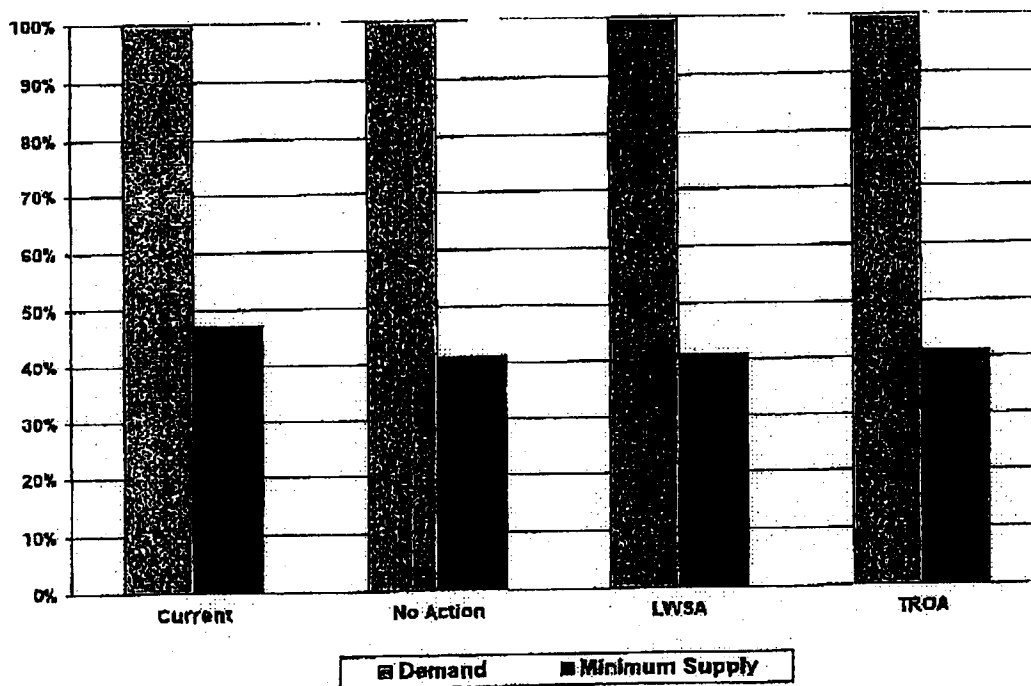
2000

2000

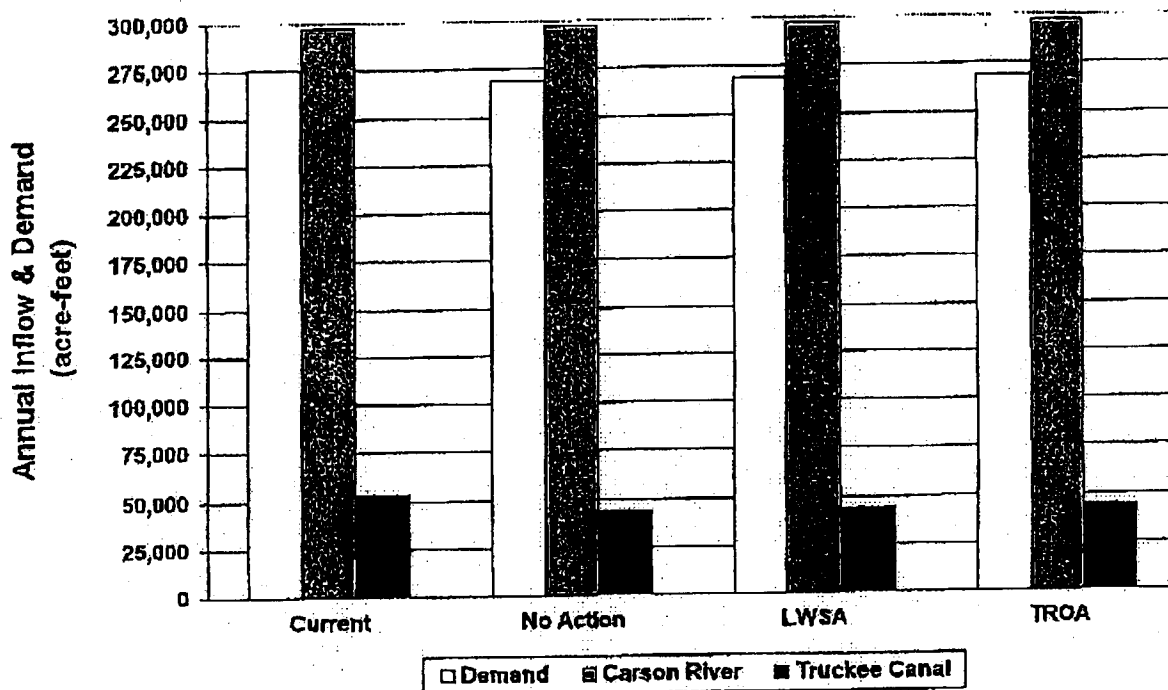
### Newlands Project - Carson Division



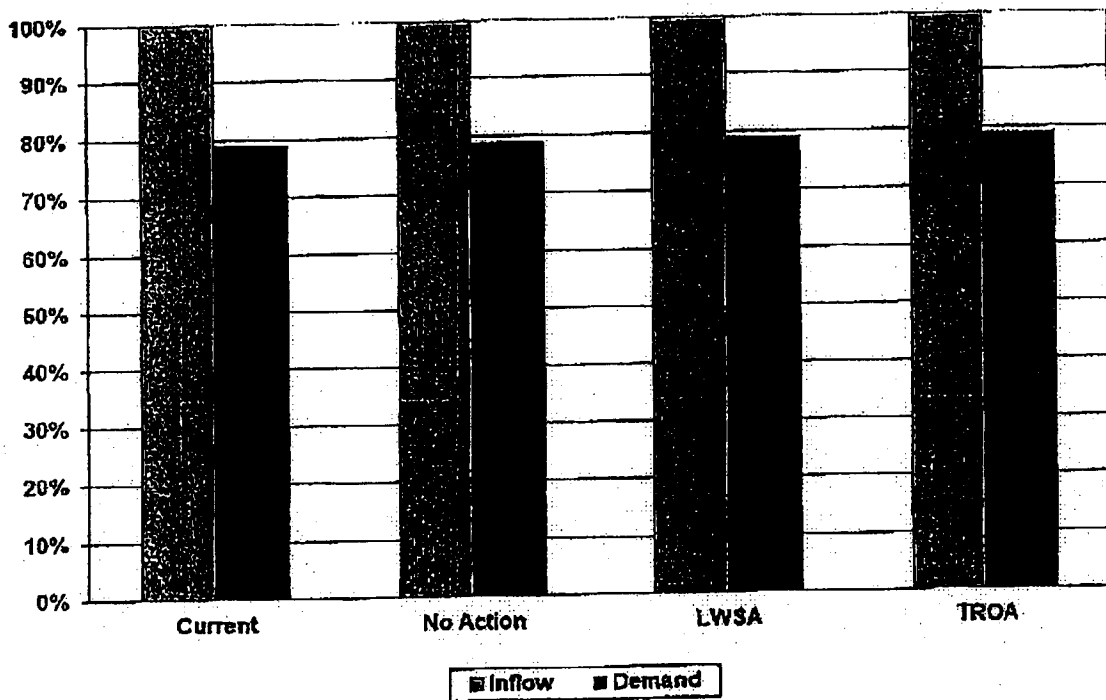
### Newlands Project - Carson Division



### Lahontan Reservoir



### Lahontan Reservoir



# TRUCKEE AND CARSON RIVER BASINS

