

# Wet Gold Assessment of Water Conditions

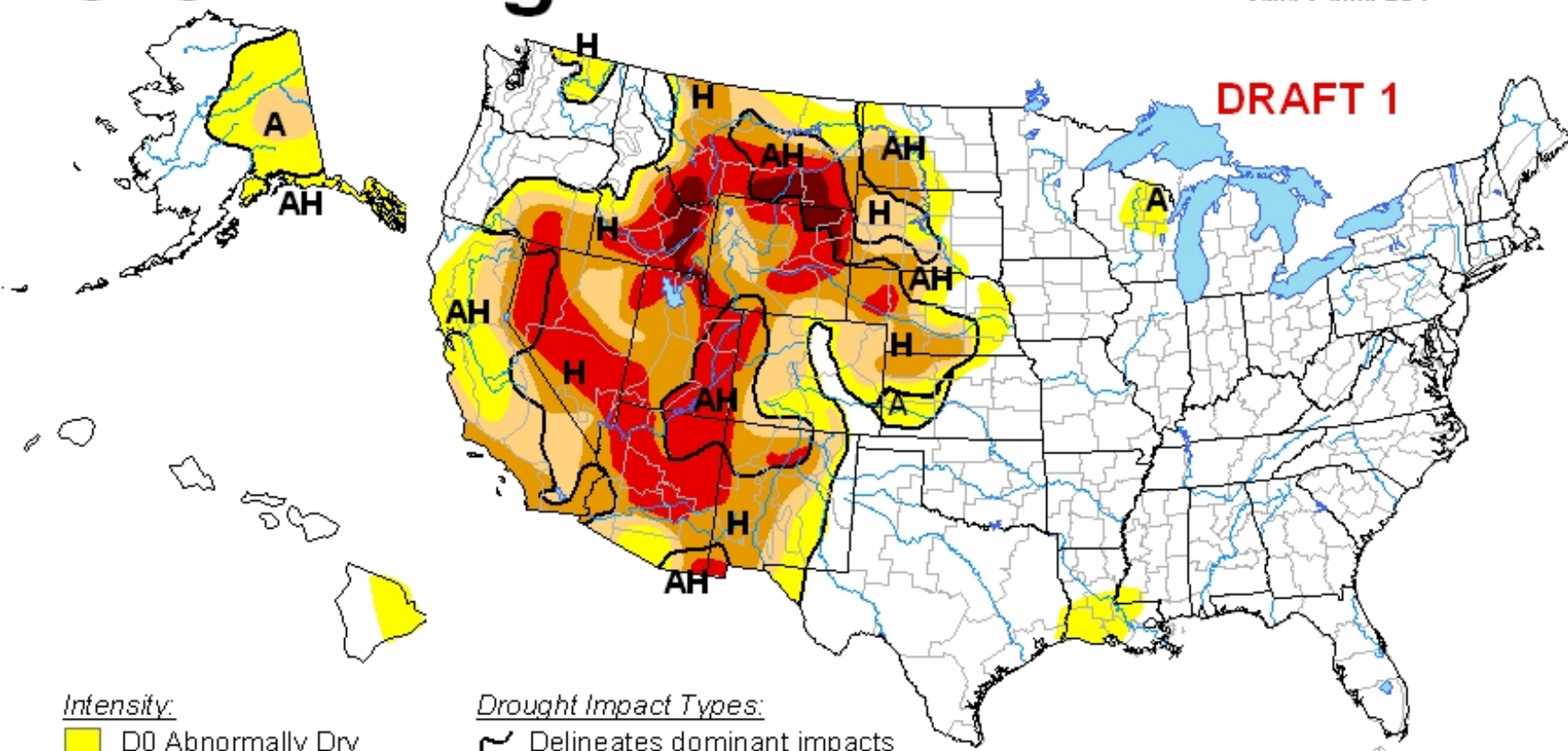
David Brandon  
Hydrologist In Charge  
Colorado Basin River Forecast Center  
National Weather Service  
September 16, 2004








# U.S. Drought Monitor

September 14, 2004


Valid 8 a.m. EDT



## Intensity:

-  D0 Abnormally Dry
-  D1 Drought - Moderate
-  D2 Drought - Severe
-  D3 Drought - Extreme
-  D4 Drought - Exceptional

## Drought Impact Types:

-  Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)
- (No type = Both impacts)

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

<http://drought.unl.edu/dm>



**Released Thursday, September 16, 2004**

Author: Douglas Le Comte, CPC/NOAA

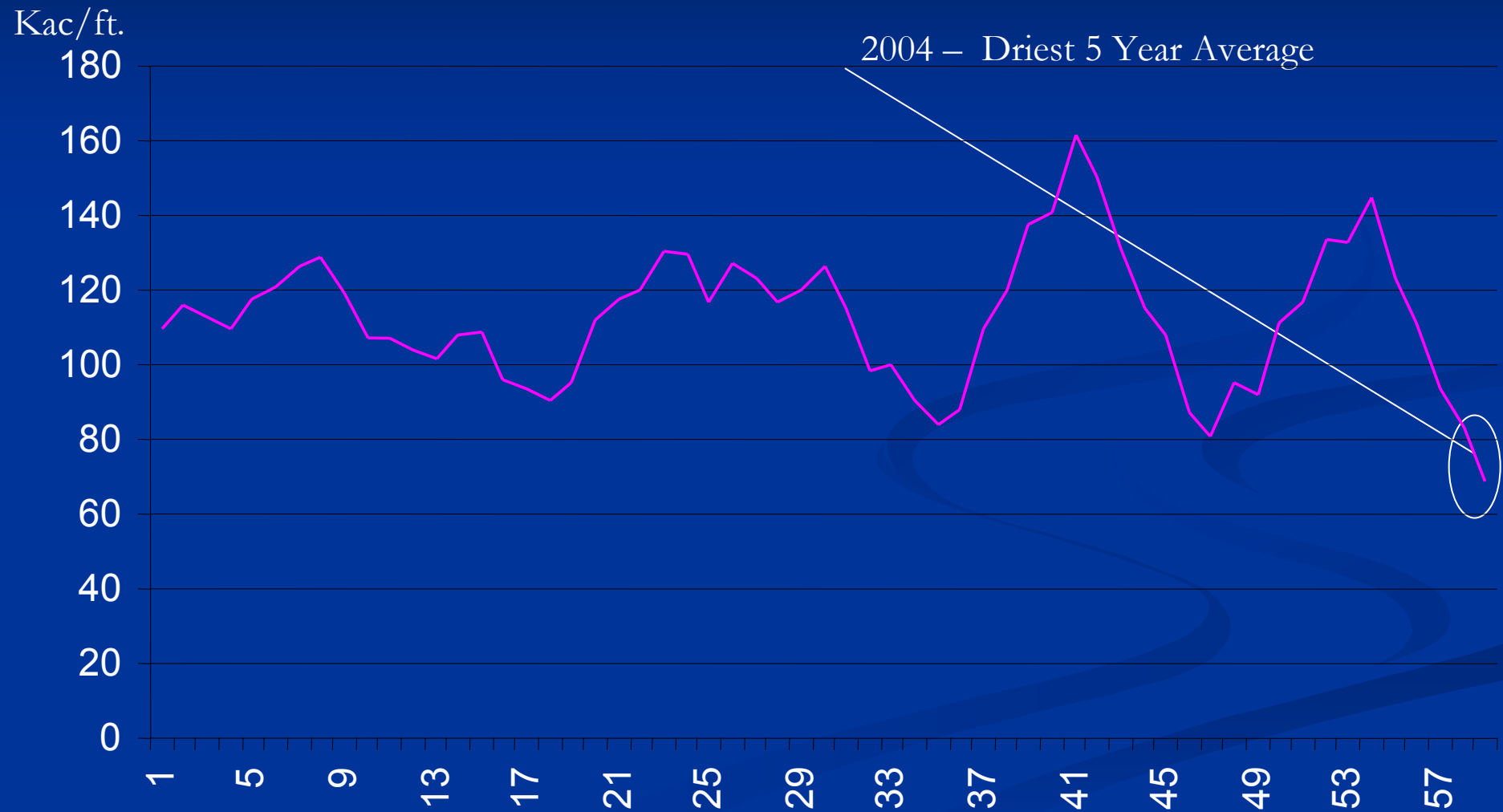
# Reservoir Storage for 13 Northern Utah Reservoirs

Today:	34% of Average
Last Year:	19% of Average
Fall 1992:	33% of Average

For example: The reservoir storage today is only 34% of where the storage would usually be at this time of year.

# Bear River 5 Year Average Flow

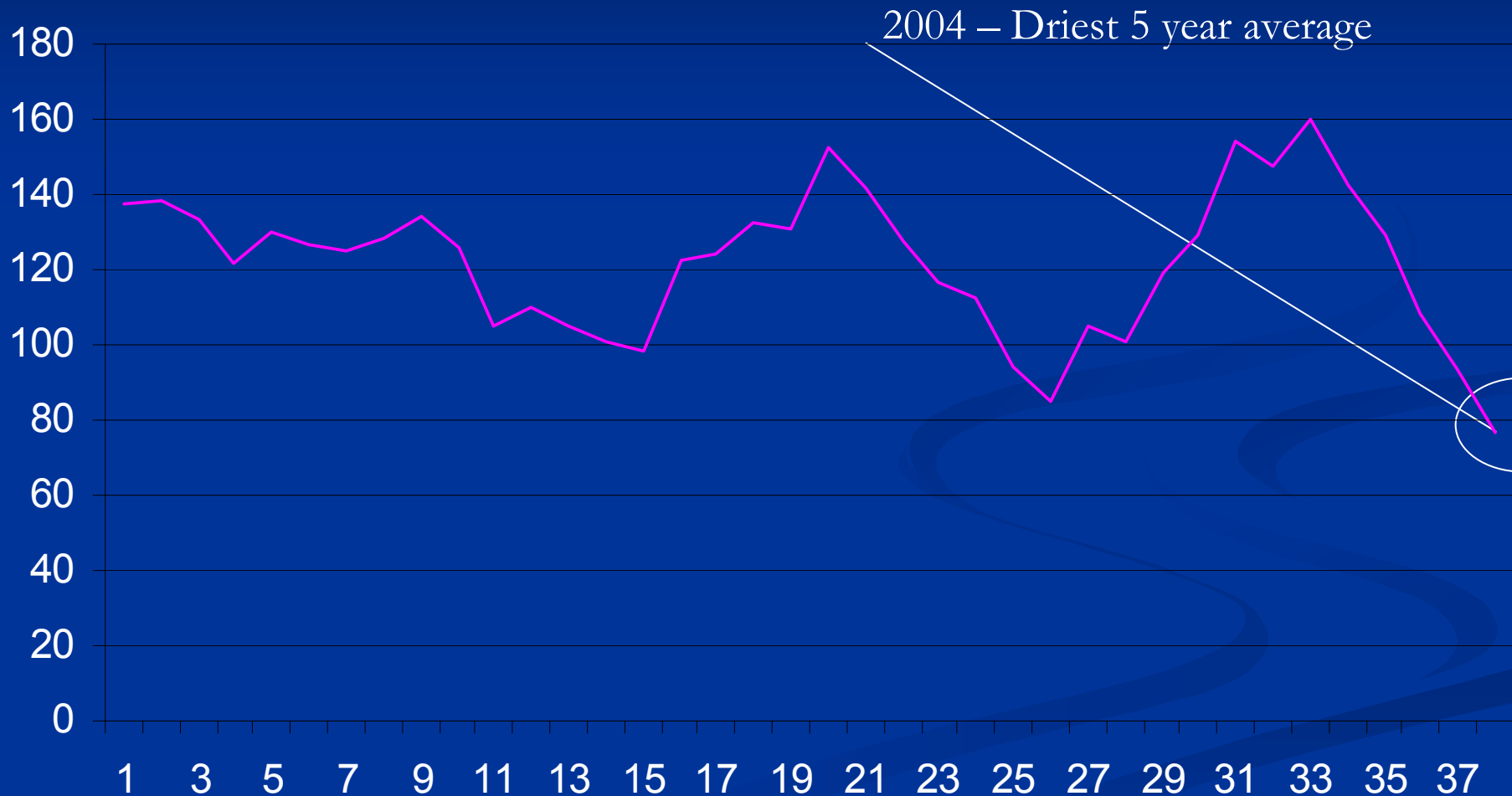
## 56 years of record



# Provo River 5 Year Average Flow

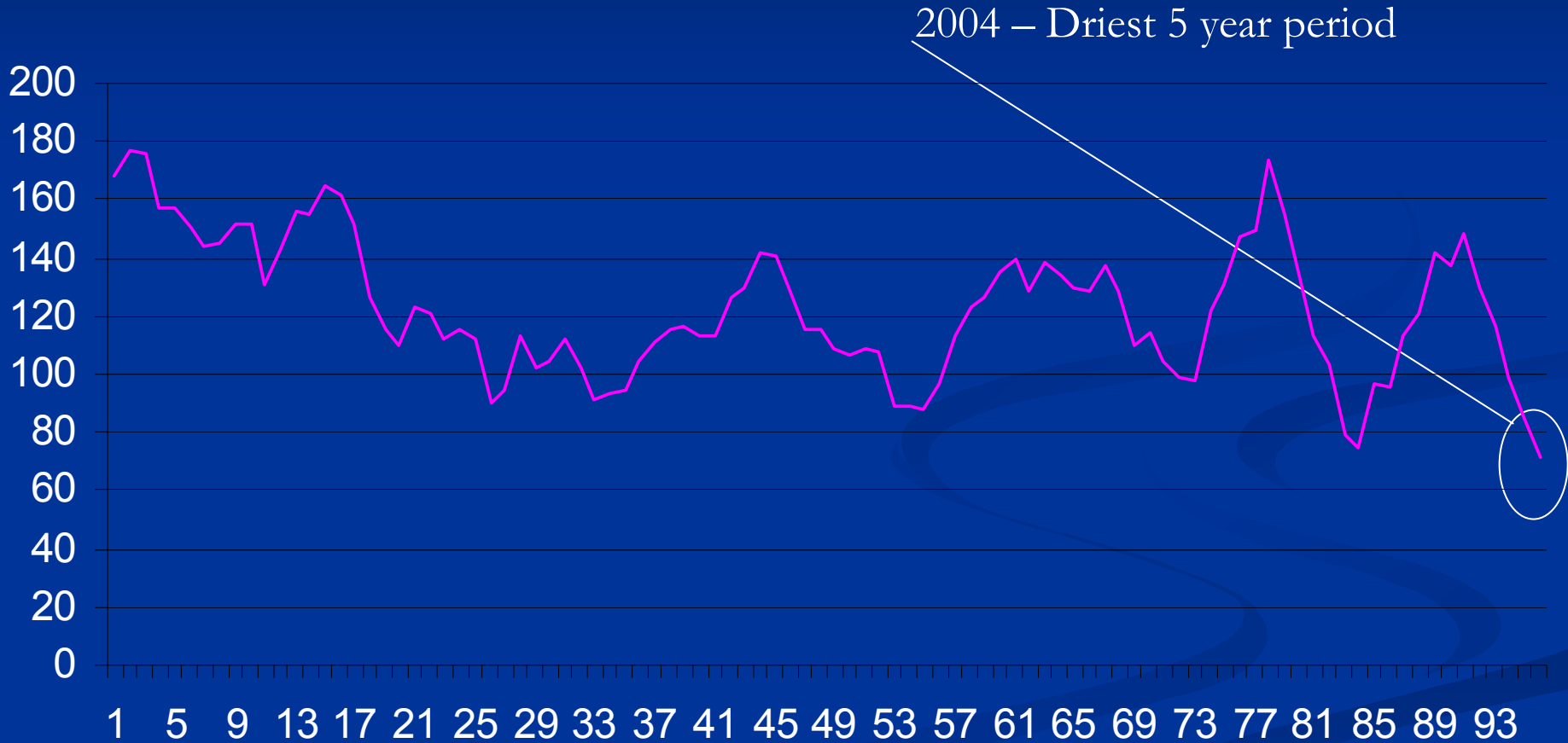
## 37 years of record

Kac/ft.



# Weber River 5 Year Average Flow

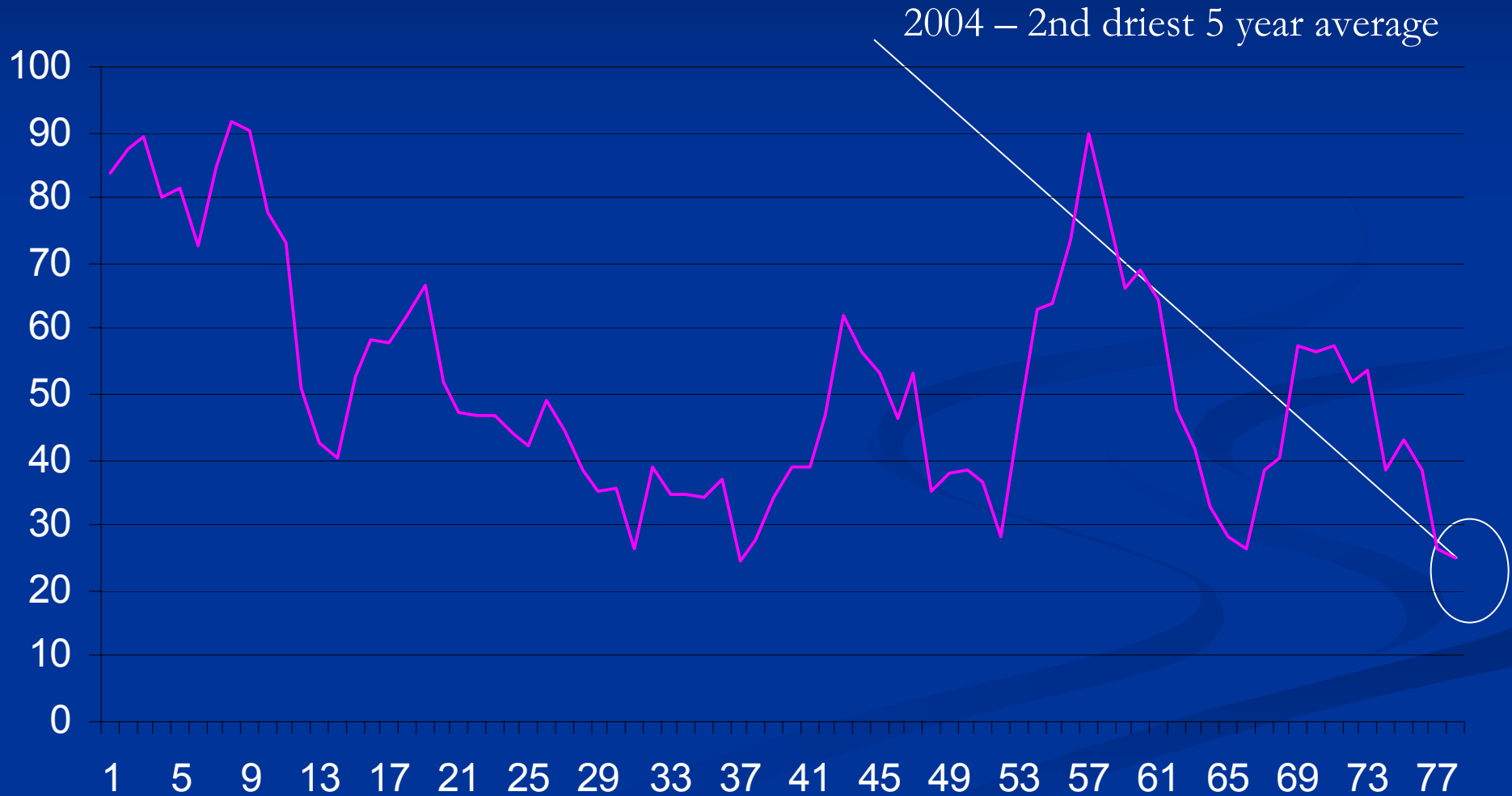
## 95 years of record



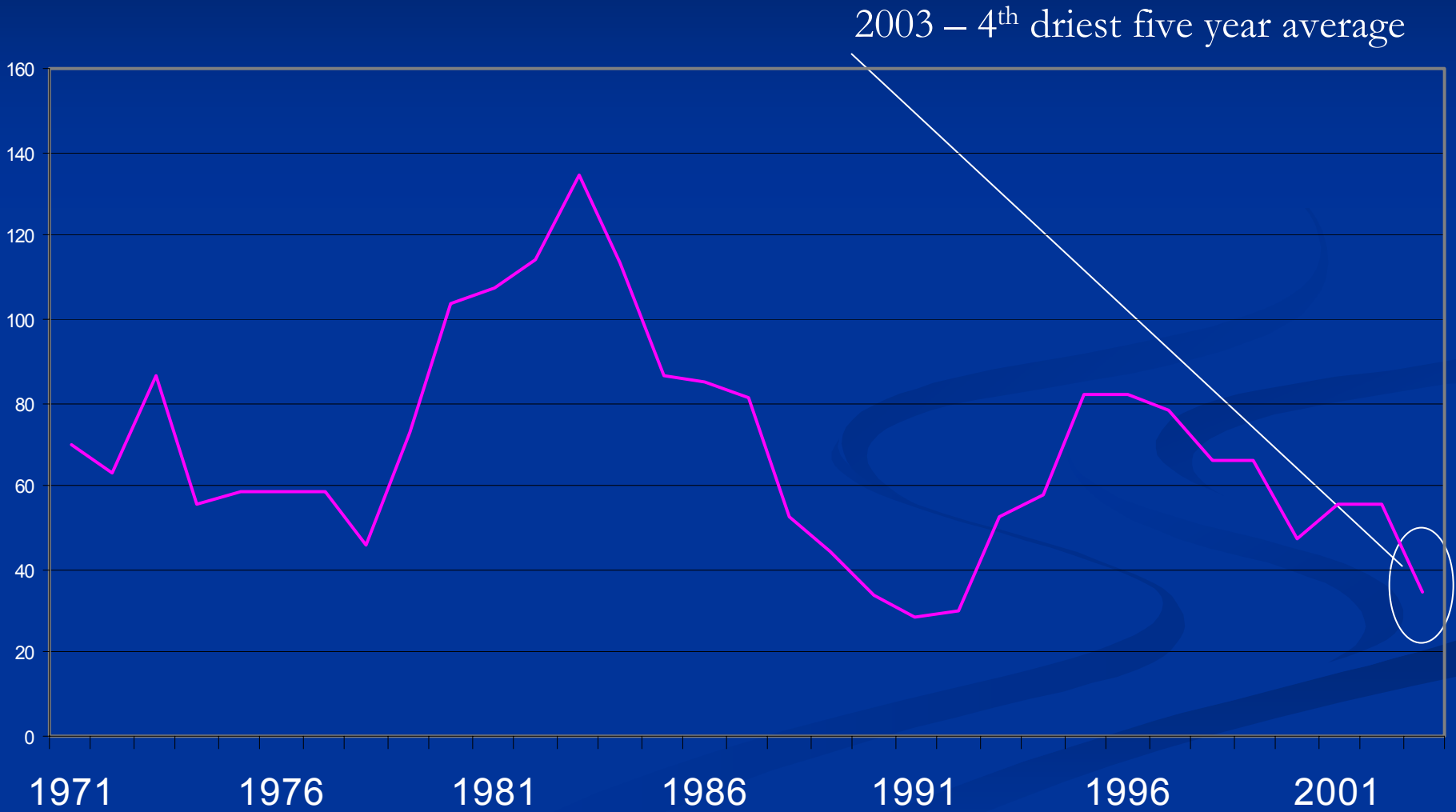
# Sevier River 5 Year Average Flow

## 90 years of record

Kac/ft.



# Virgin River 5 Year Average Flow 33 Years of Record

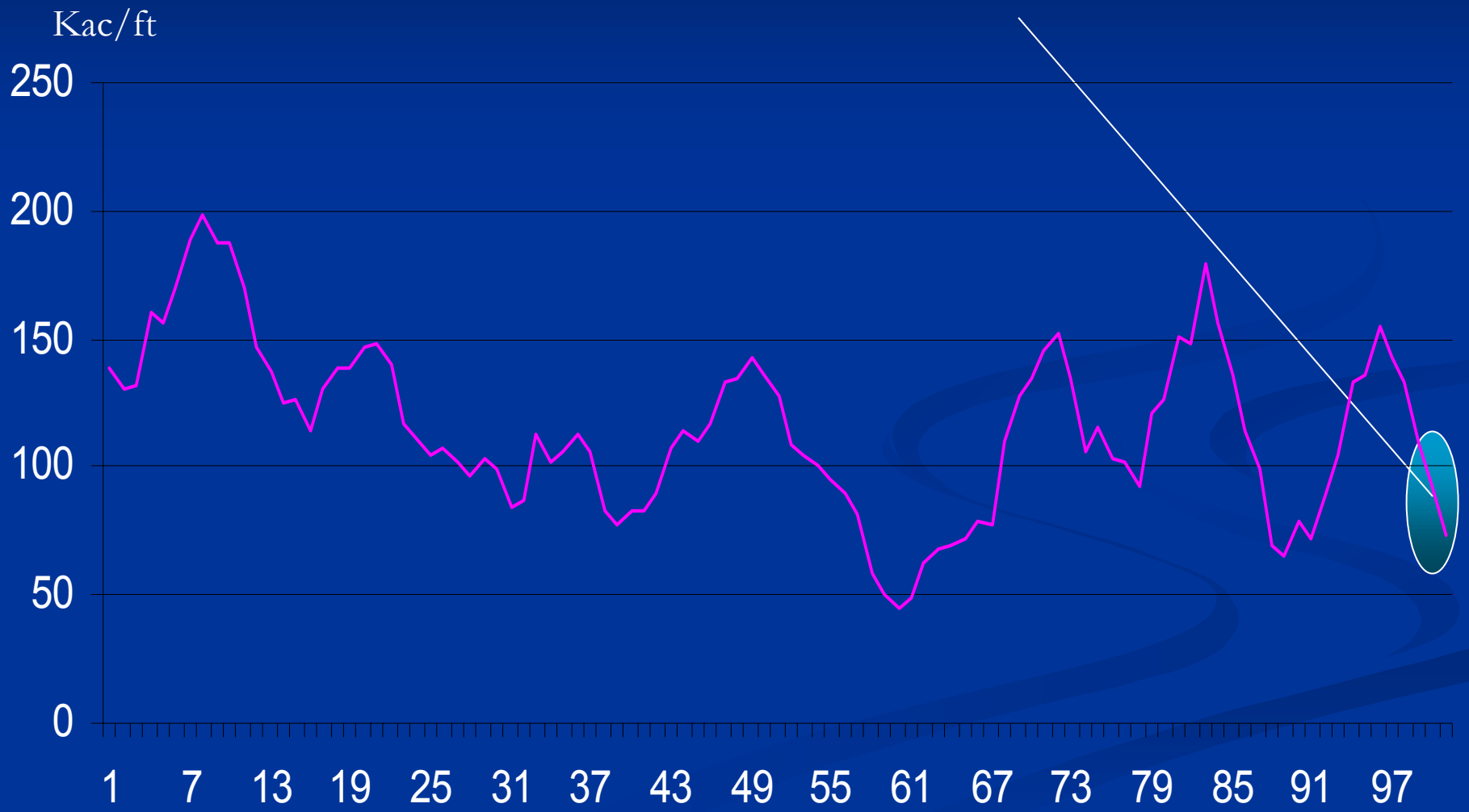




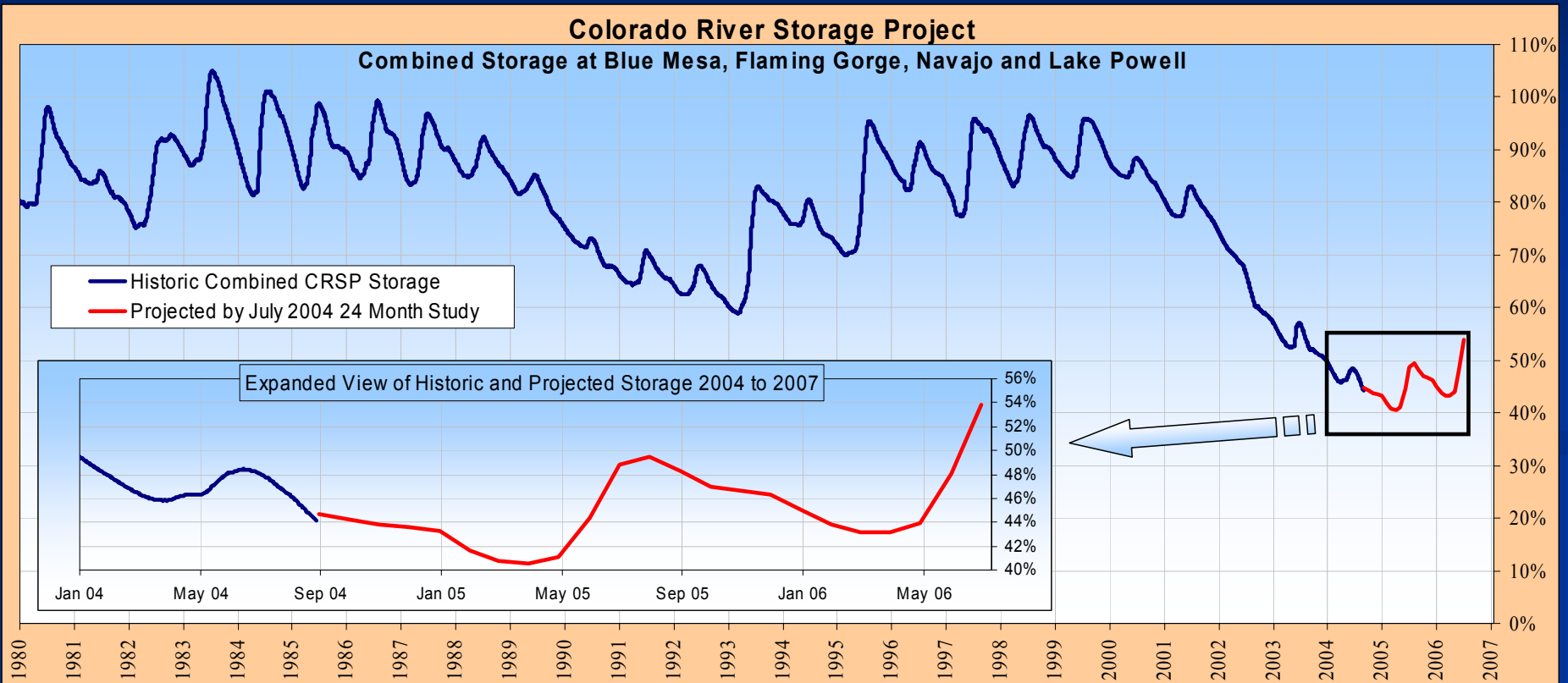
# Logan River 5 Year Average Flow

## 99 years of record

2004 – 12th lowest five year average



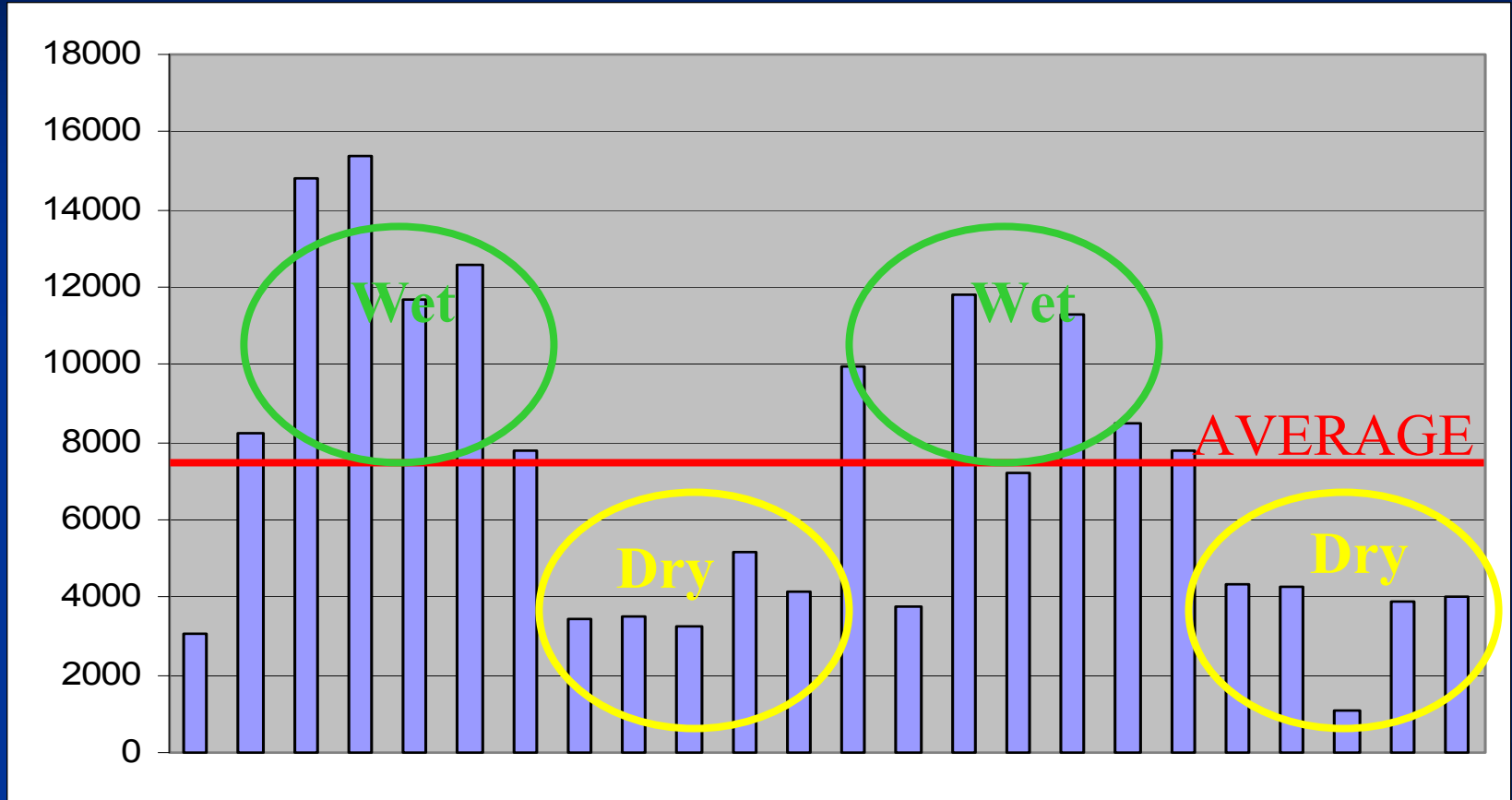
# Historical Trace of Storage at Blue Mesa, Flaming Gorge, Navajo and Lake Powell



**Source: Upper Colorado Region Water  
Supply Report  
September 01, 2004**

# STREAMFLOW INTO LAKE POWEL

( 1000'S OF ACRE FEET )



81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04

Record Low Runoff

## Interesting Tidbits About Lake Powell

If we had normal runoff into Lake Powell and normal outflow from Lake Powell every year it would take 12.6 years to bring the lake to full pool.

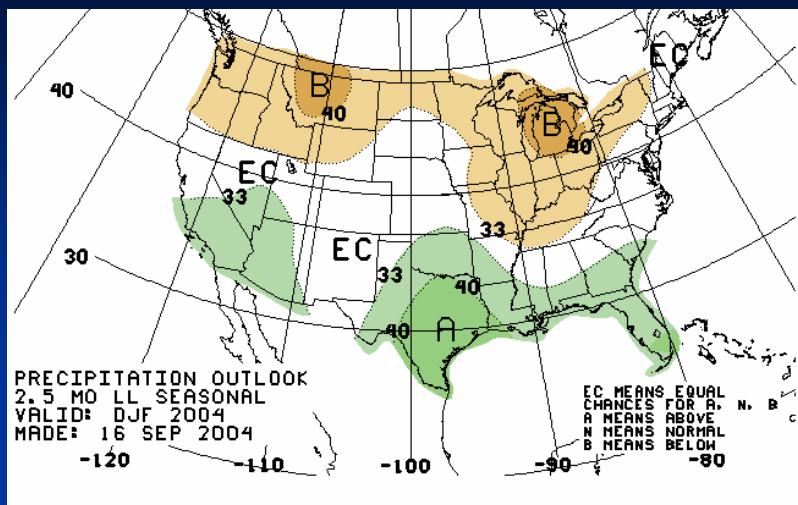
If we had 130% normal runoff into and normal outflow it would take 3.1 years to bring the lake to full pool.

We have never in the past 90 years had more than 5 years in a row of below normal runoff into Lake Powell. The last time we had 5 years in a row was 1988-1992.

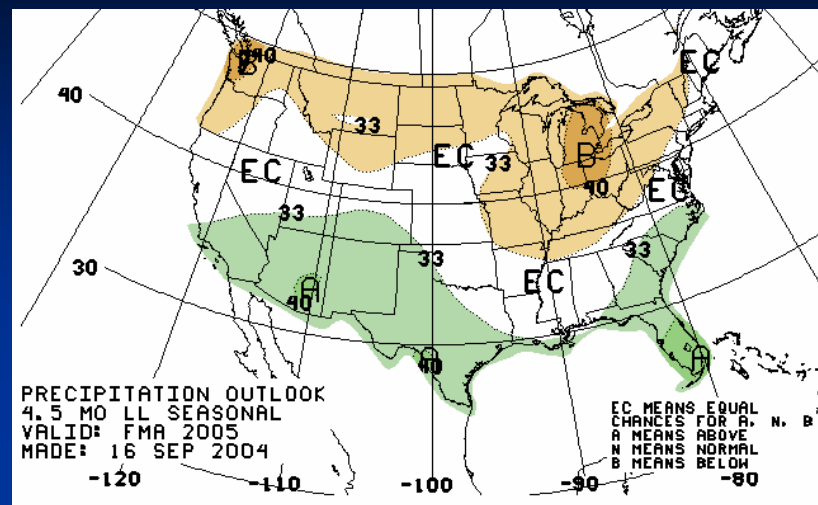
Hold Next Slide

Reference: Upcoming Forecasts

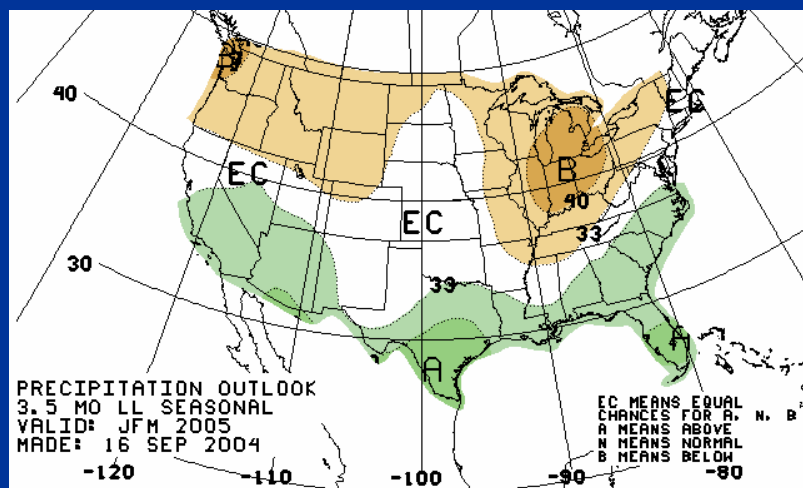
# 2005-Winter-Spring Precipitation Outlooks-Issued Sep 16, 2004



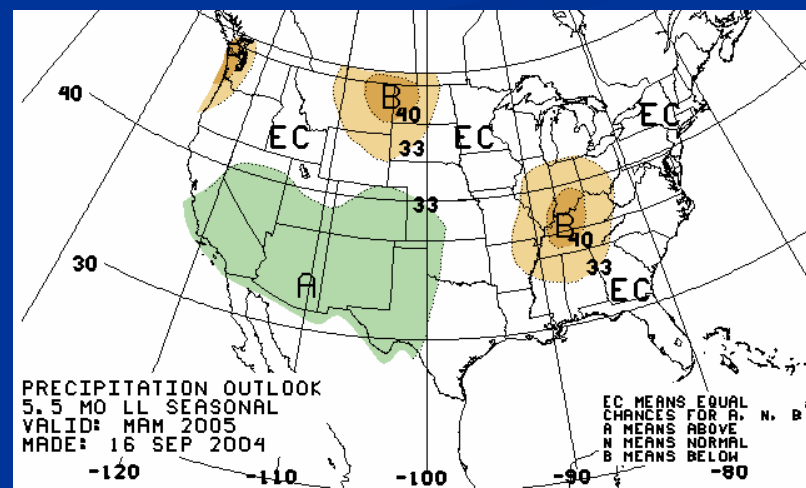
Dec-Jan-Feb



Feb-Mar-Apr



Jan-Feb-Mar



Mar-Apr-May