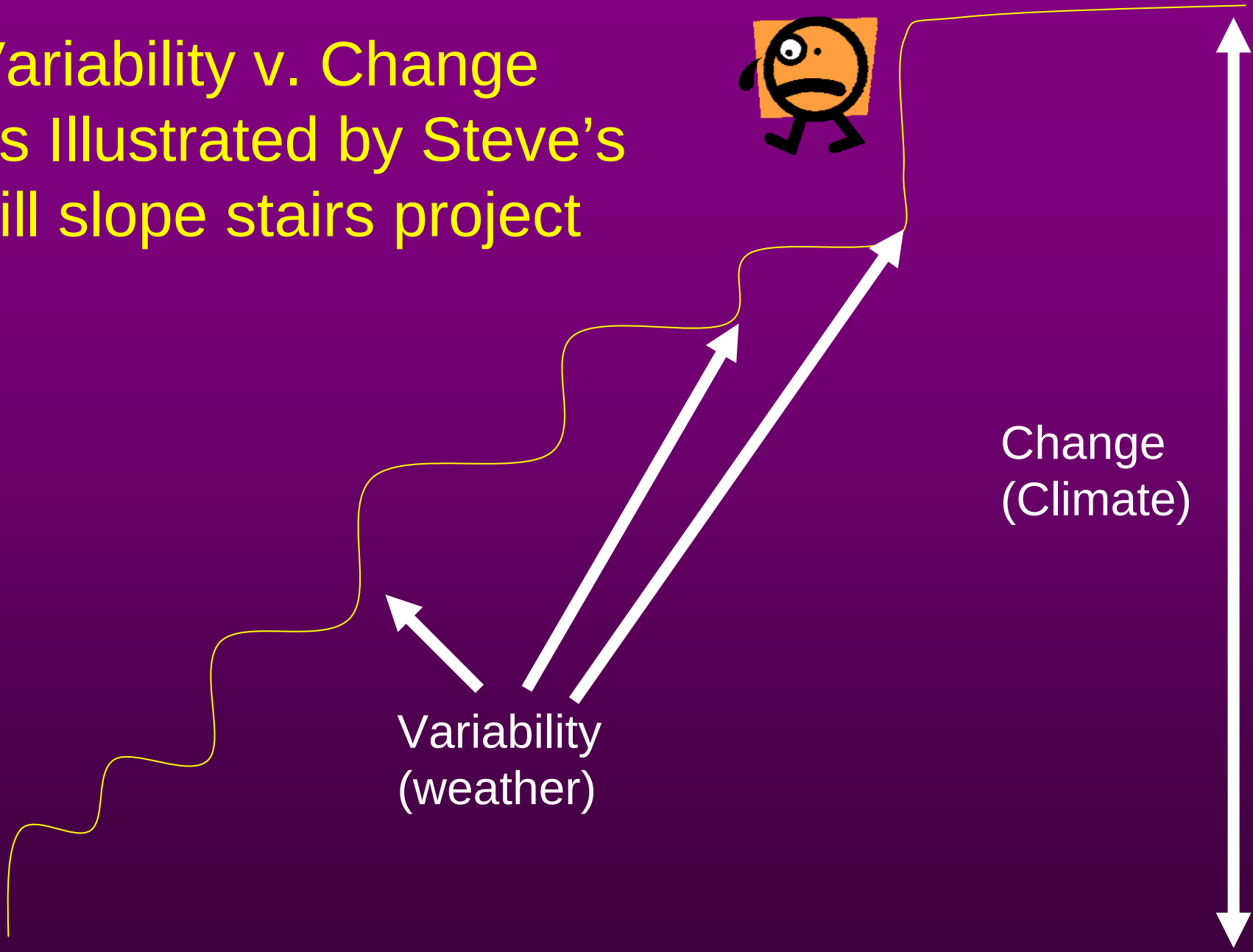
What will be the average increase in air temperature across the United States in the next 20 years?

Answer: It doesn’t matter!!

# Weather
# Versus
# Climate Change

as illustrated in Steve's
hill slope stairs project,
and a old Irish saying

# Variability v. Change as Illustrated by Steve's hill slope stairs project

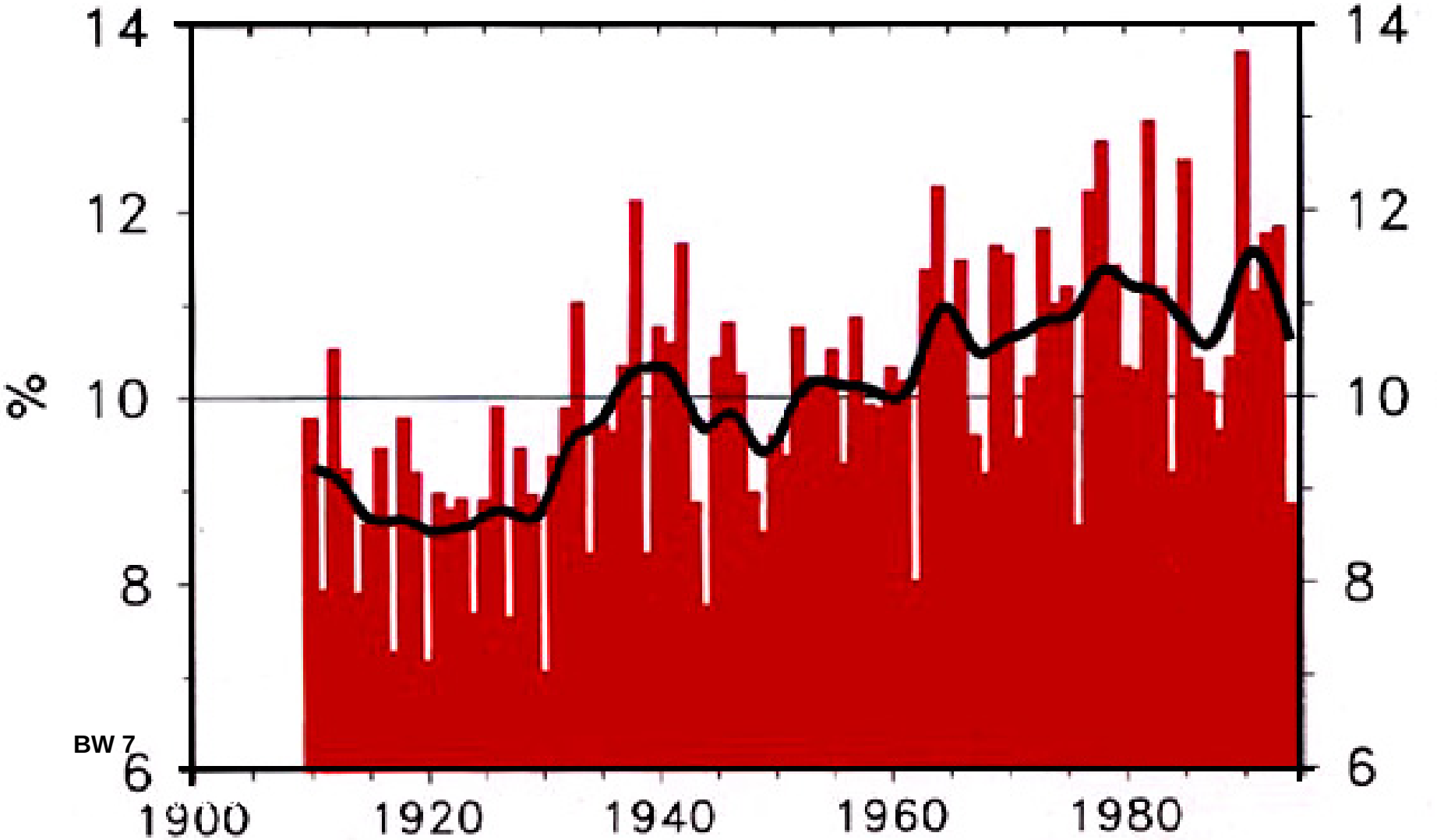


Former Speaker of the House Tip O'Neal was quoted as saying

"All politics are local"

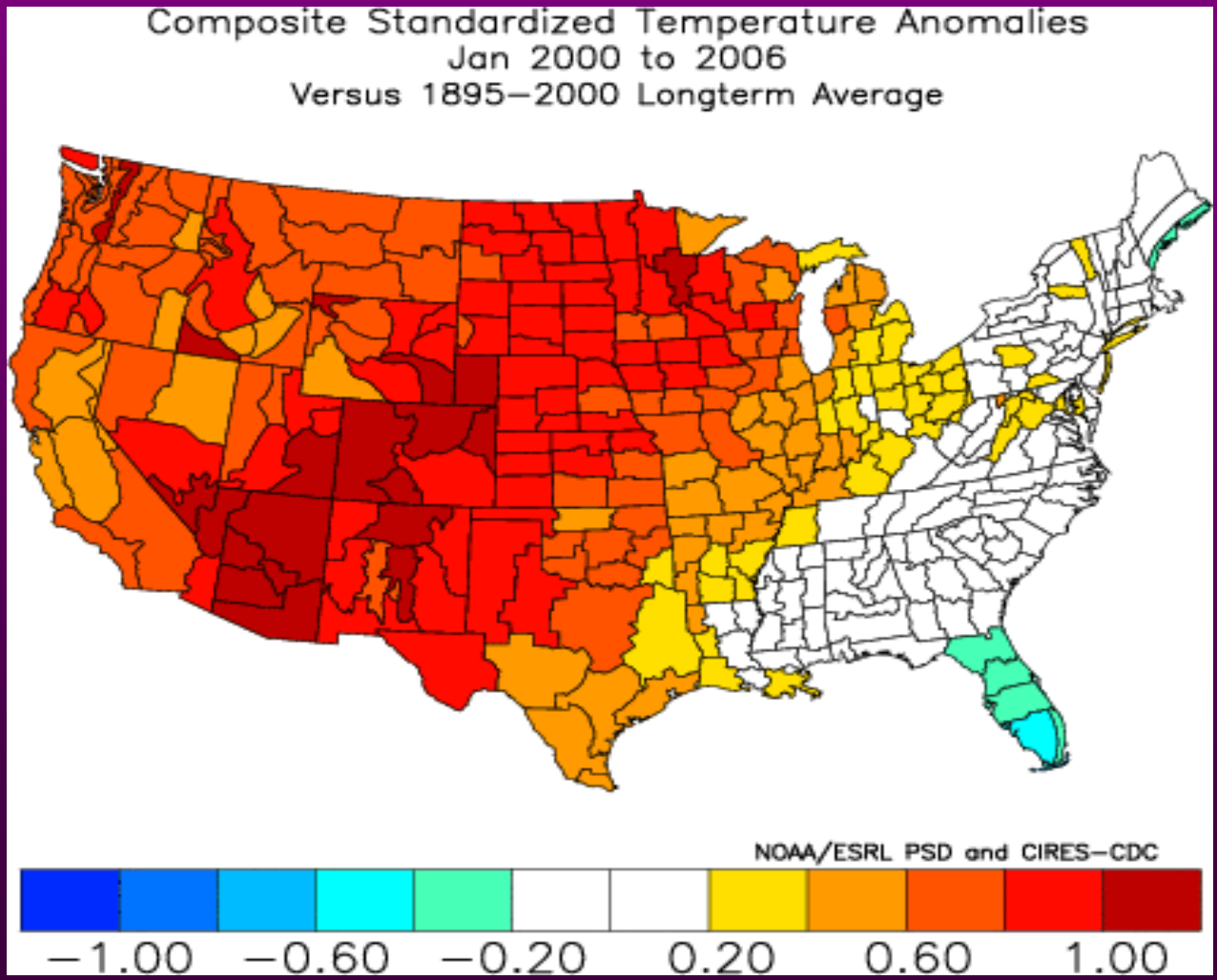
The same statement can be made for Weather

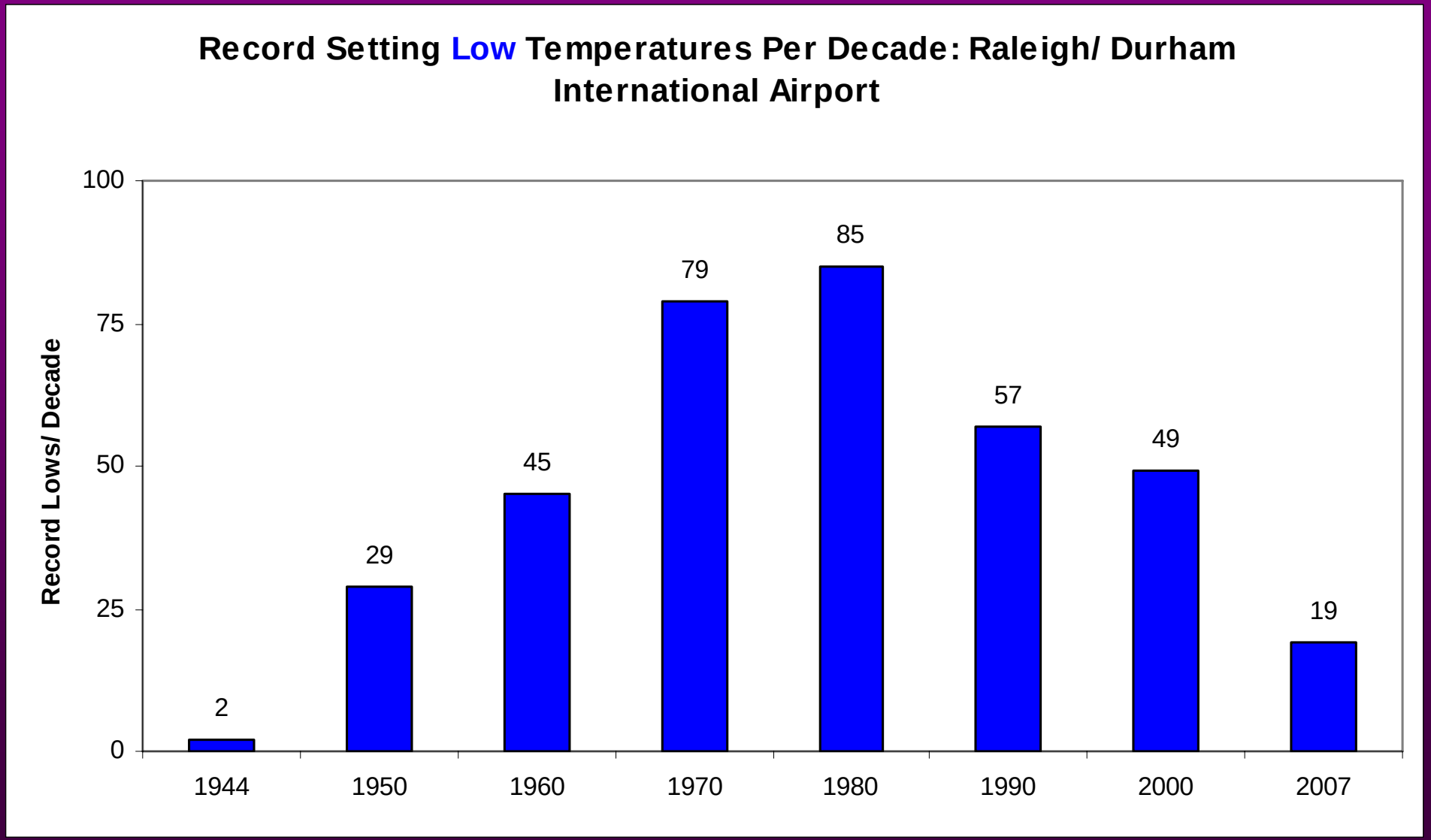
# Percent of the continental USA with a much above normal proportion of total annual precipitation from 1-day extreme events (more than 2 inches or 50.8mm)

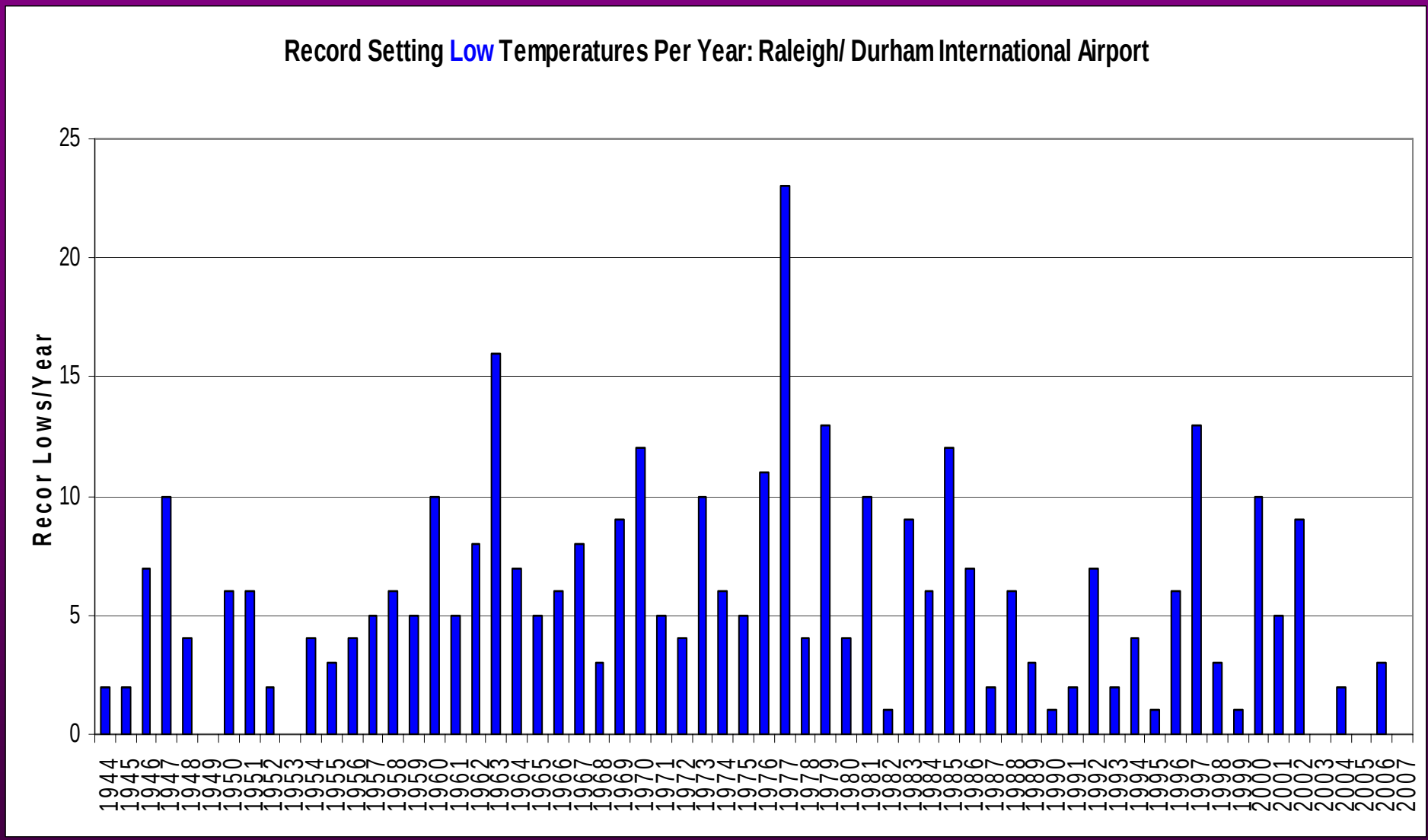



BW 7

# Temperature anomalies: 2000-2006 versus 1895-2000

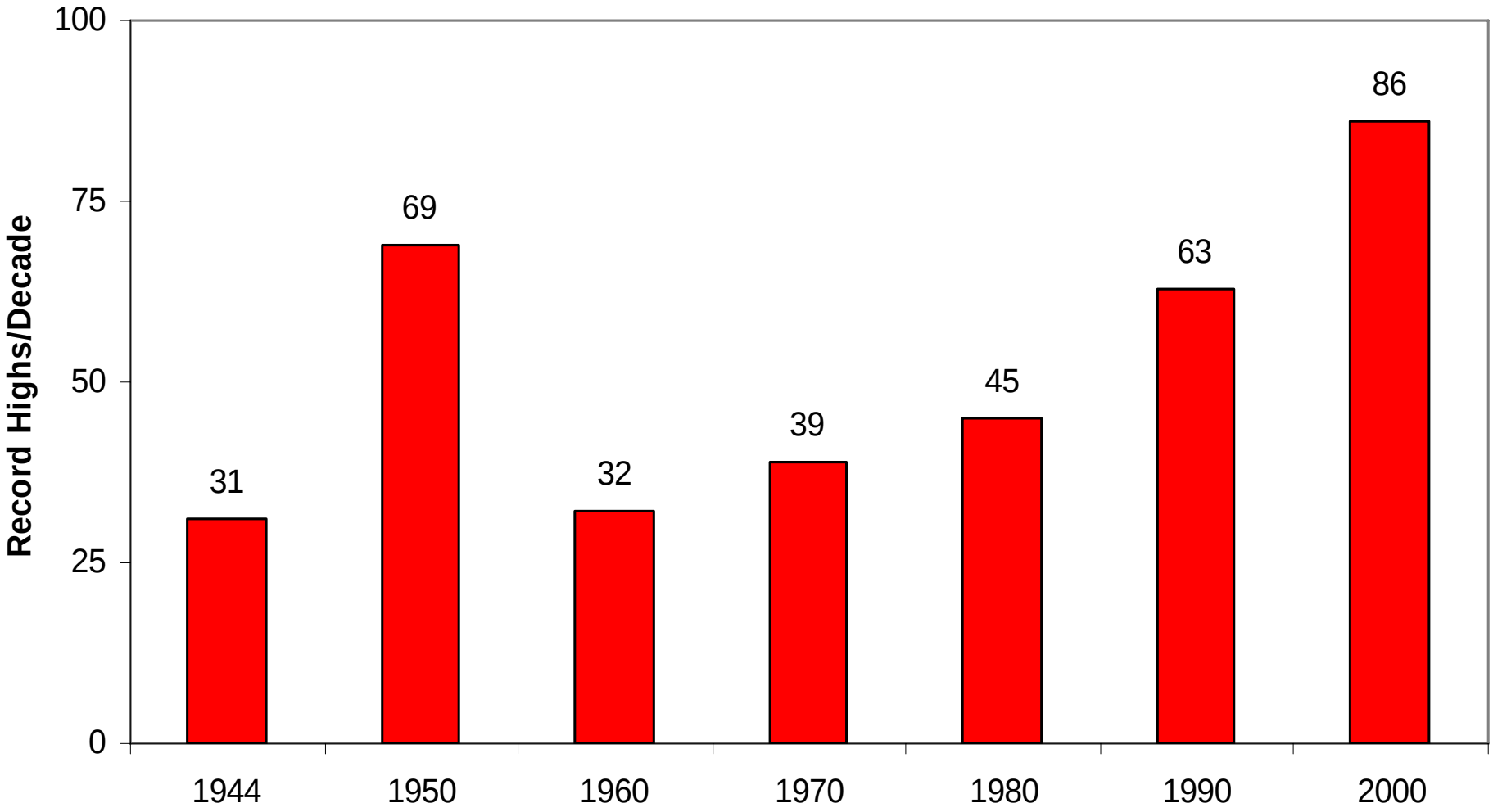


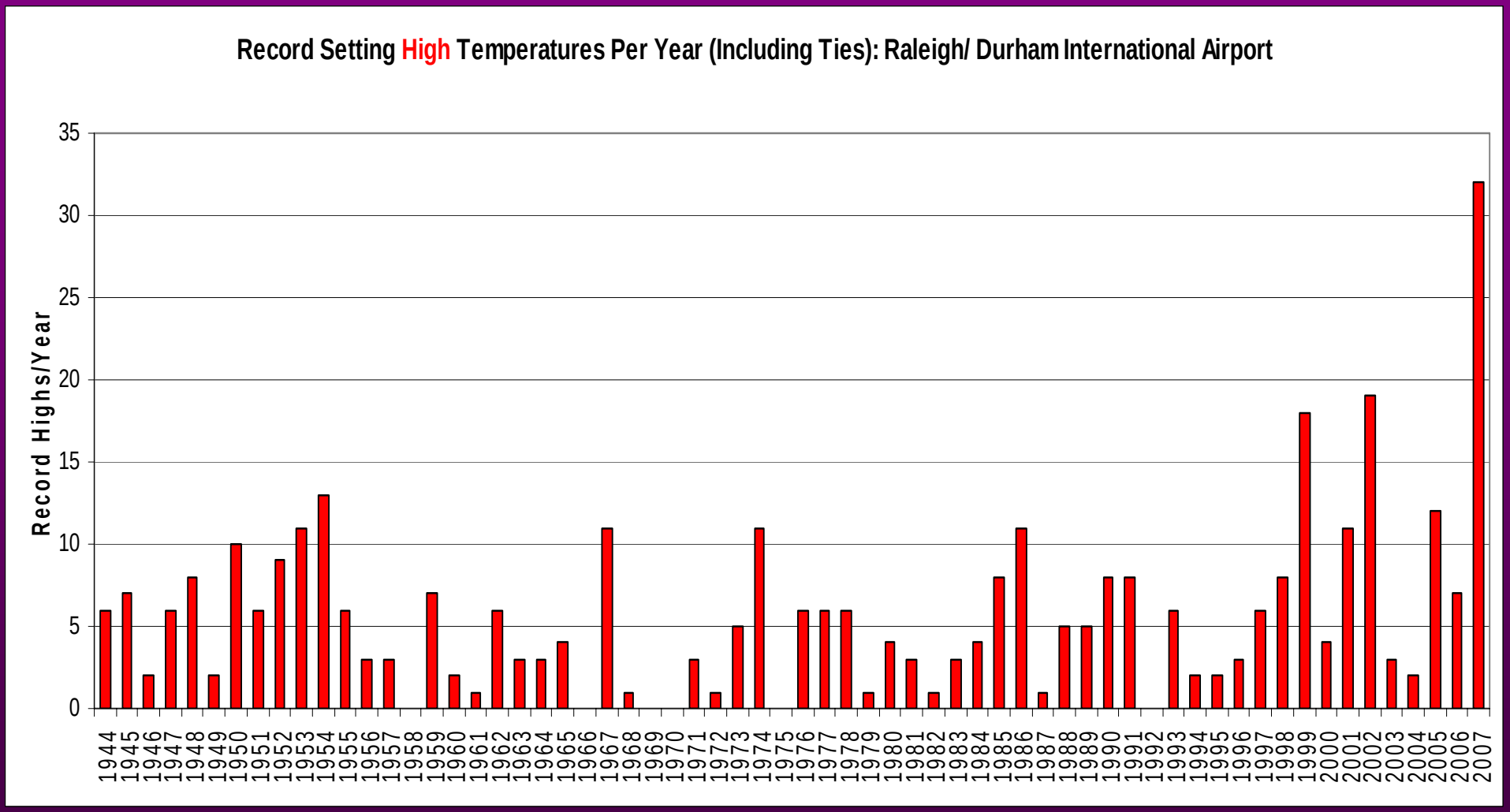

Record Setting Low Temperatures Per Decade: Raleigh/ Durham International Airport
Record Lows/ Decade
100
75
50
25
0
2
29
45
79
85
57
49
19
1944
1950
1960
1970
1980
1990
2000
2007




Should average approximately 6 records per year

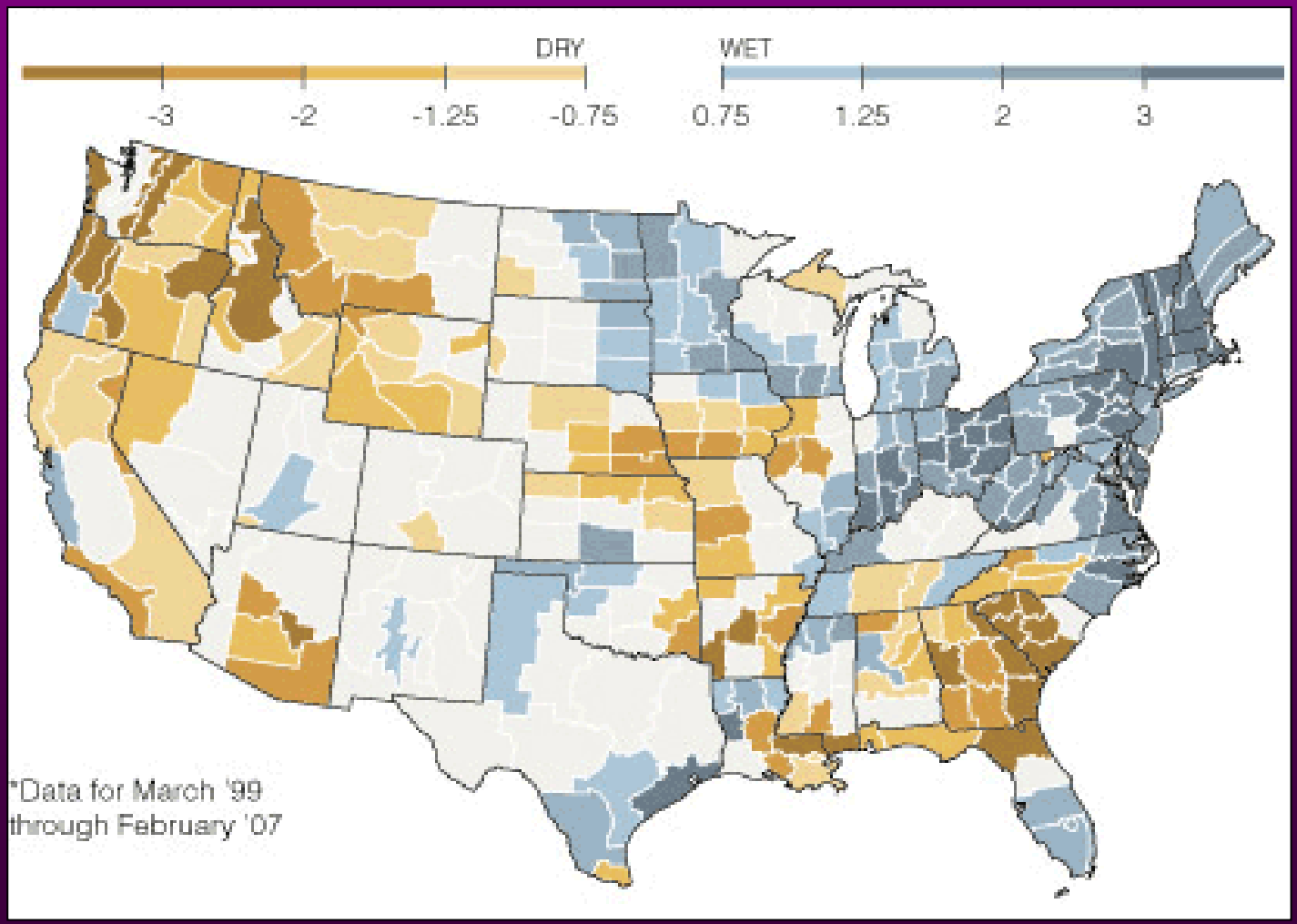
## Record Setting High Temperatures Per Decade:
## Raleigh/ Durham International Airport





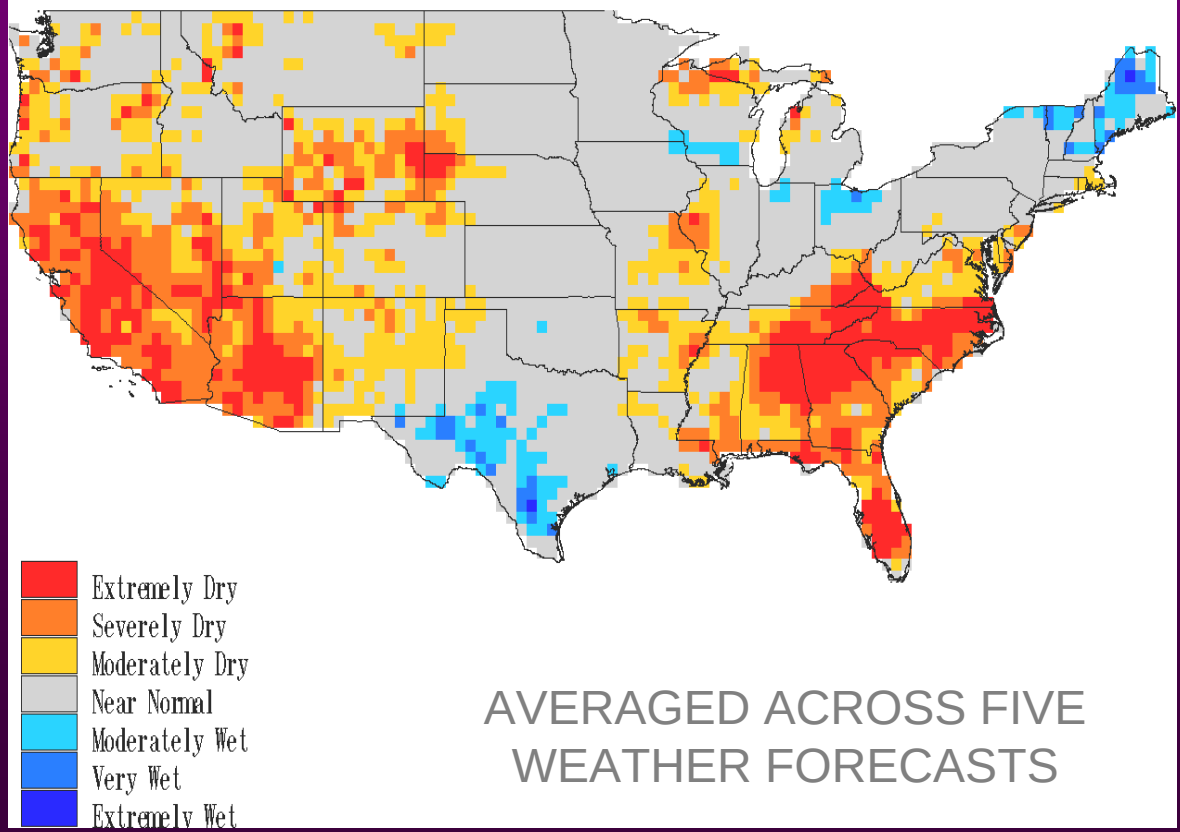

Should average approximately 6 records per year

# Precipitation During the 21st Century: 8 Years of Drought Index



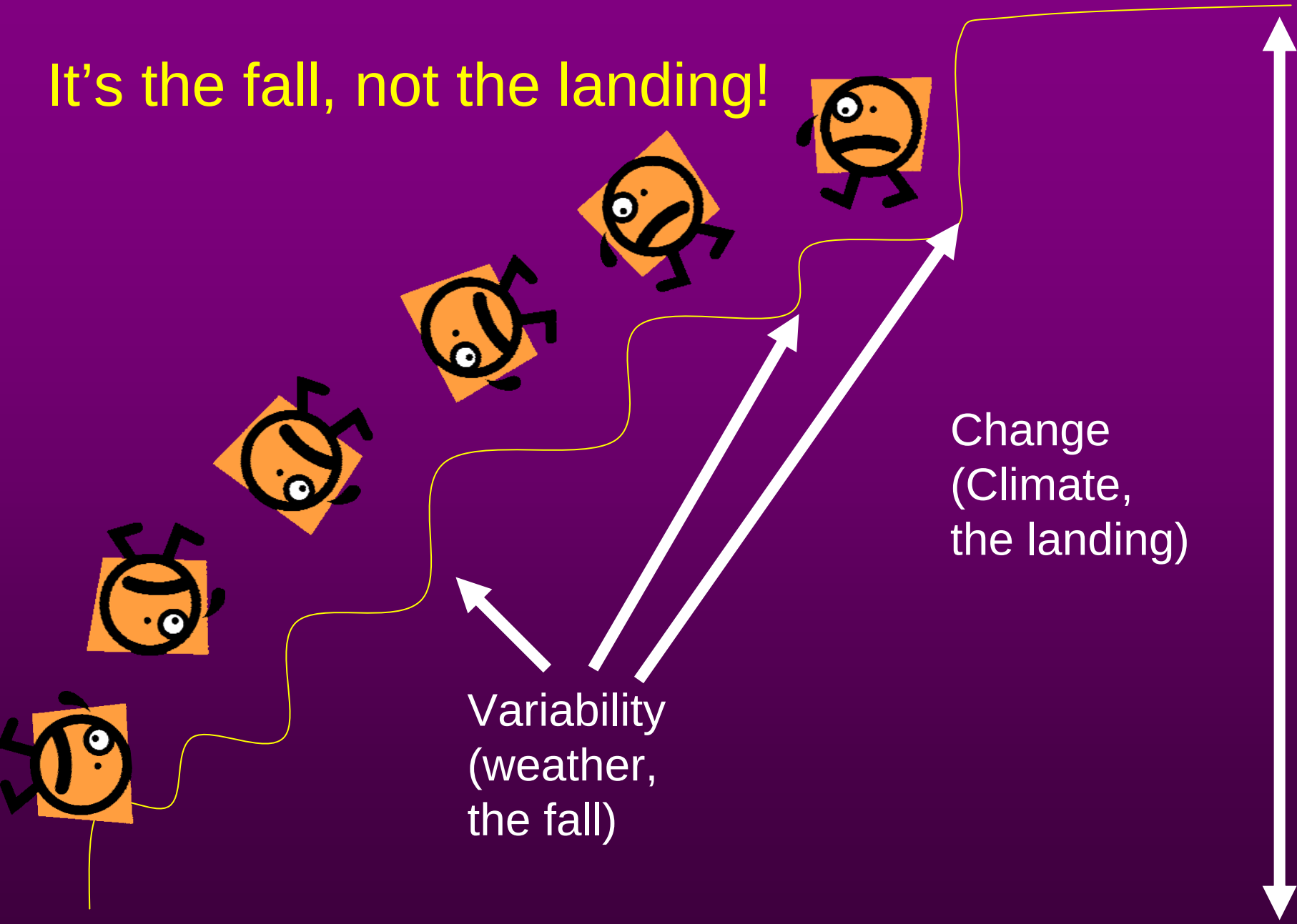
# PALMER DROUGHT SEVERITY INDEX FORECAST APRIL-JUNE 2008

OBSERVED WEATHER PERIOD: thru NOV 2007
FORECAST WEATHER PERIOD: DEC 2007 - JUN 2008




AVERAGED ACROSS FIVE WEATHER FORECASTS

Falls of the Neuse Reservoir

Concluding with an old
Irish tale

# It’s the fall, not the landing!