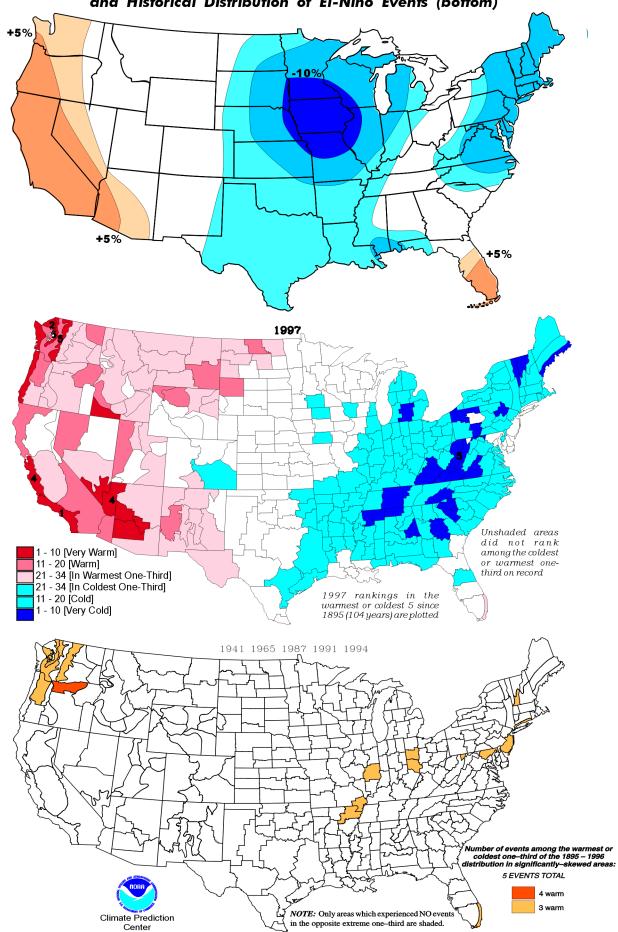
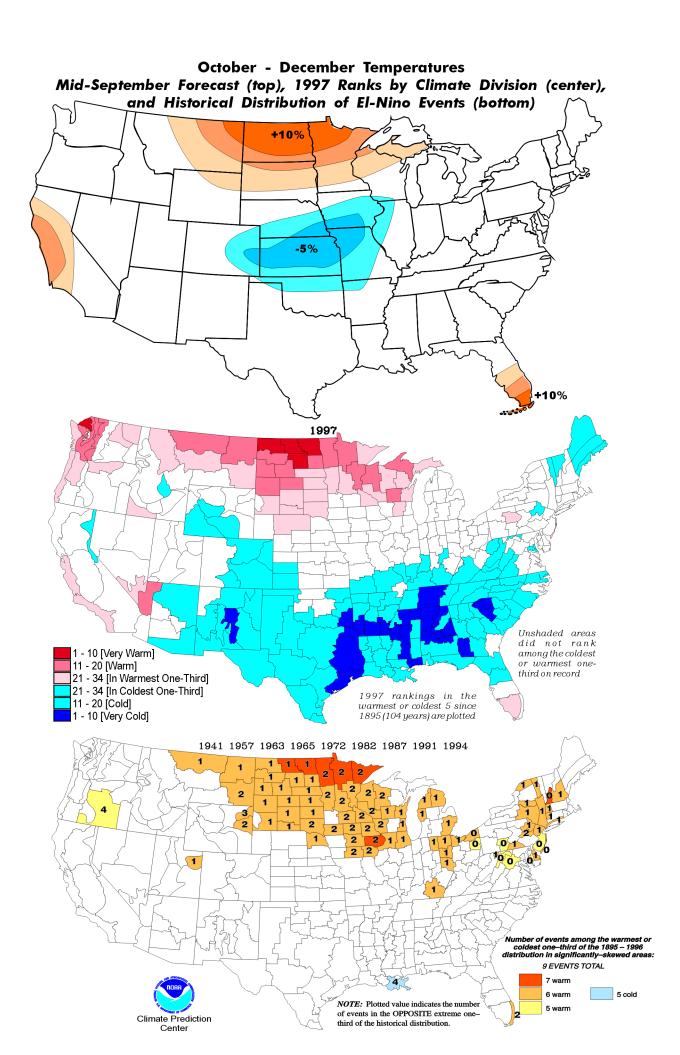
September - November Temperatures

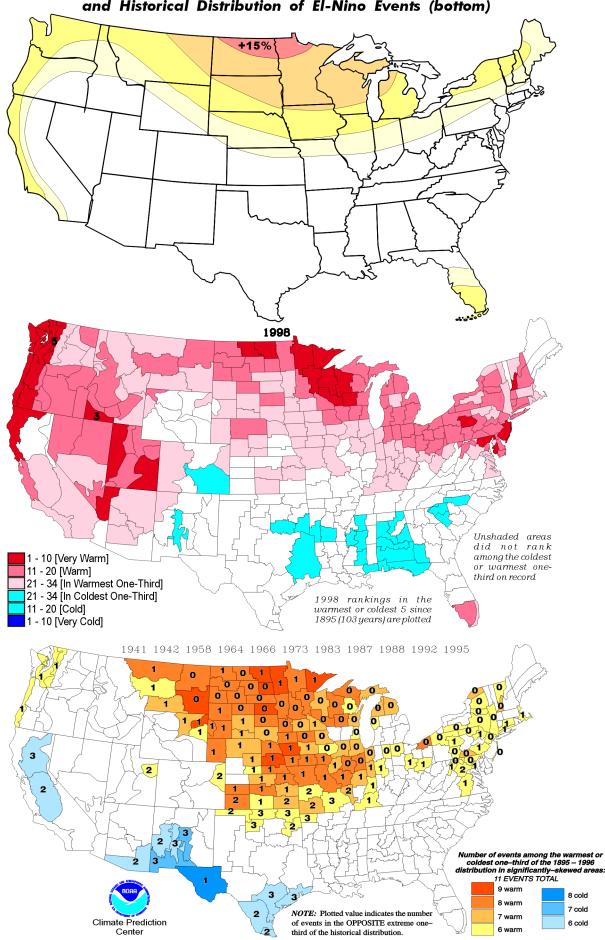
Mid-August Forecast (top), 1997 Ranks by Climate Division (center),
and Historical Distribution of El-Nino Events (bottom)





November - January Temperatures

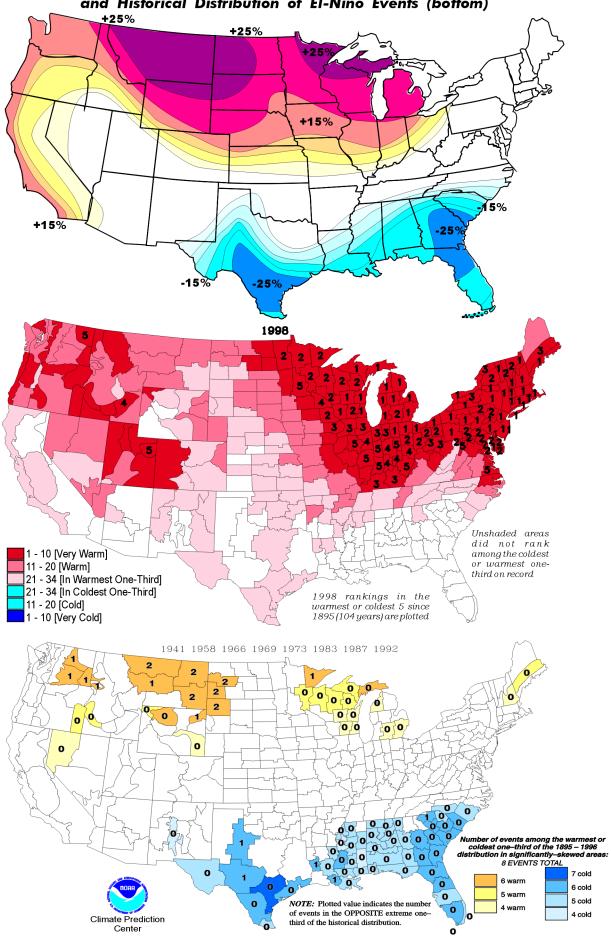
Mid-October Forecast (top), 1997-98 Ranks by Climate Division (center),
and Historical Distribution of El-Nino Events (bottom)



December - February 1997/98 Temperatures Mid-November Forecast (top), Observed Ranks by Climate Division (center), and Historical Distribution of El-Nino Events (bottom) +20% +25% **₄+25**% 20% +1ø% +10% Climate Prediction 1998 Unshadedareas ranked between 34th 1 - 10 [Very Warm] warmest & 11 - 20 [Warm] 34th coldest in 103 years of record 21 - 34 [In Warmest One-Third] 1998 rankings in the warmest or coldest 5 since 21 - 34 [In Coldest One-Third] 11 - 20 [Cold] 1895 (103 years) are plotted 1 - 10 [Very Cold] 1941 1958 1966 1973 1983 1987 1988 1992 1995 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 Number of events among the warmest or coldest one-third of the 1895 - 1996 distribution in significantly-skewed areas: 9 EVENTS TOTAL 8 warm 7 warm 6 cold NOTE: Plotted value indicates the number of events in the OPPOSITE extreme one-6 warm 5 cold third of the historical distribution. 5 warm

January - March Temperatures

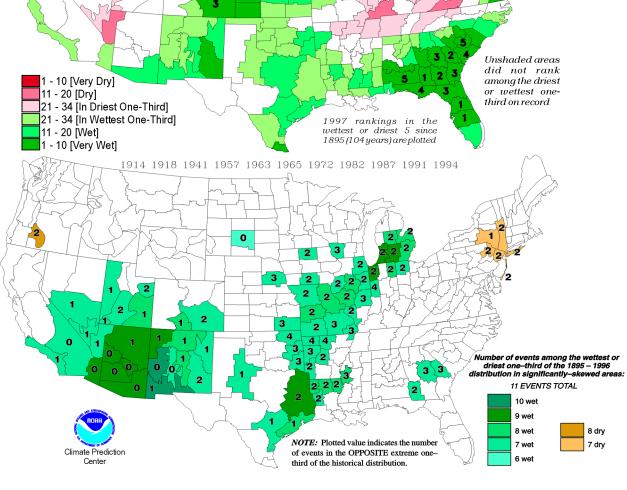
Mid-December Forecast (top), 1998 Ranks by Climate Division (center),
and Historical Distribution of El-Nino Events (bottom)



February - April Temperatures Mid-January Forecast (top), 1998 Ranks by Climate Division (center), and Historical Distribution of El-Nino Events (bottom) +15% +15% +25% +15% -30% -15% -30% 30% 1998 Unshaded areas did not rank among the coldest 1 - 10 [Very Warm] or warmest one-11 - 20 [Warm] third on record 21 - 34 [In Warmest One-Third] 21 - 34 [In Coldest One-Third] 1998 rankings in the warmest or coldest 5 since 11 - 20 [Cold] 1895 (104 years) are plotted 1 - 10 [Very Cold] 1941 1958 1966 1969 1983 1987 1992 0 0 Number of events among the warmest or coldest one-third of the 1895 – 1996 distribution in significantly-skewed areas 7 EVENTS TOTAL 5 warm 6 cold 5 cold 4 warm NOTE: Plotted value indicates the number 4 cold of events in the OPPOSITE extreme one-third of the historical distribution. Climate Prediction

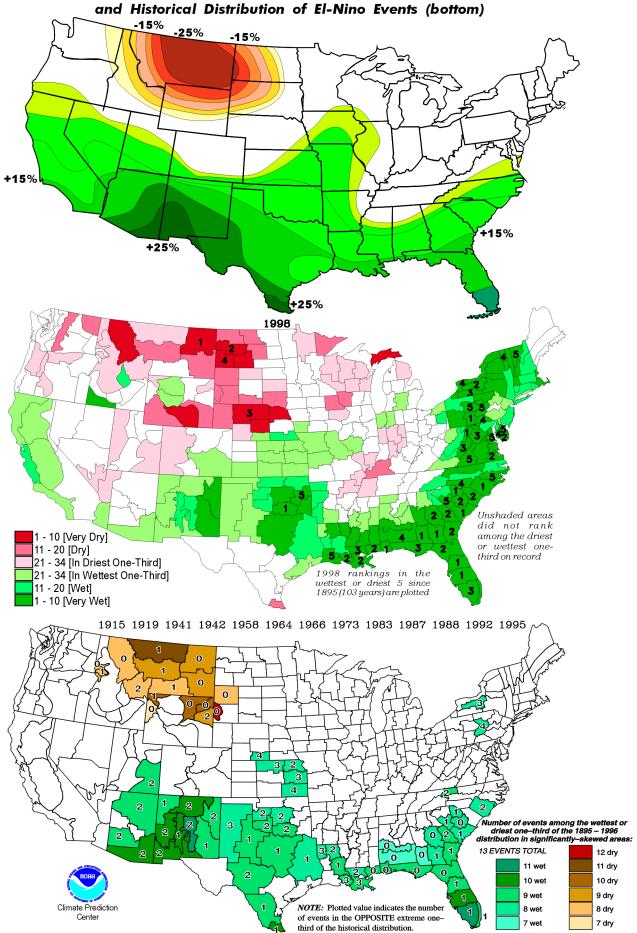
September - November Precipitation Mid-August Forecast (top), 1997 Ranks by Climate Division (center), and Historical Distribution of El-Nino Events (bottom) +5 1997 ${\it Unshaded\, areas}$ did not rank among the driest 1 - 10 [Very Dry] or wettest one-11 - 20 [Dry] $third\ on\ record$ 21 - 34 [In Driest One-Third] 21 - 34 [In Wettest One-Third] 1997 rankings in the wettest or driest 5 since 1895 (104 years) are plotted 11 - 20 [Wet] 1 - 10 [Very Wet] 1905 1914 1918 1941 1965 1987 1991 1994 0 0 0 0 0 Number of events among the wettest or driest one-third of the 1895 – 1996 distribution in significantly-skewed areas: 8 EVENTS TOTAL 6 wet 6 dry 5 dry NOTE: Plotted value indicates the number 4 wet 4 dry of events in the OPPOSITE extreme one-Climate Prediction third of the historical distribution. Center

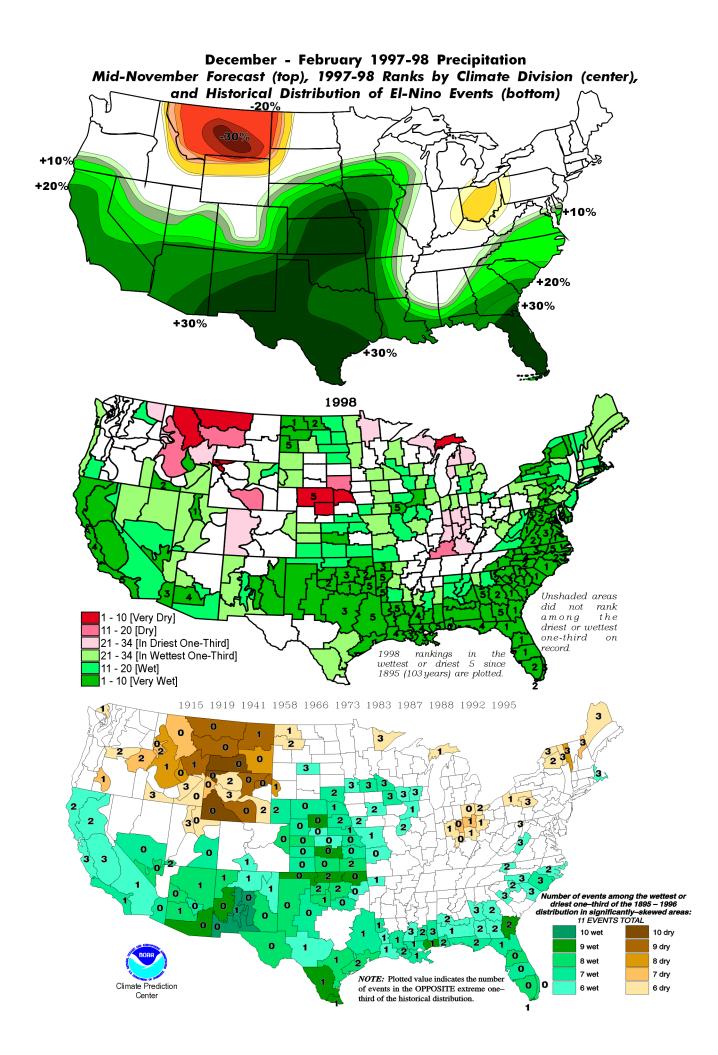
October - December Precipitation Mid-September Forecast (top), 1997 Ranks by Climate Division (center), and Historical Distribution of El-Nino Events (bottom) -10 <u>-10</u> 1997 Unshaded areas did not rank 1 - 10 [Very Dry] among the driest or wettest one-11 - 20 [Dry] third on record 21 - 34 [In Driest One-Third]



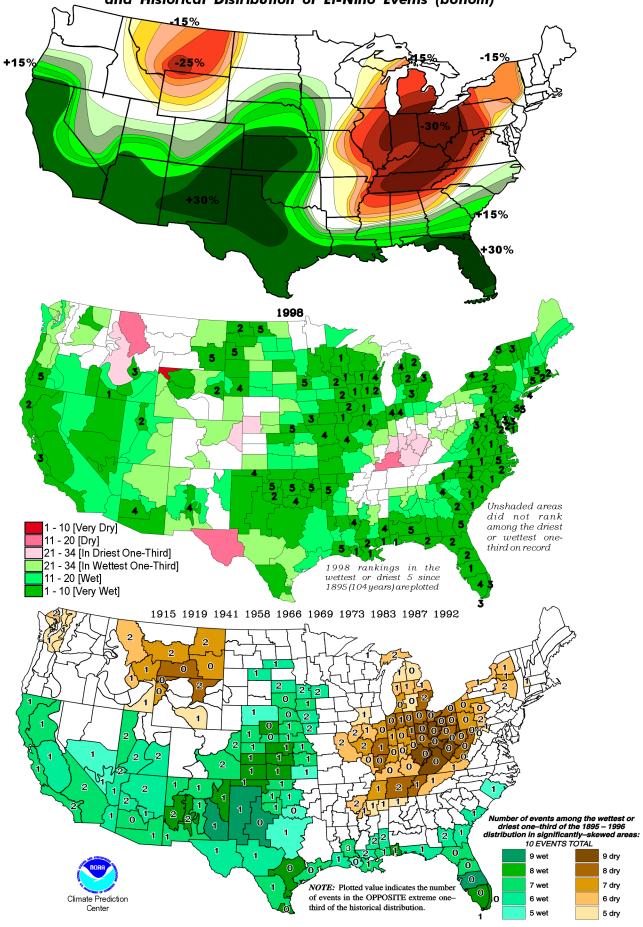
November - January Precipitation

Mid-October Forecast (top), 1997-98 Ranks by Climate Division (center),
and Historical Distribution of El-Nino Events (bottom)





January - March Precipitation
Mid-December Forecast (top), 1998 Ranks by Climate Division (center),
and Historical Distribution of El-Nino Events (bottom)



February - April Precipitation Mid-January Forecast (top), 1998 Ranks by Climate Division (center), and Historical Distribution of El-Nino Events (bottom) +15% +30% **+15%** +15% 1998 Unshaded areas did not rank 1 - 10 [Very Dry] among the driest or wettest one-third on record 11 - 20 [Dry] 21 - 34 [In Driest One-Third] 21 - 34 [In Wettest One-Third] 1998 rankings in the wettest or driest 5 since 11 - 20 [Wet] 1895 (104 years) are plotted 1 - 10 [Very Wet] 1915 1919 1941 1958 1966 1969 1983 1987 1992 0 0 0 0 0 0 0 Number of events among the wettest or driest one-third of the 1895 – 1996 distribution in significantly-skewed areas:

9 EVENTS TOTAL 7 dry 0 6 wet 6 dry NOTE: Plotted value indicates the number

of events in the OPPOSITE extreme one-

third of the historical distribution.

5 wet

5 dry

Climate Prediction

Center