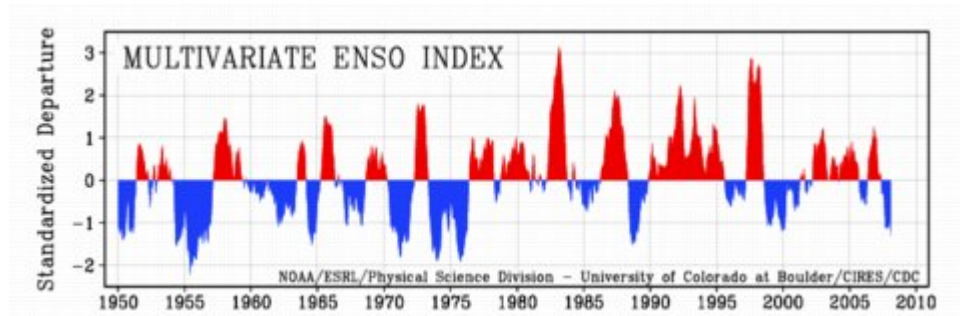


ICECAP RESPONSE

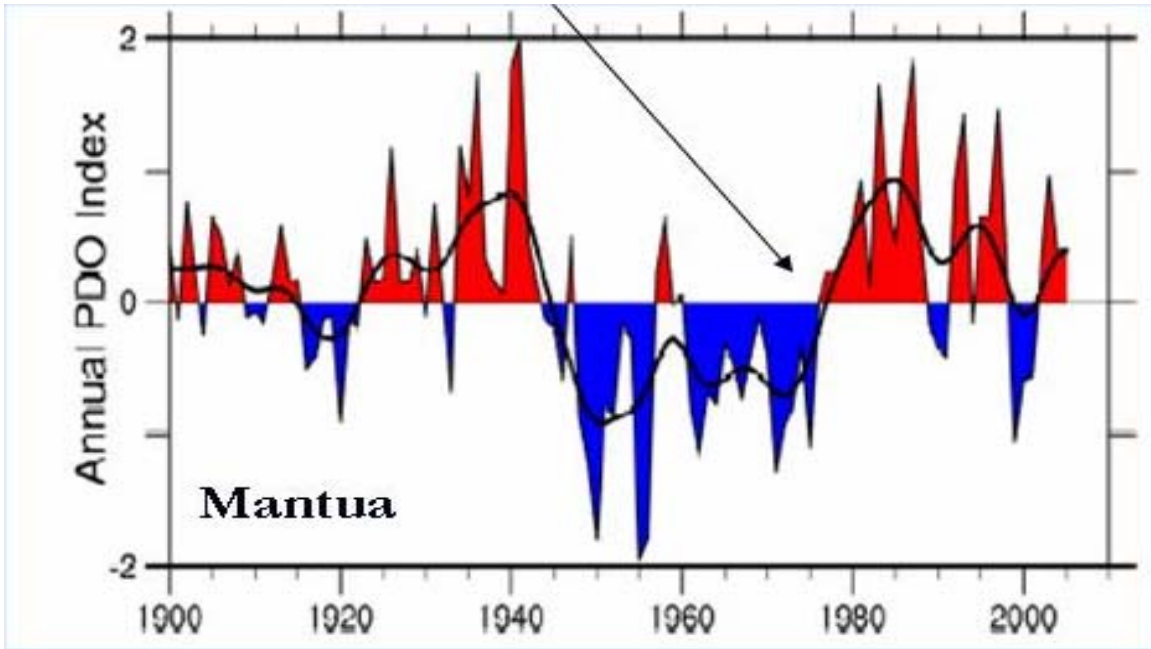
By Joseph D'Aleo, CCM

The chart now being used by the WMO and others to explain this surprise cooling explains far more than that including the warming after 1977 that the nobelists want you to believe is due to man made greenhouse gas emission. Let me explain.

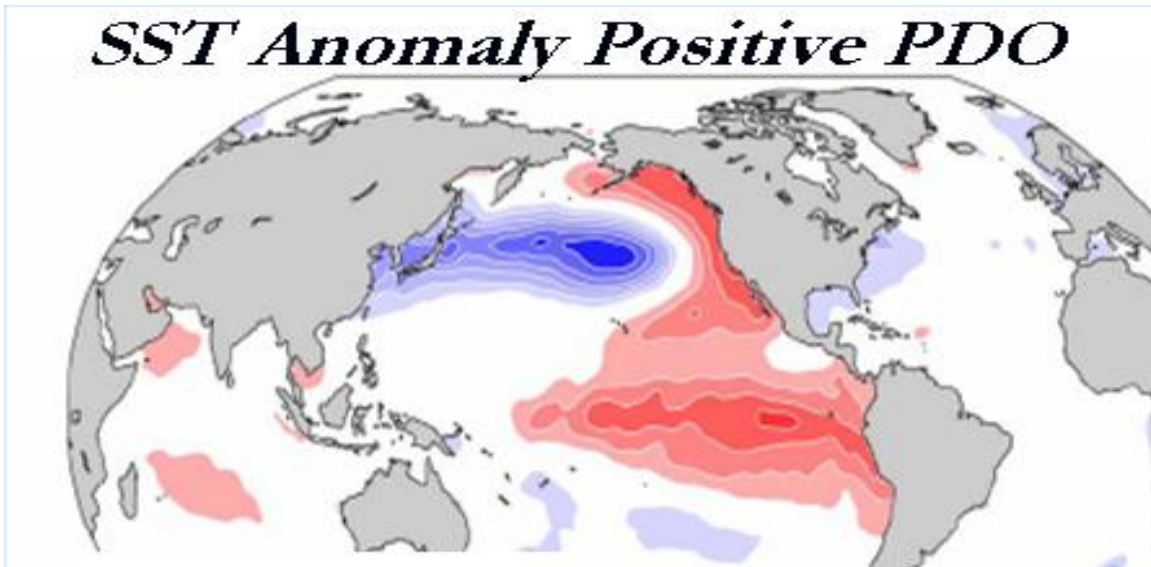


You will notice in that chart a predominance of red spikes after 1977. Red spikes are El Ninos and are acknowledged by all to produce a global warming. The blue spikes pointing down are La Ninas and again as the WMO, Hadley, GISS and NOAA are admitting can (and are now) bringing about global cooling. Notice how they tended to dominate in the period from 1950 to 1977. The predominance of cold La Ninas from 1950 to 1977 would be expected to produce colder global temperatures (which was observed – so much so that by the late 1970s, scientists and governments and the media were worrying a new ice age. This cooling occurred even with the post war boom in economic development and growth and use of energy. The predominance of El Ninos since 1977 would be expected to produce a net global warming which again has been the case.

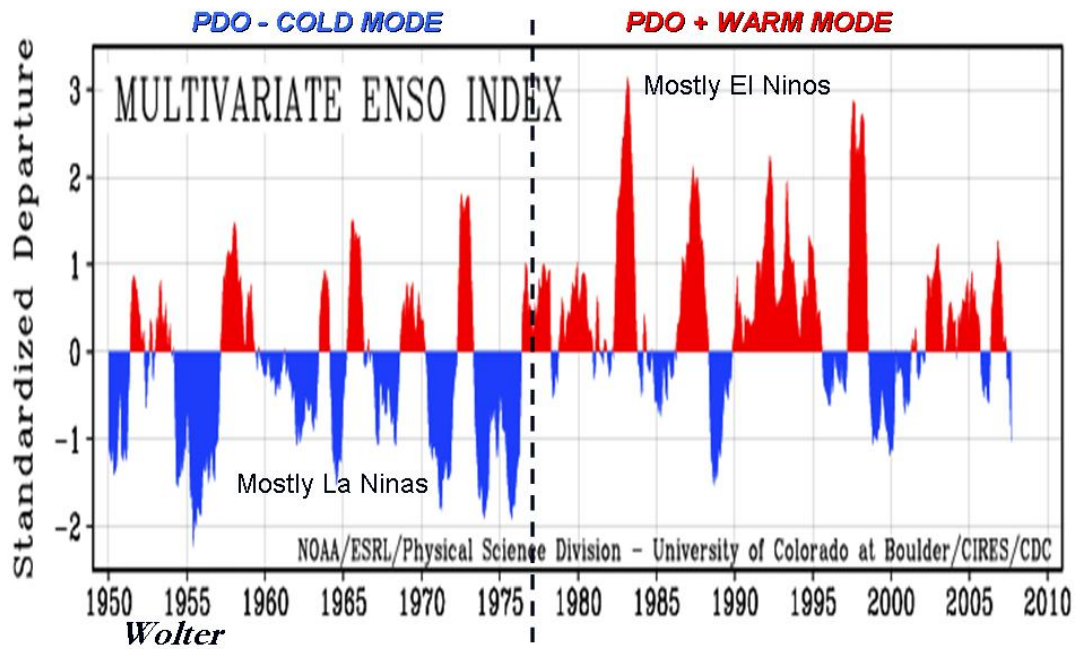
What causes these tendencies. They relate to a large scale multidecadal oceanic flip flop in the Pacific called the Pacific Decadal Oscillation. The change from cold PDO to warm PDO in 1977 was called the Great Pacific Climate Shift and can be seen clearly in the following IPCC chart. The arrow points to that transition which started the warming shortly thereafter.



The following IPCC chart shows the favored water temperatures during the warm mode of the PDO (post 1977). The warm mode favors warm waters in the tropical Pacific El Nino regions, thus it favors El Ninos.

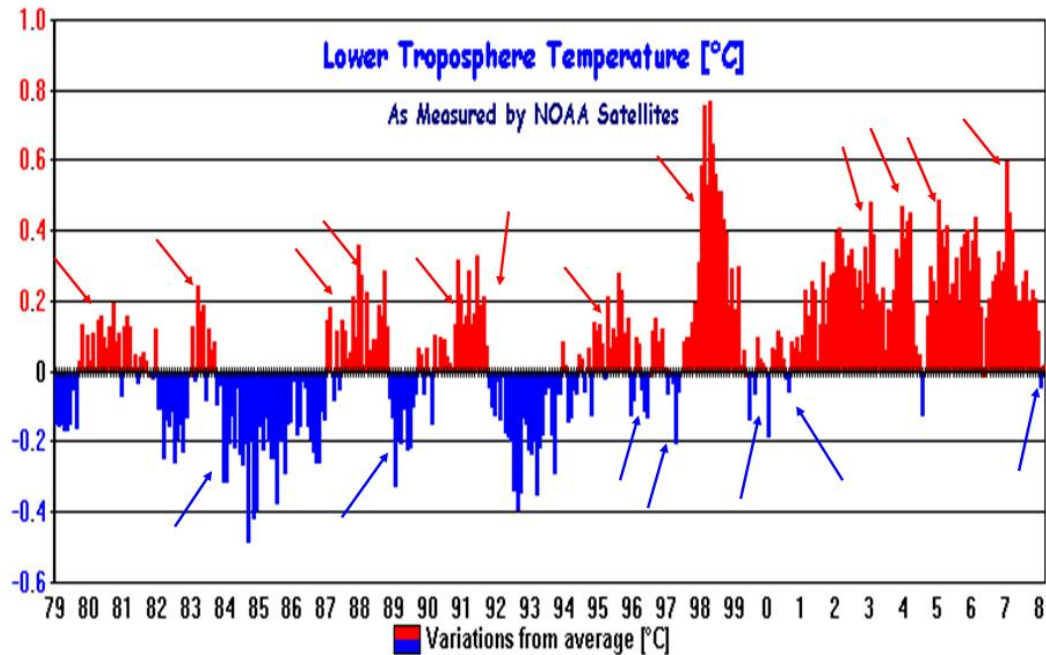


Indeed, if we mark on that same Multivariate ENSO Index in your story the PDO phase you can see clearly how the El Ninos dominated in the warm mode and La Ninas in the cold mode.



How does that correlate with actual global temperatures?

Well unfortunately the most accurate data, that from satellite goes back only to 1979 in the warm positive PDO mode but it shows what you would expect, warm spikes in El Ninos and cold dips in La Ninas. A dominance of El Ninos leads to a net warming. The cold periods in the early 1980s and 1990s on the chart are due to volcanoes (Mt. St. Helens/El Chichon in 1981 and Pinatubo in 1991) which produce cooling for several years until the sun reflecting aerosols they throw into the very high atmosphere fall out.



El Ninos lead to global warming and La Ninas to cooling

So the same chart our friends at the WMO, Hadley, GISS and NOAA use to explain away the turn to colder this year actually explains the decadal changes -a cold era from the 1940s to 1970s and warmth from 1980 to early 2000s. Actually the PDO and ENSO data is available back to 1900 and also would have also explained the cold period from 1900 to the 1920s and the warm period from the late 1920s to the 1940s.

The big news though not reported by the WMO, Hadley, GISS or NOAA is that the Pacific has cooled. Not just the ENSO region but the North Pacific too. The PDO turned sharply colder last year and that has helped this La Nina become so strong.

Since it was 30 years from the last change, we believe this could be another Great Pacific Climate Shift, a reversal back to cold. Add in the sun going to sleep (the 100 and 200 cold cycles superimposed the next few decades) and friends we have cold to worry about not warmth. We may well in the not too distant future look back at the 1980s and 1990s as a modern climate optimum and regret all the unnecessary sacrifices we will have made to try and end it.