.CLIMATE...

OUR ENSO SEASON HEADING INTO THIS SUMMER STAYED UNDER THE CPC

DEFINITION OF A FULL FLEDGED LA NINA. SO OUR SUMMER ANALOGS WILL

HAVE A DIFFERENT SET OF PREVIOUS SUMMERS THAN THE LAST TWO. IN SPITE

OF SOME CHILLY DAYS IN THERE, (MAYBE SURPRISINGLY) BOTH APRIL AND

MAY WERE UNSEASONABLY WARM AGAIN FOR THE FIFTH CONSECUTIVE SPRING.

BY LOCAL DEFINITION, THOSE MONTH`S AVERAGE TEMPERATURES HAVE TO FALL

IN THE TOP THIRD OF ALL MONTHS DATING BACK TO 1872. MAY CAME DOWN TO

THE WIRE. WHILE NEITHER MONTH WAS AS WARM AS SPRING 2012, THEY STILL

CRACKED THE TOP THIRD.

SINCE 1872, THIS COMBINATION HAS OCCURRED ONLY TWENTY-TWO TIMES, BUT

NOW TEN TIMES SINCE 1990. IT SHOULD BE NOTED (AS SOLAR CYCLISTS MIGHT

ALREADY), THE SUMMERS OF 1980, 1991 AND 2002 WERE ALL HOT SUMMERS IN

PHILADELPHIA. THE CURRENT SOLAR CYCLE IS NOT ON PAR WITH THOSE.

NEVERTHELESS, THIS ELEVEN YEAR CYCLE HAS SHOWN ITSELF IN THE ANALOGS.

BECAUSE WE HAVE NOTICED THAT SUMMERS PRIOR TO CPC`S ANALYSIS OF ENSO

CONDITIONS HAVE DRAGGED DOWN THE SKILL OF THESE SUMMER ANALOGS, WE

WILL STOP USING ANALOGS PRIOR TO THE SUMMER OF 1950. THIS ALSO

LEAVES A HOMOGENEOUS ENSO CLASSIFICATION (VS USING JMA

CLASSIFICATION PRIOR TO 1950).

FOR HOTTER OR WORSE, HERE ARE THE FIVE ANALOGS. THESE ARE

TEMPERATURES AND PRECIPITATION FOR PHILADELPHIA FOR

THE UPCOMING SUMMER FOLLOWING UNSEASONABLY WARM APRILS AND

MAYS WITH ENSO NEUTRAL CONDITIONS IN THE TROPICAL PACIFIC.

THE ONE DIFFERENCE WITH THIS ANALOG SET VS THE LAST COUPLE

OF SUMMERS IS THE BACK END HEAT FOR AUGUST. WHILE THE LAST

SEVERAL SUMMERS HAVE BEEN DOWNRIGHT HOT, AUGUST HAS BEEN THE

MONTH CLOSEST TO AVERAGE LEVELS.

YEAR JUNE AVG JULY AVG AUGUST AVG SUMMER AVG SUMMER PCPN

1959 72.2 75.9 76.5 74.9 16.49

1980 70.6 78.5 80.0 76.4 9.11

1991 75.7 79.0 79.0 77.9 12.01

1993 74.4 81.4 78.9 78.2 8.68

2004 71.8 76.3 75.0 74.4 16.65

AVG 72.9 78.2 77.9 76.4 12.59

1981-2010 NML 73.3 78.1 76.6 76.0 11.28

THE EXPERIMENTAL TWO CLASS SEASONAL OUTLOOK BY THE CPC FOR THIS

SUMMER HAS THE MOUNT HOLLY CWA WITH ABOUT A 60 PERCENT CHANCE OF

WARMER THAN NORMAL WEATHER. THE PRECIPITATION OUTLOOK IS FOR EQUAL

CHANCES OF IT BEING EITHER DRIER OR WETTER THAN NORMAL.

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