

SUMMER ANALOGS FOR 2006

IN SPITE OF A COOL START TO MAY, MAY 2006 WILL BE WARMER THAN NORMAL IN PHILADELPHIA. GOING BACK TO 1872, THERE WERE 17 INSTANCES IN WHICH BOTH APRIL AND MAY WERE WARMER THAN THE LONG TERM NORMAL (IN THE UPPER THIRD OF ALL APRILS AND MAYS). BELOW ARE WHAT OCCURRED IN PHILADELPHIA DURING THE ENSUING SUMMERS. WE DID CROSS REFERENCE ENSO STATES AND REMOVED THE TWO THAT WERE TRENDING TOWARD LA NINA CONDITIONS DURING THE SUMMER. THE CURRENT ENSO STATE IS NEUTRAL. THE SUB SURFACE WATER IS WARMER THAN NORMAL THROUGHOUT MOST OF THE TROPICAL PACIFIC. WE ARE NOT ENSO EXPERTS, BUT THIS SHOULD PRECLUDE A LA NINA FROM RE-EMERGING. THE FIFTEEN REMAINING ANALOG YEARS ARE BELOW. IN THE FOR WHAT ITS WORTH DEPARTMENT 1933 HAS MIRRORED 2006 WITH RESPECT TO TEMPERATURES CLOSER THAN ANY OF THE OTHER ANALOG YEARS SO FAR. IT ALSO WAS A VERY ACTIVE HURRICANE SEASON.

YEAR	JUNE AVG	JULY AVG	AUGUST AVG	SUMMER AVG	SUMMER PCPN
1896	70.4	77.6	76.6	74.9	7.80
1922	73.6	75.5	73.0	74.0	9.54
1933	74.4	76.6	76.0	75.7	19.32
1941	71.6	76.1	73.1	73.6	15.62
1942	72.5	77.2	73.1	74.3	15.86
1959	72.2	75.9	76.5	74.9	16.49
1965	73.4	75.1	75.2	74.6	10.12
1977	68.6	77.8	76.2	74.2	15.50
1980	70.6	78.5	80.0	76.4	9.11
1985	68.8	75.4	74.1	72.8	9.36
1991	75.7	79.0	79.0	77.9	12.01
1993	74.4	81.4	78.9	78.2	8.68
1995	74.3	81.5	79.9	78.6	4.69
2001	75.2	75.4	79.9	76.8	8.20
2004	71.8	76.3	75.0	74.4	16.65
AVG	72.5	77.3	76.4	75.4	11.93
1971-2000 NML	72.3	77.6	76.3	75.4	11.50

[Click here to contact the author of this report](#)