

Prediction for the Year 2006

James A. Marusek

20 June 2006

Forecast

Storminess levels will fall very dramatically from 2004 & 2005 levels. The year 2006 will not produce an extreme in either the number of major Atlantic hurricanes (Category 3 or greater) or in the number of major U.S. tornados (F4 or F5). I predict 0-2 major Atlantic hurricanes for 2006.

Rationale

The years 2004/2005 were a double peak producing a total of 13 major Atlantic hurricanes and 9 major U.S. tornados.

Only four double peaks have occurred in the past 56 years.

After the double peak of 1964/1965, the storminess index dropped 6.032. In spite of this dramatic drop in storminess, the levels did not fall below the lower threshold. In 1966 there were 3 major Atlantic hurricanes.

After the double peak of 1984/1985, the storminess index dropped 6.347. 1986 produced 0 major Atlantic hurricanes and the storminess index dropped below the lower threshold.

After the double peak of 1995/1996, the storminess index dropped 4.196. 1997 produced only 1 major Atlantic hurricane and the storminess index dropped below the lower threshold.

The storminess index for 2005 was 7.134.

Definition for Storminess

The storminess index is the sum of (the number of major Atlantic hurricanes for a given year) combined with (the sum of the number of major U.S. tornados for that year divided by the weighting factor 7.47).