

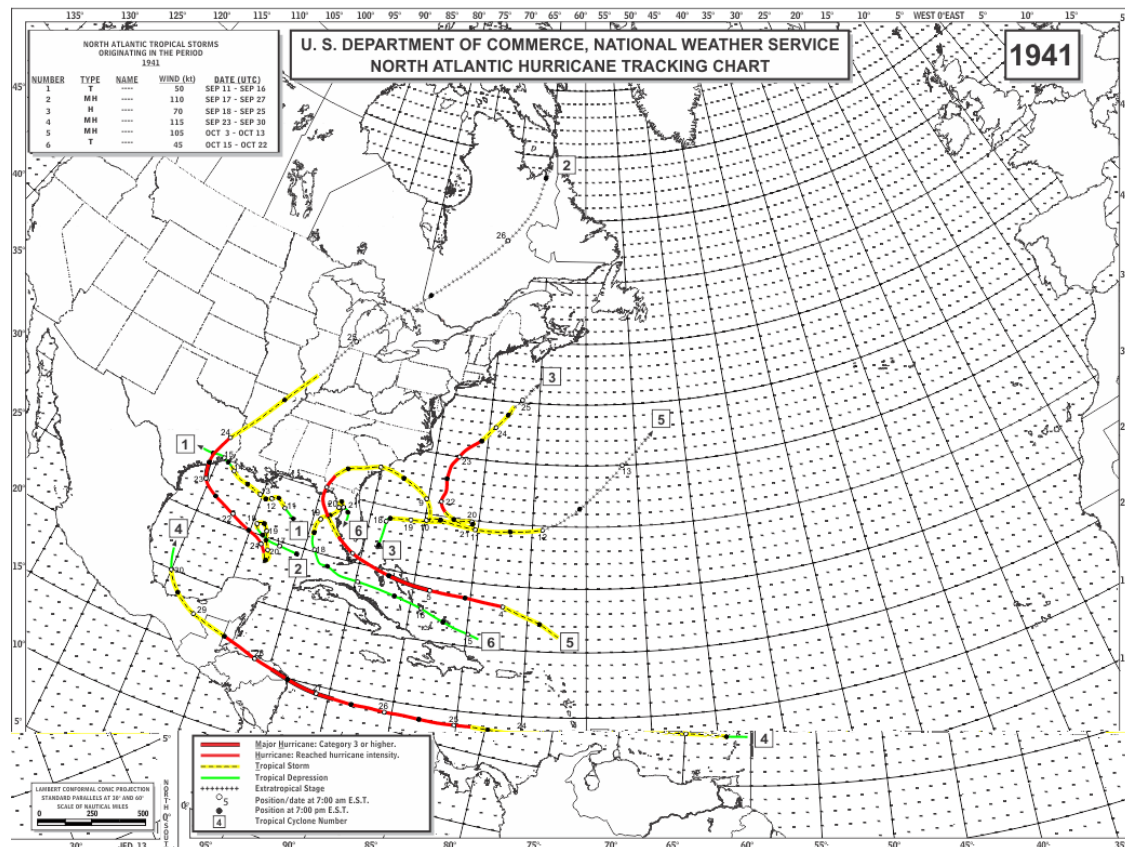


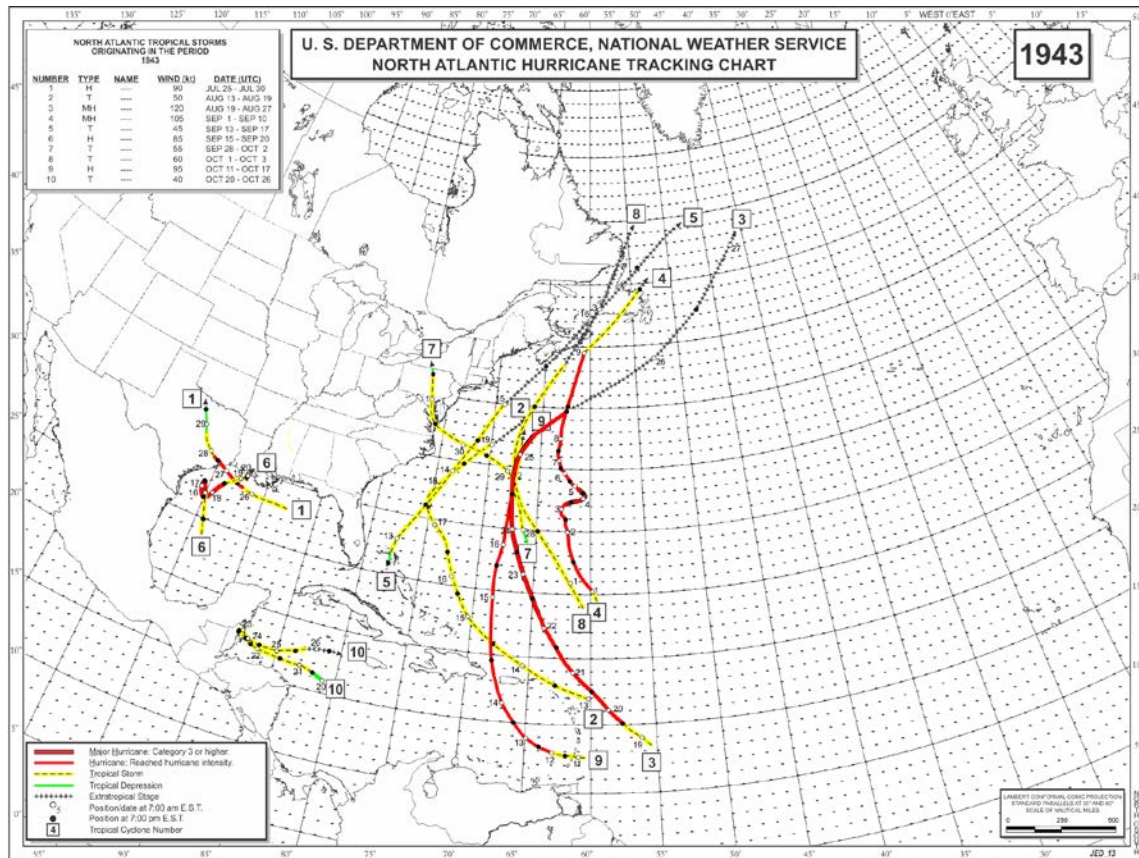
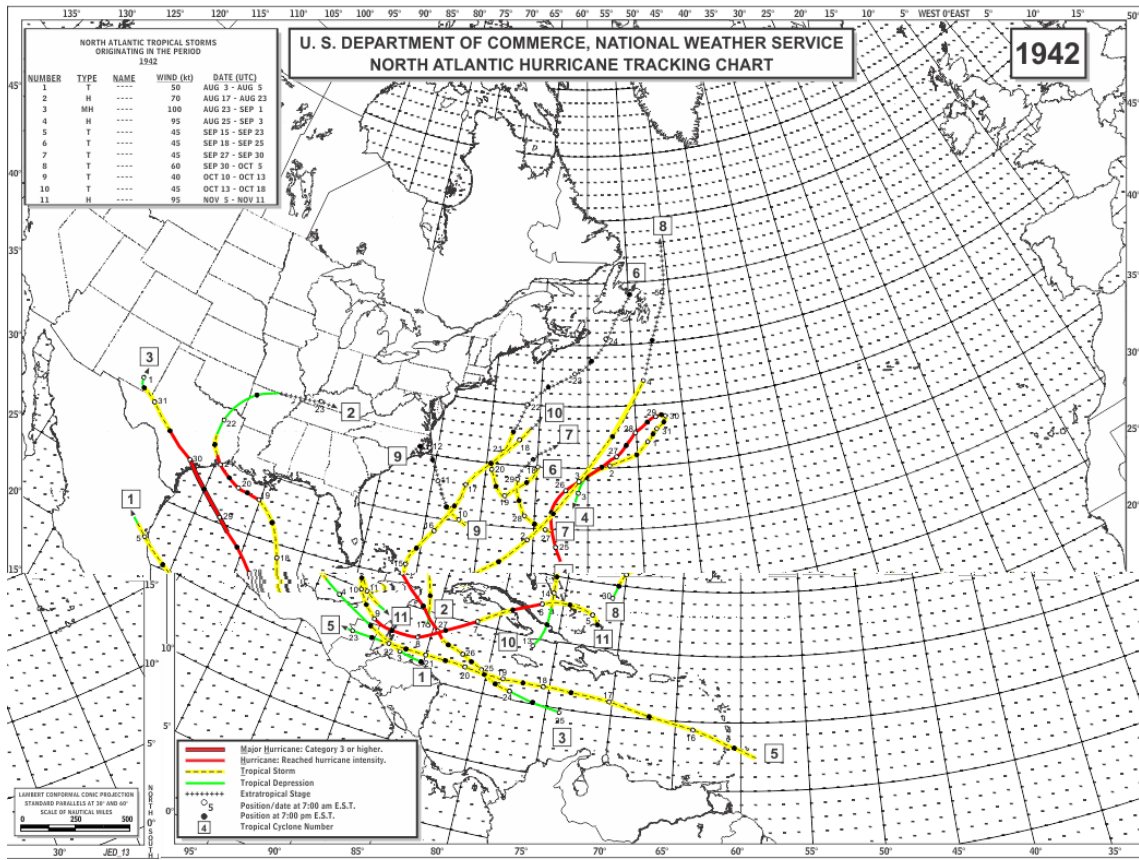
## RE-ANALYSIS OF 1941 TO 1945 ATLANTIC HURRICANE SEASONS COMPLETED

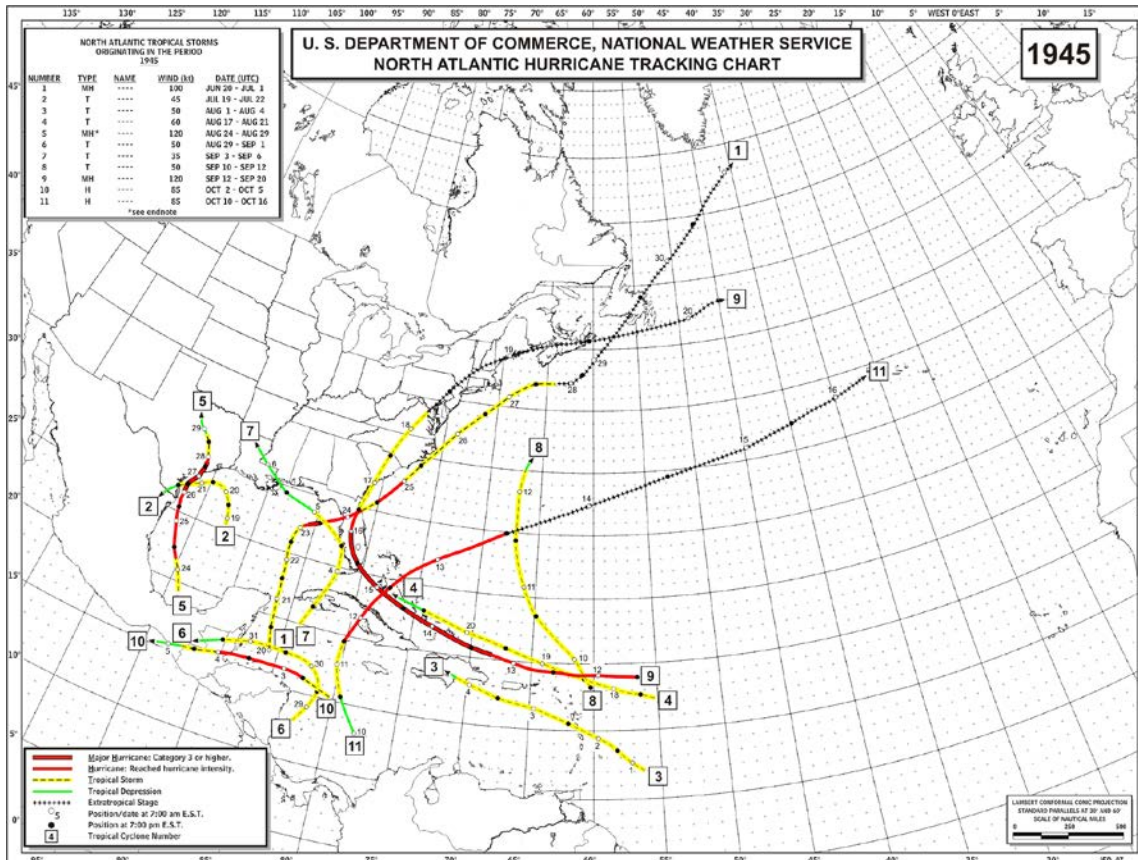
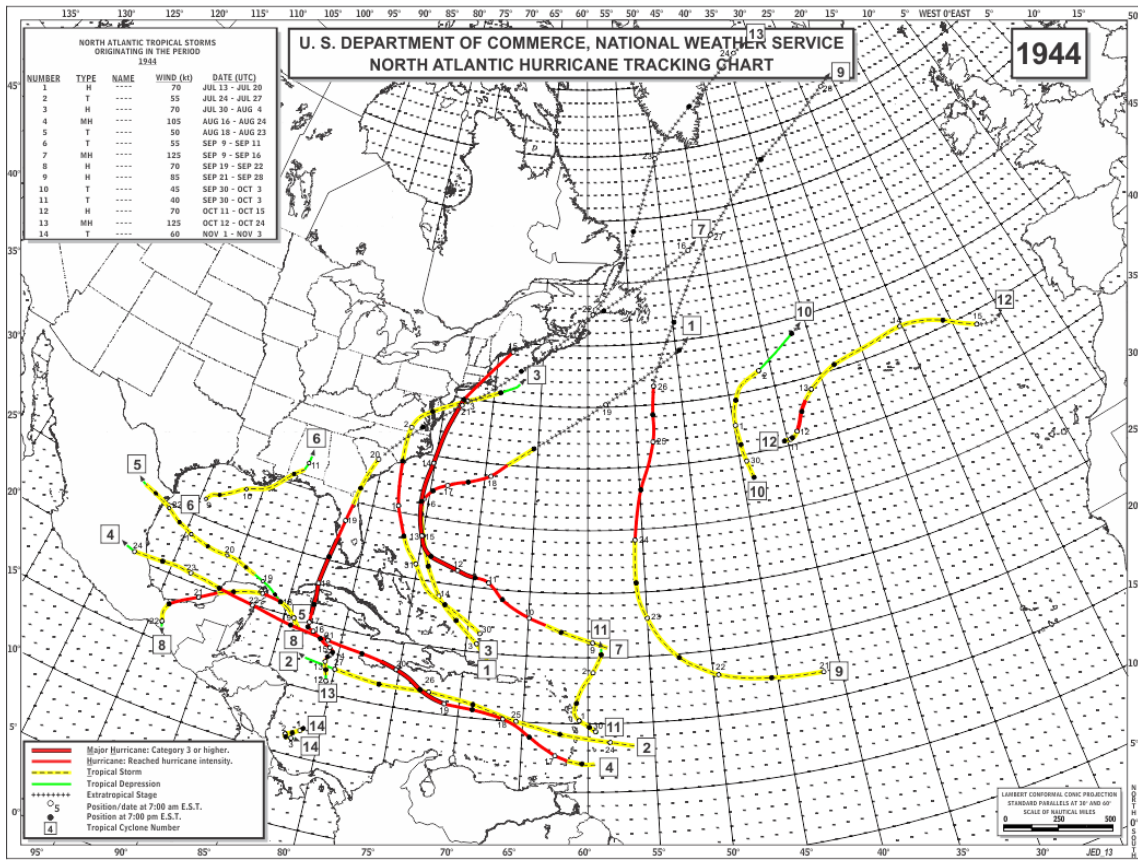
A complete re-analysis of the Atlantic hurricane database (HURDAT) was conducted for the 1941 to 1945 seasons.

Four new tropical storms were discovered and added into the database for this five year period. A notable hurricane from these years is the 1944 Great Atlantic Hurricane, which affected North Carolina, the Mid-Atlantic States and New England, killing 390 people. This hurricane was downgraded from a Saffir-Simpson Hurricane Wind Scale Category 3 to a Category 2 at landfall in New York.

Also in 1944, a severe late season Caribbean hurricane that struck Cuba causing 315 fatalities has been upgraded from a Category 3 to a Category 4 major hurricane at landfall. Additionally, in September 1945 a major hurricane struck Homestead, Florida - bearing many similarities in size, track, and impact to 1992's Hurricane Andrew - and was upgraded from a Category 3 to a Category 4 at landfall.







Andrew Hagen, Cristina Carrasco, Sandy Delgado, Donna Strahan, Chris Lockett, Astryd Rodriguez, Chris Landsea and the NHC Best Track Change Committee all made substantial contributions toward the reanalysis of these hurricane seasons. This research is supported in part by the NOAA Climate Program Office.

NOAA Hurricane Re-analysis Project: [http://www.aoml.noaa.gov/hrd/data\\_sub/re\\_anal.html](http://www.aoml.noaa.gov/hrd/data_sub/re_anal.html)

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