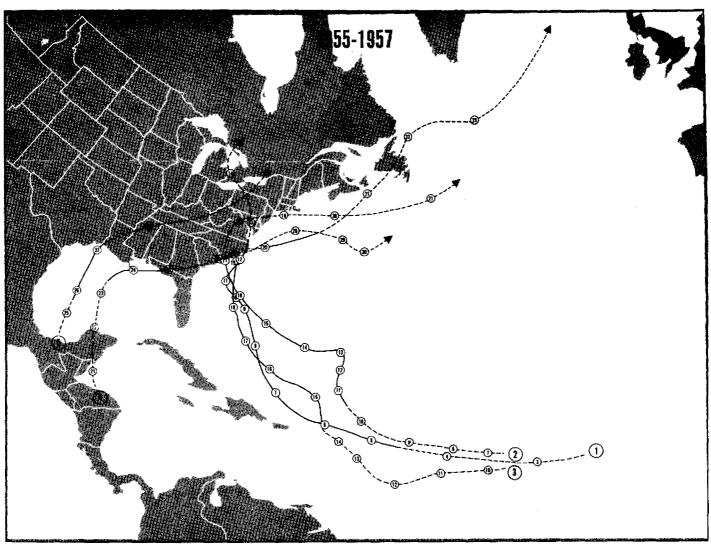


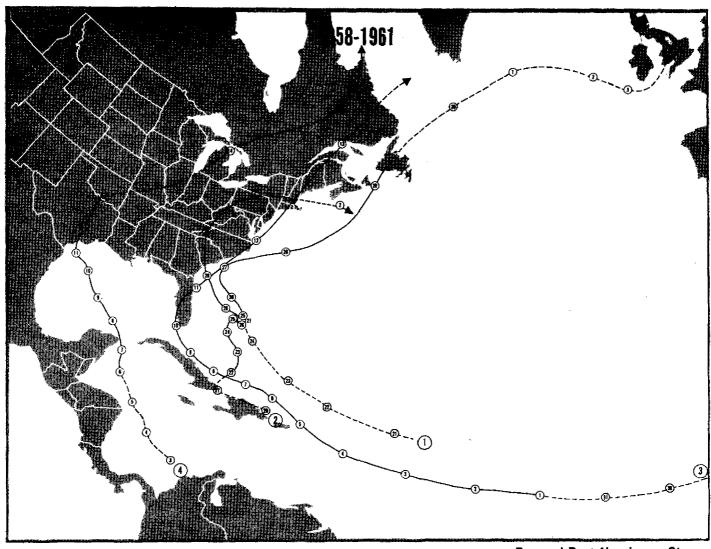
———Pre and Post Hurricane Stages
——Hurricane Stage

DATES OF HURRICANE	AREAS MOST AFFECTED	LAND STATION WITH HIGHEST WIND SPEED	DEATHS (U.S. ONLY)	DAMAGE BY CATEGORY#	DAMAGE
1. 1950, September 1-9	Florida	Cedar Keys, Fla. gust, 125 mph	2	6	Unusual double loop in storm track in the Cedar Keys area. Coast from Sarasota northward suffered extensive wind and tide damage.
2. 1950, October 13-19 KING	Florida	Miami WBO, Fla. 120 mph <sup>1</sup>	4	7	A small violent storm which passed directly over Miami, then up the entire Florida peninsula.
3. 1954, August 25-31 CAROL	North Carolina to New England	Block Island, R. I. 100 mph gust, 135 mph	60	8	Property iosses greatest in any single storm up to this date. Extremely high tides flooded many low-lying regions in New England.
4. 1954, September 2-14 EDNA	New Jersey to New England	Block Island, R. I. 87 mph Martha's Vineyard, Mass. gust 120 mph	21	7	Heavy damage again in New England.
5. 1954, October 5-18 HAZEL	South Carolina to New York	New York City WBO, 113 mph Wilmington, N. C. 82 mph	95	8	Heavy damage in exposed North Carolina shore areas due to wave action superimposed on high tides. Storm retained destructive intensity through Middle Atlantic States.



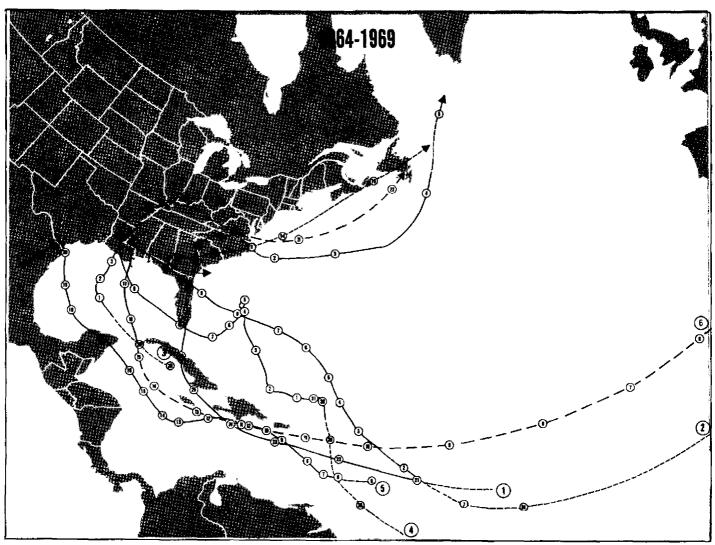
———Pre and Post Hurricane Stages
———Hurricane Stage

DATES OF HURRICANE	AREAS MOST AFFECTED	LAND STATION WITH HIGHEST WIND SPEED	DEATHS (U.S. ONLY)	DAMAGE BY CATEGORY#	DAMAGÉ
1. 1955, August 3-14 CONNIE	North Carolina	Ft. Macon, N.C. 75 mph gust, 100 mph	25	8	Heavy rainfall from North Carolina to New England—varying from 6 inches at many stations to over 12 inches on western Long Island. This rainfall saturated the ground and filled the streams, thus setting the stage for Diane.
2. 1955, August 7-21 DIANE	North Carolina to New England	New York City WBO, 59 mph; Wilmington, N. C. gust, 83 mph	184	9	Heavy rainfall with near-maximum runoff caused general severe floods of entire northeast U.S. Damage exceeded any prior storm of record.
3. 1955, September 10-23 IONE	North Carolina	Cherry Point, N.C. 75 mph <sup>5</sup> gust, 107 mph	7	8	Third hurricane in eastern North Carolina within 5 weeks; 4th in 11 months.
4. 1956, September 21-30 FLOSSY	Louisiana to northern Florida	Burrwood, La. 88 mph <sup>5</sup> gust, 110 mph	15	7	Damage over area from New Orleans and mouth of Mississippi eastward to western Florida.
5. 1957, June 25-28 AUDREY	Texas to Alabama	Sabine Pass CG, Tex. 85 mph gust, 100 mph	390	8	Storm surge over 12 feet caused inundation of flat Louisiana coast by Gulf waters as far as 25 miles inland in some places. Many homes destroyed; off-shore oil installations heavily damaged.



——— Pre and Post Hurricane Stages
——— Hurricane Stage

DATES OF HURRICANE	AREAS MOST AFFECTED	LAND STATION WITH HIGHEST WIND SPEED*	DEATHS (U.S. ONLY)	DAMAGE BY CATEGORY#	DAMAGE
1. 1958, September 21- October 7 HELENE	North Carolina	Wilmington, N.C. 88 mph gust, 135 mph, Cape Fear, N.C. E 125 mph, gust, 150-160 mph	0	7	Center remained at sea. Record winds and low pressure at Wilmington. Strongest winds were offshore and occurred at time of low tide, greatly reducing water and wave damage.
2. 1959, September 20- October 2 GRACIE	South Carolina to Virginia	Beaufort, (MCAAS), S.C. 95 mphs, gust, 138 mph	0	7	Heavy property and crop damage in South Carolina. Twelve deaths were in associated tornado in Virginia.
3. 1960, August 29- September 13 DONNA	Florida to New England	Block Island, R.I. 95 mph gust, 130 mph. Ft. Myers, Fla. 92 mph, Cape Henry, Va. 80 mph	50	8	Record amount of damage in Florida. First storm with hurricane force winds in Florida, Middle Atlantic States, and New England in 75-year record. Winds estimated near 140 mph, with gusts 175-180 mph on central Florida Keys.
4. 1961, September 3-15 CARLA	Texas	Port Lavaca and Matagordo, Tex. E 145 mph. Gust, Port Lavaca, 153 mph†, E 175 mph	46	8	Largest and most intense Gulf coast hurri- cane in many years. Severe damage along wide expanse of Texas coast from unusually prolonged winds, high tides and flooding.



--- Pre and Post Hurricane Stages
----- Hurricane Stage

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DATES OF HURRICANE	AREAS MOST Affected	LAND STATION WITH HIGHEST WIND SPEED*	DEATHS (U.S. ONLY)	DAMAGE BY CATEGORY #	DAMAGE
1 1964, August 20- September 5 CLEO	Southern Florida, Eastern Virginia	Miamı, Fla., E 110 mph		8	First hurricane in Miami area since 1950. Moderate wind damage extensive along Florida lower east coast. Record rainfall and wide-spread flooding from Hampton Roads area southward in Virginia. Tornadoes in southeast Florida and the Carolinas.
2 1964, August 28- September 16 DORA	Northeastern Florida, Southern Georgia	St. Augustine, Fla , E 125 mph	5	8	First storm of full hurricane force on record to move inland from the east over Northeastern Florida
3 1964, September 28-October 5 HILDA	Louisiana	Franklin, La , E 135 mph	38	8	Damage from winds and rains extensive. Offshore oil facilities damaged by winds and waves. Several tornadoes caused most of the fatalities.
4. 1965, August 27- September 12 BETSY	Southern Florida, Louisiana	Port Sulphur, La SSE 136 mph	75	9	Record damage total for a single hurricane. Much of the damage was caused by flooding particularly in Louisiana.
5 1967, Sept. 5-22 Beulah	Southern Texas	Brownsville, Texas, gust, 109 mph measured with damaged anemometer (Freighter SHIRLEY LYKES in Port Brownsville recorded gust of 136 mph)	15	8	Torrential rains from 20 to 30 inches over much of southern Texas produced major floods killing 10 people and causing most of the damage Beulah spawned a record number of tornadoes—155 in all—which killed 5 persons
6. 1969, August 14 <sup>2</sup> 22, <b>Cam</b> ille	Mississippi, Louisiana, Alabama, Virginia, W. Virginia	Gulfport, Miss, E 100 mph, gusts 150-175 mph; Boothville, La., gusts 107 mph at power failure, Trans- world Driffing rig (Maine Pass Block 29) gusts 172 mph	255 dead 68 missing (11-10-69)	9	Record damage for a single hurricane (BETSY caused heavy damage in a more concentrated area), with greatest damage in Mississippi, Louisiana, and Virginia. Storm surge flooding was most severe in the Pass Christian-Long Beach, Miss, area, where tides up to 24.2 feet above mean sea level were measured. Flash floods in Virginia, where up to 27 inches of rain fell within about 8 hours, caused 109 deaths, with 41 persons reported missing.

