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NORTH ATLANTIC TROPICAL CYCLONES

Tracks and Frequencies of Hurricanes and Tropical Storms 1886-1958

George W. Cry, William H. Haggard, and Hugh S. White
Office of Climatology



WASHINGTON, D.C.
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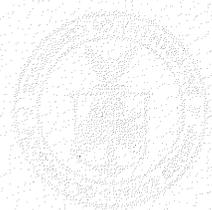
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Tracks and Frequencies of Hurricanes

and Tropical Storms

1950-1959

by
W. C. F. ...
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NORTH ATLANTIC TROPICAL CYCLONES

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INTRODUCTION

The primary purpose of this publication is to consolidate the records of seasonal and chronological occurrences of tropical cyclones in the North Atlantic Ocean. Tropical cyclone tracks are shown in three series of charts, and information on storm frequencies is given in tables and figures.

The charts show: (A) tracks of all known tropical cyclones of tropical storm intensity (sustained winds 39 m.p.h. or over) occurring in each year 1886 through 1958, inclusive; (B) tracks of tropical

cyclones beginning in each 10-day period during the six months of maximum frequency, June through November, for the years 1886 through 1958; and (C) tracks of tropical cyclones beginning in each decade of years, 1891-1950, during the months June, July, and November, and during each 10-day period in August, September, and October. Charts covering the off-season (December through May) are included in series (B) and (C), and partial decadal charts covering 1886-1890 and 1951-1958 are included in series (C).

DATA SOURCES AND RELIABILITY

Data from several sources have been adapted and combined to obtain the final tracks shown here. The bulk of these data was extracted from the various volumes of the Monthly Weather Review. Monthly reports of tropical storm activity and the tracks of each storm appear in most volumes; annual summaries in most years after 1922; and numerous research papers discussing conditions in individual storms have been included from time to time. Discussions of each hurricane season since 1950 are also published in the annual issues of Climatological Data National Summary. These basic sources were supplemented by earlier works on hurricane chronology. The principal studies used include those of Garriott[3] for storm tracks through 1900; Fassig[2] for tracks through 1911; Cline[1] for several storm tracks during the years 1900-1924; Mitchell[4,5] whose comprehensive work included tracks through 1932; and Tannehill[7] for tracks during the years 1901-1955. In addition to this published material, original reports from the Hurricane Forecast Centers were available for the past 15 years, and sets of unpublished tracks prepared at Weather Bureau Office, New Orleans[12] and by Tingley [8] provided additional information.

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Variations in track positions, up to 100 miles or more in exceptional cases, were noted for several storms shown in more than one reference, especially before 1920. Therefore, tracks of all storms considered to have tropical characteristics in each publication were compared with the maps of the Daily Synoptic Series, Historical Weather Maps [9,10,11]. The most consistent positions and intensities were incorporated in a set of annual track charts. These charts were reviewed at the Hurricane Forecast Centers, National Hurricane Research Project, and Extended Forecast Section. These reviews utilized all position data available to these offices. The most accurate and consistent locations possible were thus determined for the final chart series, but the precise locations and intensities of some tropical cyclones, particularly in the earlier years and over the open ocean, were impossible to determine. The network of meteorological stations in the hurricane region was limited and ship reports were not numerous, so that storm positions sometimes had to be estimated from indications observed at stations far from the storm center. This accounts for much of the variation in storm positions.

Improvements in the determination of storm locations have accrued as additional observational networks and im-

proved technical equipment have been developed. The use of aircraft reconnaissance, first undertaken by the U.S. Army Air Corps in 1943, and later by both the U.S. Air Force and U.S. Navy, has proven especially important for earlier storm detection and more accurate storm tracking. The development of storm tracking radar, also in the same decade, has further increased observational capabilities. Ob-

servations at various levels within the storm, possible routinely only from aircraft, have provided additional information both for operational tracking and for research directed toward a complete understanding of the physical mechanisms of tropical cyclones. These techniques are especially valuable in some large ocean areas where surface data are rare or completely missing at times.

TROPICAL CYCLONE TRACKS

STORM TRACK REPRESENTATION

A determination has been made of the daily intensity of each tropical cyclone since 1899, the years for which daily analyses of weather conditions were available, and each track has been drafted to indicate the current intensity. Although detailed data are not abundant for the early years of this century, estimates of the stages in the life cycle of each storm have been based on all available information. The precise locations of intensity changes cannot always be determined with unques-

tioned accuracy but an indication of the locations and times of changes in the intensity and characteristics was believed to be of major importance in depicting tropical cyclone activity.

The tracks in most previous studies show only that each tropical cyclone was believed to have reached hurricane intensity at some point along its path, or that it did not reach that force. In general, no indication was included of the specific areas in which hurricane force winds were observed, or where modifications

TABLE 1.-Intensity Stages for Tropical Cyclones 1899-1958

STAGE	CRITERIA
Development	Closed circulation, sustained winds 38 m.p.h. or lower (1951-1958 only).
Tropical Storm	Closed circulation, sustained winds 39 m.p.h. to 73 m.p.h.; (Beaufort forces 8-11). Winds may be below 39 m.p.h. in portions of some storms prior to 1951.
Hurricane	Sustained winds 74 m.p.h. or higher (Beaufort force 12 and above).
Extratropical*	Tropical cyclone modified by interaction with non-tropical air. In some cases, winds may remain above hurricane force.
Dissipation	Closed circulation, sustained winds 38 m.p.h. or lower.

* The uniform surface temperature and moisture features of low latitude tropical cyclones are usually modified as they move northward. Colder, drier air enters the tropical circulation, the area of gale winds expands, and wind speeds usually decrease. Many features of an extratropical storm develop but tropical features (remnants of an eye, concentrated high winds near the center, and heavy rainfall) may be retained for 24 hours or more. Set rules cannot be established for the location of the transition point, because conditions vary greatly from storm to storm. The points shown here indicate that modification is well advanced in the area indicated. A discussion of the changes in the New England storm of 1938 is given by Pierce [6].

of the physical structure occurred, or the length of time a storm was of hurricane force.

No attempt has been made to divide the storm tracks into intensity stages during 1886-1898 because of more stringent data limitations. The intensity stages shown for the other years are given in table 1.

Positions of storm centers at 7 a.m. EST (1200 GMT) on each day are shown on all charts as open circles; positions at 7 p.m. EST (0000 GMT) are indicated, after 1930, on the annual charts and the decadal charts by solid circles.

ORIGINS

Most tropical cyclones develop in remote sections of the ocean, areas where weather observations are not generally available on a regular basis. During the early stages of development the organized storm circulation covers only a small area in a larger region of squally, disturbed conditions. The tracks indicated in the literature appear to have been started from the point where some evidence of an organized circulation or high winds was first observed. Usually this is not the point of original formation. In some cases it was where a fully developed hurricane was encountered, in others where reports only of unusual wind velocities and unsettled weather indicated the formation of a disturbance. Thus, the origins shown cannot be considered as showing the same conditions in each case. In the determination of the storm origins shown here, some additional information indicating origins at times and places differing from the previously published tracks was found and adjustments were made in several tracks. The exact region of initial storm development could not be precisely determined for all storms, because of meager data, and the locations shown are, in general, the areas where storm conditions were first encountered.

MOVEMENTS

The path of each tropical cyclone is determined by the wind currents in the atmospheric layer from the surface to above 50,000 ft. surrounding the area where the storm is located. These currents are, in turn, influenced by the large-scale atmospheric circulation over a broad area. A majority of all tropical cyclones moves initially in a westerly direction. Three general types of storm movements may be distinguished: westward, recurving, and eastward.

Many westward-moving storms remain at low latitudes, continue to the coasts of the United States or Mexico, pass inland, and dissipate. Some of these westward-moving storms begin to drift northward in the first stage of recurvature but dissipate before the process has been completed.

Most storms drift northward as they are carried along by the easterly winds of lower latitudes. After varying periods of time, these storms move far enough to the north to pass out of the area dominated by easterly winds and approach areas of westerly winds. The storms are then carried eastward and are classified as recurving storms. The point of recurvature is considered to be the most westerly position reached by the storm center. Only those storms which have subsequent positions to the east of the most westerly point reached are included in this recurvature category.

A number of tropical cyclones which develop in the western Caribbean or in the Gulf of Mexico (and occasionally over the Atlantic) are under the influence of westerly winds from inception and move in an eastward direction throughout their course.

Erratic storm movements are not uncommon, and many tracks describe irregular paths, including complete loops or abrupt changes in direction of movement. These

TABLE 2.-General Tropical Cyclone Movements, 1886-1958

	Westward	Recurve	Eastward	Total
All Tropical Cyclones	197	303	81	581
Percent of Total	34	52	14	
Annual Mean	2.70	4.16	1.10	7.96
Hurricanes Only	99	219	21	339
Percent of Total	29	65	6	
Annual Mean	1.35	3.00	0.29	4.64

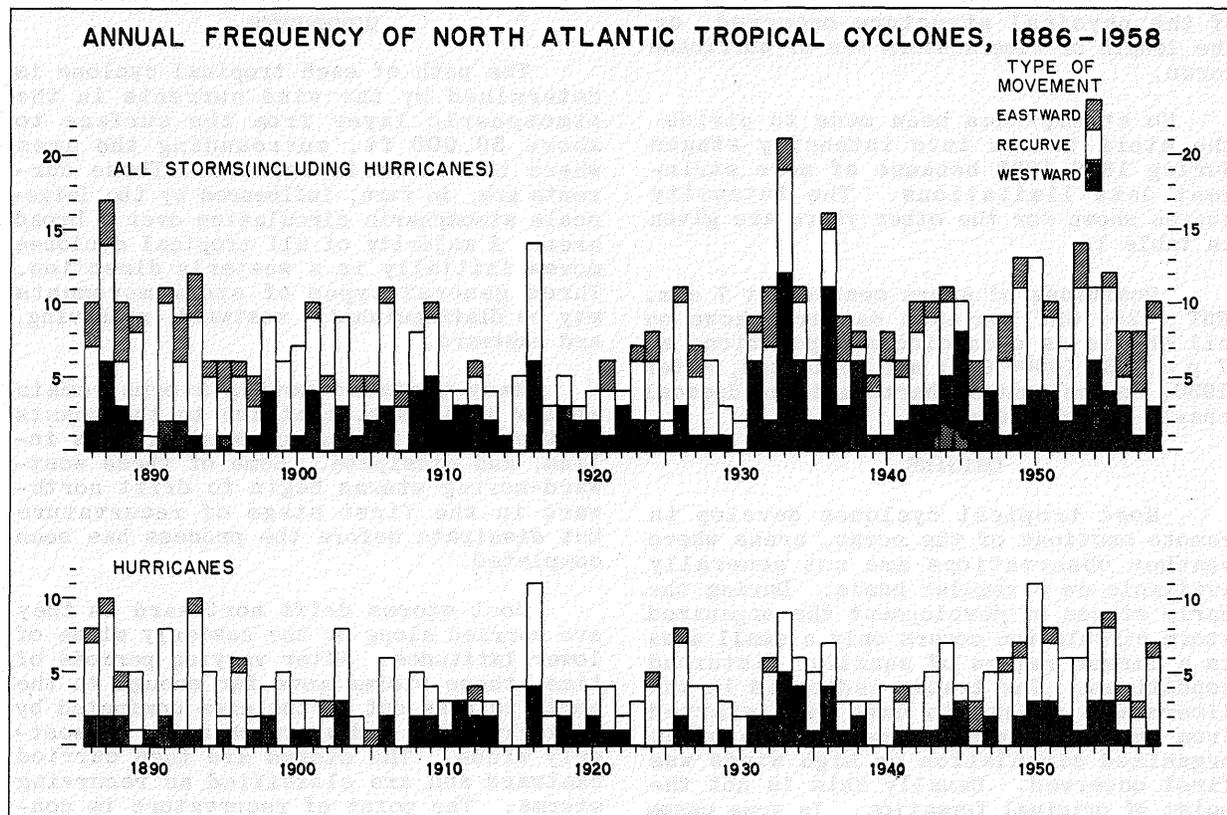


Figure 1.

changes usually occur as the storm passes through areas of light and variable winds characteristic of the transitional zone between the low-latitude easterlies and the middle-latitude westerlies. These smaller-scale motions have not been considered in determining the general movement groupings, which are shown in table 2 and figure 1.

MERGERS

Many of the published tracks reviewed appear to have been carried beyond regions where apparent mergers of tropical cyclones with more intense extratropical Lows took place. General weakening and dispersion of the strong winds and symmetrical pressure pattern around a tropical cyclone usually occur as the storm moves inland or over

ocean areas of cooler water temperatures. In these areas the principal energy source of the storm - the warm water of the subtropical ocean - is removed. The organized circulation dissipates completely in many cases, or the remnants may become part of the circulation around an active extratropical Low moving into the area. In this latter case the tropical cyclone contributes energy to the dominant Low but the organized tropical circulation breaks down. In this study the tracks have been carried only to the area where these mergers appear to have occurred.

Some tropical cyclones acquire the characteristics of extratropical storms but do not merge with existing Lows. These storms have been tracked throughout the extratropical stage.

TROPICAL CYCLONE FREQUENCIES

ANNUAL

During the 73 years since 1886, a total of 581 tropical cyclones, an aver-

age of nearly 8 per year, has been detected and tracked over the North Atlantic Ocean and adjacent land areas. Of this number 339 were of known or estimated hurricane

Table 3. - Monthly and annual frequencies of North Atlantic tropical cyclones, 1886-1958.

	FEB.	MARCH	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL	
	T H	T H	T H	T H	T H	T H	T H	T H	T H	T H	T H	TOTAL
1886				1 2	1	2	2	1 1			2 8	10
1887					1 1	2	3	4 2			7 10	17
1888			1	1 1	1	2	2	1 1	2 1	1 1	5 5	10
1889				1		1	2 3	1			4 5	9
1890						1					1	1
1891					1	2	3	2 2	1		3 8	11
1892				1		1	2	2 1			5 4	9
1893				1 1	1		3	1	1		2 10	12
1894						1 1	1	3			1 5	6
1895						1 1	1	2 1			4 2	6
1896					1	1	2	2			6	6
1897						1	1	2			3 2	5
1898						2	3 2	2			5 4	9
1899					1	2	1	1 1			1 5	6
1900						1	1 2	3			4 3	7
1901				1	1 1	2	3	2			7 3	10
1902				1 1	1	1	1 3	2	1		2 3	5
1903					1	1	1 1	2	1		1 8	9
1904				1			3	1 1			3 2	5
1905								1 1			4 1	5
1906				1 1		1	1 2	2 2	1		5 6	11
1907				1			2	1			4	4
1908		1			1	1	1 2	1 1			3 5	8
1909				2	1 1	1 1	1 1	1	1		6 4	10
1910						1	2	1			1 3	4
1911						2	1	1			1 3	4
1912				1 1	1	1	1	2	1		2 4	6
1913					1			1			1 3	4
1914					1	2	1 2				1	1
1915											1 4	5
1916				1	2	3	2 2	1 2	1		3 11	14
1917						1 1	1 1				1 2	3
1918						1 2	1 1				2 3	5
1919					1		1 1		1		2 1	3
1920							4				4	4
1921				1 1			1 2	1 1			2 4	6
1922				1		1	1	1 1			2 2	4
1923						2	1 1	4 1			4 3	7
1924				1			1 1	1 1	1		3 5	8
1925							1		1		1 1	2
1926					1	2	1 4	1 1	1		3 8	11
1927						1	3	3			3 4	7
1928						2	2 1	1			2 4	6
1929				1			1	1			2 3	5
1930						2					2	2
1931				1	1	2	1 2	1	1		7 2	9
1932			1		1	3	2 1	2 1	1		5 6	11
1933			1	1	2 1	4 3	2 3	2 1	1		12 9	21
1934			1	1 1	1	1 1	1 1	2 1	1		5 6	11
1935						1 2	1	2			1 5	6
1936				2 1	1 1	3 3	2 2	1			9 7	16
1937				1	1	3	3 3				6 3	9
1938					1	2	1 1	3	1		5 3	8
1939				1		1	1	2			2 3	5
1940			1			3	1 1	2			4 4	8
1941							1 3	1 1			2 4	6
1942						3	3	3	1		6 4	10
1943					1 2	1 1	2 2	2 1			5 5	10
1944					1 1	1 1	1 3	1 1			4 7	11
1945				1	1	3 1	2 1	1			6 4	10
1946				1	1	1	1	1 1			3 3	6
1947					1	2	2 1	1 2			4 5	9
1948			1		1	1 1	3	1			3 6	9
1949						1 2	3 4	1 1	1		6 7	13
1950						4	3	2 4			2 11	13
1951			1			1 2	1 3	2			2 8	10
1952	1					2	2	2			1 6	7
1953			1			1 2	1 3	3 1	1		8 6	14
1954				1	1	2	1 3	1 1	1	1 1	3 8	11
1955					1	3	5	1 1			3 9	12
1956				1	1	1	3 1	1			4 4	8
1957				1 1		1	2 2	1			5 3	8
1958				1		1 3	1 3	1			3 7	10
TOTALS	1	1	7 2	21 16	18 21	34 99	70 123	74 64	15 11	2 2	242 339	581

CUMULATIVE DEPARTURE FROM ANNUAL AVERAGE NORTH ATLANTIC TROPICAL CYCLONES 1886-1958

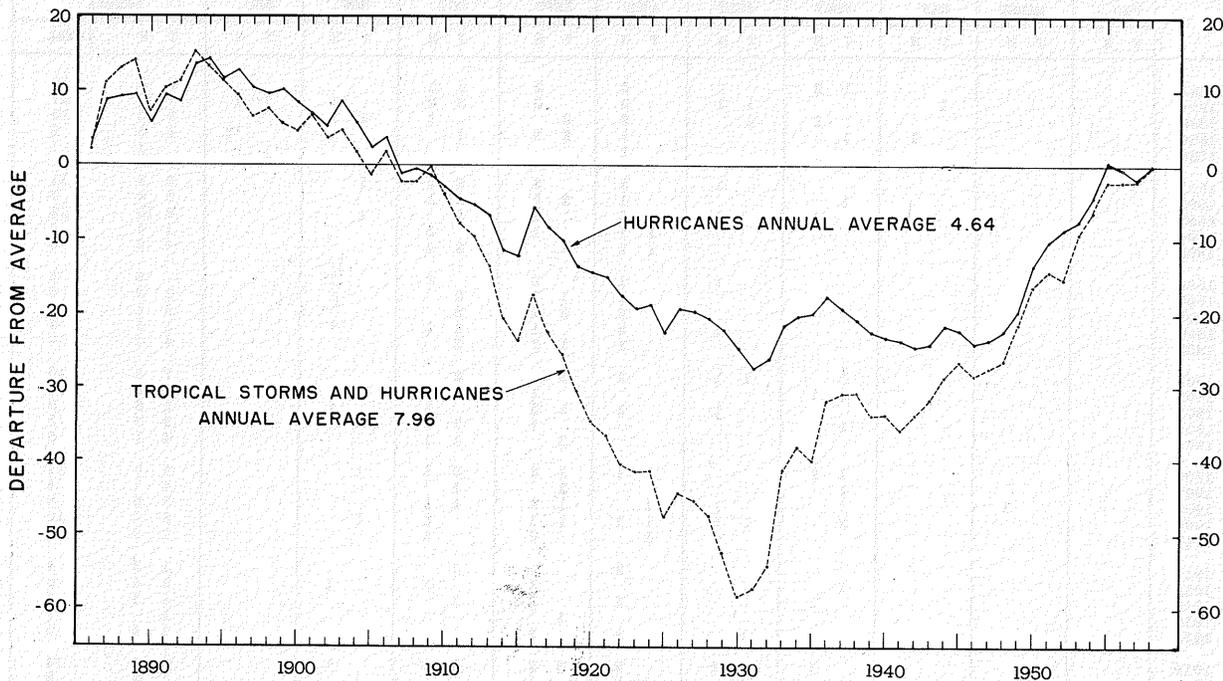


Figure 2.

intensity (sustained winds of 74 m.p.h. or higher).

The annual frequencies of tropical cyclones, shown in figure 1 and table 3, have varied widely, ranging from minima of 1 storm in 1890 and 1914 to a maximum of 21 storms in 1933. The most frequent annual numbers are 6 and 10, observed in 10 and 9 years, respectively. The frequencies of storms reaching hurricane force range from zero in 1907 and 1914 to maxima of 11 in both 1916 and 1950, and the most frequent annual numbers are 3 and 4, observed in 14 years each.

Three periods of varying levels of tropical cyclone activity are evident in figure 1. In the years before 1910 the median number of storms observed annually was 8, and approximately 58 percent were of hurricane intensity. During the years 1910-1930 the median number dropped to 5, and approximately 68 percent reached hurricane intensity. Since 1931 the median number has been 10 storms, with 55 percent reaching hurricane intensity.

Figure 2 illustrates some of the variations mentioned above. This graph shows the cumulative departure from the

annual average for all storms (7.96) and for hurricanes (4.64). Considering total tropical cyclone activity, the first years were generally active, with only 1890 below average. Beginning in 1894, however, a steady downward progression of activity occurred, becoming more pronounced after 1909. Only 9 years showed average or above frequencies between 1894 and 1930, and only 2 years (1916 and 1926) showed a very active nature during the latter 2 decades. In 1931-1936 a sharp increase in the number of storms occurred and a generally high level of activity has been sustained since; there have been only 5 seasons with below average numbers during the last 28 years.

The hurricane departure in figure 2 follows the total curve closely, and shows variable activity in the first years, and 8 years above average in 1894-1930. Since 1931, however, (in contrast to total storms) 12 years have been below the average, including one group of 6 consecutive seasons, 1937-1942. During the years 1947-1955 high hurricane activity was noted, followed by near average conditions in the last 3 years.

The higher frequencies of both trop-

ical storms and hurricanes in the years since 1931 can be partially explained by improved detection and observational techniques. A gradual increase in available data would result logically in a gradual increase in the number of storms observed. However, the general decline of activity from the late 19th century to 1930, the abrupt increase in the early 1930's and the generally sustained high level of activity since that time cannot be entirely accounted for by increased observations. No major changes in observational networks or procedures were initiated in the early 1930's, but the number of tropical cyclones detected in the Gulf of Mexico-Western Caribbean area has increased somewhat since that time. Before 1932 an average of 2.35 storms per year was detected west of 75°W. in the Gulf of Mexico or the Caribbean. Since 1932 an average of 3.93 storms per year has been detected in that area. The total frequency in all areas has increased from 6.7 to 10.1 for these periods, indicating that some one-half of the increase has been due to Caribbean and Gulf of Mexico storms. The geography of the area dictates that most storms originating there must pass over or near land, and that a large majority of these storms would be detected. The frequency of relatively short and minor storms has also increased since 1932. Some of these short-lived storms which did not approach land probably escaped detection in the earlier years.

A secular fluctuation in hurricane frequency during the past 15 years may have resulted from increased observational accuracy, however. More accurate estimates of intensity have been possible since the beginning of the extensive aircraft reconnaissance in the mid-1940's. Several storms which did not approach land have been verified as hurricanes by reconnaissance when data available from ships and land stations would not have indicated this intensity.

Table 5 contains general information on the life history of each tropical cyclone and includes the dates of occurrence, the maximum intensity, and the approximate location of origin or detection, the dates and locations of first hurricane intensity, the dates and locations of recurvature, the approximate number of days each storm was of certain intensities, and the maximum intensity of each storm as the center crossed the United States coastline.

SEASONAL

The seasonal distribution of tropical cyclone occurrences is shown in table 4.

Storms beginning during each 10-day period between June 1 and November 30, and monthly and seasonal totals in each decade of years are included. Hurricanes are counted under the period of initial detection. In some cases hurricane conditions did not begin until the succeeding 10-day period.

The tropical cyclone season may be considered as beginning in mid-June, with generally low frequencies until late July or early August. A steady increase, both of storm frequency and intensity, occurs through the first 10 days of September, when an average of one storm per year begins. A slow decline in frequency sets in after this time but activity remains relatively high through October 20, when a drop to a much lower level occurs, continuing through November. Developments during the months December through May are rare with only 4 storms (2 hurricanes) originating in December, 1 in February, 1 hurricane in March, and 9 storms (2 hurricanes) in May during 1886-1958.

STORMS AFFECTING THE UNITED STATES

The annual number of tropical storms and hurricanes entering or affecting the various coastal sections is shown in figure 3. The bottom graph gives the annual number of tropical cyclone centers which crossed the coastline. These storms are classified according to the maximum intensity at the time of coastal penetration. A total of 261 tropical cyclone centers, 142 of hurricane intensity and 119 of tropical storm force, have crossed the coastline since 1886. Storms which entered the coast twice at widely separated points, for example in Florida and again in Texas, are counted only once on this graph.

The upper 7 graphs of figure 3 include all storms known to affect each group of States and show the frequency of those storms which caused either high winds, heavy precipitation, or high storm tides, although in some cases the storm center remained off-shore or passed inland in another region. The increased overall frequency of tropical cyclones in recent years is not fully reflected in the number of storms entering the United States.

The intensity of every storm in each area has been estimated from all available reports and classified as hurricane, (winds 74 m.p.h. or over) tropical storm, (winds 39 to 73 m.p.h.) or depression, (winds 38 m.p.h. or less). Rapid decreases in surface wind speeds usually occur soon after a tropical cyclone moves over land, due to the effects of surface friction and the loss of

Table 4. - Seasonal (10-day) - decadal frequencies of North Atlantic tropical cyclone origins, 1886-1958.

		1886-1890	1891-1900	1901-1910	1911-1920	1921-1930	1931-1940	1941-1950	1951-1958	Total Period 1886-1958		
		H T	H T	H T	H T	H T	H T	H T	H T	H	T	Total
JUNE	1-10	0 0	0 1	0 2	0 1	0 0	1 0	0 0	0 1	1	5	6
	11-20	2 2	1 0	2 2	0 0	1 2	0 3	1 1	0 2	7	12	19
	21-30	1 0	0 0	0 3	2 0	1 0	2 1	0 0	2 0	8	4	12
JUNE	1-30	3 2	1 1	2 7	2 1	2 2	3 4	1 1	2 3	16	21	37
JULY	1-10	0 1	3 0	1 1	0 1	0 0	0 0	1 1	0 0	5	4	9
	11-20	2 0	0 0	2 0	2 1	0 0	0 2	1 1	0 0	7	4	11
	21-31	0 1	1 0	1 1	0 1	1 0	3 3	2 2	1 2	9	10	19
JULY	1-31	2 2	4 0	4 2	2 3	1 0	3 5	4 4	1 2	21	18	39
AUGUST	1-10	0 0	2 1	2 0	3 1	3 0	4 5	1 1	3 3	18	11	29
	11-20	6 0	8 1	0 0	1 0	2 0	4 5	6 3	4 0	31	9	40
	21-31	2 0	7 0	3 3	7 1	5 0	10 4	8 4	8 2	50	14	64
AUGUST	1-31	8 0	17 2	5 3	11 2	10 0	18 14	15 8	15 5	99	34	133
SEPTEMBER	1-10	3 1	7 2	5 2	6 3	6 4	9 3	8 6	10 3	54	24	78
	11-20	4 1	5 4	4 5	4 1	3 1	4 4	8 6	3 5	35	27	62
	21-30	1 2	5 2	3 5	4 0	5 1	2 6	5 2	9 1	34	19	53
SEPTEMBER	1-30	8 4	17 8	12 12	14 4	14 6	15 13	21 14	22 9	123	70	203
OCTOBER	1-10	3 3	4 8	6 2	2 2	1 2	2 5	6 6	4 4	28	32	60
	11-20	1 1	3 3	4 4	2 0	6 7	2 4	7 5	4 0	29	24	53
	21-31	0 2	3 4	0 3	0 1	0 2	3 4	0 1	1 1	7	18	25
OCTOBER	1-31	4 6	10 15	10 9	4 3	7 11	7 13	13 12	9 5	64	74	138
NOVEMBER	1-10	0 1	0 2	0 3	0 0	1 0	1 1	2 1	0 0	4	8	12
	11-20	1 0	0 0	1 0	2 1	0 1	1 1	0 0	0 1	5	4	9
	21-31	1 1	0 0	0 0	0 0	1 0	0 1	0 0	0 1	2	3	5
NOVEMBER	1-31	2 2	0 2	1 3	2 1	2 1	2 3	2 1	0 2	11	15	26
DECEMBER-MAY		2 2	0 0	1 0	0 0	0 0	0 4	0 1	2 3	5	10	15
TOTAL		29 18	49 28	35 36	35 14	36 20	48 56	56 41	51 29	339	242	581

ANNUAL NUMBER OF TROPICAL CYCLONES AFFECTING THE UNITED STATES 1886-1958
 (ONE STORM MAY AFFECT SEVERAL STATES)

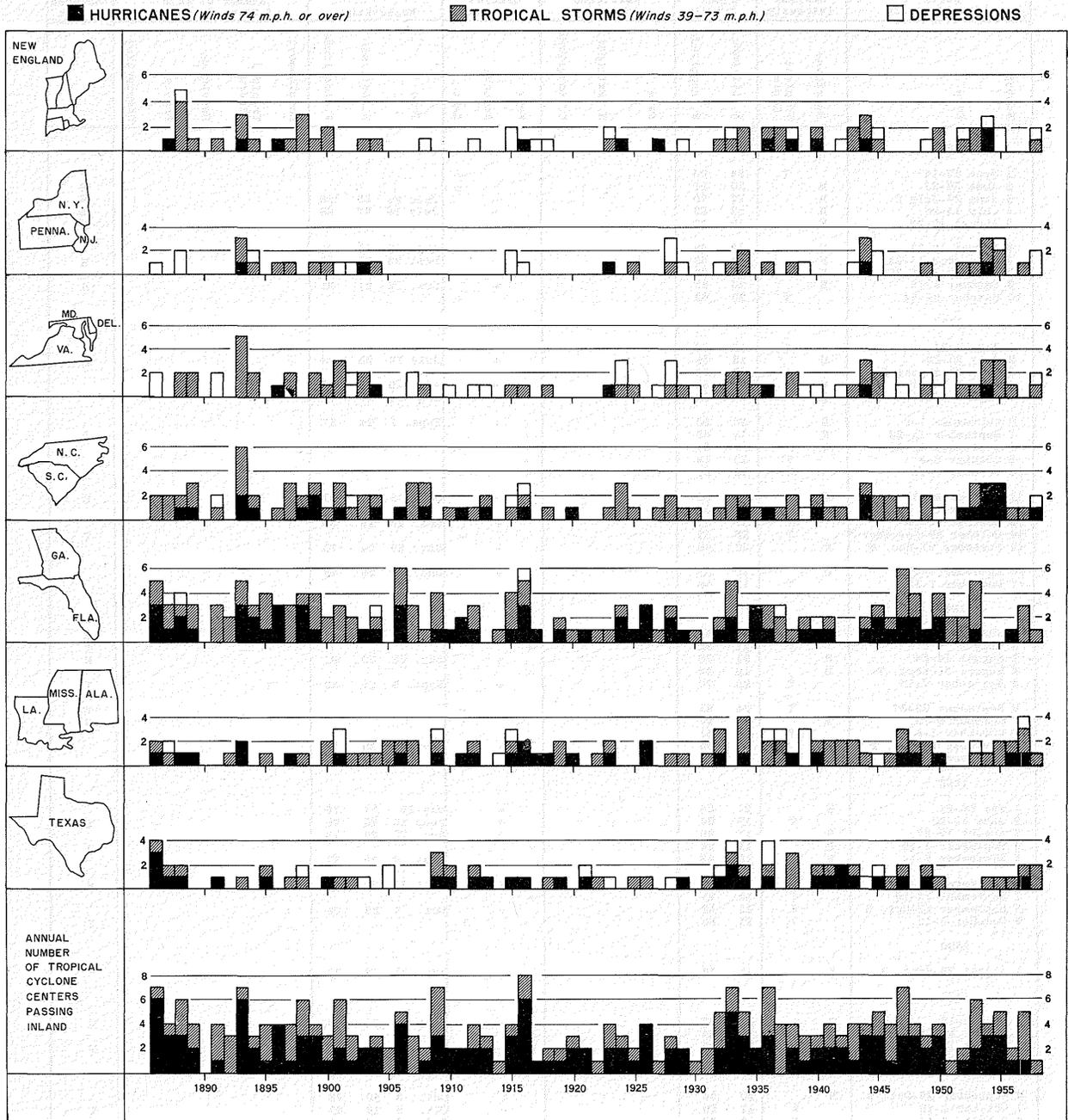


Figure 3.

the principal energy source. For example, a storm moving northward inland from the coast after entering western Florida with hurricane winds may have tropical storm winds (50 to 60 m.p.h.) in South Carolina

and depression winds (below 40 m.p.h.) in Virginia and Pennsylvania, although heavy rains may accompany the weakening storm through its path and persist after no strong winds remain.

Table 5. - Data on the life history of North Atlantic tropical cyclones, 1885-1958.

Storm Identification		Maximum Intensity	Storm Origin		Hurricane Intensity		General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S. x		
Number	Date	Hurricane Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating		
1886																				
1	June 13-14		T	24	96															T
2	June 20-23	H		20	86															H
3	June 27-July 2	H		17	79						June 29	25	89							H
4	July 14-20	H		19	83				+		July 16	27	89							H
5	August 12-20	H		10	57															H
6	August 16-27	H		12	58						Aug. 22	23	80							
7	September 15-24	H		14	60						Sept. 23	27	97							H
8	September 26-30	H		21	65				+											
9	October 8-13	H		20	83						Oct. 12	31	93							H
10	October 22-24		T	20	69															
1887																				
1	May 17-21		T	18	79															
2	July 20-28	H		12	59						July 26	25	88							H
3	July 30-August 7		T	10	50															
4	August 16-29	H		23	61						Aug. 20	29	80							
5	August 19-31	H		17	57						Aug. 23	30	78							
6	September 1-6	H		28	53						Sept. 2	34	57							
7	September 11-22	H		13	56															
8	September 15-18	H		26	54															H
9	October 6-8		T	20	84															
10	October 9-11		T	19	81															
11	October 9-23	H		19	60						Oct. 18	28	91							H
12	October 11	H		28	38															
13	October 16-19		T	16	51						Oct. 18	25	56							
14	October 29-November 9		T	25	85															T
15	November 27-Dec. 8	H		22	66						Nov. 29	24	75							
16	December 4-10	H		18	52						Dec. 5	26	63							
17	December 7-12		T	12	58															
1888																				
1	June 17	H		28	94															H
2	July 5		T	27	95															T
3	August 14-24	H		21	70						Aug. 19	30	92							H
4	August 31-Sept. 7	H		19	59															
5	September 7-16		T	26	76						Sept. 9	29	83							T
6	September 23-27		T	24	81															T
7	October 8-12	H		21	94															H
8	November 1-8		T	12	61															
9	November 17-Dec. 2	H		25	55						Nov. 23	30	75							
10	November 21-23		T	29	66															
1889																				
1	May 16-21	H		21	64						May 19	31	75							
2	June 15-23		T	19	84						June 16	25	86							T
3	August 19-27	H		17	69						Aug. 23	28	76							
4	September 1-12	H		11	54															H
5	September 2-11	H		15	42						Sept. 6	28	57							
6	September 11-26	H		15	59						Sept. 21	22	96							H
7	September 12-19		T	15	25															
8	September 29-Oct. 6		T	11	52						Oct. 4	28	68							
9	October 5-10		T	21	82															T
1890																				
1	August 26-Sept. 3	H		16	54						Aug. 29	28	70							
1891																				
1	July 3-12	H		21	92						July 5	27	96							H
2	August 17-29	H		13	24															
3	August 18-25	H		13	57															T
4	September 2-10	H		19	58						Sept. 6	32	71							
5	September 16-Oct. 1	H		19	46						Sept. 21	32	63							
6	September 29-Oct. 9	H		20	54						Oct. 5	40	68							
7	October 1-10		T	17	59						Oct. 6	19	81							T
8	October 6-11		T	16	83						Oct. 8	21	85							T
9	October 8-22	H		24	57						Oct. 11	34	74							
10	October 12-22	H		12	61						Oct. 16	25	66							
11	November 3-8		T	24	74															
1892																				
1	June 10-16		T	23	86															T
2	August 16-25	H		18	56						Aug. 19	28	68							
3	September 3-17	H		11	33						Sept. 11	31	55							
4	September 9-17		T	21	92						Sept. 9	25	94							T
5	September 13-23	H		15	19						Sept. 21	32	51							
6	September 25-27		T	19	92															
7	October 6-15	H		11	58															
8	October 13-29		T	30	71															
9	October 21-Nov. 1		T	23	92															T

Table 5. - Continued.

Storm Identification		Maximum Intensity	Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S. x
Number	Date	Hurricane Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating	
1893																			
1	June 12-28	H	21	95						+									H
2	July 4-6	H	10	79															
3	August 13-26	H	09	50					+		Aug. 19	28	76						H
4	August 15-Sept. 2	H	14	36					+		Aug. 23	38	74						
5	August 15-18	H	32	59					+		Aug. 16	37	67						
6	August 17-Sept. 5	H	16	29					+		Aug. 27	32	82						H
7	August 20-29	H	12	27					+		Aug. 26	26	41						
8	September 6-10	H	19	86					+		Sept. 7	26	93						H
9	September 25-Oct. 15	H	12	25					+		Oct. 12	30	80						H
10	September 27-Oct. 5	H	16	81					+		Oct. 1	27	91						H
11	October 20-23	T	24	87															T
12	November 5-15	T	18	80						+									
1894																			
1	August 6-8	T	27	89						+									T
2	August 30-Sept. 9	H	13	33					+		Sept. 5	28	60						
3	September 18-30	H	12	50					+		Sept. 24	24	82						H
4	October 1-12	H	12	79					+		Oct. 7	26	87						H
5	October 11-19	H	11	57					+		Oct. 15	26	67						
6	October 21-Nov. 4	H	30	62					+		Oct. 24	27	75						
1895																			
1	August 16	T	27	91						+									T
2	August 22-29	H	13	58					+										H
3	September 28-Oct. 15	T	19	86					+		Sept. 29	22	90						
4	October 2-7	T	17	82					+		Oct. 6	25	91						T
5	October 12-26	H	12	46					+		Oct. 20	22	80						
6	October 13-16	T	19	94						+									T
1896																			
1	July 4-12	H	20	80					+		July 6	27	86						H
2	August 30-Sept. 11	H	14	60					+		Sept. 4	24	78						H
3	September 18-28	H	17	54					+		Sept. 22	28	74						H
4	September 22-Oct. 1	H	17	62					+		Sept. 28	24	86						H
5	October 7-16	H	23	90					+										H
6	October 26-Nov. 9	H	09	44					+		Oct. 30	17	56						
1897																			
1	August 31-Sept. 10	H	14	24					+		Sept. 5	26	51						H
2	September 10-13	H	23	79					+										T
3	September 20-25	T	22	85					+										T
4	October 10-26	T	12	62					+		Oct. 16	22	86						T
5	October 23-Nov. 6	T	23	77					+										T
1898																			
1	August 2-3	H	27	79					+										H
2	August 30-Sept. 1	H	29	79					+										H
3	September 5-20	H	11	26					+		Sept. 17	30	69						
4	September 12-25	T	13	79					+		Sept. 18	24	94						T
5	September 20-28	T	15	59					+		Sept. 27	26	77						
6	September 20-28	T	10	79					+										T
7	September 25-Oct. 6	H	16	58					+		Oct. 4	38	87						H
8	October 2-22	T	11	58					+		Oct. 8	23	84						T
9	October 27-Nov. 4	T	18	62					+										
1899																			
1	July 31-Aug. 1	H	25	84	July 31	27	85		+		July 31	28	85	1	1			*	H
2	August 3-Sept. 7	H	12	31	Aug. 5	14	49		+		Aug. 14	29	80	3	15	17			H
3	August 29-Sept. 8	H	17	58	Aug. 29	17	60		+		Sept. 2	23	72	1	6	4			
4	September 3-15	H	13	36	Sept. 5	16	52		+		Sept. 10	25	70	3	9	1			
5	October 2-8	T	20	83					+		Oct. 3	23	86	4		3			T
6	October 26-Nov. 4	H	11	80	Oct. 26	13	81		+		Oct. 27	17	82	1	5	4			H
1900																			
1	August 27-Sept. 15	H	16	41	Sept. 5	24	82		+		Sept. 10	34	98	12	3	5			H
2	September 9-23	H	12	22	Sept. 9	13	24		+					4	9				
3	September 10-15	T	21	83					+		Sept. 12	28	91	5					T
4	September 13-18	H	18	53	Sept. 13	19	57		+		Sept. 16	27	66	1	5			*	
5	October 4-14	T	21	61					+		Oct. 8	29	73	6		4			
6	October 8-15	T	18	86					+		Oct. 10	23	91	4		3			T
7	October 23-29	T	13	60					+		Oct. 27	24	77	6				*	

Table 5. - Continued.

Storm Identification		Maximum Intensity	Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S.x	
Number	Date	Hurricane Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating		
1901																				
1	June 10-14		17	82				+							4			*		T
2	July 2-10		13	57				+						2			*		T	
3	July 5-13	H	14	60										2		5		1	H	
4	August 4-18	H	27	48	July 6	16	65		+		Aug. 14	28	90	8		3	2		H	
5	August 30-Sept. 11	H	14	36	Aug. 12	27	84		+		Sept. 6	31	59	1	10	2			H	
6	September 9-19		19	49	Aug. 30	15	39				Sept. 17	28	89	9		2			T	
7	September 12-17	T	11	28				+			Sept. 26	23	86	5			1			
8	September 21-Oct. 3	T	11	80					+		Oct. 10	23	70	7		5			T	
9	October 7-14	T	15	50					+					5		3				
10	October 31-Nov. 6	T	21	69						+				6			1			
1902																				
1	June 11-16		13	81				+			June 13	27	85	5			1		T	
2	June 19-28	H	17	84	June 24	23	96		+		June 26	27	97	6		2			H	
3	September 16-25	H	08	33	Sept. 19	18	53		+		Sept. 20	20	53	3	3	3				
4	October 7-13	H	14	93	Oct. 7	19	93			+				2		2	3		T	
5	November 1-9	T	22	62				+			Nov. 1	27	64	8			*			
1903																				
1	July 19-26	H	16	61	July 22	26	75		+		July 22	27	75	3	4	1				
2	August 7-16	H	13	46	Aug. 7	13	52		+		Sept. 14	32	86	1	9		*			
3	September 10-16	H	25	72	Sept. 10	24	75			+				3		3	1		H	
4	September 13-17	H	22	55	Sept. 13	24	57		+		Sept. 23	28	73	1	3	1			H	
5	September 20-26	T	21	72					+					6			1			
6	September 26-30	H	23	59	Sept. 28	29	65		+		Sept. 27	27	65	2	2	1				
7	October 1-10	H	20	57	Oct. 1	21	60		+		Oct. 2	24	64	1	8	1				
8	October 5-10	H	24	69	Oct. 6	27	69		+		Nov. 20	28	50	1	4	1				
9	November 18-25	H	20	41	Nov. 20	28	50		+					2	5	1				
1904																				
1	June 13	T	17	79					+					1			*			
2	September 8-15	H	19	53	Sept. 8	20	55		+		Sept. 14	34	80	1	6		1		H	
3	October 12-20	H	15	75	Oct. 16	25	79		+		Oct. 18	25	82	6	1		2		H	
4	October 19-23	T	26	46					+					4			1			
5	October 29-Nov. 5	T	20	86					+		Nov. 1	25	92	7			1		T	
1905																				
1	September 6-7	T	14	57				+						2			*			
2	September 11-16	T	19	50					+					5			1			
3	September 24-30	T	18	84					+		Sept. 28	28	92	5			1		T	
4	October 3-13	H	10	80	Oct. 3	12	79			+				*	5	5				
5	October 5-10	T	23	89					+		Oct. 8	26	93	5			1		T	
1906																				
1	June 8-16	T	18	83				+			June 14	41	91	5			3		T	
2	June 14-23	H	23	74	June 16	25	81		+		June 16	25	81	5	4	*			H	
3	August 25-Sept. 12	H	12	23	Aug. 25	12	25		+		Sept. 6	27	75	1	17	2			H	
4	September 3-18	H	10	33	Sept. 9	17	50		+		Sept. 28	37	90	6	8	1			H	
5	September 20-29	H	15	74	Sept. 23	21	84		+					5	4	1			H	
6	September 22-Oct. 2	T	24	34				+			Sept. 25	28	47	8		2				
7	October 9	H	11	79	Oct. 9	11	81		+					*	1		*			
8	October 11-22	H	15	60	Oct. 12	15	66		+		Oct. 16	21	85	3	7		1		H	
9	October 13-17	T	33	60					+					4			1			
10	October 16-20	T	28	71						+				3			1			
11	November 6-9	T	14	76					+		Nov. 7	20	85	3			1			
1907																				
1	June 24-29	T	16	77				+			June 27	26	89	5			1		T	
2	September 17-23	T	22	72				+			Sept. 21	30	89	5			1		T	
3	September 27-29	T	22	85						+				2			1		T	
4	October 17-21	T	27	59					+		Oct. 18	32	64	3		2				
1908																				
1	March 6-9	H	25	59	Mar. 7	22	61		+					2	2		*			
2	July 27-August 3	H	25	74	July 28	28	78		+		July 29	30	78	2	4	2			H	
3	August 30-Sept. 2	T	32	72					+		Sept. 1	35	75	3			1			
4	September 8-19	H	15	51	Sept. 10	19	65		+		Sept. 13	25	76	2	8	1				
5	September 16-18	T	24	90					+					2			1			
6	September 21-Oct. 6	H	12	49	Sept. 30	23	77		+		Sept. 30	25	78	10	6	*				
7	October 15-18	H	11	77	Oct. 16	12	80		+					2	2		*			
8	October 21-23	T	28	66					+					2			1		T	
1909																				
1	June 25-30	T	24	82				+						5			1		T	
2	June 26-July 1	T	23	74				+						5			1		T	
3	July 13-22	H	12	60	July 18	23	86		+					5	3		1		H	
4	July 27-August 10	T	10	51					+					14			*			
5	August 21-28	H	15	54	Aug. 21	16	56		+					1	7		*			
6	August 27-31	T	20	66				+			Aug. 30	29	81	5			*		T	
7	September 14-21	H	14	73	Sept. 16	18	81		+		Sept. 21	34	91	3	4		*		H	
8	September 22-30	T	11	79					+		Sept. 25	23	83	8			1		T	
9	October 7-13	H	11	78	Oct. 7	12	78		+		Oct. 10	20	85	1	5		*		H	
10	November 8-14	T	10	81						+				7			*			

Table 5. - Continued.

Storm Identification		Maximum Intensity		Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S. x
Number	Date	Hurricane	Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating	
1910																				
1	August 23-31		T	15	57				+							9			*	
2	September 5-14	H		17	56	Sept. 5	17	59	+						1				*	H
3	September 23-28	H		24	57	Sept. 23	26	60		+		Sept. 25	33	64			4			
4	October 11-23	H		12	80	Oct. 11	13	81				Oct. 16	23	85		4	7	2		H
1911																				
1	August 9-14	H		24	82	Aug. 9	25	82	+							1	3		2	H
2	August 24-29	H		26	64	Aug. 24	27	66	+							1	4		*	H
3	September 3-12	H		14	58	Sept. 8	14	76	+							7	2		1	
4	October 23-31		T	22	70					+		Oct. 30	25	86		8			*	
1912																				
1	June 7-16		T	22	85				+	+		June 11	27	94		9			1	T
2	July 12-17		T	25	72				+							3			3	T
3	September 11-14	H		28	83	Sept. 11	28	84	+							2	3		*	H
4	October 4-9	H		27	77	Oct. 5	31	75			+					2	3		1	
5	October 11-17	H		16	78	Oct. 11	18	81	+							2	5		*	H
6	November 11-25	H		11	79	Nov. 15	14	80	+			Nov. 20	18	81		4	9	2		
1913																				
1	June 22-28	H		11	80	June 22	12	81	+							1	6		*	H
2	August 30-Sept. 4	H		26	71	Aug. 31	29	72	+							1	3		1	H
3	September 3-12	H		16	59	Sept. 6	28	61		+		Sept. 5	25	63		4	5		1	
4	October 3-11		T	40	68					+		Oct. 9	34	81		7			2	T
1914																				
1	September 14-19		T	23	76				+							5			1	T
1915																				
1	July 31-August 5		T	26	77				+			Aug. 2	30	82		3			2	T
2	August 5-25	H		15	24	Aug. 8	16	48	+			Aug. 17	32	96		4	9	7		H
3	August 28-Sept. 10	H		22	47	Aug. 28	23	49	+			Sept. 8	33	67		1	13		*	
4	September 1-6	H		15	79	Sept. 1	17	79	+			Sept. 4	30	85		1	3		2	H
5	September 22-Oct. 1	H		15	61	Sept. 22	15	63	+			Sept. 29	29	90		1	7	2		H
1916																				
1	June 29-July 10	H		11	80	July 2	19	84	+	+		July 7	33	91		5	4		3	H
2	July 11-15	H		25	70	July 12	29	77	+							2	2		1	H
3	July 11-22	H		12	56	July 14	20	68	+	+		July 19	33	75		4	7	1	*	H
4	August 12-19	H		14	54	Aug. 12	15	57	+							1	7		*	H
5	August 21-25	H		18	61	Aug. 21	18	62	+							2	2		1	
6	August 27-Sept. 1	H		14	45	Aug. 27	14	51	+							1	5		*	
7	September 4-6		T	24	76				+	+		Sept. 5	30	78		2			1	T
8	September 9-14		T	19	57				+							4			2	T
9	September 14-21	H		21	59	Sept. 17	30	60	+			Sept. 15	23	64		4	3		*	
10	September 17-24	H		13	45	Sept. 19	17	54	+			Sept. 22	28	69		2	5		*	
11	October 3-4		T	28	72				+							2			*	
12	October 6-15	H		11	58	Oct. 9	17	64	+	+		Oct. 10	20	65		4	4	1	*	
13	October 12-19	H		15	74	Oct. 12	17	77	+			Oct. 16	23	89		1	6	1		H
14	November 11-15	H		13	75	Nov. 14	21	86	+			Nov. 14	20	86		4	1	*		H
1917																				
1	August 6-10		T	32	67				+			Aug. 9	34	74		4			1	
2	August 30-Sept. 6	H		17	43	Aug. 31	18	50	+			Sept. 3	28	64		1	6	1	*	
3	September 21-29	H		16	61	Sept. 21	16	64	+			Sept. 28	28	89		1	8		*	H
1918																				
1	August 1-6	H		13	59	Aug. 5	24	89	+							5	1		*	H
2	August 22-25	H		12	56	Aug. 22	13	63	+							1	3		*	
3	August 23-25		T	27	73				+	+		Aug. 24	33	77		3			*	T
4	September 3-7	H		24	55	Sept. 3	25	56	+			Sept. 6	39	68		1	3	1		
5	September 9-14		T	14	58				+							5			1	
1919																				
1	July 2-5		T	24	84				+							2			1	T
2	September 2-15	H		15	61	Sept. 5	21	71	+							4	10		*	H
3	November 11-14		T	28	60				+	+		Nov. 13	31	66		3			1	
1920																				
1	September 7-16	H		11	36	Sept. 9	19	48	+	+		Sept. 12	29	52		3	4	3	*	
2	September 16-22	H		12	76	Sept. 21	25	90	+							6	1		*	H
3	September 22-23	H		31	74	Sept. 22	32	76	+							1	1		*	H
4	September 25-30	H		25	83	Sept. 29	26	89	+	+		Sept. 29	26	89		5	1		*	T
1921																				
1	June 15-26	H		14	79	June 19	21	94	+	+		June 22	30	96		5	3		3	H
2	September 6-7	H		21	94	Sept. 6	22	96	+							1	1		*	
3	September 8-16	H		10	55	Sept. 8	12	58	+			Sept. 12	24	70		1	8	*	*	
4	September 10-13		T	23	64						+					4			*	
5	October 16-23		T	30	78						+					7			1	
6	October 20-29	H		13	80	Oct. 21	17	82	+			Oct. 24	23	86		2	6	2		H

Table 5. - Continued.

Storm Identification		Maximum Intensity		Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S. X
Number	Date	Hurricane	Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating	
1922																				
1	June 12-16		T	15	82															
2	September 13-26	H		10	47	Sept. 15	16	59	+	+		Sept. 18	24	68		4	7	4	1	
3	October 12-17		T	16	83											5				T
4	October 14-21	H		16	80	Oct. 17	20	84	+							4	4		*	
1923																				
1	August 31-Sept. 9	H		23	68	Sept. 5	34	63		+		Sept. 1	27	70		6	5		*	
2	September 24-Oct. 4	H		20	69	Sept. 24	22	72		+		Sept. 27	27	77		1	6	3		
3	October 12-17		T	10	93	Oct. 14	22	94		+		Oct. 13	17	95		3	2		1	H
4	October 14-29		T	10	80					+		Oct. 17	17	81		7		8		H
5	October 15-19		T	22	64					+						4			1	T
6	October 16-19		T	21	93						+					2		2		T
7	October 24-26		T	18	61					+						3		*		
1924																				
1	June 18-21		T	17	87					+						3			1	
2	August 16-28		T	10	54	Aug. 20	25	72		+		Aug. 24	28	77		4	7	2		
3	August 26-Sept. 6	H		14	50	Aug. 28	17	61		+		Sept. 2	29	69		3	7	3		
4	September 13-19	H		24	83	Sept. 13	26	86		+		Sept. 14	28	87		2	2	3		H
5	September 27-30		T	16	86						+					2		3		T
6	October 12-14		T	27	87					+						2			1	
7	October 14-23	H		16	82	Oct. 17	19	85		+		Oct. 17	19	85		6	3		1	H
8	November 5-14	H		13	81	Nov. 10	22	75			+					5	5	*		
1925																				
1	September 6-7		T	21	91					+						2			*	T
2	November 29-Dec. 4	H		16	83	Nov. 30	27	83		+		Nov. 30	22	86		4	1		1	H
1926																				
1	July 22-August 2	H		14	58	July 23	17	66		+		July 30	33	91		2	5	2	2	H
2	August 1-8	H		19	54	Aug. 2	24	59		+		Aug. 6	35	87		2	6	1		
3	August 22-27	H		20	82	Aug. 22	23	87		+						2	3		1	H
4	September 2-24	H		14	43	Sept. 4	16	50		+		Sept. 15	35	71		3	16	3		
5	September 10-15	H		24	53	Sept. 10	26	54		+		Sept. 12	30	55		2	3		1	
6	September 11-22	H		15	45	Sept. 12	17	51		+						2	9		1	H
7	September 11-17		T	16	80					+		Sept. 12	18	84		5			1	
8	September 21-Oct. 1	H		27	53	Sept. 22	30	45		+						3	7		1	
9	October 3-4		T	17	80					+						2			*	
10	October 14-24	H		10	81	Oct. 18	15	82		+		Oct. 19	20	83		4	5	2		H
11	November 12-15		T	11	79					+		Nov. 14	19	86		4			*	
1927																				
1	August 19-26	H		15	44	Aug. 19	16	49		+		Aug. 23	35	73		1	5	2		
2	September 1-11	H		17	19	Sept. 6	18	42		+		Sept. 9	26	58		5	3	2		
3	September 22-29	H		10	34	Sept. 28	29	47		+						6	1	*		
4	September 23-Oct. 1	H		18	48	Sept. 24	24	55		+		Sept. 26	34	62		2	5	3		
5	October 1-3		T	23	73					+		Oct. 3	32	81		3			*	T
6	October 17-19		T	19	87						+					3			*	
7	October 31-Nov. 3		T	19	83						+					4			*	
1928																				
1	August 3-12	H		11	60	Aug. 6	24	76		+		Aug. 10	32	85		6	2	2		H
2	August 7-17	H		12	60	Aug. 9	16	69		+		Aug. 15	33	85		6	2	2		T
3	September 2-8		T	17	72					+						7			*	
4	September 6-20	H		14	20	Sept. 10	15	49		+		Sept. 17	29	82		7	7	1		H
5	September 8-12		T	21	47					+		Sept. 10	30	56		3		2		
6	October 10-14	H		17	35	Oct. 13	31	46		+		Oct. 13	31	46		3	1	1		
1929																				
1	June 27-29	H		21	93	June 27	25	94		+						1	1		1	H
2	September 22-Oct. 4	H		22	66	Sept. 23	26	70		+		Sept. 30	30	85		2	7	3		H
3	October 15-22	H		31	39	Oct. 17	30	44		+		Oct. 19	30	49		2	5	1		
1930																				
1	August 22-31	H		19	52	Aug. 25	24	61		+		Aug. 26	32	66		3	2	4		
2	August 31-Sept. 17	H		16	54	Aug. 31	16	56		+		Sept. 7	25	85		10	7	1		T
1931																				
1	June 24-28		T	21	84					+						3			1	T
2	July 11-17		T	16	82					+						4			2	
3	August 10-18		T	14	59					+						8			*	
4	August 16-20		T	13	58					+		Aug. 20	26	71		5			*	
5	September 5-12	H		13	56	Sept. 9	17	84		+						6	1		1	
6	September 8-16	H		17	53	Sept. 10	18	63		+						6	2		*	
7	September 25-27		T	22	53					+		Sept. 25	27	55		2			1	
8	October 18-22		T	17	86						+					3			1	
9	November 22-25		T	19	62					+						4			1	

Table 5. - Continued.

Storm Identification		Maximum Intensity	Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S. x
Number	Date	Hurricane Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating	
1932																			
1	May 5-10	T	12	81										5					
2	August 11-14	H	22	90	Aug. 13	26	93	+		+				5	1			*	H
3	August 26-Sept. 3	H	21	70	Aug. 30	27	84		+		Sept. 2	34	90	5	1			2	H
4	August 30-Sept. 13	H	19	62	Sept. 2	22	70		+		Sept. 5	27	78	7	7		4		H
5	September 9-17	T	19	93						+				7			2		T
6	September 18-21	T	22	95						+				2				2	T
7	September 25-Oct. 3	H	16	56	Sept. 25	17	58	+						6	3			*	T
8	October 7-18	T	16	83					+		Oct. 14	24	95	9				3	T
9	October 8-11	T	22	56					+		Oct. 10	33	63	4				*	
10	October 30-Nov. 14	H	18	55	Nov. 1	15	65	+			Nov. 7	16	81	2	12		1		
11	November 3-10	H	13	48	Nov. 7	28	48			+				5	2		1		
1933																			
1	May 14-19	T	12	79				+						4					
2	June 27-July 6	H	09	56	June 28	12	66	+						2	8			*	
3	July 13-19	T	17	59				+						6				*	
4	July 21-27	T	22	91					+		July 23	30	96	3			3		T
5	July 25-Aug. 5	H	16	57	July 26	19	67	+						6	5			*	H
6	August 12-20	T	12	60				+						9				2	T
7	August 16-21	T	11	58				+						3				2	
8	August 17-26	H	17	48	Aug. 17	19	51		+		Aug. 23	39	77	2		6		2	H
9	August 24-31	T	20	60					+		Aug. 27	30	70	2			2		
10	August 26-29	T	19	94				+						8				*	
11	August 28-Sept. 5	H	18	53	Aug. 30	22	70	+						3	5			2	H
12	August 31-Sept. 7	H	19	56	Aug. 31	19	58	+	+		Sept. 5	31	84	2	4			*	H
13	September 8-21	H	15	58	Sept. 9	19	58		+		Sept. 15	34	76	2	8		4		H
14	September 10-15	H	16	87	Sept. 12	18	87	+						4	2			*	
15	September 16-24	H	11	55	Sept. 20	17	79	+						4	4			*	
16	September 27-30	T	18	58				+	+		Sept. 29	18	74	3					1
17	September 28-30	T	11	82				+						2					
18	October 1-9	H	10	80	Oct. 2	18	80	+	+		Oct. 4	23	82	2	5		2		
19	October 25-Nov. 7	T	14	81						+				13				*	
20	October 26-30	T	25	74						+				3			2		
21	November 15-16	T	12	79				+						2				*	
1934																			
1	May 27-31	T	23	85						+				2					2
2	June 4-21	H	16	88	June 8	18	88		+		June 11	21	94	11	3		3		T
3	July 21-26	H	34	76	July 25	28	95	+	+					4	1			1	H
4	August 20-22	T	15	57				+						2				*	
5	August 26-Sept. 1	H	27	88	Aug. 27	29	94	+						5	1			1	
6	September 5-9	H	25	73	Sept. 5	25	75	+	+		Sept. 7	29	77	1	3		1		H
7	September 16-21	T	12	56				+						5				*	
8	October 1-3	H	25	35	Oct. 1	27	39	+						1	2			*	
9	October 1-6	T	21	83					+		Oct. 4	26	90	5				*	T
10	October 19-23	T	16	76					+		Oct. 20	19	78	3				1	
11	November 20-28	H	21	57	Nov. 24	29	68	+						6	2			1	
1935																			
1	August 18-26	H	19	57	Aug. 18	20	59	+			Aug. 21	28	69	*	7		1		
2	August 29-Sept. 10	H	24	68	Sept. 1	24	77	+	+		Sept. 4	29	83	4	4		3		H
3	August 30-Sept. 1	T	22	88				+						2				*	
4	September 23-Oct. 2	H	15	73	Sept. 24	14	77	+	+		Sept. 28	22	80	1	7		1		
5	October 18-26	H	12	79	Oct. 19	14	77	+						4	4			*	
6	October 30-Nov. 8	H	32	60	Nov. 1	33	71	+			Nov. 6	27	87	4	4			1	H
1936																			
1	June 12-16	T	17	87						+				4					1
2	June 19-21	T	22	89				+						3				*	T
3	June 26-27	H	26	95	June 26	27	96	+						1	1			*	H
4	July 26-27	T	23	84				+						2				*	T
5	July 27-Aug. 1	H	24	74	July 30	28	84	+						3	1			1	H
6	August 4-10	T	19	60					+		Aug. 7	30	70	6			1		*
7	August 7-12	T	25	85				+						6				*	
8	August 15-19	H	20	87	Aug. 16	24	90	+	+					2	3			1	T
9	August 20-22	T	25	75				+						2				*	
10	August 28-30	H	18	86	Aug. 29	21	93	+						2	1			*	
11	August 28-Sept. 6	H	17	40	Aug. 28	17	43	+	+		Sept. 2	30	59	*	9		1		*
12	September 7	T	21	57				+						1				*	
13	September 8-25	H	13	49	Sept. 10	18	56	+	+		Sept. 18	36	75	2	11			5	H
14	September 10-14	T	19	93				+						4				1	T
15	September 19-24	H	20	63	Sept. 20	24	68	+	+		Sept. 21	27	71	1	5			*	
16	October 9-11	T	19	91				+						1				1	

Table 5. - Continued.

Storm Identification		Maximum Intensity	Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S. X
Number	Date	Hurricane Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating	
1937																			
1	July 29-August 2	T	25	85											4			1	T
2	August 2-8	T	23	74										7			*		
3	August 24-Sept. 2	T	18	60							Aug. 4	30	77	6			3	T	
4	September 9-14	H	18	54	Sept. 9	19	54	+						1		5	*		
5	September 13-19	H	16	56	Sept. 14	19	58	+			Sept. 14	20	58	2		5	*		
6	September 16-21	H	20	92										5			1	T	
7	September 20-28	H	15	41	Sept. 20	16	45				Sept. 26	44	63	1		6	2		
8	September 26-30	T	23	79										2			2		
9	September 29-Oct. 3	T	17	85				+						4			1	T	
1938																			
1	August 8	H	18	62				+						1					
2	August 9-14	H	11	58	Aug. 11	16	75	+						2		3	*	H	
3	August 23-28	H	14	73	Aug. 23	15	76	+						1		5	*		
4	September 10-22	H	14	21	Sept. 14	17	46				Sept. 20	29	75	5		6	2	H	
5	October 10-17	T	16	88				+						6			1	T	
6	October 17-20	T	33	63				+						3			1		
7	October 23-24	T	22	96										1			1	T	
8	November 6-10	T	17	81				+						3			1		
1939																			
1	June 12-16	T	17	88				+						4			1	T	
2	August 7-20	H	19	64	Aug. 11	27	79				Aug. 14	32	87	5		1	6	H	
3	September 23-26	T	19	94										3			*	T	
4	October 12-18	H	19	63	Oct. 14	25	68	+			Oct. 14	25	68	2		3	1		
5	October 29-Nov. 6	H	16	82	Oct. 31	19	83	+			Oct. 29	18	85	7		1	*	H	
1940																			
1	May 19-26	T	21	72										6			1		
2	August 2-10	H	31	79	Aug. 5	28	90	+			Aug. 8	33	95	4		2	2	H	
3	August 5-15	H	18	62	Aug. 8	26	74	+			Aug. 13	36	85	4		4	1	H	
4	August 30-Sept. 3	H	28	69	Aug. 30	30	72	+			Aug. 31	34	75	1		3	3		
5	September 10-19	H	19	56	Sept. 12	22	67	+			Sept. 13	25	72	3		4	2		
6	September 19-24	T	11	82				+			Sept. 23	28	95	5			1	T	
7	October 20-23	T	10	79										3			*		
8	October 24-25	T	20	73										1			*		
1941																			
1	September 11-16	T	27	87				+						4			1	T	
2	September 16-25	H	26	83	Sept. 18	26	90				Sept. 23	28	95	3		5	1	H	
3	September 18-25	H	27	79	Sept. 18	29	77							3		4	1		
4	September 23-30	H	14	58	Sept. 25	14	71	+						3		3	1		
5	October 3-14	H	23	63	Oct. 4	23	68	+			Oct. 7	30	85	6		3	2	H	
6	October 15-21	T	21	69				+			Oct. 19	27	84	5			1	T	
1942																			
1	August 17-22	H	21	86	Aug. 19	28	90	+			Aug. 21	32	96	2		2	1	H	
2	August 21-31	H	14	59	Aug. 24	16	77	+						4		5	1	H	
3	August 25-Sept. 2	H	27	62	Aug. 25	28	63	+			Aug. 25	31	64	4		4	1		
4	September 15-22	T	14	58										4			1		
5	September 18-24	T	30	66				+			Sept. 21	36	67	6			3		
6	September 27-29	T	28	61				+			Sept. 28	31	68	4			*		
7	October 1-5	T	23	72										3			1		
8	October 10-12	T	29	70				+						2			1	T	
9	October 13-18	T	19	76										4			1		
10	November 4-11	H	18	65	Nov. 6	23	76	+			Nov. 10	22	92	4		2	1		
1943																			
1	July 25-29	H	28	88	July 25	28	89	+						1		2	1	H	
2	August 13-19	T	17	60							Aug. 17	31	75	6			*		
3	August 19-27	H	13	55	Aug. 19	15	57	+			Aug. 24	32	68	1		6	2		
4	September 1-9	H	23	58	Sept. 1	24	59	+			Sept. 8	40	65	1		8	*		
5	September 13-16	T	27	74										2			2		
6	September 15-19	H	23	94	Sept. 15	25	94	+			Sept. 17	27	96	1		3	*	T	
7	September 28-Oct. 1	T	29	66				+						3			1	T	
8	October 1-3	T	26	59				+			Oct. 2	35	66	2			1		
9	October 11-17	H	13	59	Oct. 12	14	64	+			Oct. 16	30	69	2		4	1	T	
10	October 20-22	T	15	80				+						2			*		
1944																			
1	July 13-19	H	19	68	July 15	30	76	+			July 15	29	76	2		2	2		
2	July 24-28	T	11	56										3			1	H	
3	July 30-Aug. 4	H	23	70	July 31	26	75	+			Aug. 1	35	78	3		1	*		
4	August 16-23	H	12	57	Aug. 18	15	66	+						3		4	*		
5	August 19-22	T	23	88				+						3			*		
6	September 8-10	T	22	94										2			*	T	
7	September 9-16	H	20	55	Sept. 9	20	56	+			Sept. 13	32	76	1		6	1	H	
8	September 19-22	H	19	83	Sept. 19	20	84	+						1		2	1		
9	September 21-28	H	17	40	Sept. 24	29	56	+			Sept. 24	27	56	3		3	1		
10	October 1-2	T	15	57				+						2			*		
11	October 12-23	H	15	80	Oct. 12	17	81	+			Oct. 17	21	83	2		6	3	H	

Table 5. - Continued.

Storm Identification		Maximum Intensity		Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Intensity					Entered U. S.x	
Number	Date	Hurricane	Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating		
1945																					
1	June 20-July 1	H		17	85	June 23	28	86		+		June 22	26	87	6		1	3		H	
2	July 19-21		T	25	92					+					2				1	D	
3	August 1-4		T	12	56					+					3				*		
4	August 17-20		T	17	55					+					3				*		
5	August 24-29	H		19	94	Aug. 24	22	95		+					1		4		1	H	
6	August 29-31		T	13	83					+					2				1		
7	September 3-6		T	20	84					+					1				2	T	
8	September 9-12		T	18	60					+					3				*		
9	September 11-20	H		19	55	Sept. 11	19	57		+		Sept. 16	28	82	2		5	2		H	
10	October 2-5	H		15	80	Oct. 2	16	82		+					1		2		1		
1946																					
1	June 13-16		T	27	85					+					3				*	T	
2	July 5-10	H		29	79	July 7	37	72		+		July 5	31	80	2		2	2		T	
3	August 25		T	20	93					+					1				*		
4	September 12-17	H		23	79	Sept. 12	26	78							1		2	3			
5	October 5-14	H		18	87	Oct. 6	20	86			+				3		2	5		H	
6	October 31-Nov. 3		T	20	71					+		Nov. 2	29	82	2				2	T	
1947																					
1	July 31-August 2		T	19	92					+					2				1	T	
2	August 9-15	H		14	75	Aug. 13	21	92		+					5		2		*		
3	August 18-27	H		24	80	Aug. 22	27	90		+					5		2		2	H	
4	September 4-21	H		14	20	Sept. 4	14	24			+	Sept. 20	33	95	1		15	1		H	
5	September 7-8		T	28	85					+					1				*	T	
6	September 20-25		T	19	78					+		Sept. 22	24	84	4			1		T	
7	October 6-8		T	22	77					+		Oct. 7	30	85	1				1	T	
8	October 9-16	H		15	82	Oct. 11	24	83		+		Oct. 10	21	84	3		4		*	H	
9	October 16-21	H		18	63	Oct. 17	20	67		+		Oct. 18	25	71	1		4	1		H	
1948																					
1	May 22-28		T	14	75						+				6				1		
2	July 7-11		T	26	91						+				2				2	T	
3	August 26-Sept. 4	H		19	59	Aug. 26	21	61		+		Aug. 30	32	76	*		6	4			
4	August 30-Sept. 1		T	14	53					+					1				1		
5	September 1-6	H		24	95	Sept. 3	26	92			+				3		1		2	H	
6	September 4-16	H		14	20	Sept. 4	14	23		+		Sept. 13	32	66	1		11	1			
7	September 18-25	H		18	79	Sept. 18	19	81		+		Sept. 20	22	82	1		6	1		H	
8	October 3-15	H		15	82	Oct. 4	20	85		+		Oct. 4	19	85	8		5		*	H	
9	November 8-10	H		25	64	Nov. 8	26	68		+		Nov. 10	32	75	1		2	*		H	
1949																					
1	August 21-28	H		21	62	Aug. 21	23	65		+		Aug. 23	32	76	1		4	3			
2	August 23-31	H		18	59	Aug. 25	23	73		+		Aug. 27	31	83	4		2	2		H	
3	August 30-Sept. 2		T	12	55					+					2				1		
4	September 3-11	H		18	65	Sept. 3	21	67		+		Sept. 4	25	67	1		6	2			
5	September 3-5		T	24	89					+		Sept. 4	30	91	2					1	T
6	September 5-11		T	27	40					+					6				*		
7	September 13-17		T	15	34					+					3				1		
8	September 20-26	H		26	92	Sept. 23	23	95		+					4		3		*		
9	September 21-22	H		16	62	Sept. 21	16	65		+					1		1		*		
10	September 27-Oct. 6	H		13	90	Oct. 2	22	94		+		Oct. 3	27	96	7		2		1	H	
11	October 12-19	H		18	79	Oct. 14	24	72		+					2		4	2			
12	October 13-16		T	22	49					+		Oct. 15	33	57	3					1	
13	November 3-4		T	18	82					+		Nov. 4	16	84	1					1	
1950																					
1	August 11-22	H		16	54	Aug. 13	21	62		+		Aug. 19	31	76	3		8		1		
2	August 20-Sept. 1	H		16	55	Aug. 20	16	58		+		Aug. 29	26	89	5		4		4	H	
3	August 21-Sept. 5	H		14	23	Aug. 27	22	53		+		Sept. 2	35	62	7		8		1		
4	August 30-Sept. 17	H		15	55	Aug. 30	16	57		+		Sept. 11	35	72	1		12	6			
5	September 1-9	H		19	84	Sept. 2	21	83		+					2		4		2	H	
6	September 8-16	H		16	40	Sept. 10	19	50		+		Sept. 14	27	60	2		6	1			
7	September 27-Oct. 7	H		24	53	Sept. 30	30	64		+		Oct. 3	33	68	4		4	3			
8	October 1-4		T	25	88					+					4				*		
9	October 8-10	H		21	91	Oct. 9	21	93		+					1		2		*		
10	October 11-17	H		24	47	Oct. 13	26	56		+		Oct. 14	31	61	2		4		*		
11	October 13-19	H		16	89	Oct. 15	18	79		+					3		3		1	H	
12	October 17-24		T	22	42					+		Oct. 18	25	45	6				1		
13	October 18-21	H		27	89	Oct. 18	28	91		+		Oct. 19	26	92	1		2		1	T	

Table 5. - Continued.

Storm Identification			Maximum Intensity		Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S. x
Number	Date	Name	Hurricane	Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating	
1951																					
1	May 15-24	Able	H	T	28	65	May 17	29	78		+		May 17	28	79	2	2	6	1		
2	Aug. 2-5	Baker	H		21	51							Aug. 4	34	61	*	2			*	
3	Aug. 12-23	Charlie	H		12	45	Aug. 15	15	62	+						3	1	7	1		
4	Aug. 27-Sept 5	Dog	H		12	26	Sept. 1	14	59							4	3	2			
5	Sept. 2-13	Easy	H		13	36	Sept. 3	16	43		+		Sept. 7	27	68	*	1	9	2		
6	Sept. 2-11	Fox	H		13	19	Sept. 4	15	36		+		Sept. 8	33	60	1	1	6	1		
7	Sept. 20-21	George	H	T	20	92										*	2			*	
8	Sept. 28-Oct 8	How	H		18	84	Oct. 2	29	79	+						3	2	4	2		
9	Oct. 12-17	Item	H		14	78	Oct. 13	19	82		+		Sept. 30	25	88	1	3	1	1		
10	Oct. 15-20	Jig	H		27	75	Oct. 15	30	75			+				*	4	1		1	
1952																					
1	Feb. 2-4		H	T	17	87					+		Feb. 2	19	88	*	2		1		
2	Aug. 18-Sept 2	Able	H		14	19	Aug. 27	22	65		+		Aug. 31	35	81	6	4	4	1		
3	Aug. 31-Sept 9	Baker	H		15	57	Aug. 31	18	59		+		Sept. 4	32	71	*	1	7	2		
4	Sept. 22-Oct 1	Charlie	H		14	62	Sept. 25	25	74		+		Sept. 25	27	75	1	2	4	2		
5	Sept. 25-28	Dog	H		13	50	Sept. 26	16	54		+					*	3	1		*	
6	Oct. 6-11	Easy	H		15	51	Oct. 8	17	51		+					1	3	1	1		
7	Oct. 20-28	Fox	H		11	77	Oct. 22	17	82		+		Oct. 22	17	82	1	2	5	1		
1953																					
1	May 26-June 6	Alice	H	T	12	81					+		June 1	24	86	*	12			*	
2	Aug. 11-16	Barbara	H		22	73	Aug. 12	29	76		+		Aug. 13	34	76	*	1	3	1		
3	Aug. 28-Sept 2	Carol	H	T	21	81					+		Aug. 28	24	84	*	4		2	2	
4	Aug. 28-Sept 9	Dolly	H		16	20	Sept. 1	14	49		+		Sept. 6	36	71	3	2	6	2		
5	Sept. 8-17	Dolly	H		20	64	Sept. 9	20	69		+		Sept. 10	25	71	*	2	2	5		
6	Sept. 14-20	Edna	H		15	61	Sept. 15	21	67		+		Sept. 16	26	71	*	1	3	2		
7	Sept. 14-20		H	T	23	95					+					*	6		1		
8	Sept. 23-28	Florence	H		17	75	Sept. 24	20	84		+	+	Sept. 25	26	88	*	1	2	2	1	
9	Oct. 2-5	Gail	H		13	35	Oct. 3	15	43		+					*	2	1	2		
10	Oct. 3-10		H	T	20	78					+		Oct. 4	23	80	*	3		4	1	
11	Oct. 5-8		H	T	17	39					+					*	4			*	
12	Oct. 7-12	Hazel	H		19	86					+					*	3		2		
13	Nov. 23-26		H	T	21	56					+	+				*	3		1	1	
14	Dec. 7-9		H	T	21	51					+					*	1			1	
1954																					
1	June 24-26	Alice	H		21	93	June 24	24	95		+					*	1	1	1	1	
2	July 27-30	Barbara	H	T	27	88					+					*	1			1	
3	Aug. 25-31	Carol	H		24	75	Aug. 26	29	76		+		Aug. 29	31	78	1	1	5	*	1	
4	Aug. 31-Sept 4	Dolly	H		19	68	Aug. 31	25	70		+		Sept. 1	31	70	*	1	2	2		
5	Sept. 2-14	Edna	H		11	56	Sept. 6	22	71		+		Sept. 9	30	76	2	2	5	3		
6	Sept. 11-12	Florence	H		20	92	Sept. 11	21	96		+					*	1	1		*	
7	Sept. 24-27	Gilda	H	T	14	76					+					*	3			*	
8	Sept. 25-Oct 6		H		26	56	Oct. 1	31	53		+		Oct. 2	30	57	4	3	4	1		
9	Oct. 5-18	Hazel	H		12	58	Oct. 5	13	61		+	+	Oct. 15	32	79	*	1	10	3	1	
10	Nov. 16-21		H	T	24	43					+					*	4			1	
11	Dec. 30, 1954		H		22	50	Dec. 31	21	55		+					*	2	4	1		
12	Jan. 5, 1955	Alice	H		22	50	Dec. 31	21	55		+					*	2	4	1		
1955																					
1	July 31-Aug 2	Brenda	H	T	27	88					+					*	2			1	
2	Aug. 3-14	Connie	H		15	34	Aug. 4	18	54		+		Aug. 11	33	77	*	3	8	1		
3	Aug. 7-21	Diane	H		17	43	Aug. 10	22	60		+		Aug. 17	38	79	3	4	7	1		
4	Aug. 21-Sept 3	Edith	H		12	40	Aug. 24	20	55		+		Aug. 28	28	64	2	2	6	3		
5	Aug. 23-29		H	T	17	79					+		Aug. 28	34	96	*	5		1		
6	Sept. 2-9	Flora	H		19	29	Sept. 3	21	40		+		Sept. 7	33	56	*	1	6	1		
7	Sept. 4-6	Gladys	H		20	94	Sept. 5	23	96		+					*	2	1	6	*	
8	Sept. 10-19	Hilda	H		16	61	Sept. 12	20	79		+					*	1	2	6	*	
9	Sept. 10-23	Ione	H		15	43	Sept. 14	19	62		+		Sept. 19	36	77	*	6	5	3	*	
10	Sept. 21-29	Janet	H		13	54	Sept. 22	13	58		+					*	1	8		*	
11	Oct. 10-14		H	T	28	41					+		Oct. 11	29	45	*	4		1		
12	Oct. 14-19	Katie	H		11	78	Oct. 15	14	76		+					*	4	1	1		
1956																					
1	June 11-14		H	T	22	91					+					*	2			1	
2	July 25-26	Anna	H		20	92	July 26	22	97		+					*	1	*		*	
3	Aug. 9-19	Betsy	H		13	47	Aug. 9	14	53		+		Aug. 14	27	77	*	1	8	2		
4	Sept. 5-11	Carla	H	T	21	75					+					*	6			1	
5	Sept. 10-12	Dora	H		20	91					+					*	3			*	
6	Sept. 11-13	Ethel	H	T	24	75					+					*	1			1	
7	Sept. 21-30	Flossy	H		17	87	Sept. 23	27	91		+		Sept. 23	26	91	2	2	1	5	1	
8	Oct. 30-Nov. 6	Greta	H		17	75	Nov. 3	23	70		+					3	2	2	1		
1957																					
1	June 8-14		H	T	25	89					+					*	2		5		
2	June 25-28	Audrey	H		20	93	June 25	22	93		+					*	1	2	1		
3	Aug. 8-11	Bertha	H	T	27	89					+					*	2		1		
4	Sept. 2-24	Carrie	H		13	21	Sept. 5	15	33		+		Sept. 17	35	64	1	2	17	2		
5	Sept. 7-8	Debbie	H	T	24	90					+					*	1			*	
6	Sept. 16-19	Esther	H		22	93					+					*	2			1	
7	Sept. 20-27	Frieda	H	T	32	66	Sept. 25	36	65		+		Sept. 23	29	72	2	3	1	1	1	
8	Oct. 22-27		H	T	22	58					+		Oct. 24	27	66	1	3		1		

Table 5. - Concluded.

Storm Identification			Maximum Intensity		Storm Origin		Hurricane Intensity			General Movement			Recurvature			Number of Days of Given Intensity					Entered U. S. x	
Number	Date	Name	Hurricane	Tropical Storm	N. Latitude	W. Longitude	Date	N. Latitude	W. Longitude	West	Recurve	East	Date	N. Latitude	W. Longitude	Development	Tropical Storm	Hurricane	Frontal	Dissipating		
1958																						
1	June 14-16	Alma		T	21	94										*	2				1	
2	Aug. 8-17	Becky		T	15	20				+			Aug. 15	29	74	3	4					
3	Aug. 11-21	Cleo	H		11	21	Aug. 12	12	36		+		Aug. 18	33	57	*	1	8		2		
4	Aug. 24-31	Daisy	H		25	74	Aug. 25	27	76		+		Aug. 26	28	77	*	2	4		2		
5	Aug. 30-Sept 6	Ella	H		14	56	Aug. 31	16	67		+					1	5	2		*	T	
6	Sept. 4-12	Fifi	H		10	45	Sept. 6	16	56		+		Sept. 10	26	67	1	5	3		*		
7	Sept. 13-15	Gerda		T	15	61										*	2			*		
8	Sept. 21-Oct 3	Helene	H		18	52	Sept. 24	27	72		+		Sept. 26	32	78	2	1	5		5		
9	Sept. 24-29	Iisa	H		17	51	Sept. 25	18	57		+		Sept. 28	28	62	*	2	4		*		
10	Oct. 5-12	Janice	H		19	82	Oct. 7	26	76			+				1	1	5		1		

- x
T Cyclone was of tropical storm intensity (39-73 m.p.h.) as the center crossed the coast.
H Cyclone had hurricane force winds (74 m.p.h. or higher) as the center crossed the coast.
D Cyclone was of tropical depression intensity (38 m.p.h. or lower) as the center crossed the coast.

ACKNOWLEDGMENTS

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SERIES A - CHART NUMBERS
ANNUAL TRACK CHARTS, NORTH ATLANTIC TROPICAL CYCLONES
1886-1958

	1880	1890	1900	1910	1920	1930	1940	1950
0		5	15	25	35	45	55	65
1		6	16	26	36	46	56	66
2		7	17	27	37	47	57	67
3		8	18	28	38	48	58	68
4		9	19	29	39	49	59	69
5		10	20	30	40	50	60	70
6	1	11	21	31	41	51	61	71
7	2	12	22	32	42	52	62	72
8	3	13	23	33	43	53	63	73
9	4	14	24	34	44	54	64	

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

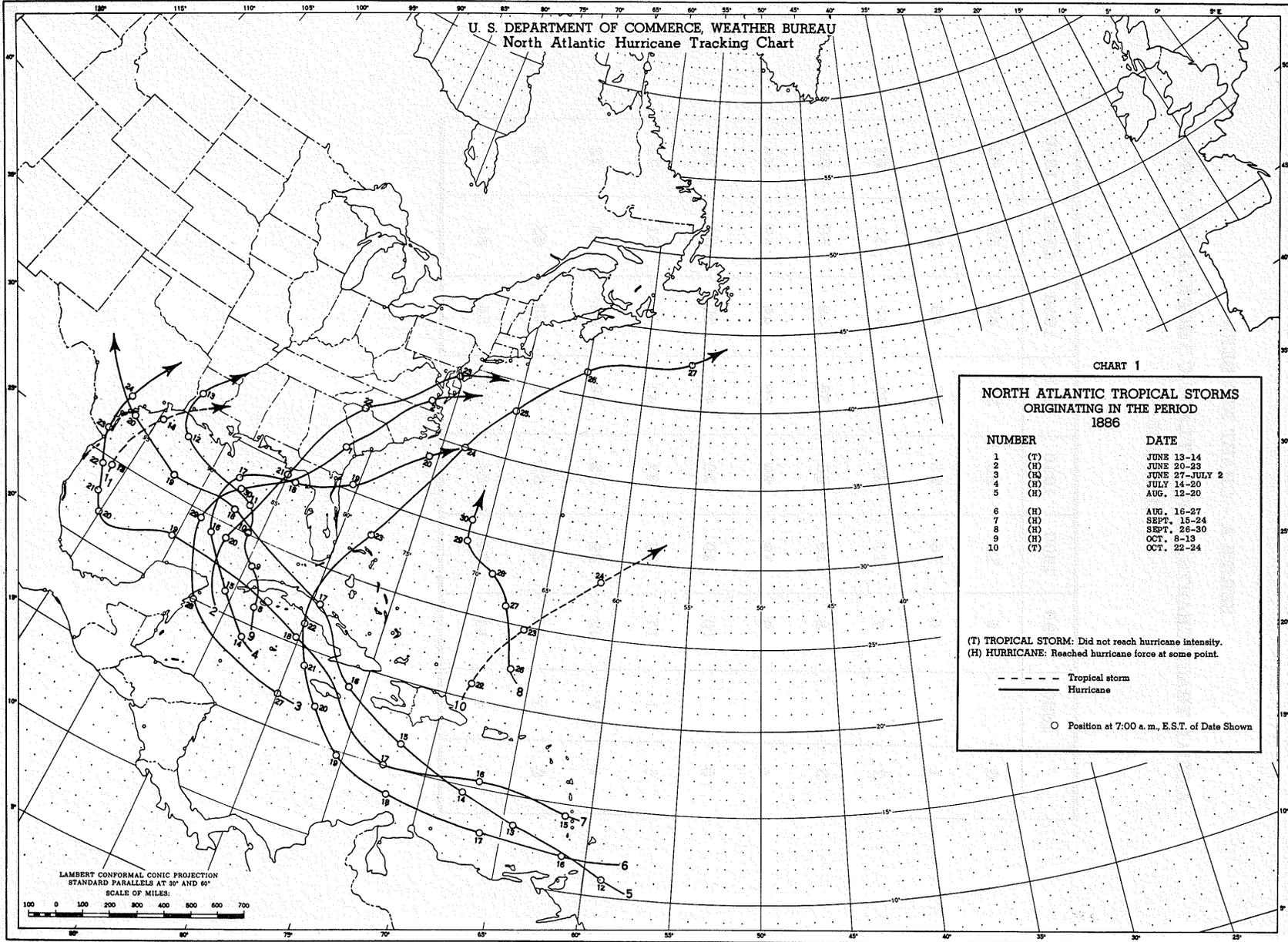


CHART 1

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1886

NUMBER	DATE
1 (T)	JUNE 13-14
2 (H)	JUNE 20-23
3 (H)	JUNE 27-JULY 2
4 (H)	JULY 14-20
5 (H)	AUG. 12-20
6 (H)	AUG. 16-27
7 (H)	SEPT. 15-24
8 (H)	SEPT. 26-30
9 (H)	OCT. 8-13
10 (T)	OCT. 22-24

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

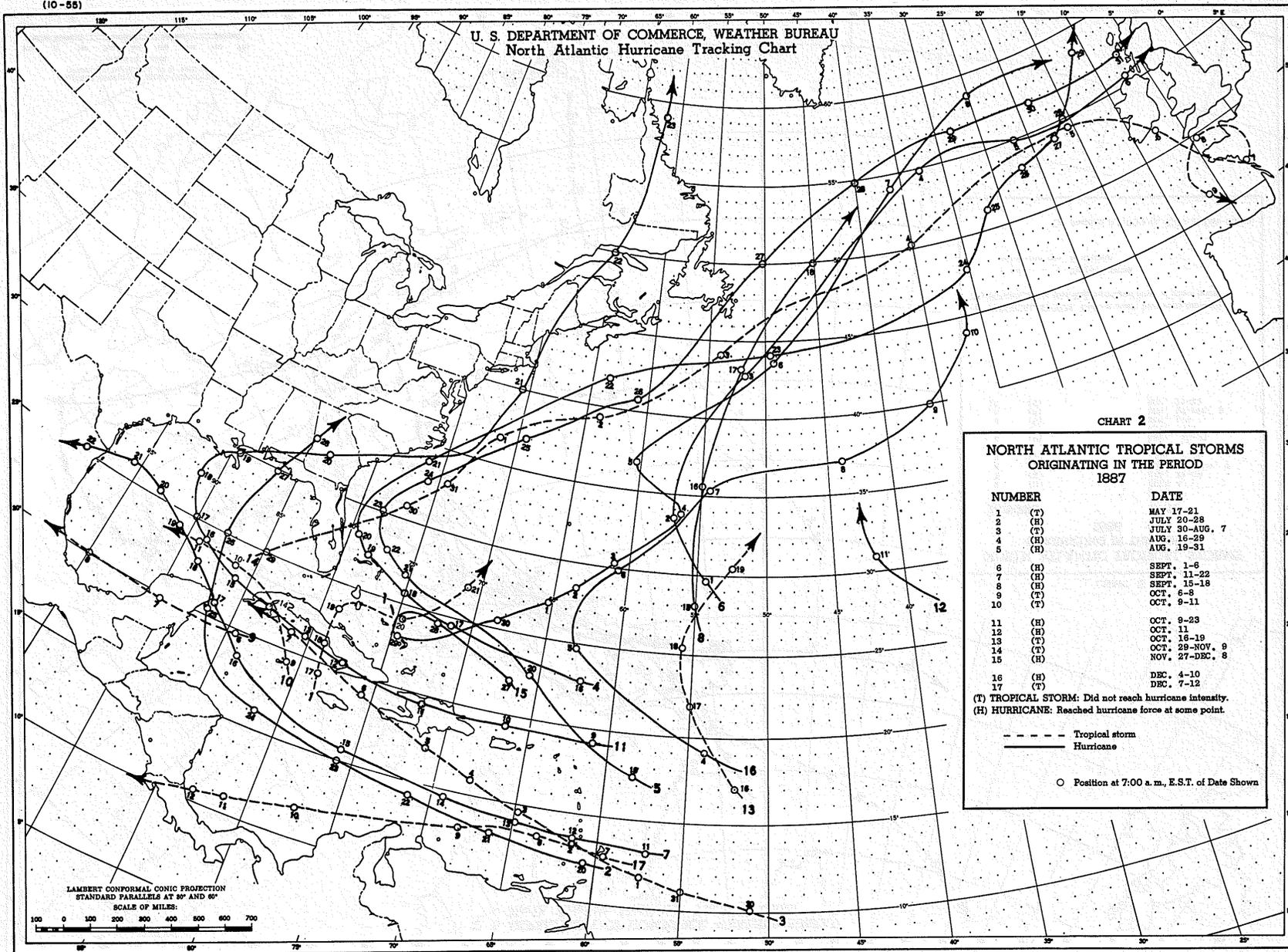


CHART 2

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1887

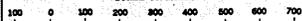
NUMBER	DATE
1 (T)	MAY 17-21
2 (H)	JULY 20-28
3 (T)	JULY 30-AUG. 7
4 (H)	AUG. 16-29
5 (H)	AUG. 19-31
6 (H)	SEPT. 1-8
7 (H)	SEPT. 11-22
8 (H)	SEPT. 15-18
9 (T)	OCT. 6-8
10 (T)	OCT. 9-11
11 (H)	OCT. 9-23
12 (H)	OCT. 11
13 (T)	OCT. 16-19
14 (T)	OCT. 29-NOV. 9
15 (H)	NOV. 27-DEC. 8
16 (H)	DEC. 4-10
17 (T)	DEC. 7-12

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

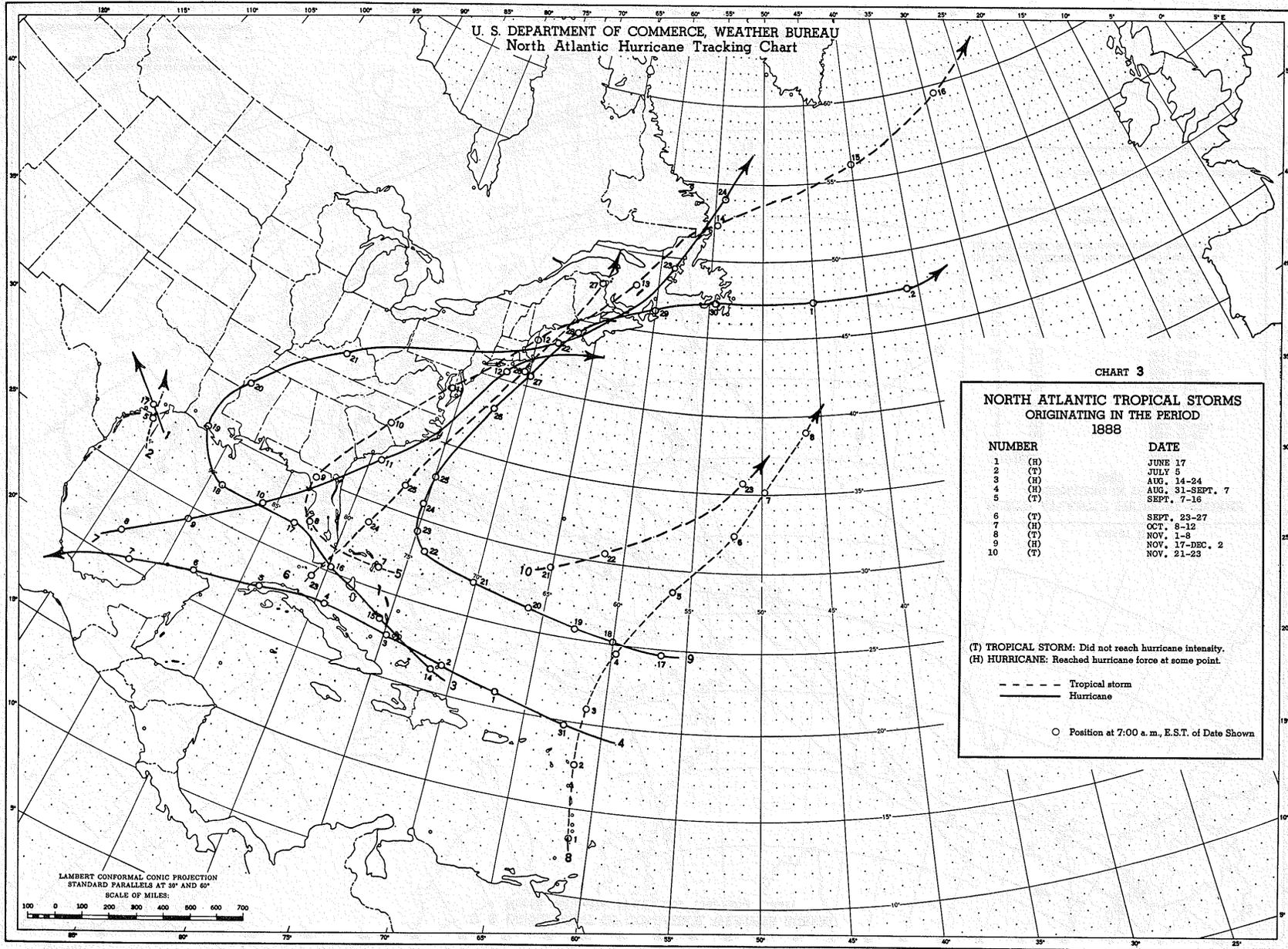


CHART 3

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1888

NUMBER	DATE
1 (H)	JUNE 17
2 (T)	JULY 5
3 (H)	AUG. 14-24
4 (H)	AUG. 31-SEPT. 7
5 (T)	SEPT. 7-16
6 (T)	SEPT. 23-27
7 (H)	OCT. 8-12
8 (T)	NOV. 1-8
9 (H)	NOV. 17-DEC. 2
10 (T)	NOV. 21-23

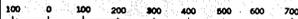
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a.m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 4

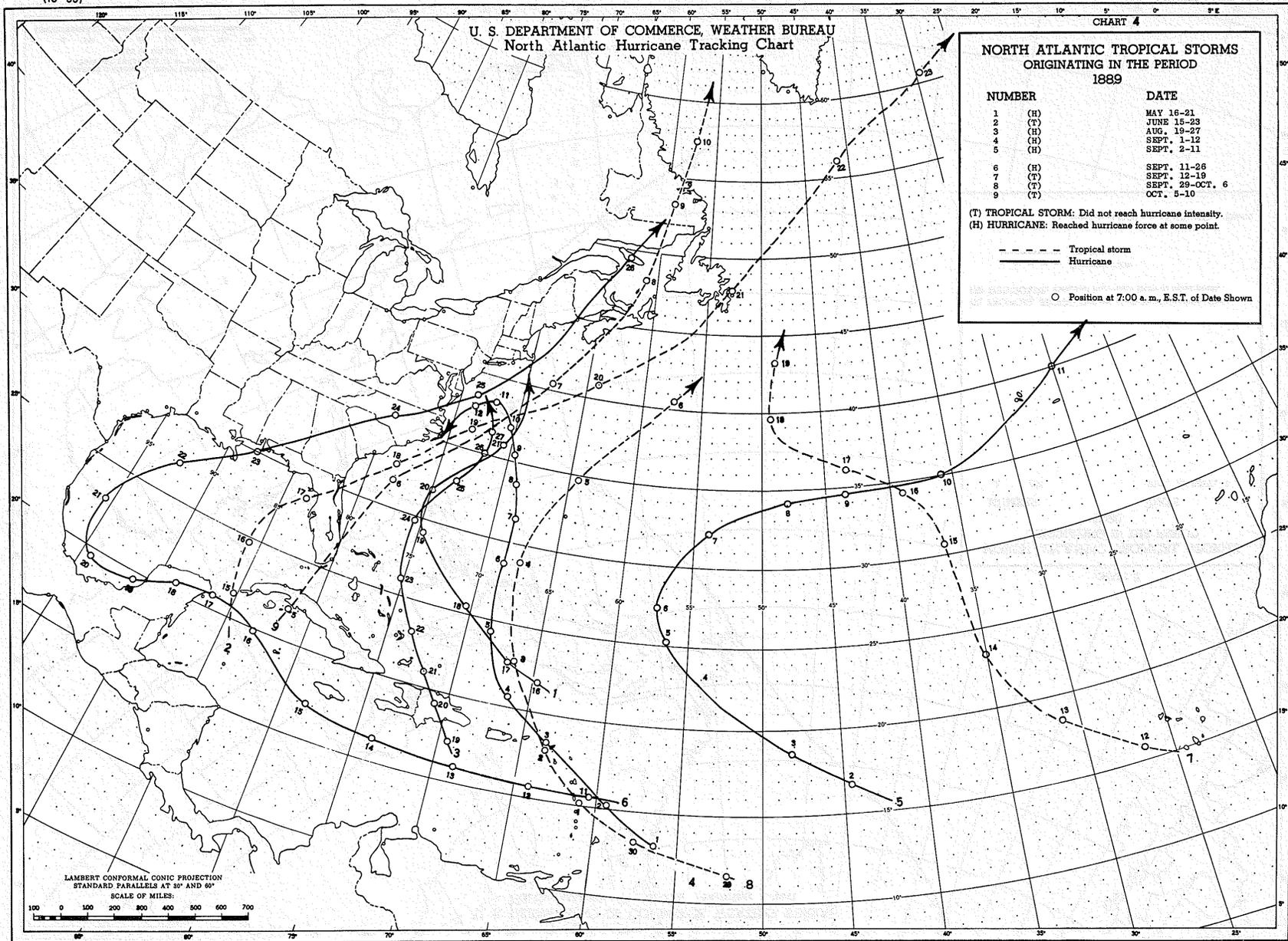
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1889

NUMBER	DATE
1 (H)	MAY 16-21
2 (T)	JUNE 15-23
3 (H)	AUG. 19-27
4 (H)	SEPT. 1-12
5 (H)	SEPT. 2-11
6 (H)	SEPT. 11-26
7 (T)	SEPT. 12-19
8 (T)	SEPT. 29-OCT. 6
9 (T)	OCT. 5-10

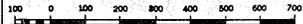
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T. of Date Shown



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 5

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1890

NUMBER	DATE
1 (H)	AUG. 26-SEPT. 3

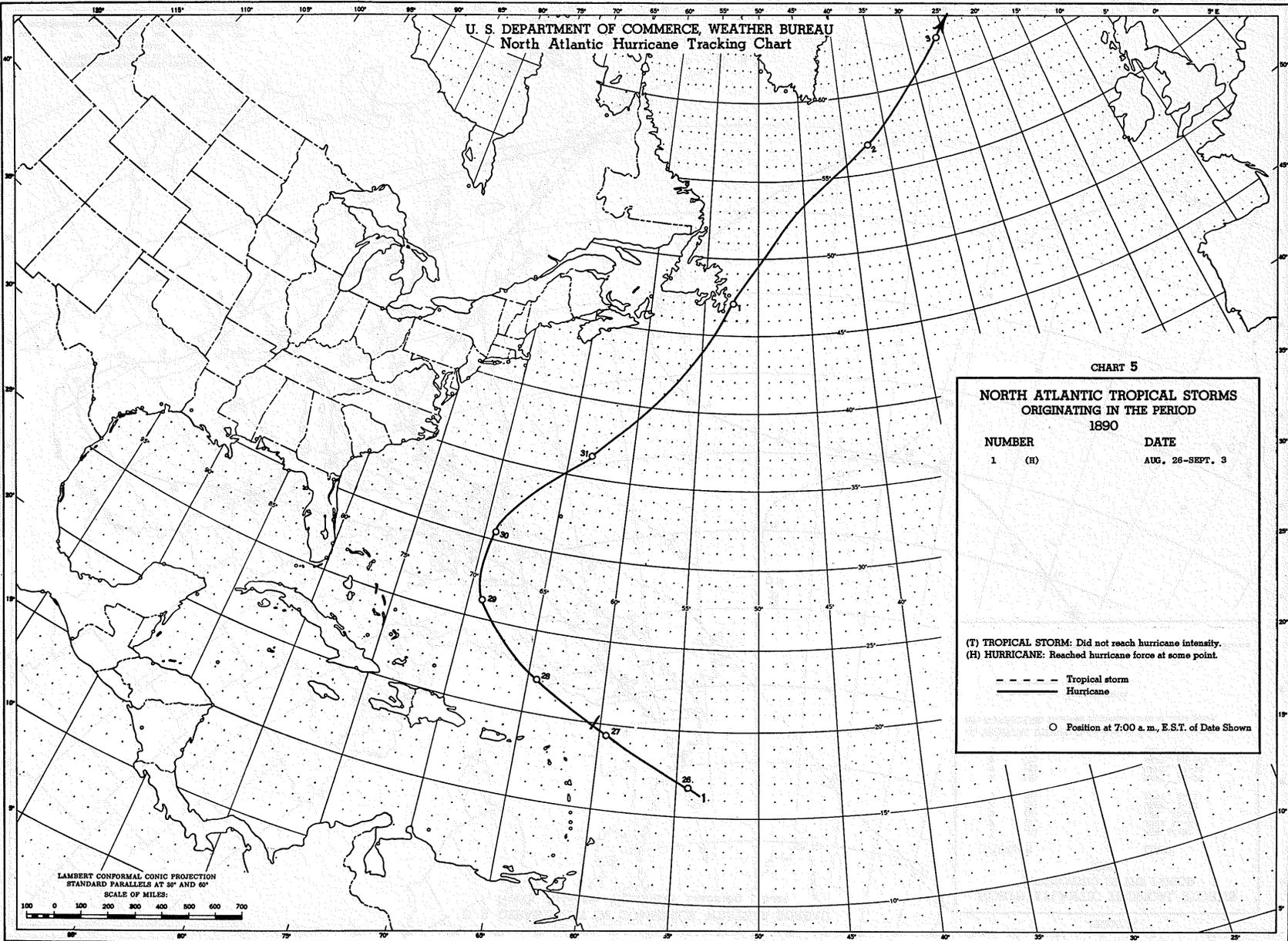
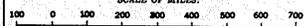
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 6

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1891

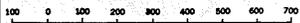
NUMBER		DATE
1	(H)	JULY 3-12
2	(H)	AUG. 17-29
3	(H)	AUG. 18-25
4	(H)	SEPT. 2-10
5	(H)	SEPT. 16-OCT. 1
6	(H)	SEPT. 29-OCT. 9
7	(T)	OCT. 1-10
8	(T)	OCT. 6-11
9	(H)	OCT. 8-22
10	(H)	OCT. 12-22
11	(T)	NOV. 3-8

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 7

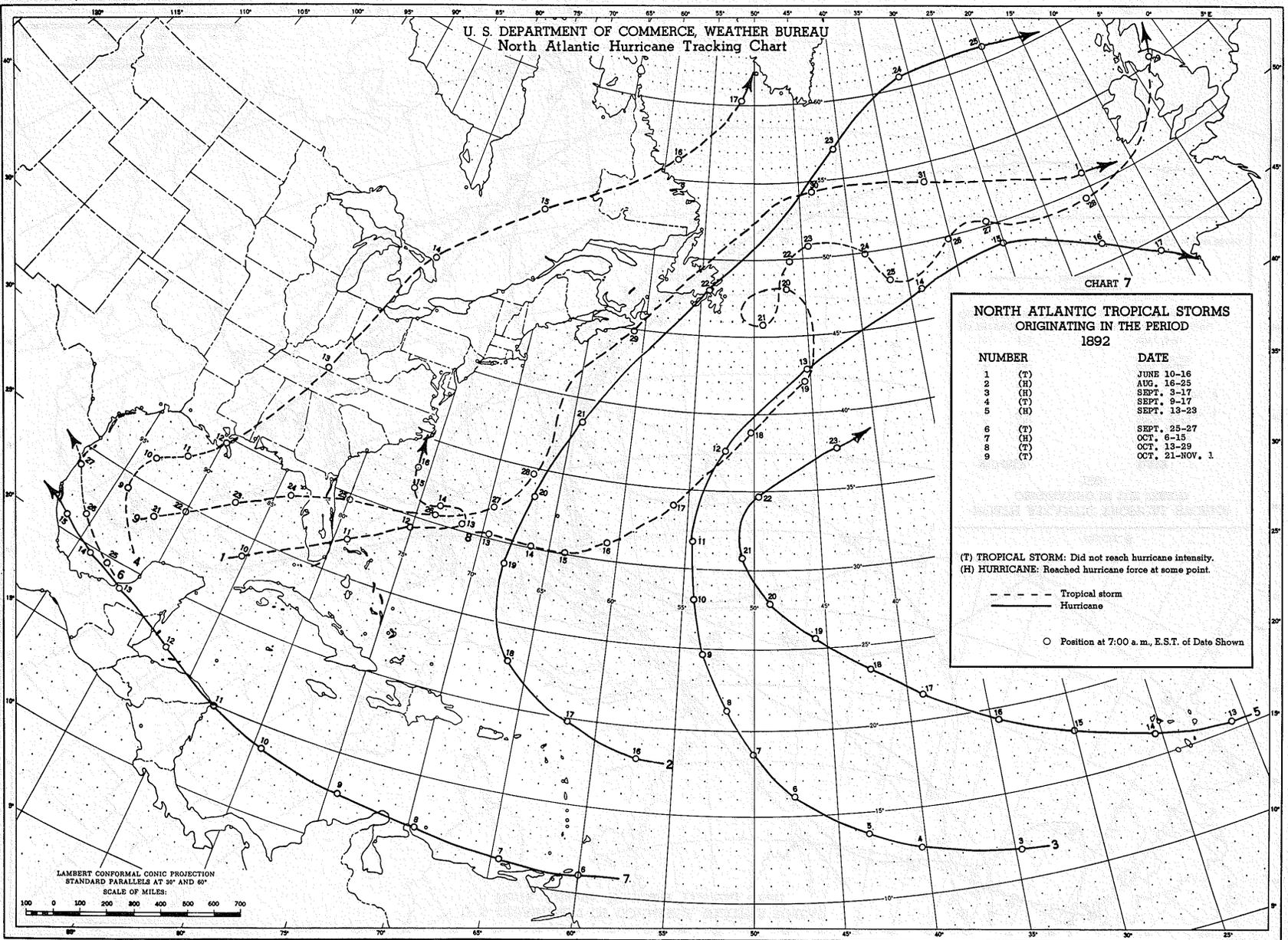
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1892**

NUMBER	DATE
1 (T)	JUNE 10-16
2 (H)	AUG. 16-25
3 (H)	SEPT. 3-17
4 (T)	SEPT. 9-17
5 (H)	SEPT. 13-23
6 (T)	SEPT. 25-27
7 (H)	OCT. 6-15
8 (T)	OCT. 13-29
9 (T)	OCT. 21-NOV. 1

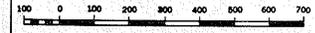
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E. S. T. of Date Shown



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 8

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1893**

NUMBER	DATE
1 (H)	JUNE 13-28
2 (H)	JULY 4-8
3 (H)	AUG. 13-26
4 (H)	AUG. 15-SEPT. 2
5 (H)	AUG. 15-18
6 (H)	AUG. 17-SEPT. 5
7 (H)	AUG. 20-29
8 (H)	SEPT. 6-10
9 (H)	SEPT. 25-OCT. 15
10 (H)	SEPT. 27-OCT. 5
11 (T)	OCT. 20-23
12 (T)	NOV. 5-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

— Tropical storm
- - - Hurricane
○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 9

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1894

NUMBER	DATE
1 (T)	AUG. 6-8
2 (H)	AUG. 30-SEPT. 9
3 (H)	SEPT. 18-30
4 (H)	OCT. 1-12
5 (H)	OCT. 11-19
6 (H)	OCT. 21-NOV. 4

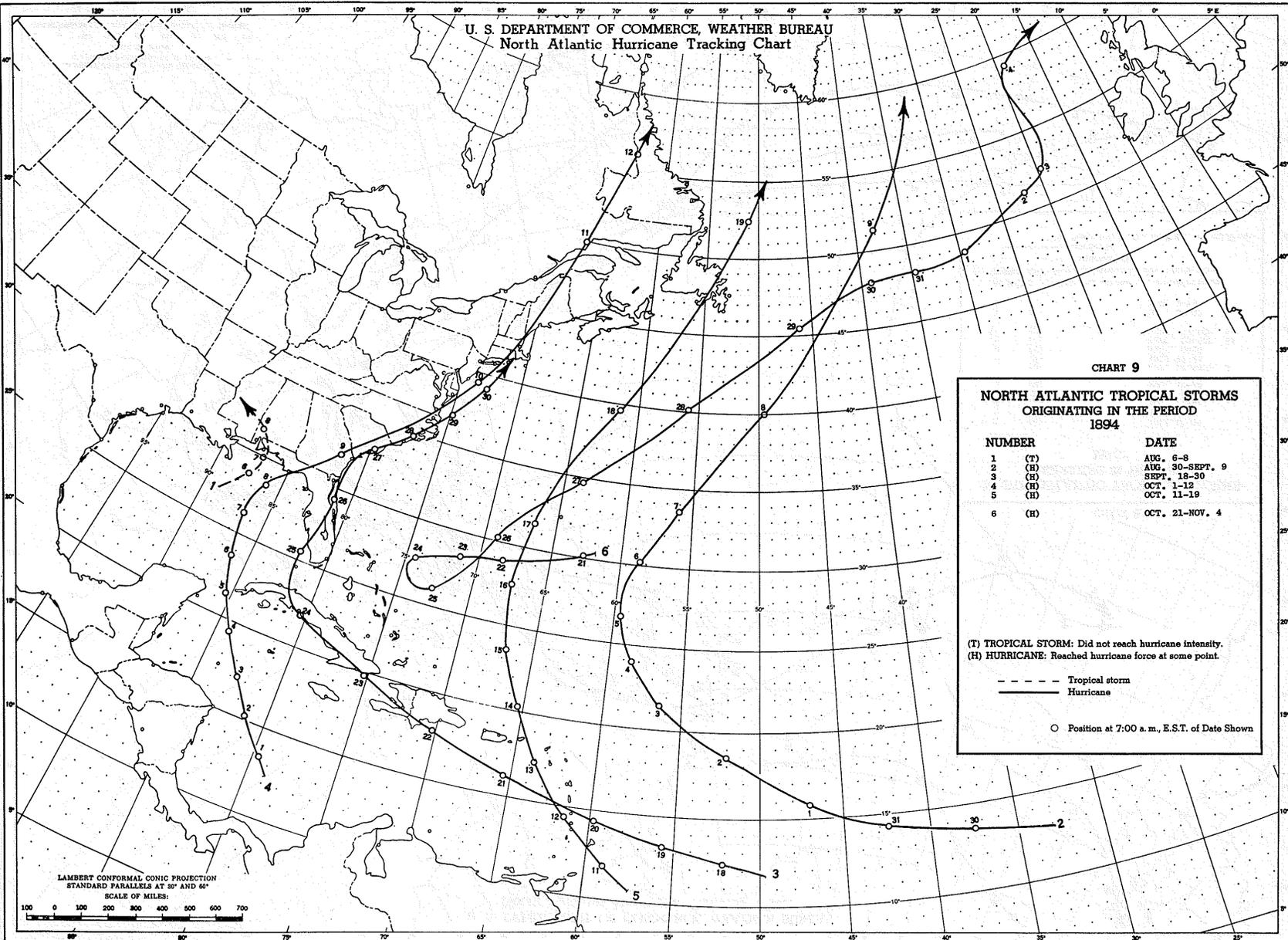
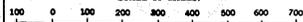
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

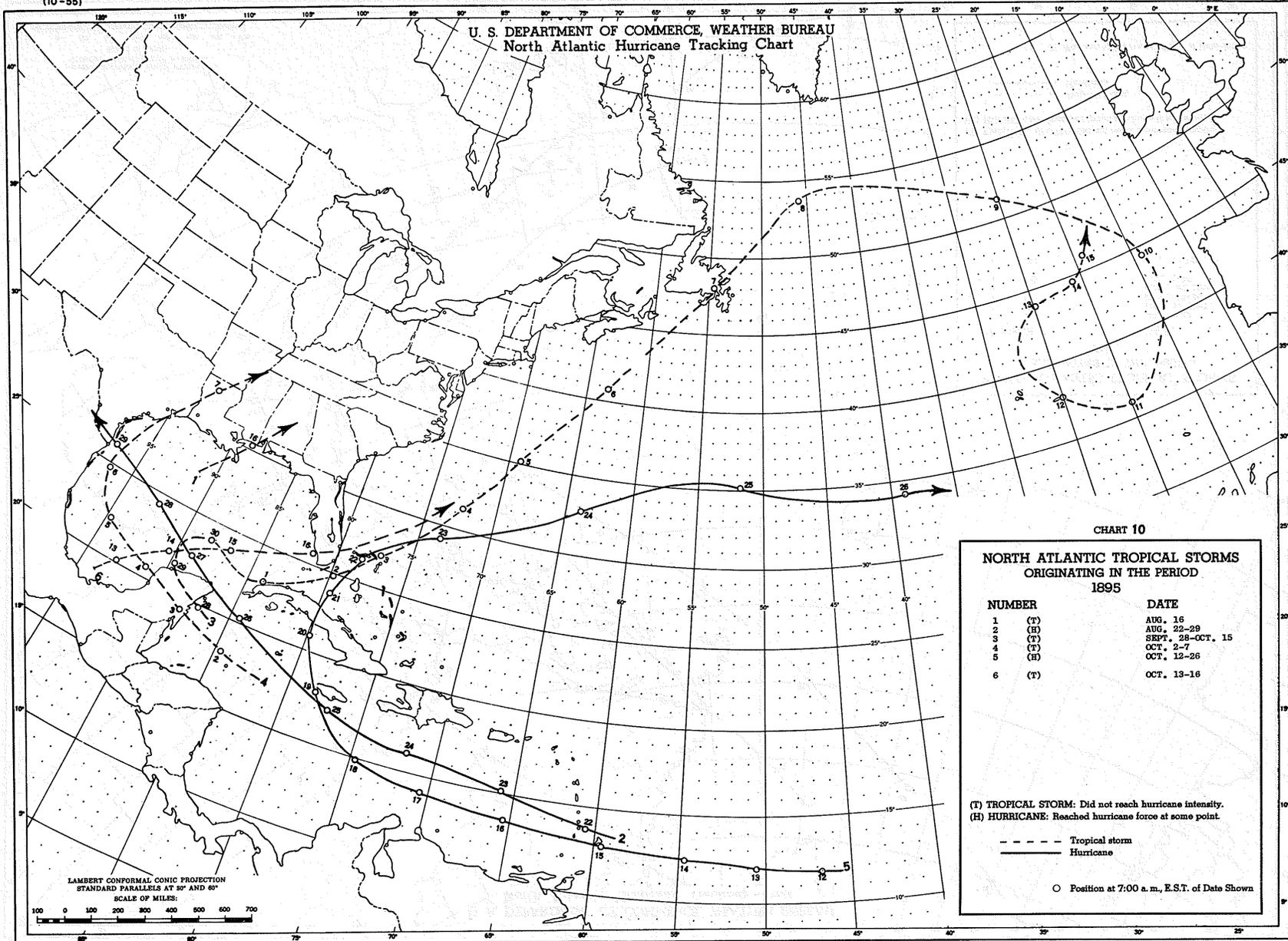


CHART 10

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1895**

NUMBER		DATE
1	(T)	AUG. 16
2	(H)	AUG. 22-29
3	(T)	SEPT. 28-OCT. 15
4	(T)	OCT. 2-7
5	(H)	OCT. 12-26
6	(T)	OCT. 13-16

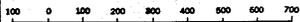
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

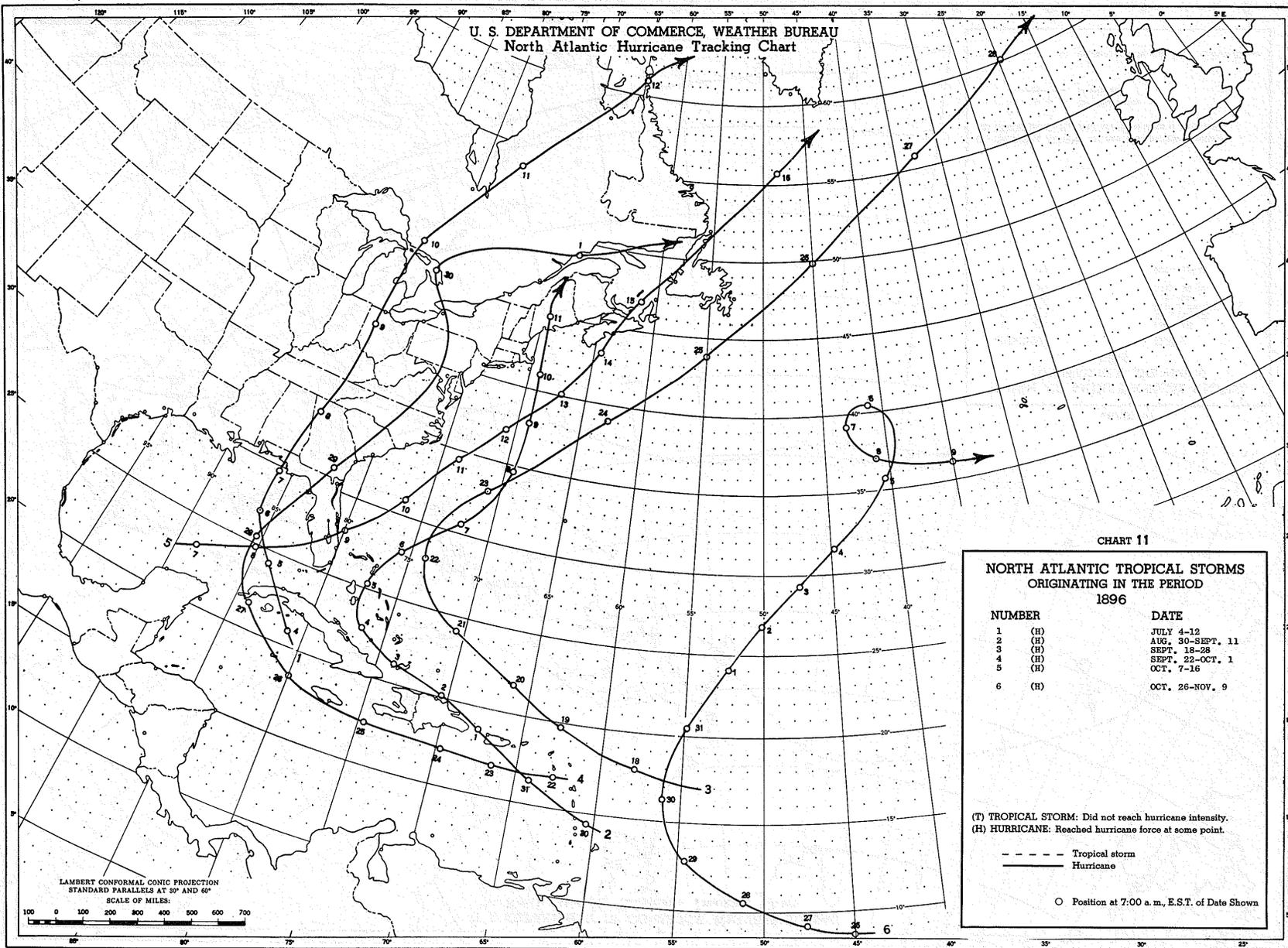
○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:

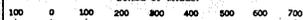


CHART 11

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1896

NUMBER	DATE
1 (H)	JULY 4-12
2 (H)	AUG. 30-SEPT. 11
3 (H)	SEPT. 18-28
4 (H)	SEPT. 22-OCT. 1
5 (H)	OCT. 7-15
6 (H)	OCT. 26-NOV. 9

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a.m., E.S.T. of Date Shown

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 12

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1897

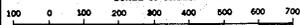
NUMBER	DATE
1 (H)	AUG. 31-SEPT. 10
2 (H)	SEPT. 10-13
3 (T)	SEPT. 20-25
4 (T)	OCT. 10-26
5 (T)	OCT. 23-NOV. 6

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

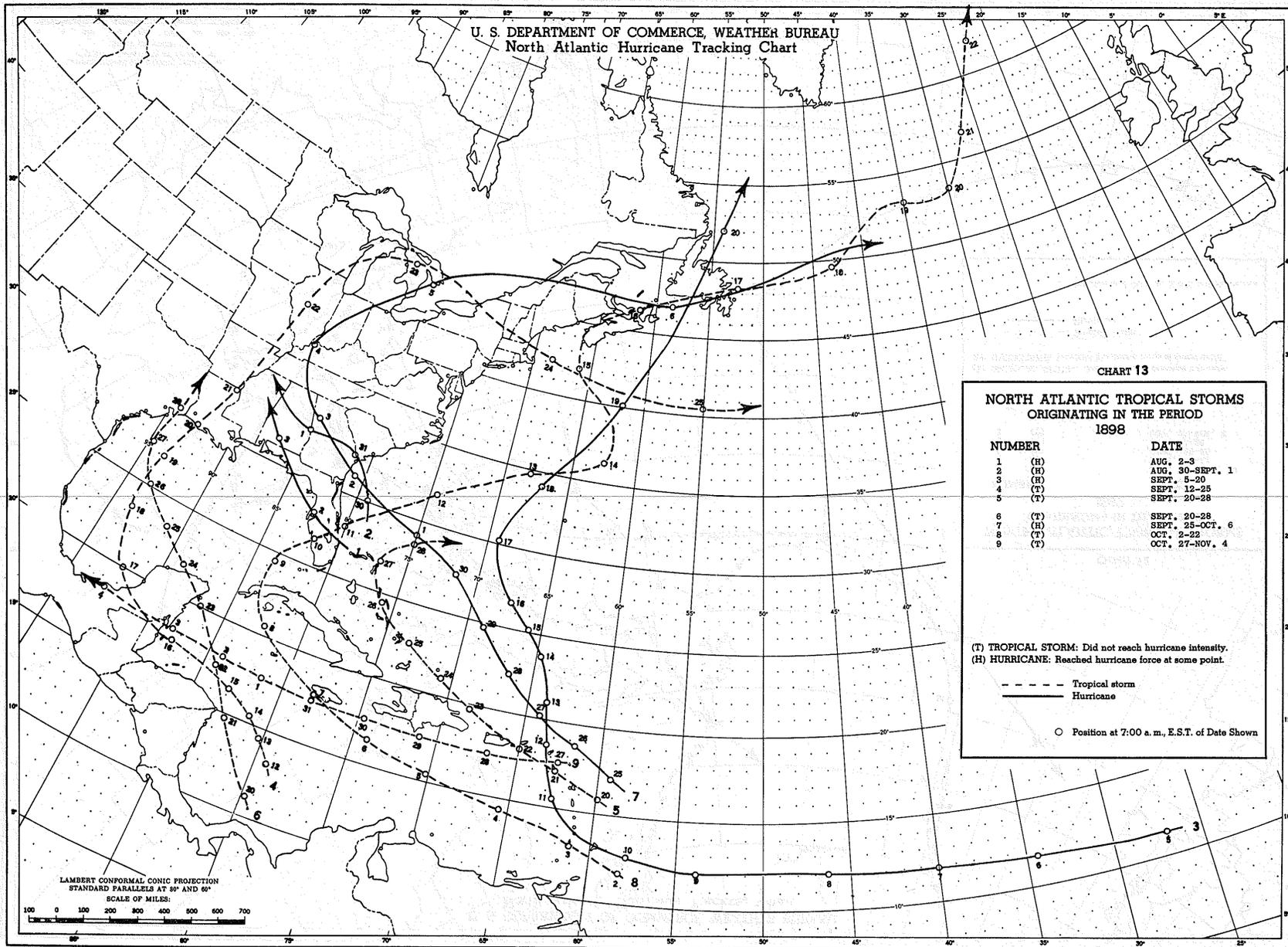


CHART 13

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1898

NUMBER		DATE
1	(H)	AUG. 2-3
2	(H)	AUG. 30-SEPT. 1
3	(H)	SEPT. 5-20
4	(T)	SEPT. 12-25
5	(T)	SEPT. 20-28
6	(T)	SEPT. 20-28
7	(H)	SEPT. 25-OCT. 6
8	(T)	OCT. 2-22
9	(T)	OCT. 27-NOV. 4

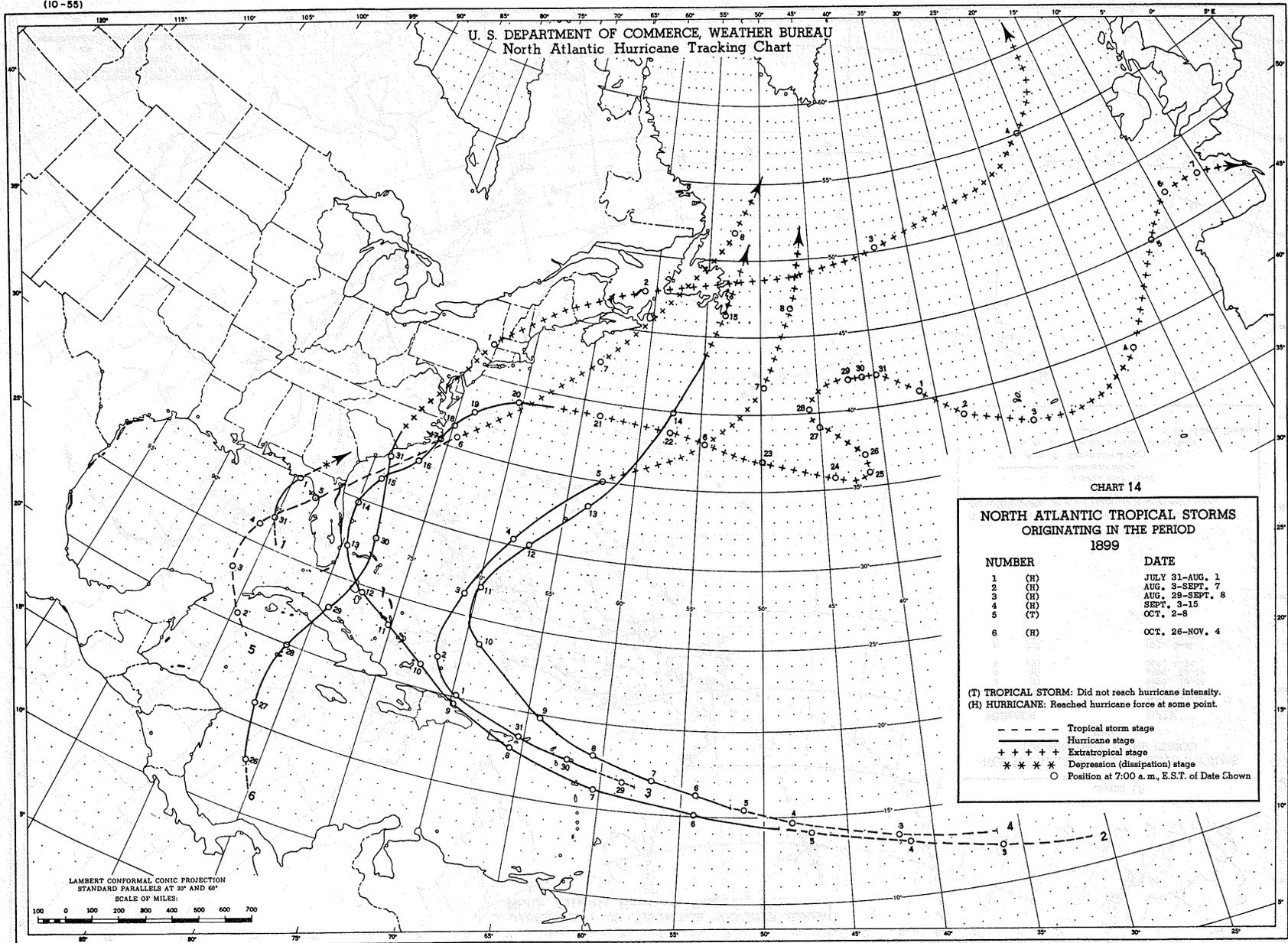
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 15

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1900

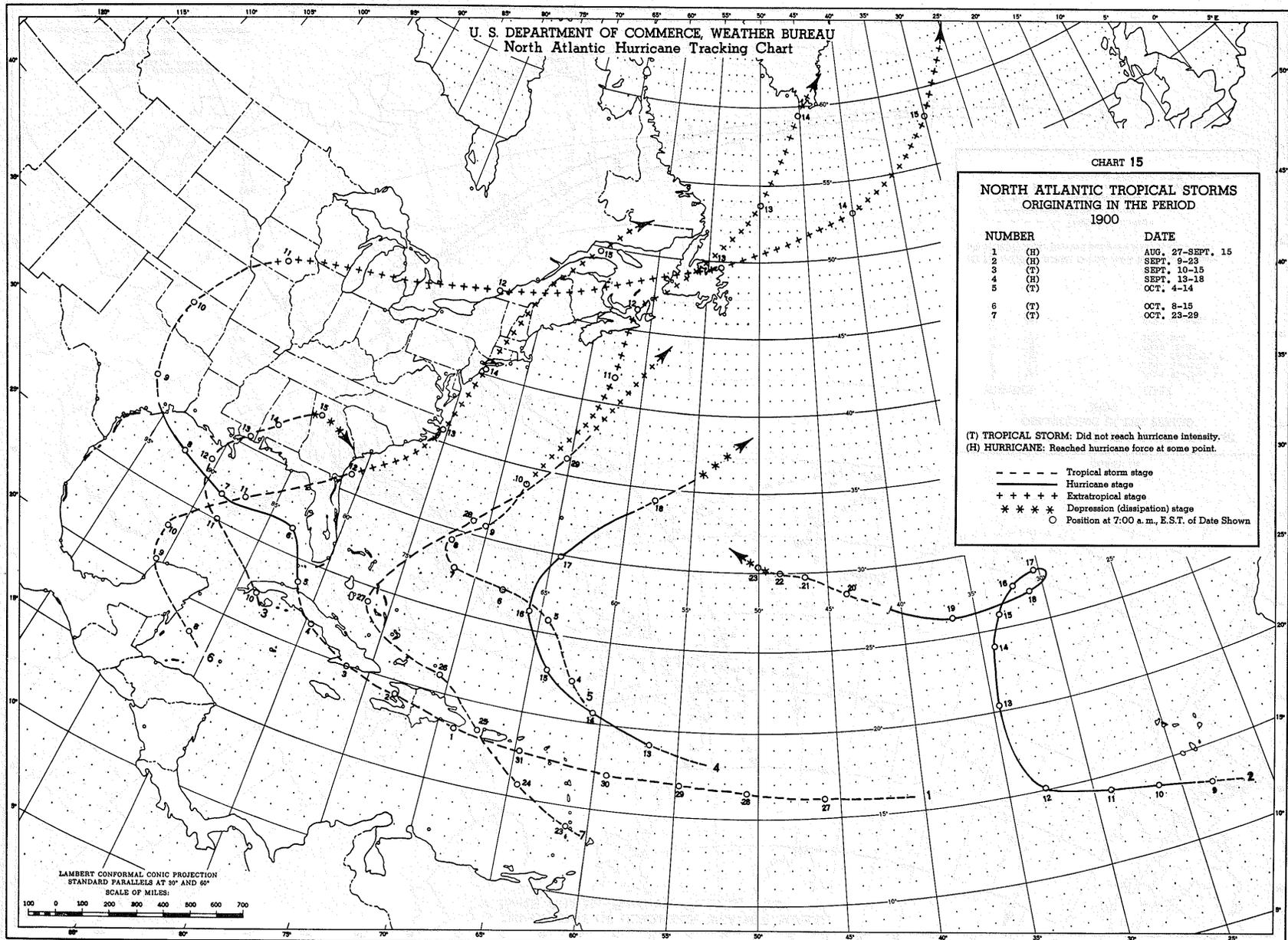
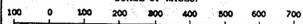
NUMBER	DATE
1 (H)	AUG. 27-SEPT. 15
2 (H)	SEPT. 9-23
3 (T)	SEPT. 10-15
4 (H)	SEPT. 13-18
5 (T)	OCT. 4-14
6 (T)	OCT. 8-15
7 (T)	OCT. 23-29

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + Extratropical stage
- * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 16

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1901

NUMBER	DATE
1	(T) JUNE 10-14
2	(T) JULY 2-10
3	(H) JULY 5-13
4	(H) AUG. 4-18
5	(H) AUG. 30-SEPT. 11
6	(T) SEPT. 9-19
7	(T) SEPT. 12-17
8	(T) SEPT. 21-OCT. 3
9	(T) OCT. 7-14
10	(T) OCT. 31-NOV. 6

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

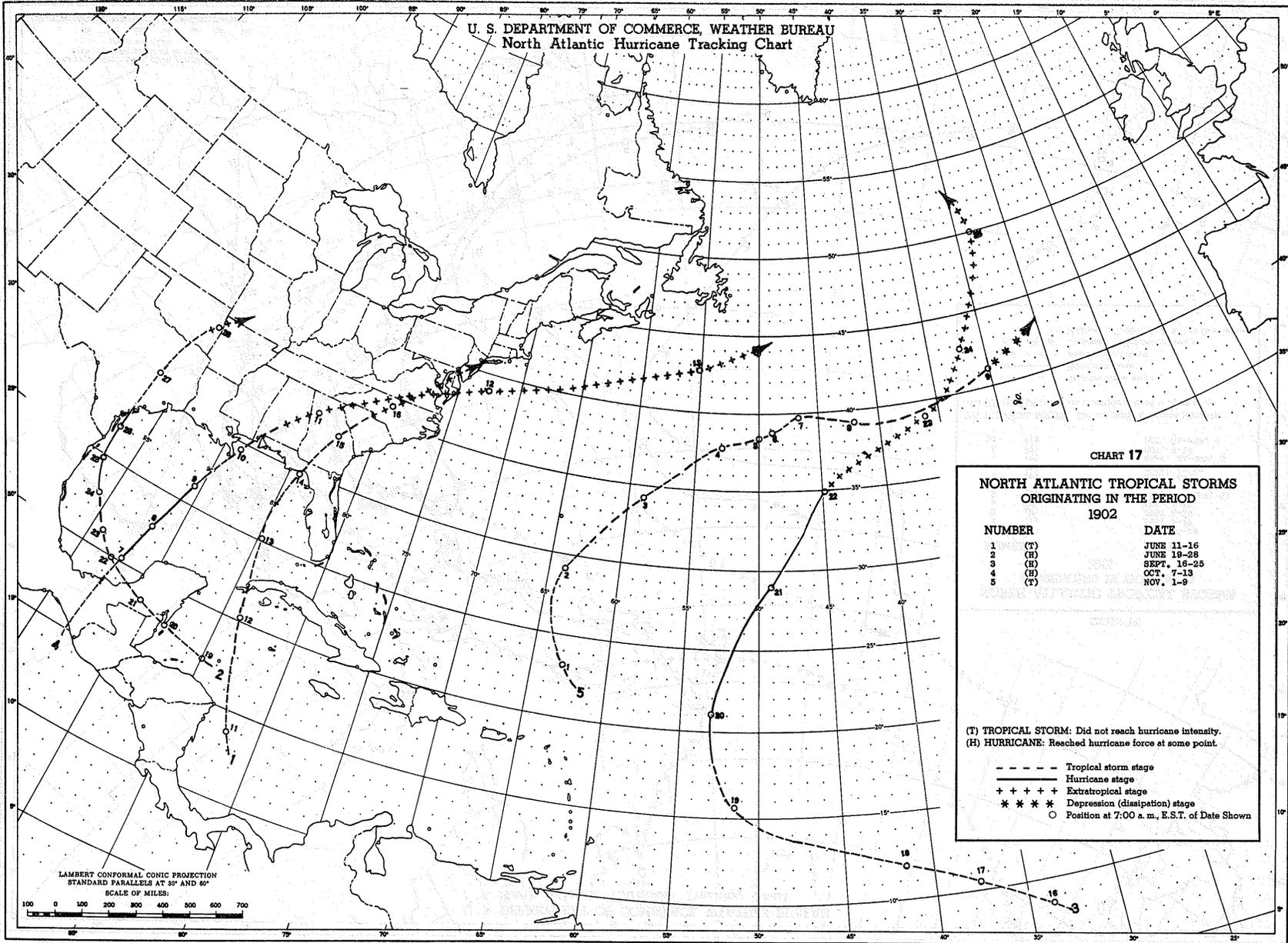


CHART 17

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1902**

NUMBER		DATE
1	(T)	JUNE 11-16
2	(H)	JUNE 19-28
3	(H)	SEPT. 16-25
4	(H)	OCT. 7-13
5	(T)	NOV. 1-9

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
— Hurricane stage
+ + + + Extratropical stage
* * * * Depression (dissipation) stage
O Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

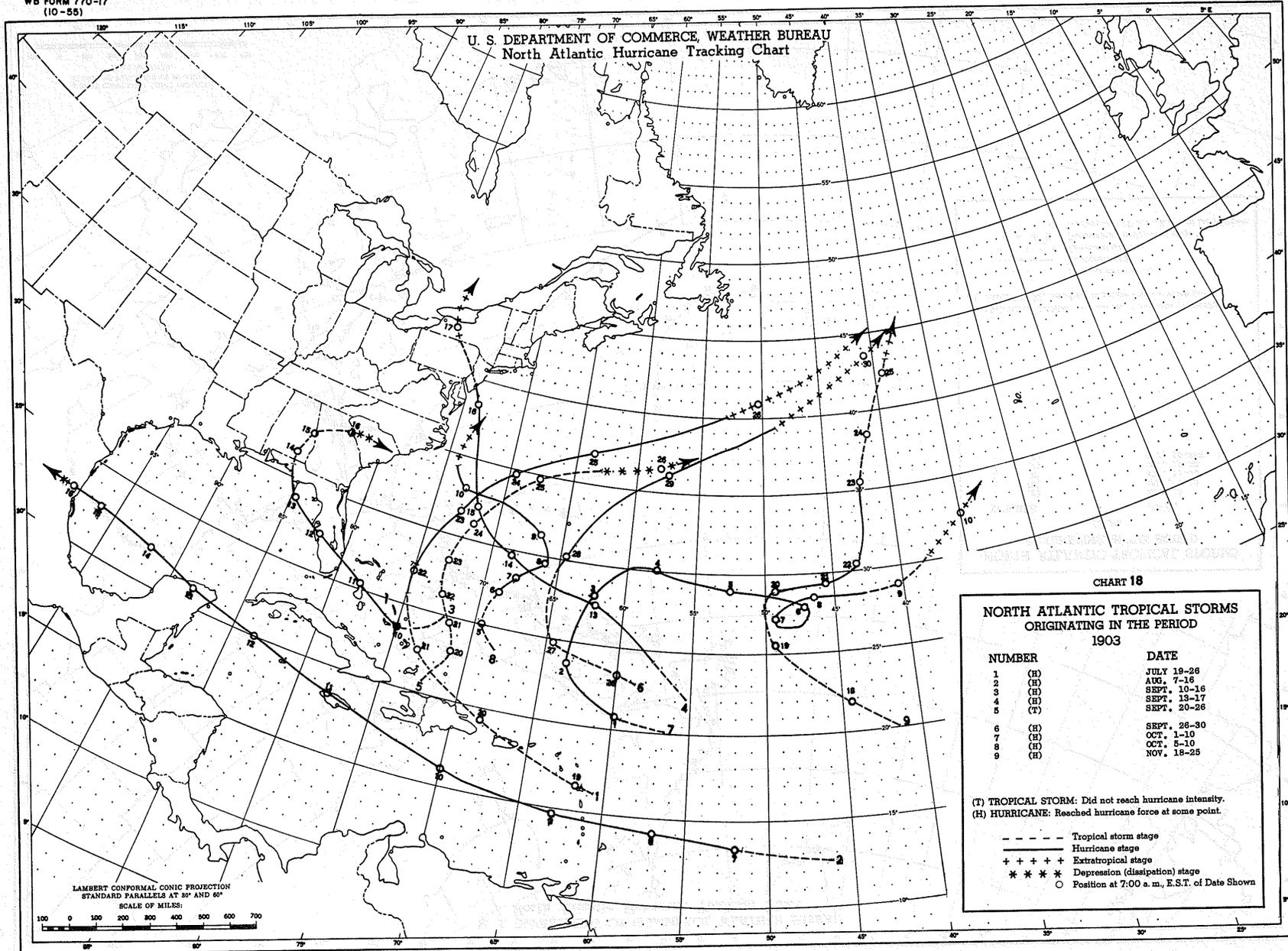


CHART 18

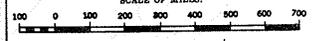
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1903

NUMBER		DATE
1	(H)	JULY 19-26
2	(H)	AUG. 7-18
3	(H)	SEPT. 10-16
4	(H)	SEPT. 13-17
5	(T)	SEPT. 20-26
6	(H)	SEPT. 26-30
7	(H)	OCT. 1-10
8	(H)	OCT. 5-10
9	(H)	NOV. 18-25

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

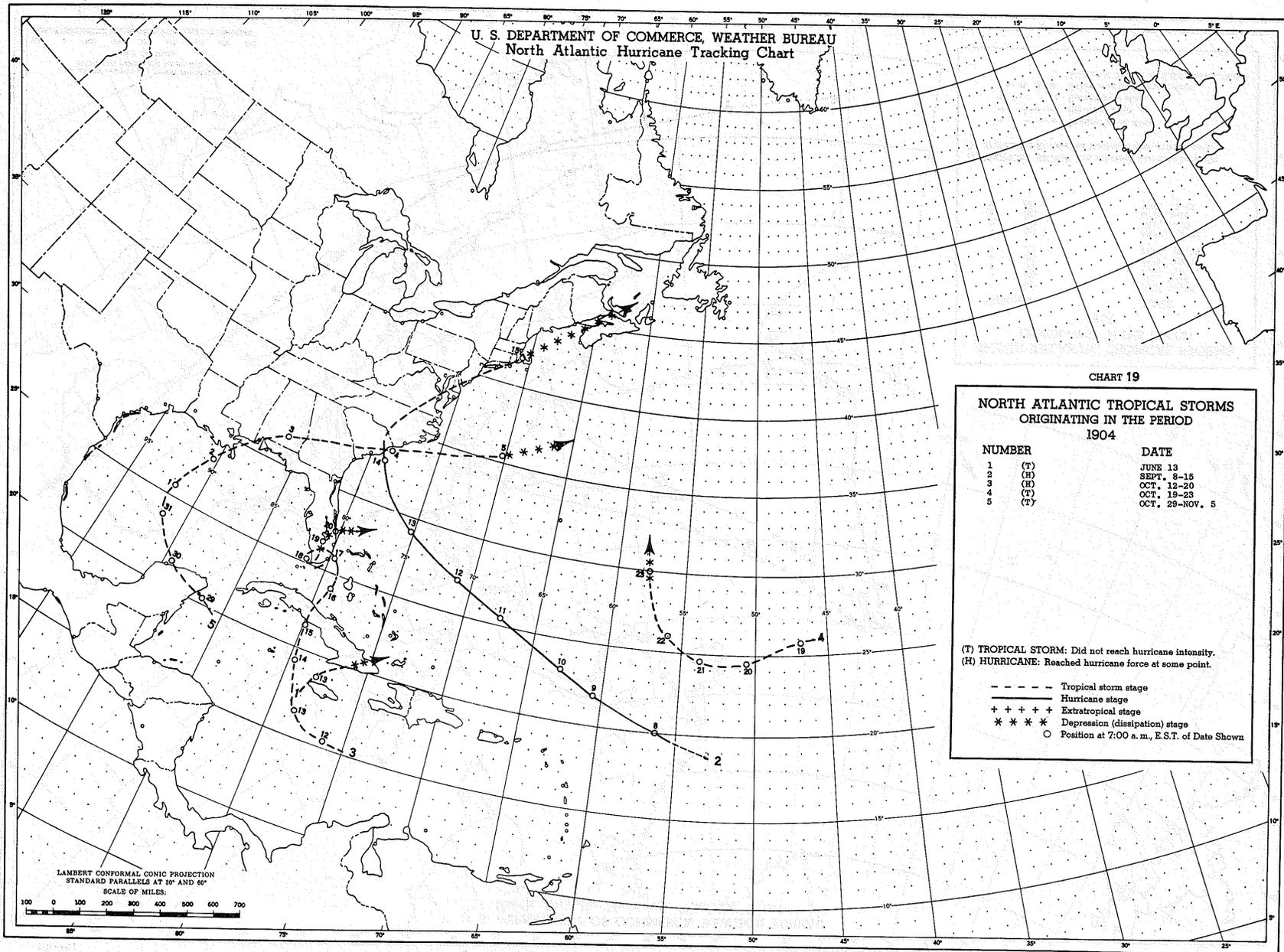


CHART 19

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1904

NUMBER		DATE
1	(T)	JUNE 13
2	(H)	SEPT. 8-15
3	(H)	OCT. 12-20
4	(T)	OCT. 19-23
5	(T)	OCT. 29-NOV. 5

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 20

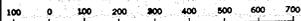
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1905

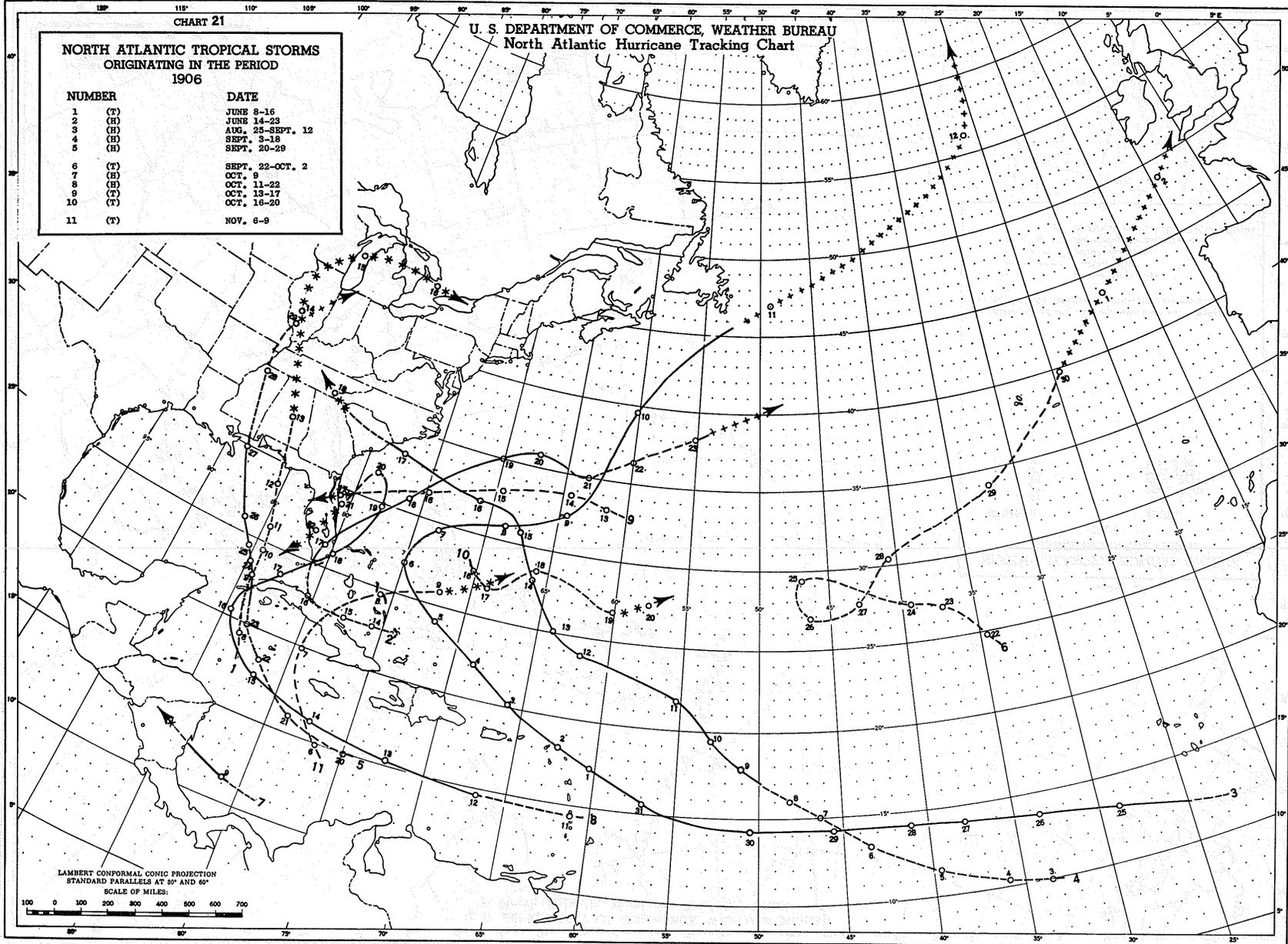
NUMBER	DATE
1	(T) SEPT. 6-7
2	(T) SEPT. 11-16
3	(T) SEPT. 24-30
4	(H) OCT. 3-13
5	(T) OCT. 5-10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
 --- Hurricane stage
 + + + + Extratropical stage
 * * * * Depression (dissipation) stage
 O Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 25° AND 65°
SCALE OF MILES:





U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 22

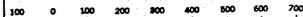
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1907

NUMBER	DATE
1	JUNE 24-29
2	SEPT. 17-23
3	SEPT. 27-29
4	OCT. 17-21

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

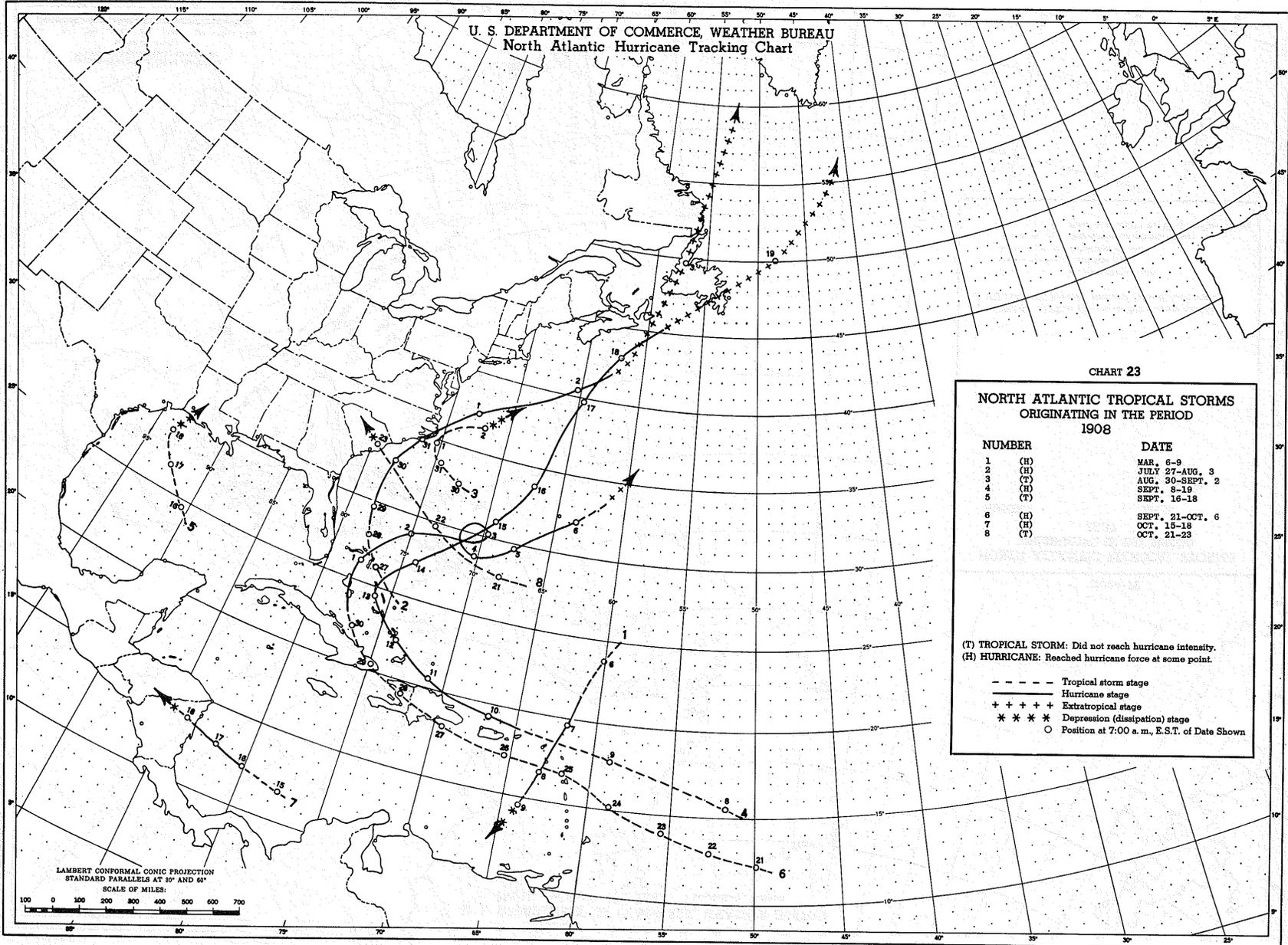


CHART 23

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1908

NUMBER		DATE
1	(H)	MAR. 6-9
2	(H)	JULY 27-AUG. 3
3	(T)	AUG. 30-SEPT. 2
4	(H)	SEPT. 8-19
5	(T)	SEPT. 16-18
6	(H)	SEPT. 21-OCT. 6
7	(H)	OCT. 15-18
8	(T)	OCT. 21-23

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T. of Date Shown

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 24

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1909

NUMBER		DATE
1	(T)	JUNE 25-30
2	(T)	JUNE 26-JULY 1
3	(H)	JULY 13-22
4	(T)	JULY 27-AUG. 10
5	(H)	AUG. 21-28
6	(T)	AUG. 27-31
7	(H)	SEPT. 14-21
8	(T)	SEPT. 22-30
9	(H)	OCT. 7-13
10	(T)	NOV. 8-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 25

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1910

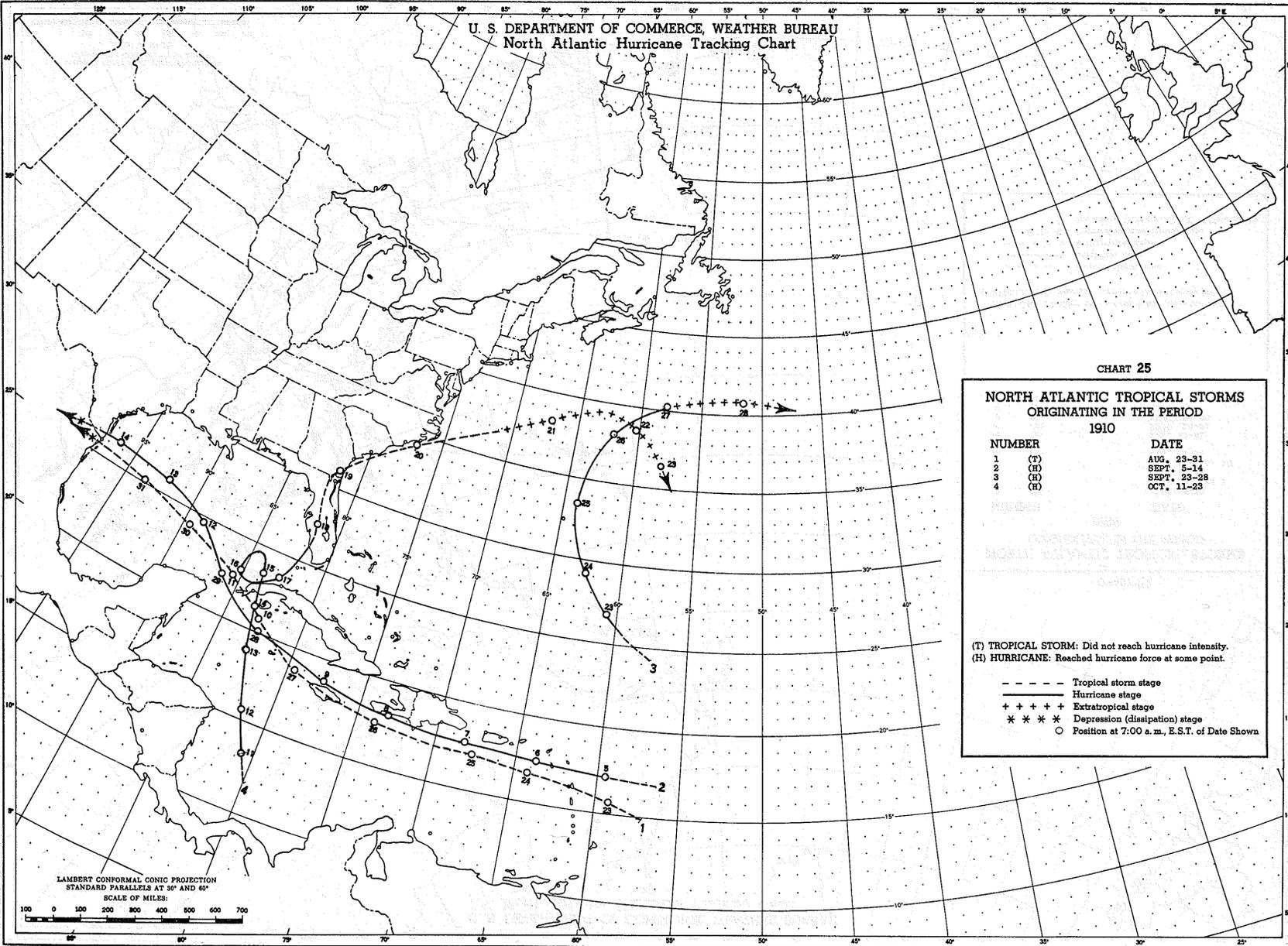
NUMBER		DATE
1	(T)	AUG. 23-31
2	(H)	SEPT. 5-14
3	(H)	SEPT. 23-28
4	(H)	OCT. 11-23

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 26

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1911

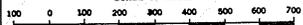
NUMBER		DATE
1	(H)	AUG. 9-14
2	(H)	AUG. 24-29
3	(H)	SEPT. 5-12
4	(T)	OCT. 23-31

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

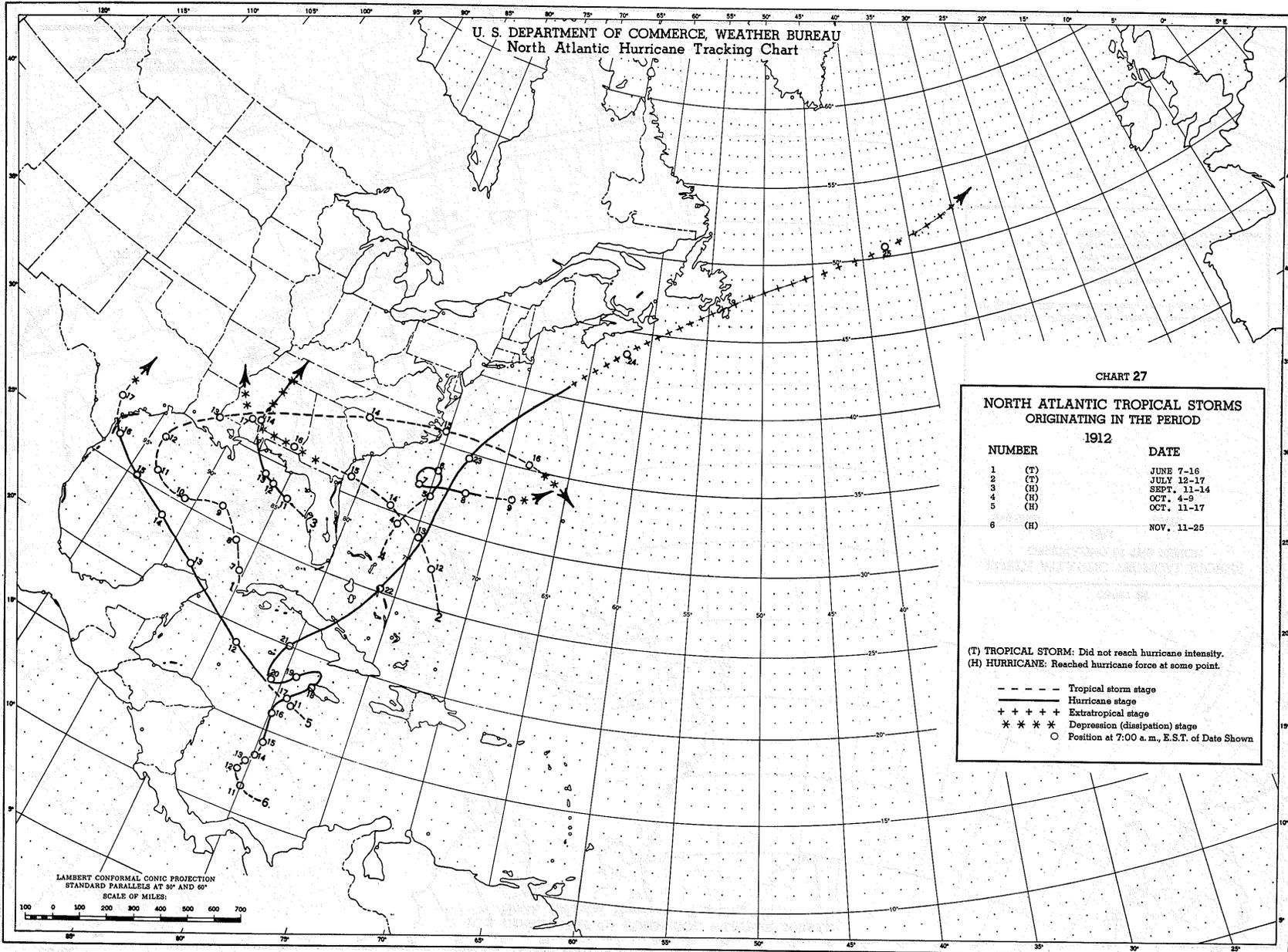


CHART 27

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1912

NUMBER		DATE
1	(T)	JUNE 7-16
2	(H)	JULY 12-17
3	(H)	SEPT. 11-14
4	(H)	OCT. 4-9
5	(H)	OCT. 11-17
6	(H)	NOV. 11-25

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 28

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

NUMBER	1913	DATE
1	(H)	JUNE 22-28
2	(H)	AUG. 30-SEPT. 4
3	(H)	SEPT. 3-12
4	(T)	OCT. 3-11

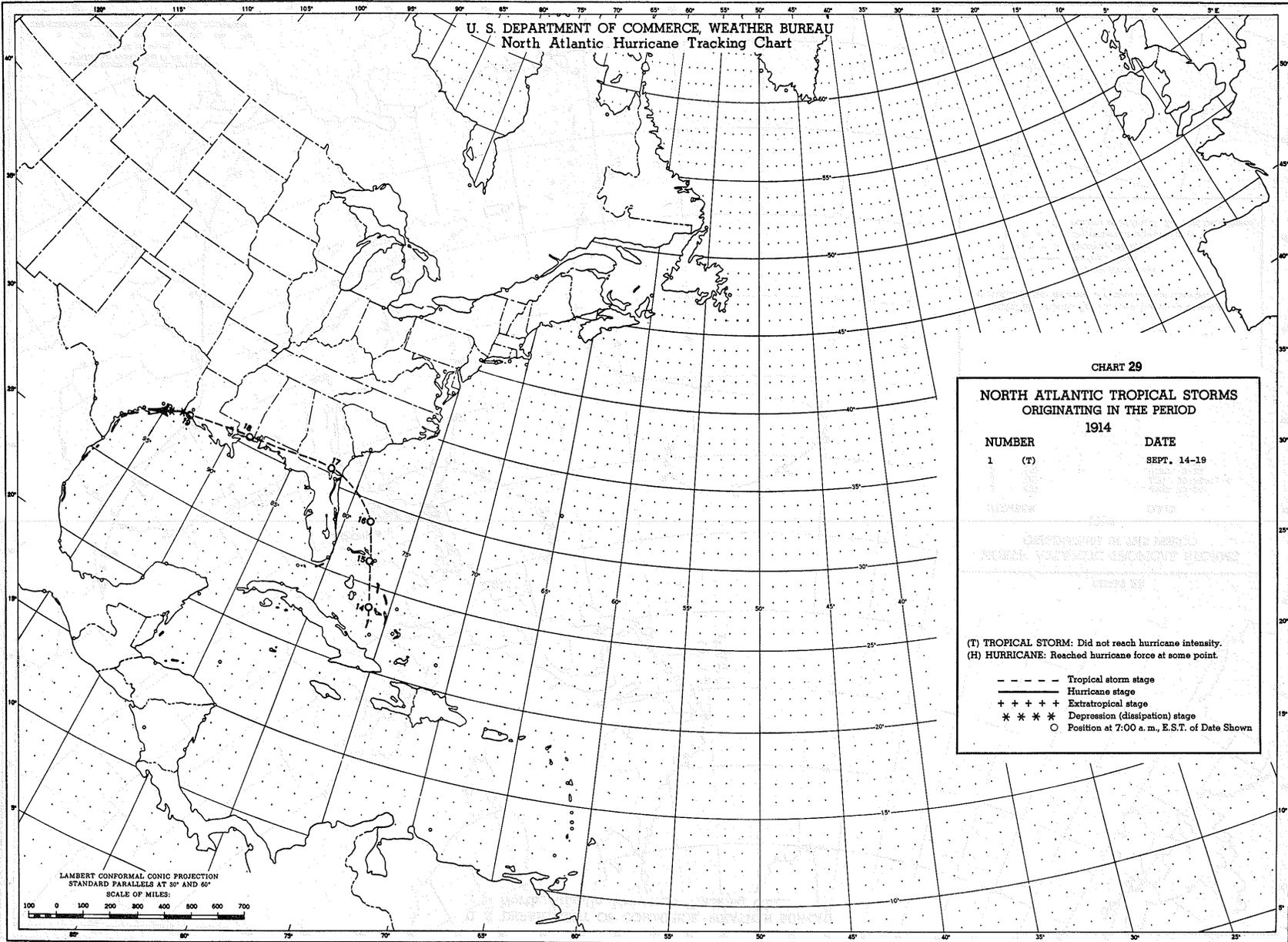
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
 ——— Hurricane stage
 + + + + Extratropical stage
 * * * * Depression (dissipation) stage
 O Position at 7:00 a.m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 30

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1915

NUMBER		DATE
1	(T)	JULY 31-AUG. 5
2	(H)	AUG. 5-25
3	(H)	AUG. 28-SEPT. 10
4	(H)	SEPT. 1-6
5	(H)	SEPT. 22-OCT. 1

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

----- Tropical storm stage
 ----- Hurricane stage
 + + + + + Extratropical stage
 * * * * * Depression (dissipation) stage
 O Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

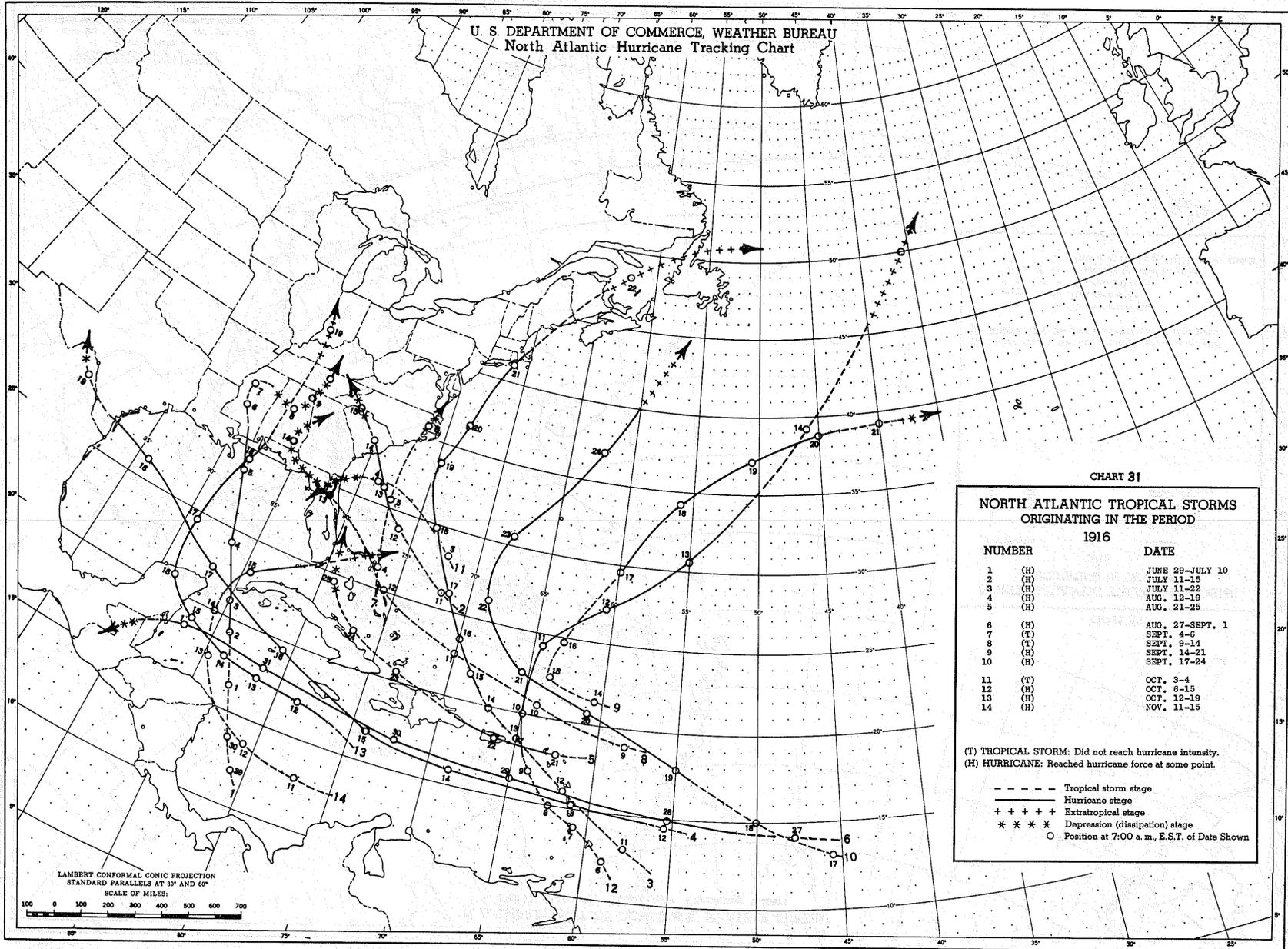


CHART 31

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1916

NUMBER		DATE
1	(H)	JUNE 29-JULY 10
2	(H)	JULY 11-15
3	(H)	JULY 11-22
4	(H)	AUG. 12-19
5	(H)	AUG. 21-25
6	(H)	AUG. 27-SEPT. 1
7	(T)	SEPT. 4-6
8	(T)	SEPT. 9-14
9	(H)	SEPT. 14-21
10	(H)	SEPT. 17-24
11	(T)	OCT. 3-4
12	(H)	OCT. 6-15
13	(H)	OCT. 12-19
14	(H)	NOV. 11-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

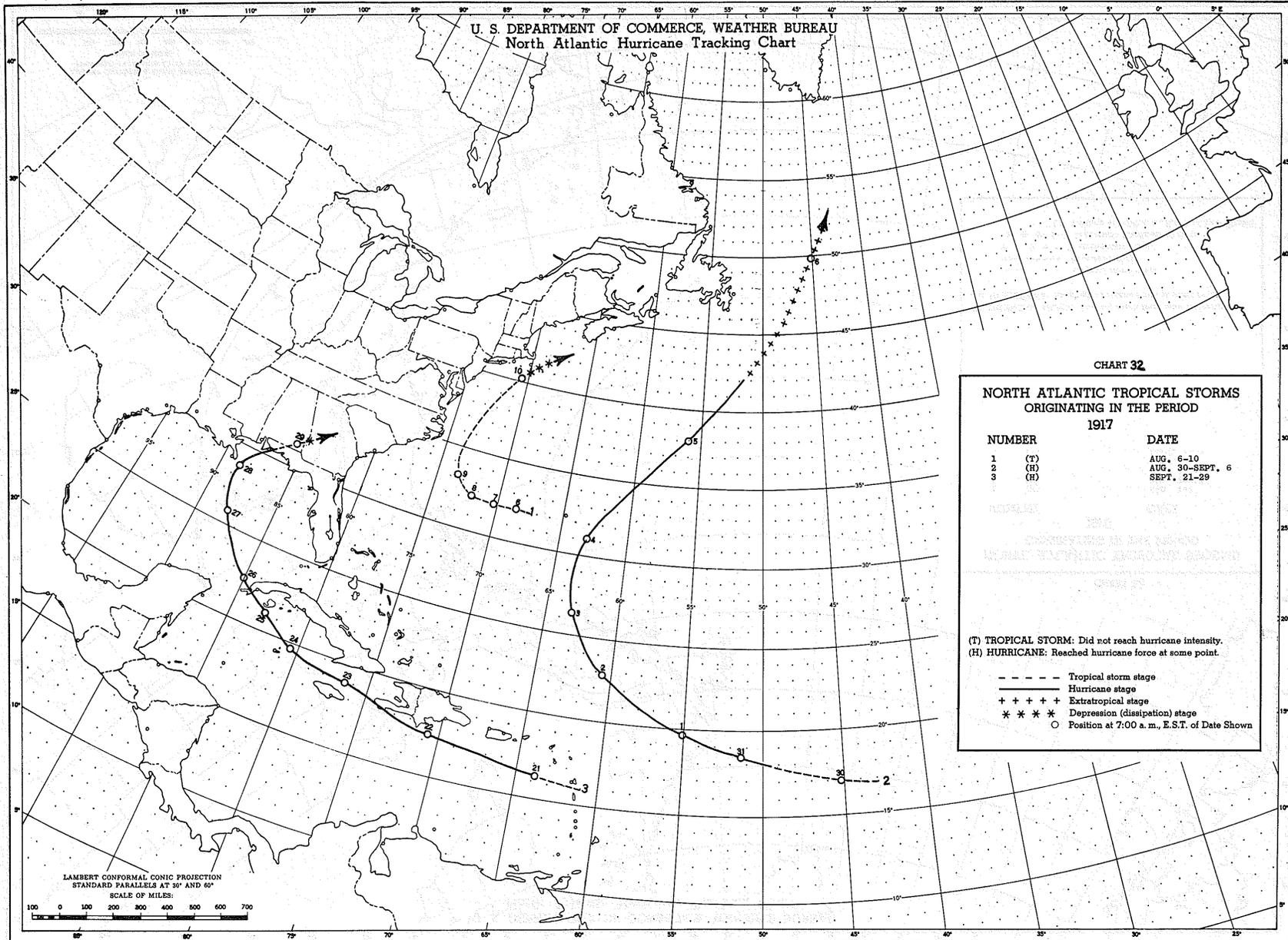


CHART 32

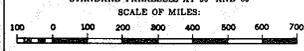
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1917

NUMBER		DATE
1	(T)	AUG. 6-10
2	(H)	AUG. 30-SEPT. 6
3	(H)	SEPT. 21-29

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- +++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

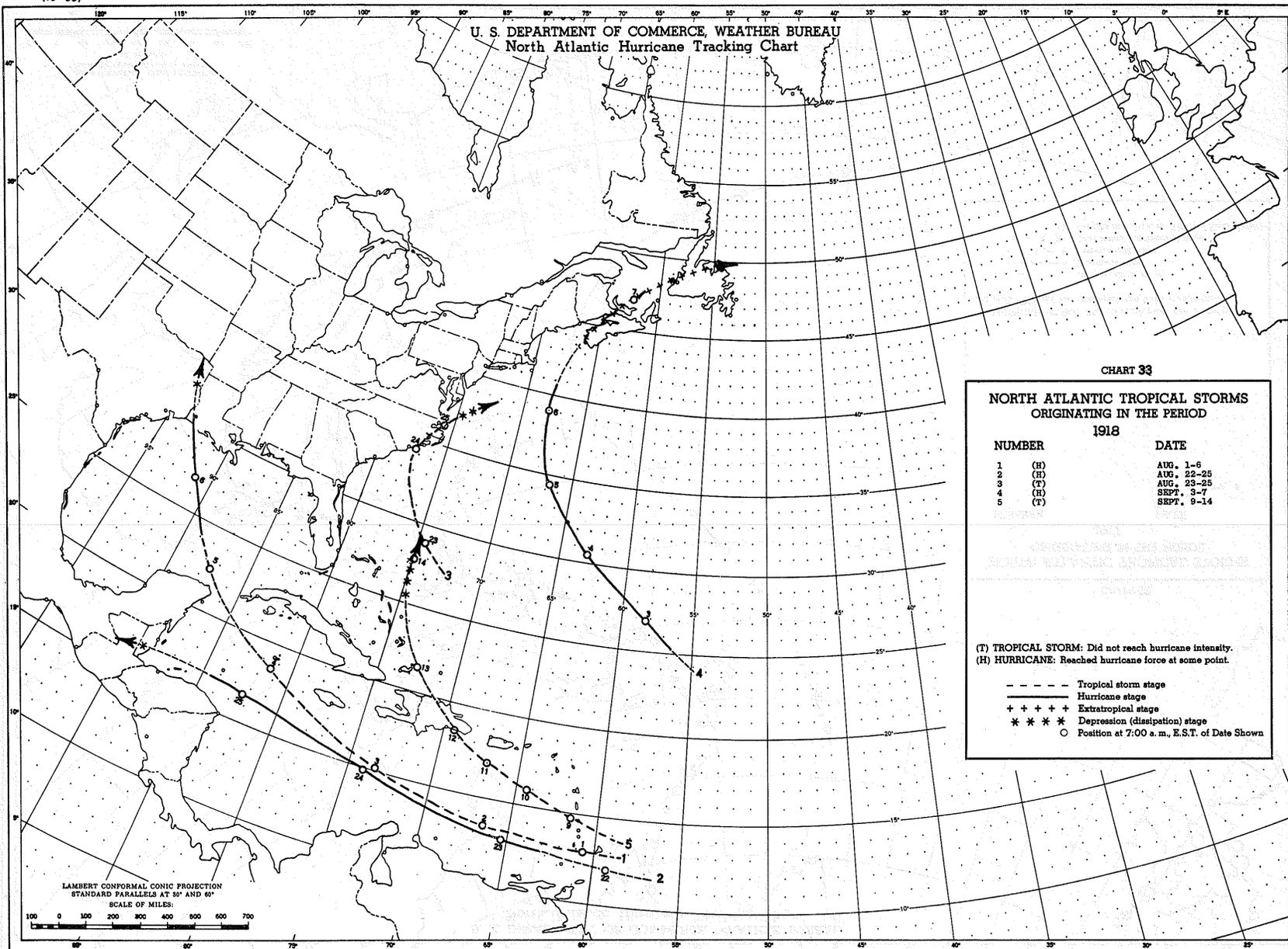


CHART 33

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1918

NUMBER		DATE
1	(H)	AUG. 1-6
2	(H)	AUG. 23-25
3	(T)	AUG. 23-25
4	(H)	SEPT. 3-7
5	(T)	SEPT. 9-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 34

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1919

NUMBER		DATE
1	(T)	JULY 2-5
2	(H)	SEP., 2-15
3	(T)	NOV. 11-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- **** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

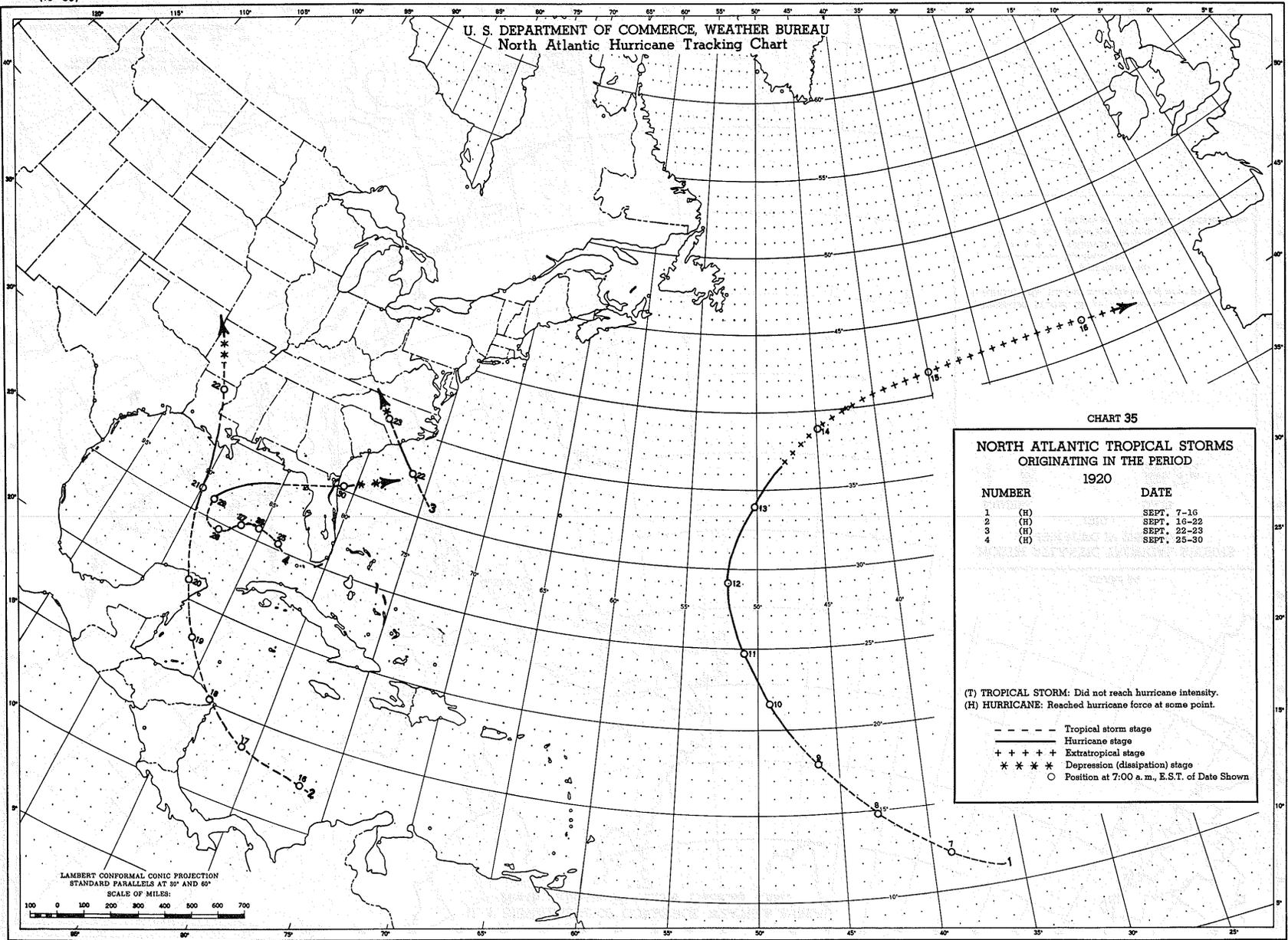


CHART 35

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1920

NUMBER		DATE
1	(H)	SEPT. 7-16
2	(H)	SEPT. 16-22
3	(H)	SEPT. 22-23
4	(H)	SEPT. 25-30

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

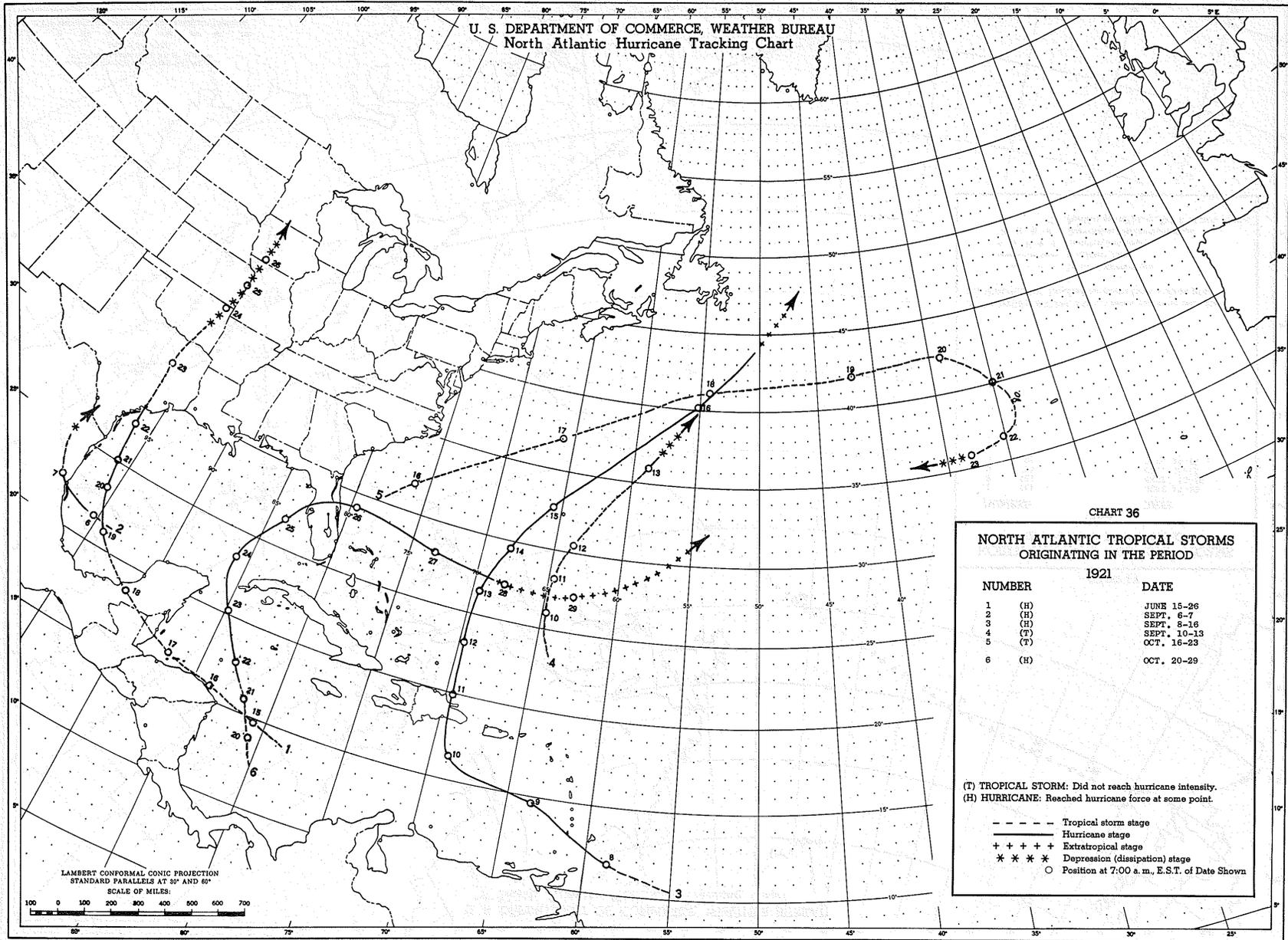


CHART 36

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

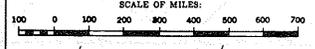
1921

NUMBER		DATE
1	(H)	JUNE 15-26
2	(H)	SEPT. 6-7
3	(H)	SEPT. 8-16
4	(T)	SEPT. 10-13
5	(T)	OCT. 16-23
6	(H)	OCT. 20-29

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

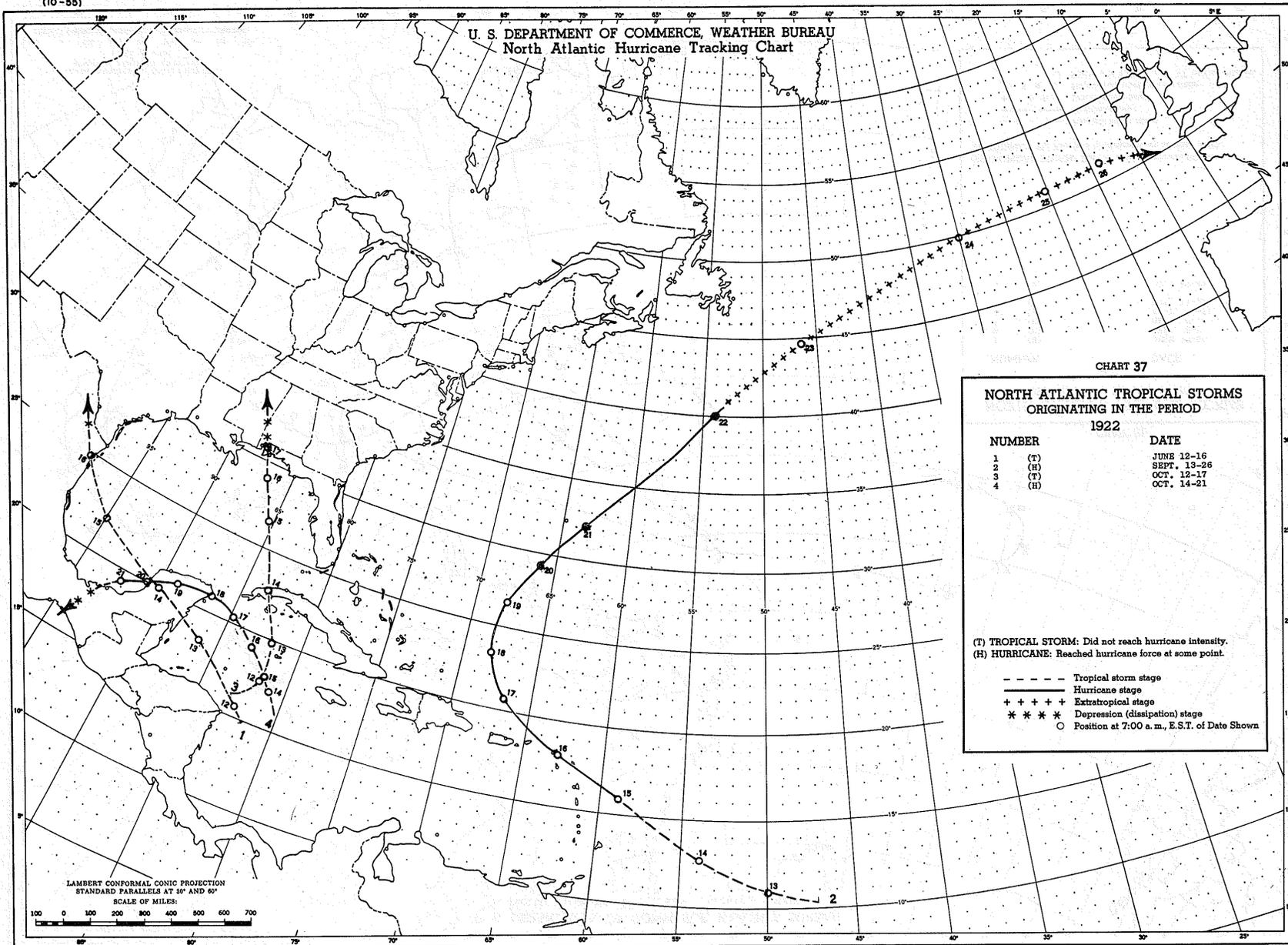


CHART 37

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1922

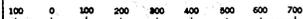
NUMBER		DATE
1	(T)	JUNE 12-16
2	(H)	SEPT. 13-26
3	(T)	OCT. 12-17
4	(H)	OCT. 14-21

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 38

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1923

NUMBER	DATE
1 (H)	AUG. 31-SEPT. 9
2 (H)	SEPT. 24-OCT. 4
3 (H)	OCT. 12-17
4 (T)	OCT. 14-23
5 (T)	OCT. 15-19
6 (T)	OCT. 16-19
7 (T)	OCT. 24-26

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- +++++ Extratropical stage
- ***** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

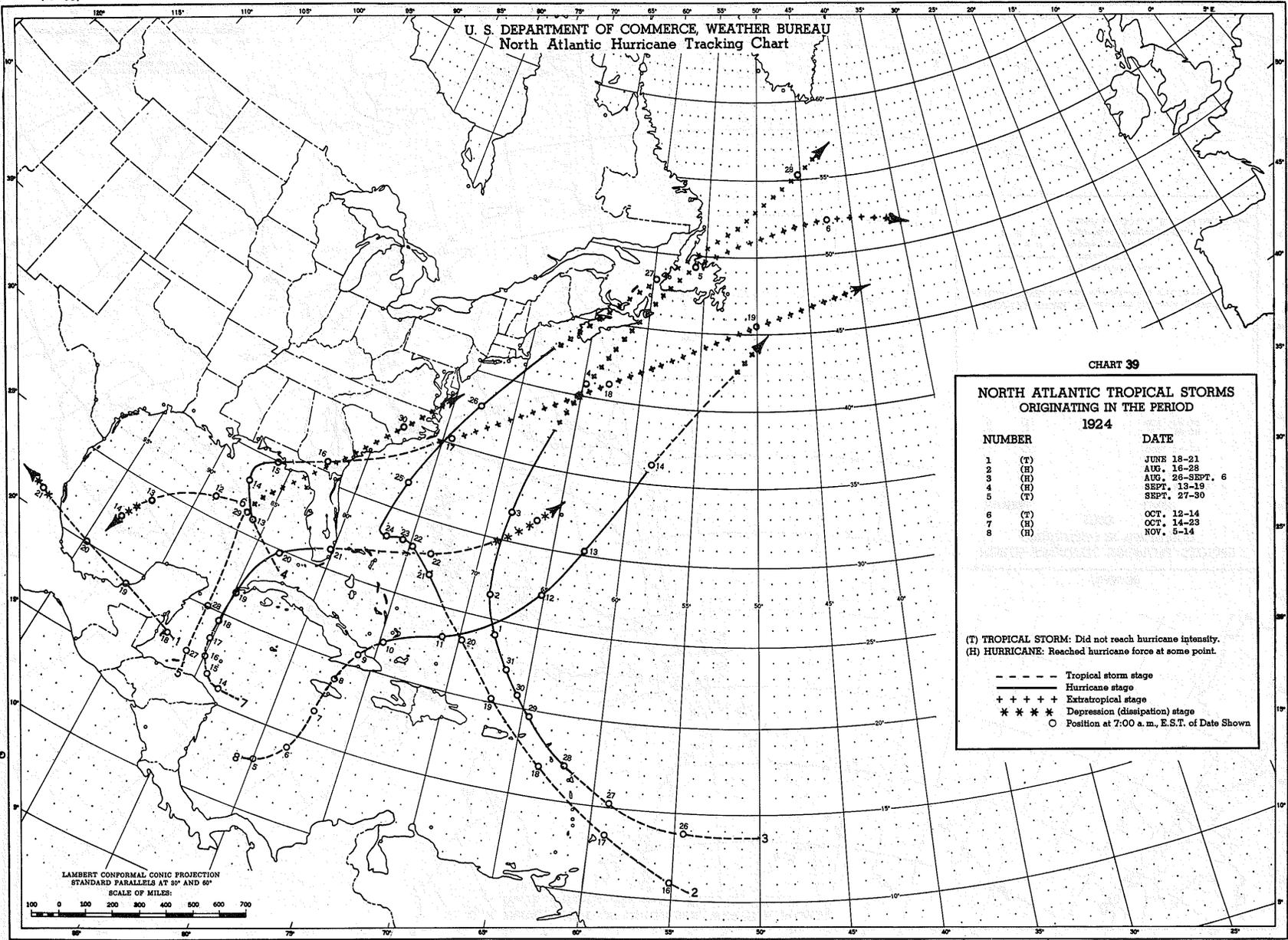


CHART 39

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1924

NUMBER		DATE
1	(T)	JUNE 18-21
2	(H)	AUG. 16-28
3	(H)	AUG. 26-SEPT. 6
4	(H)	SEPT. 13-18
5	(T)	SEPT. 27-30
6	(T)	OCT. 12-14
7	(H)	OCT. 14-23
8	(H)	NOV. 5-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 40

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1925

NUMBER	DATE
1 (T)	SEPT. 6-7
2 (H)	NOV. 29-DEC. 4

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- **** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

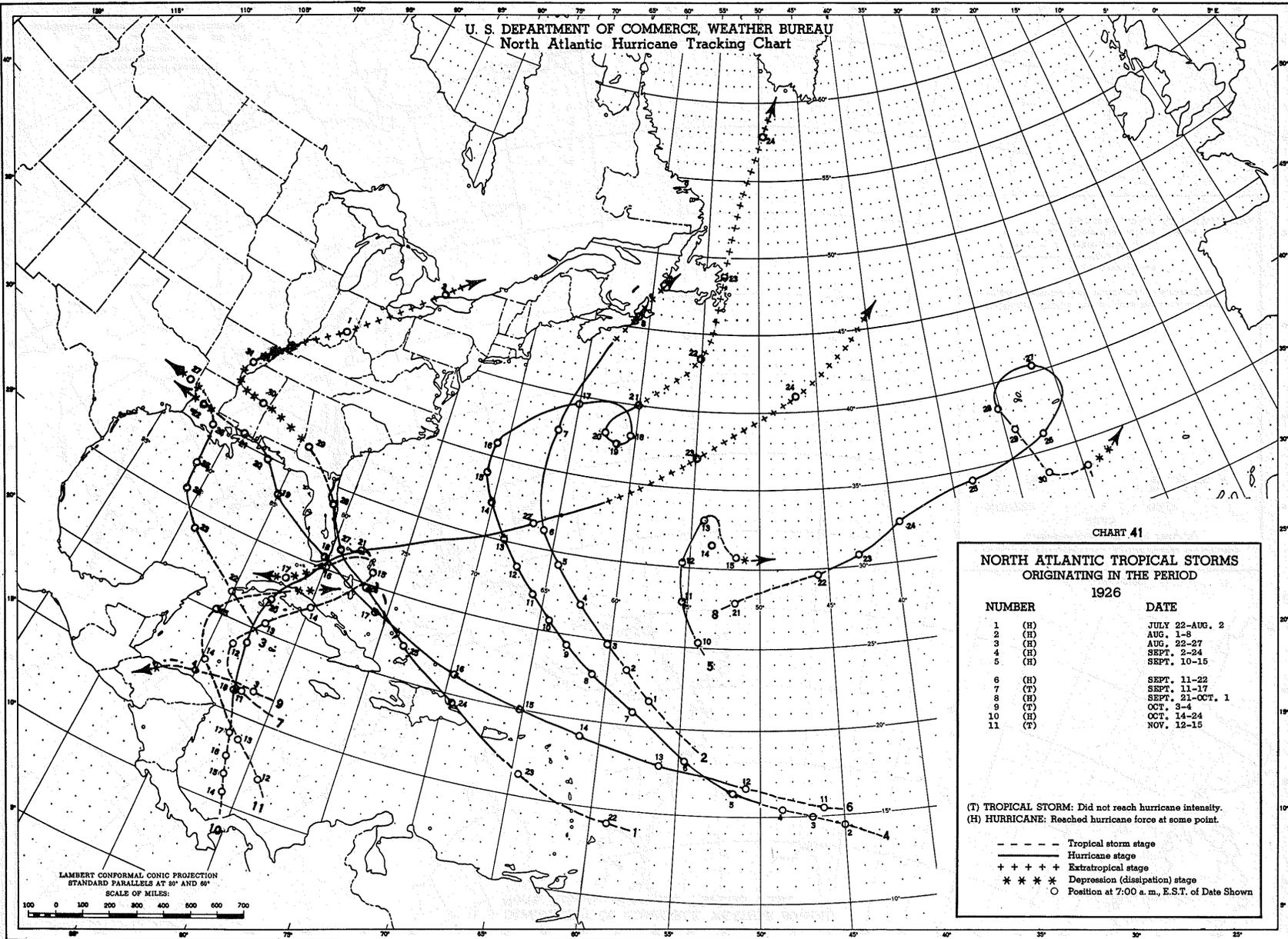


CHART 41

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1926

NUMBER	DATE
1 (H)	JULY 22-AUG. 2
2 (H)	AUG. 1-8
3 (H)	AUG. 22-27
4 (H)	SEPT. 2-24
5 (H)	SEPT. 10-15
6 (H)	SEPT. 11-22
7 (T)	SEPT. 11-17
8 (H)	SEPT. 21-OCT. 1
9 (T)	OCT. 3-4
10 (H)	OCT. 14-24
11 (T)	NOV. 12-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m. E.S.T. of Date Shown

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 42

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1927

NUMBER	DATE
1	(H) AUG. 19-26
2	(H) SEPT. 1-11
3	(H) SEPT. 22-29
4	(H) SEPT. 23-OCT. 1
5	(T) OCT. 1-3
6	(T) OCT. 17-19
7	(T) OCT. 31-NOV. 3

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 43

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

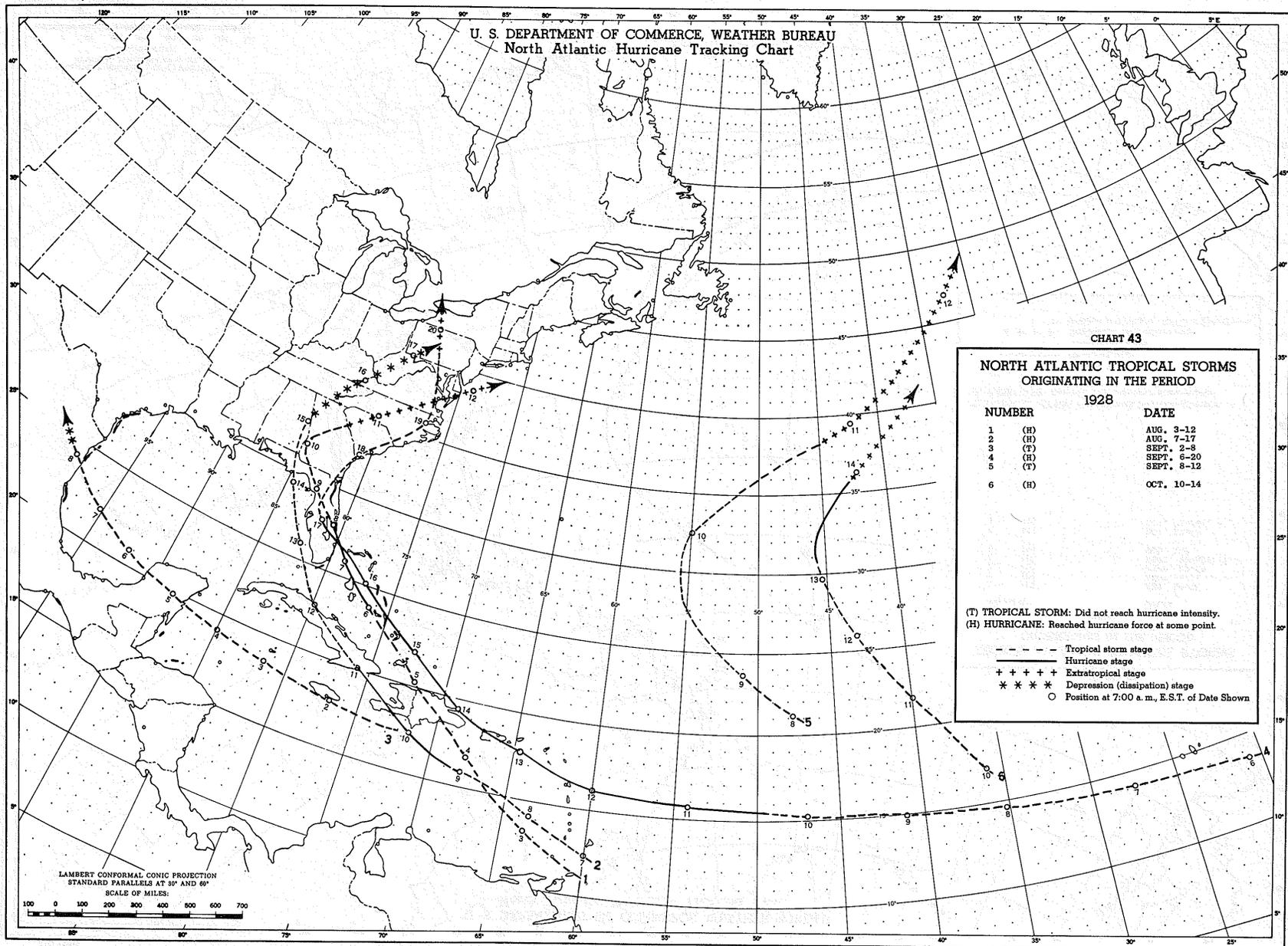
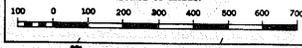
1928

NUMBER	DATE
1 (H)	AUG. 3-12
2 (H)	AUG. 7-17
3 (T)	SEPT. 2-8
4 (H)	SEPT. 8-20
5 (T)	SEPT. 8-12
6 (H)	OCT. 10-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 44

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1929

NUMBER		DATE
1	(H)	JUNE 27-28
2	(H)	SEPT. 22-OCT. 4
3	(H)	OCT. 15-22

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- +++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

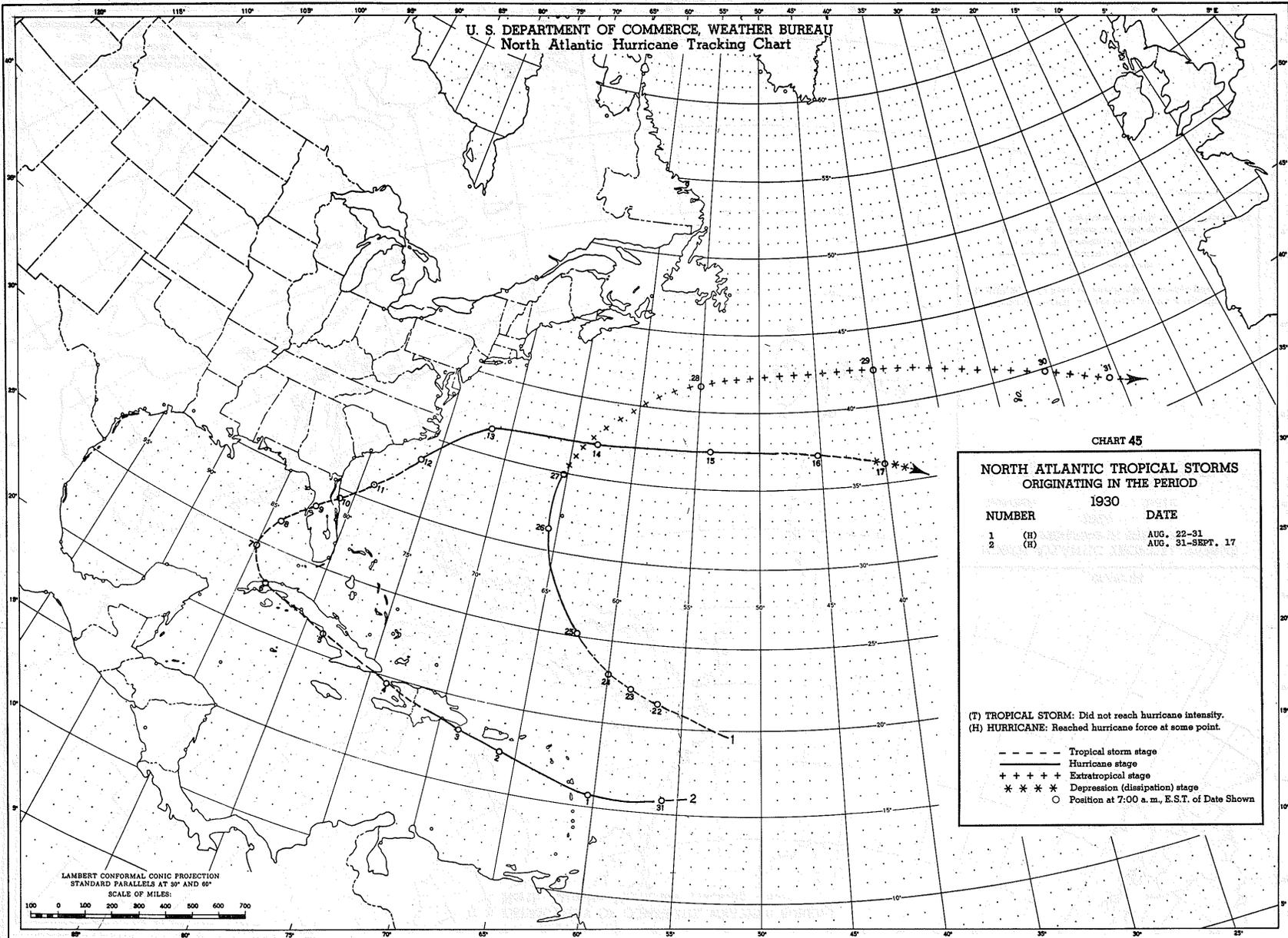


CHART 45

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1930

NUMBER		DATE
1	(H)	AUG. 22-31
2	(H)	AUG. 31-SEPT. 17

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- +++++ Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 46

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1931

NUMBER		DATE
1	(T)	JUNE 24-28
2	(T)	JULY 11-17
3	(T)	AUG. 10-18
4	(T)	AUG. 16-20
5	(H)	SEPT. 5-12
6	(H)	SEPT. 8-16
7	(T)	SEPT. 25-27
8	(T)	OCT. 18-22
9	(T)	NOV. 22-25

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- +++++ Extratropical stage
- *** Depressure (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

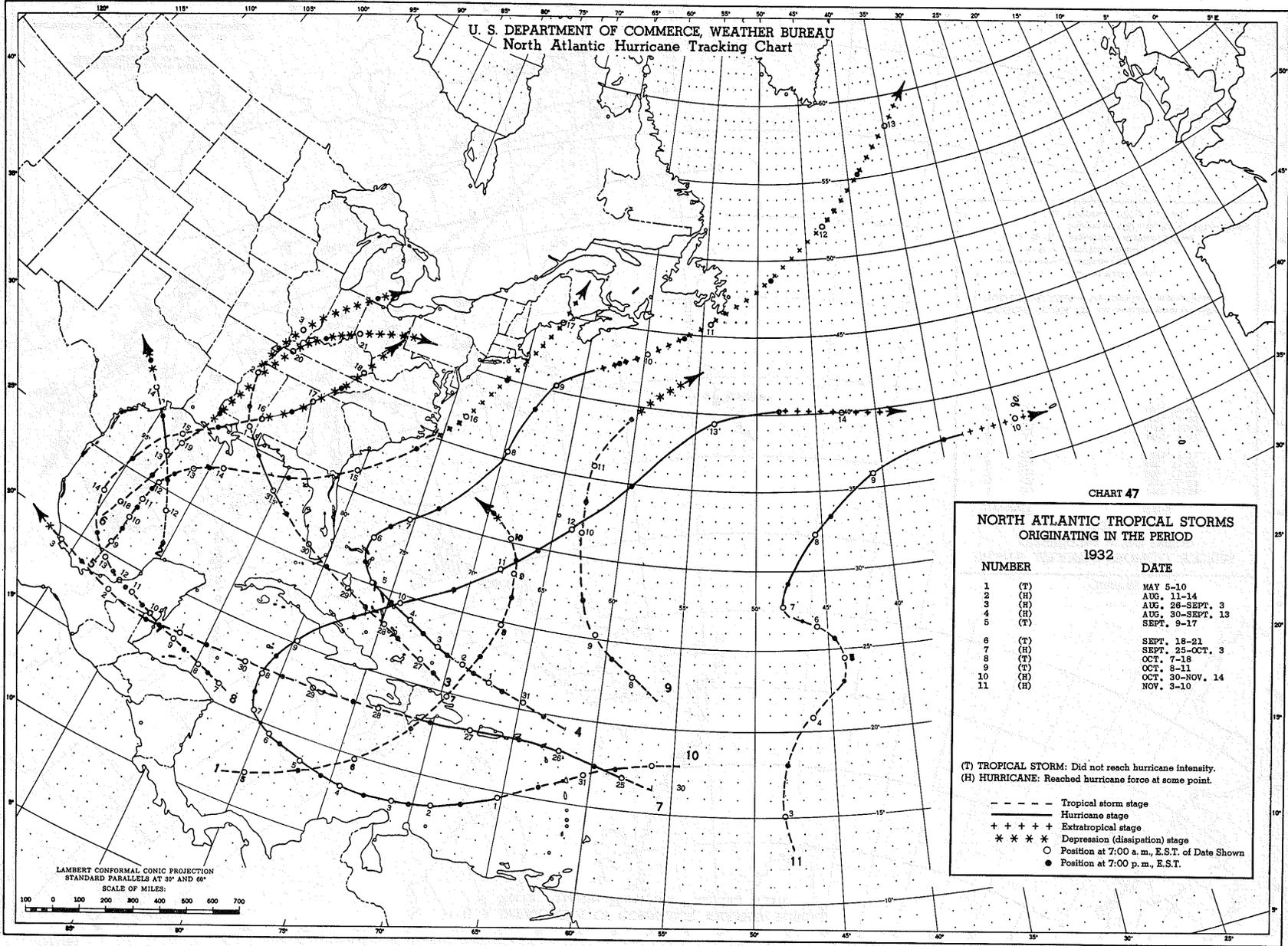


CHART 47

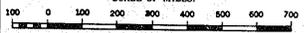
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1932**

NUMBER		DATE
1	(T)	MAY 5-10
2	(H)	AUG. 11-14
3	(H)	AUG. 26-SEPT. 3
4	(H)	AUG. 30-SEPT. 13
5	(T)	SEPT. 9-17
6	(T)	SEPT. 18-21
7	(H)	SEPT. 25-OCT. 3
8	(H)	OCT. 7-18
9	(T)	OCT. 8-11
10	(H)	OCT. 30-NOV. 14
11	(H)	NOV. 3-10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 48

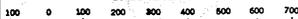
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1933

NUMBER	DATE
1 (T)	MAY 14-19
2 (H)	JUNE 27-JULY 6
3 (T)	JULY 13-19
4 (T)	JULY 21-27
5 (H)	JULY 25-AUG. 5
6 (T)	AUG. 12-20
7 (T)	AUG. 16-21
8 (H)	AUG. 17-25
9 (T)	AUG. 24-31
10 (T)	AUG. 26-29
11 (H)	AUG. 28-SEPT. 5
12 (H)	AUG. 31-SEPT. 7
13 (H)	SEPT. 8-21
14 (H)	SEPT. 10-15
15 (H)	SEPT. 16-24
16 (T)	SEPT. 27-30
17 (T)	SEPT. 28-30
18 (H)	OCT. 1-5
19 (T)	OCT. 25-NOV. 7
20 (T)	OCT. 26-30
21 (T)	NOV. 15-16

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
— Hurricane stage
+ + + + Extratropical stage
* * * * Depression (dissipation) stage
○ Position at 7:00 a. m., E.S.T. of Date Shown
● Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 49

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1934

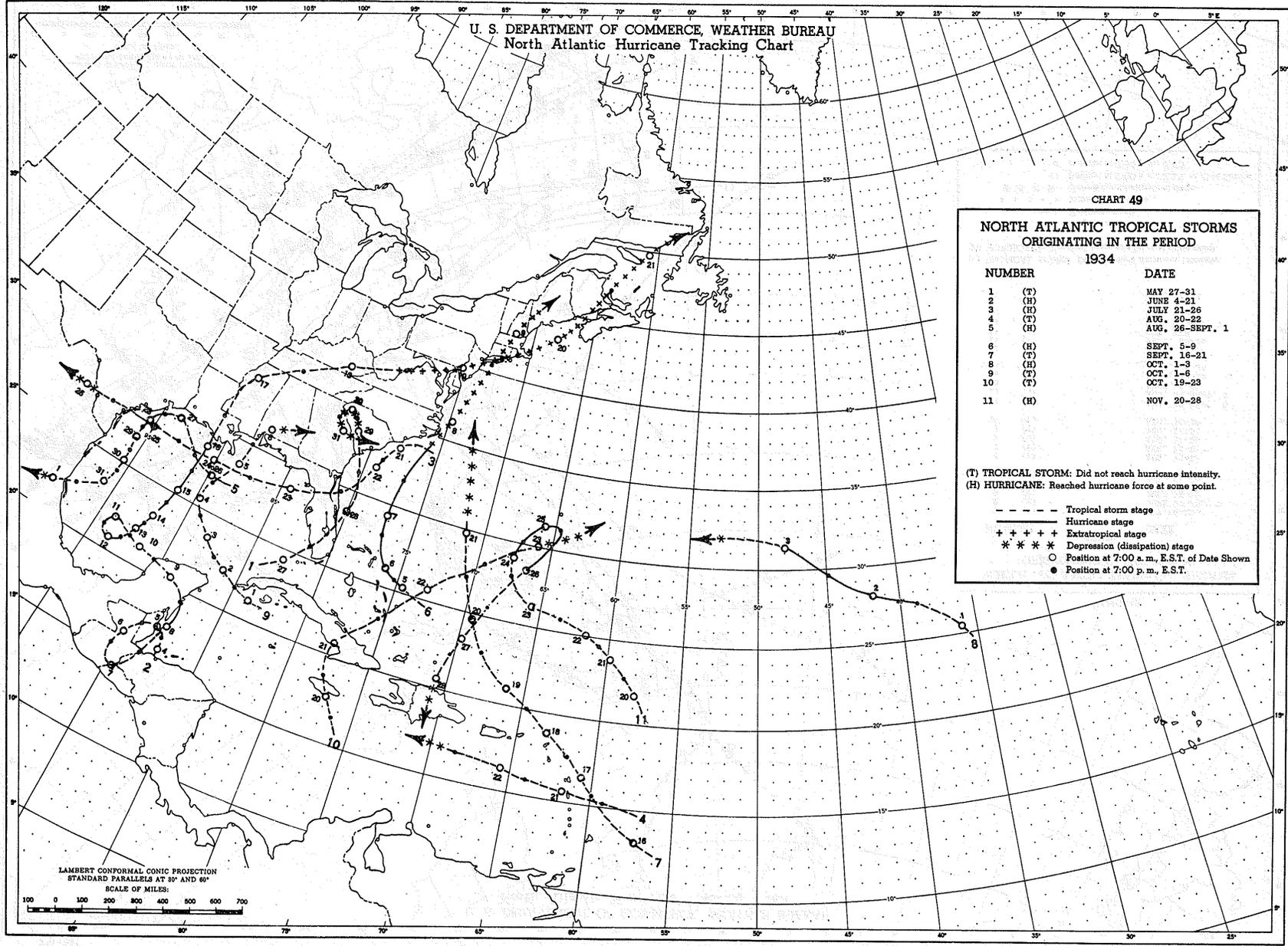
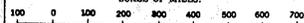
NUMBER	DATE
1 (T)	MAY 27-31
2 (H)	JUNE 4-21
3 (H)	JULY 21-26
4 (T)	AUG. 20-22
5 (H)	AUG. 26-SEPT. 1
6 (H)	SEPT. 5-9
7 (T)	SEPT. 16-21
8 (H)	OCT. 1-3
9 (T)	OCT. 1-6
10 (T)	OCT. 19-23
11 (H)	NOV. 20-28

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown
- Position at 7:00 p.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 50

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1935

NUMBER	DATE
1 (H)	AUG. 18-26
2 (H)	AUG. 28-SEPT. 10
3 (T)	AUG. 30-SEPT. 1
4 (H)	SEPT. 23-OCT. 2
5 (H)	OCT. 18-26
6 (H)	OCT. 30-NOV. 8

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

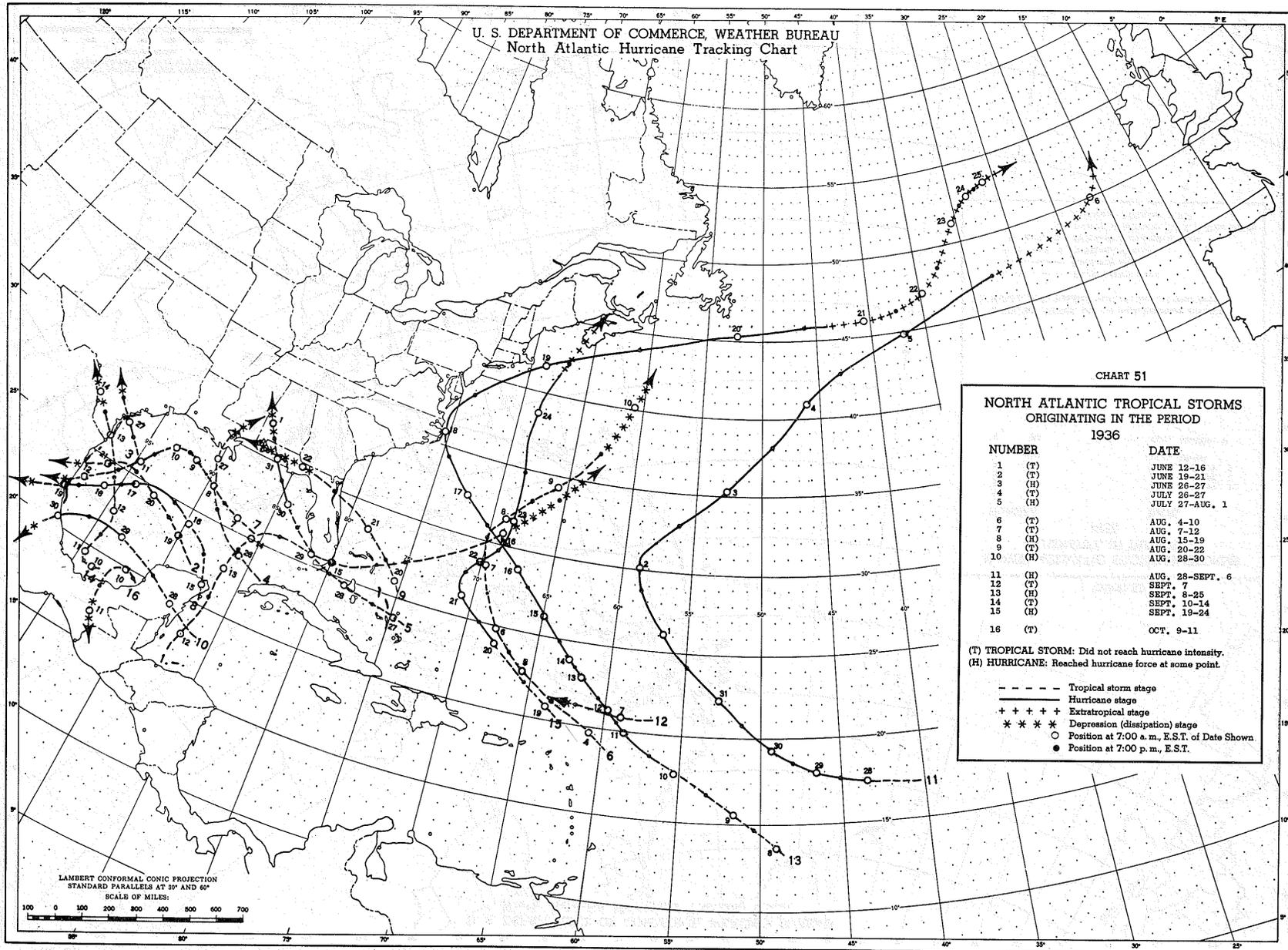


CHART 51

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1936

NUMBER	DATE
1	(T) JUNE 12-16
2	(T) JUNE 19-21
3	(H) JUNE 26-27
4	(T) JULY 26-27
5	(H) JULY 27-AUG. 1
6	(T) AUG. 4-10
7	(T) AUG. 7-12
8	(H) AUG. 15-19
9	(T) AUG. 20-22
10	(H) AUG. 28-30
11	(H) AUG. 28-SEPT. 6
12	(T) SEPT. 7
13	(H) SEPT. 8-25
14	(T) SEPT. 10-14
15	(H) SEPT. 19-24
16	(T) OCT. 9-11

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown
- Position at 7:00 p.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 52

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1937

NUMBER		DATE
1	(T)	JULY 29-AUG. 2
2	(T)	AUG. 2-8
3	(T)	AUG. 24-SEPT. 2
4	(H)	SEPT. 9-14
5	(H)	SEPT. 13-19
6	(T)	SEPT. 18-21
7	(H)	SEPT. 20-28
8	(T)	SEPT. 26-30
9	(T)	SEPT. 29-OCT. 3

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 53

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1938

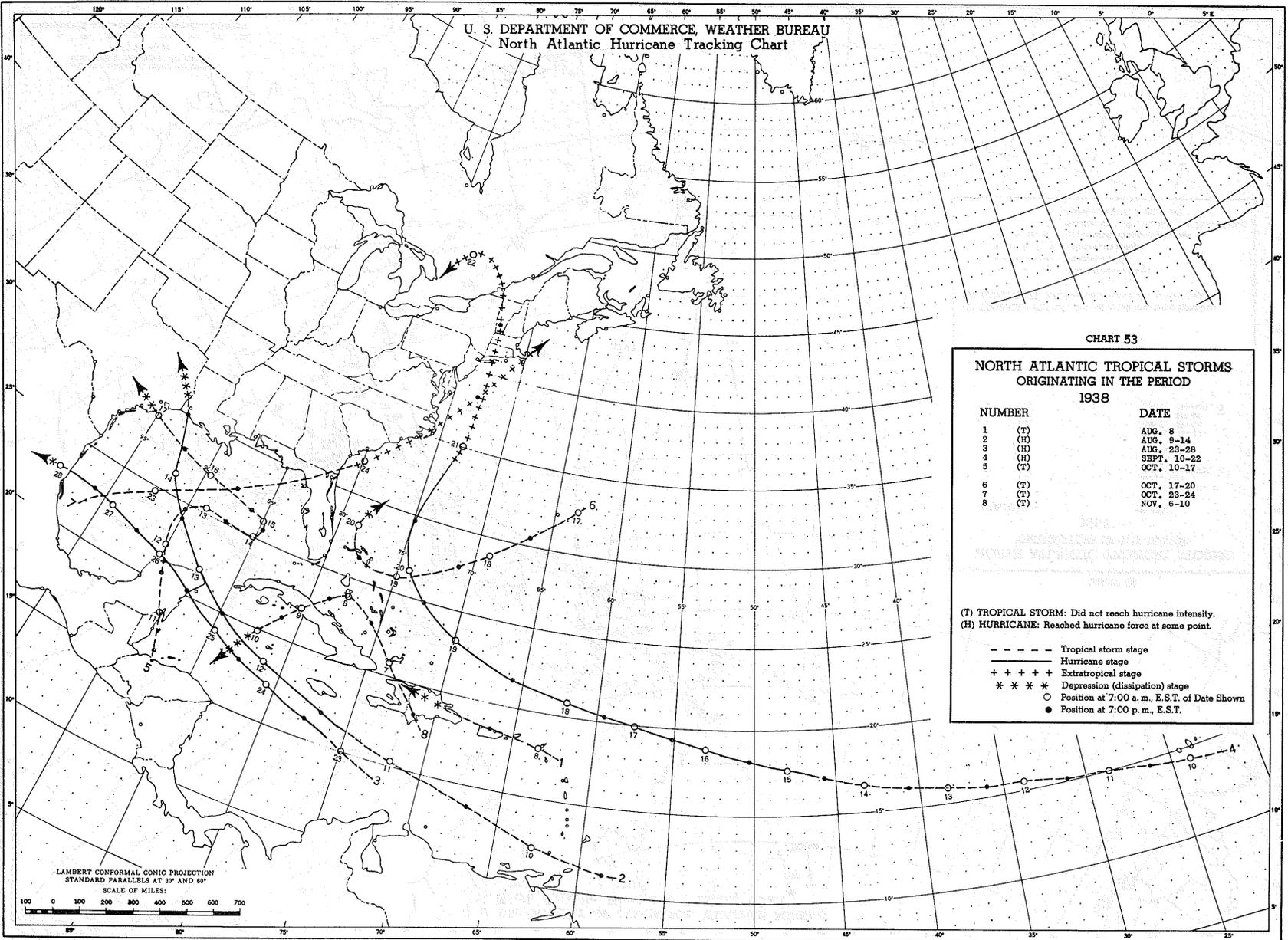
NUMBER		DATE
1	(T)	AUG. 8
2	(H)	AUG. 9-14
3	(H)	AUG. 23-28
4	(H)	SEPT. 10-22
5	(T)	OCT. 10-17
6	(T)	OCT. 17-20
7	(T)	OCT. 23-24
8	(T)	NOV. 6-10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown
- Position at 7:00 p.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 54

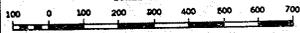
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1939

NUMBER		DATE
1	(T)	JUNE 12-16
2	(H)	AUG. 7-20
3	(T)	SEPT. 23-26
4	(H)	OCT. 12-18
5	(H)	OCT. 29-NOV. 6

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- +++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

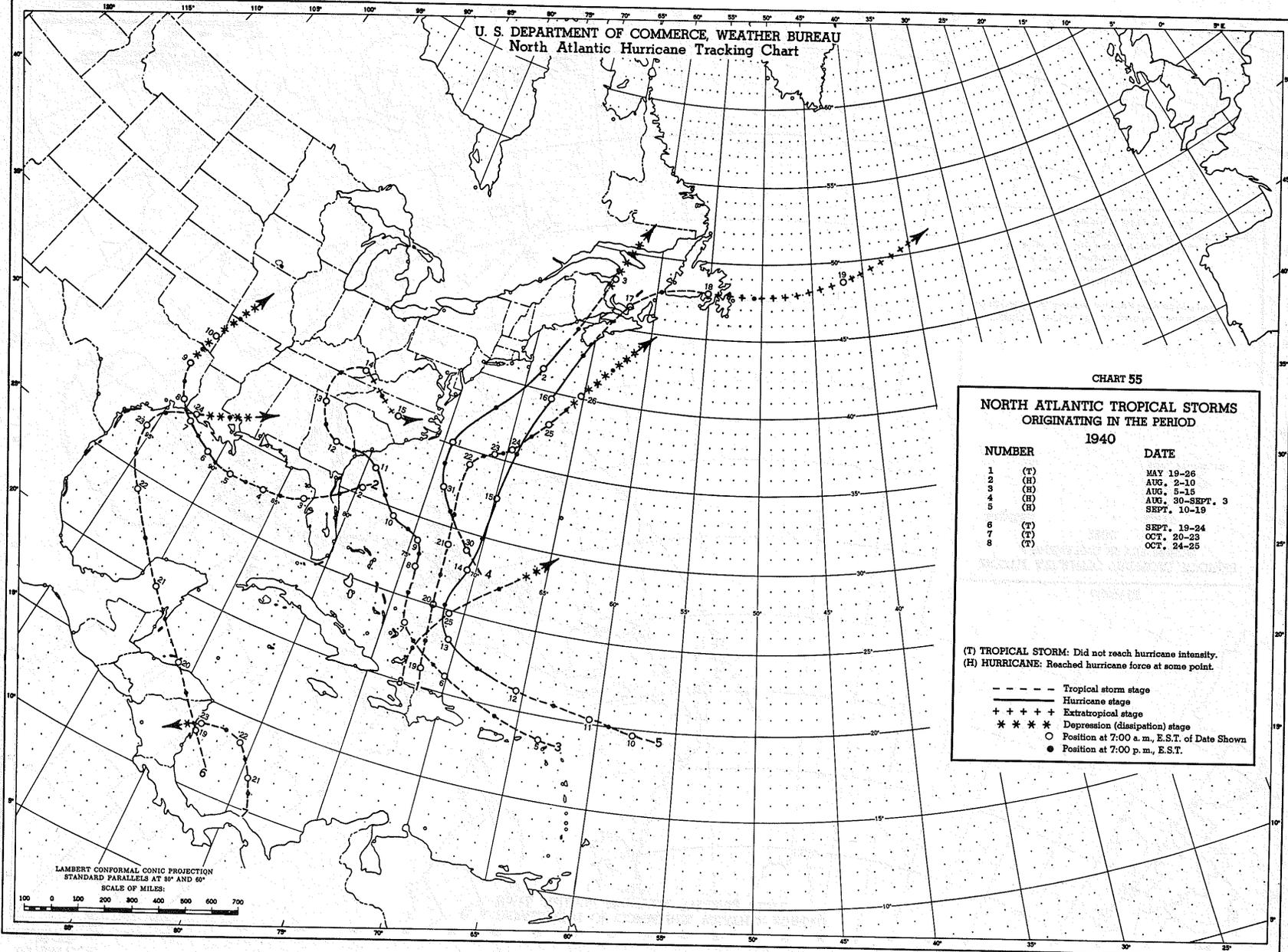


CHART 55

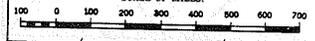
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1940

NUMBER	DATE
1 (T)	MAY 19-26
2 (H)	AUG. 2-10
3 (H)	AUG. 5-15
4 (H)	AUG. 30-SEPT. 3
5 (H)	SEPT. 10-19
6 (T)	SEPT. 19-24
7 (T)	OCT. 20-23
8 (T)	OCT. 24-25

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 56

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1941

NUMBER	DATE
1 (T)	SEPT. 11-16
2 (H)	SEPT. 16-25
3 (H)	SEPT. 18-25
4 (H)	SEPT. 23-30
5 (H)	OCT. 3-14
6 (T)	OCT. 15-21

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 35° AND 65°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

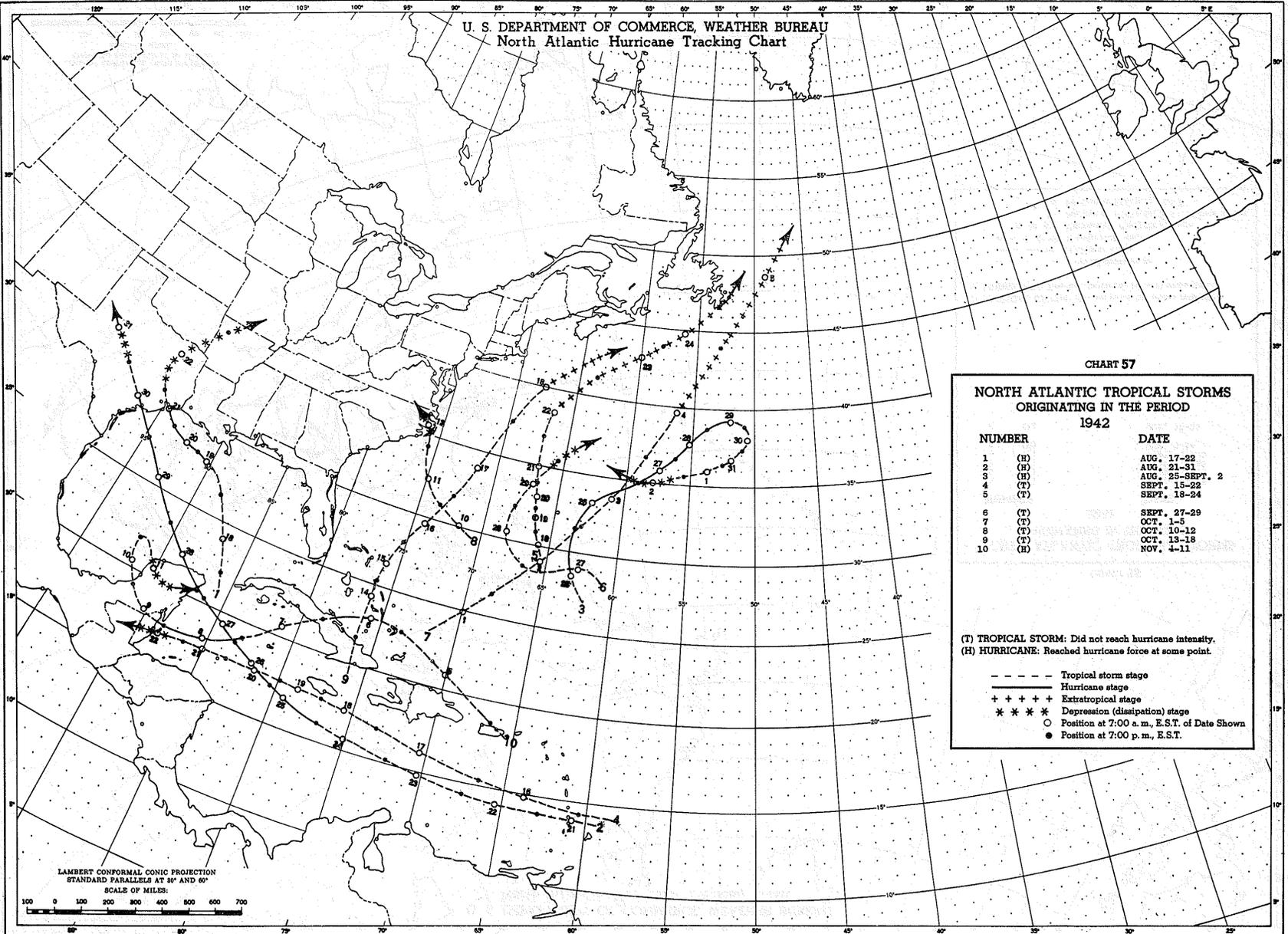


CHART 57

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1942

NUMBER		DATE
1	(H)	AUG. 17-22
2	(H)	AUG. 21-31
3	(H)	AUG. 25-SEPT. 2
4	(T)	SEPT. 15-22
5	(T)	SEPT. 18-24
6	(T)	SEPT. 27-29
7	(T)	OCT. 1-5
8	(T)	OCT. 10-12
9	(T)	OCT. 13-18
10	(H)	NOV. 4-11

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T. of Date Shown
- Position at 7:00 p.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 40° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 58

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1943

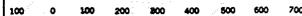
NUMBER		DATE
1	(H)	JULY 25-29
2	(T)	AUG. 13-19
3	(H)	AUG. 19-27
4	(H)	SEPT. 1-9
5	(T)	SEPT. 13-16
6	(H)	SEPT. 15-19
7	(T)	SEPT. 28-OCT. 1
8	(T)	OCT. 1-3
9	(H)	OCT. 11-17
10	(T)	OCT. 20-22

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

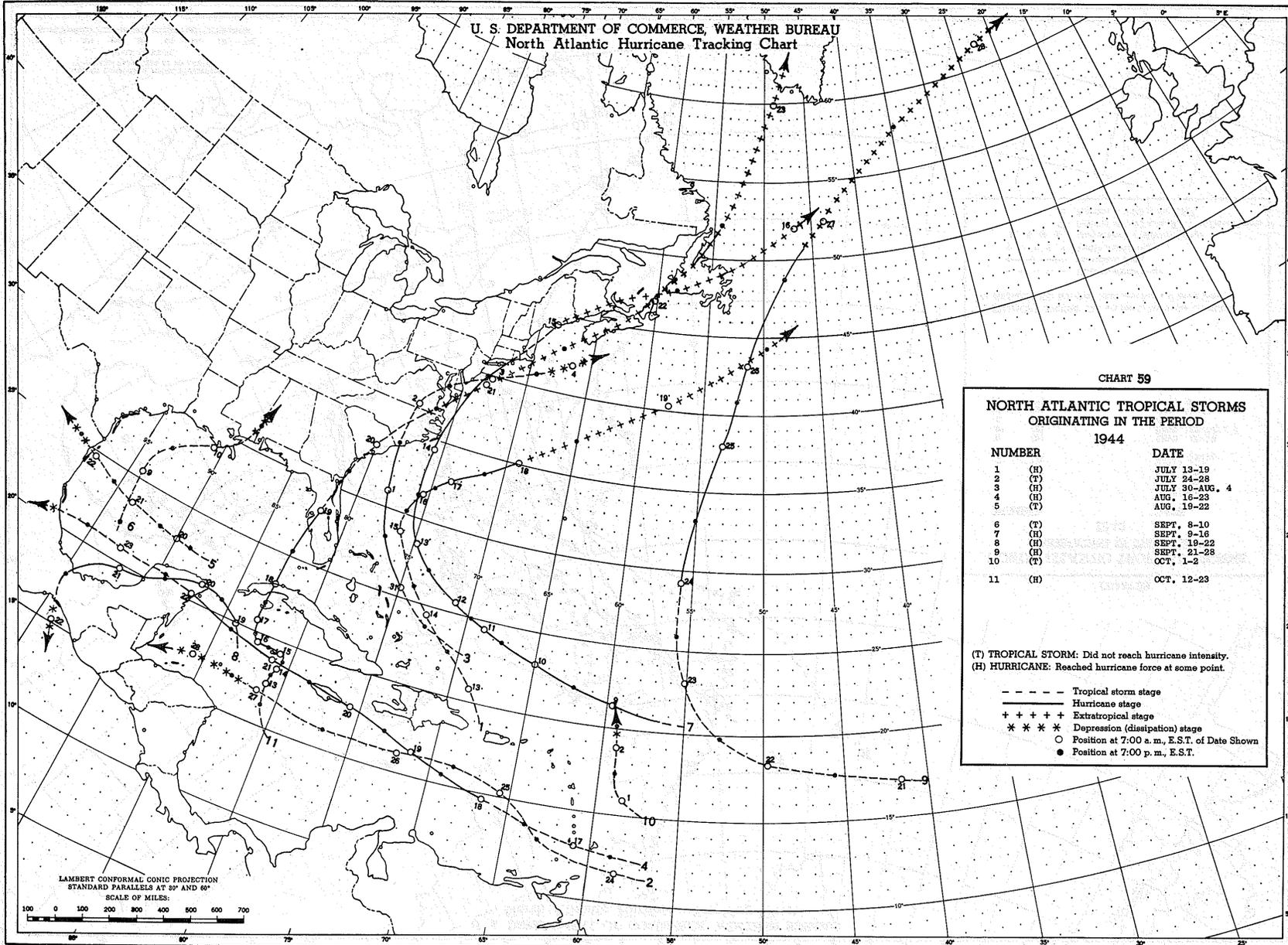


CHART 59

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1944

NUMBER		DATE
1	(H)	JULY 13-19
2	(T)	JULY 24-28
3	(H)	JULY 30-AUG. 4
4	(H)	AUG. 16-23
5	(T)	AUG. 19-22
6	(T)	SEPT. 8-10
7	(H)	SEPT. 9-16
8	(H)	SEPT. 19-22
9	(H)	SEPT. 21-28
10	(T)	OCT. 1-2
11	(H)	OCT. 12-23

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 60

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1945

NUMBER		DATE
1	(H)	JUNE 20-JULY 1
2	(T)	JULY 19-21
3	(T)	AUG. 1-4
4	(T)	AUG. 17-20
5	(H)	AUG. 24-29
6	(T)	AUG. 29-31
7	(T)	SEPT. 3-5
8	(T)	SEPT. 8-12
9	(H)	SEPT. 11-20
10	(H)	OCT. 2-5

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

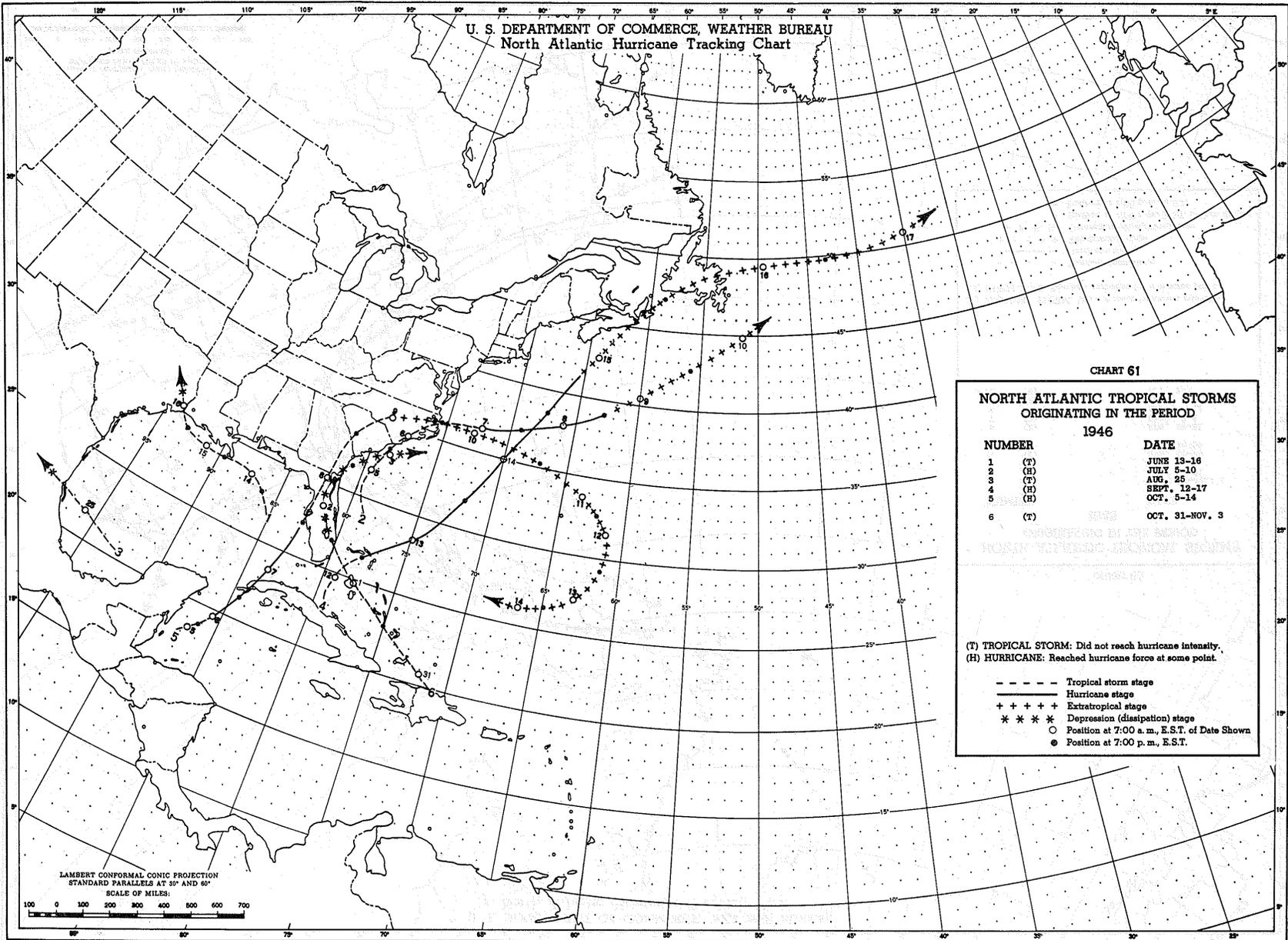


CHART 61

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1946

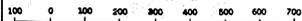
NUMBER		DATE
1	(T)	JUNE 13-16
2	(H)	JULY 8-10
3	(T)	AUG. 25
4	(H)	SEPT. 12-17
5	(H)	OCT. 5-14
6	(T)	OCT. 31-NOV. 3

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 62

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

NUMBER	1947	DATE
1	(T)	JULY 31-AUG. 2
2	(H)	AUG. 9-15
3	(H)	AUG. 18-27
4	(H)	SEPT. 4-21
5	(T)	SEPT. 7-8
6	(T)	SEPT. 20-25
7	(T)	OCT. 6-8
8	(H)	OCT. 9-16
9	(H)	OCT. 18-21

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 63

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

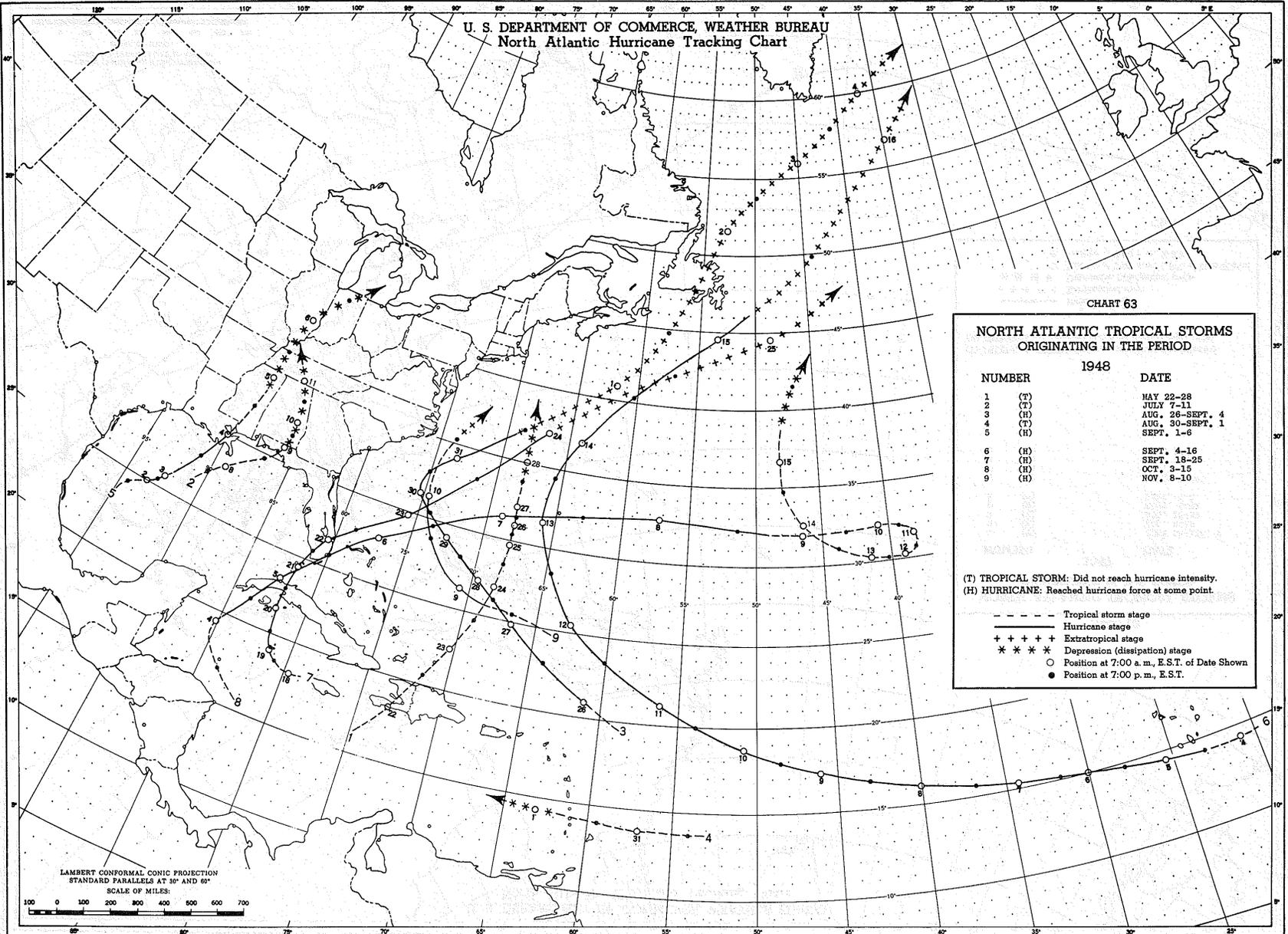
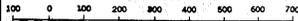
NUMBER		DATE
1	(T)	MAY 22-28
2	(T)	JULY 7-11
3	(H)	AUG. 26-SEPT. 4
4	(T)	AUG. 30-SEPT. 1
5	(H)	SEPT. 1-6
6	(H)	SEPT. 4-16
7	(H)	SEPT. 18-25
8	(H)	OCT. 3-15
9	(H)	NOV. 8-10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
 — Hurricane stage
 + + + + Extratropical stage
 * * * * Depression (distipation) stage
 ○ Position at 7:00 a. m., E.S.T. of Date Shown
 ● Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 64

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1949

NUMBER		DATE
1	(H)	AUG. 21-28
2	(H)	AUG. 23-31
3	(T)	AUG. 30-SEPT. 2
4	(H)	SEPT. 3-11
5	(T)	SEPT. 3-5
6	(T)	SEPT. 5-11
7	(T)	SEPT. 13-17
8	(H)	SEPT. 20-26
9	(H)	SEPT. 21-22
10	(H)	SEPT. 27-OCT. 6
11	(H)	OCT. 12-19
12	(T)	OCT. 13-16
13	(T)	NOV. 3-4

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T. of Date Shown
- Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:

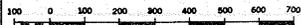


CHART 65

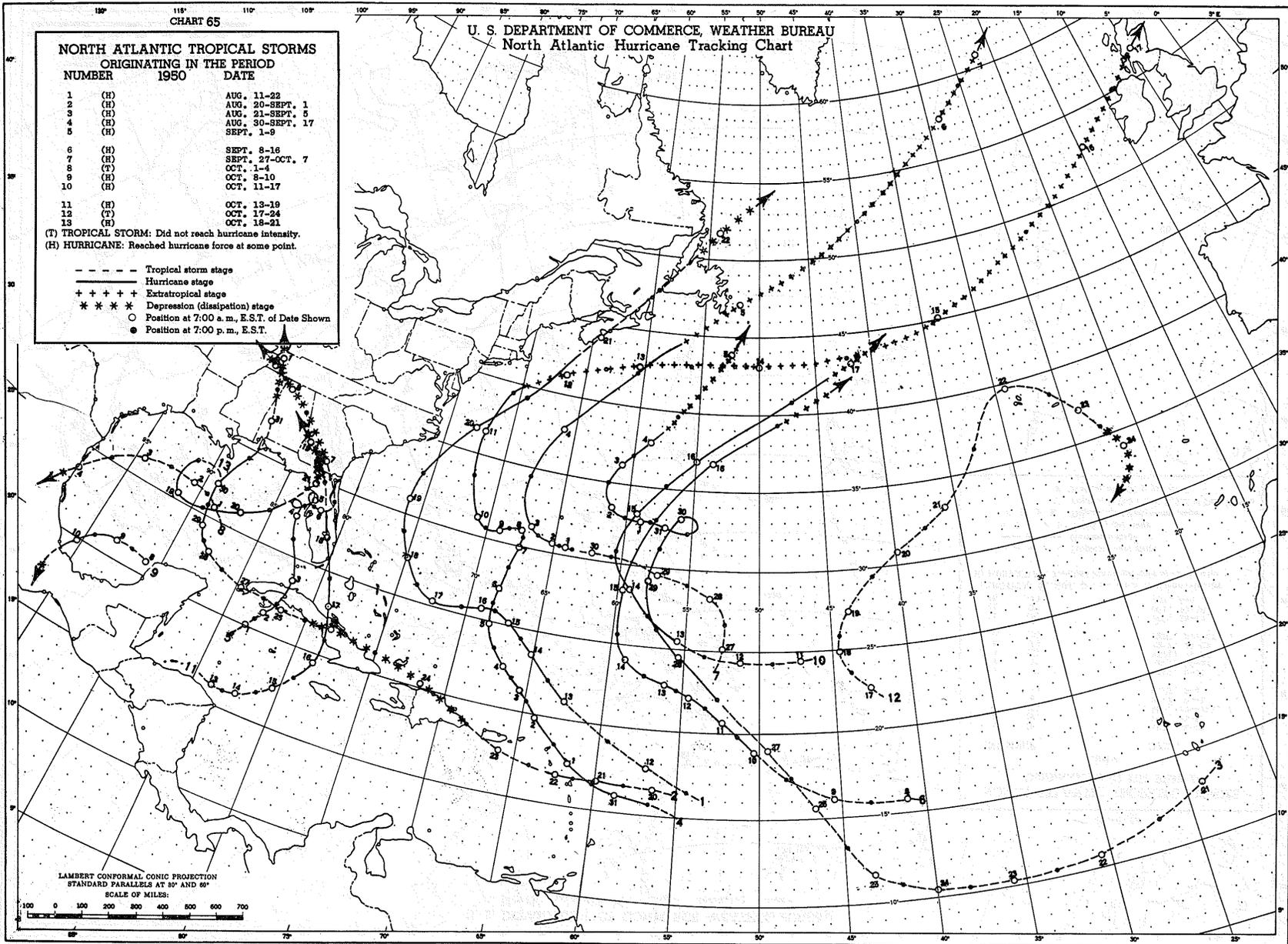
U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NUMBER 1950 DATE**

1	(H)	AUG. 11-22
2	(H)	AUG. 20-SEPT. 1
3	(H)	AUG. 21-SEPT. 5
4	(H)	AUG. 30-SEPT. 17
5	(H)	SEPT. 1-9
6	(H)	SEPT. 8-16
7	(H)	SEPT. 27-OCT. 7
8	(T)	OCT. 1-4
9	(H)	OCT. 9-10
10	(H)	OCT. 11-17
11	(H)	OCT. 13-19
12	(T)	OCT. 17-24
13	(H)	OCT. 18-21

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T. of Date Shown
- Position at 7:00 p. m., E. S. T.



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

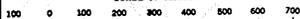
CHART 66

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1951

NUMBER		DATE
1	(H) ABLE	MAY 15-24
2	(T) BAKER	AUG. 2-5
3	(H) CHARLIE	AUG. 12-23
4	(H) DOG	AUG. 27-SEPT. 5
5	(H) EASY	SEPT. 2-13
6	(H) FOX	SEPT. 2-11
7	(T) GEORGE	SEPT. 20-21
8	(H) HOW	SEPT. 28-OCT. 8
9	(H) ITEM	OCT. 12-17
10	(H) JIG	OCT. 15-20

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
..... Tropical Depression (development) stage
- - - - Tropical storm stage
———— Hurricane stage
+ + + + Extratropical stage
* * * * Depression (dissipation) stage
○ Position at 7:00 a. m., E.S.T. of Date Shown
● Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 67

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1952

NUMBER		DATE
1	(T) UNNAMED	FEB. 2-4
2	(H) ABLE	AUG. 18-SEPT. 2
3	(H) BAKER	AUG. 31-SEPT. 9
4	(H) CHARLIE	SEPT. 22-OCT. 1
5	(H) DOG	SEPT. 25-28
6	(H) EASY	OCT. 6-11
7	(H) FOX	OCT. 20-28

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - - - - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T. of Date Shown
 - Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:

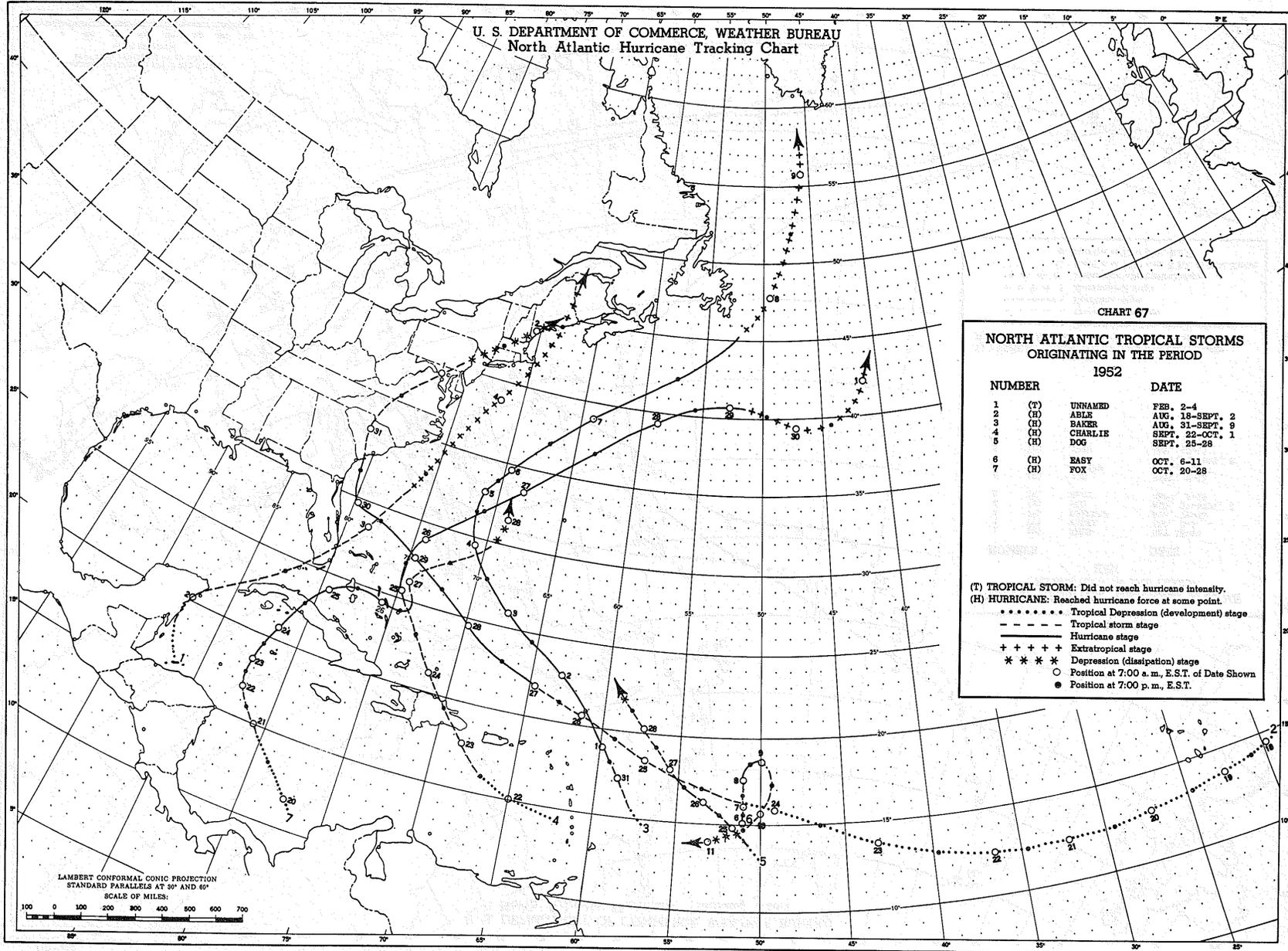
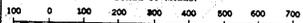


CHART 68

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

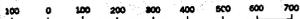
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

NUMBER	1953	DATE
1	(T) ALICE	MAY 25-JUNE 6
2	(H) BARBARA	AUG. 11-16
3	(T) UNNAMED	AUG. 28-SEPT. 2
4	(H) CAROL	AUG. 28-SEPT. 9
5	(H) DOLLY	SEPT. 8-17
6	(H) EDNA	SEPT. 14-20
7	(T) UNNAMED	SEPT. 14-20
8	(H) FLORENCE	SEPT. 23-28
9	(H) GAIL	OCT. 2-5
10	(T) UNNAMED	OCT. 3-10
11	(T) UNNAMED	OCT. 5-8
12	(T) HAZEL	OCT. 7-12
13	(T) UNNAMED	NOV. 23-26
14	(T) UNNAMED	DEC. 7-9

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical storm (development) stage
 - Hurricane stage
 - +++++ Extratropical stage
 - *** * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T. of Date Shown
 - Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

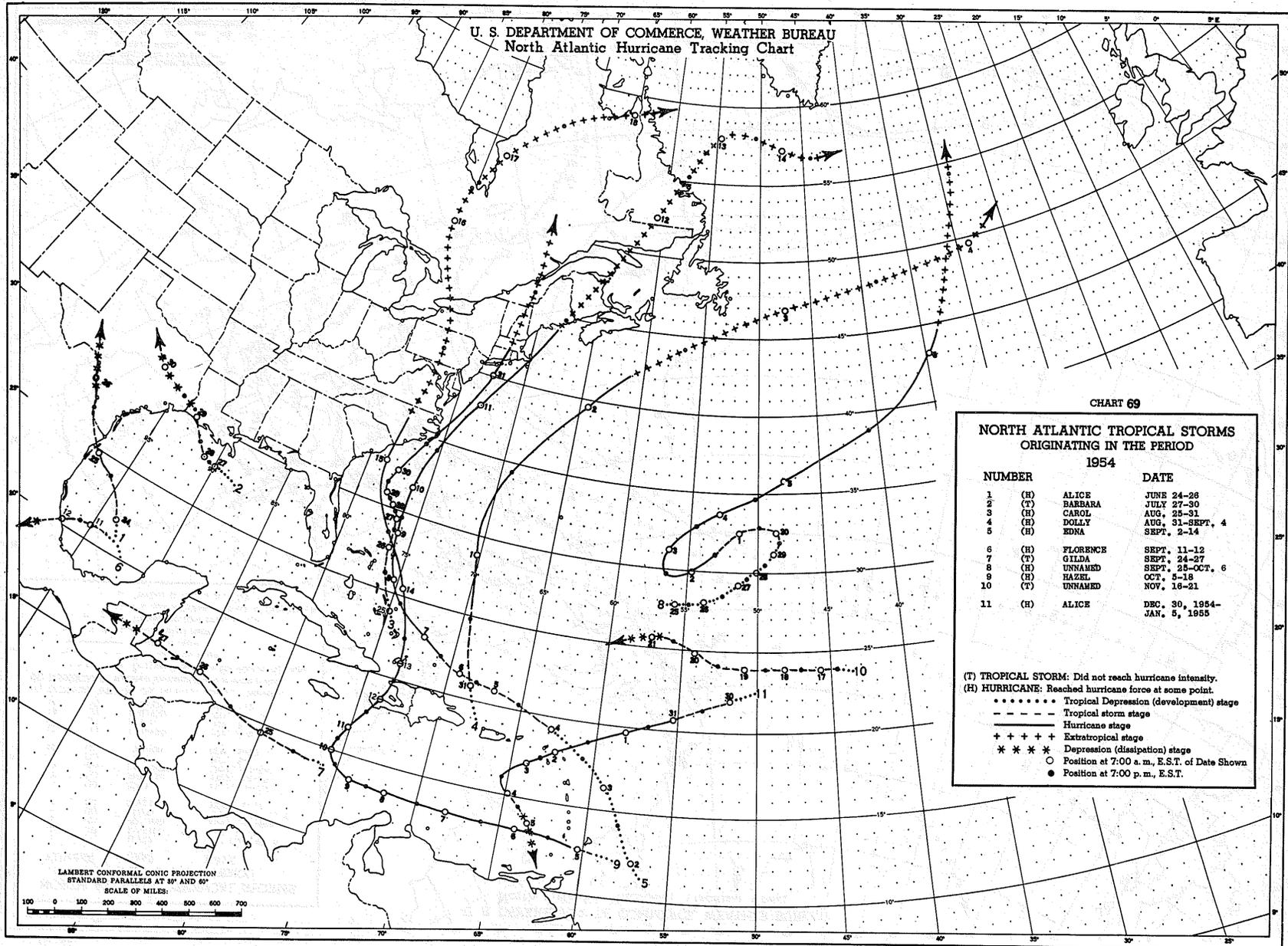


CHART 69

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1954

NUMBER		DATE
1	(H) ALICE	JUNE 24-26
2	(T) BARBARA	JULY 27-30
3	(H) CAROL	AUG. 25-31
4	(H) DOLLY	AUG. 31-SEPT. 4
5	(H) EDNA	SEPT. 2-14
6	(H) FLORENCE	SEPT. 11-12
7	(T) GILDA	SEPT. 24-27
8	(H) UNNAMED	SEPT. 25-OCT. 6
9	(H) HAZEL	OCT. 5-18
10	(T) UNNAMED	NOV. 16-21
11	(H) ALICE	DEC. 30, 1954- JAN. 5, 1955

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - + + + + + Extratropical stage
 - * * * * * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T. of Date Shown
 - Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 70

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1955

NUMBER		DATE
1	(T)	BRENDA JULY 31-AUG. 2
2	(H)	CORNIE AUG. 3-14
3	(H)	DIANE AUG. 7-21
4	(H)	EDITH AUG. 21-SEPT. 3
5	(T)	UNNAMED AUG. 23-29
6	(H)	FLORA SEPT. 2-9
7	(H)	GLADYS SEPT. 4-6
8	(H)	HILDA SEPT. 10-19
9	(H)	IONE SEPT. 10-23
10	(H)	JANET SEPT. 21-29
11	(T)	UNNAMED OCT. 10-14
12	(H)	KATIE OCT. 14-19

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
..... Tropical Depression (development) stage
- - - - Tropical storm stage
———— Hurricane stage
+ + + + Extratropical stage
* * * * Depression (dissipation) stage
○ Position at 7:00 a.m., E.S.T. of Date Shown
● Position at 7:00 p.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 400 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

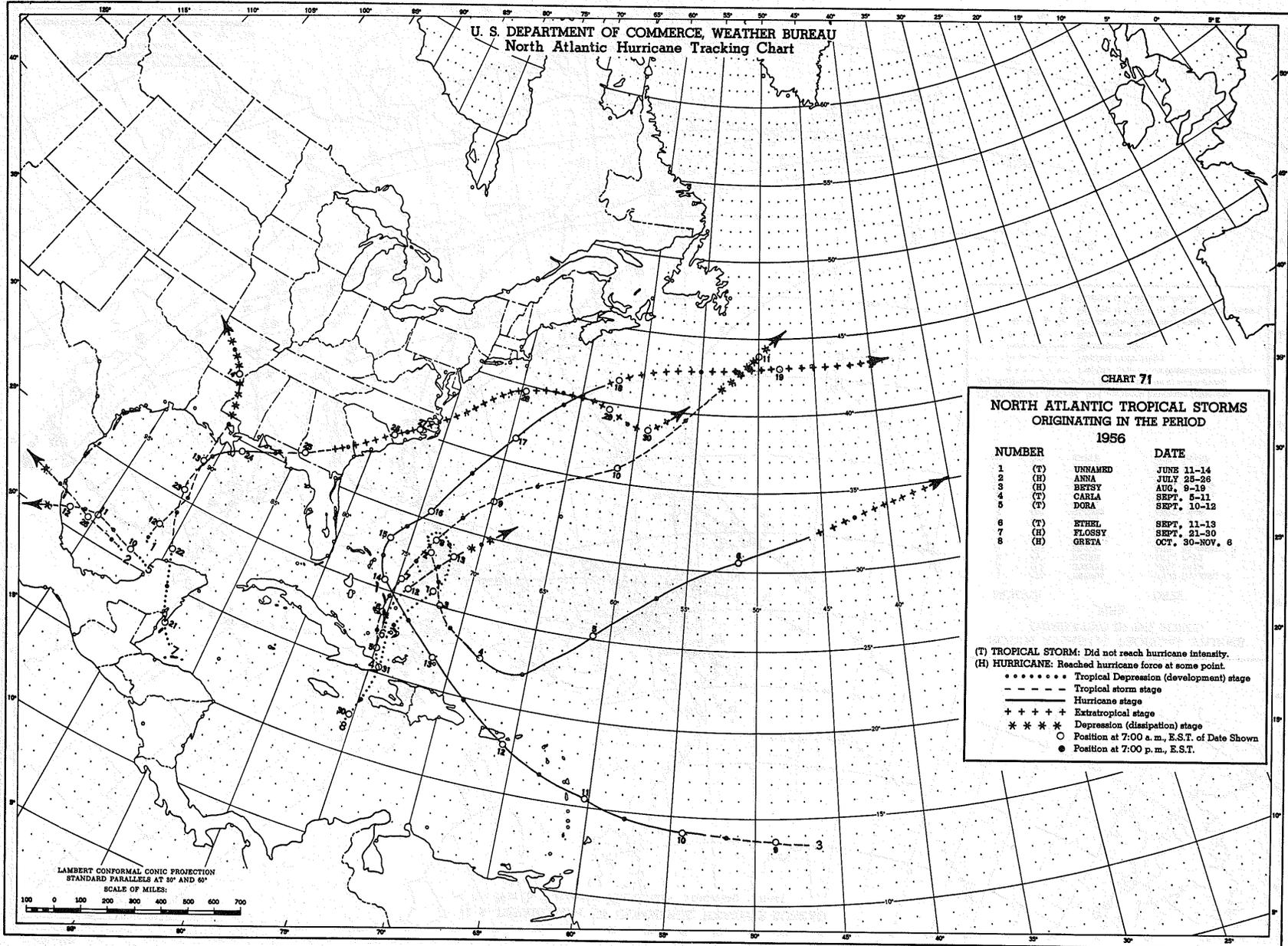


CHART 71

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1956

NUMBER	(T) (H)	NAME	DATE
1	(T)	UNNAMED	JUNE 11-14
2	(H)	ANNA	JULY 25-26
3	(H)	BETSY	AUG. 9-19
4	(T)	CARLA	SEPT. 5-11
5	(T)	DORA	SEPT. 10-12
6	(T)	ETHEL	SEPT. 11-13
7	(H)	FLOSSY	SEPT. 21-30
8	(H)	GRETA	OCT. 30-NOV. 6

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
..... Tropical Depression (development) stage
- - - - Tropical storm stage
- - - - Hurricane stage
+ + + + Extratropical stage
* * * * Depression (dissipation) stage
○ Position at 7:00 a. m., E.S.T. of Date Shown
● Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 72

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

1957

NUMBER		NAME	DATE
1	(T)	UNNAMED	JUNE 8-14
2	(H)	AUDREY	JUNE 25-28
3	(T)	BERTHA	AUG. 8-11
4	(H)	CARRIE	SEPT. 2-24
5	(T)	DEBBIE	SEPT. 7-8
6	(T)	ESTHER	SEPT. 16-19
7	(H)	FRIEDA	SEPT. 20-27
8	(T)	UNNAMED	OCT. 22-27

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
..... Tropical Depression (development) stage
- - - - - Tropical storm stage
————— Hurricane stage
+ + + + + Extratropical stage
* * * * * Depression (dissipation) stage
○ Position at 7:00 a. m., E.S.T. of Date Shown
● Position at 7:00 p. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 73

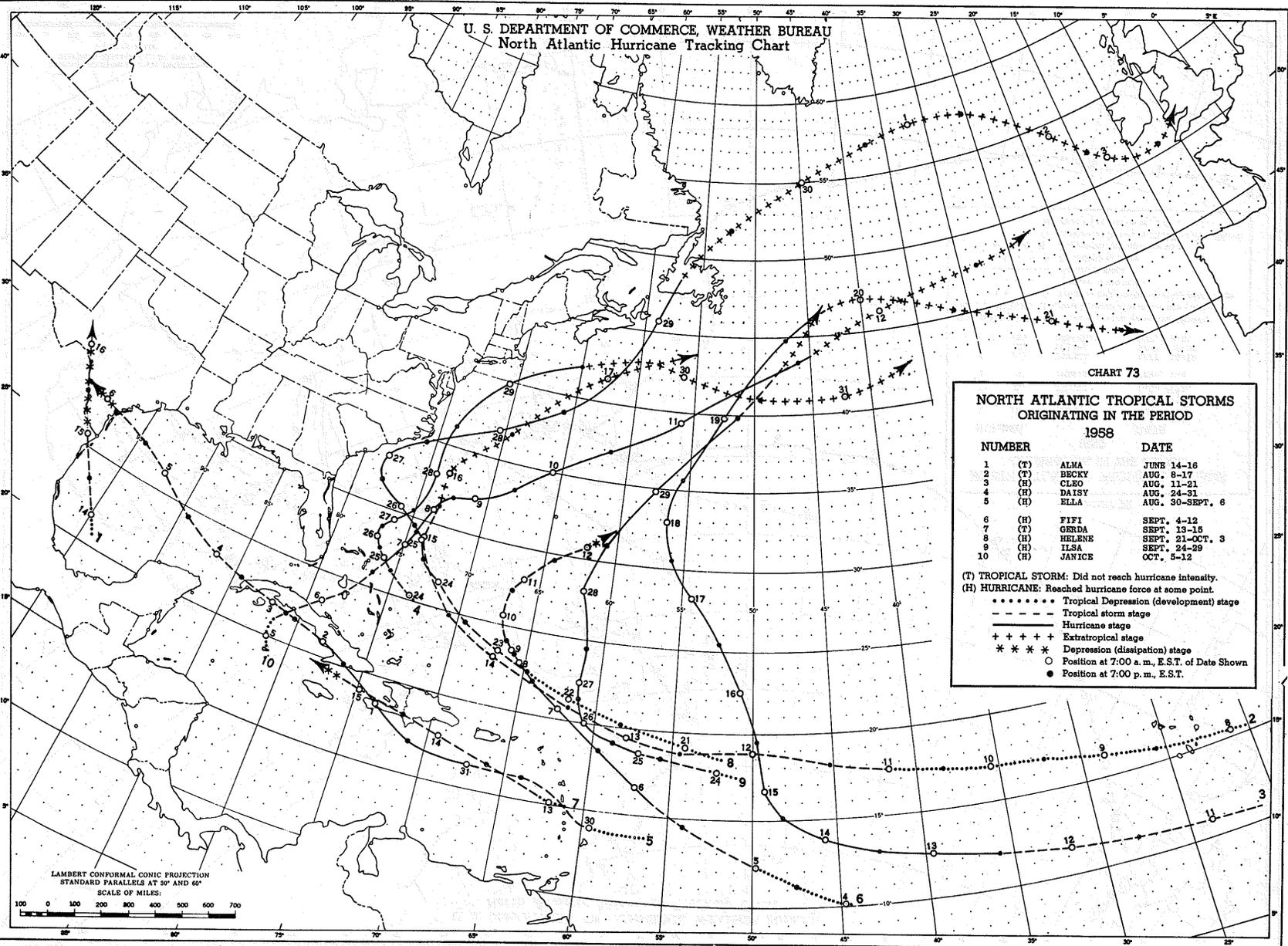
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
1958

NUMBER		DATE
1	(T) ALMA	JUNE 14-16
2	(T) BECKY	AUG. 8-17
3	(H) CLEO	AUG. 11-21
4	(H) DAISY	AUG. 24-31
5	(H) ELLA	AUG. 30-SEPT. 6
6	(H) FIFI	SEPT. 4-12
7	(T) GERDA	SEPT. 13-16
8	(H) HELENE	SEPT. 21-OCT. 3
9	(H) ILSA	SEPT. 24-29
10	(H) JANICE	OCT. 5-12

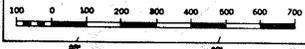
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

..... Tropical Depression (development) stage
- - - - - Tropical storm stage
————— Hurricane stage
+++++ Extratropical stage
* * * * * Depression (dissipation) stage

○ Position at 7:00 a. m., E.S.T. of Date Shown
● Position at 7:00 p. m., E.S.T.



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



SERIES B - CHART NUMBERS
10-DAY PERIOD TRACK CHARTS, NORTH ATLANTIC TROPICAL CYCLONES
1886-1958

	1-10	11-20	21-30 or 31
June	74	75	76
July	77	78	79
August	80	81	82
September	83	84	85
October	86	87	88
November	89	90	91
December 1-May 31	92		

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

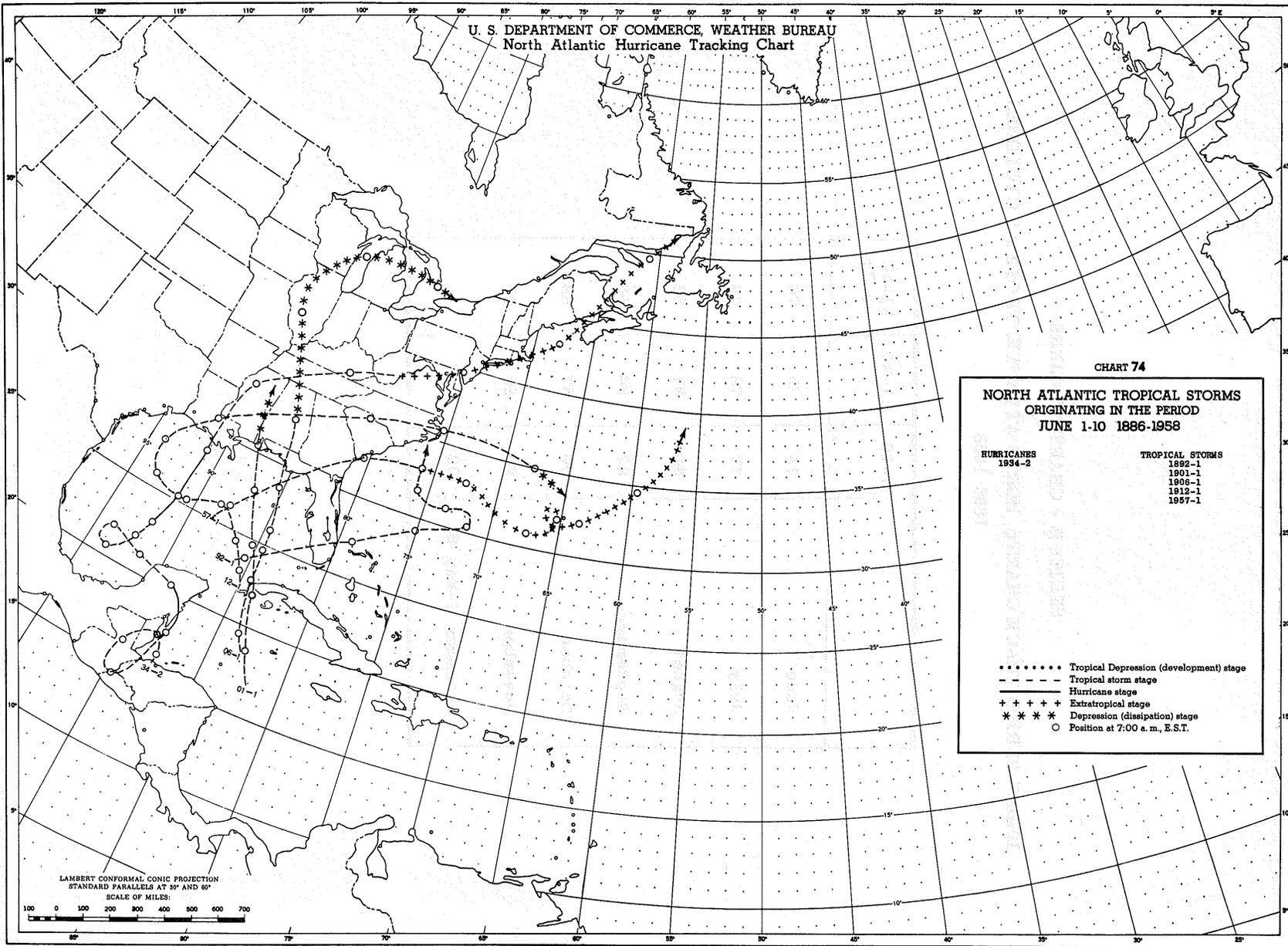


CHART 74

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 1-10 1886-1958**

HURRICANES	TROPICAL STORMS
1834-2	1892-1
	1901-1
	1906-1
	1912-1
	1937-1

- Tropical Depression (development) stage
- - - - - Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 75

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 11-20 1886-1958**

HURRICANES	TROPICAL STORMS
1886-2	1886-1
1888-1	1888-2
1893-1	1902-1
1902-2	1904-1
1906-2	1922-1
1921-1	1924-1
1945-1	1936-1
	1936-2
	1939-1
	1946-1
	1956-1
	1958-1

- Tropical Depression (development) stage
- Tropical storm stage
- Hurricane stage
- +++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 35° AND 65°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

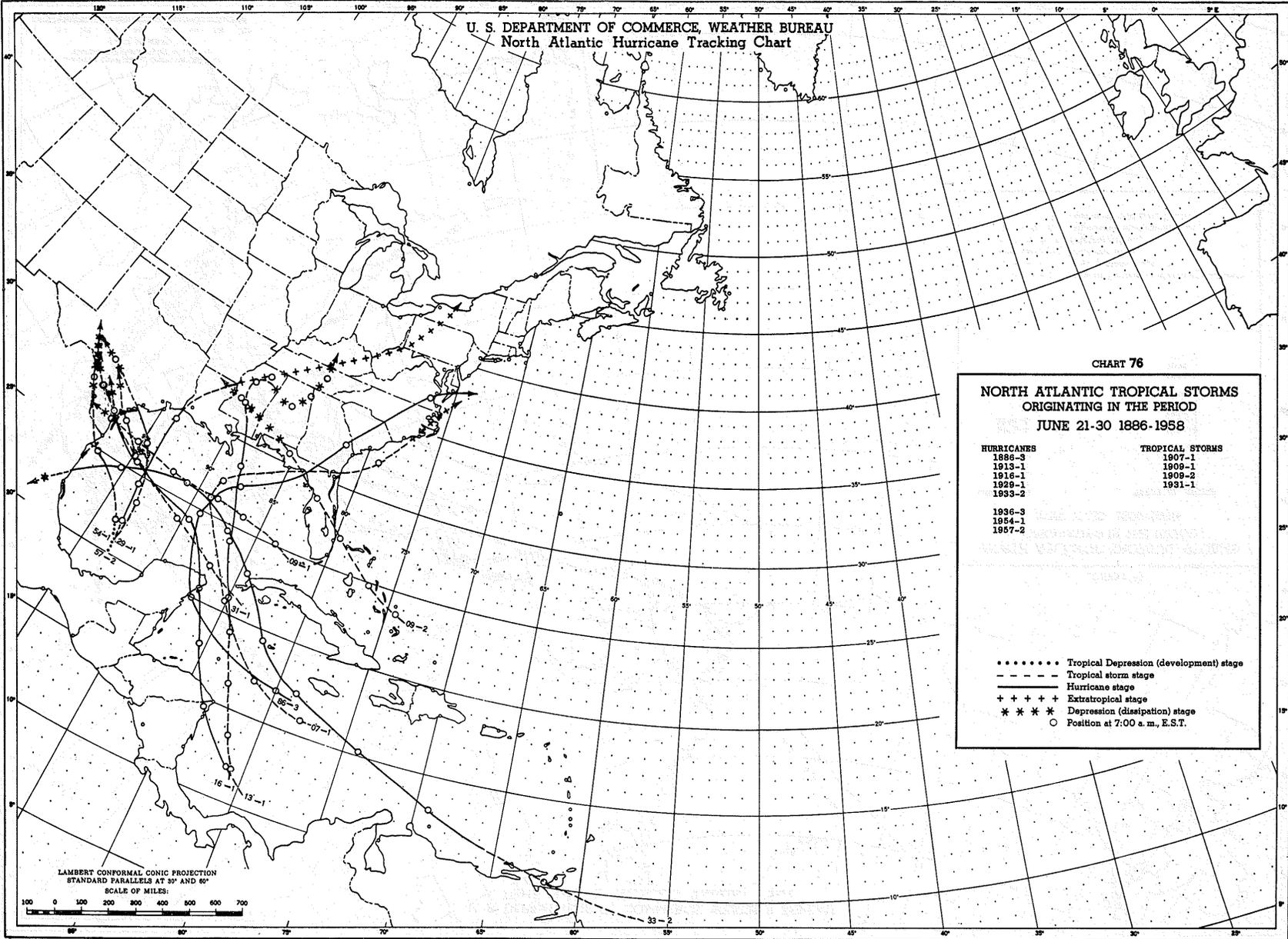


CHART 76

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 21-30 1886-1958**

HURRICANES	TROPICAL STORMS
1886-3	1907-1
1913-1	1909-1
1916-1	1909-2
1920-1	1931-1
1933-2	
1936-3	
1954-1	
1957-2	

.....	Tropical Depression (development) stage
-----	Tropical storm stage
————	Hurricane stage
+++++	Extratropical stage
***	Depression (dissipation) stage
○	Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 77

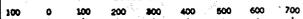
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 1-10 1886-1958

HURRICANES	TROPICAL STORMS
1891-1	1888-2
1893-2	1901-2
1896-1	1919-1
1901-3	1948-2
1946-2	

- Tropical Depression (development) stage
- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 78

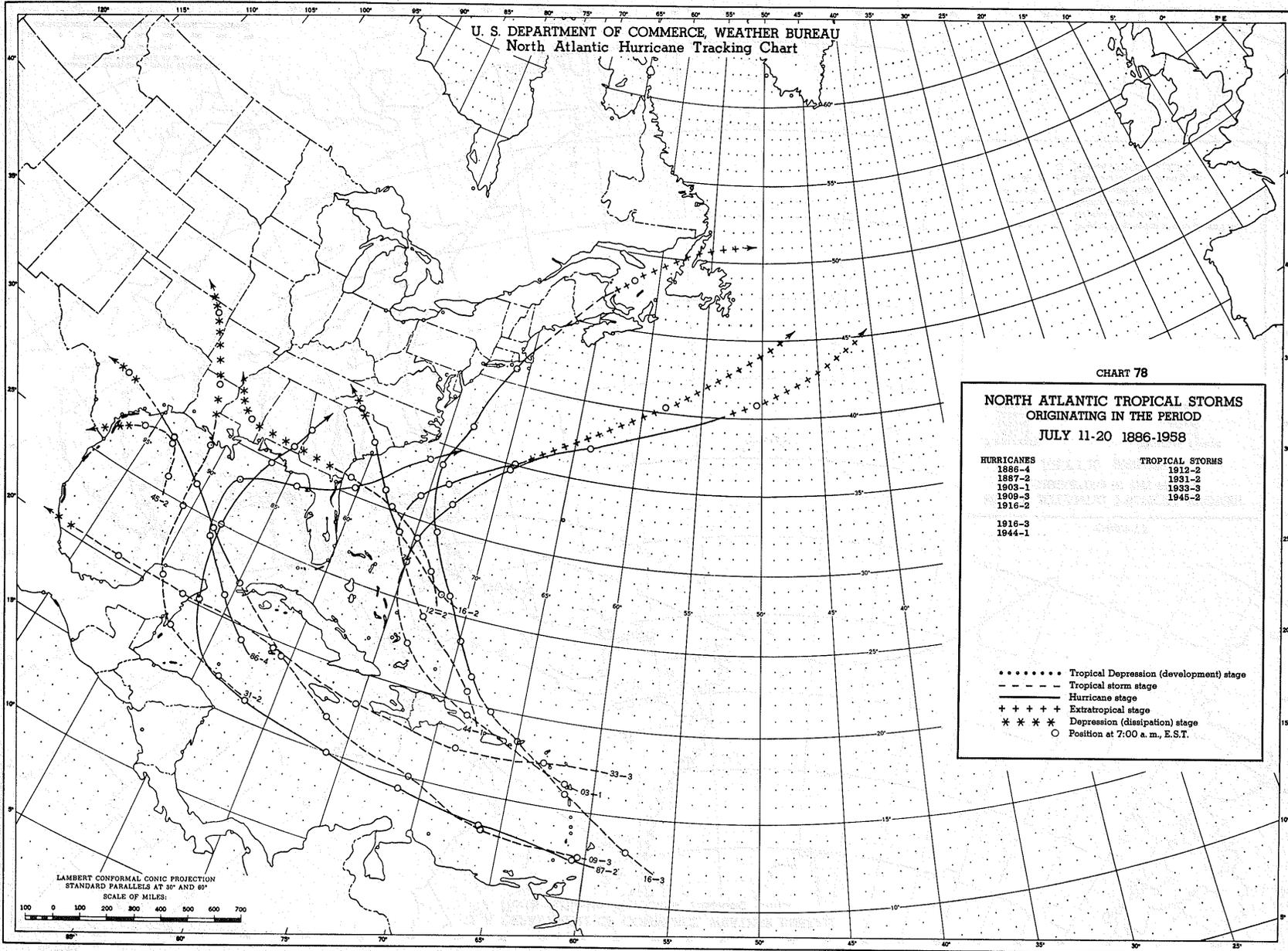
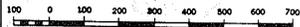
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 11-20 1886-1958

HURRICANES	TROPICAL STORMS
1886-4	1912-2
1887-2	1931-2
1903-1	1933-3
1909-3	1945-2
1916-2	
1916-3	
1944-1	

- Tropical Depression (development) stage
- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

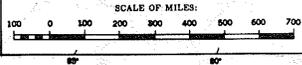
CHART 79

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 21-31 1886-1958**

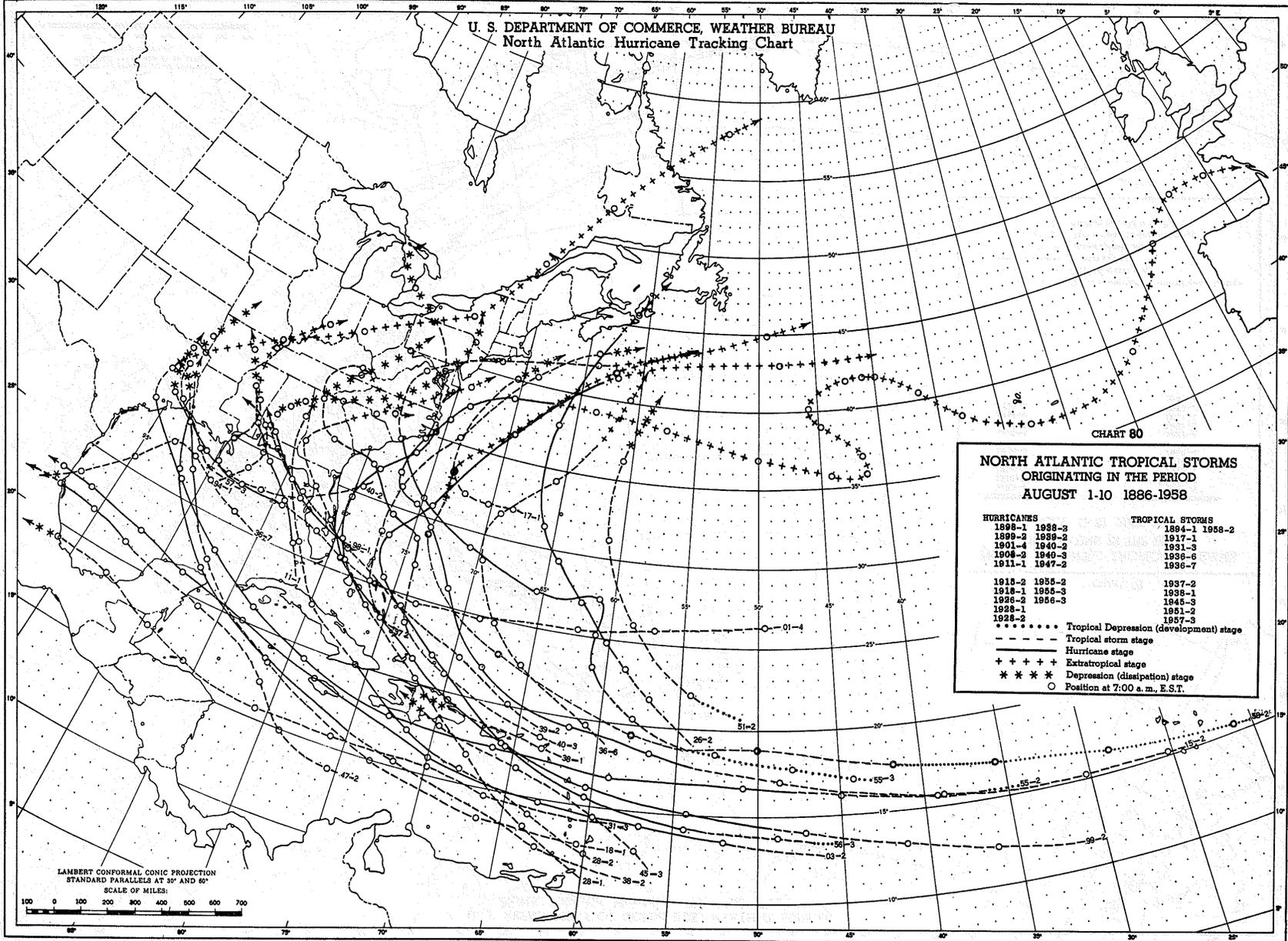
HURRICANES	TROPICAL STORMS
1899-1	1887-3
1908-2	1909-4
1926-1	1915-1
1933-5	1933-4
1934-3	1936-4
1936-5	1937-1
1943-1	1944-2
1944-3	1947-1
1956-2	1954-2
	1955-1

- Tropical Depression (development) stage
- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 35° AND 65°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart



**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 1-10 1886-1958**

HURRICANES		TROPICAL STORMS	
1898-1	1888-3	1894-1	1958-2
1899-3	1890-2	1917-1	
1901-4	1940-2	1931-3	
1908-3	1946-3	1936-6	
1911-1	1947-2	1936-7	
1915-2	1955-2	1937-2	
1918-1	1955-3	1938-1	
1926-2	1956-3	1945-3	
1928-1		1951-2	
1928-2		1957-3	

- Tropical Depression (development) stage
- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

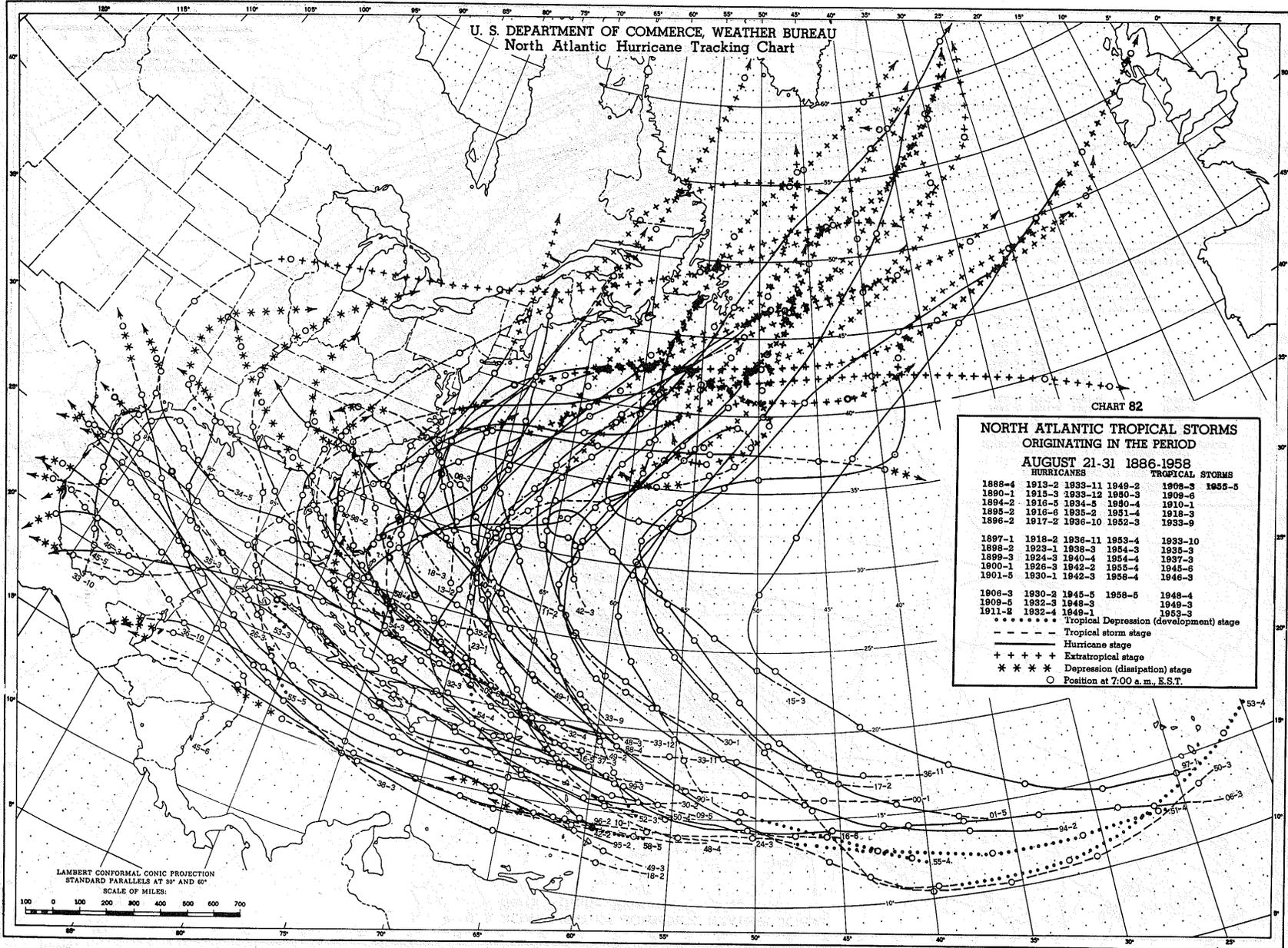
U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 81

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

AUGUST 11-20 1886-1958																																																																																																
HURRICANES	1886-5	1886-6	1886-7	1886-8	1886-9	1886-10	1886-11	1886-12	1886-13	1886-14	1886-15	1886-16	1886-17	1886-18	1886-19	1886-20	1886-21	1886-22	1886-23	1886-24	1886-25	1886-26	1886-27	1886-28	1886-29	1886-30	1886-31	1886-32	1886-33	1886-34	1886-35	1886-36	1886-37	1886-38	1886-39	1886-40	1886-41	1886-42	1886-43	1886-44	1886-45	1886-46	1886-47	1886-48	1886-49	1886-50	1886-51	1886-52	1886-53	1886-54	1886-55	1886-56	1886-57	1886-58	1886-59	1886-60	1886-61	1886-62	1886-63	1886-64	1886-65	1886-66	1886-67	1886-68	1886-69	1886-70	1886-71	1886-72	1886-73	1886-74	1886-75	1886-76	1886-77	1886-78	1886-79	1886-80	1886-81	1886-82	1886-83	1886-84	1886-85	1886-86	1886-87	1886-88	1886-89	1886-90	1886-91	1886-92	1886-93	1886-94	1886-95	1886-96	1886-97	1886-98	1886-99	1886-100
1886-5	1886-6	1886-7	1886-8	1886-9	1886-10	1886-11	1886-12	1886-13	1886-14	1886-15	1886-16	1886-17	1886-18	1886-19	1886-20	1886-21	1886-22	1886-23	1886-24	1886-25	1886-26	1886-27	1886-28	1886-29	1886-30	1886-31	1886-32	1886-33	1886-34	1886-35	1886-36	1886-37	1886-38	1886-39	1886-40	1886-41	1886-42	1886-43	1886-44	1886-45	1886-46	1886-47	1886-48	1886-49	1886-50	1886-51	1886-52	1886-53	1886-54	1886-55	1886-56	1886-57	1886-58	1886-59	1886-60	1886-61	1886-62	1886-63	1886-64	1886-65	1886-66	1886-67	1886-68	1886-69	1886-70	1886-71	1886-72	1886-73	1886-74	1886-75	1886-76	1886-77	1886-78	1886-79	1886-80	1886-81	1886-82	1886-83	1886-84	1886-85	1886-86	1886-87	1886-88	1886-89	1886-90	1886-91	1886-92	1886-93	1886-94	1886-95	1886-96	1886-97	1886-98	1886-99	1886-100	

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700



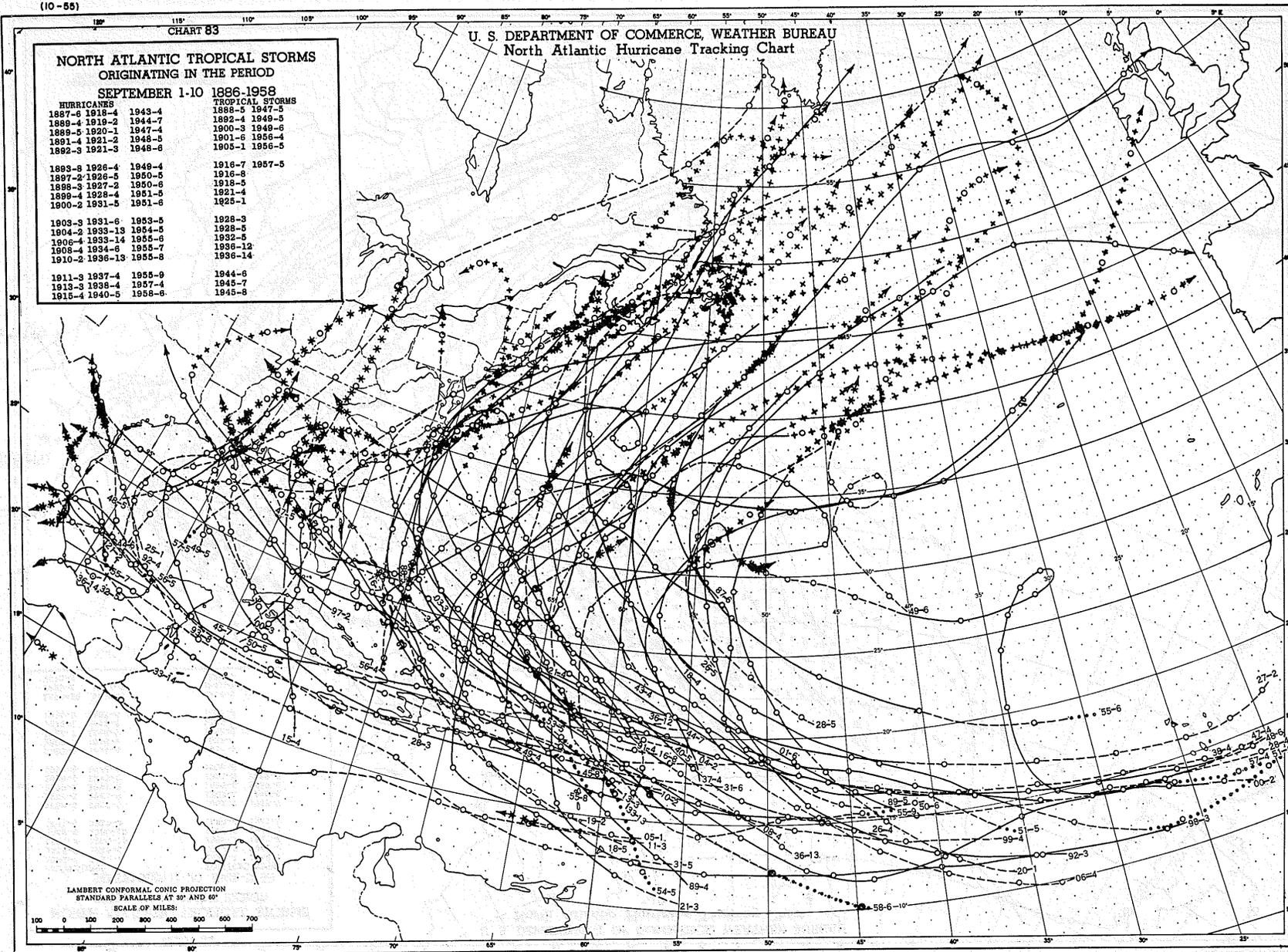
U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 82

NORTH ATLANTIC TROPICAL STORMS ORIGINATING IN THE PERIOD AUGUST 21-31 1886-1958				
HURRICANES			TROPICAL STORMS	
1886-4	1913-2	1933-11	1949-2	1968-3 1955-5
1890-1	1915-3	1933-12	1890-3	1909-6
1894-2	1916-5	1934-5	1890-4	1910-1
1895-2	1916-6	1935-2	1951-4	1918-3
1896-2	1917-2	1936-10	1932-3	1933-9
1897-1	1918-2	1936-11	1933-4	1933-10
1898-2	1923-1	1938-3	1934-3	1935-3
1899-3	1924-3	1940-4	1934-4	1937-3
1900-1	1926-3	1942-2	1935-4	1945-6
1901-5	1930-1	1942-3	1938-4	1946-3
1906-3	1930-2	1945-5	1938-5	1948-4
1909-5	1932-3	1946-3	1946-3	1949-3
1911-2	1932-4	1949-1	1953-3	1953-3

- - - - Tropical Depression (development) stage
 _____ Hurricane stage
 + + + + Extratropical stage
 * * * * * Depression (dissipation) stage
 O Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
0 100 200 300 400 500 600 700



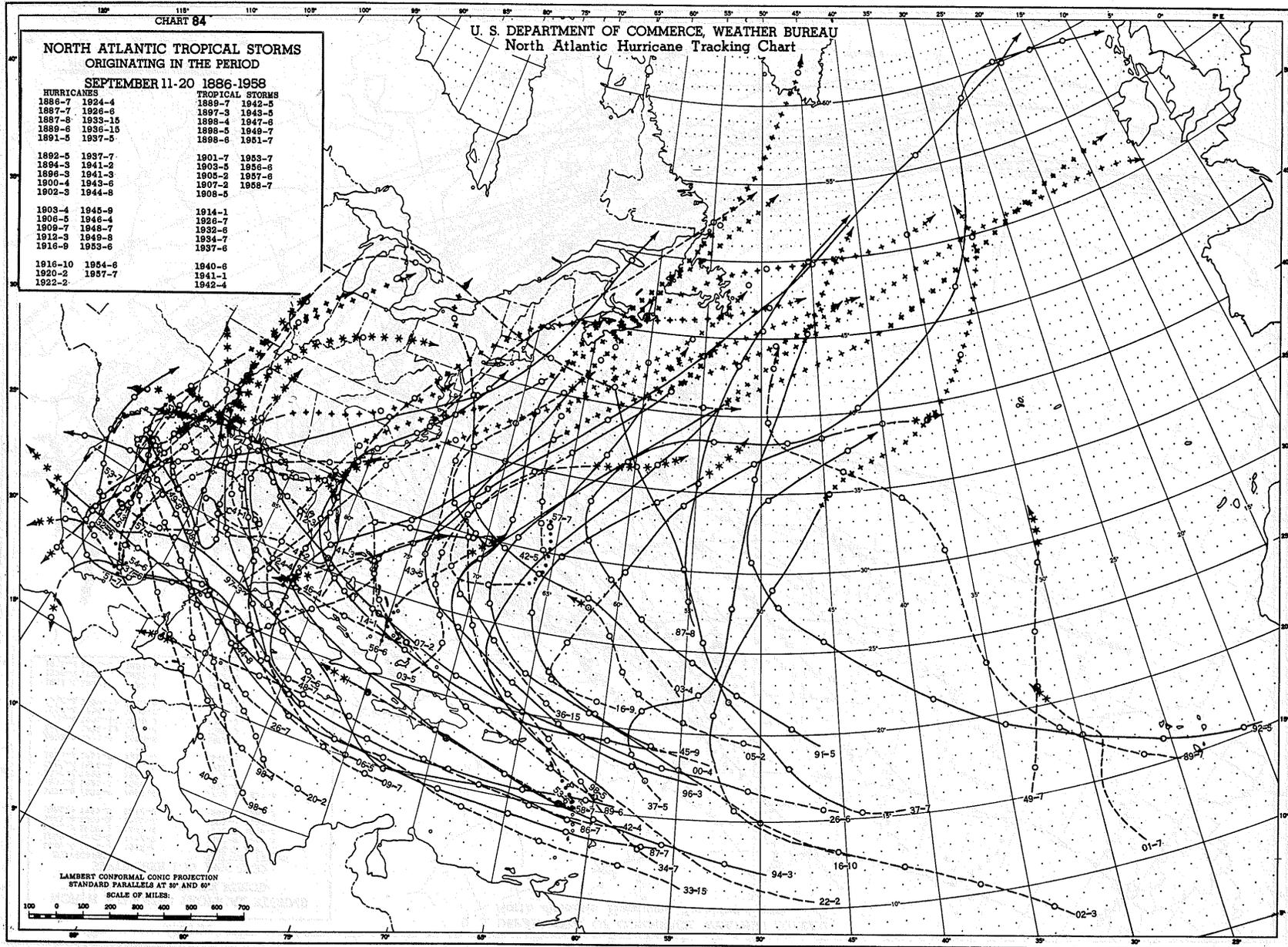


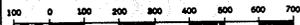
CHART 85

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 21-30 1886-1958

HURRICANES	TROPICAL STORMS
1886-8	1888-6
1891-6	1889-8
1893-9	1892-6
1893-10	1896-2
1896-4	1901-6
1898-7	1905-3
1903-6	1906-6
1906-3	1907-3
1910-3	1908-8
1915-5	1924-5
1917-5	1931-7
1920-3	1933-16
1920-4	1933-17
1923-2	1937-8
1926-8	1937-9
1927-3	1939-3
1927-4	1942-6
1929-2	1943-7
1935-7	1954-7
1935-8	
1935-9	
1935-10	
1936-1	
1936-2	
1936-3	
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1953-7	
1953-8	
1953-9	
1953-10	
1954-1	
1954-2	
1954-3	
1954-4	
1954-5	
1954-6	
1954-7	
1954-8	
1954-9	
1954-10	
1955-1	
1955-2	
1955-3	
1955-4	
1955-5	
1955-6	
1955-7	
1955-8	
1955-9	
1955-10	
1956-1	
1956-2	
1956-3	
1956-4	
1956-5	
1956-6	
1956-7	
1956-8	
1956-9	
1956-10	
1957-1	
1957-2	
1957-3	
1957-4	
1957-5	
1957-6	
1957-7	
1957-8	
1957-9	
1957-10	
1958-1	
1958-2	
1958-3	
1958-4	
1958-5	
1958-6	
1958-7	
1958-8	
1958-9	
1958-10	

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



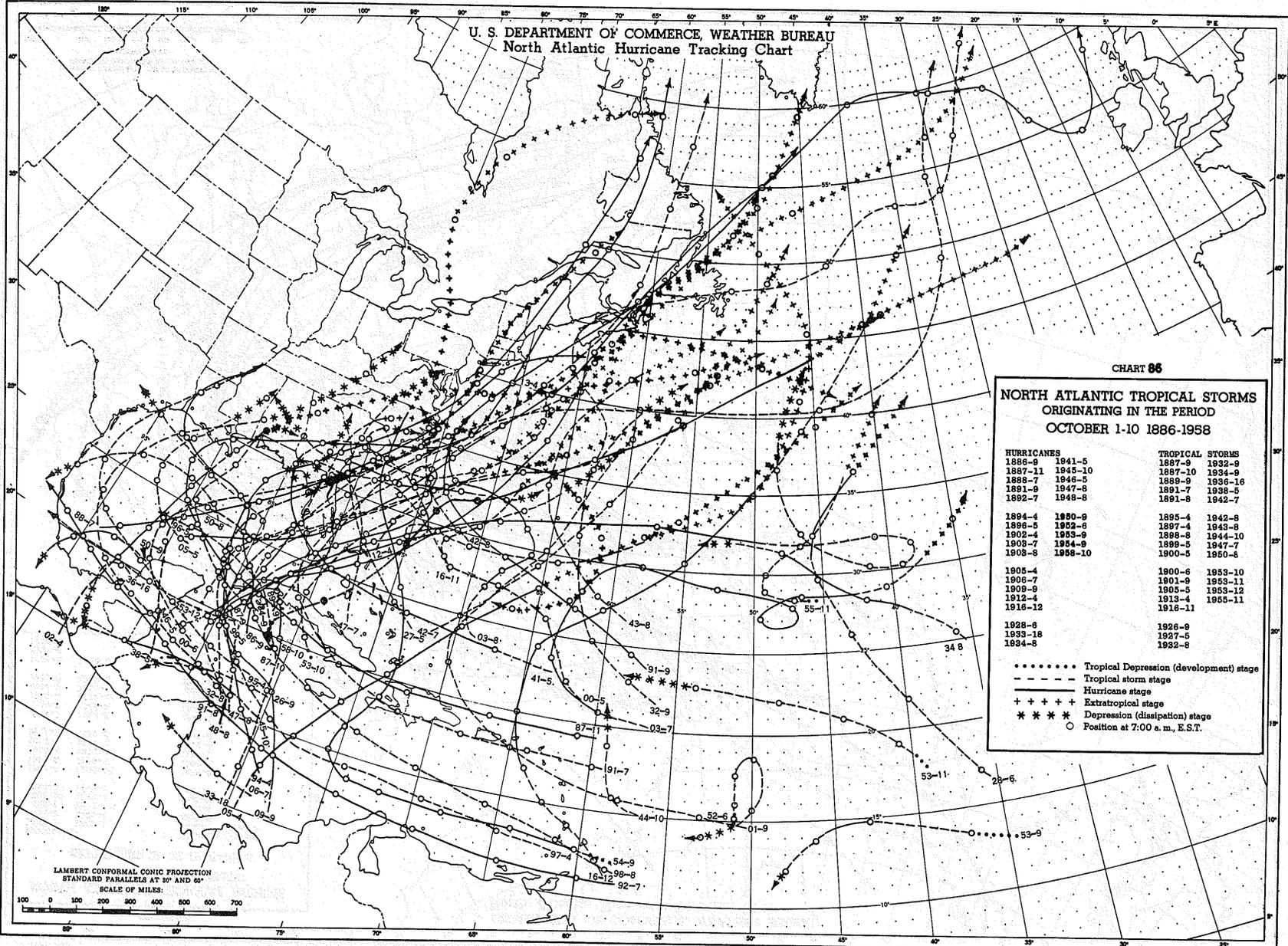
U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 86

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1886-1958**

HURRICANES		TROPICAL STORMS	
1886-9	1941-5	1887-9	1932-8
1887-11	1946-10	1887-10	1934-9
1888-7	1946-5	1889-9	1936-16
1891-9	1947-8	1891-7	1938-5
1892-7	1948-8	1891-8	1942-7
1894-4	1950-9	1895-4	1942-8
1896-5	1952-6	1897-4	1943-8
1902-4	1953-9	1898-8	1944-10
1903-7	1954-9	1898-5	1947-7
1908-8	1958-10	1900-5	1950-8
1905-4		1900-6	1953-10
1906-7		1901-9	1953-11
1909-9		1905-5	1953-12
1912-4		1913-4	1954-10
1916-12		1916-11	1955-11
1928-8		1928-8	
1933-18		1927-5	
1934-8		1932-8	

- Tropical Depression (development) stage
- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

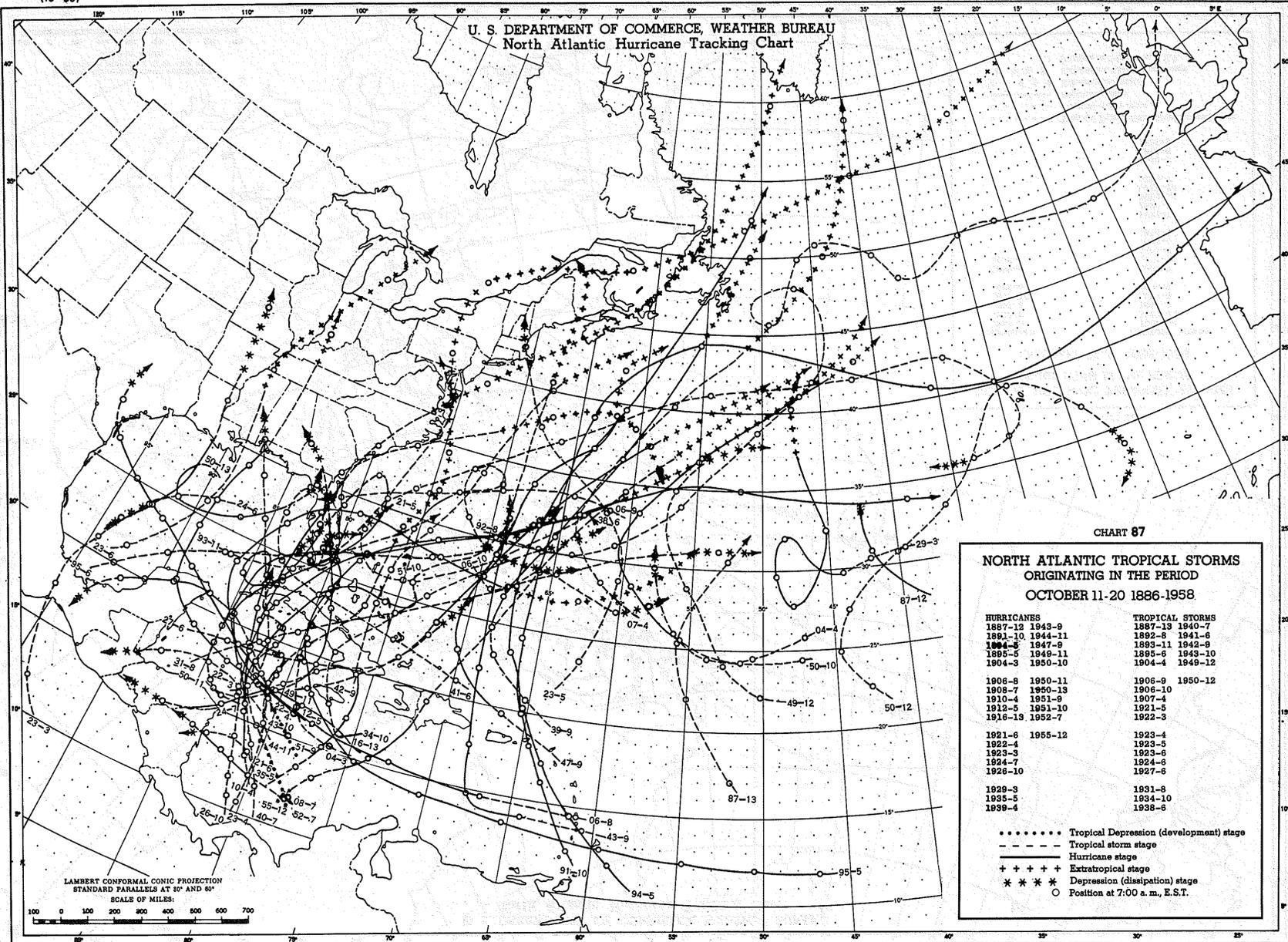


CHART 87

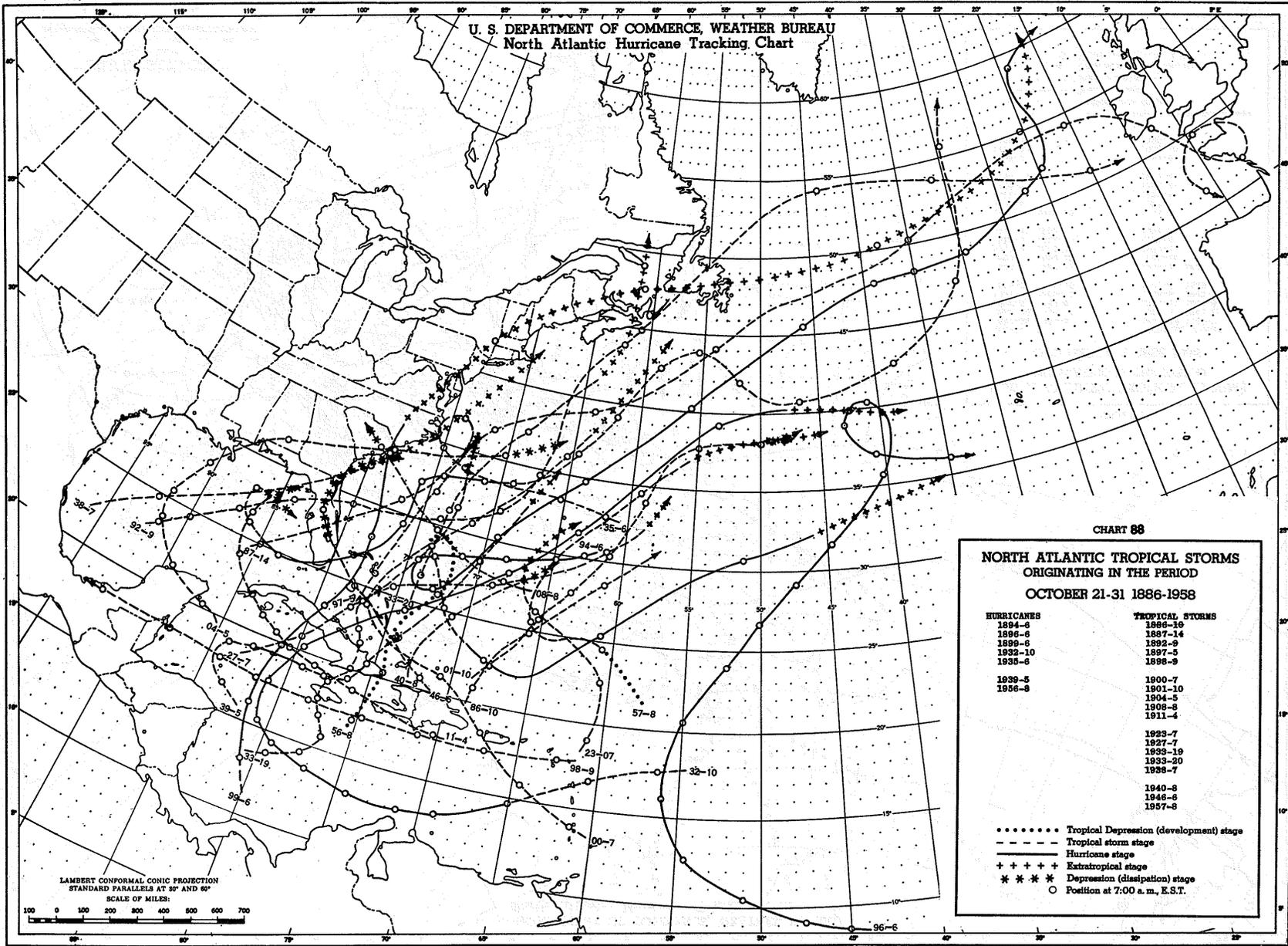
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1886-1958

HURRICANES	TROPICAL STORMS
1887-12 1943-9	1887-13 1940-7
1891-10 1944-11	1892-8 1941-6
1894-5 1947-8	1893-11 1942-8
1895-5 1949-11	1895-6 1943-10
1904-3 1950-10	1904-4 1949-12
1906-8 1950-11	1906-9 1950-12
1908-7 1950-13	1908-10
1910-4 1951-8	1907-4
1912-5 1951-10	1921-5
1916-13 1952-7	1922-3
1921-6 1955-12	1923-4
1922-4	1923-5
1923-3	1923-6
1924-7	1924-8
1926-10	1927-8
1929-3	1931-8
1935-5	1934-10
1939-4	1938-6

- Tropical Depression (development) stage
- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

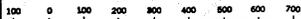
CHART 89

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1-10 1886-1958**

HURRICANES	TROPICAL STORMS
1924-8	1888-8
1932-11	1891-11
1942-10	1893-12
1948-9	1902-5
	1906-11
	1909-10
	1938-8
	1949-13

- Tropical Depression (development) stage
- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 90

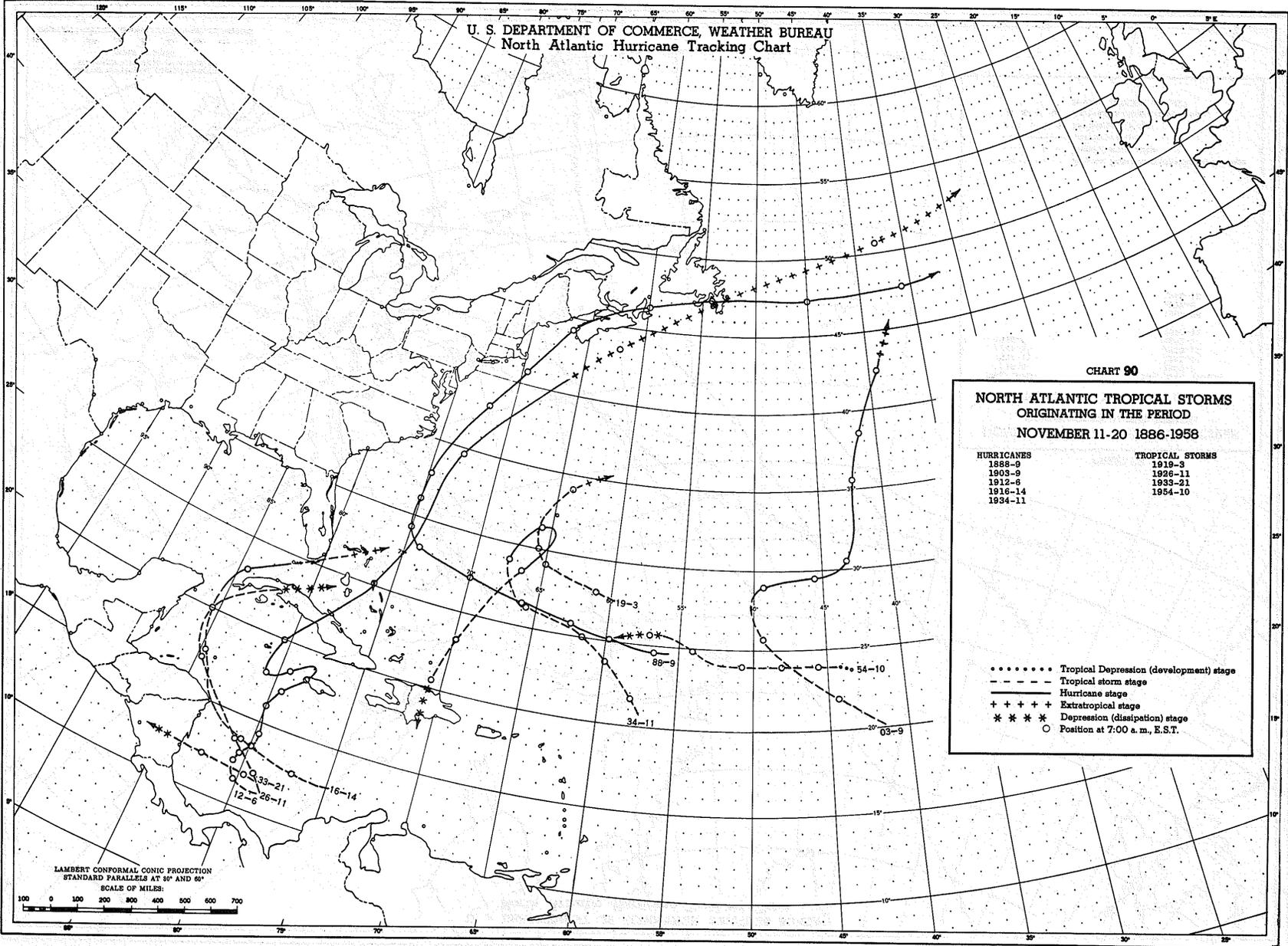
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 11-20 1886-1958

HURRICANES	TROPICAL STORMS
1888-9	1919-3
1903-9	1926-11
1912-6	1933-21
1916-14	1954-10
1934-11	

- Tropical Depression (development) stage
- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 35° AND 65°

SCALE OF MILES:
0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

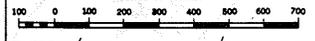
CHART 91

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 21-30 1886-1958

HURRICANES	TROPICAL STORMS
1887-15	1888-10
1925-2	1931-9
	1953-13

- Tropical Depression (development) stage
- - - - - Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

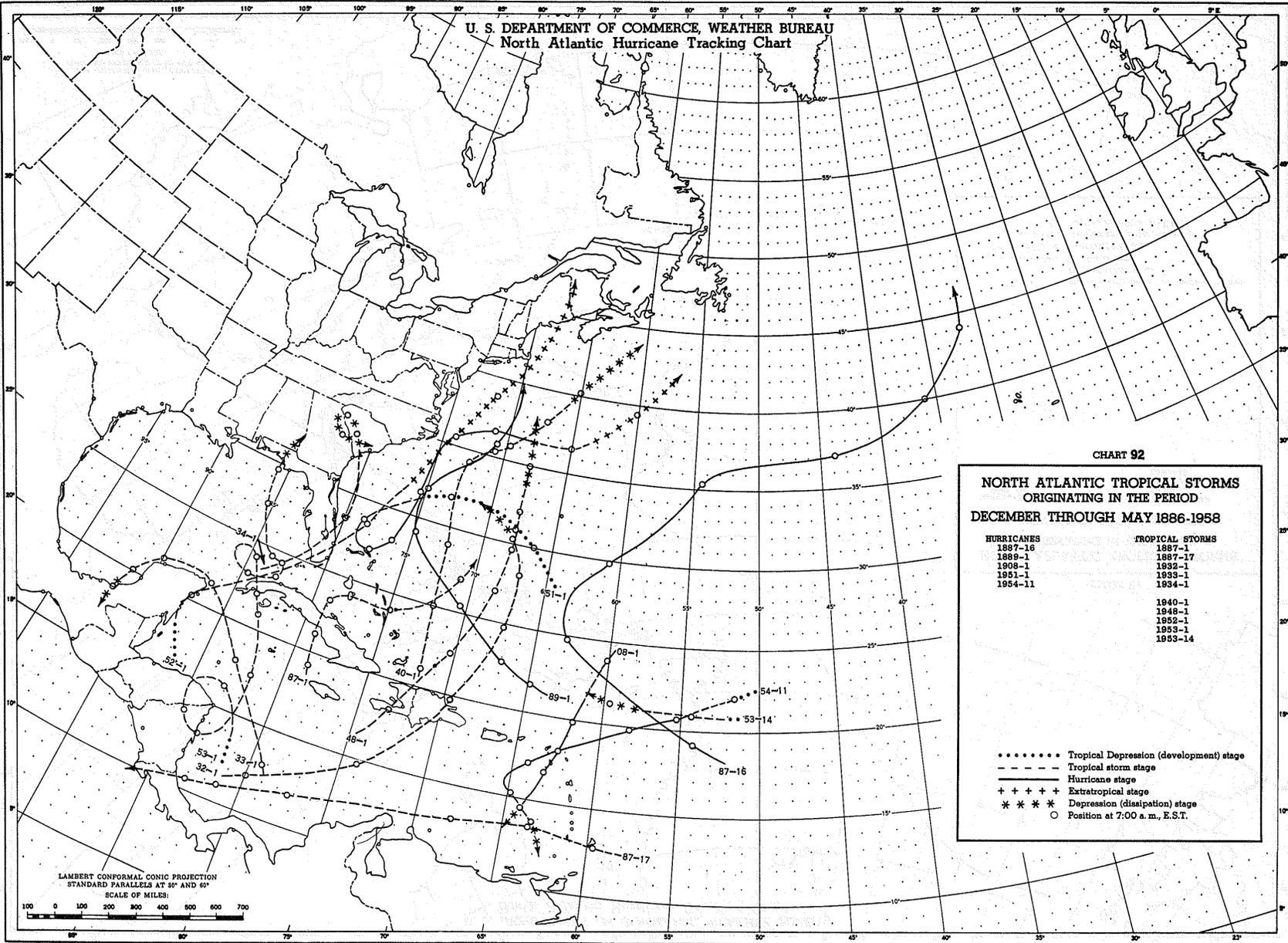


CHART 92

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
DECEMBER THROUGH MAY 1886-1958**

HURRICANES	TROPICAL STORMS
1887-16	1887-1
1888-1	1887-17
1908-1	1932-1
1951-1	1933-1
1954-11	1934-1
	1940-1
	1948-1
	1952-1
	1953-1
	1953-14

- Tropical Depression (development) stage
- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

SERIES C - CHART NUMBERS

DECADAL (10-YEAR) TRACK CHARTS, NORTH ATLANTIC TROPICAL CYCLONES
1886-1958

	1886- 1890	1891- 1900	1901- 1910	1911- 1920	1921- 1930	1931- 1940	1941- 1950	1951- 1958
June	93	94	95	96	97	98	99	100
July	101	102	103	104	105	106	107	108
August 1-10	-	109	110	111	112	113	114	115
August 11-20	116	117	-	118	119	120	121	122
August 21-31	123	124	125	126	127	128	129	130
September 1-10	131	132	133	134	135	136	137	138
September 11-20	139	140	141	142	143	144	145	146
September 21-30	147	148	149	150	151	152	153	154
October 1-10	155	156	157	158	159	160	161	162
October 11-20	163	164	165	166	167	168	169	170
October 21-31	171	172	173	174	175	176	177	178
November	179	180	181	182	183	184	185	186
December-May	187	-	188	-	-	189	190	191

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 93

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 1886-1890

NUMBER		DATE
1886-1	(T)	JUNE 13-14
1886-2	(H)	JUNE 20-23
1886-3	(H)	JUNE 27-JULY 2
1888-1	(H)	JUNE 17
1889-2	(T)	JUNE 15-23

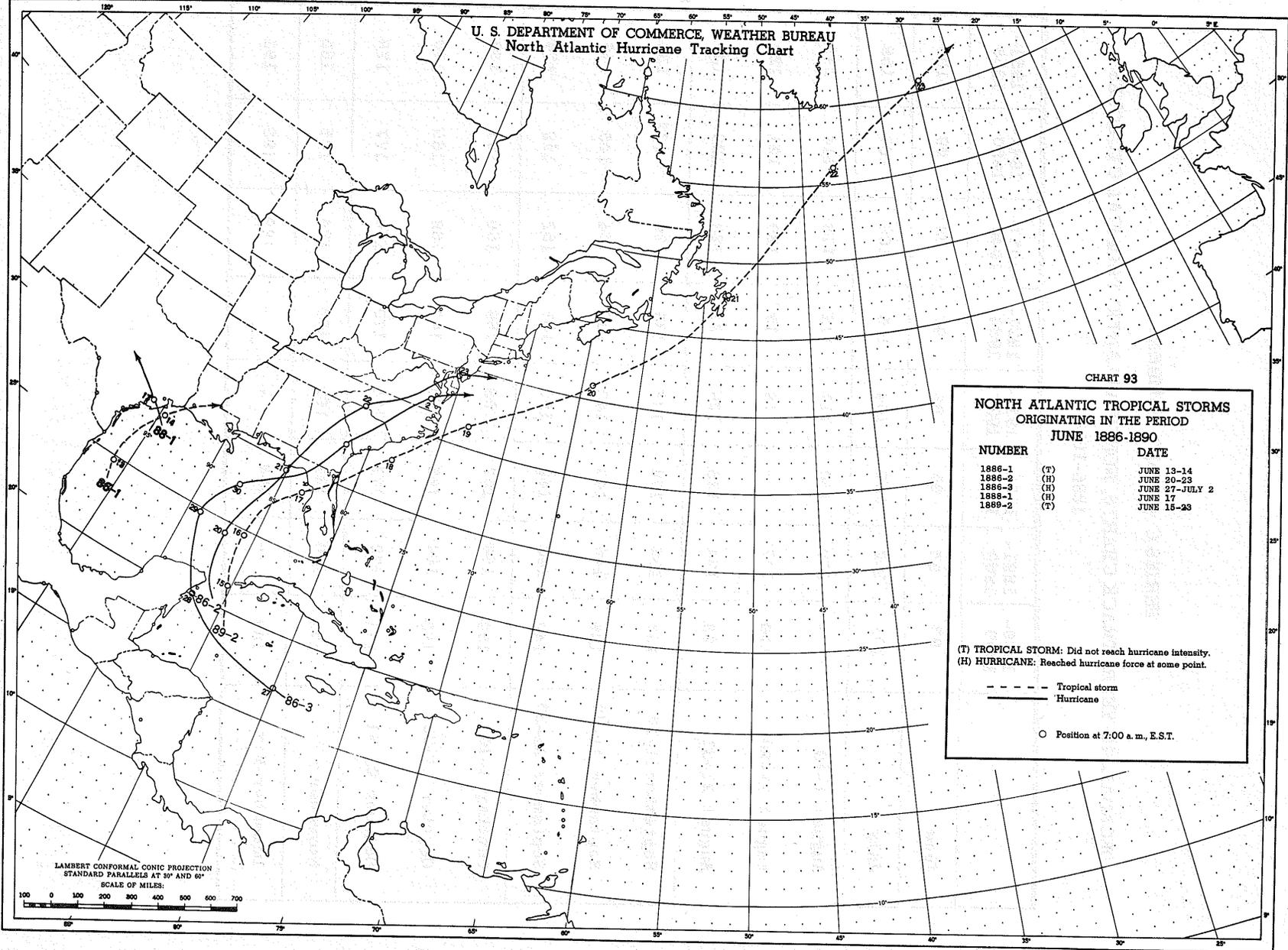
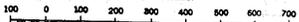
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 94

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 1891-1900

NUMBER		DATE
1892-1	(T)	JUNE 10-16
1893-1	(H)	JUNE 12-28

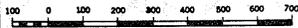
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

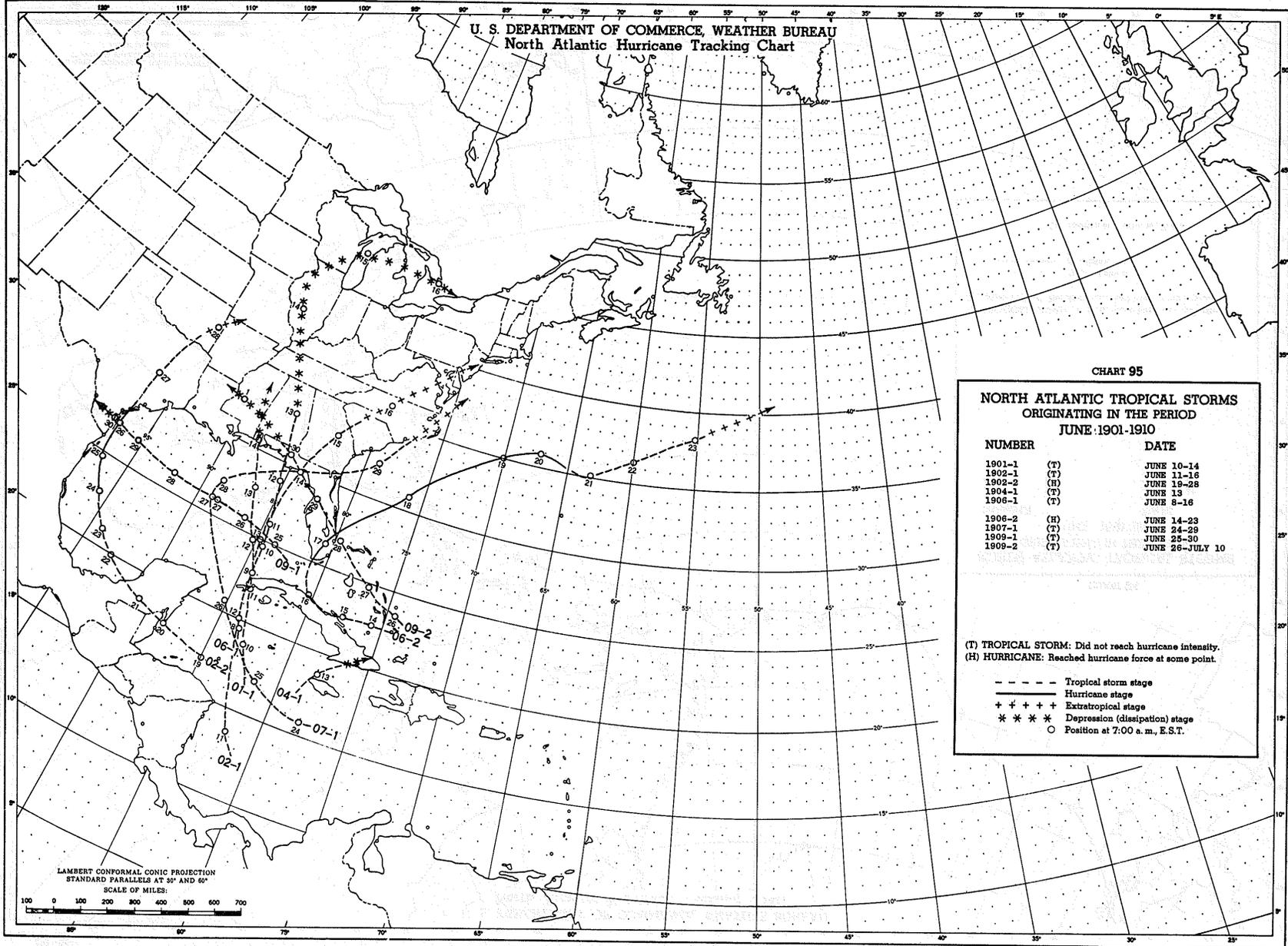


CHART 95

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 1901-1910

NUMBER		DATE
1901-1	(T)	JUNE 10-14
1902-1	(T)	JUNE 11-16
1902-2	(H)	JUNE 19-28
1904-1	(T)	JUNE 13
1906-1	(T)	JUNE 8-16
1906-2	(H)	JUNE 14-23
1907-1	(T)	JUNE 24-29
1909-1	(T)	JUNE 25-30
1909-2	(T)	JUNE 26-JULY 10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 96

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 1911-1920

NUMBER		DATE
1912-1	(T)	JUNE 7-16
1913-1	(H)	JUNE 22-28
1918-1	(H)	JUNE 29-JULY 10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 36° AND 66°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

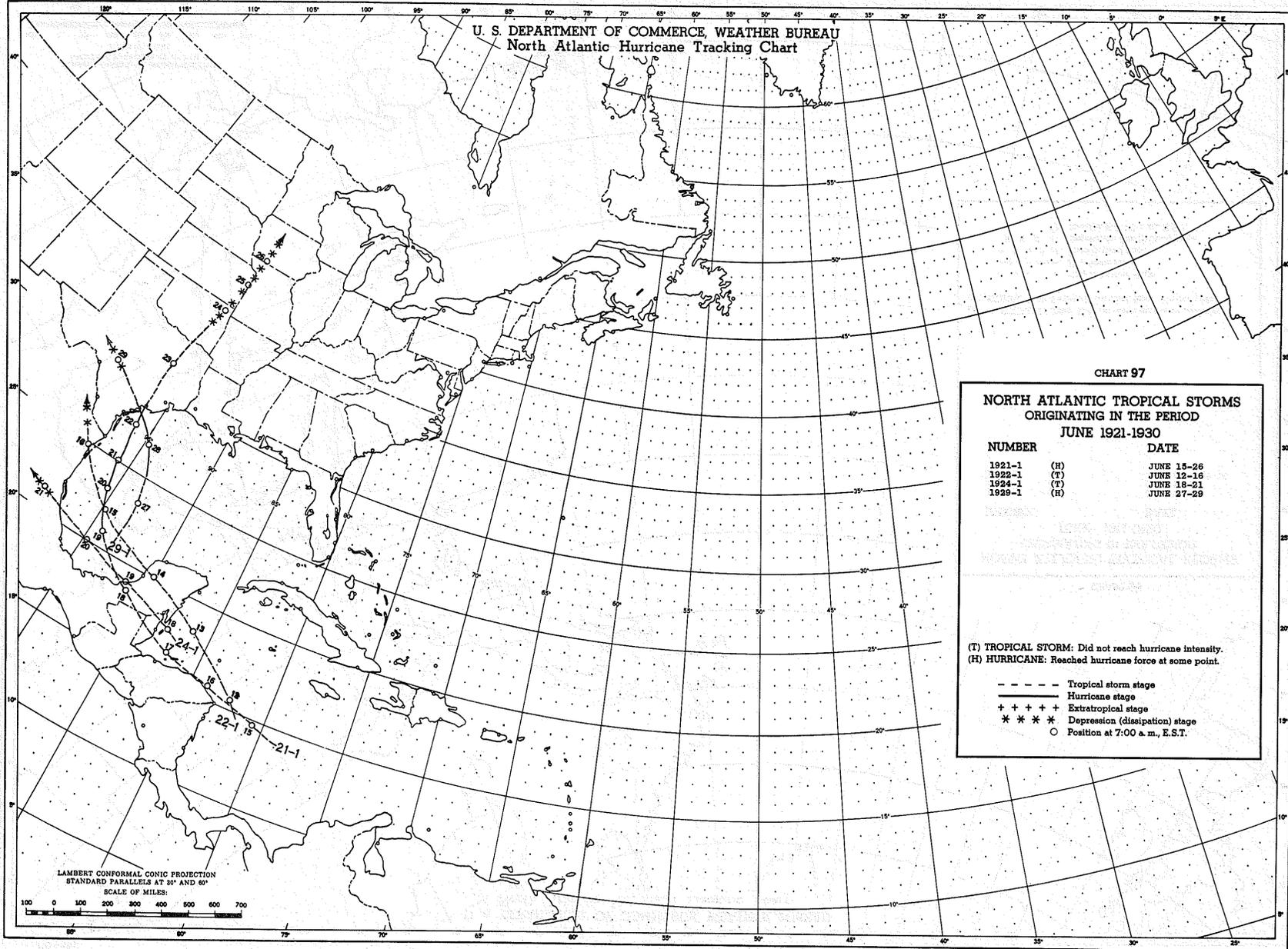


CHART 97

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 1921-1930

NUMBER		DATE
1921-1	(H)	JUNE 15-26
1922-1	(T)	JUNE 12-16
1924-1	(T)	JUNE 18-21
1928-1	(H)	JUNE 27-28

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 98

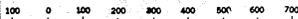
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 1931-1940

NUMBER		DATE
1931-1	(T)	JUNE 24-28
1933-2	(H)	JUNE 27-JULY 6
1934-2	(H)	JUNE 4-21
1936-1	(T)	JUNE 12-16
1936-2	(T)	JUNE 19-21
1936-3	(H)	JUNE 26-27
1939-1	(T)	JUNE 12-16

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

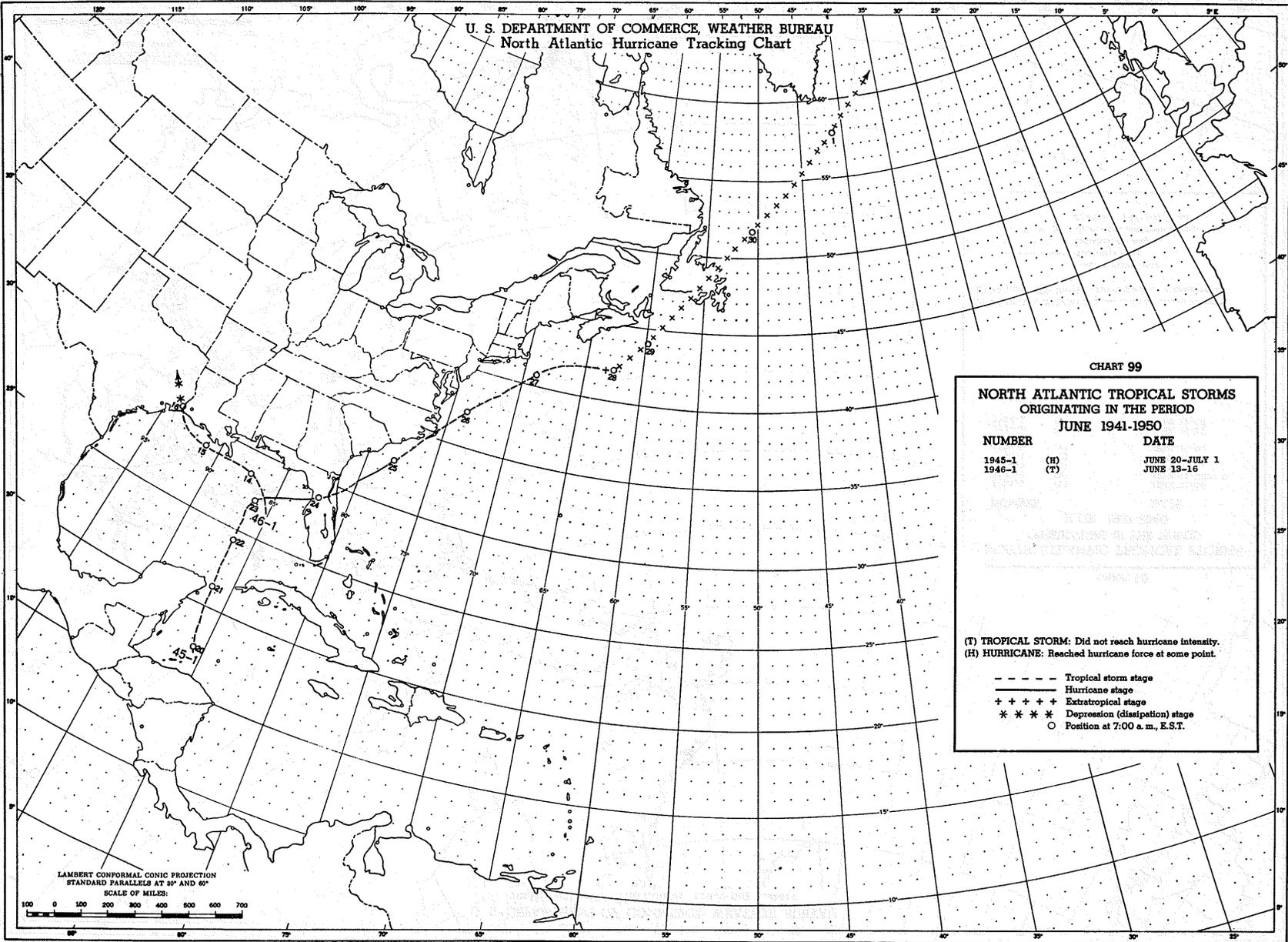


CHART 99

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

JUNE 1941-1950

NUMBER		DATE
1945-1	(H)	JUNE 20-JULY 1
1946-1	(T)	JUNE 13-16

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

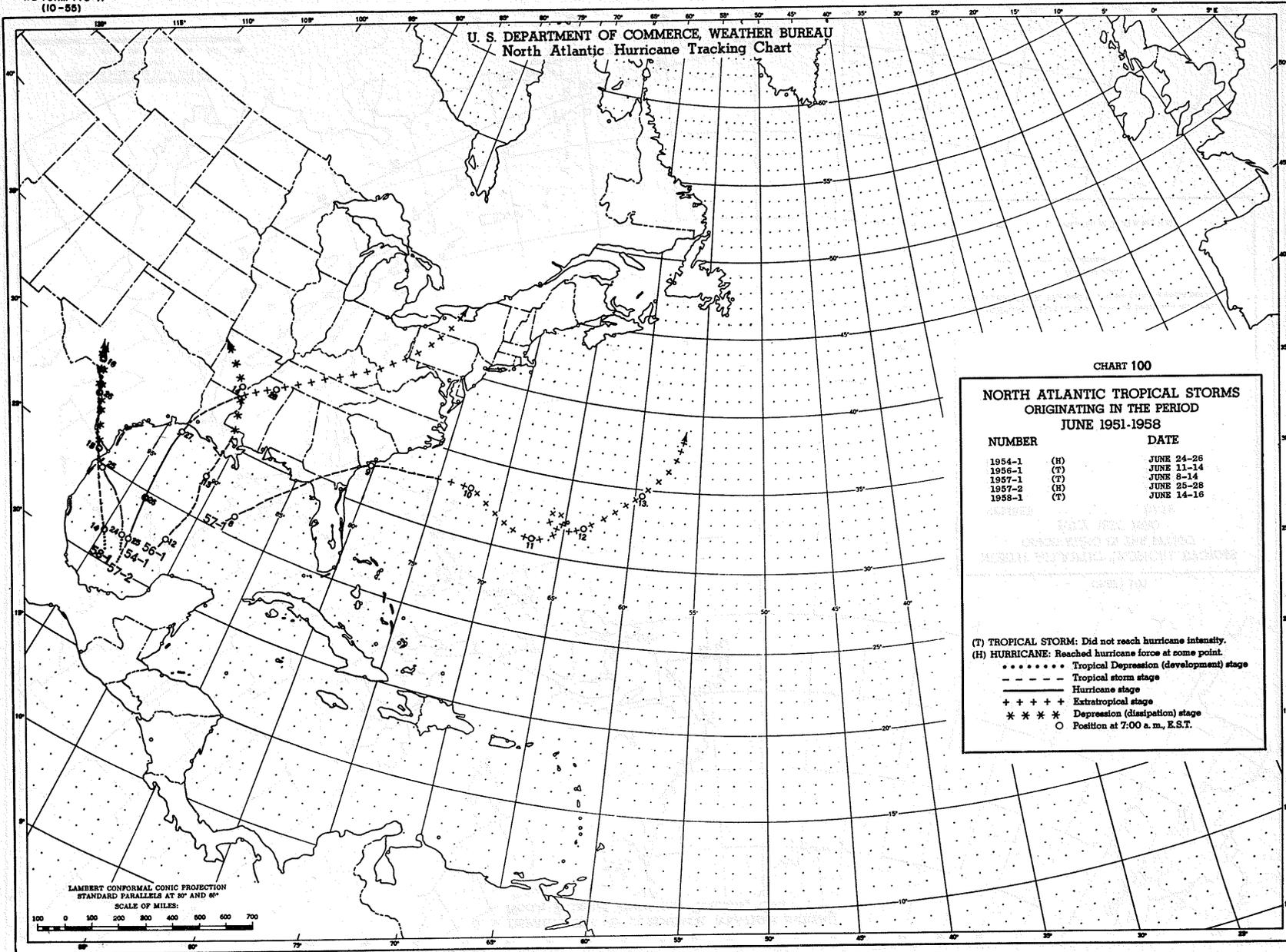


CHART 100

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JUNE 1951-1958

NUMBER		DATE
1954-1	(H)	JUNE 24-26
1956-1	(T)	JUNE 11-14
1957-1	(T)	JUNE 8-14
1957-2	(H)	JUNE 25-28
1958-1	(T)	JUNE 14-16

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 40° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

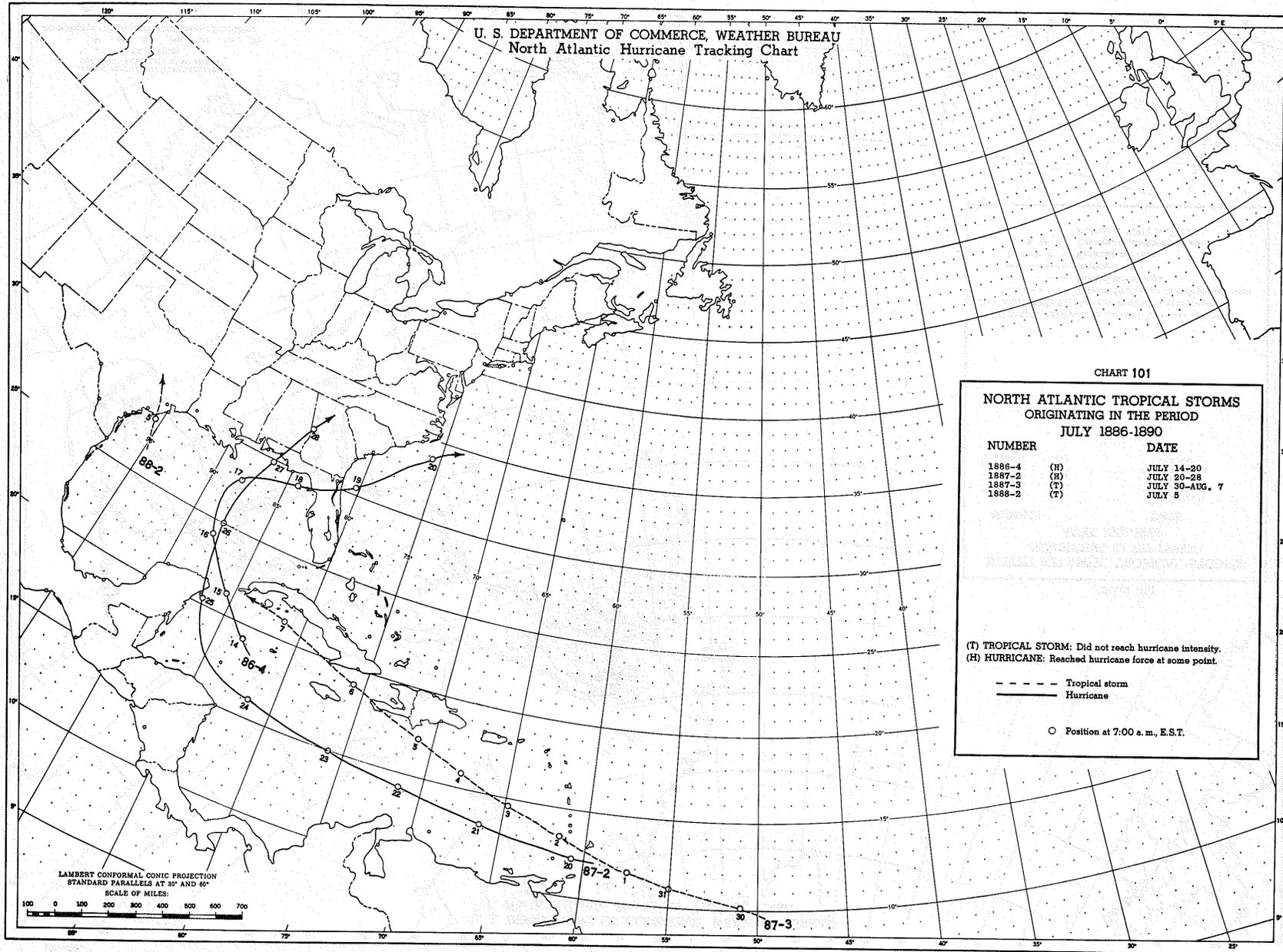


CHART 101

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 1886-1890

NUMBER		DATE
1886-4	(H)	JULY 14-20
1887-2	(H)	JULY 20-28
1887-3	(T)	JULY 30-AUG. 7
1888-2	(T)	JULY 5

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

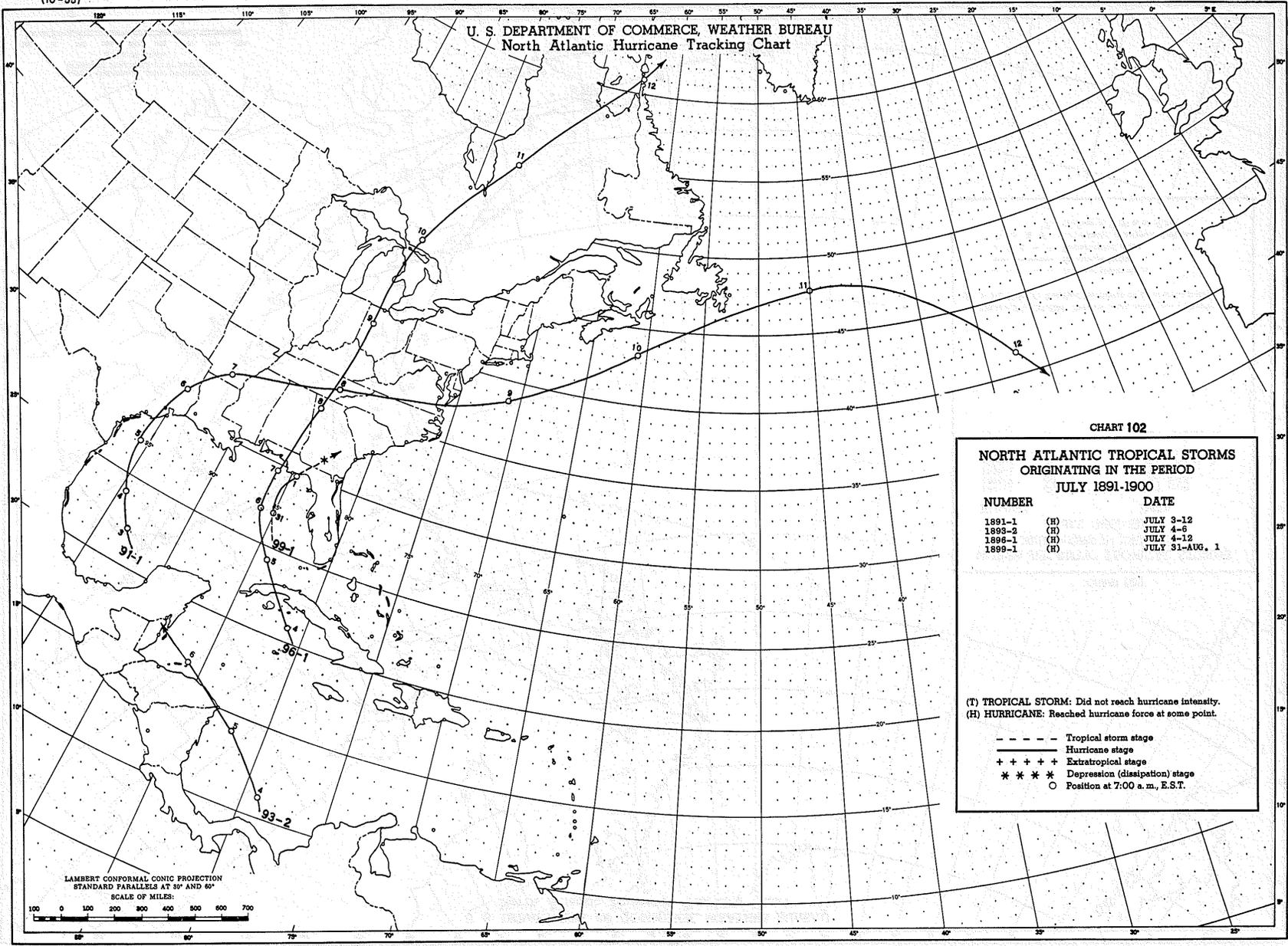


CHART 102

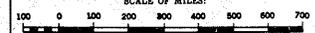
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 1891-1900**

NUMBER		DATE
1891-1	(H)	JULY 3-12
1893-2	(H)	JULY 4-6
1896-1	(H)	JULY 4-12
1899-1	(H)	JULY 31-AUG. 1

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

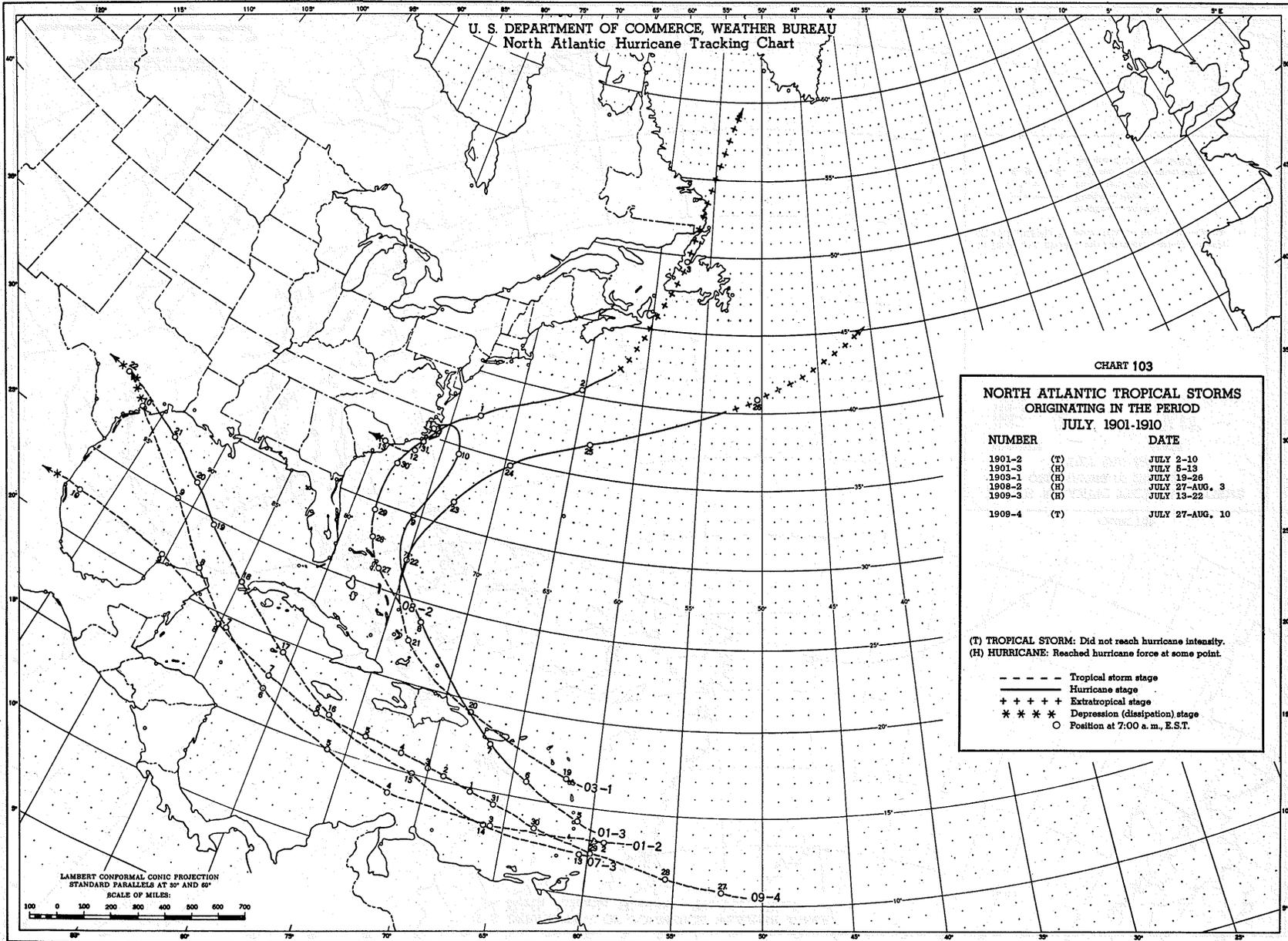


CHART 103

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 1901-1910

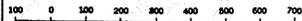
NUMBER	DATE
1901-2 (T)	JULY 2-10
1901-3 (H)	JULY 5-13
1903-1 (H)	JULY 19-26
1908-2 (H)	JULY 27-AUG. 3
1909-3 (H)	JULY 13-22
1909-4 (T)	JULY 27-AUG. 10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m. E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 104

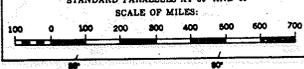
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 1911-1920

NUMBER		DATE
1912-2	(T)	JULY 12-17
1915-1	(T)	JULY 31-AUG. 5
1916-2	(H)	JULY 11-15
1916-3	(H)	JULY 11-22
1919-1	(T)	JULY 2-5

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

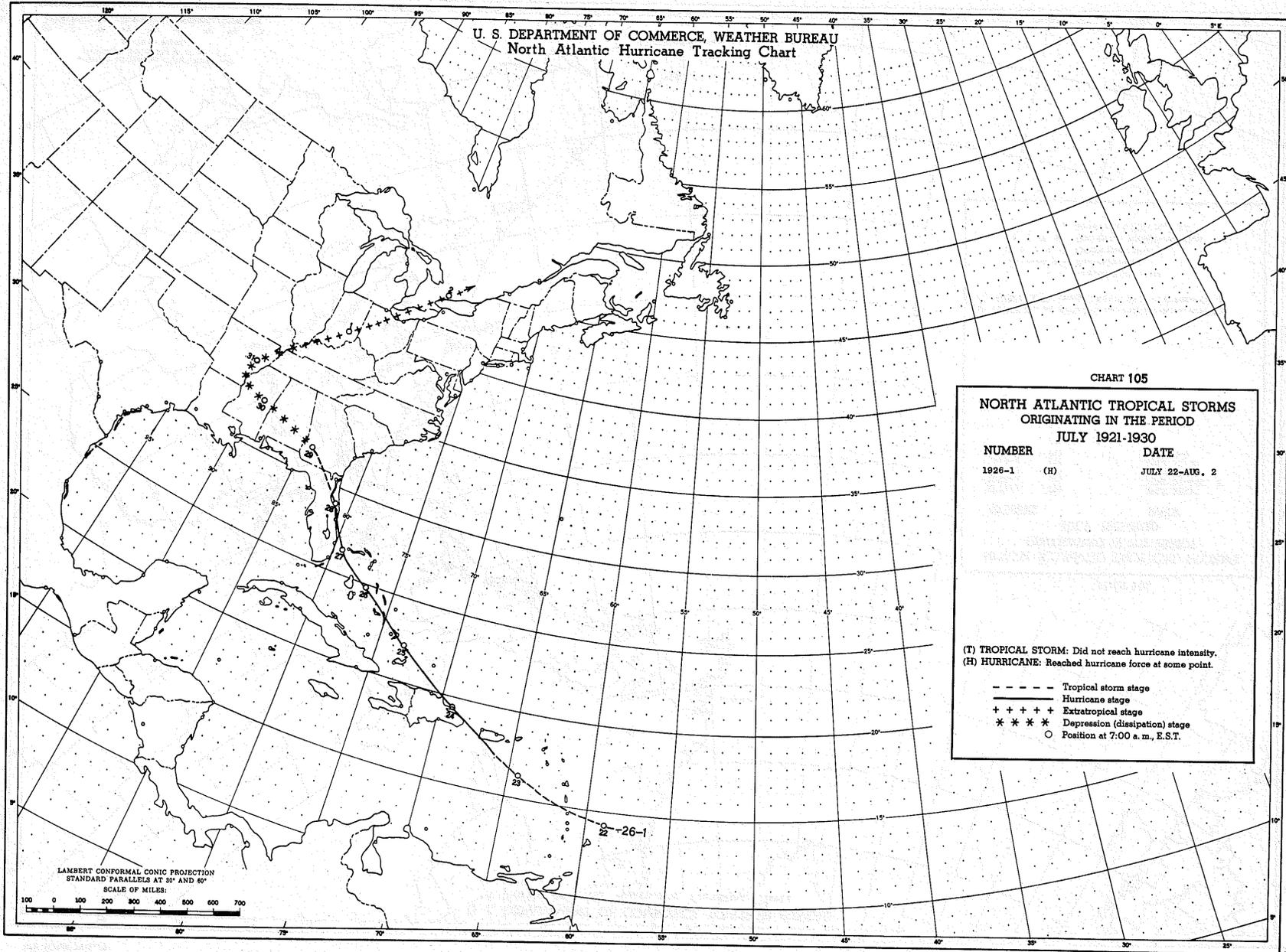


CHART 105

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

JULY 1921-1930

NUMBER DATE

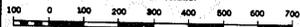
1926-1 (H) JULY 22-AUG. 2

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 106

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 1931-1940

NUMBER		DATE
1931-2	(T)	JULY 11-17
1933-3	(T)	JULY 13-19
1933-4	(T)	JULY 21-27
1933-5	(H)	JULY 28-AUG. 5
1934-3	(H)	JULY 21-28
1936-4	(T)	JULY 26-27
1936-5	(H)	JULY 27-AUG. 1
1937-1	(T)	JULY 29-AUG. 2

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.
-

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

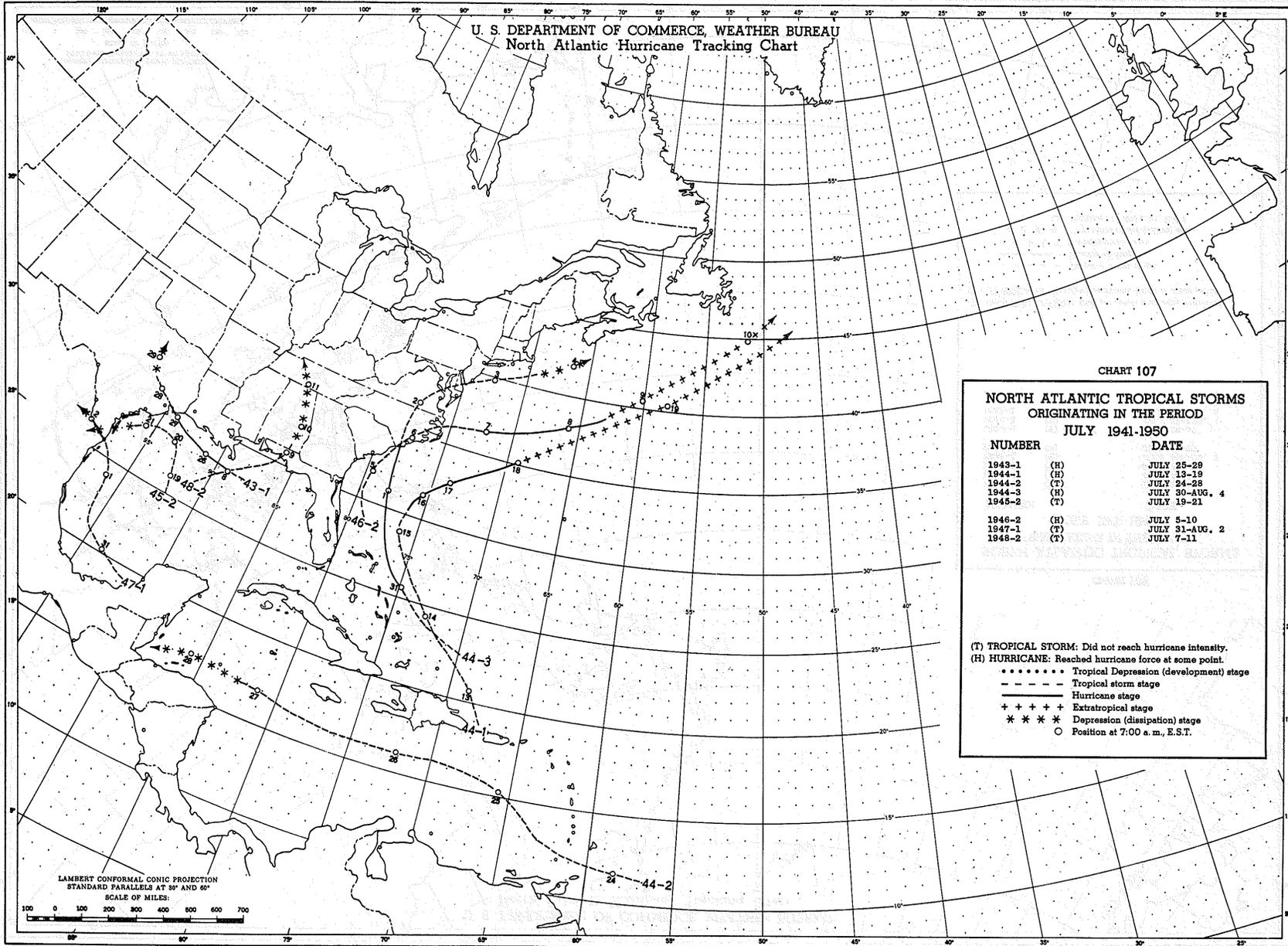


CHART 107

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD

NUMBER	DATE
1943-1 (H)	JULY 25-29
1944-1 (H)	JULY 13-19
1944-2 (T)	JULY 24-28
1944-3 (H)	JULY 30-AUG. 4
1945-2 (T)	JULY 19-21
1946-2 (H)	JULY 5-10
1947-1 (T)	JULY 31-AUG. 2
1948-2 (T)	JULY 7-11

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - - - - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 108

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
JULY 1951-1958

NUMBER	DATE
1954-2 (T)	JULY 27-30
1955-1 (T)	JULY 31-AUG. 2
1956-2 (H)	JULY 25-26

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

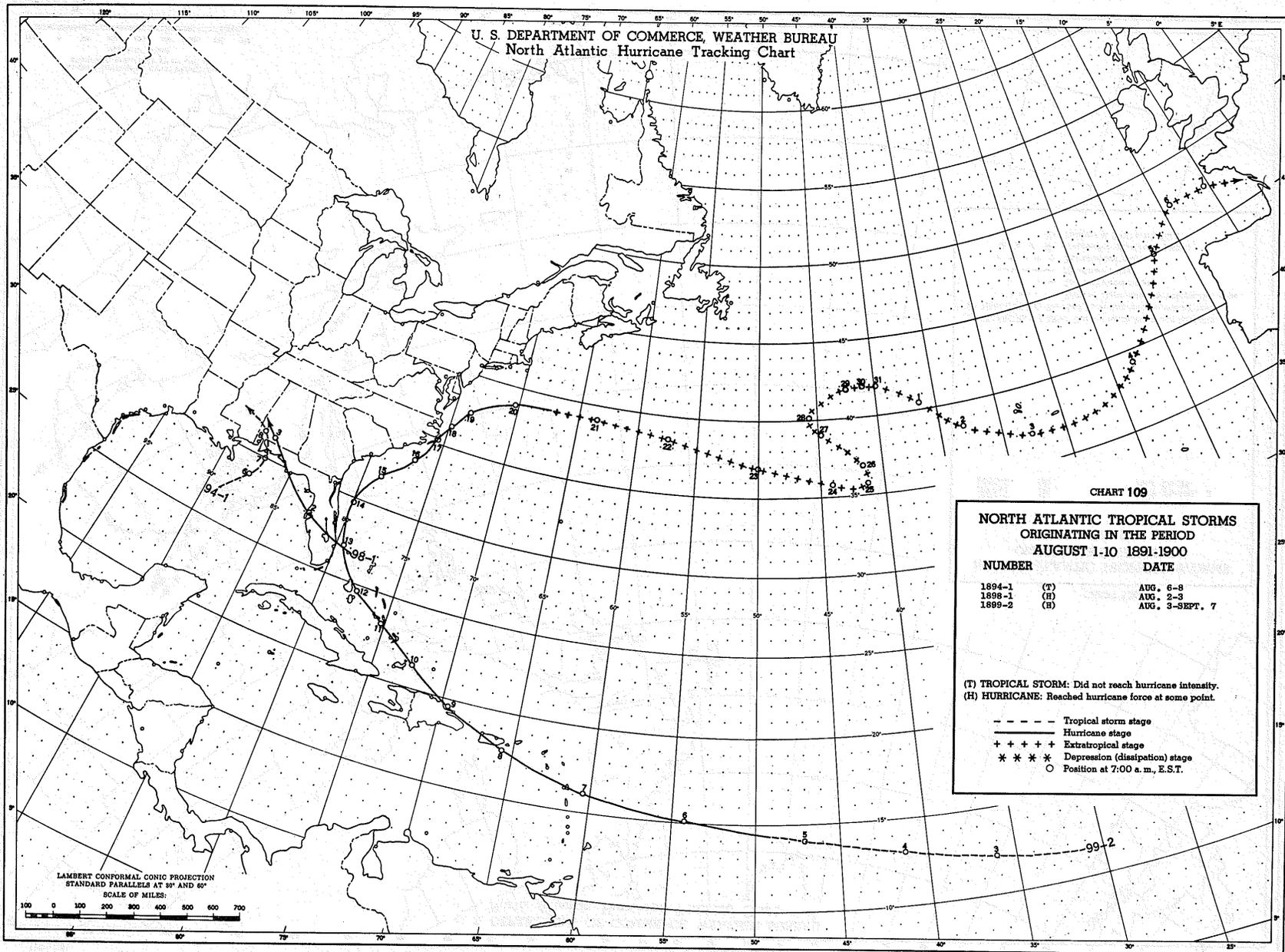


CHART 109

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 1-10 1891-1900**

NUMBER		DATE
1894-1	(T)	AUG. 6-8
1898-1	(H)	AUG. 2-3
1899-2	(H)	AUG. 3-SEPT. 7

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 110

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 1-10 1901-1910

NUMBER	DATE
1901-4 (H)	AUG. 4-18
1903-2 (H)	AUG. 7-16

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 36° AND 66°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 111

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 1-10 1911-1920

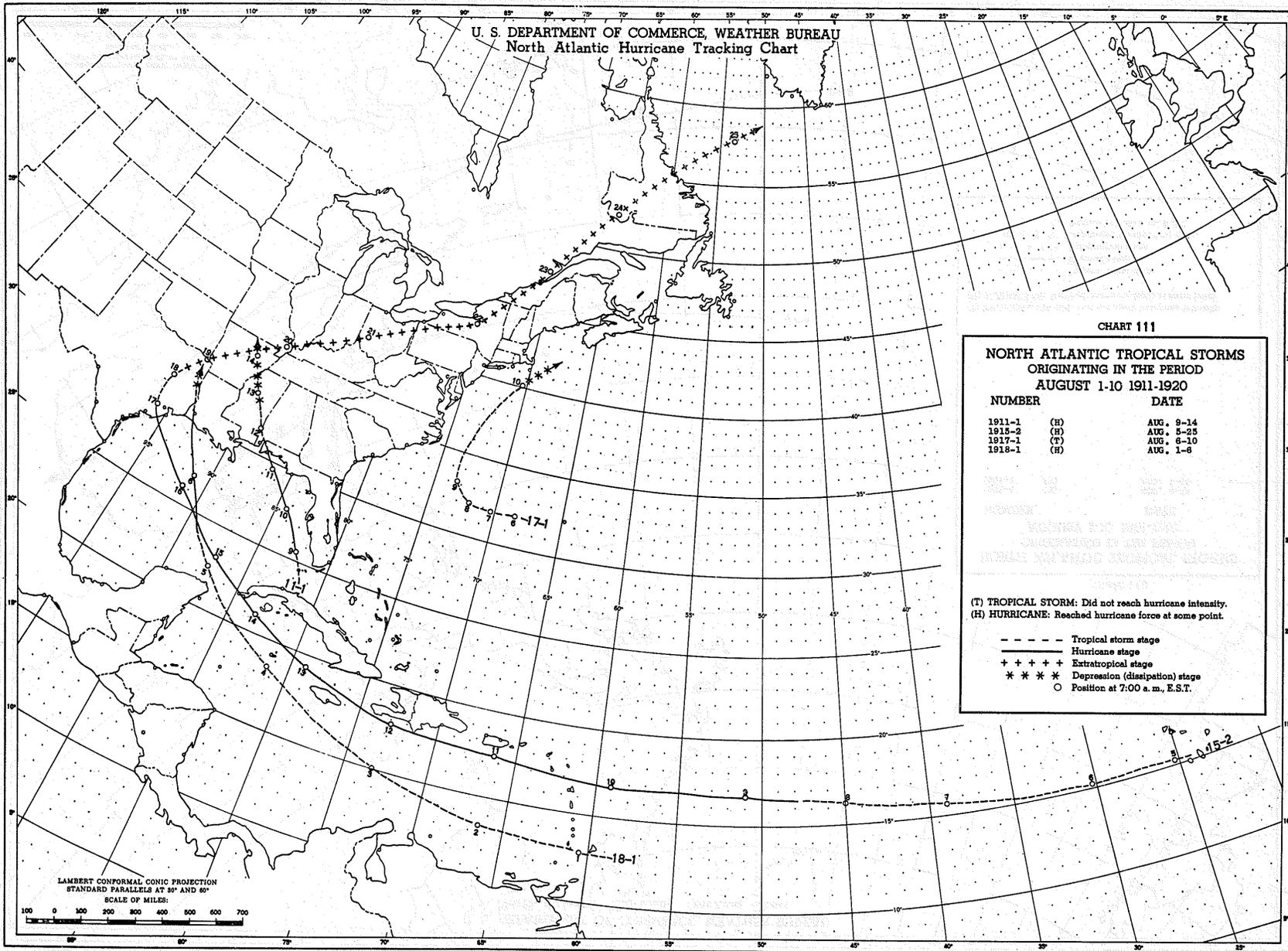
NUMBER		DATE
1911-1	(H)	AUG. 9-14
1915-2	(H)	AUG. 5-25
1917-1	(T)	AUG. 6-10
1918-1	(H)	AUG. 1-8

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 112

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 1-10 1921-1930

NUMBER	DATE
1926-2 (H)	AUG. 1-8
1928-1 (H)	AUG. 3-12
1928-2 (H)	AUG. 7-17

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

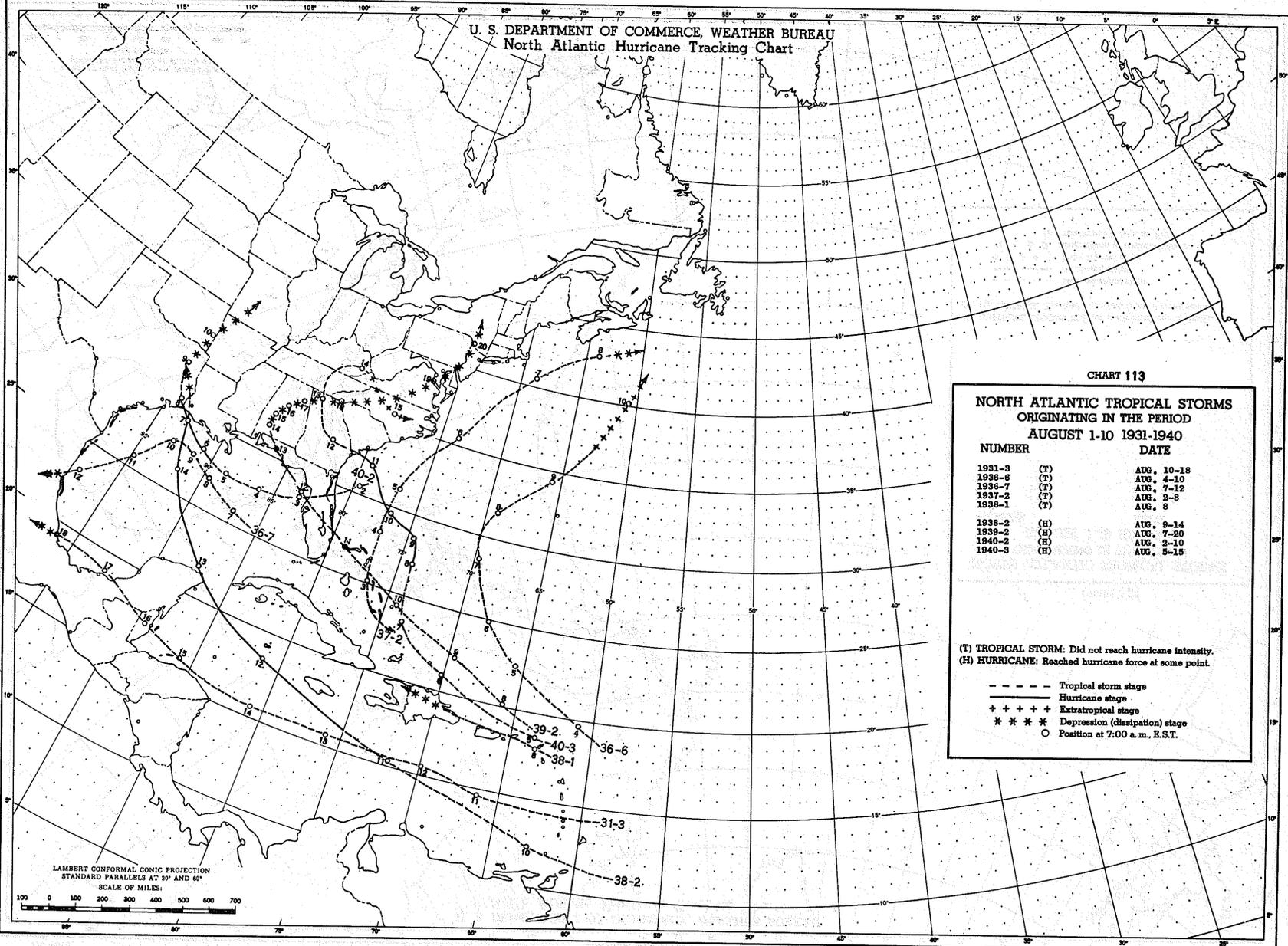
CHART 113

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 1-10 1931-1940**

NUMBER	DATE
1931-3 (T)	AUG. 10-18
1936-6 (T)	AUG. 4-10
1936-7 (T)	AUG. 7-12
1937-2 (T)	AUG. 2-5
1938-1 (T)	AUG. 8
1938-2 (H)	AUG. 9-14
1939-2 (H)	AUG. 7-20
1940-2 (H)	AUG. 2-10
1940-3 (H)	AUG. 5-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 114

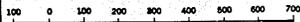
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 1-10 1941-1950**

NUMBER	DATE
1945-3 (T)	AUG. 1-4
1947-2 (H)	AUG. 9-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 115

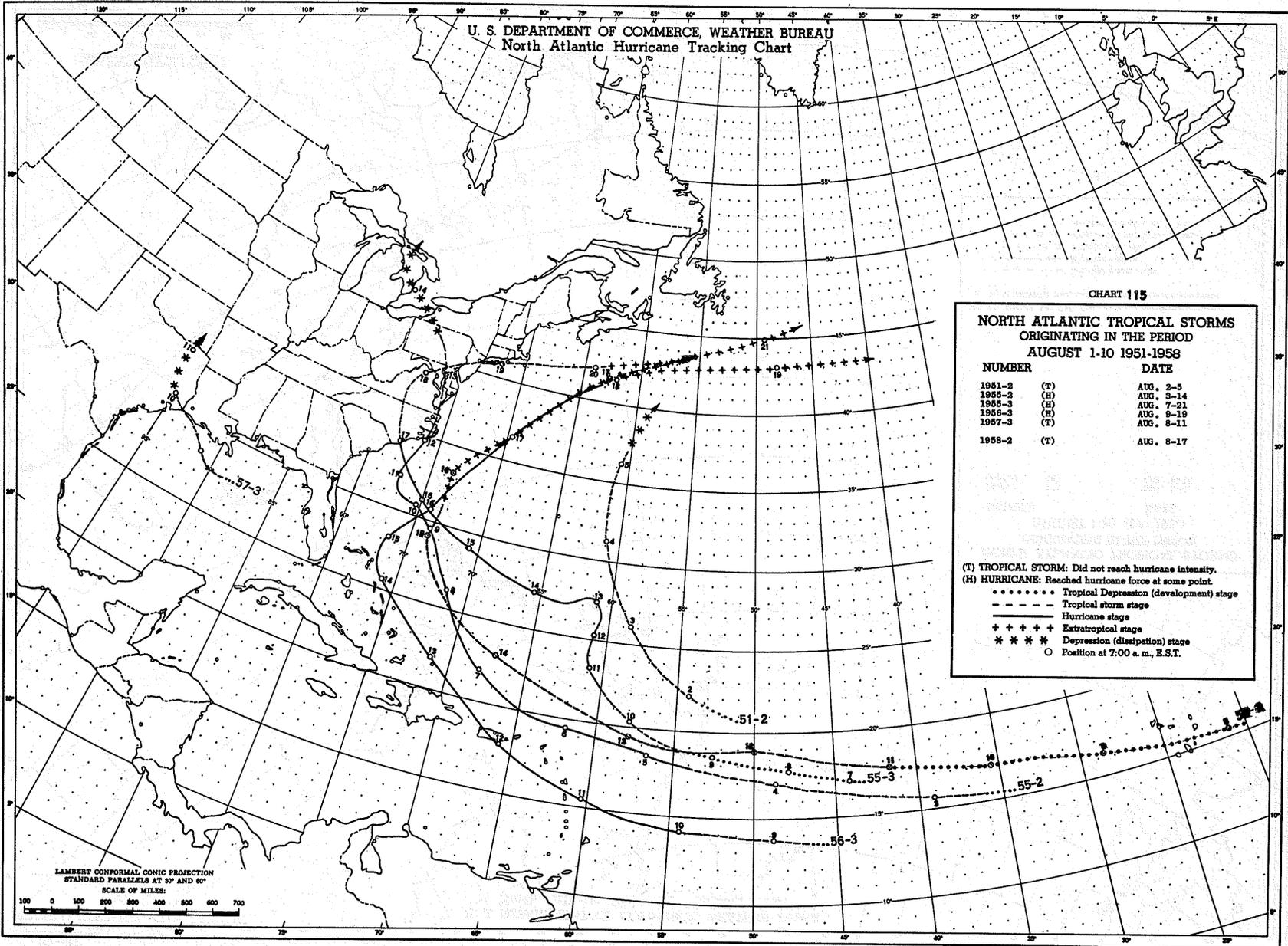
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 1-10 1951-1958

NUMBER	DATE
1951-2 (T)	AUG. 2-5
1955-2 (H)	AUG. 3-14
1955-3 (H)	AUG. 7-21
1956-3 (H)	AUG. 8-19
1957-3 (T)	AUG. 8-11
1958-2 (T)	AUG. 8-17

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - - - - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a. m. E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 116

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 11-20 1886-1890

NUMBER	DATE
1886-5 (H)	AUG. 12-20
1886-6 (H)	AUG. 16-27
1887-4 (H)	AUG. 16-28
1887-5 (H)	AUG. 19-31
1888-3 (H)	AUG. 14-24
1889-3 (H)	AUG. 19-27

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 117

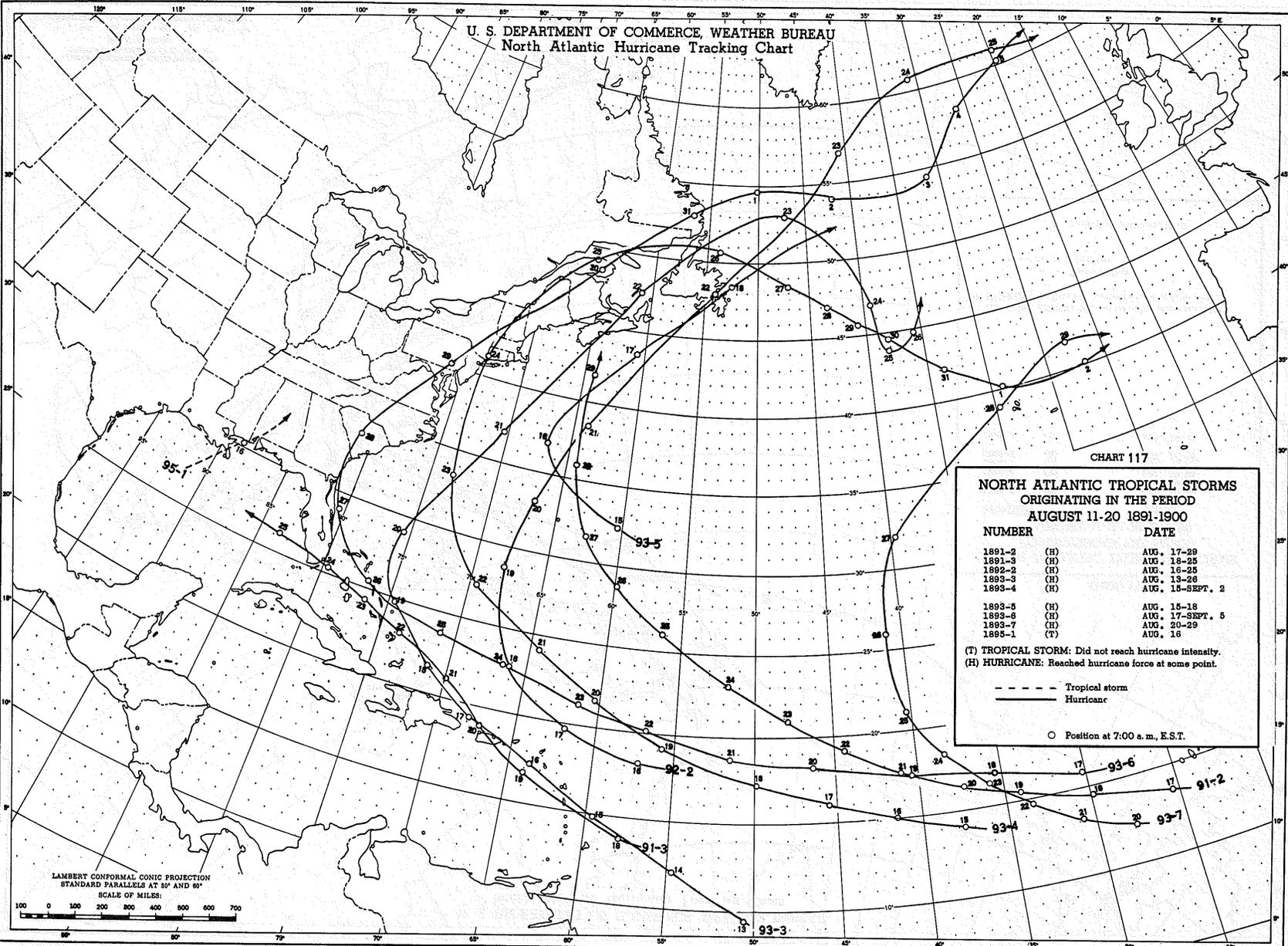
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 11-20 1891-1900**

NUMBER	DATE
1891-2 (H)	AUG. 17-28
1891-3 (H)	AUG. 18-25
1892-2 (H)	AUG. 16-25
1893-3 (H)	AUG. 13-26
1893-4 (H)	AUG. 15-SEPT. 2
1893-5 (H)	AUG. 15-18
1893-6 (H)	AUG. 17-SEPT. 5
1893-7 (H)	AUG. 20-29
1895-1 (T)	AUG. 18

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 118

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 11-20 1911-1920

NUMBER	DATE
1916-4 (H)	AUG. 12-19

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

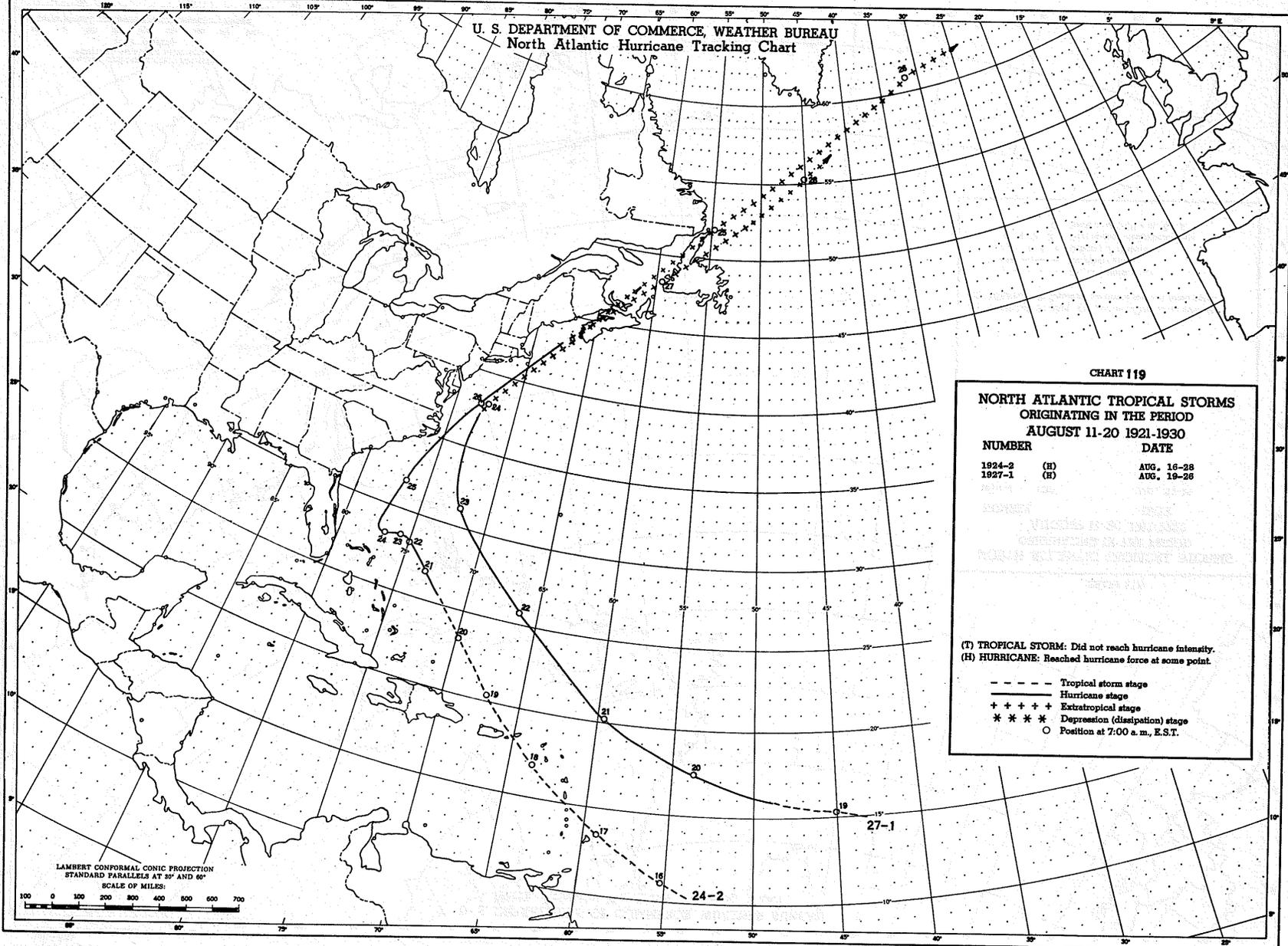


CHART 119

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 11-20 1921-1930**

NUMBER	DATE
1924-2 (H)	AUG. 16-28
1927-1 (H)	AUG. 19-26

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 120

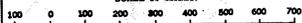
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 11-20 1931-1940

NUMBER		DATE
1931-4	(T)	AUG. 18-20
1932-2	(H)	AUG. 11-14
1933-6	(T)	AUG. 12-20
1933-7	(T)	AUG. 18-21
1933-8	(H)	AUG. 17-26
1934-4	(T)	AUG. 20-22
1935-1	(H)	AUG. 18-26
1936-8	(H)	AUG. 15-19
1936-9	(T)	AUG. 20-22

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
 --- Hurricane stage
 + + + + Extratropical stage
 * * * * Depression (dissipation) stage
 O Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

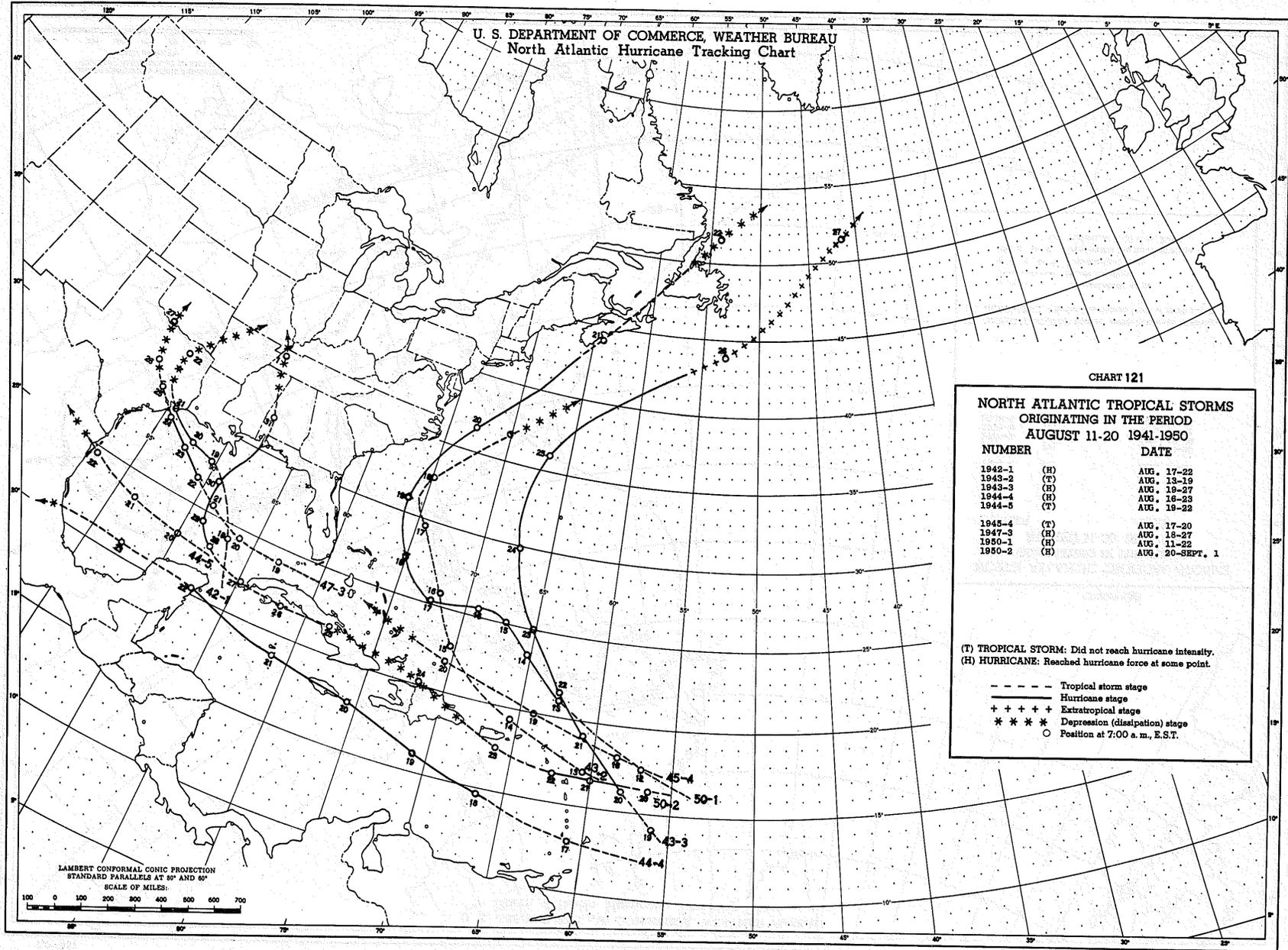


CHART 121

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 11-20 1941-1950

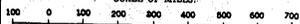
NUMBER		DATE
1942-1	(H)	AUG. 17-22
1943-2	(T)	AUG. 13-19
1943-3	(H)	AUG. 19-27
1944-4	(H)	AUG. 16-23
1944-5	(T)	AUG. 19-22
1945-4	(T)	AUG. 17-20
1947-3	(H)	AUG. 18-27
1950-1	(H)	AUG. 11-22
1950-2	(H)	AUG. 20-SEPT. 1

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m. E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 122

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 11-20 1951-1958

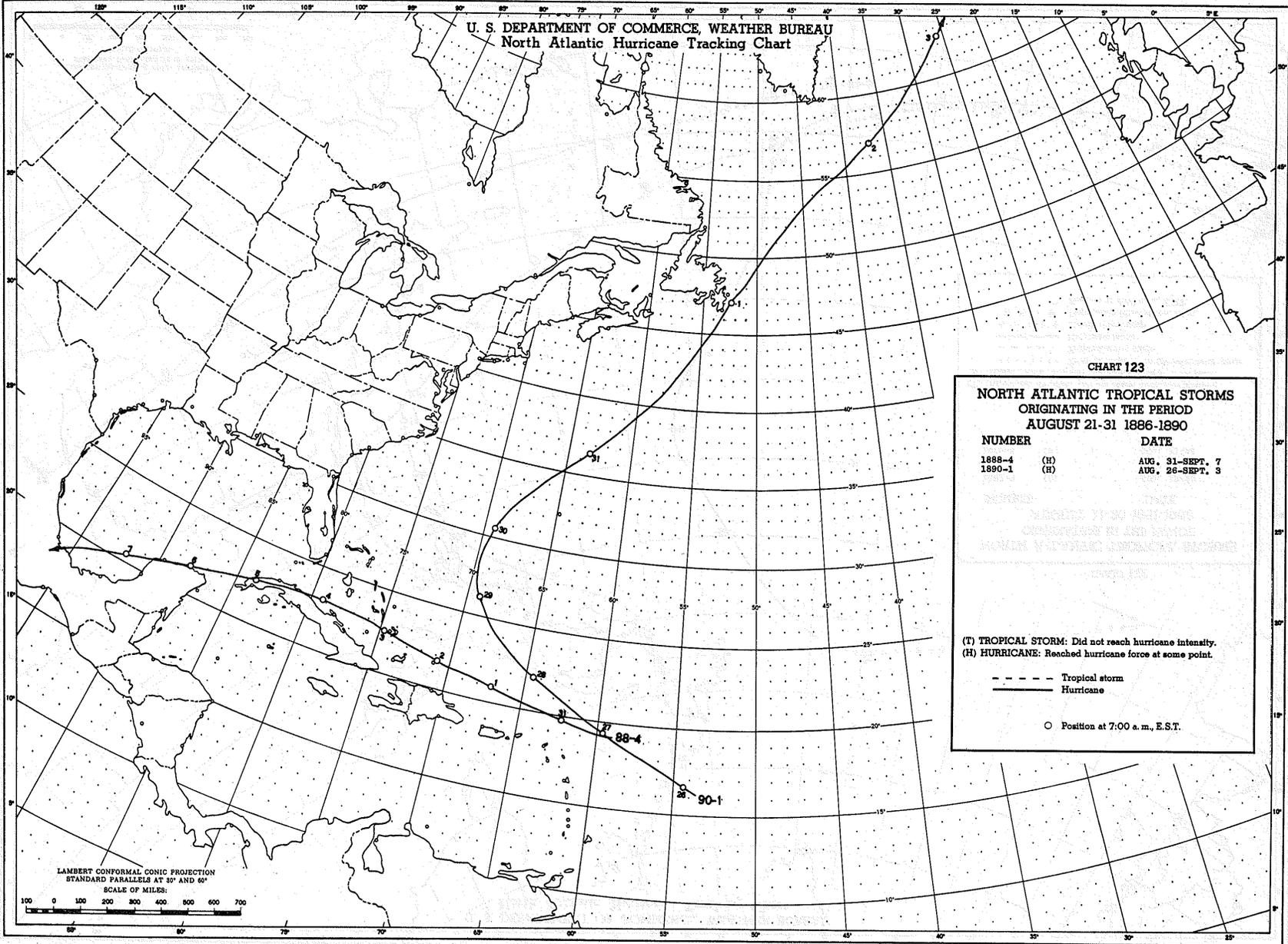
NUMBER	DATE
1951-3 (H)	AUG. 12-23
1952-2 (H)	AUG. 15-SEPT. 2
1953-2 (H)	AUG. 11-16
1958-3 (H)	AUG. 11-21

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - ++++ Extratropical stage
 - **** Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 124

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 21-31 1891-1900

NUMBER	DATE
1894-2 (T)	AUG. 30-SEPT. 9
1895-2 (H)	AUG. 22-29
1896-2 (H)	AUG. 30-SEPT. 11
1897-1 (H)	AUG. 31-SEPT. 10
1898-2 (H)	AUG. 30-SEPT. 1
1899-3 (H)	AUG. 29-SEPT. 8
1900-1 (H)	AUG. 27-SEPT. 15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + Extratropical stage
- * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

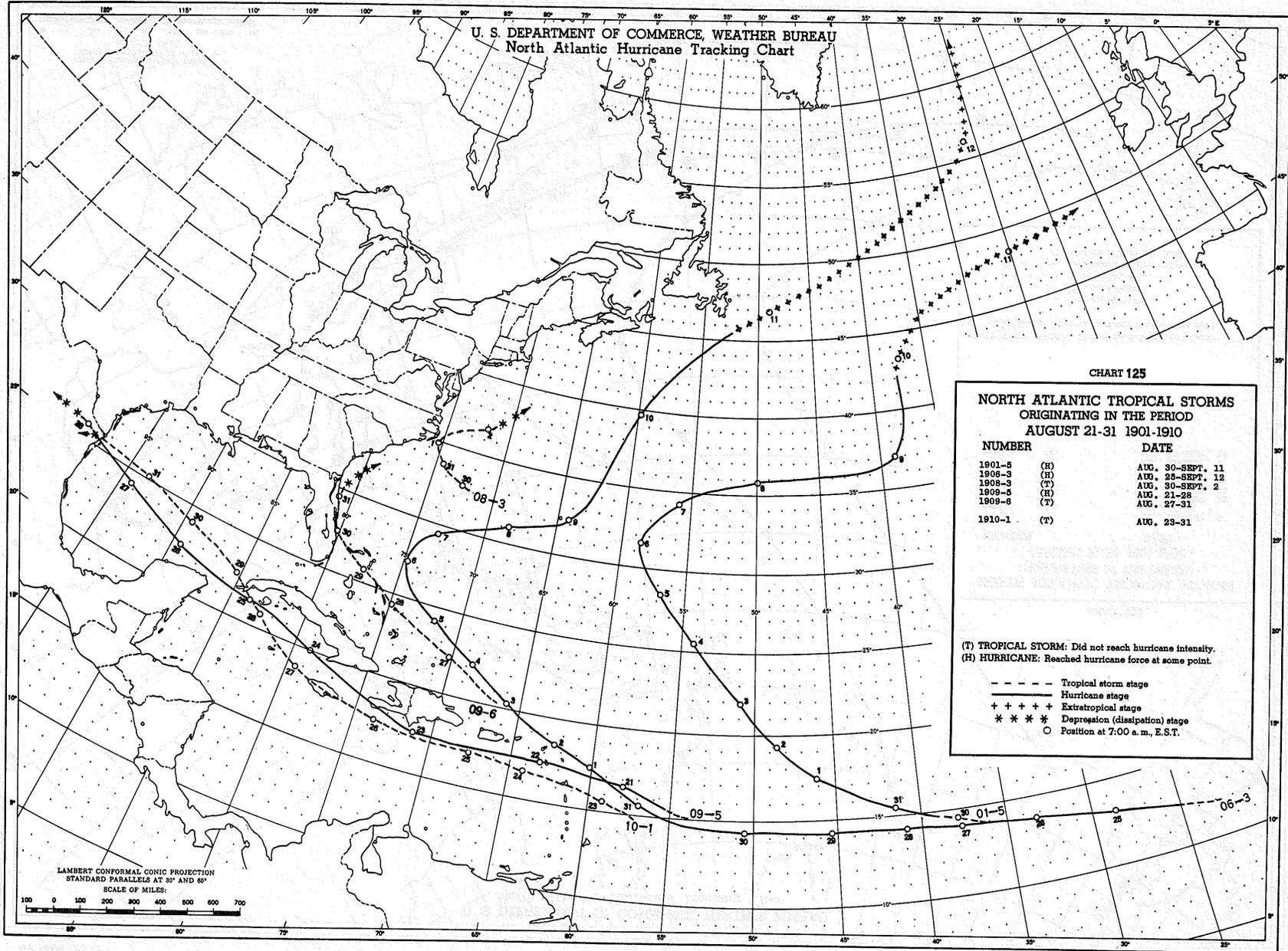


CHART 125

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 21-31 1901-1910

NUMBER		DATE
1901-5	(H)	AUG. 30-SEPT. 11
1908-3	(H)	AUG. 28-SEPT. 12
1908-9	(T)	AUG. 30-SEPT. 2
1909-3	(H)	AUG. 21-25
1909-6	(T)	AUG. 27-31
1910-1	(T)	AUG. 28-31

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 126

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 21-31 1911-1920

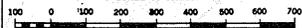
NUMBER		DATE
1911-2	(H)	AUG. 24-29
1913-2	(H)	AUG. 30-SEPT. 4
1915-3	(H)	AUG. 28-SEPT. 10
1916-5	(H)	AUG. 21-25
1916-6	(H)	AUG. 27-SEPT. 1
1917-2	(H)	AUG. 30-SEPT. 6
1918-2	(H)	AUG. 22-23
1918-3	(T)	AUG. 23-25

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

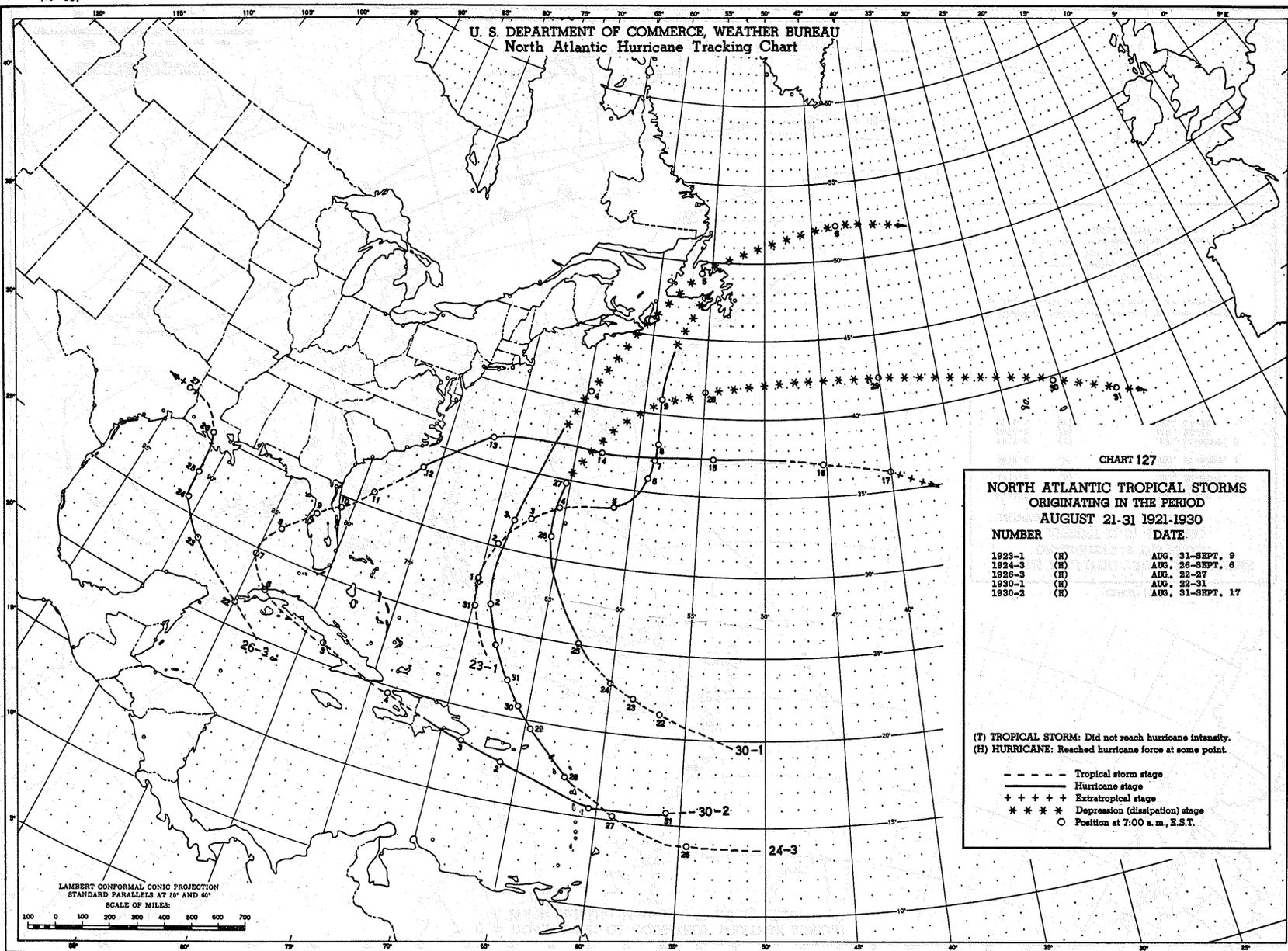


CHART 127

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 21-31 1921-1930**

NUMBER	DATE
1923-1 (H)	AUG. 31-SEPT. 9
1924-3 (H)	AUG. 26-SEPT. 6
1926-3 (H)	AUG. 22-27
1930-1 (H)	AUG. 22-31
1930-2 (H)	AUG. 31-SEPT. 17

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 128

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 21-31 1931-1940

NUMBER		DATE
1932-3	(H)	AUG. 26-SEPT. 3
1932-4	(H)	AUG. 30-SEPT. 13
1933-9	(T)	AUG. 24-31
1933-10	(T)	AUG. 26-28
1933-11	(H)	AUG. 28-SEPT. 5
1933-12	(H)	AUG. 31-SEPT. 7
1934-5	(H)	AUG. 26-SEPT. 1
1935-2	(H)	AUG. 29-SEPT. 10
1935-3	(T)	AUG. 30-SEPT. 1
1936-10	(H)	AUG. 28-30
1936-11	(H)	AUG. 28-SEPT. 6
1937-3	(T)	AUG. 24-SEPT. 2
1938-3	(H)	AUG. 23-28
1940-4	(H)	AUG. 30-SEPT. 3

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
 --- Hurricane stage
 + + + + Extratropical stage
 * * * * Depression (dissipation) stage
 O Position at 7:00 a. m. E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 129

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 21-31 1941-1950**

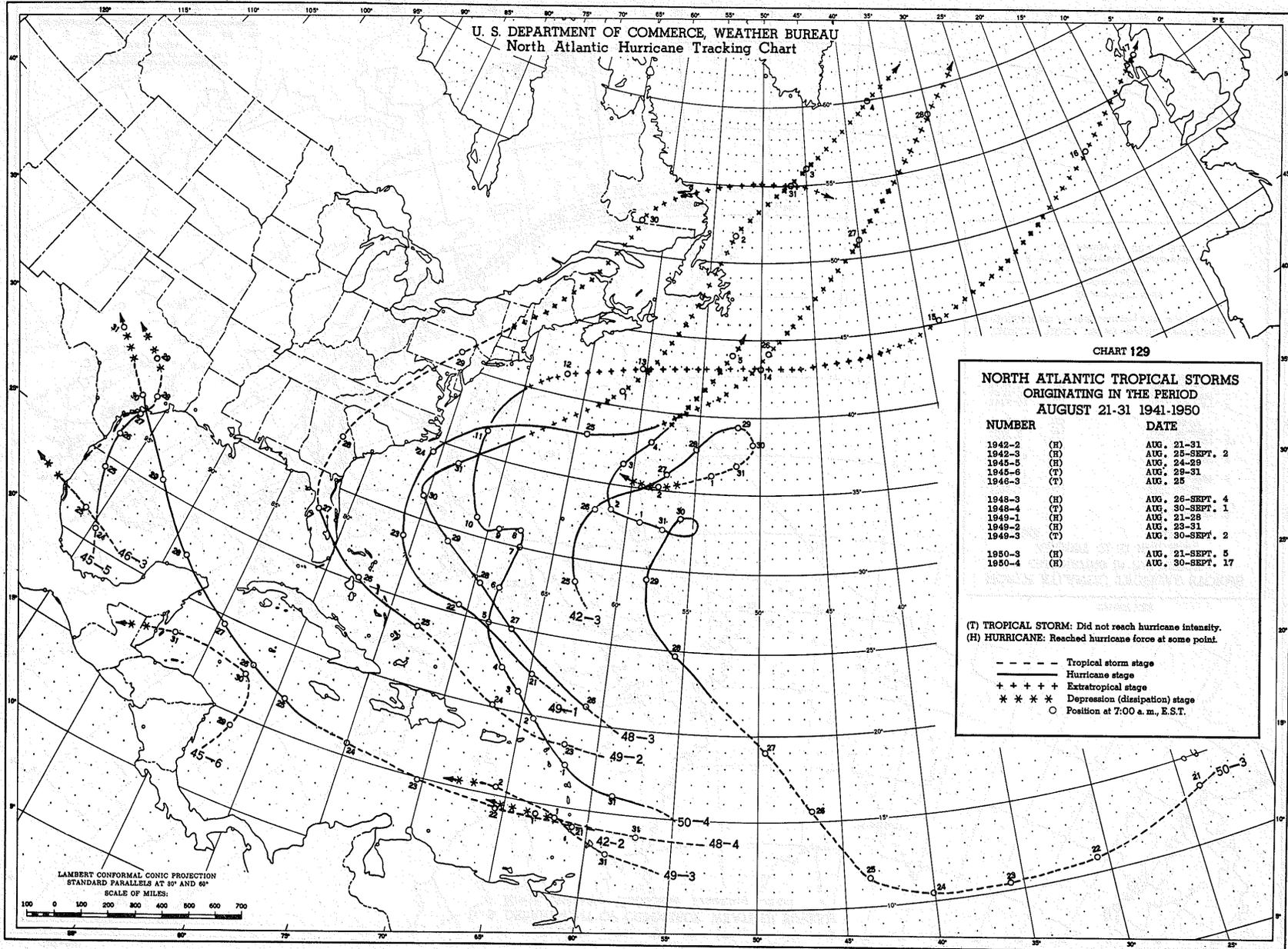
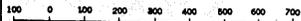
NUMBER	DATE
1942-2 (H)	AUG. 21-31
1942-3 (H)	AUG. 26-SEPT. 2
1945-5 (H)	AUG. 24-29
1946-6 (T)	AUG. 29-31
1946-3 (T)	AUG. 25
1948-3 (H)	AUG. 26-SEPT. 4
1948-4 (T)	AUG. 30-SEPT. 1
1949-1 (H)	AUG. 21-28
1949-2 (H)	AUG. 23-31
1949-3 (T)	AUG. 30-SEPT. 2
1950-3 (H)	AUG. 21-SEPT. 5
1950-4 (H)	AUG. 30-SEPT. 17

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 130

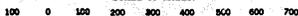
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
AUGUST 21-31 1951-1958

NUMBER		DATE
1951-4	(H)	AUG. 27-SEPT. 5
1952-3	(H)	AUG. 31-SEPT. 9
1953-3	(T)	AUG. 28-SEPT. 2
1953-4	(H)	AUG. 28-SEPT. 9
1954-3	(H)	AUG. 25-31
1954-4	(H)	AUG. 31-SEPT. 4
1955-4	(H)	AUG. 21-SEPT. 3
1955-5	(T)	AUG. 23-29
1956-4	(H)	AUG. 24-31
1956-5	(H)	AUG. 30-SEPT. 6

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

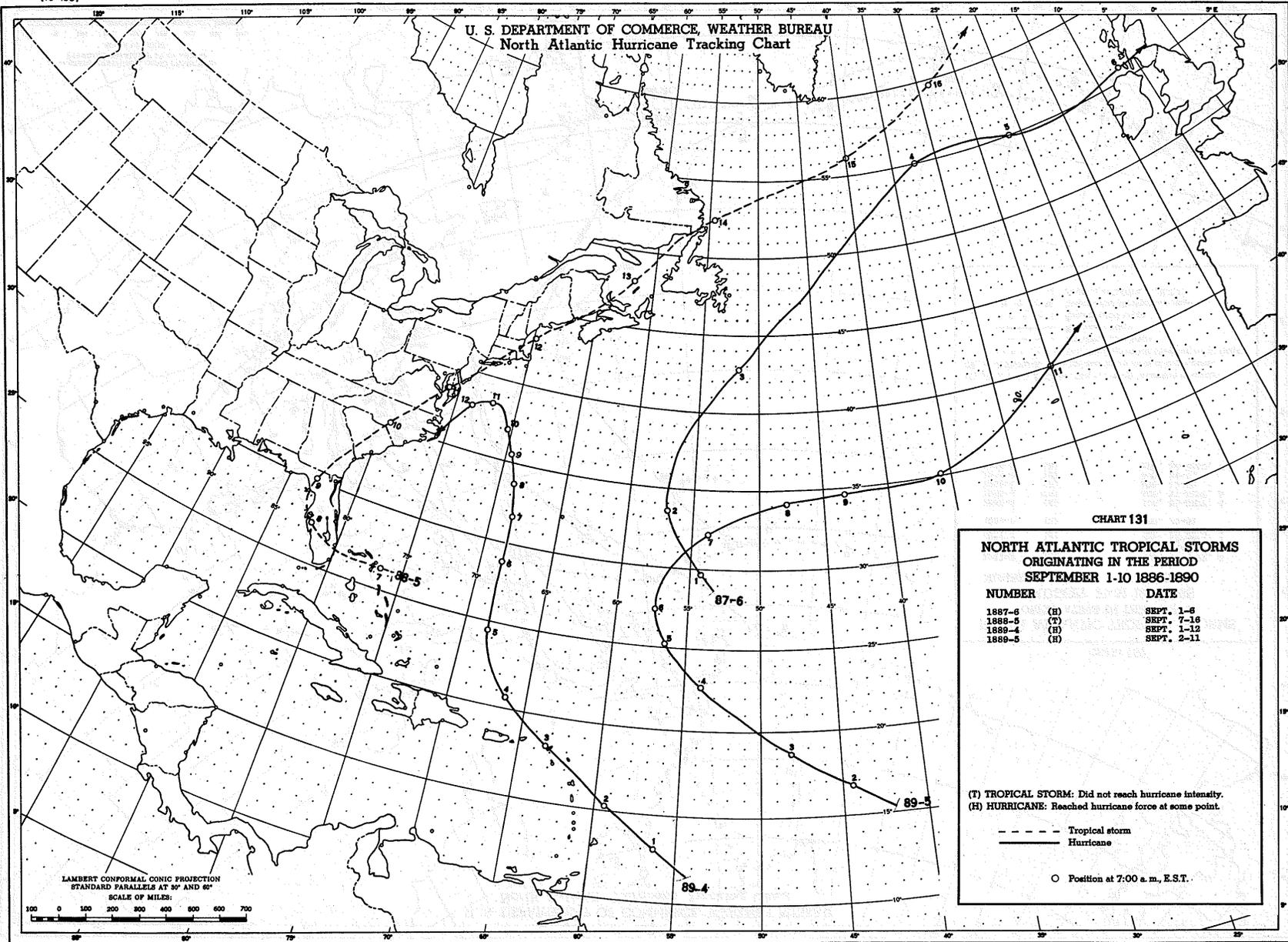


CHART 131

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 1-10 1886-1890**

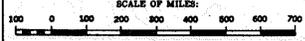
NUMBER	DATE
1887-6 (H)	SEPT. 1-6
1888-5 (T)	SEPT. 7-16
1889-4 (S)	SEPT. 1-12
1889-5 (H)	SEPT. 2-11

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 132

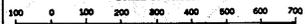
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 1-10 1891-1900**

NUMBER		DATE
1891-4	(H)	SEPT. 2-10
1892-3	(H)	SEPT. 3-17
1892-4	(T)	SEPT. 9-17
1893-6	(H)	SEPT. 6-10
1897-2	(H)	SEPT. 10-13
1898-3	(H)	SEPT. 5-20
1899-4	(H)	SEPT. 3-15
1900-2	(H)	SEPT. 9-23
1900-3	(T)	SEPT. 10-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 133

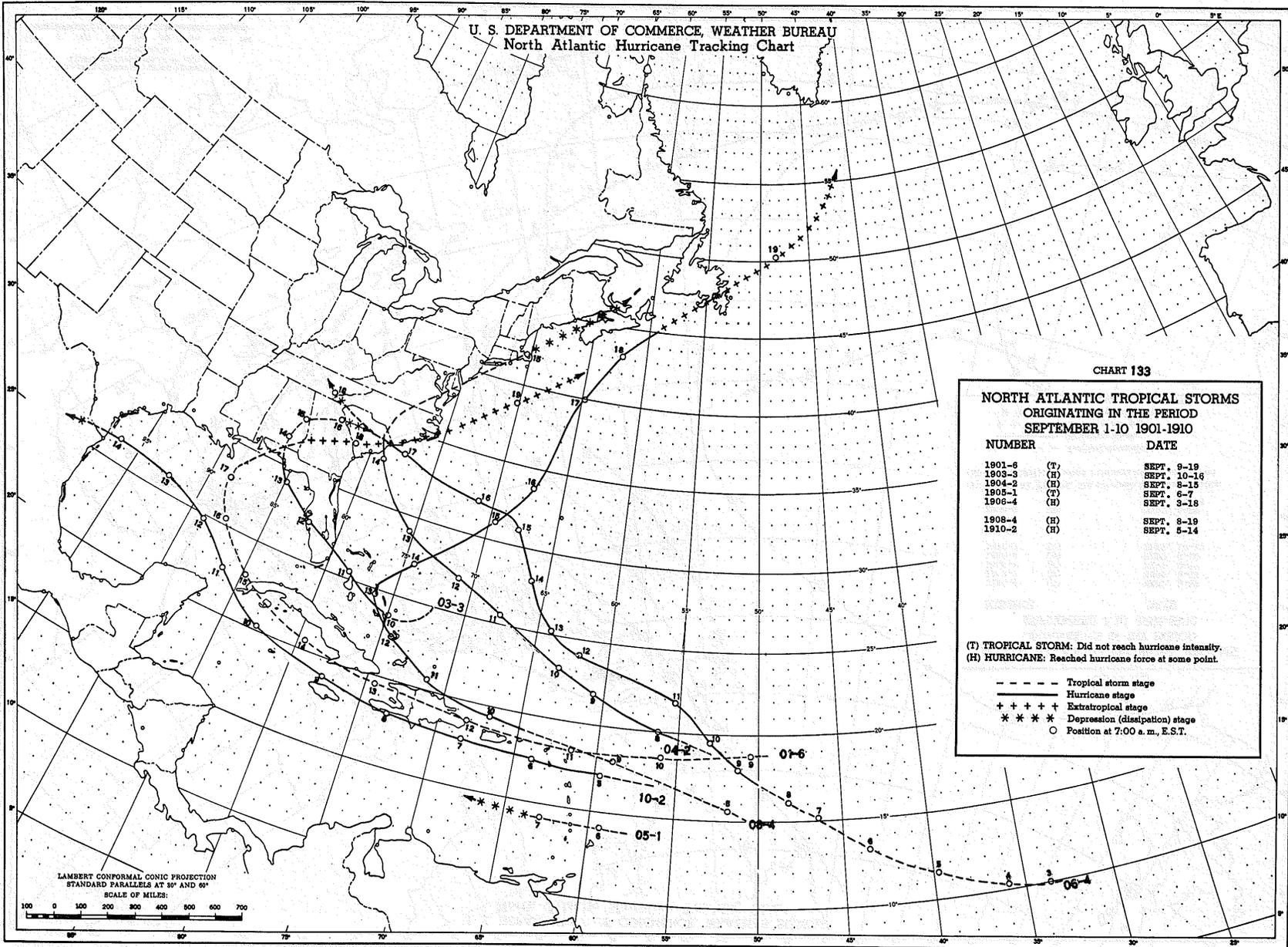
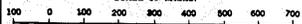
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 1-10 1901-1910**

NUMBER	DATE
1901-6 (T)	SEPT. 9-19
1903-3 (H)	SEPT. 10-16
1904-2 (H)	SEPT. 8-15
1905-1 (T)	SEPT. 6-7
1908-4 (H)	SEPT. 3-18
1908-4 (H)	SEPT. 8-19
1910-2 (H)	SEPT. 5-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
— Hurricane stage
++++ Extratropical stage
**** Depression (dissipation) stage
○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 134

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 1-10 1911-1920

NUMBER	DATE
1911-3 (H)	SEPT. 3-12
1913-3 (H)	SEPT. 3-12
1915-4 (H)	SEPT. 1-6
1916-7 (T)	SEPT. 4-6
1916-8 (T)	SEPT. 9-14
1918-4 (H)	SEPT. 3-7
1918-5 (T)	SEPT. 9-14
1919-2 (H)	SEPT. 2-15
1920-1 (H)	SEPT. 7-16

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 36° AND 66°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 135

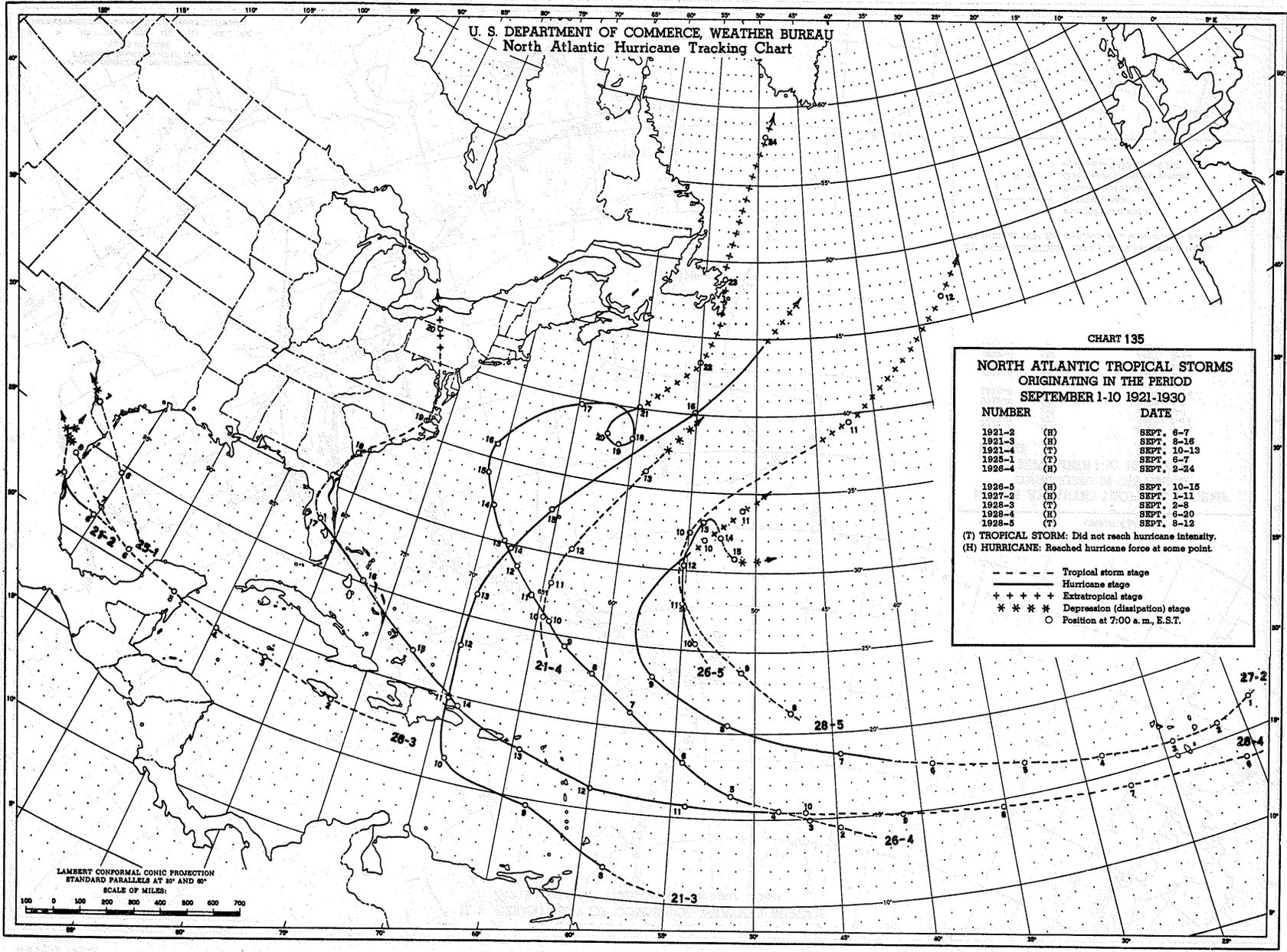
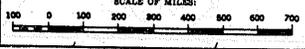
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 1-10 1921-1930

NUMBER		DATE
1921-2	(H)	SEPT. 6-7
1921-3	(H)	SEPT. 8-16
1921-4	(T)	SEPT. 10-13
1925-1	(T)	SEPT. 6-7
1926-4	(H)	SEPT. 2-24
1926-5	(H)	SEPT. 10-15
1927-2	(H)	SEPT. 1-11
1928-3	(T)	SEPT. 2-8
1928-4	(H)	SEPT. 6-20
1928-5	(T)	SEPT. 8-12

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 136

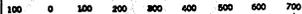
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 1-10 1931-1940**

NUMBER		DATE
1931-5	(H)	SEPT. 5-12
1931-6	(H)	SEPT. 8-16
1932-5	(T)	SEPT. 9-17
1933-13	(H)	SEPT. 8-21
1933-14	(H)	SEPT. 10-15
1934-6	(H)	SEPT. 5-9
1936-12	(T)	SEPT. 7
1936-13	(H)	SEPT. 8-25
1936-14	(T)	SEPT. 10-14
1937-4	(H)	SEPT. 6-14
1938-4	(H)	SEPT. 10-22
1940-5	(H)	SEPT. 10-19

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 137

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 1-10 1941-1950**

NUMBER	DATE
1943-4 (H)	SEPT. 1-9
1944-6 (T)	SEPT. 8-10
1944-7 (H)	SEPT. 9-16
1945-7 (T)	SEPT. 3-5
1945-8 (T)	SEPT. 9-12
1947-4 (H)	SEPT. 4-21
1947-5 (T)	SEPT. 7-8
1948-5 (H)	SEPT. 1-8
1948-6 (H)	SEPT. 4-16
1949-4 (H)	SEPT. 3-11
1949-5 (T)	SEPT. 3-5
1949-6 (T)	SEPT. 5-11
1950-5 (H)	SEPT. 1-9
1950-6 (H)	SEPT. 6-16

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

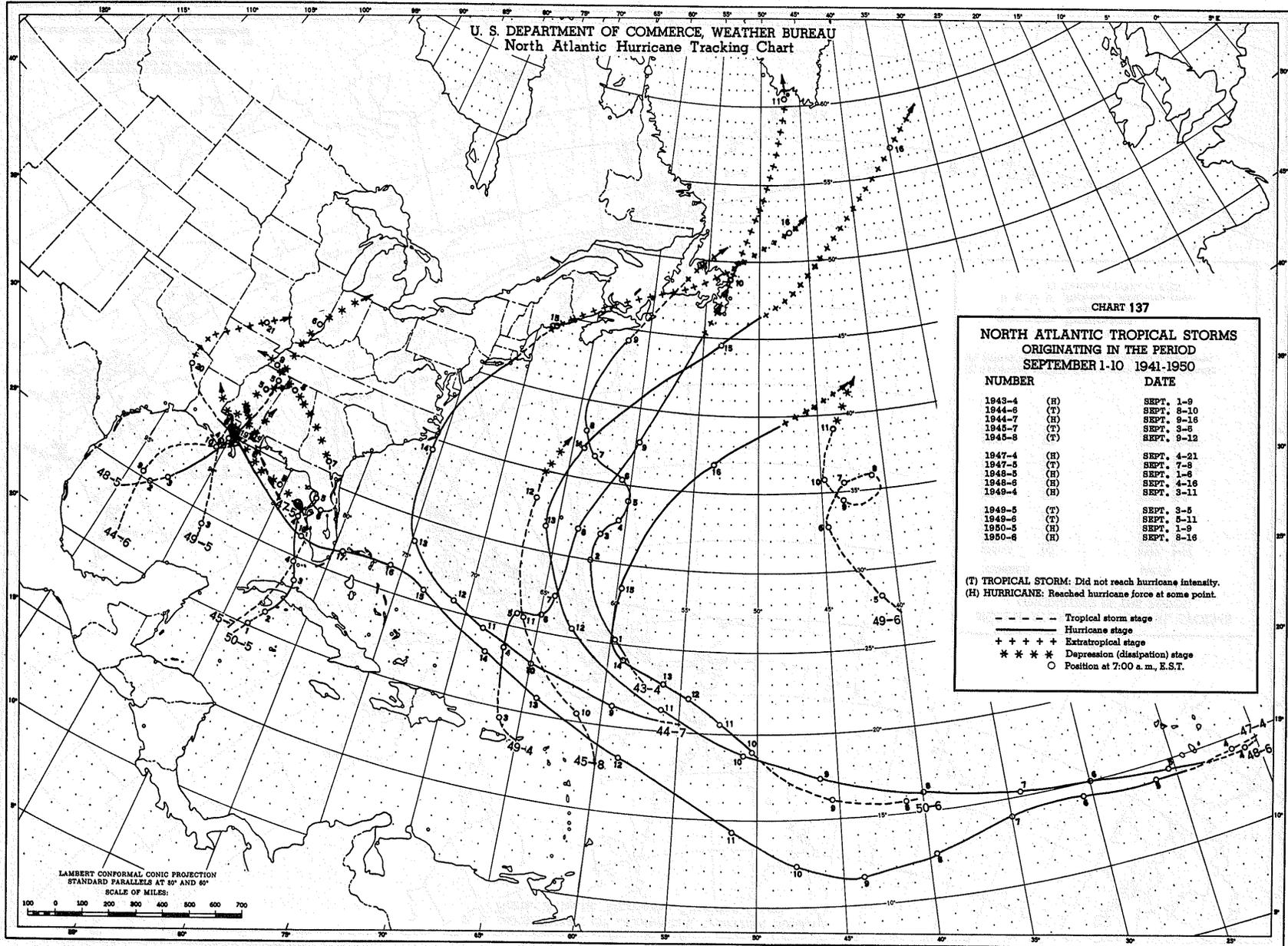


CHART 138

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

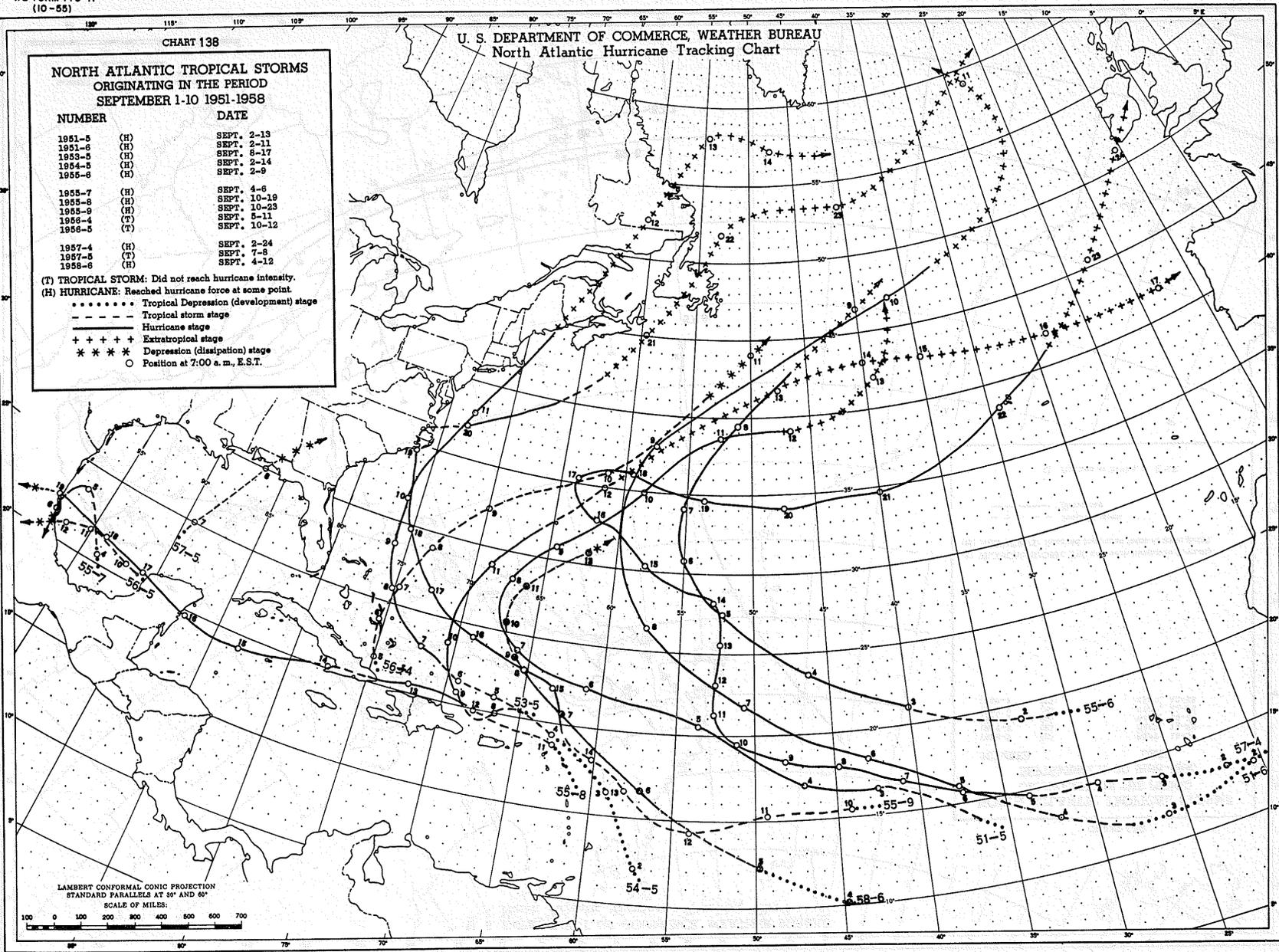
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 1-10 1951-1958**

NUMBER	DATE
1951-5	(H) SEPT. 2-13
1951-6	(H) SEPT. 2-11
1953-5	(H) SEPT. 8-17
1954-5	(H) SEPT. 2-14
1955-6	(H) SEPT. 2-9
1955-7	(H) SEPT. 4-6
1955-8	(H) SEPT. 10-19
1955-9	(H) SEPT. 10-23
1956-4	(T) SEPT. 5-11
1956-5	(T) SEPT. 10-12
1957-4	(H) SEPT. 2-24
1957-5	(T) SEPT. 7-8
1958-6	(H) SEPT. 4-12

(T) TROPICAL STORM: Did not reach hurricane intensity.

(H) HURRICANE: Reached hurricane force at some point.

- Tropical Depression (development) stage
- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 139

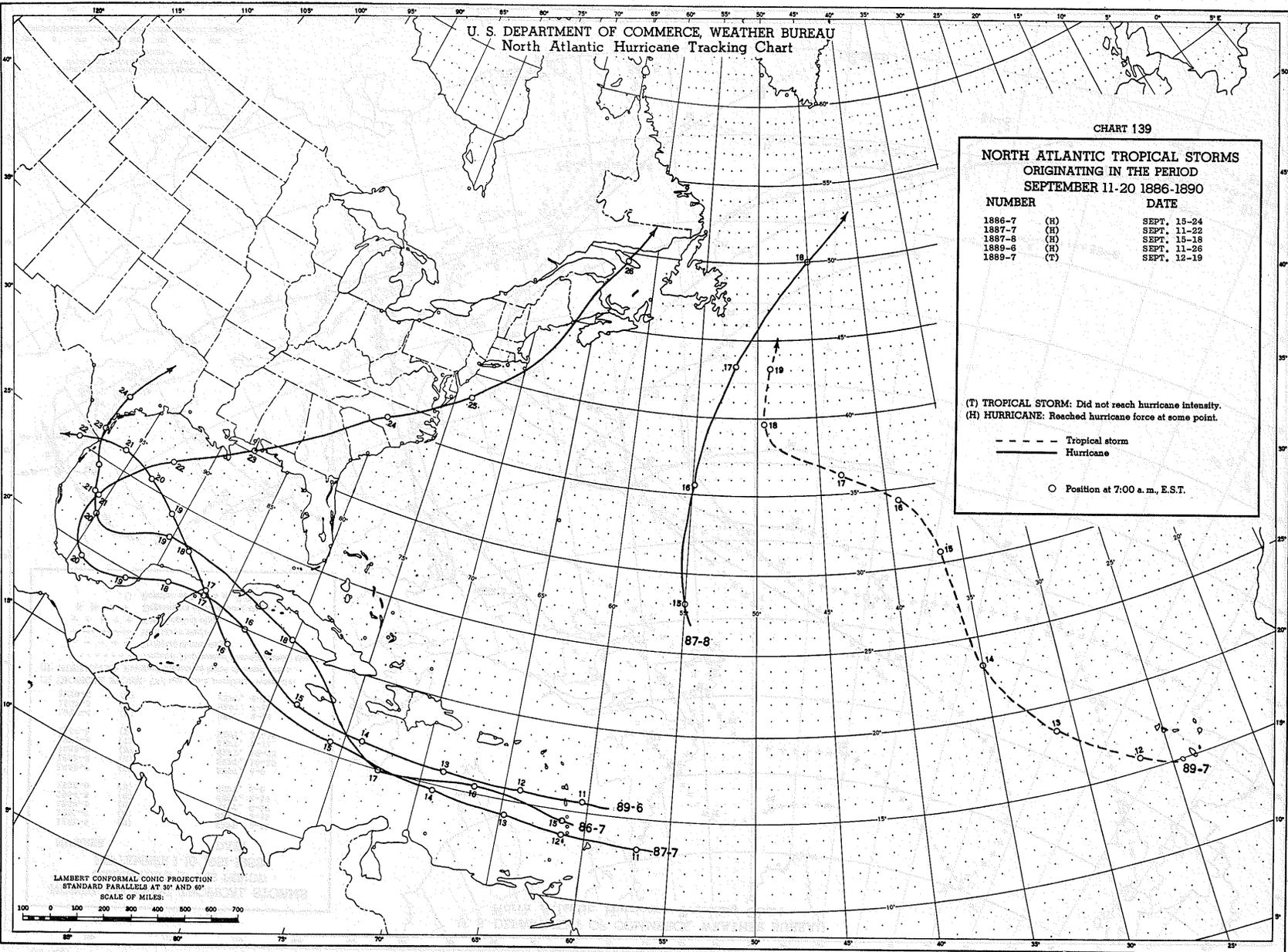
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 11-20 1886-1890**

NUMBER	DATE
1886-7	(H) SEPT. 15-24
1887-7	(H) SEPT. 11-22
1887-8	(H) SEPT. 15-18
1888-6	(H) SEPT. 11-26
1889-7	(T) SEPT. 12-19

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 140

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 11-20 1891-1900**

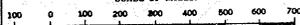
NUMBER	DATE
1891-5 (H)	SEPT. 16-OCT. 1
1892-5 (H)	SEPT. 13-23
1894-3 (H)	SEPT. 18-30
1896-3 (H)	SEPT. 18-28
1897-3 (T)	SEPT. 20-25
1898-4 (T)	SEPT. 12-25
1898-5 (T)	SEPT. 20-28
1898-6 (T)	SEPT. 20-28
1900-4 (H)	SEPT. 13-18

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
 — Hurricane stage
 + + + + Extratropical stage
 * * * * Depression (dissipation) stage
 O Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 35° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 141

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 11-20 1901-1910**

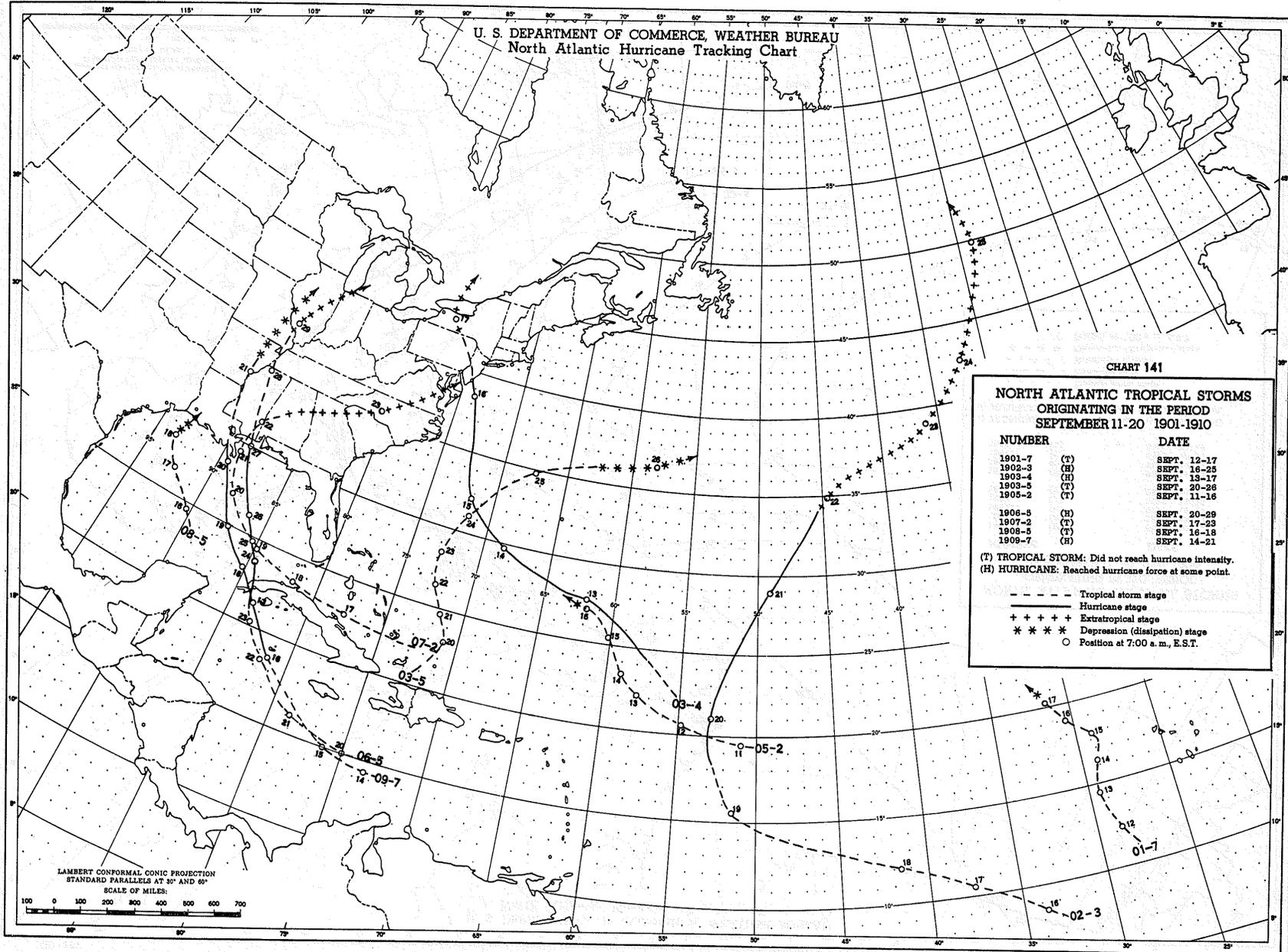
NUMBER	DATE
1901-7 (T)	SEPT. 12-17
1902-3 (H)	SEPT. 16-25
1903-4 (H)	SEPT. 13-17
1903-5 (T)	SEPT. 20-26
1905-2 (T)	SEPT. 11-16
1906-5 (H)	SEPT. 20-29
1907-2 (T)	SEPT. 17-23
1908-5 (T)	SEPT. 16-18
1909-7 (H)	SEPT. 14-21

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + Extratropical stage
- * * * Depression (distipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 142

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 11-20 1911-1920

NUMBER	DATE
1912-3 (H)	SEPT. 11-14
1914-1 (T)	SEPT. 14-19
1916-9 (H)	SEPT. 14-21
1916-10 (H)	SEPT. 17-24
1920-2 (H)	SEPT. 16-22

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depresson (dissipation) stage
- Position at 7:00 a. m., E. S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

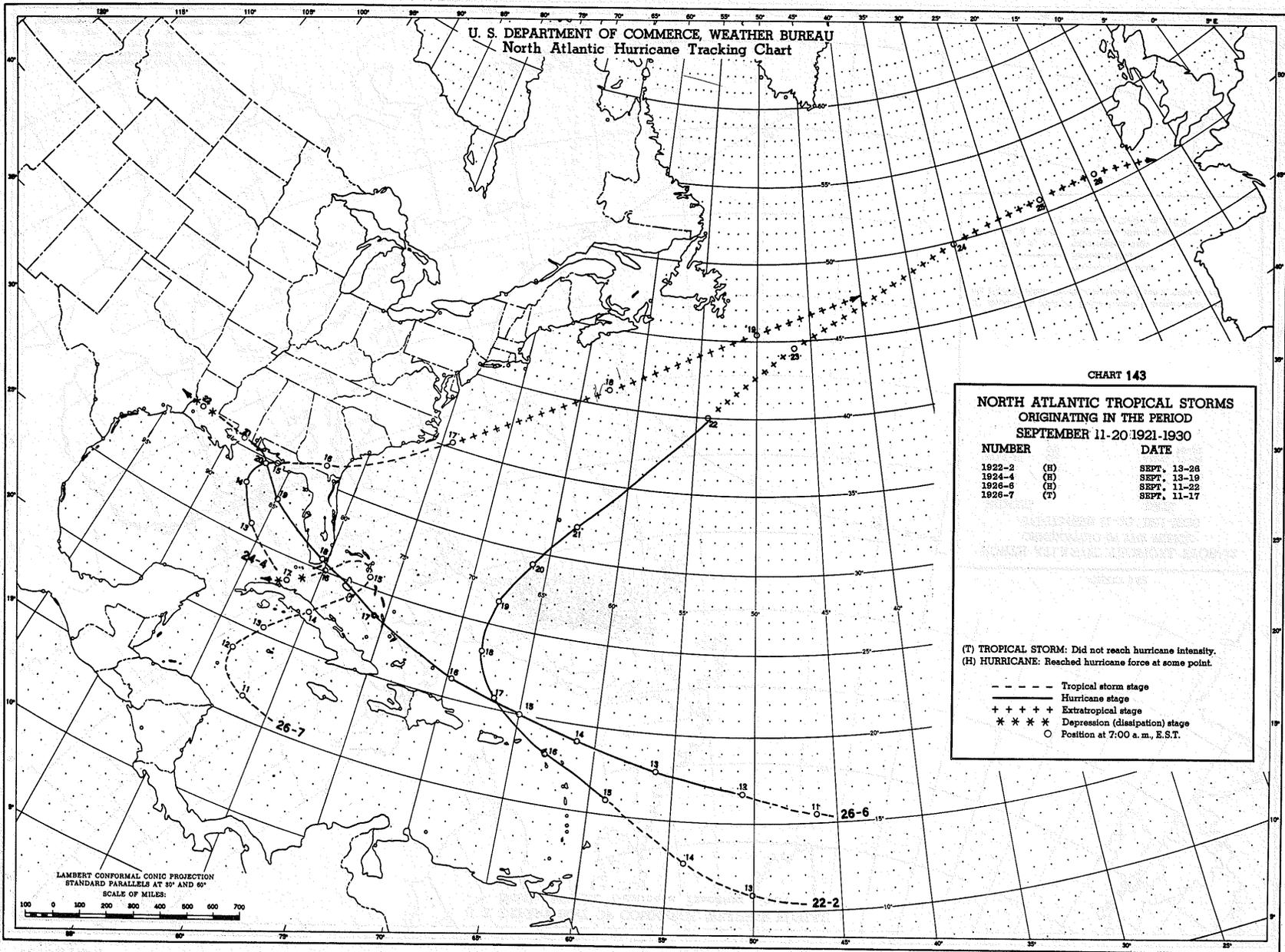


CHART 143

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 11-20 1921-1930

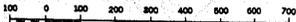
NUMBER	DATE
1922-2 (H)	SEPT. 13-28
1924-4 (H)	SEPT. 13-19
1926-6 (H)	SEPT. 11-22
1926-7 (T)	SEPT. 11-17

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- ***** Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 144

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 11-20 1931-1940

NUMBER		DATE
1932-6	(T)	SEPT. 18-21
1933-15	(H)	SEPT. 16-24
1934-7	(T)	SEPT. 16-21
1936-15	(H)	SEPT. 19-24
1937-5	(H)	SEPT. 13-19
1937-6	(T)	SEPT. 16-21
1937-7	(H)	SEPT. 20-28
1940-6	(T)	SEPT. 19-24

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
 --- Hurricane stage
 + + + + Extratropical stage
 * * * * Depression (dissipation) stage
 O Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 400 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

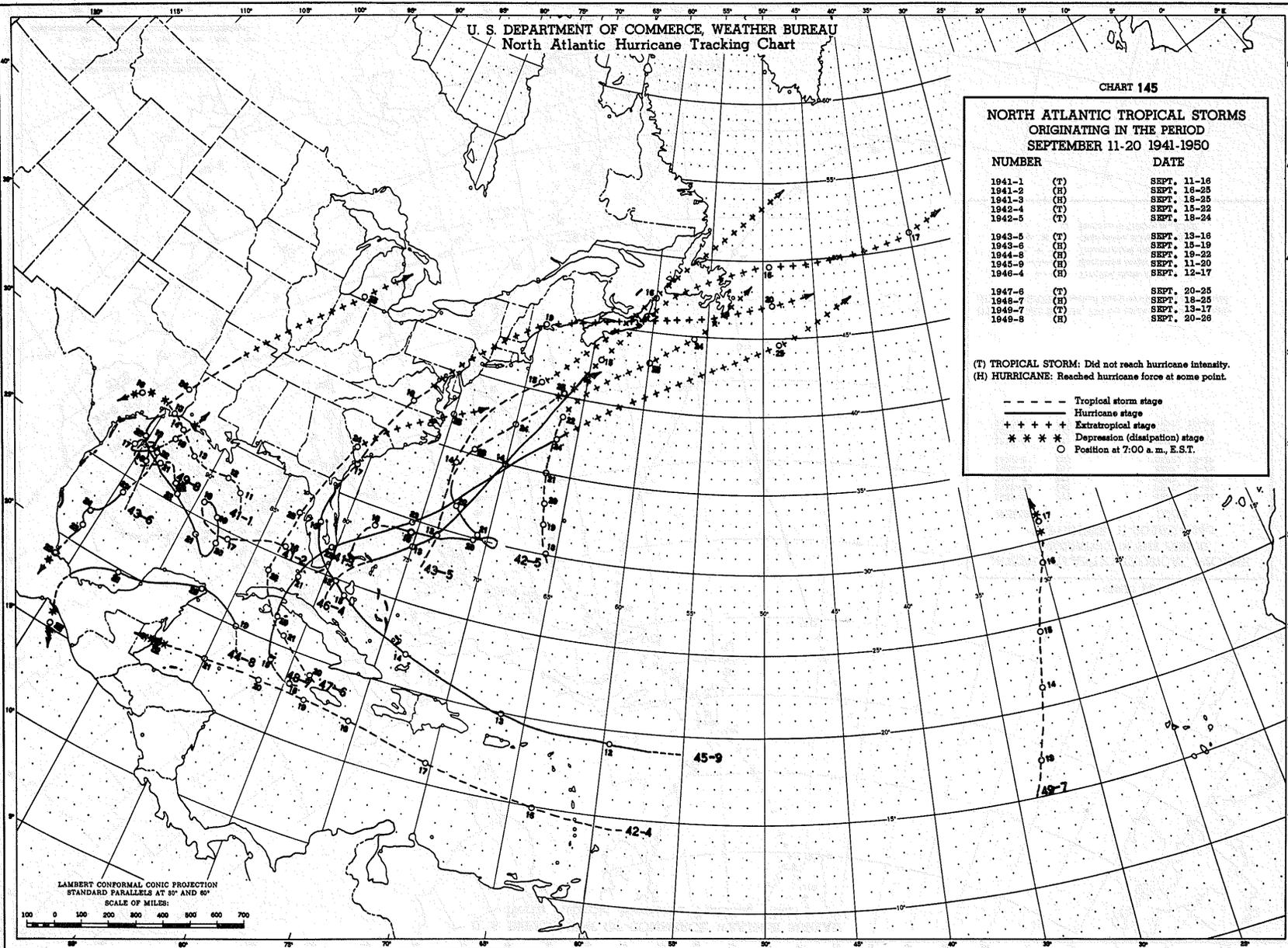
CHART 145

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 11-20 1941-1950

NUMBER	DATE
1941-1 (T)	SEPT. 11-16
1941-2 (H)	SEPT. 16-25
1941-3 (H)	SEPT. 18-25
1942-4 (T)	SEPT. 15-22
1942-5 (T)	SEPT. 18-24
1943-6 (T)	SEPT. 13-16
1943-8 (H)	SEPT. 18-19
1944-8 (H)	SEPT. 19-22
1945-9 (H)	SEPT. 11-20
1946-4 (H)	SEPT. 12-17
1947-6 (T)	SEPT. 20-25
1948-7 (H)	SEPT. 18-25
1949-7 (T)	SEPT. 13-17
1949-8 (H)	SEPT. 20-26

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

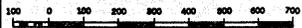
CHART 146

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 11-20 1951-1958

NUMBER		DATE
1951-7	(T)	SEPT. 20-21
1953-6	(H)	SEPT. 14-20
1953-7	(T)	SEPT. 14-20
1954-6	(H)	SEPT. 11-13
1956-6	(T)	SEPT. 11-13
1957-6	(T)	SEPT. 16-19
1957-7	(H)	SEPT. 20-27
1958-7	(T)	SEPT. 13-15

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - - - - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

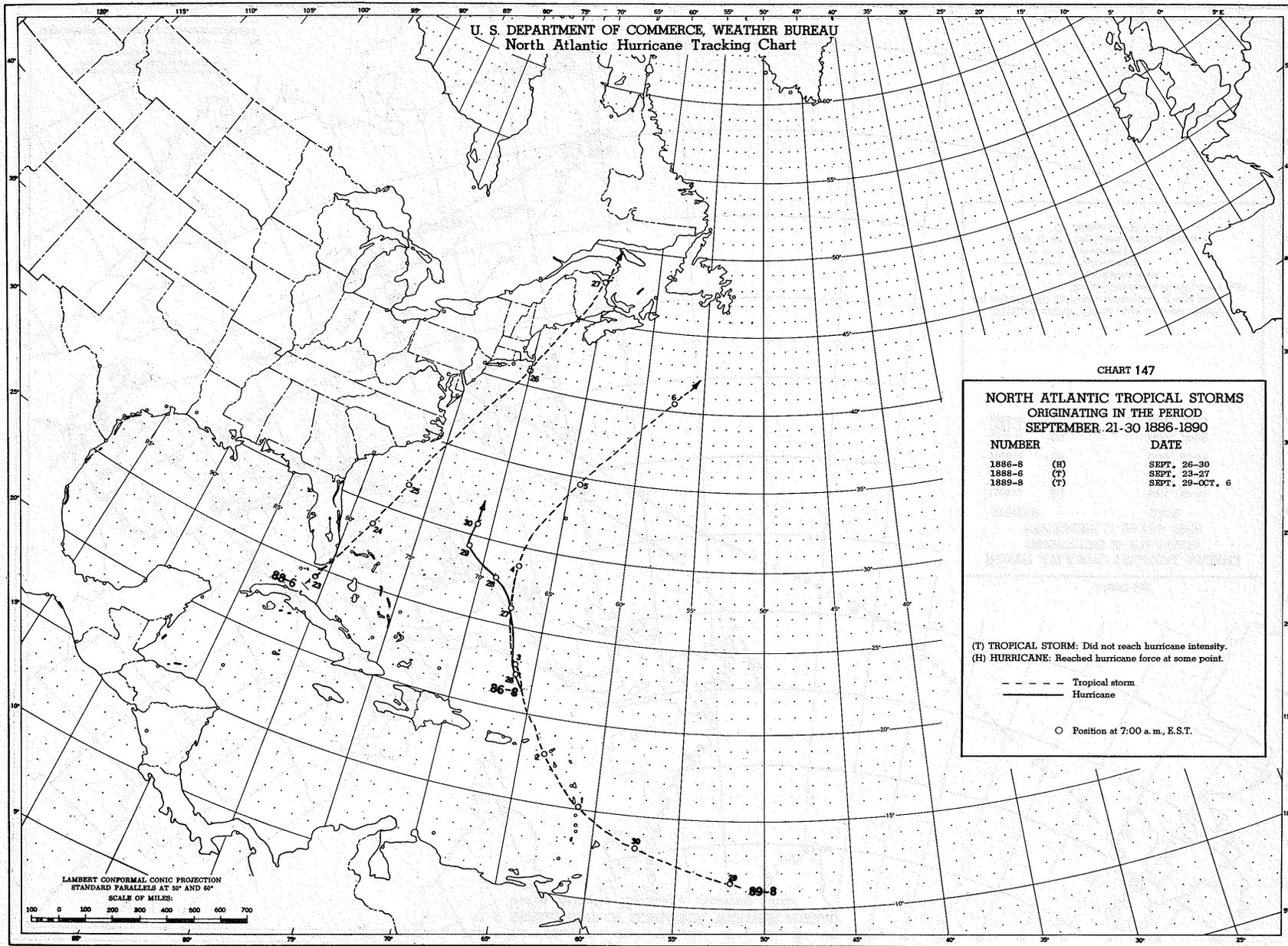


CHART 147

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 21-30 1886-1890**

NUMBER		DATE
1886-8	(H)	SEPT. 26-30
1888-6	(T)	SEPT. 23-27
1889-8	(T)	SEPT. 29-OCT. 6

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°
SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 148

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 21-30 1891-1900**

NUMBER		DATE
1891-6	(H)	SEPT. 29-OCT. 9
1892-6	(T)	SEPT. 25-27
1893-9	(H)	SEPT. 25-OCT. 15
1893-10	(H)	SEPT. 27-OCT. 5
1895-3	(T)	SEPT. 28-OCT. 15
1898-4	(H)	SEPT. 22-OCT. 1
1898-7	(H)	SEPT. 25-OCT. 6

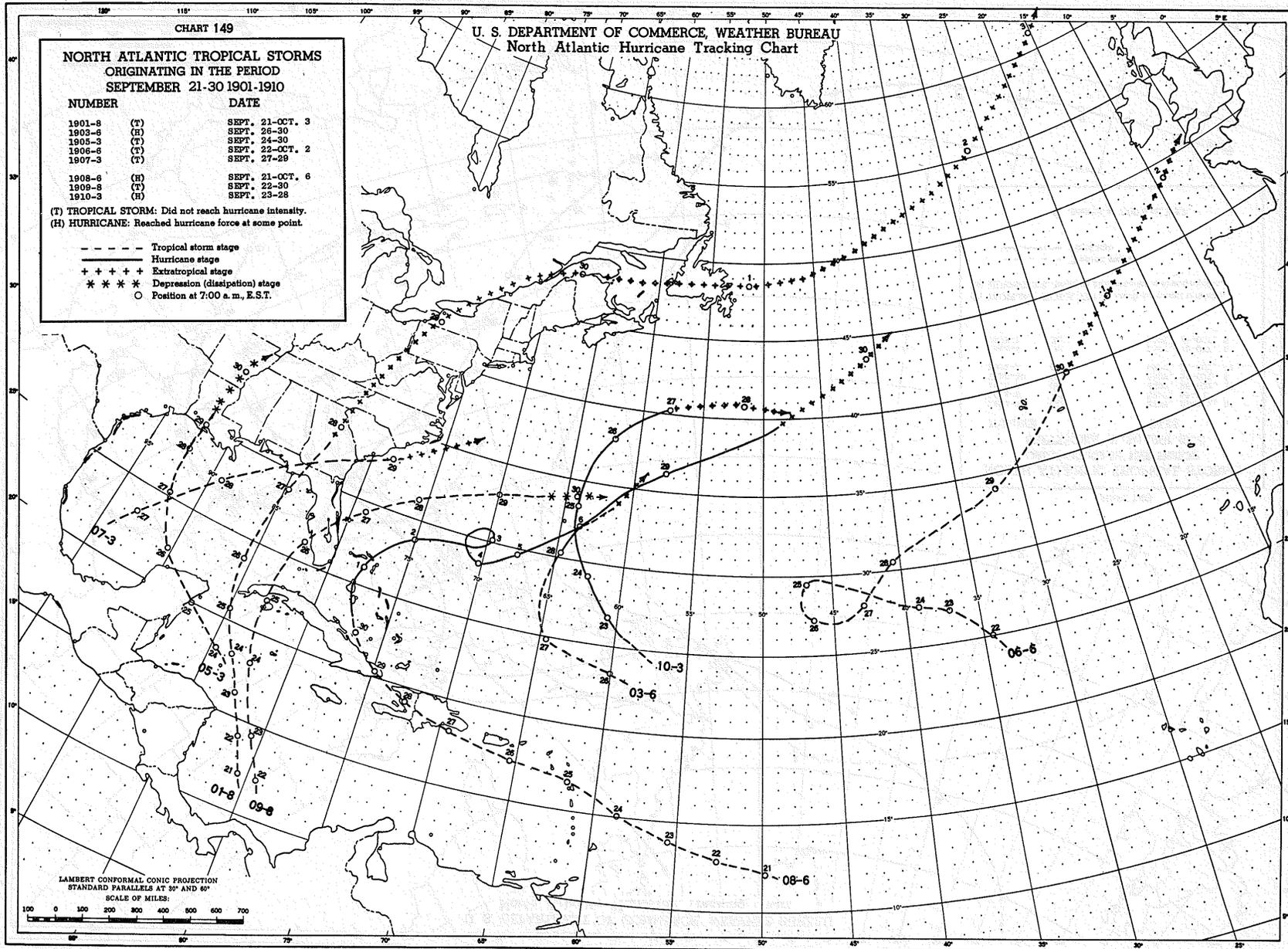
(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
—— Hurricane

○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 150

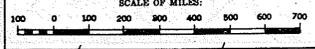
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 21-30 1911-1920

NUMBER	DATE
1915-5 (H)	SEPT. 22-OCT. 1
1917-3 (H)	SEPT. 21-29
1920-3 (H)	SEPT. 22-23
1920-4 (H)	SEPT. 25-30

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

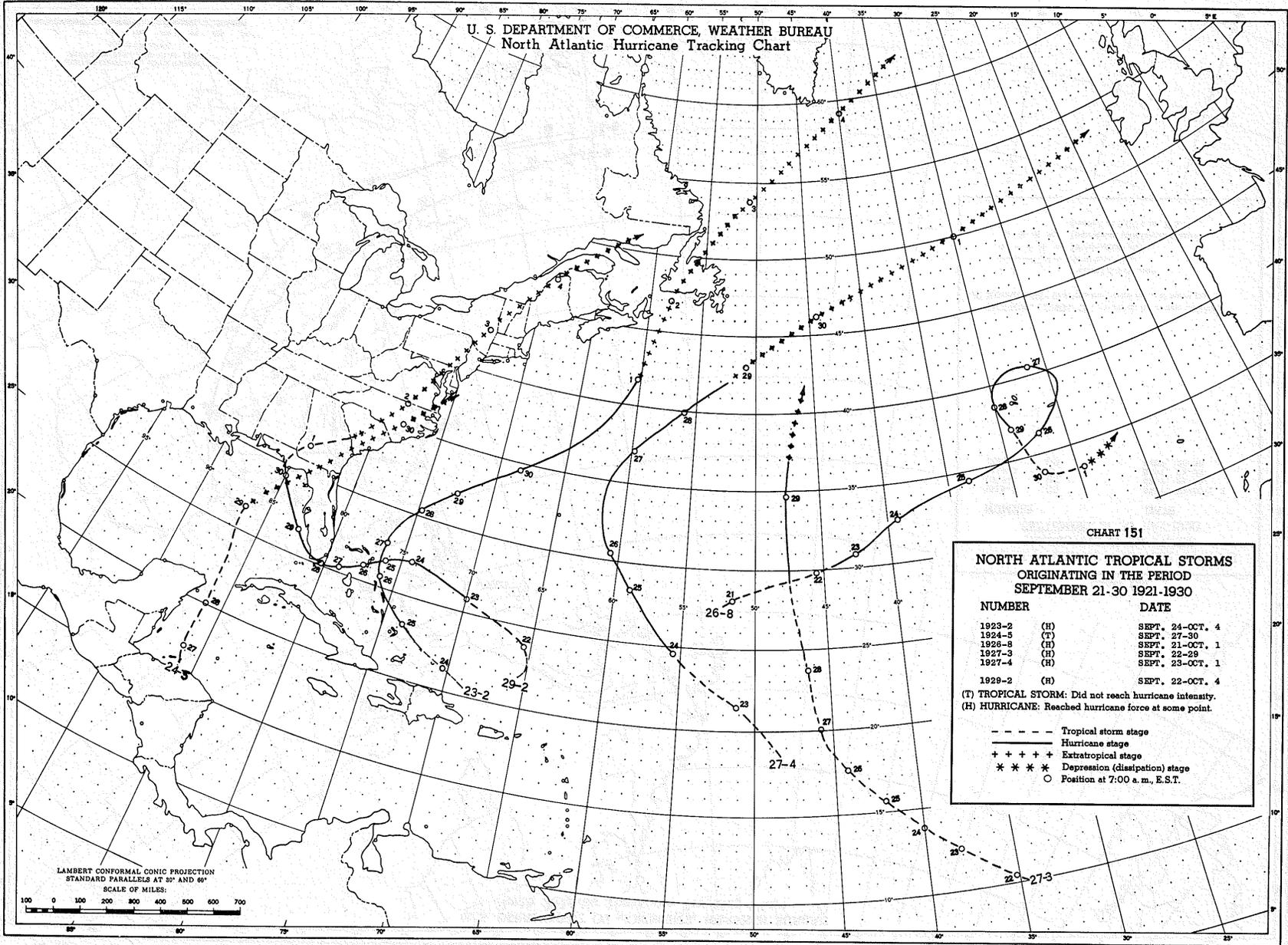


CHART 151

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 21-30 1921-1930**

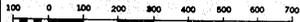
NUMBER	DATE
1923-2 (H)	SEPT. 24-OCT. 4
1924-5 (T)	SEPT. 27-30
1926-8 (H)	SEPT. 21-OCT. 1
1927-3 (H)	SEPT. 22-29
1927-4 (H)	SEPT. 23-OCT. 1
1929-2 (H)	SEPT. 22-OCT. 4

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m. E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 152

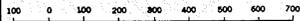
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 21-30 1931-1940

NUMBER	DATE
1931-7 (T)	SEPT. 25-27
1932-7 (H)	SEPT. 25-OCT. 3
1933-16 (T)	SEPT. 27-30
1933-17 (T)	SEPT. 28-30
1935-4 (H)	SEPT. 23-OCT. 2
1937-8 (T)	SEPT. 26-30
1937-9 (T)	SEPT. 28-OCT. 3
1939-3 (T)	SEPT. 23-26

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 153

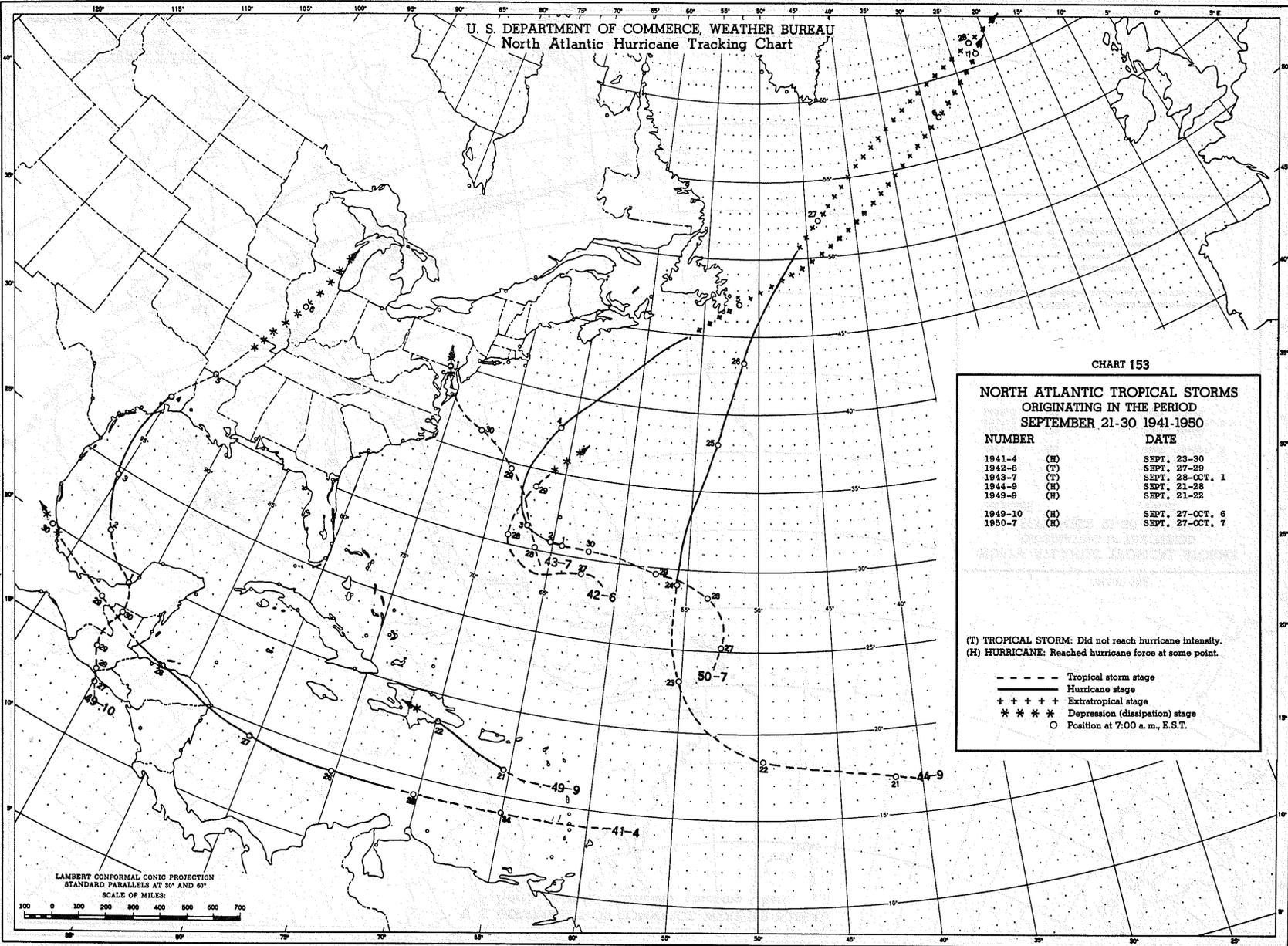
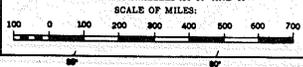
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 21-30 1941-1950

NUMBER	DATE
1941-4 (H)	SEPT. 23-30
1942-6 (T)	SEPT. 27-29
1943-7 (T)	SEPT. 23-OCT. 1
1944-9 (H)	SEPT. 21-23
1949-9 (H)	SEPT. 21-22
1949-10 (H)	SEPT. 27-OCT. 6
1950-7 (H)	SEPT. 27-OCT. 7

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 35° AND 65°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 154

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
SEPTEMBER 21-30 1951-1958

NUMBER		DATE
1951-8	(H)	SEPT. 28-OCT. 8
1952-4	(H)	SEPT. 22-OCT. 1
1952-5	(H)	SEPT. 25-28
1953-8	(H)	SEPT. 23-28
1954-7	(T)	SEPT. 24-27
1954-8	(H)	SEPT. 25-OCT. 6
1955-10	(H)	SEPT. 21-29
1956-7	(H)	SEPT. 21-30
1956-8	(H)	SEPT. 21-OCT. 3
1956-9	(H)	SEPT. 24-29

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - ++++ Extratropical stage
 - **** Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

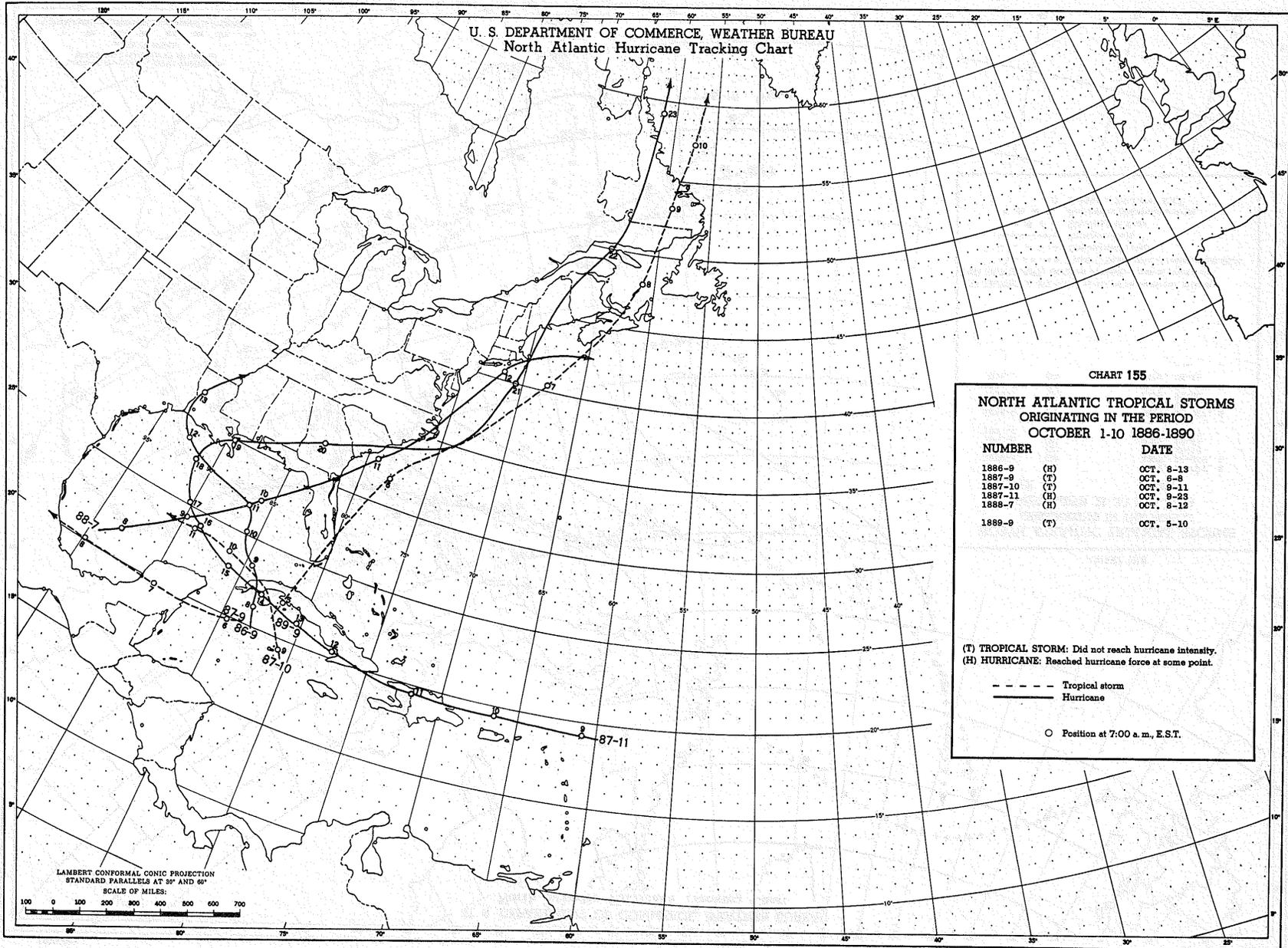


CHART 155

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1886-1890**

NUMBER		DATE
1886-9	(H)	OCT. 8-13
1887-9	(T)	OCT. 6-8
1887-10	(T)	OCT. 9-11
1887-11	(H)	OCT. 8-23
1888-7	(H)	OCT. 8-12
1889-9	(T)	OCT. 5-10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 156

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1891-1900**

NUMBER	DATE
1891-7 (T)	OCT. 1-10
1891-8 (T)	OCT. 6-11
1891-9 (H)	OCT. 8-22
1892-7 (H)	OCT. 6-15
1894-4 (H)	OCT. 1-12
1895-4 (T)	OCT. 2-7
1896-5 (H)	OCT. 7-16
1897-4 (T)	OCT. 10-26
1898-6 (T)	OCT. 2-22
1899-5 (T)	OCT. 2-8
1900-5 (T)	OCT. 4-14
1900-6 (T)	OCT. 8-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

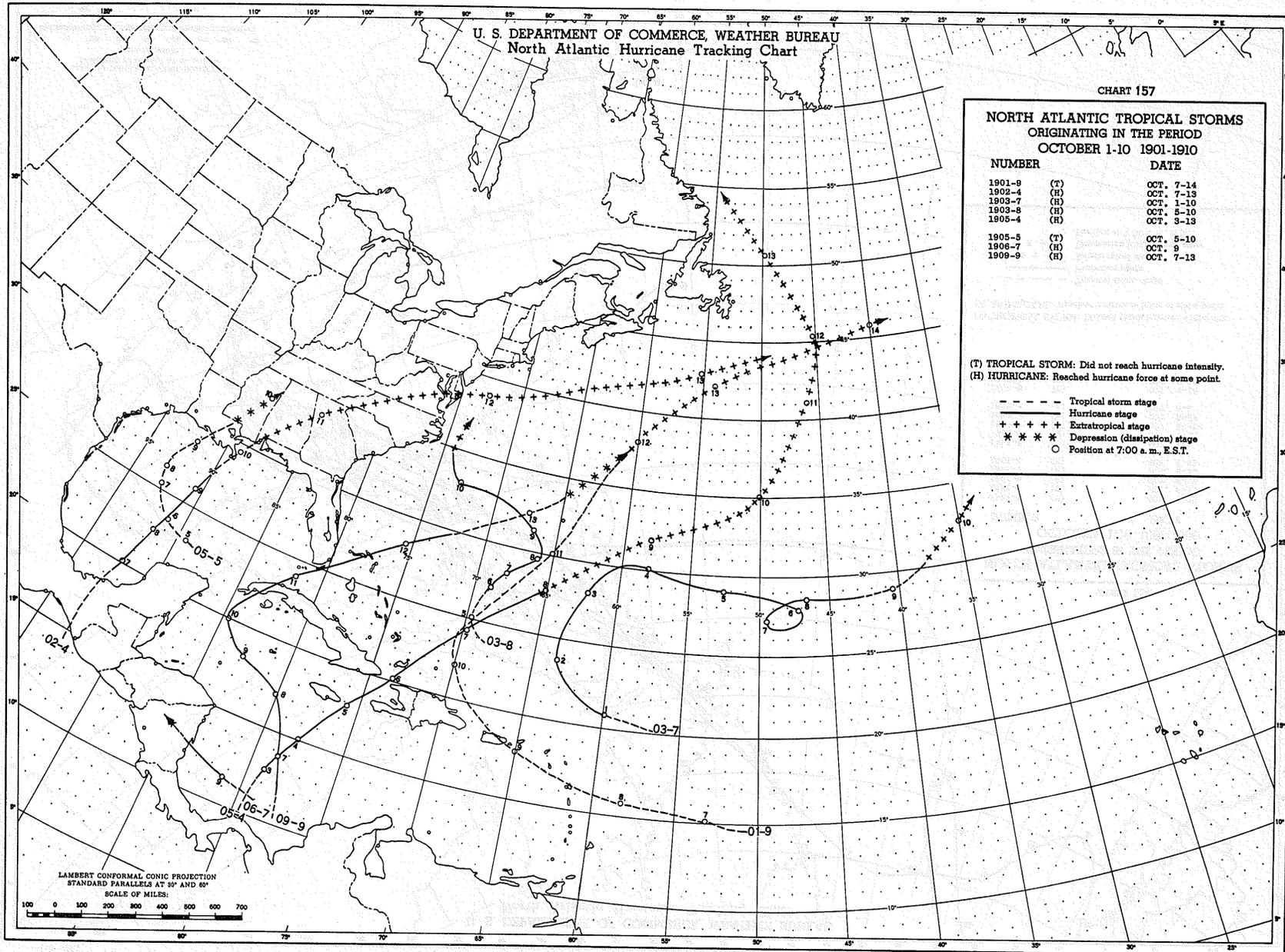
CHART 157

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1901-1910

NUMBER	DATE
1901-9 (T)	OCT. 7-14
1902-4 (H)	OCT. 7-13
1903-7 (H)	OCT. 1-10
1903-8 (H)	OCT. 8-10
1905-4 (H)	OCT. 8-13
1905-5 (T)	OCT. 5-10
1906-7 (H)	OCT. 9
1909-9 (H)	OCT. 7-13

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 158

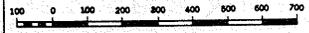
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1911-1920

NUMBER	DATE
1912-4 (H)	OCT. 4-9
1913-4 (T)	OCT. 3-11
1916-11 (T)	OCT. 3-4
1916-12 (H)	OCT. 6-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 159

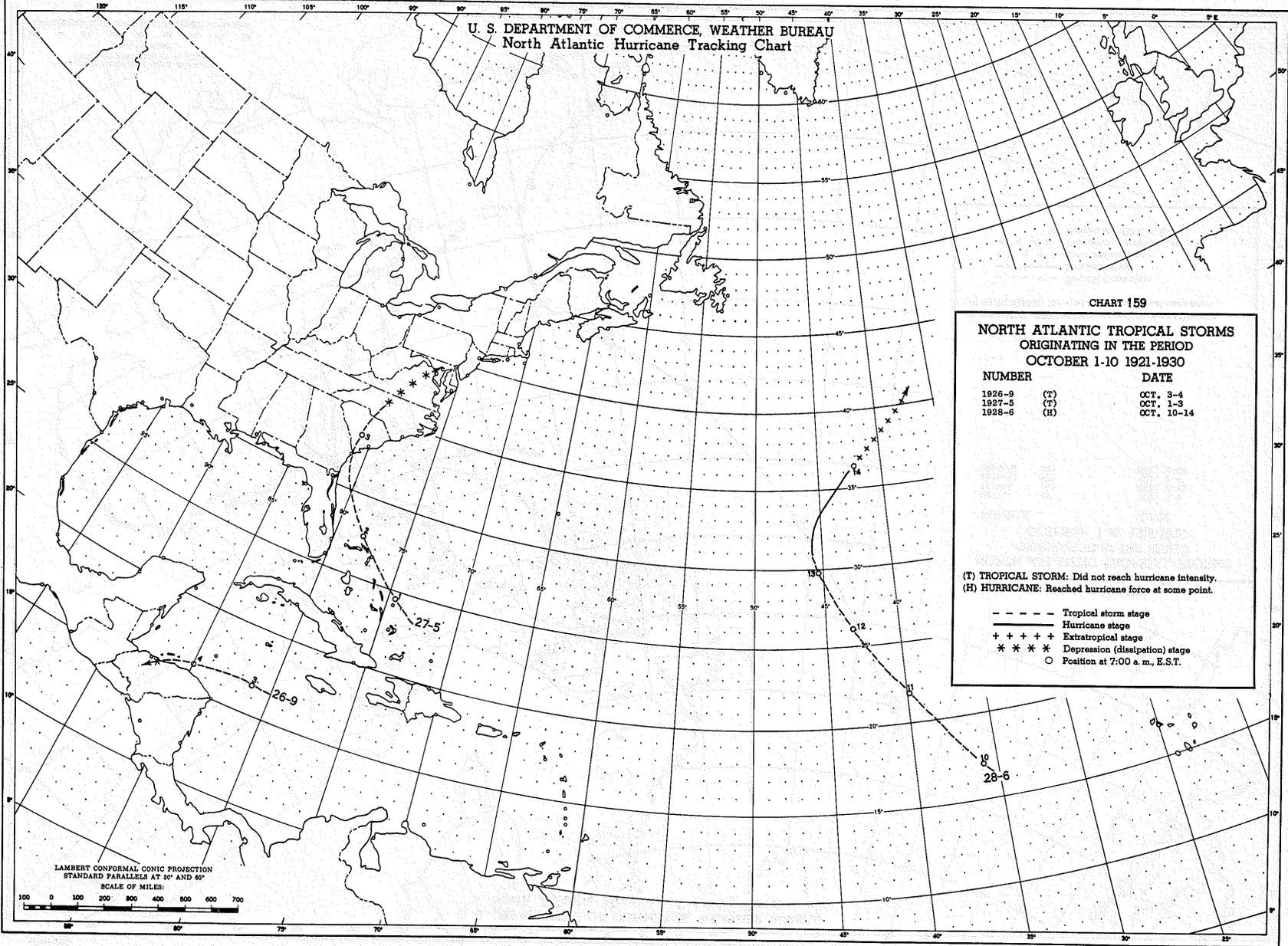
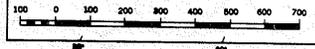
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1921-1930**

NUMBER	DATE
1926-9 (T)	OCT. 3-4
1927-5 (T)	OCT. 1-3
1928-6 (H)	OCT. 10-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 160

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1931-1940

NUMBER	DATE
1932-8 (T)	OCT. 7-18
1932-9 (T)	OCT. 8-11
1933-18 (H)	OCT. 1-9
1934-8 (H)	OCT. 1-3
1934-9 (T)	OCT. 1-6
1936-16 (T)	OCT. 9-11
1938-5 (T)	OCT. 10-17

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

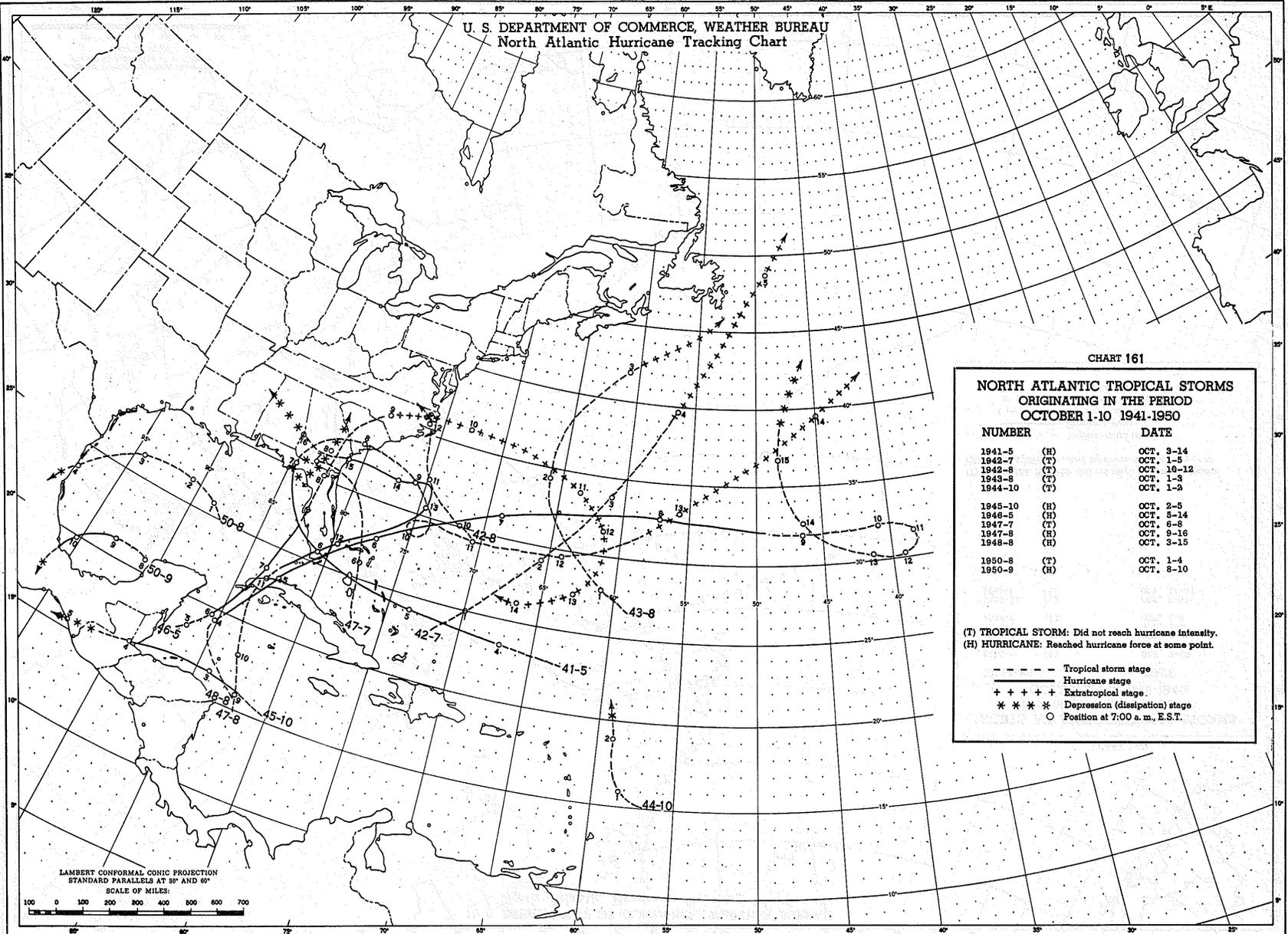


CHART 161

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1941-1950

NUMBER	DATE
1941-5 (H)	OCT. 3-14
1942-7 (T)	OCT. 1-5
1942-8 (T)	OCT. 16-12
1943-8 (T)	OCT. 1-3
1944-10 (T)	OCT. 1-3
1945-10 (H)	OCT. 2-5
1946-5 (H)	OCT. 5-14
1947-7 (T)	OCT. 6-8
1947-8 (H)	OCT. 9-16
1948-8 (H)	OCT. 3-15
1950-8 (T)	OCT. 1-4
1950-9 (H)	OCT. 8-10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage.
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m. E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

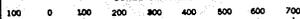
CHART 162

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 1-10 1951-1958

NUMBER		DATE
1952-6	(H)	OCT. 6-11
1953-9	(H)	OCT. 2-5
1953-10	(T)	OCT. 3-10
1953-11	(T)	OCT. 5-8
1953-12	(T)	OCT. 7-12
1954-9	(H)	OCT. 5-18
1955-11	(T)	OCT. 10-14
1956-10	(H)	OCT. 5-12

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - ++++ Extratropical stage
 - * * * * * Depression (dissipation) stage
 - Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 35° AND 65°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 163

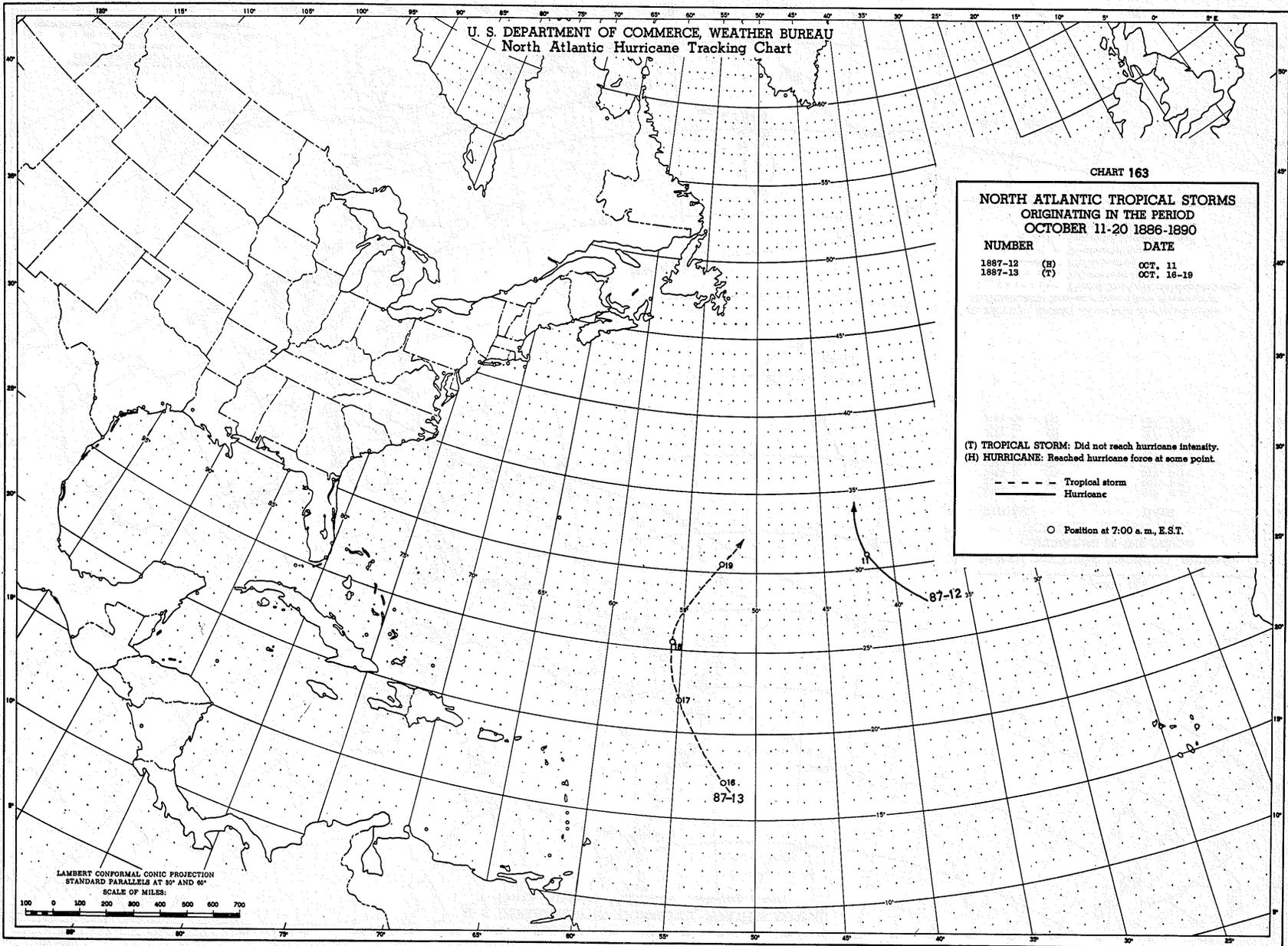
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1886-1890

NUMBER	DATE
1887-12 (H)	OCT. 11
1887-13 (T)	OCT. 18-19

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
—— Hurricane

○ Position at 7:00 a. m. E.S.T.



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

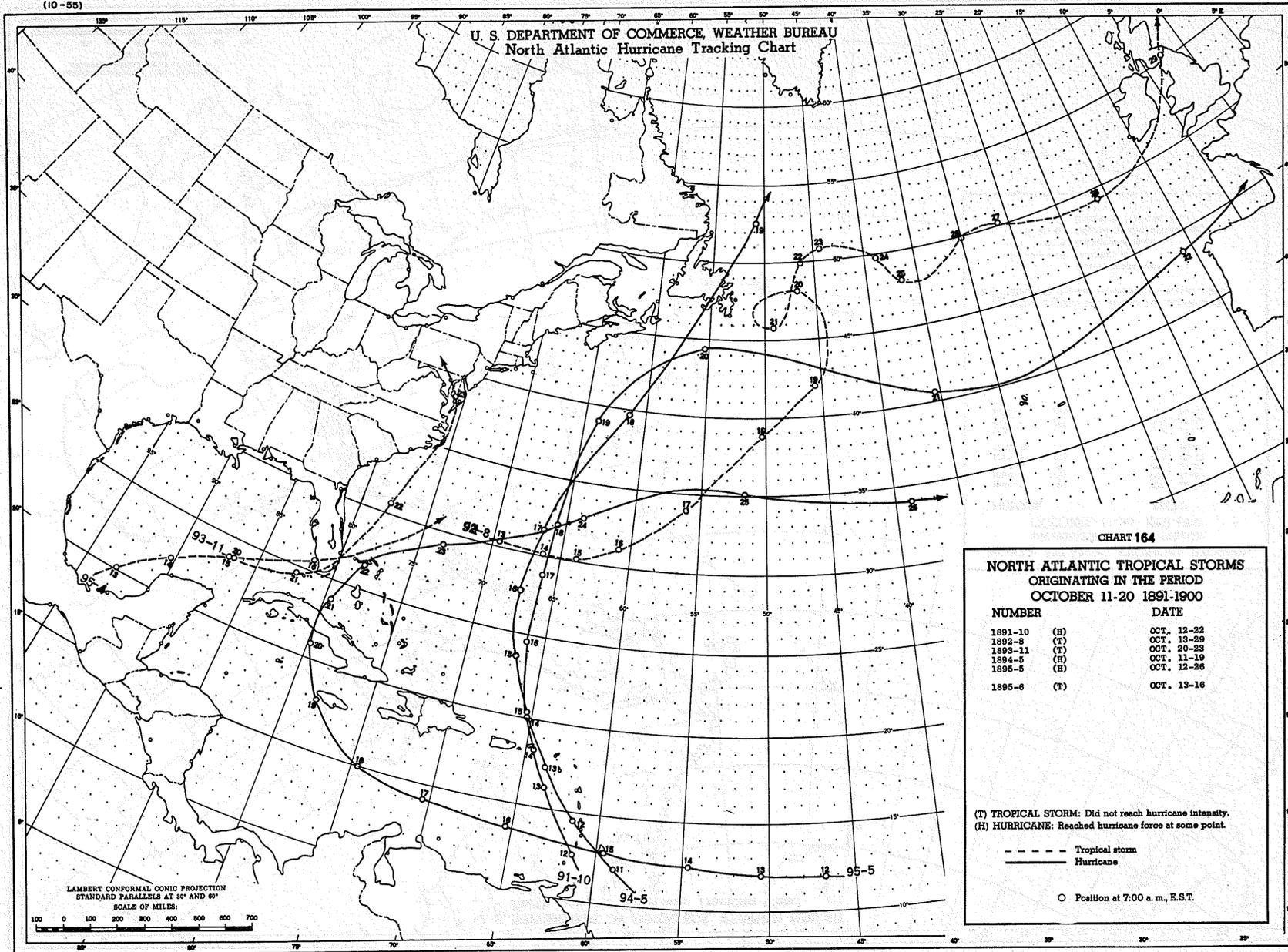


CHART 164

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1891-1900

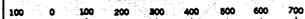
NUMBER	DATE
1891-10 (H)	OCT. 12-22
1892-8 (T)	OCT. 13-29
1893-11 (T)	OCT. 20-23
1894-5 (H)	OCT. 11-19
1895-5 (H)	OCT. 12-26
1895-6 (T)	OCT. 13-16

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

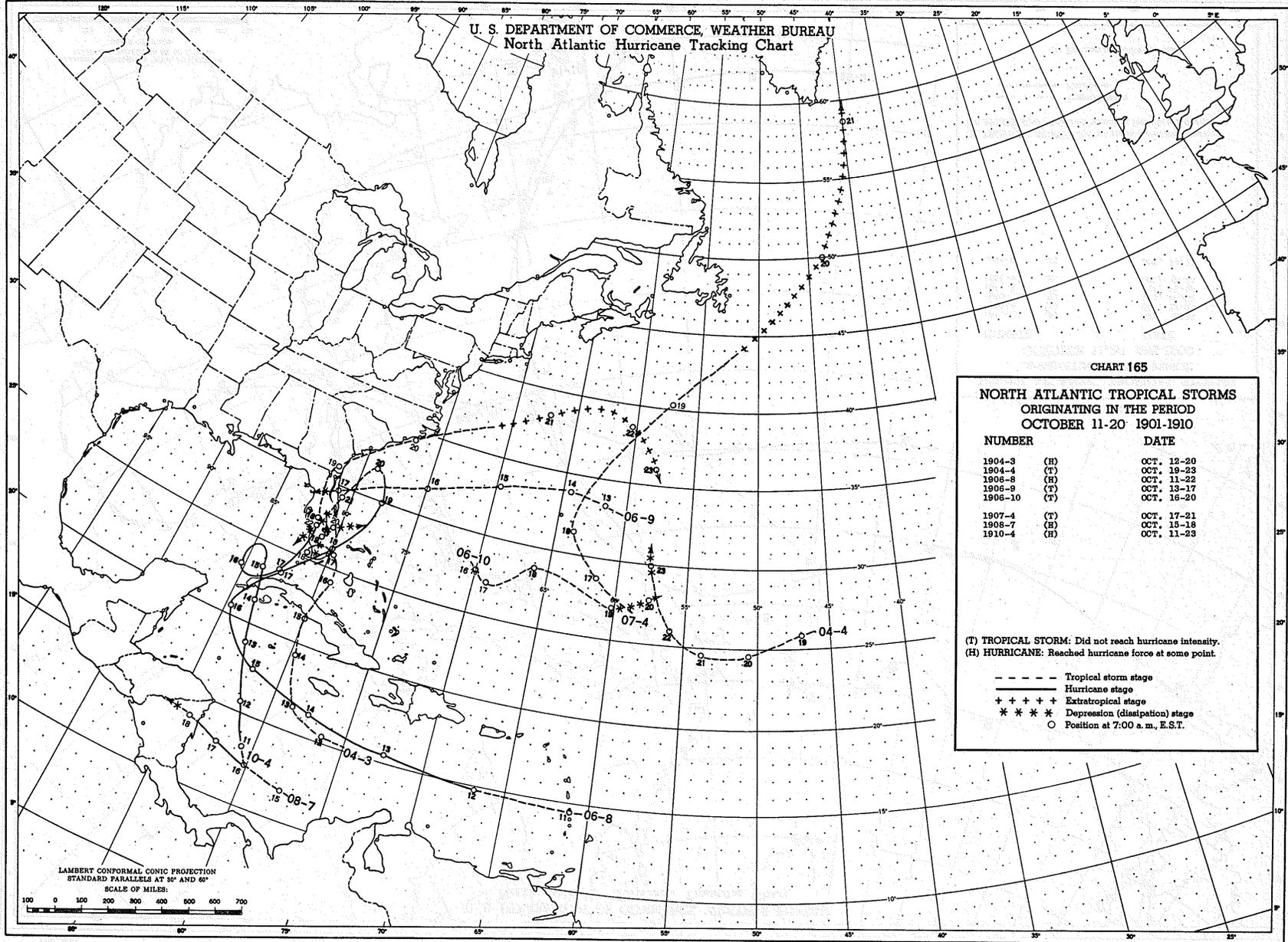


CHART 165

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1901-1910**

NUMBER		DATE
1904-3	(H)	OCT. 12-20
1904-4	(T)	OCT. 19-23
1906-8	(H)	OCT. 11-22
1906-9	(T)	OCT. 13-17
1906-10	(T)	OCT. 18-20
1907-4	(T)	OCT. 17-21
1908-7	(H)	OCT. 15-18
1910-4	(H)	OCT. 11-23

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 166

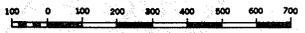
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1911-1920

NUMBER	DATE
1912-5 (H)	OCT. 11-17
1916-13 (H)	OCT. 12-19

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

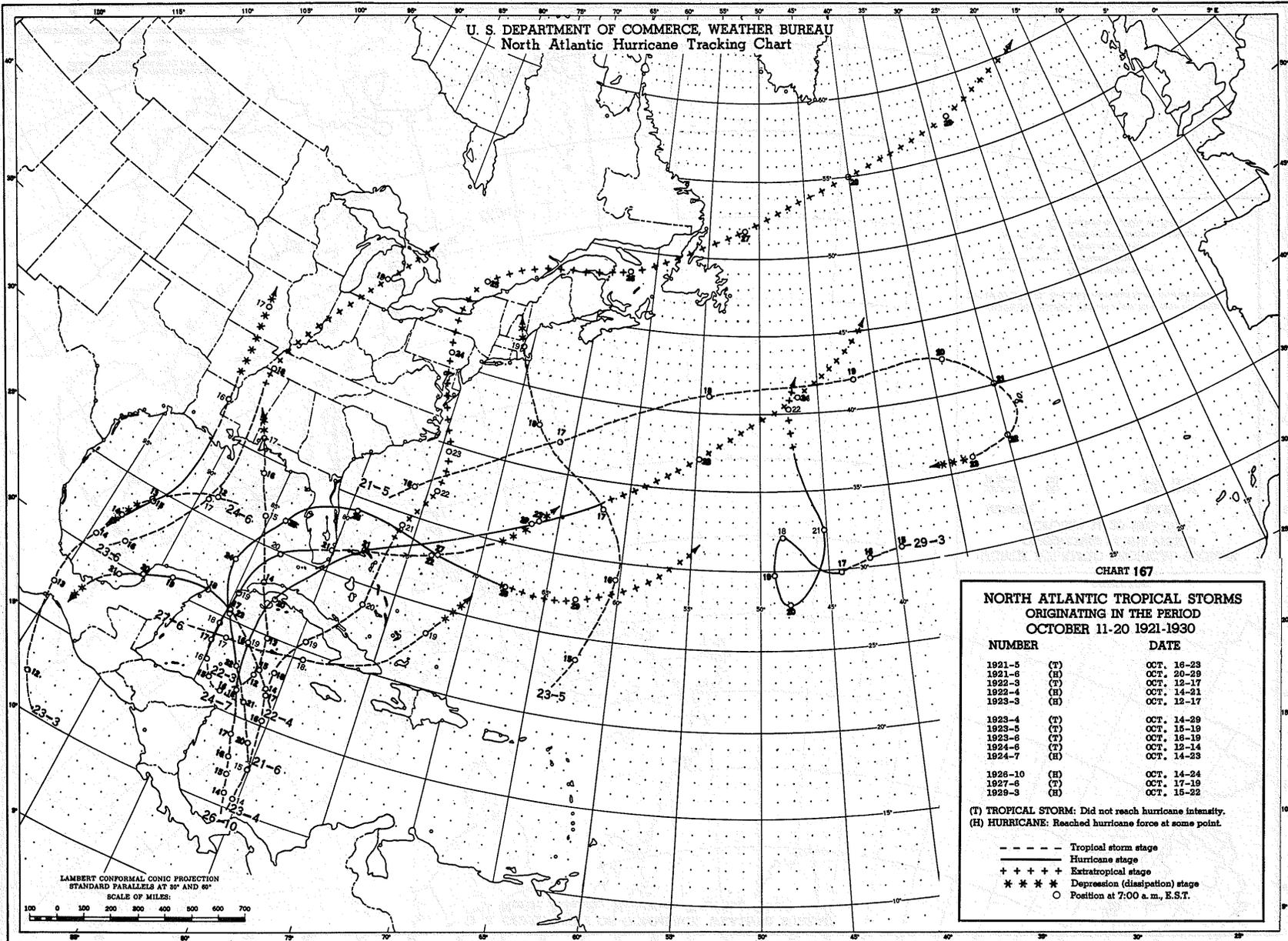


CHART 167

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1921-1930**

NUMBER		DATE
1921-5	(T)	OCT. 16-23
1921-6	(H)	OCT. 20-29
1922-3	(T)	OCT. 12-17
1922-4	(H)	OCT. 14-21
1923-3	(H)	OCT. 12-17
1923-4	(T)	OCT. 14-29
1923-5	(T)	OCT. 15-19
1923-6	(T)	OCT. 16-19
1924-6	(T)	OCT. 12-14
1924-7	(H)	OCT. 14-23
1926-10	(H)	OCT. 14-24
1927-6	(T)	OCT. 17-19
1929-3	(H)	OCT. 15-22

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a.m. E.S.T.

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 168

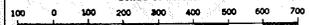
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1931-1940

NUMBER		DATE
1931-8	(T)	OCT. 18-22
1934-10	(T)	OCT. 19-23
1935-5	(H)	OCT. 18-26
1938-6	(T)	OCT. 17-20
1939-4	(H)	OCT. 12-18
1940-7	(T)	OCT. 20-23

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (distipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

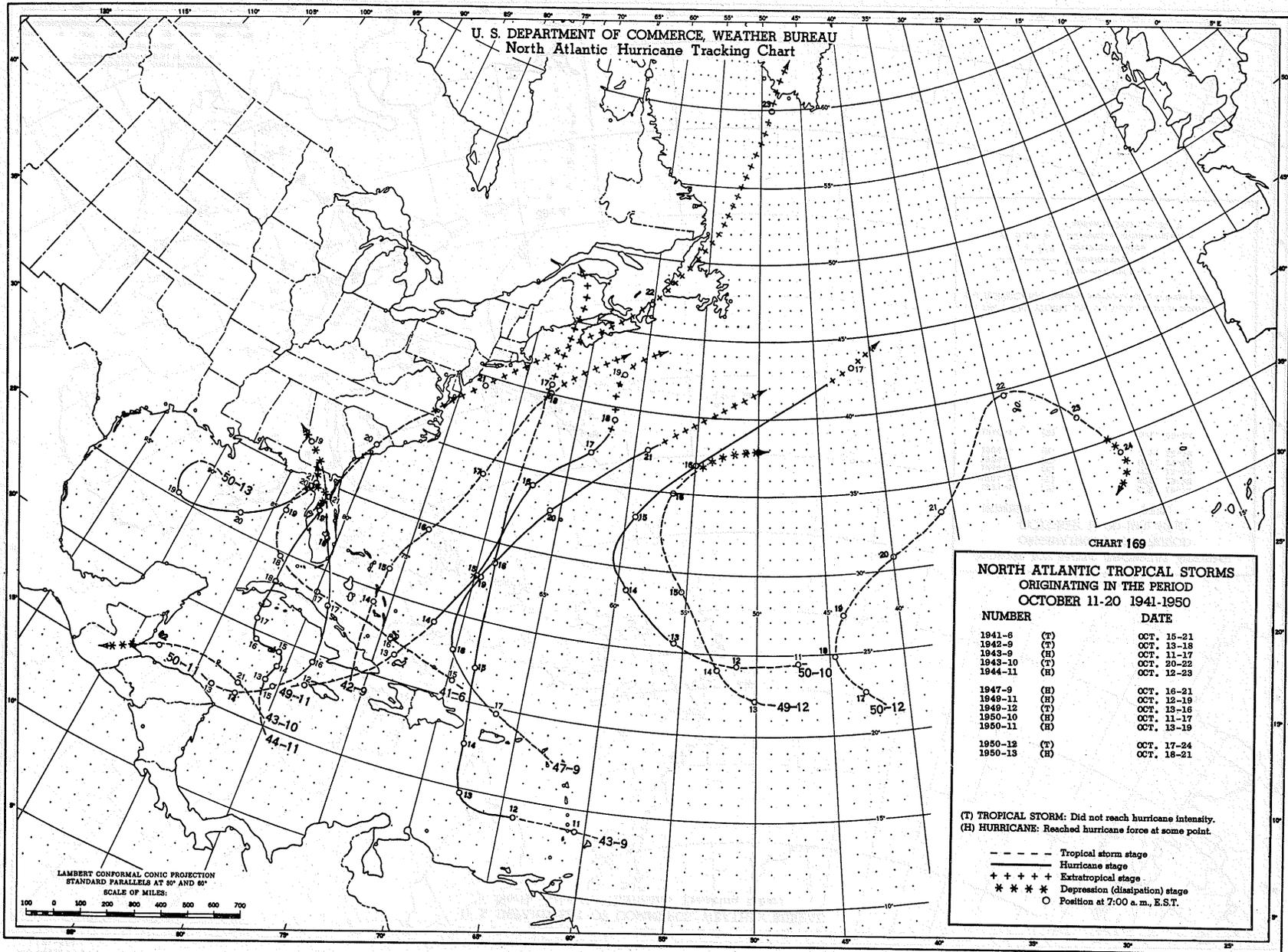


CHART 169

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1941-1950

NUMBER		DATE
1941-6	(T)	OCT. 15-21
1942-9	(T)	OCT. 13-18
1943-9	(H)	OCT. 11-17
1943-10	(T)	OCT. 20-22
1944-11	(H)	OCT. 12-23
1947-9	(H)	OCT. 16-21
1949-11	(H)	OCT. 12-19
1949-12	(T)	OCT. 13-16
1950-10	(H)	OCT. 11-17
1950-11	(H)	OCT. 13-19
1950-12	(T)	OCT. 17-24
1950-13	(H)	OCT. 18-21

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
 _____ Hurricane stage
 + + + + Extratropical stage
 * * * * Depression (disipation) stage
 O Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 170

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 11-20 1951-1958**

NUMBER	DATE
1951-9 (H)	OCT. 12-17
1951-10 (H)	OCT. 15-20
1952-7 (H)	OCT. 20-28
1955-12 (H)	OCT. 14-19

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 172

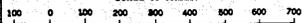
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 21-31 1891-1900

NUMBER		DATE
1892-9	(T)	OCT. 21-NOV. 1
1894-6	(H)	OCT. 21-NOV. 4
1896-6	(H)	OCT. 26-NOV. 9
1897-5	(T)	OCT. 23-NOV. 6
1898-9	(T)	OCT. 27-NOV. 4
1899-6	(H)	OCT. 26-NOV. 4
1900-7	(T)	OCT. 23-29

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (disappion) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

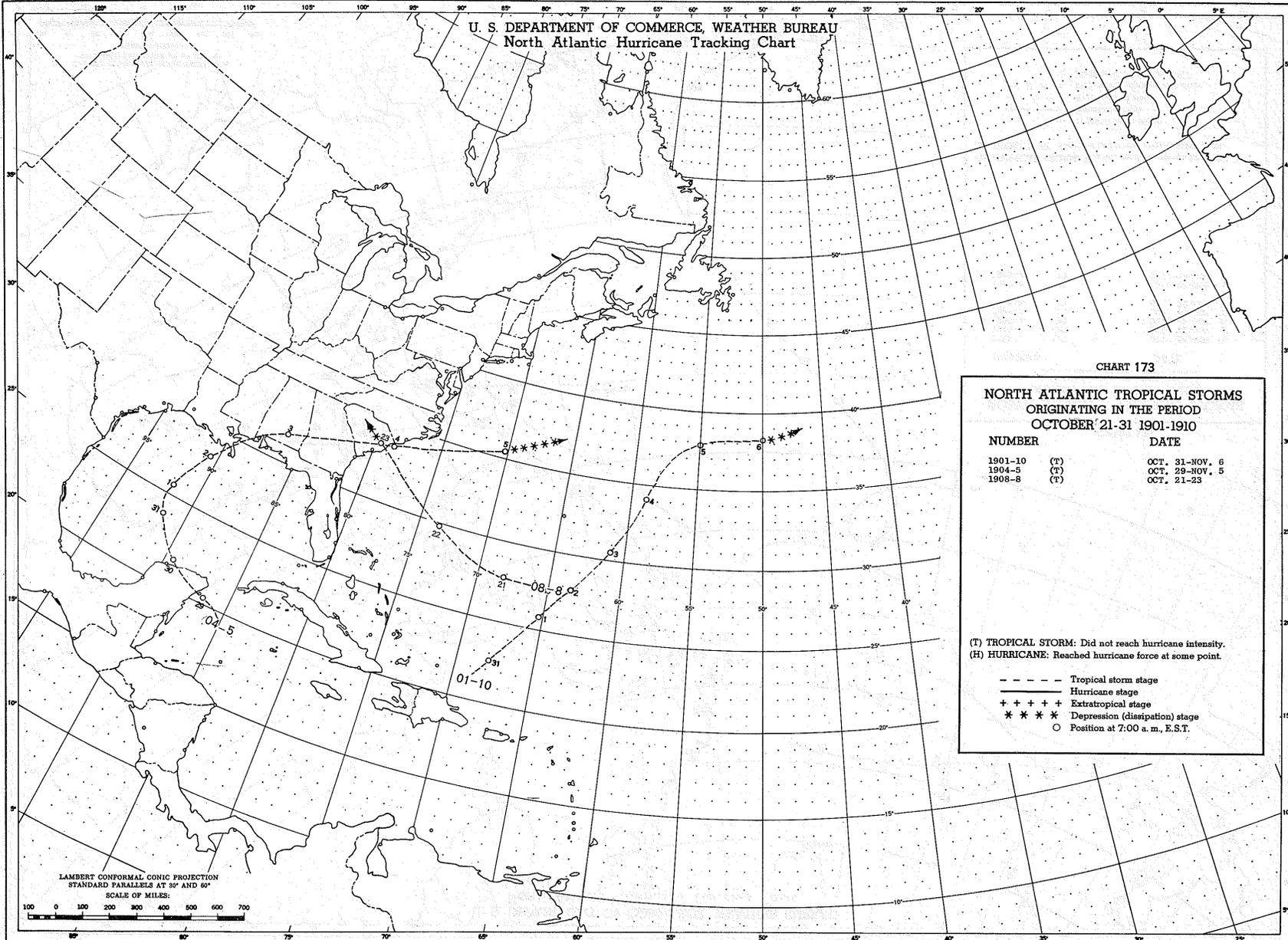


CHART 173

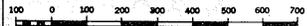
**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 21-31 1901-1910**

NUMBER	DATE
1901-10 (T)	OCT. 31-NOV. 6
1904-5 (T)	OCT. 29-NOV. 5
1908-8 (T)	OCT. 21-23

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- - - - Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 174

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 21-31 1911-1920**

NUMBER	DATE
1911-4 (T)	OCT. 23-31

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 35° AND 65°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

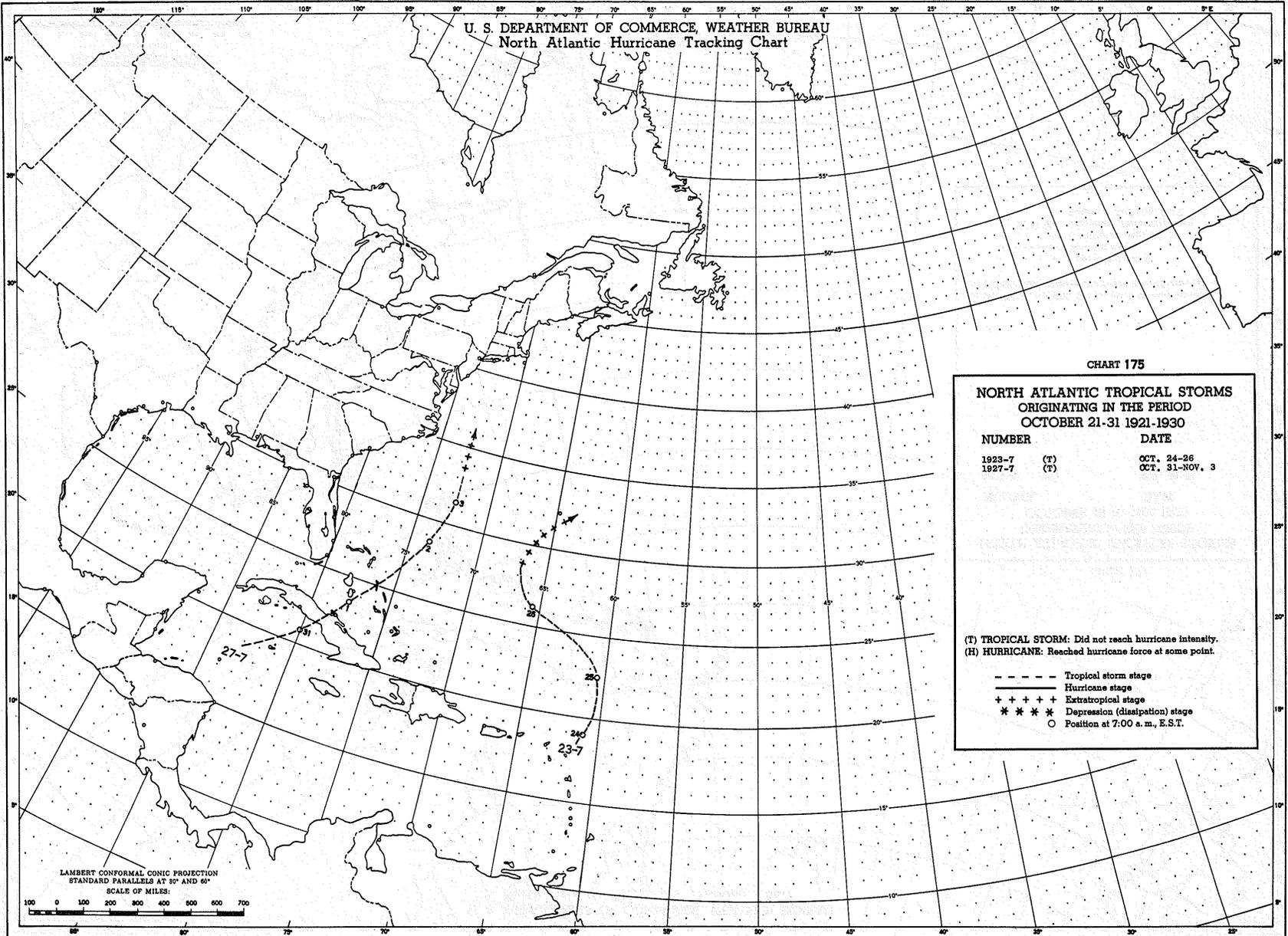


CHART 175

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 21-31 1921-1930**

NUMBER	DATE
1923-7 (T)	OCT. 24-26
1927-7 (T)	OCT. 31-NOV. 3

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (distipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 176

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 21-31 1931-1940

NUMBER		DATE
1932-10	(H)	OCT. 30-NOV. 14
1933-19	(T)	OCT. 25-NOV. 7
1933-20	(T)	OCT. 26-30
1935-6	(H)	OCT. 30-NOV. 8
1938-7	(T)	OCT. 23-24
1939-5	(H)	OCT. 29-NOV. 6
1940-8	(T)	OCT. 24-25

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

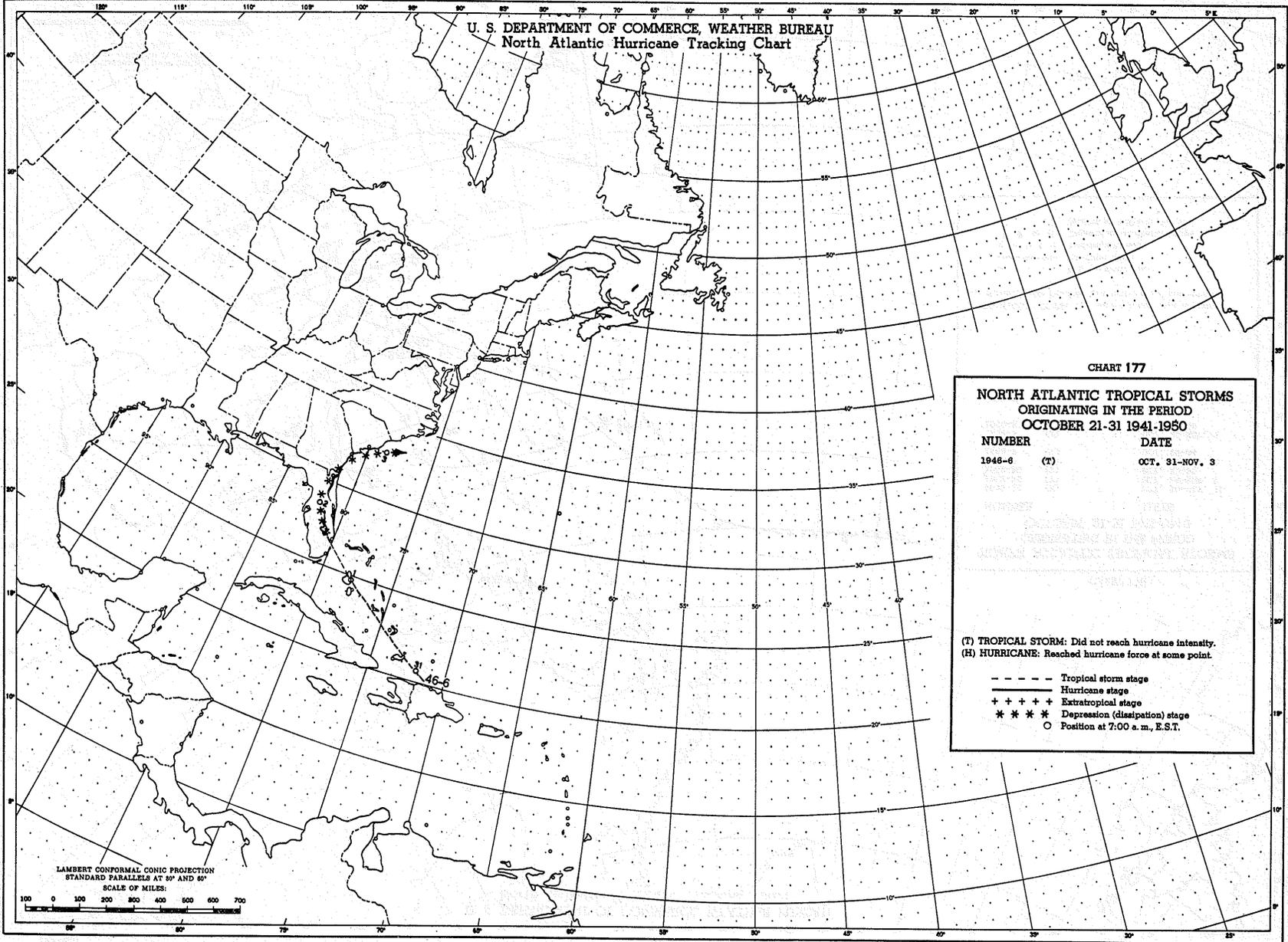


CHART 177

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 21-31 1941-1950**

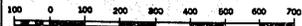
NUMBER	DATE
1946-6 (T)	OCT. 31-NOV. 3

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- **** Depression (dissipation) stage
- Position at 7:00 a. m. E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 40° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

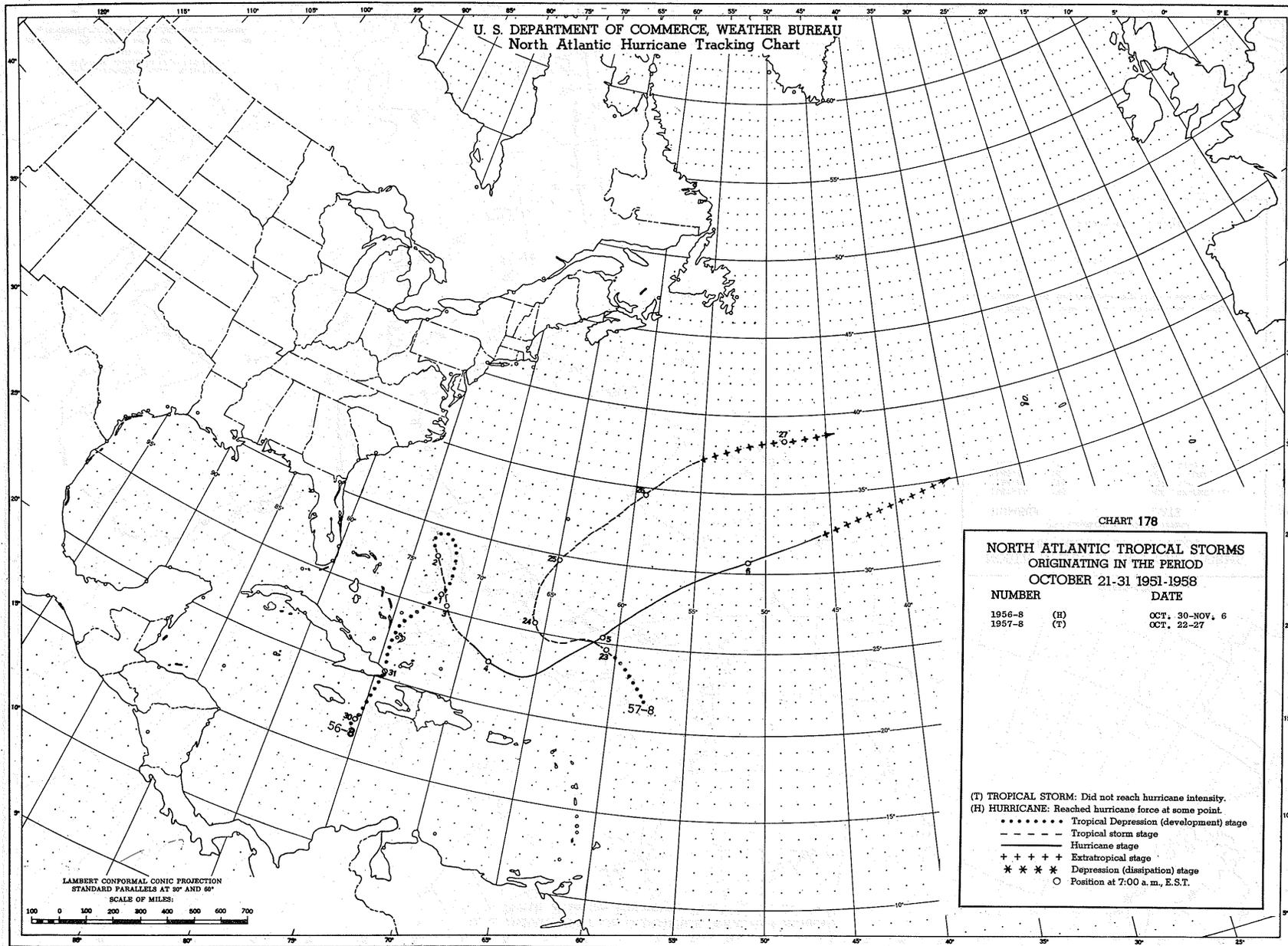


CHART 178

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
OCTOBER 21-31 1951-1958**

NUMBER	DATE
1956-8 (H)	OCT. 30-NOV. 6
1957-8 (T)	OCT. 22-27

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical Depression (development) stage
- - - - - Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E. S. T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

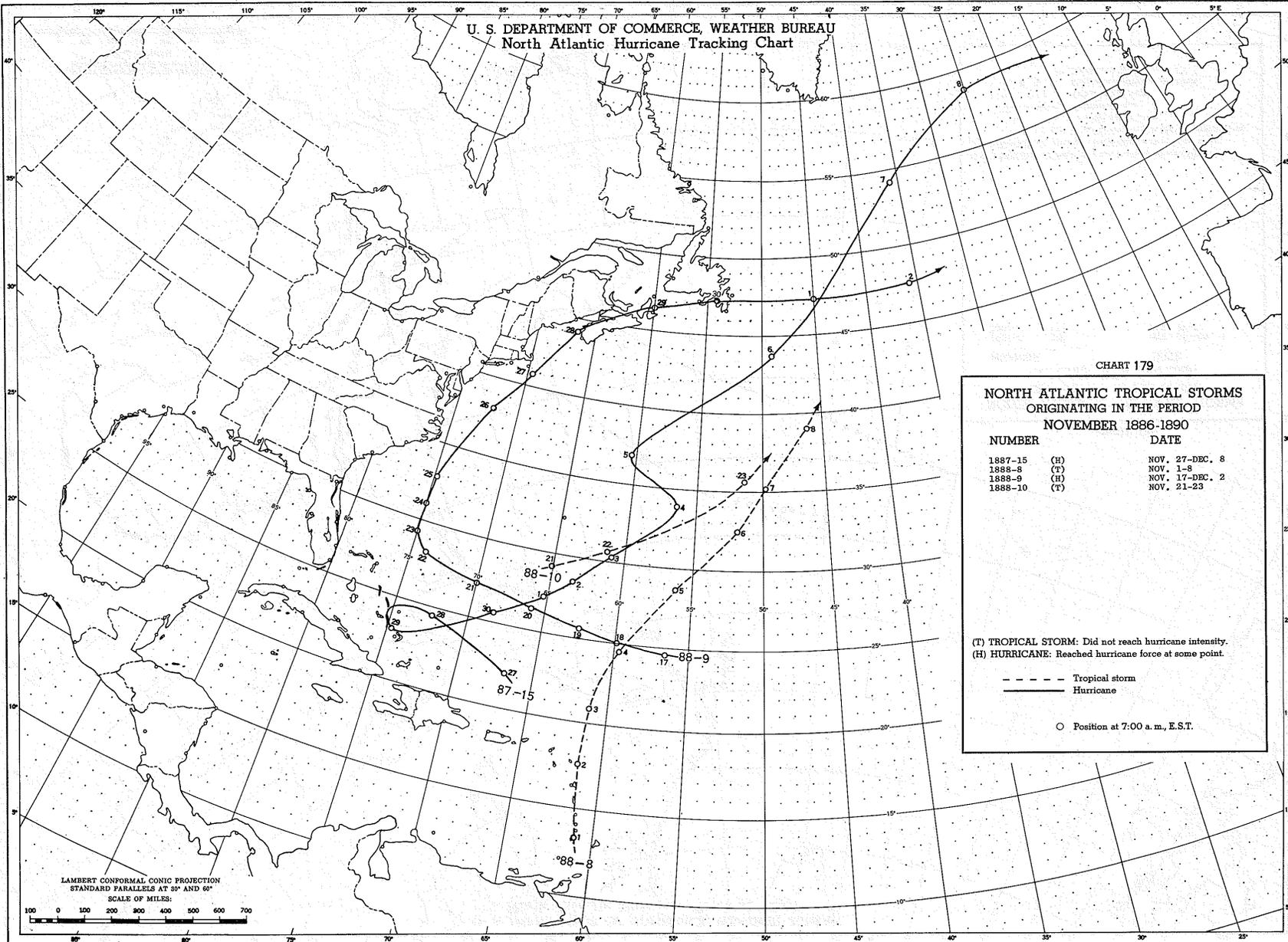


CHART 179

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1886-1890**

NUMBER	DATE
1887-15 (H)	NOV. 27-DEC. 8
1888-8 (T)	NOV. 1-8
1888-9 (H)	NOV. 17-DEC. 2
1888-10 (T)	NOV. 21-23

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 180

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1891-1900

NUMBER	DATE
1891-11 (T)	NOV. 3-8
1893-12 (T)	NOV. 5-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm
— Hurricane

○ Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

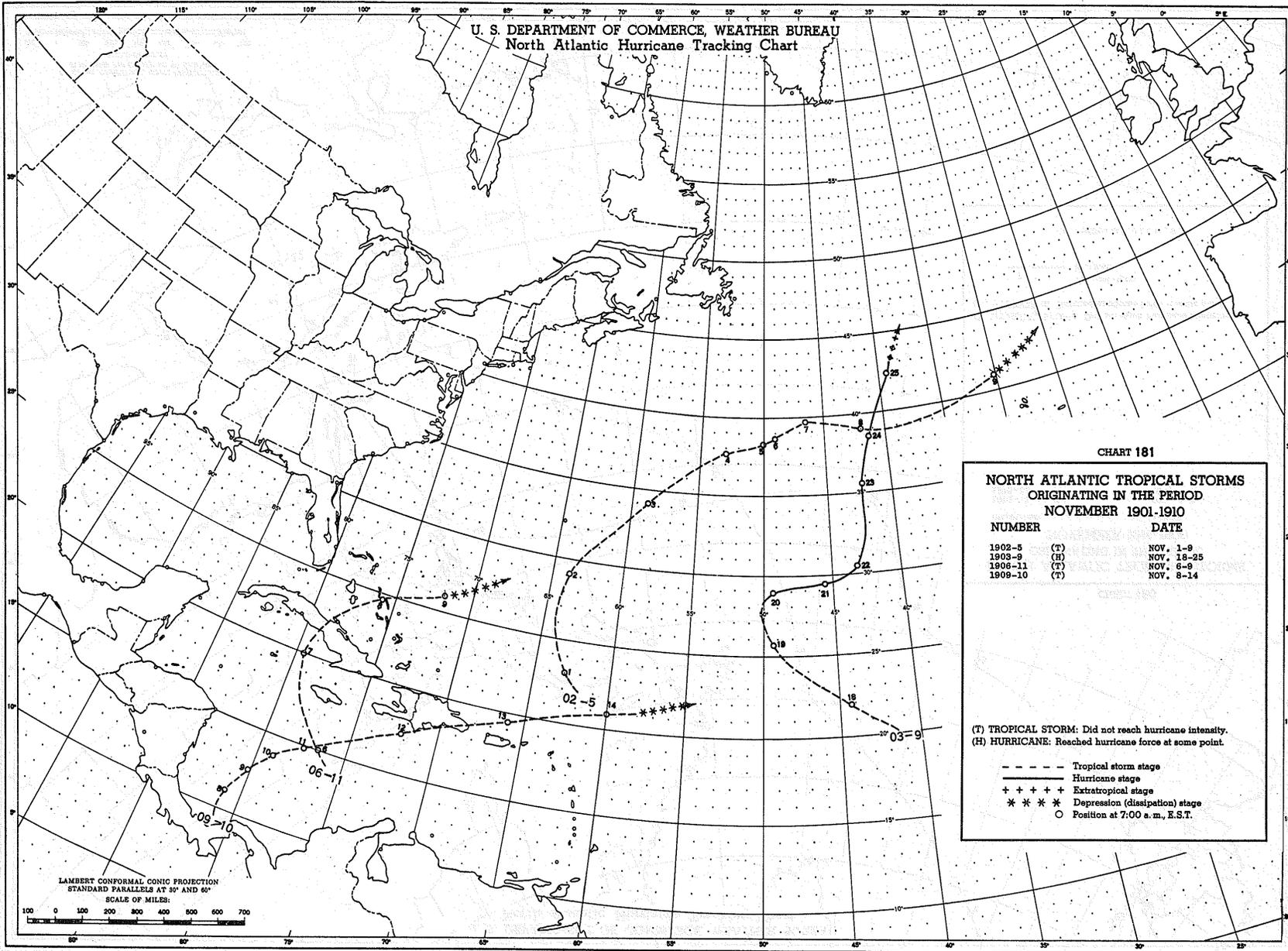


CHART 181

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1901-1910

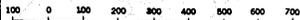
NUMBER	DATE
1902-5 (T)	NOV. 1-9
1903-9 (H)	NOV. 18-25
1908-11 (T)	NOV. 6-9
1909-10 (T)	NOV. 8-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 182

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1911-1920

NUMBER		DATE
1912-6	(H)	NOV. 11-25
1916-14	(H)	NOV. 11-15
1919-3	(T)	NOV. 11-14

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- **** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 50° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

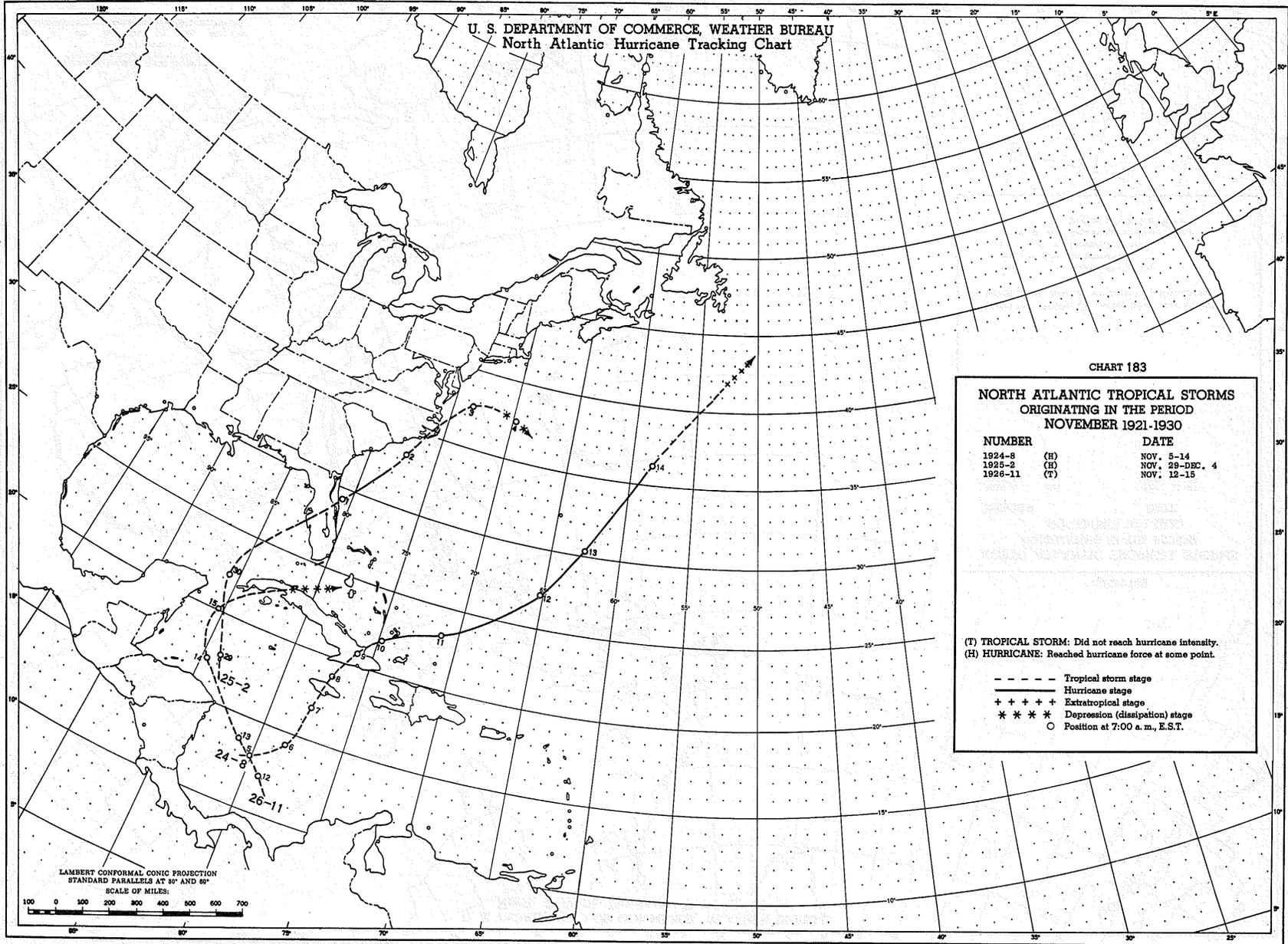


CHART 183

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1921-1930

NUMBER		DATE
1924-8	(H)	NOV. 5-14
1925-2	(H)	NOV. 28-DEC. 4
1928-11	(T)	NOV. 12-15

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + Extratropical stage
- * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

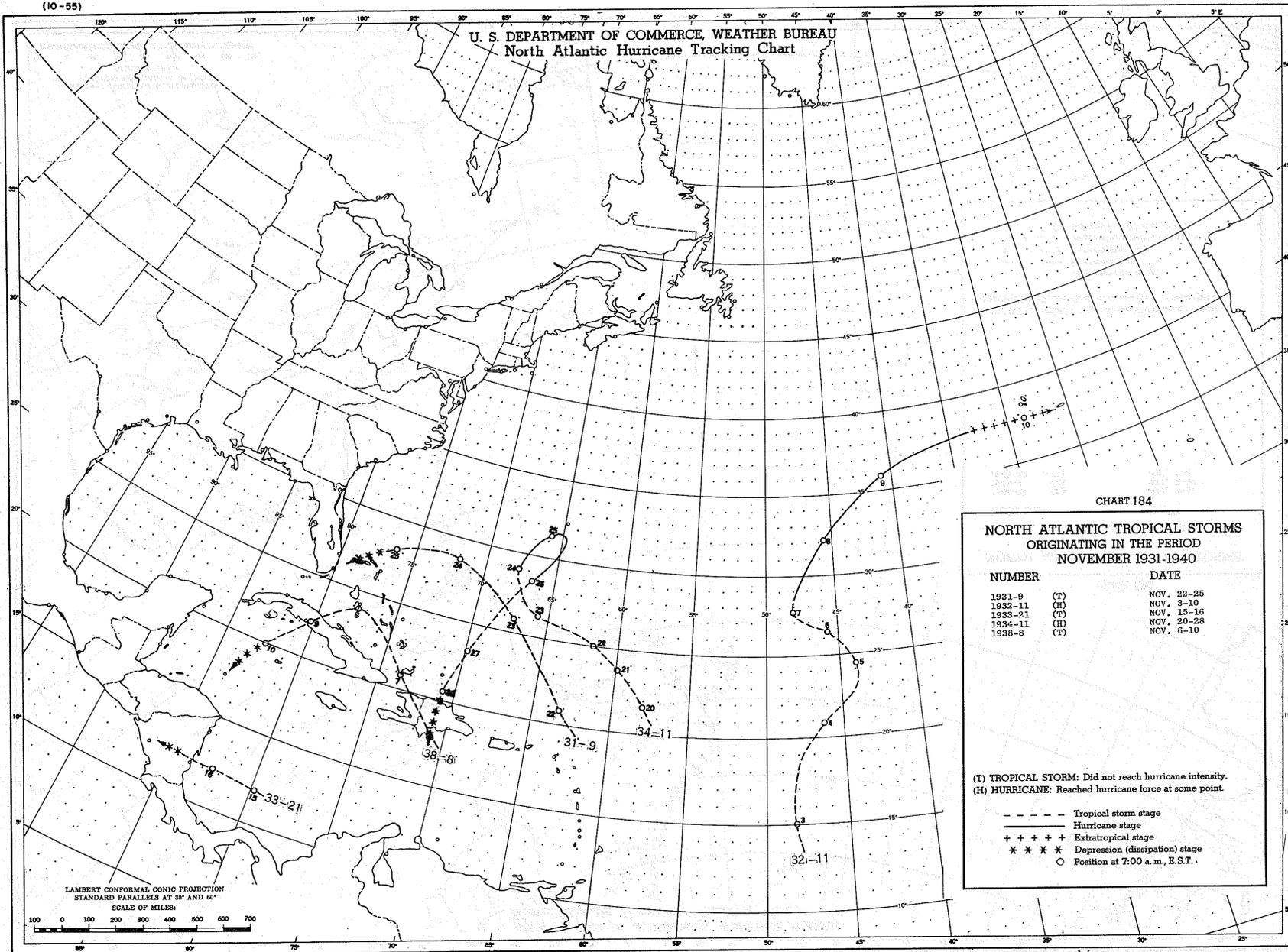


CHART 184

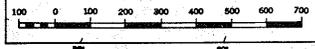
NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1931-1940

NUMBER		DATE
1931-9	(T)	NOV. 22-25
1932-11	(H)	NOV. 3-10
1933-21	(T)	NOV. 15-16
1934-11	(H)	NOV. 20-28
1938-8	(T)	NOV. 6-10

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- + + + + + Extratropical stage
- * * * * * Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 185

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1941-1950

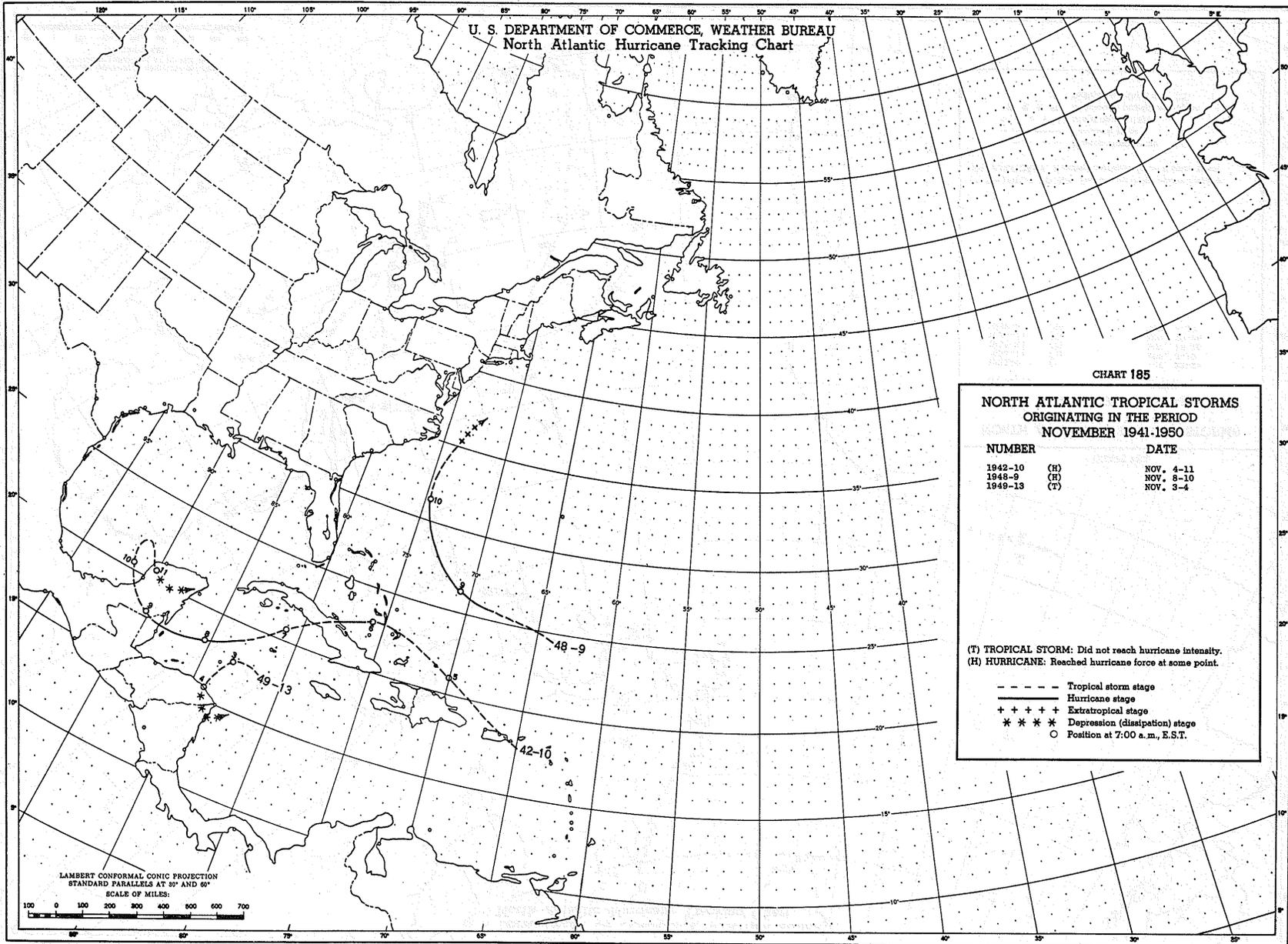
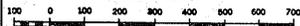
NUMBER		DATE
1942-10	(H)	NOV. 4-11
1948-9	(H)	NOV. 8-10
1949-13	(T)	NOV. 3-4

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- **** Depression (dissipation) stage
- Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

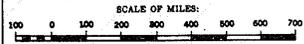
CHART 186

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
NOVEMBER 1951-1958

NUMBER	DATE
1953-13 (T)	NOV. 23-26
1954-10 (T)	NOV. 16-21

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - ++++ Extratropical stage
 - *** Depression (dissipation) stage
 - Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

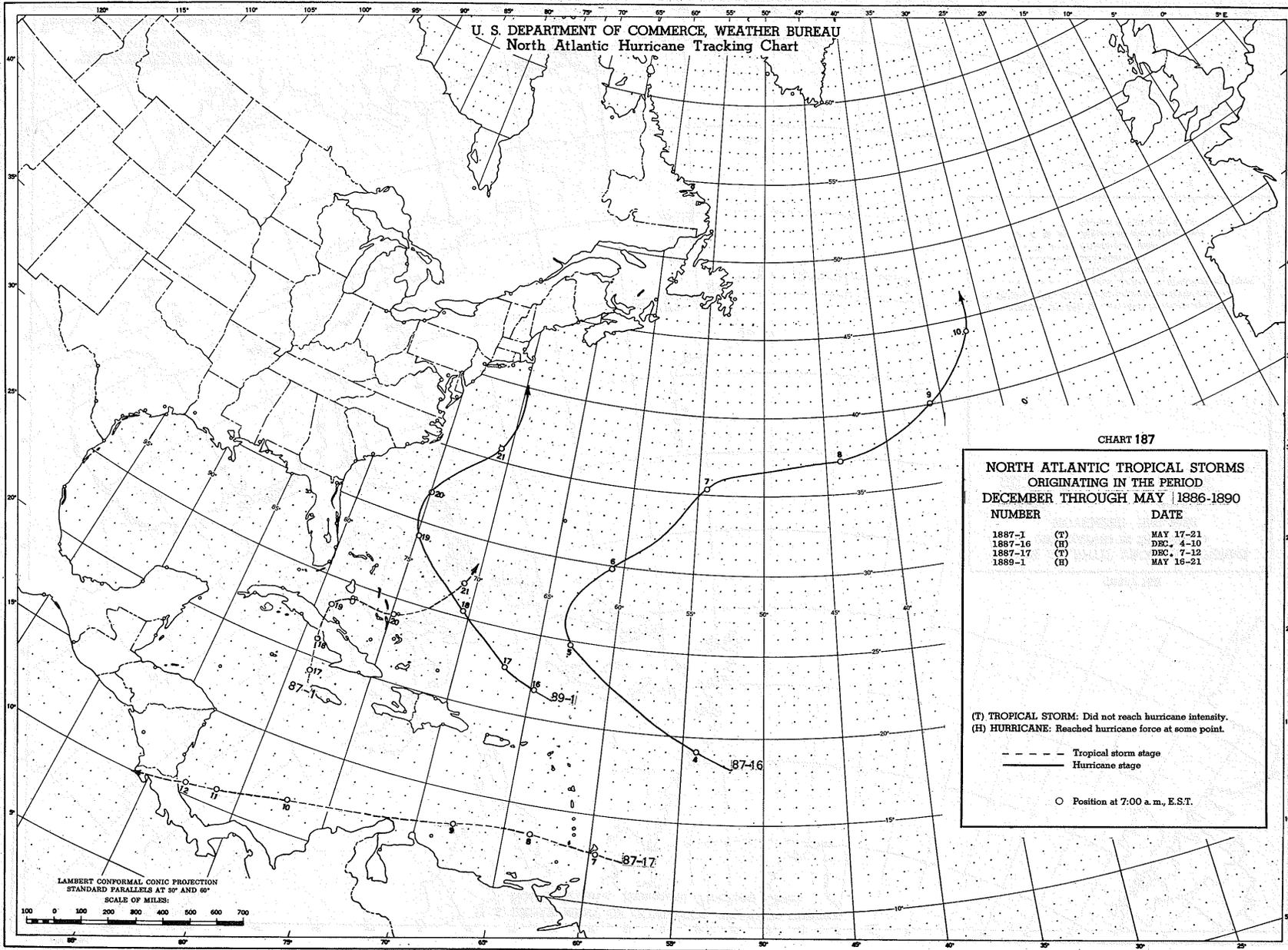


CHART 187

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
DECEMBER THROUGH MAY 1886-1890

NUMBER	DATE
1887-1 (T)	MAY 17-21
1887-16 (H)	DEC. 4-10
1887-17 (T)	DEC. 7-12
1889-1 (H)	MAY 16-21

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

--- Tropical storm stage
— Hurricane stage

○ Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 188

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
DECEMBER THROUGH MAY 1901-1910**

NUMBER	DATE
1908-1 (H)	MAR. 6-8

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- **** Depression (dissipation) stage
- Position at 7:00 a. m. E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°
SCALE OF MILES:
100 0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 189

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
DECEMBER THROUGH MAY 1931-1940

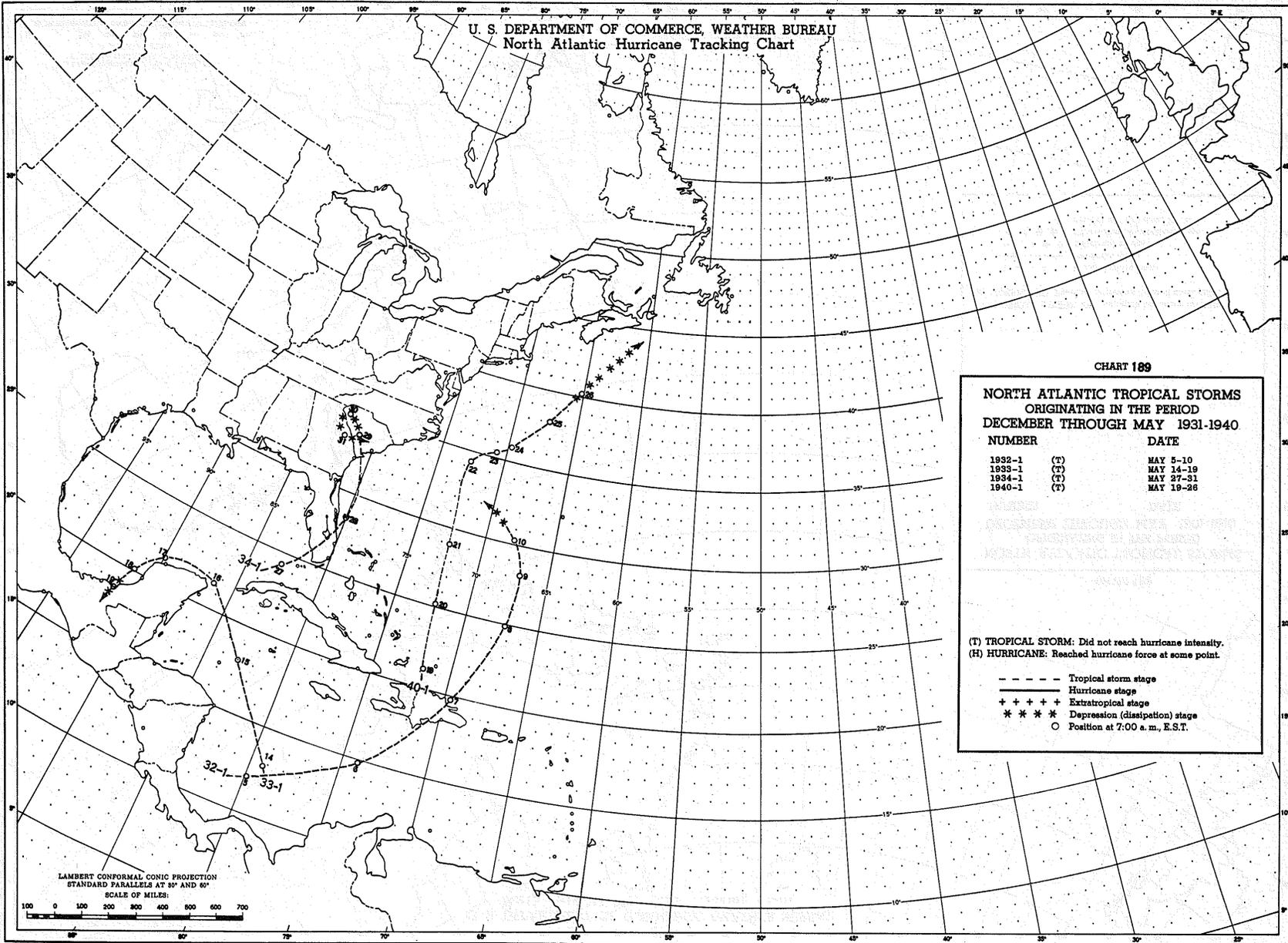
NUMBER	DATE
1932-1	(T) MAY 5-10
1933-1	(T) MAY 14-19
1934-1	(T) MAY 27-31
1940-1	(T) MAY 19-26

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- +++++ Extratropical stage
- *** Depression (dissipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
100 0 100 200 300 400 500 600 700



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 190

**NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
DECEMBER THROUGH MAY 1941-1950**

NUMBER	DATE
1948-1 (T)	MAY 22-28

(T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point.

- Tropical storm stage
- Hurricane stage
- ++++ Extratropical stage
- **** Depression (distipation) stage
- Position at 7:00 a. m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:
0 100 200 300 400 500 600 700

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
North Atlantic Hurricane Tracking Chart

CHART 191

NORTH ATLANTIC TROPICAL STORMS
ORIGINATING IN THE PERIOD
DECEMBER THROUGH MAY 1951-1958

NUMBER		DATE
1951-1	(H)	MAY 15-24
1952-1	(T)	FEB. 2-4
1953-1	(T)	MAY 25-JUNE 6
1953-14	(T)	DEC. 7-9
1954-11	(H)	DEC. 30-JAN. 5, 1955

- (T) TROPICAL STORM: Did not reach hurricane intensity.
(H) HURRICANE: Reached hurricane force at some point
- Tropical Depression (development) stage
 - Tropical storm stage
 - Hurricane stage
 - + + + + Extratropical stage
 - * * * * Depression (dissipation) stage
 - Position at 7:00 a.m., E.S.T.

LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30° AND 60°

SCALE OF MILES:

