

Tropical Storm Chloe, August 18-25

The disturbance from which Chloe developed moved off the African coast on August 13. After moving steadily westward for several days, it was identified as a depression on August 18 when satellite pictures indicated increasing circular organization, and a reconnaissance investigative flight found pronounced cyclonic flow around its northern periphery. At that time, the depression was centered about 400 n.mi. east of Barbados. The surface pressure was estimated to be 1007 mb, and surface winds were gusting to 35 kt.

During the depression's traverse of the Windward Islands, sustained winds did not reach gale force although Barbados, Dominica, and Martinique reported gusts to 50 kt, and rainfall amounts of 4-6 in. were reported at Barbados and Martinique. On the 19th, the central pressure had dropped to 1004 mb, but the system continued to be poorly organized. On the 20th, however, sustained winds up to 55 kt were reported northeast of the center by reconnaissance aircraft and surface ships and the cyclone was named. Later in the day, Chloe began to weaken, and by the next morning it was no longer of storm intensity.

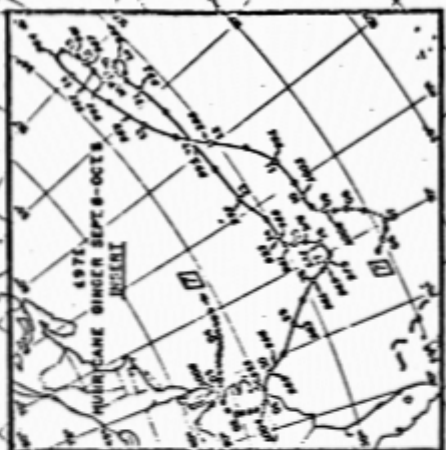
Chloe continued across the Caribbean as a depression and for a time conditions favored reintensification. However, a collapse of the ridge to the north reduced low-level inflow. The depression maintained a central pressure of 1007 mb and sustained winds were no more than 30 kt when it passed inland over British Honduras on the morning of August 25. Continuity of movement and satellite pictures suggest that the remnants of Chloe formed the embryo from which hurricane Lily formed in the Pacific on August 30.

Chloe produced no known casualties or significant damage.

U.S. DEPARTMENT OF COMMERCE
NATIONAL WEATHER SERVICE
ATLANTIC HURRICANE TRACKING CHART

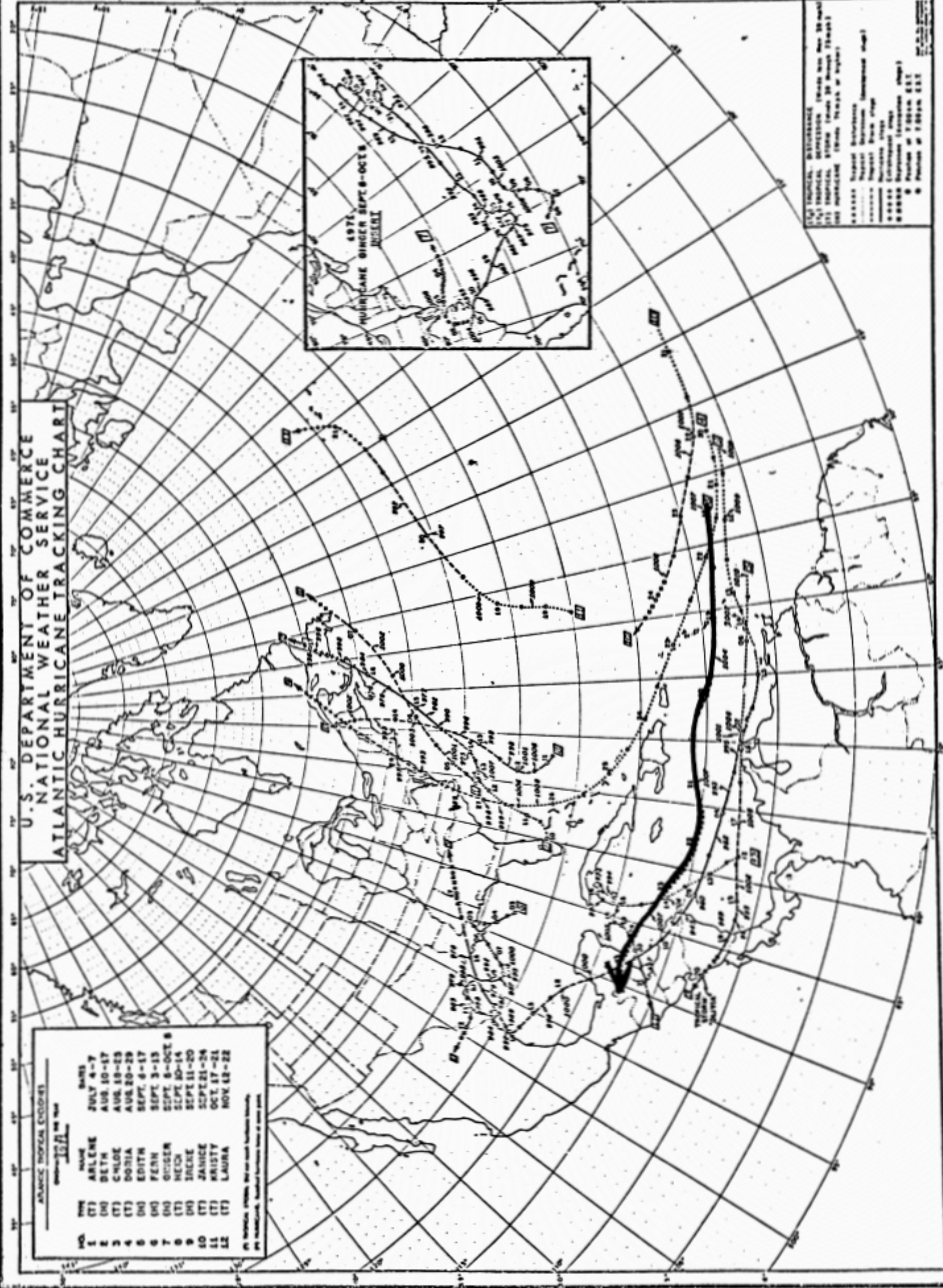
FOR TECHNICAL ASSISTANCE
U.S. FEDERAL BUREAU OF INVESTIGATION (Room 300, No. 300)
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***** Legend *****
 - - - - - Tropical Depression
 - - - - - Tropical Storm
 - - - - - Hurricane
 - - - - - Hurricane (Maximum Wind Speed)
 - - - - - Hurricane (Minimum Wind Speed)
 - - - - - Hurricane (Maximum Wind Speed)
 - - - - - Hurricane (Minimum Wind Speed)
 - - - - - Hurricane (Maximum Wind Speed)
 - - - - - Hurricane (Minimum Wind Speed)



ATLANTIC HURRICANE TRACKS

NO.	NAME	DATES
1	ARLENE	JULY 4-7
2	BETH	AUG. 10-17
3	CHLOE	AUG. 19-23
4	DOYNA	AUG. 29-29
5	EDITH	SEPT. 6-17
6	FERN	SEPT. 3-13
7	GUSSEN	SEPT. 8-OCT. 8
8	HELEN	SEPT. 10-14
9	IRVINE	SEPT. 11-20
10	JANICE	SEPT. 21-24
11	KRISTY	OCT. 17-21
12	LAURA	NOV. 13-22



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