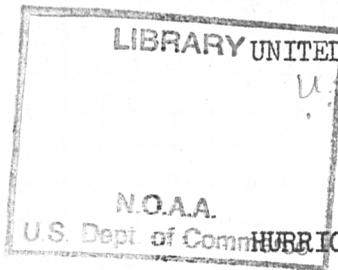


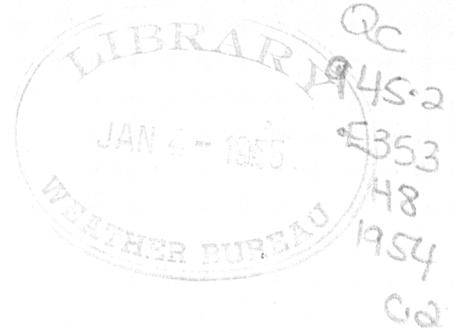
QC  
945.2  
.E353  
H8  
1954  
c.2

U.S. WEATHER BUREAU.

HURRICANE EDNA - SEPT. 11, 1954.



LIBRARY UNITED STATES DEPARTMENT OF COMMERCE  
U.S. Weather Bureau Office  
Boston 9, Mass.



HURRICANE EDNA - SEPTEMBER 11, 1954

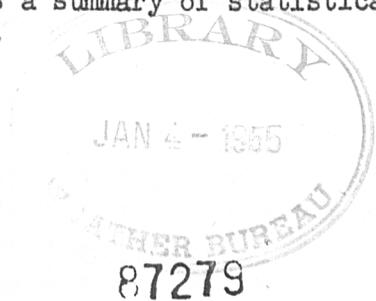
by Edward Sable

Hurricane "Edna," the second such storm to visit the east coast within 11 days, struck New England a glancing blow on September 11, 1954. Smashing into Martha's Vineyard shortly after 1 P.M., it crossed Cape Cod Bay, following a slightly curving northeasterly course offshore; it headed toward extreme eastern Maine and passed close by Eastport, Me. into New Brunswick shortly after 7:30 P.M. Thus, nearly all of New England, except Cape Cod and the islands to the south, were on the west or north side of the storm, and were spared the full brunt of the wind force. Highest gust velocities in these areas came with the storm's backlash and reached to above 90 m.p.h. Gusts above 100 m.p.h. were recorded on Martha's Vineyard and outer Cape Cod. However, despite this great wind force, major damage was produced by the very intensive rainfall preceding and attending the storm's onslaught. This rainfall was of excessive and near-record intensity for a number of hours and amounts of 4 to 8 inches were general along coastal areas, southeastern New England, and eastern Maine. Local floods and washouts were widespread. Southern and eastern Maine areas were especially hard hit, with 8 deaths by drowning; highways and railroad right-of-ways honeycombed with treacherous washouts; many trees felled, taking electric and telephone lines down with them; more than 40,000 phones knocked out and many communities deprived of electric power; and substantial losses to Aroostook County grain crops. Major losses in other parts of the affected areas were of a similar nature--road washouts, serious local floods, electric and telephone lines downed by felled trees.

Over New England as a whole, sixteen deaths, mostly drownings, were attributed to the storm, with about 150 reported injuries; 250,000 phones were knocked out; hundreds of communities were blacked out; all Maine and New Hampshire roads were temporarily closed; many thousands of persons in river valleys and coastal areas were forced to flee their homes either as a precautionary measure or as an emergency safety requirement.

Preliminary estimates of damage, by states, were as follows: Maine \$25,000,000; New Hampshire, \$5,500,000; Vermont, \$100,000; Massachusetts \$7,500,000; Rhode Island, \$2,000,000; Connecticut, \$500,000; total for Section, \$40,600,000. These estimates include crop as well as property losses. A further breakdown into those two categories is not available at this time.

The table on page 2 shows a summary of statistical data at a number of stations on September 11th.



# **National Oceanic and Atmospheric Administration Weather Bureau Hurricane Series**

## **ERRATA NOTICE**

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages  
Faded or light ink  
Binding intrudes into the text

This has been a co-operative project between the NOAA Central Library and the Climate Database Modernization Program, National Climate Data Center (NCDC). To view the original document contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or [Library.Reference@noaa.gov](mailto:Library.Reference@noaa.gov).

HOV Services  
Imaging Contractor  
12200 Kiln Court  
Beltsville, MD 20704-1387  
November 6, 2007

HURRICANE EDNA - SEPTEMBER 11, 1954

<u>Station</u>	<u>Barometer</u>			<u>Wind</u>		<u>Fastest Mile</u>	<u>Rainfall Total</u>
	<u>Lowest Inches</u>	<u>Mbs.</u>	<u>Time (EST)</u>	<u>Peak Gust</u>	<u>Direction</u>		
<u>Maine</u>							
Augusta	28.89	978.3	6:00 PM	92	NNW	6:40 PM 55	5.78
Bangor*	28.79	975.0	7:28 PM	90	--	8:10 PM 60	5.98
Bar Harbor*	28.63	969.5	8:00 PM	85	--	60	3.35
Brunswick*	28.80	975.3	5:28 PM	83	--	6:15 PM 67	8.05
Eastport	28.47	964.1	8:45 PM	--	--	--	1.55
Houlton	28.83	976.3	9:00 PM	58	--	9:53 PM 40	5.20
Millinocket	28.96	980.7	8:00 PM	60	--	8:28 PM 30	4.28
Old Town	28.66	970.5	7:28 PM	62	--	8:28 PM 40	5.91
Portland	28.88	978.0	4:55 PM	74	NW	5:40 PM 60	7.49
<u>New Hampshire</u>							
Concord	29.12	986.1	--	42	--	-- 37	3.02
Durham*	29.13	986.5	3:13 PM	60(1)	--	4:00 PM --	6.49
Lakeport*	29.20	988.8	2:15 PM	45	NW	5:40 PM --	3.55
Manchester*	28.98	981.4	2:00 PM	59	--	2:33 PM 52	4.99
Milford*	28.87	977.7	2:36 PM	70	N	2:36 PM --	4.59
<u>Massachusetts</u>							
Boston	28.74	973.4	2:18 PM	87	NW	3:55 PM 74	5.63
Bedford	28.91	979.0	2:28 PM	90	--	3:18 PM 80	8.48
Chatham	28.05	949.9	2:20 PM	--	--	--	--
Edgartown*	28.02	948.9	1:30 PM	--	--	--	3.23
Hyannis*	28.14	952.9	2:14 PM	100	--	3:20 PM 80	4.08
Lawrence*	--	--	--	85	--	3:00 PM 55	6.96
Martha's Vineyard Apt.*	28.10	951.6	2:00 PM	120	NW	3:00 PM --	--
Nantucket	28.17	953.9	1:45 PM	--	--	-- 73	1.64
Provincetown*	--	--	2:00 PM	85	--	2:00 PM --	1.96
Rockport*	28.57	967.5	3:15 PM	85	N	3:30 PM 75	5.80
Salem*	28.72	972.6	3:00 PM	87	--	4:17 PM 46	4.57
So. Weymouth*	28.44	963.0	2:50 PM	88	--	--	--
W. Medway*	28.83	976.3	2:15 PM(1)	64	--	3:00 PM 50	6.87
Woods Hole*	27.77	940.4	1:53 PM	95	--	2:47 PM 63	--
Worcester*	29.01	982.4	2:28 PM	81	--	-- 60	5.05
<u>Rhode Island</u>							
Block Island	28.59	968.2	12:25 PM	110	--	1:30 PM 87	4.04
Providence	28.73	972.9	1:25 PM	79	--	2:44 PM 55	4.37
Quonset Pt.*	28.61	968.7	1:35 PM	93	NNW	3:06 PM --	8.72
<u>Connecticut</u>							
Bridgeport	29.14	986.8	10:55 AM	56	NNW	10:53 AM 40	3.50
New Haven	29.08	984.8	12:15 PM	50	NNW	11:35 AM 35	4.61
New London*	28.72	972.6	11:00 AM	--	--	--	--
Putnam*	29.00	982.1	12:45 PM	75	N	12:45 PM 65	5.40
Stamford*	29.22	989.5	--	50	NW	10:50 AM 30(1)	3.67
Storrs*	29.20(1)	988.8	1:00 PM	--	--	-- 40	4.22
<u>New York</u>							
County	29.21	989.2	10:52 AM	61	NW	12:18 PM 61	4.98
LaGuardia Fld.	29.29	991.9	11:05 AM	55	N	11:59 AM 52	2.93

\*Data not officially verified (1)Estimated