

This map includes 26,486 tornadoes between 1916 and 1981 archived in the University of Chicago Tornado Tape. In producing this map, the area of the contiguous United States was divided into 12,734 small subboxes of 15'x15' latitudes and longitudes. Then the number of tornado touchdowns in each sub-box was counted by computer and printed on map coordinates.



# Damage Map of Hurricane DIANA

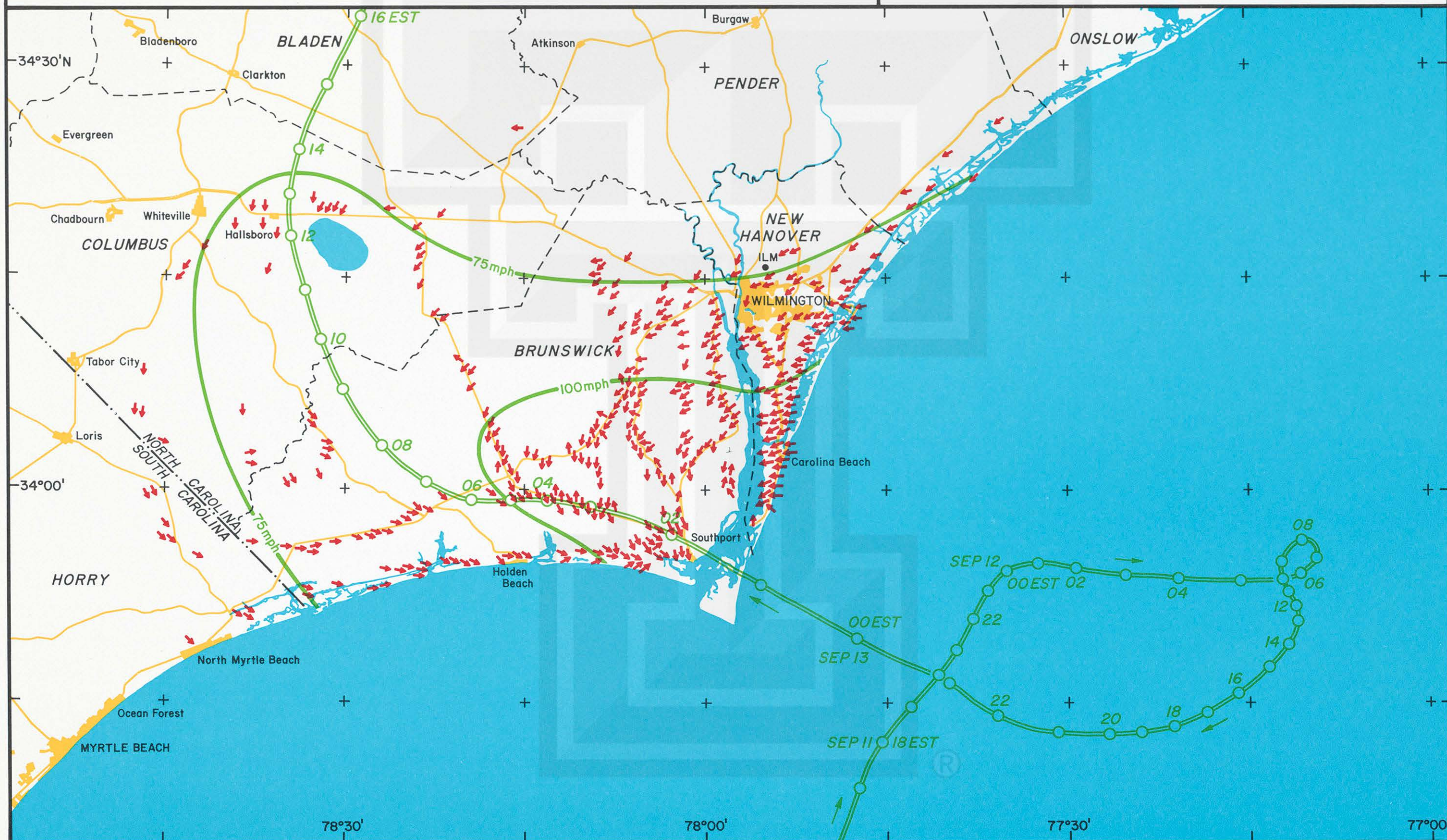
SEPTEMBER 11-13, 1984

← FO (40-72mph)  
LIGHT DAMAGE

← FI (73-112mph)  
MODERATE DAMAGE

MAPPED BY D. J. STIEGLER, THE UNIVERSITY OF CHICAGO  
FROM AERIAL & GROUND SURVEYS CONDUCTED SEPTEMBER 18-19, 1984

UNDER THE SUPPORT OF AOML'S HURRICANE RESEARCH DIVISION  
ADDITIONAL SUPPORT BY NOAA, NASA, & NESDIS



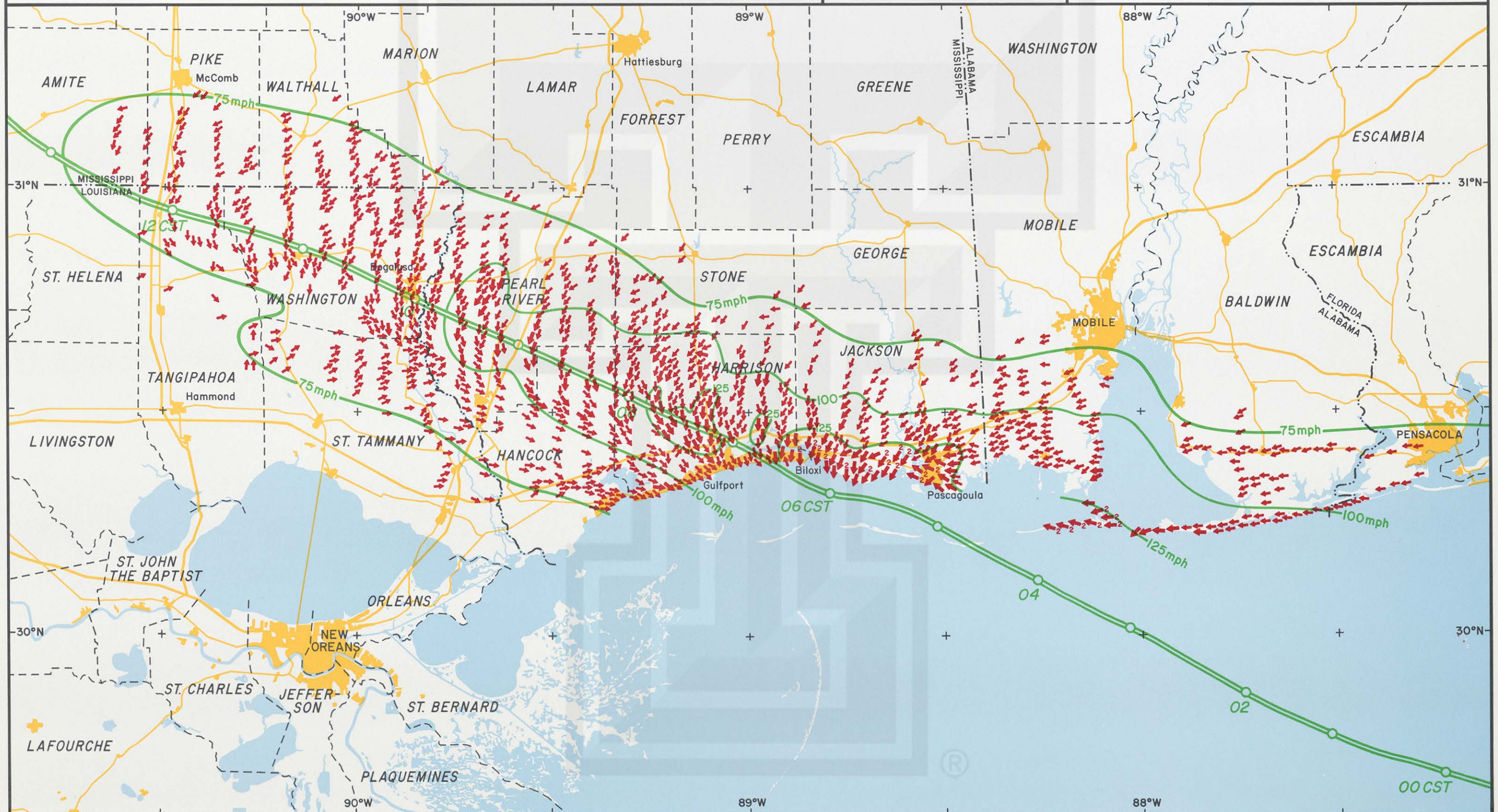


# Damage Map of Hurricane ELENA, September 2, 1985



- F0 (40-72mph) Light Damage
- F1 (73-112mph) Moderate Damage
- 2 → F2 (113-157mph) Considerable Damage

MAPPED BY D. J. STIEGLER AND B. E. SMITH  
THE UNIVERSITY OF CHICAGO  
FROM AERIAL & GROUND SURVEYS CONDUCTED SEPTEMBER 5-7, 1985  
UNDER THE SUPPORT OF AOML'S HURRICANE RESEARCH DIVISION  
ADDITIONAL SUPPORT BY NOAA, NASA, & NESDIS





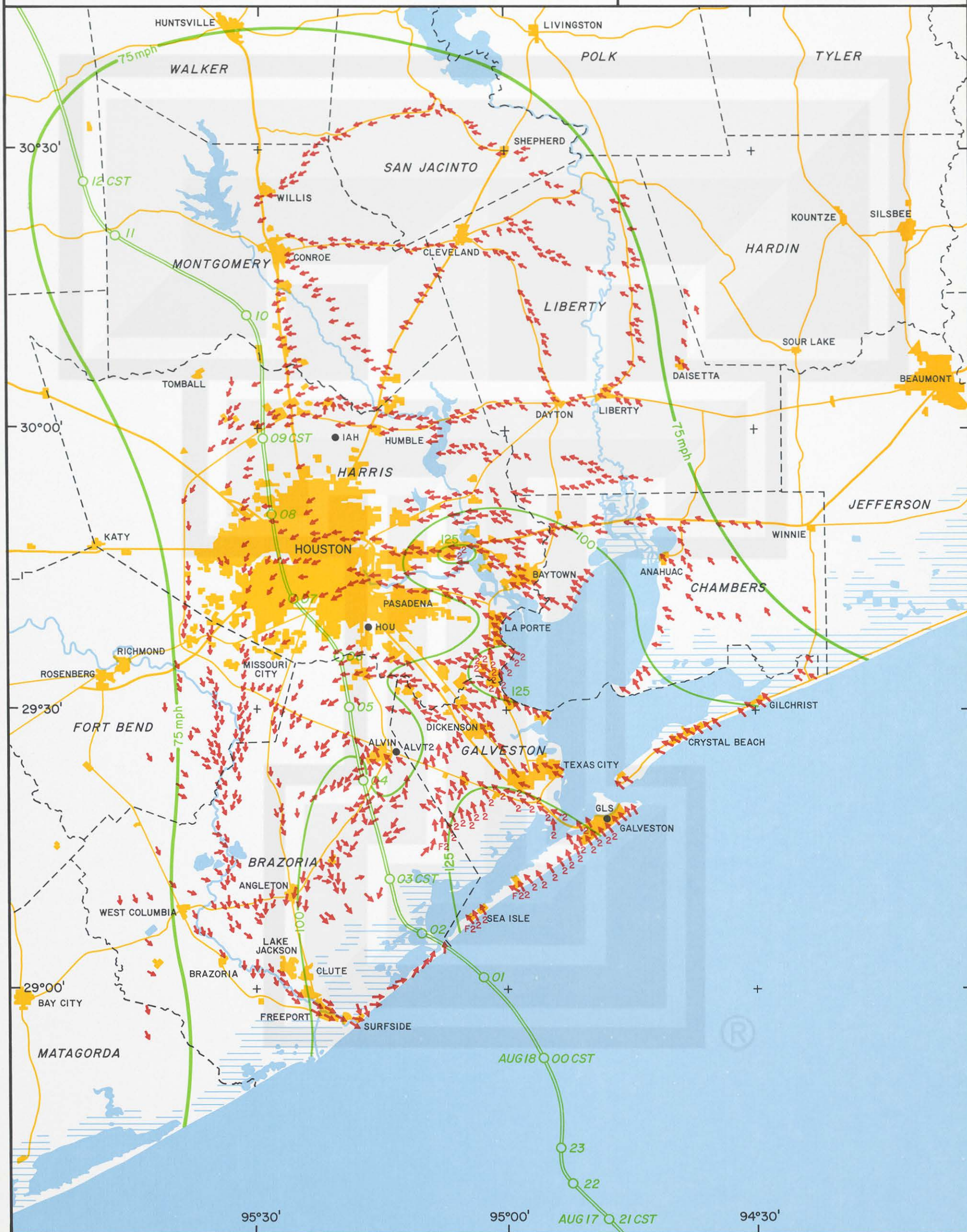
# Damage Map of Hurricane ALICIA

## AUGUST 17-18, 1983



→ F0 (40-72 mph) → F1 (73-112 mph) 2→ F2 (113-157 mph)

MAPPED BY D.J. STIEGLER  
THE UNIVERSITY OF CHICAGO  
FROM AERIAL & GROUND SURVEYS CONDUCTED AUGUST 21-25, 1983  
UNDER THE SUPPORT OF AOML'S HURRICANE RESEARCH DIVISION  
ADDITIONAL SUPPORT BY NOAA, NASA, & NESDIS



This map can be obtained by sending postage to: Atlantic Oceanographic and Meteorological Laboratory, Hurricane Research Division, 4301 Rickenbacker Causeway, Miami, Florida 33149

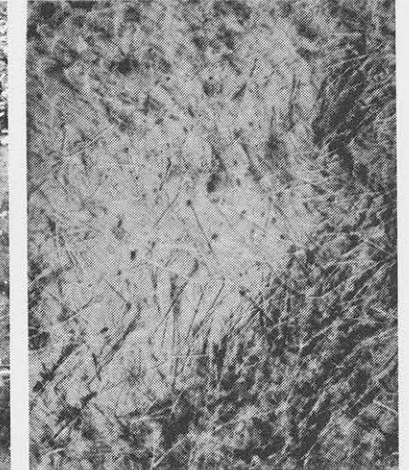
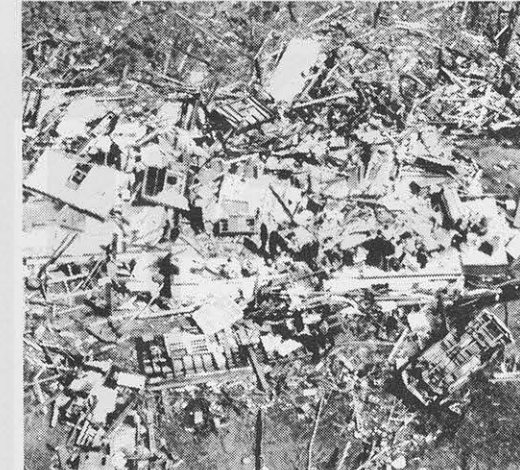
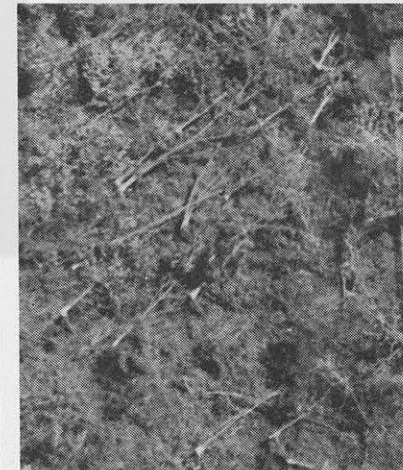


# Photographs and Description of the Fujita Tornado Scale [F0 - F5]



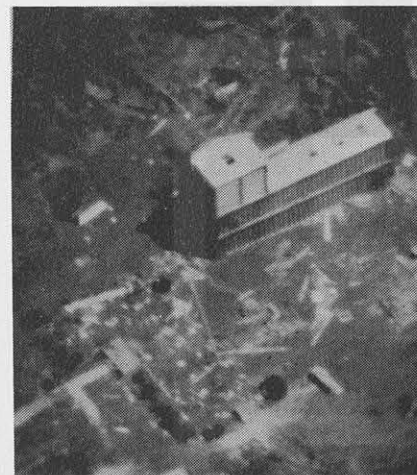
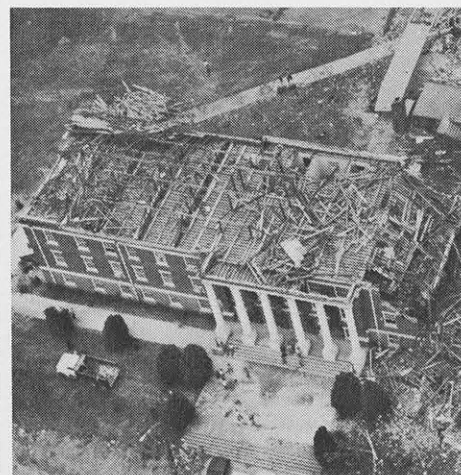
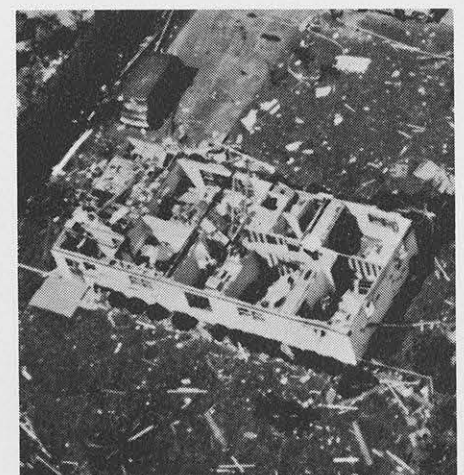
[F0] LIGHT DAMAGE (40 - 72 mph) Some damage to chimneys; break twigs and branches off trees; push over shallow-rooted trees; damage signboards; some windows broken; hurricane wind speed begins at 73 mph.

[F3] SEVERE DAMAGE (158 - 206 mph) Roofs and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off the ground and thrown; weak pavement blown off the roads.



[F1] MODERATE DAMAGE (73 - 112 mph) Peel surface off roofs; mobile homes pushed off foundations or overturned; outbuildings demolished; moving autos pushed off the roads; trees snapped or broken.

[F4] DEVASTATING DAMAGE (207 - 260 mph) Well-constructed houses leveled; structures with weak foundations blown off some distance; cars thrown and disintegrated; trees in forest uprooted and carried some distance away.



[F2] CONSIDERABLE DAMAGE (113 - 157 mph) Roofs torn off frame houses; mobile homes demolished; frame houses with weak foundations lifted and moved; large trees snapped or uprooted; light-object missiles generated.

[F5] INCREDIBLE DAMAGE (261 - 318 mph) Strong frame houses lifted off foundations and carried considerable distance to disintegrate; automobile-sized missiles fly through the air in excess of 300 ft; trees debarked; incredible phenomena will occur.