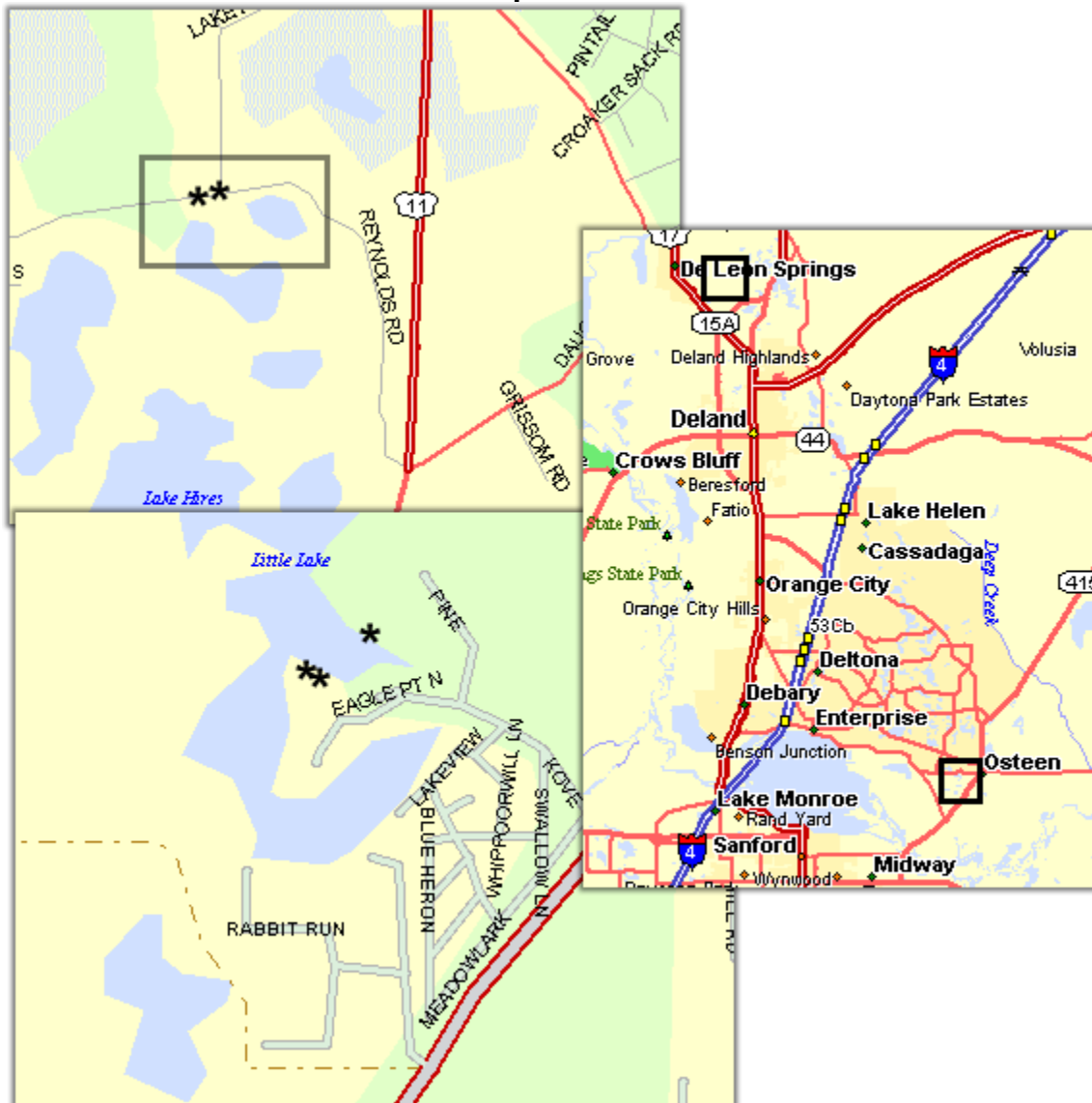


Severe Storms of April 8, 2004

In the early afternoon of April 8th, severe storms rolled through the central Florida area, causing scattered areas of damage in the area north of Sanford and west of Daytona Beach. Damage areas in De Leon Springs and in the Cove Estates area near Osteen were surveyed to determine the character of the storm.

Map of Area



Damage Photos







Products issued by NWS in Melbourne:

FLUS42 KMLB 081544 CCA
HWOMLB

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE MELBOURNE FL
1145 AM EDT THU APR 8 2004

AMZ550-555-570-575-FLZ041-044>047-053-054-058-059-064-141-144-147-
082100-
COASTAL VOLUSIA-COCOA BEACH TO JUPITER INLET 20 NM TO 60 NM OFFSHORE-
COCOA BEACH TO JUPITER INLET OUT TO 20 NM-
FLAGLER BEACH TO COCOA BEACH 20 NM TO 60 NM OFFSHORE-
FLAGLER BEACH TO COCOA BEACH OUT TO 20 NM-INDIAN RIVER-
INLAND VOLUSIA-MARTIN-NORTHERN BREVARD-NORTHERN LAKE-OKEECHOBEE-
ORANGE-OSCEOLA-SEMINOLE-SOUTHERN BREVARD-SOUTHERN LAKE-ST. LUCIE-
1107 AM EDT THU APR 8 2004

.DAY ONE...

...THUNDERSTORM IMPACT...

A FRONTAL BOUNDARY MOVING ACROSS THE SOUTHEAST STATES AND THE
NORTHEAST GULF OF MEXICO WAS PRODUCING A LINE THUNDERSTORMS OVER
NORTH FLORIDA. AS THE LINE OF STORMS MOVES EAST DURING THE DAY...
THUNDERSTORMS WILL DEVELOP OVER THE NORTHERN PORTIONS OF EAST
CENTRAL FLORIDA AND THE NORTHERN COASTAL WATERS. SOME OF THE STORMS
OVER THE NORTHERN COUNTIES MAY PRODUCE WIND GUSTS OVER 55 MPH AND
HAIL NICKEL SIZE OR LARGER. DEADLY CLOUD TO GROUND LIGHTNING WILL
ACCOMPANY ALL THE STORMS. THE STRONGEST STORMS MAY HAVE THE
POTENTIAL TO PRODUCE A BRIEF TORNADO OVER NORTH LAKE AND INLAND
VOLUSIA COUNTIES.

...WIND AND SEA IMPACT...

WEST WINDS BETWEEN 15 AND 20 KNOTS WILL PREVAIL ACROSS THE COASTAL
WATERS OF EAST CENTRAL FLORIDA TODAY. THESE WINDS WILL GENERATE
SEAS BETWEEN 2 AND 3 FEET SEAS NEARSHORE...AND UP TO 6 FEET
OFFSHORE. IN ADDITION...THE OFFSHORE WIND COMPONENT WILL CREATE

CHOPPY SEAS WITH WAVE PERIODS NEAR OR BELOW 5 SECONDS. SMALL CRAFT OPERATORS SHOULD EXERCISE CAUTION OVER THE OPEN ATLANTIC TODAY AND REMAIN CLOSE TO SHORE IF POSSIBLE.

...MARINE THUNDERSTORM GUST IMPACT...

THUNDERSTORMS MOVING OFF THE MAINLAND BETWEEN FLAGLER BEACH AND COCOA BEACH MAY PRODUCE GUSTY WINDS AS THEY MOVE EAST AT 20 MPH. AN ISOLATED THUNDERSTORM MAY PRODUCE WIND GUSTS OVER 40 KNOTS.

.DAYS TWO THROUGH SEVEN...

A STORM SYSTEM WILL MOVE ACROSS FLORIDA SUNDAY NIGHT AND MONDAY. THIS SYSTEM MAY GENERATE SCATTERED THUNDERSTORMS WITH DEADLY LIGHTNING AND GUSTY WINDS AS THE SYSTEM PULLS A COLD FRONT INTO FLORIDA.

.SPOTTER INFORMATION STATEMENT...

SKYWARN NETWORKS ARE REQUESTED TO ACTIVATE IN THE FOLLOWING COUNTIES...VOLUSIA...LAKE...ORANGE...SEMINOLE.

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WIMMER

FPUS72 KMLB 081617
NOWMLB

SHORT TERM FORECAST
NATIONAL WEATHER SERVICE MELBOURNE FL
1215 PM EDT THU APR 8 2004

FLZ041-044>046-141-144-147-081800-
COASTAL VOLUSIA-INLAND VOLUSIA-NORTHERN BREVARD-NORTHERN LAKE-ORANGE-
SEMINOLE-SOUTHERN LAKE-
1215 PM EDT THU APR 8 2004

.NOW...

THROUGH 2 PM...A VERY STRONG STORM CAPABLE OF PRODUCING WINDS IN EXCESS OF 45 MPH...SMALL HAIL AND FREQUENT LIGHTNING WILL MOVE EAST SOUTHEAST AT 35 MPH ACROSS VOLUSIA COUNTY. THIS STORM WILL MOVE ACROSS LAKE GEORGE TO DE LEON SPRINGS AND TO INTERSTATE 4 IN CENTRAL VOLUSIA COUNTY. ADDITIONAL SHOWERS AND LIGHTNING STORMS WILL MOVE ACROSS NORTHERN LAKE COUNTY FROM LADY LAKE TO UMATILLA AND EAST TO PAISLEY AND FOREST HILLS. THESE STORMS WILL CONTAIN HEAVY RAIN...CLOUD TO GROUND LIGHTNING STRIKES AND POSSIBLE SMALL HAIL.

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WWUS82 KMLB 081631
SPSMLB

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE MELBOURNE FL

1230 PM EDT THU APR 8 2004

FLZ041-141-081715-

COASTAL VOLUSIA COUNTY-INLAND VOLUSIA COUNTY-

1230 PM EDT THU APR 8 2004

...STRONG STORM CAPABLE OF PRODUCING WINDS FROM 40 TO 45 MPH AND
SMALL HAIL ACROSS VOLUSIA COUNTY...

AT 1228 PM EDT...NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED A
STORM CAPABLE OF PRODUCING STRONG WINDS BETWEEN 40 AND 45 MPH AND
SMALL HAIL OVER BARBERVILLE...MOVING EAST AT 40 MPH.

THIS STORM WILL TRACK ACROSS DELAND...SPRUCE CREEK AND TOWARD THE
COAST NEAR NEW SMYRNA BEACH THROUGH 115 PM.

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WUUS52 KMLB 081651

SVRMLB

FLC127-081730-

BULLETIN - EAS ACTIVATION REQUESTED
SEVERE THUNDERSTORM WARNING
NATIONAL WEATHER SERVICE MELBOURNE FL
1250 PM EDT THU APR 8 2004

THE NATIONAL WEATHER SERVICE IN MELBOURNE HAS ISSUED A

* SEVERE THUNDERSTORM WARNING FOR...
CENTRAL VOLUSIA COUNTY
IN EAST CENTRAL FLORIDA

* UNTIL 130 PM EDT

* AT 1245 PM EDT...NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED A
SEVERE THUNDERSTORM OVER DE LEON SPRINGS...MOVING EAST AT 30 MPH.

* THE SEVERE THUNDERSTORM WILL BE...
9 MILES SOUTH OF WILBUR BY THE SEA AT 125 PM EDT
NEAR NEW SMYRNA BEACH...8 MILES SOUTHWEST OF PONCE INLET AT 130 PM
EDT

THIS IS A DANGEROUS STORM. PREPARE FOR DAMAGING WINDS IN EXCESS OF 58
MILES AN HOUR...LARGE HAIL AND DEADLY...EXCESSIVE LIGHTNING. MOVE
INDOORS TO A STURDY BUILDING AWAY FROM WINDOWS. SEVERE THUNDERSTORMS
OCCASIONALLY PRODUCE TORNADOES WITH LITTLE OR NO WARNING.

LAT...LON 2921 8136 2904 8143 2888 8098 2909 8090

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NWUS52 KMLB 082343
LSRMLB

PRELIMINARY LOCAL STORM REPORT ... UPDATED
NATIONAL WEATHER SERVICE MELBOURNE FL
740 PM EDT THU APR 08 2004

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...MAG....	..COUNTY LOCATION...ST..	...SOURCE....
..REMARKS..			
0100 PM 04/08/2004	TSTM WIND DMG	1 W DE LEON SPRINGS VOLUSIA	29.12N 81.37W FL LAW ENFORCEMENT
NEAR DE LEON SPRINGS LAKE HIRES AND REYNOLDS ROAD. THREE HOUSES AND A GARAGE DAMAGED. TREE THROUGH ROOF OF ONE HOUSE. NWS OFFICIALS INVESTIGATED AREA AND DETERMINED DAMAGE WAS CAUSED BY STRAIGHT LINE TSTM WINDS.			
0101 PM 04/08/2004	HAIL 1.00 INCH	PORT ORANGE VOLUSIA	29.16N 81.00W FL PUBLIC
ONE INCH HAIL, SECTION OF PRIVACY FENCE REMOVED BY WINDS, POST SET IN CONCRETE BLOWN DOWN.			
0128 PM 04/08/2004	HAIL 0.88 INCH	DE BARY VOLUSIA	28.88N 81.31W FL PUBLIC
CITY OF DE BARY EMPLOYEE			
0150 PM 04/08/2004	TSTM WND DMG	OSTEEN VOLUSIA	28.85N 81.16W FL PUBLIC
LARGE SIGN DAMAGED, 3 BUILDINGS DAMAGED, ROOF PEELED OFF, ALL NEAR SKIP'S WESTERN STORE IN OSTEEN.			
0203 PM 04/08/2004	HAIL 0.75 INCH	SCOTTSMOOR BREVARD	28.77N 80.87W FL TRAINED SPOTTER
STORM SPOTTER REPORTED DIME SIZE HAIL AT 203 PM.			
0250 PM 04/08/2004	TSTM WND DMG	ORLANDO ORANGE	28.50N 81.37W FL PUBLIC
REPORT OF TREES DOWN ON SR 436 JUST NORTH OF ORLANDO INTERNATIONAL AIRPORT.			
0325 PM 04/08/2004	HAIL 0.75 INCH	COCOA BREVARD	28.38N 80.75W FL PUBLIC
BREVARD COMMUNITY COLLEGE, 2 MILES SOUTH OF SR 528. PEA TO DIME SIZE HAIL COVERED THE GROUND. WIND ESTIMATED AT 50-60 MPH.			
0329 PM 04/08/2004	HAIL 0.88 INCH	W COCOA BREVARD	28.38N 80.75W FL TRAINED SPOTTER
NR CLEARLAKE ROAD AND US 1. NICKEL SIZE.			
0330 PM	HAIL	COCOA	28.39N 80.76W

04/08/2004 0.25 INCH BREVARD FL PUBLIC

WEATHER SPOTTER REPORTED PEA SIZE/QUARTER INCH HAIL. HAIL
LASTED 5 MINUTES FOLLOWED BY HEAVY RAIN AND GUSTY WINDS,
RIPPING LIMBS FROM TREES.

0351 PM TSTM WND GST PATRICK AIR FORCE BASE 28.23N 80.60W
04/08/2004 59 MPH BREVARD FL OTHER FEDERAL

US AIR FORCE OBSERVATION KCOF 1551 EDT 350/30G51KTS

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JOC/AC