



FLORIDA KEYS

National Weather Service Forecast Office

<http://www.weather.gov/keywest>

ISSUED: 1130 AM EDT THU SEP 30 2010

A WET 24-HOUR PERIOD FOR THE MIDDLE AND UPPER KEYS SEVERE FLOODING OCCURRED IN PORTIONS OF THE UPPER KEYS

A VERY WET 24-HOUR PERIOD WAS OBSERVED ACROSS THE MIDDLE AND UPPER KEYS STARTING ON THE NIGHT OF THE 28TH THROUGH THE LATE AFTERNOON OF THE 29TH. THIS WAS GENERATED BY THE INTERACTION BETWEEN A BROAD AREA OF LOW PRESSURE AND ASSOCIATED TROPICAL MOISTURE MOVING NORTH OUT OF THE WESTERN CARIBBEAN SEA, AND A DEEP TROUGH OF LOW PRESSURE DIGGING INTO EXTREME SOUTH FLORIDA AND FLORIDA STRAITS. RAINFALL AMOUNTS RANGED FROM 0.08 INCHES AT THE KEY WEST INTERNATIONAL AIRPORT TO 12.71 INCHES IN NORTH KEY LARGO.

PRELIMINARY RAINFALL DATA FROM THE 28TH AND 29TH ARE LISTED BELOW IN INCHES.

PRELIMINARY RAINFALL TOTALS FOR SEPTEMBER 28TH & 29TH 2010

Location (Station Type)	Rainfall (Inches)
North Key Largo (HANDAR)	12.71
Long Key (CWOP)	10.91
Key Largo (CWOP)	9.75
Curry Hammock State Park (COOP)	6.95
Duck Key (COOP)	6.43
Florida Keys Marathon Airport (ASOS)	3.85
Pigeon Key (CWOP)	3.82
Boca Chica Naval Air Station (ASOS)	0.56
Ramrod Key (CWOP)	0.39
Cudjoe Key (CWOP)	0.14
Key West WFO (NWS)	0.11
Key West International Airport (ASOS)	0.08

RAINFALL ESTIMATES BASED ON RADAR DATA FROM KEY WEST AND MIAMI INDICATE THAT PLACES IN THE MIDDLE AND UPPER KEYS RECEIVED AN IMPRESSIVE AMOUNT OF RAINFALL. ESTIMATES SHOW PORTIONS OF THE UPPER KEYS RECEIVED BETWEEN 10 AND 15 INCHES OF RAINFALL AND EASTERN PORTIONS OF THE MIDDLE KEYS RECEIVED 7 TO 12 INCHES OF RAINFALL. OVERALL, IT WAS A WET DAY FOR THE KEYS. THE HEAVY RAIN EVENTUALLY ENDED IN THE UPPER KEYS LATE IN THE AFTERNOON ON THE 29TH. DRIER CONDITIONS ARE ANTICIPATED OVER THE NEXT COUPLE OF DAYS WITH WINDS GENERALLY BLOWING IN FROM THE NORTH.