



FLORIDA KEYS

National Weather Service

Forecast Office

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KEY WEST INTERNATIONAL AIRPORT HAS A NEAR-NORMAL AUGUST 3RD WARMEST AUGUST FOR MARATHON AREA IN ALMOST 30 YEARS VERY WET MONTH FOR MOST OF THE MIDDLE AND UPPER KEYS

MONTHLY TEMPERATURES IN AUGUST WERE SLIGHTLY ABOVE THE 30-YEAR AVERAGE IN KEY WEST AND WARMER STILL IN MARATHON. TEMPS AT THE KEY WEST INTERNATIONAL AND FLORIDA KEYS MARATHON AIRPORTS AVERAGED 85.1 AND 86.0 DEGREES FAHRENHEIT... RESPECTIVELY. THESE MEAN VALUES WERE 0.7 DEGREES ABOVE NORMAL FOR KEY WEST AND 1.6 DEGREES ABOVE NORMAL FOR MARATHON...WITH 30-YEAR AVERAGES AT BOTH SITES OF 84.4 DEGREES.

WHILE THE KEY WEST AIRPORT APPEARS TO HAVE EXPERIENCED RELATIVELY NORMAL AUGUST TEMPERATURES...ADDITIONAL RAINFALL REPORTS THROUGHOUT KEY WEST AND ALONG THE FLORIDA KEYS TELL A DIFFERENT STORY. RAINFALL AT THE KEY WEST AIRPORT WAS 5.01 INCHES... AND AT THE MARATHON AIRPORT IT WAS 8.56 INCHES. THESE VALUES PUT KEY WEST 0.39 INCHES BELOW NORMAL...WHILE LEAVING MARATHON WITH A SURPLUS OF 3.56 INCHES.

AUGUST RAINFALL AMOUNTS ALONG THE KEYS ISLAND CHAIN WERE AS LOW AS 3.75 INCHES AT FORT JEFFERSON IN DRY TORTUGAS NATIONAL PARK...AND HIGHEST ON LOWER MATECUMBE KEY WITH 12.58 INCHES. IN CONTRAST TO THE FOOT OF RAIN ON LOWER MATECUMBE...A COOP SITE ON PLANTATION KEY RECEIVED LESS THAN HALF OF THAT AMOUNT TOTALING JUST 5.53 INCHES.

RAINFALL VARIABILITY WAS ALSO A SIGNIFICANT FACTOR FOR KEY WEST LAST MONTH. THE AIRPORT RECEIVED THE LEAST AMOUNT OF 3 SEPARATE SITES THROUGHOUT THE CITY. AT THE FLORIDA KEYS WEATHER FORECAST OFFICE ON WHITE STREET 7.40 INCHES OF RAINFALL WAS MEASURED...AND 6.62 INCHES APPROXIMATELY A MILE NORTH OF THE AIRPORT.

BELOW ARE PRELIMINARY RAINFALL TOTALS FOR AUGUST ALONG THE KEYS ISLAND CHAIN...COMPARING 2010 TO 2009 AND THE DEPARTURES FROM NORMAL VALUES WHERE AVAILABLE.

AUGUST 2010 RAINFALL TOTALS/DEPARTURE FROM NORMAL/2009 IN INCHES

Station – Station Type	2010	Dep. fm Normal	2009	Dep. fm 2009
Dry Tortugas National Park – <i>COOP</i>	3.75		4.13	-0.38
Key West WFO – <i>NWS</i>	7.40	+2.00	4.56	+2.48
Key West International Airport – <i>ASOS</i>	5.01	-0.39	4.91	+0.10
Key West (NE side) – <i>CoCoRaHS</i>	6.62		5.83	+0.79
Big Coppitt Key – <i>CoCoRaHS</i>	6.61		10.41	-3.80
Cudjoe Key – <i>CoCoRaHS</i>	6.72		10.96	-4.24
Cudjoe Key – <i>Citizen Observer</i>	5.21		6.89	-1.68
Bahia Honda State Park – <i>COOP</i>	6.04		2.05	+3.99
Florida Keys Marathon Airport – <i>ASOS</i>	8.56	+3.56	5.94	+2.62
Curry Hammock State Park – <i>COOP</i>	8.96	+3.96	3.78	+5.18
Duck Key – <i>COOP</i>	9.45	+4.45	5.17	+4.28
Islamorada – <i>COOP</i>	5.53		3.57	+1.96
Islamorada – <i>CoCoRaHS</i>	12.58		3.47	+9.11
John Pennekamp State Park – <i>COOP</i>	8.28		3.49	+4.79
Key Largo – <i>CoCoRaHS</i>	8.53		2.58	+5.95

NORMAL VALUES FOR KEY WEST LOCATIONS ARE THE AVERAGE OF 1979-2000 AT THE KEY WEST INTERNATIONAL AIRPORT...AND FOR THE MARATHON AREA THEY ARE THE AVERAGE SPANNING 1982-2004 AT DUCK KEY. RECORDS ARE NOT YET TRACKED AT THE MARATHON AIRPORT DUE TO THE SHORT PERIOD OF ASOS DATA.