

Tropical Storm Isaac August 23-24, 2012

CariCOOS – Wind Analysis

by

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Wind Analysis Summary Table

STAT ID	Lat. (DMS)	Long. (DMS)	City, State	Time Stamp (Local)	Max Mean Wind Speed (mph)	Max Mean Wind Direction (deg.)	Max Gust Wind Speed (mph)	SSHS 1 minute @ 10 m height $z_0 = 0.003$ (mph)	Wind Force Classification
XMRS	17° 55' 42.92" N	66° 9' 34.92" W	Guayama, PR	08/24/2012 08:40 AM	46.1	146	61.6	51.6	Tropical Storm
XAGU	18° 25' 58.62" N	67° 9' 23.87" W	Aguadilla	08/23/2012 01:35 PM	16.6	53	18.4	20.5	Below Tropical Storm
XBUK	18° 16' 41.63" N	64° 53' 33.36" W	Buck Island, VI	08/23/2012 08:30 AM	47.4	94	65.0	60.5	Tropical Storm
XWGO	18° 21' 19.33" N	64° 58' 0.95" W	Crown Mountain, VI	08/23/2012 01:25 AM	31.8	58	41.3	37.1	Near Tropical Storm
XREY	18° 17' 21.77" N	65° 37' 55.2" W	Fajardo, PR	08/23/2012 02:35 AM	33.7	137	39.7	35.9	Near Tropical Storm
XGUR	18° 15' 22.43" N	65° 59' 30.01" W	Gurabo, PR	08/23/2012 11:50 AM	17.9	109	30.6	23.7	Below Tropical Storm
XJUA	18° 27' 18.43" N	66° 7' 42.46" W	San Juan, PR	08/23/2012 10:25 AM	30.4	93	38.1	32.2	Below Tropical Storm
XCRX	17° 40' 39.76" N	64° 53' 59.6" W	Sandy Point, VI	08/24/2012 01:25 AM	32.0	219	39.8	42.4	Tropical Storm
XSAV	18° 20' 14.53" N	65° 4' 58.8" W	Savana, VI	08/23/2012 01:15 PM	37.8	126	48.2	57.5	Tropical Storm
XBRO	18° 20' 34.48" N	64° 49' 2.28" W	Two Brothers, VI	08/23/2012 04:15 PM	39.6	141	48.9	46.5	Tropical Storm
XYAB	18° 3' 8.82" N	65° 49' 41.12" W	Yabucoa, PR	08/23/2012 04:30 PM	35.0	145	45.2	38.8	Near Tropical Storm
XAMA	18° 19' 48.97" N	64° 55' 35" W	Charlotte Amalie, VI	08/24/2012 02:30 PM	34.6	198	43.2	43.8	Tropical Storm
MAY	18° 13' 4.8" N	67° 9' 32.4" W	Mayaguez, PR	08/24/2012 10:12 PM	17.9	123	32.0	31.9	Below Tropical Storm
ARC	18° 28' 48" N	66° 42' 7.2" W	Arecibo, PR	08/22/2012 10:00 PM	21.5	48	33.0	23.3	Below Tropical Storm
CBRO	17° 58' 23.16" N	67° 9' 46.08" W	Cabo Rojo, PR	08/24/2012 08:57 PM	26.0	125	44.0	-	-
BUOY C	18° 14' 55.8" N	64° 45' 44.4" W	Buoy C, VI	08/23/2012 04:20 PM	31.9	119.2	48.9	39.6	Tropical Storm
BUOY A	17° 51' 36.6" N	66° 31' 25.8" W	Buoy A, PR (Ponce)	08/24/2012 08:40 AM	32.2	123.3	53.4	40.0	Tropical Storm
BUOY B	18° 28' 27.6" N	66° 5' 57" W	Buoy B, PR (San Juan)	08/23/2012 07:10 AM	27.9	83.6	39.7	34.7	Below Tropical Storm
C-RIN	18° 26' 32.14" N	67° 15' 5.11" W	Rincón, PR	08/22/2012 07:25 PM	22.3	25.39	34.2	32.6	Below Tropical Storm