

Commonwealth of Puerto Rico
Governor Office
Environmental Quality Board



Exceptional Events
Particulate Matter Documentation
Air Quality Data
2008



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Acronyms

AQS: Air Quality System

CFR: Code Federal Register

PREQB: Puerto Rico Environmental Quality Board

EPA: Environmental Protection Agency

FRM: Federal Reference Method

NAAQS: *National Ambient Air Quality Standards*

NASA: National Aeronautics and Space Administration

PM_{2.5}: Fine Particulate matter

PM₁₀: Particulate Matter

PR: Puerto Rico

Executive Summary

The Exceptional Events rule that was promulgated in 2007 in 40 CFR 50.14 (c) (3)(ii) and required, that a state may request exclusion of data for exceptional events for data collected during 2008. This document is the demonstration of the exceptional events for the PM_{2.5} and PM₁₀ data that were affected during 2008 year.

According to the rule, an exceptional events are unusual or naturally occurring events that can affect air quality but are not reasonably controllable or preventable, if an event is determined to be a qualifying exceptional event according to section IV.D, a State, or designated local agency may petition EPA to classify the event as exceptional. This rule establishes the procedures and criteria that will be used to identify, evaluate, interpret and use monitored air quality data for comparison to the National Ambient Air Quality Standards (NAAQS) in situations where state, local, and tribal air quality agencies request special treatment because the data has been affected by an exceptional event.

This final rule:

- ensures that air quality measurements are properly evaluated and characterized with regard to their causes,
- identifies reasonable actions that should be taken to address the air quality and public health impacts caused by these types of events,
- avoids imposing unreasonable planning requirements on state, local, and tribal air quality agencies related to violations of the NAAQS due to exceptional events, and
- ensures that the use of air quality data, whether afforded special treatment or not, is subject to full public disclosure and review.

In compliance with the exceptional events rule, the Puerto Rico Environmental Quality Board (PREQB) prepared a support document which discuss the rationale to apply air quality data flags on fine particulate matter (PM_{2.5} and PM₁₀) concentrations that may have been impacted by exceptional events. Any exceptional event flags that EPA Region 2 concurs will be excluded from use in determinations of exceedances with the NAAQS.

Evaluation:

In order to meet the criteria under the exceptional event rule PREQB provides documentation to support the request that included wind trajectories, meteorological data (including graphs, charts, and various satellite images), and statistical analysis. Each PM₁₀ and PM_{2.5} 24-hr average concentration requested for exclusion was first evaluated against criteria, which includes a two-step analysis. This analysis was designed to compare the requested value to historical

values observed at the site and determine whether the concentration was an extreme value data and could have been caused by the flagged event.

Step 1: Monthly 85 Percentile Comparison¹

Using the 24-hr particulate matter data Air Quality System (AQS) for 2004-2007, a comparison three year upper 85 percentile was calculated for the month in which the requested value was collected. The calculated three-year mean upper 85 percentile was considered to represent the range of normally expected high values at that site due to normal local and background sources. If the requested value was below the calculated three-year monthly upper 85 percentile, the concentration was not considered exceptional events. These mean that insufficient evidence to demonstrate that the exceedance was caused by the suspected event as required by 40 CFR Parts 50.14.

Step 2: Fifty Percent of the NAAQS Comparison

In order to classify the concentration as exceptional event each value was compared to the 50% of the NAAQS. The following table includes the 50% for each parameter.

Parameter	% NAAQS
PM ₁₀	≥ 75
PM _{2.5}	≥ 17.5

If the requested value is greater than 50% and EQB has evidence that PR was affected by natural events, the value was classified as exceptional events. The values that meet all the conditions described above were then evaluated against the requirements of 40 CFR 50.14.

Data Evaluation:

In Puerto Rico the air quality is affected by Saharan dust, and volcanic ash from Le Soufriere at Monserrate Island.

- a. In Puerto Rico the impact of the Saharan dust is documented in many ways. It includes spectacular images from satellite, but even these images do not quantify how much and what kind of particles will travel to the Island. The stations classify as FRM, their filters have always shown clearly in their colors, the impact of Saharan dust by the distinctive reddish-brown color².
- b. Montserrat Volcanic Eruptions: Ambient concentrations of particulate matter for which volcanic activity caused or significantly contributed to high levels of particulate matter in an affected area will be treated as natural events.

¹ Appendix A – Graph of Demonstration Variability and Extreme Value by Station

² Appendix B Figure: PM₁₀ Filter Clean Industrial impacted and Saharan impacted

The volcanic activities affect air quality data related to the particulate matter NAAQS for an extended period of time after an event. Volcanic events can contribute to ambient concentrations of particulate matter due primary emissions of ash and as precursor pollutant like sulfur dioxide that contribute to the secondary formation of particulate matter.

The particulate matter that is request to be excluded as affected by an exceptional event is only the data collected by from the stations classified as the federal reference method (FRM). The PREQB identified twenty-five (25) concentrations that were potentially impacted by Sahara Dust and Volcanic ash. In the tables (1-6), the observed concentration are provided, along to EPA preliminary response to the submittal. Documentation submitted by PREQB claims that Sahara dust and volcanic ash affected significantly the concentration from the sites listed in the tables. Each table represents a date and shows the site and the concentration.

PREQB includes in the next section maps and satellite photos that demonstrate that the Sahara Dust and Volcanic Ash from Le Soufriere affected Puerto Rico.

Summary of Maps and Graphs

Maps and graphs were generated to provide the PREQB submittal. The graphs and maps was obtained from the:

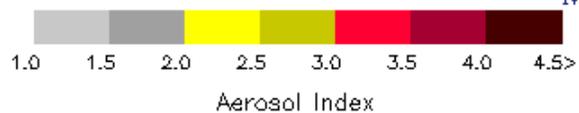
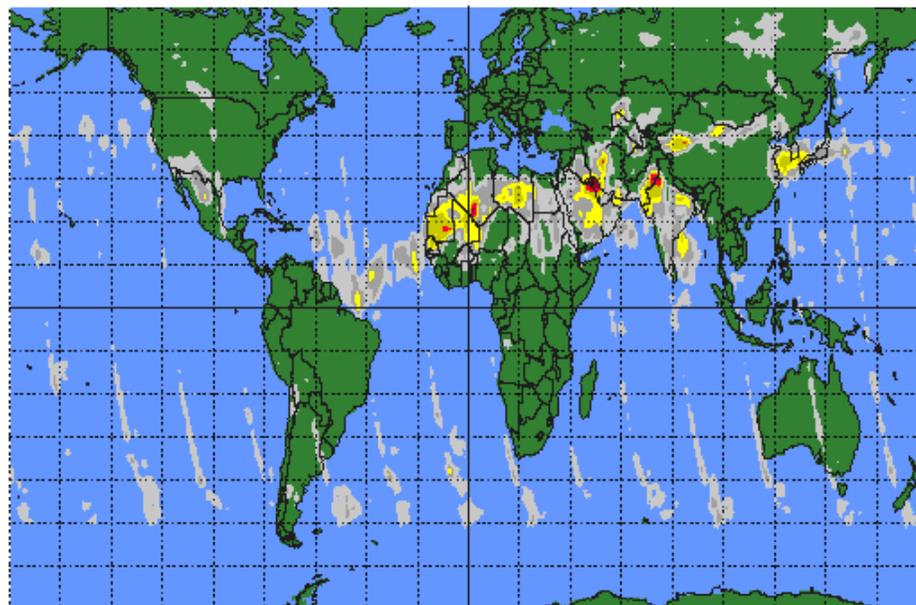
- Naval Research Lab; <http://www.nrlmry.navy.mil/aerosol/#aerosolobservations>
- NASA (MODerate Resolution Imaging Spectroradiometer) Terra <http://modis-atmos.gsfc.nasa.gov/IMAGES/index.html>
- Weather Underground: <http://espanol.wunderground.com/airport/TISK>

This may include maps using data from AQS, the National Aeronautics and Space Administration (NASA), and the Navy Aerosol Analysis and prediction System (NAAPS). Also, the ambient air monitoring data used in the analysis was obtained from the EPA AQS database.

Table 1			
May 7, 2008			
Station (AIRS Number)	Location	Parameter	Concentration
72-053-0003	Fajardo	88101 (PM _{2.5})	18.51
72-061-0005	Guaynabo	88101 (PM _{2.5})	18.88

Date: May 7, 2008
Sources

OMI Aerosol Index
on May 07, 2008



NIVR-FMI-NASA-KNMI



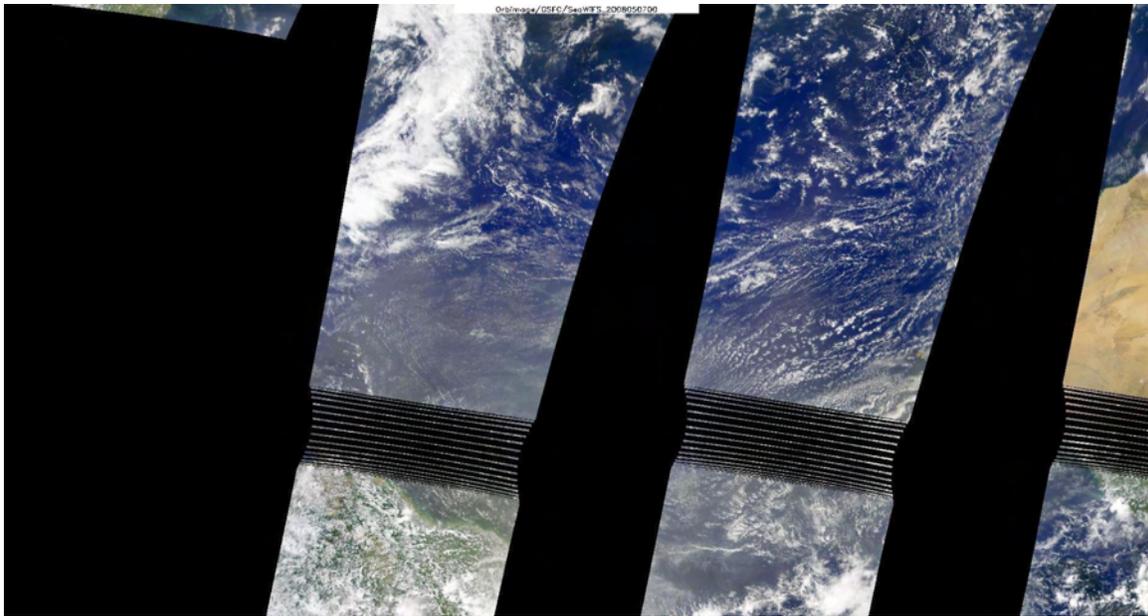


Fig. 1. Date: 2008 05 07 Source: Naval Research Lab.
<http://www.nrlmry.navy.mil/aerosol/#aerosolobservations>

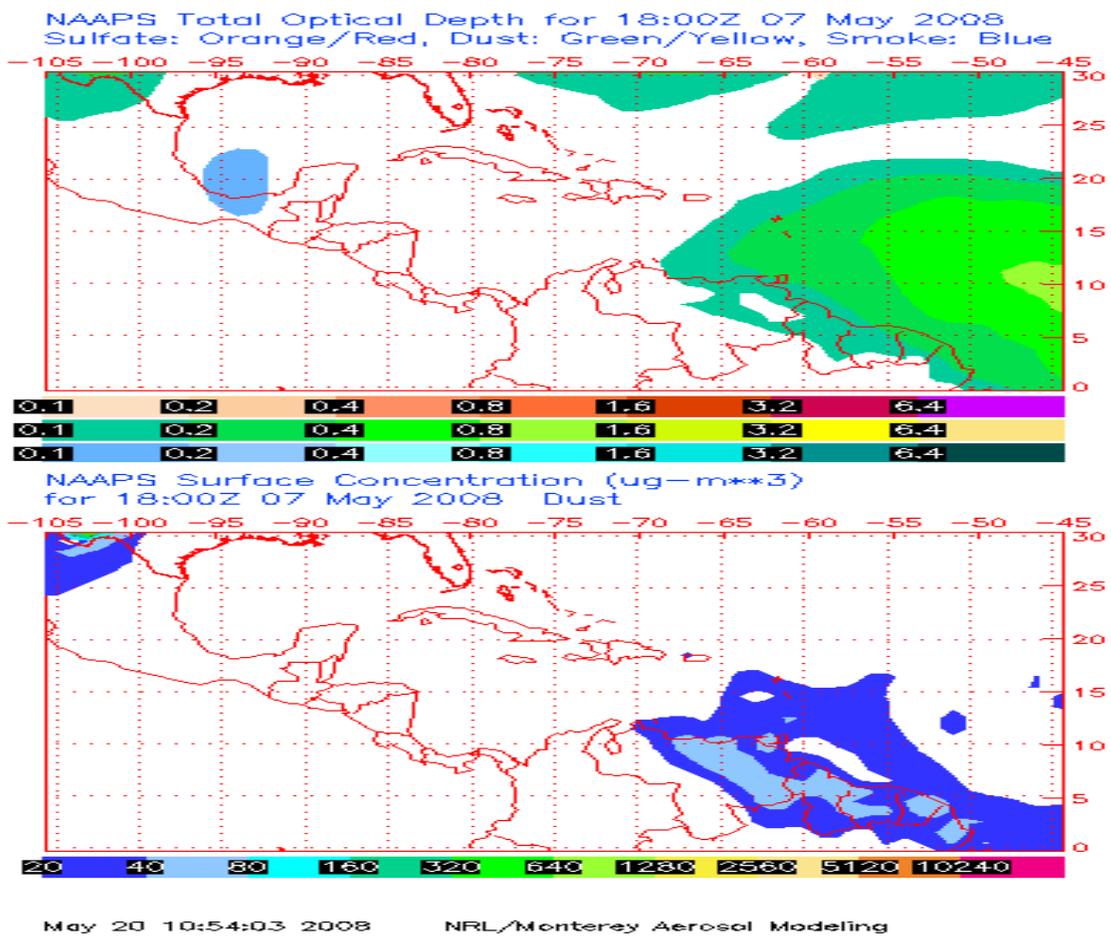


Fig. 2. Date: 2008 05 07 Source: Naval Research Lab.
<http://www.nrlmry.navy.mil/aerosol/#aerosolobservations>

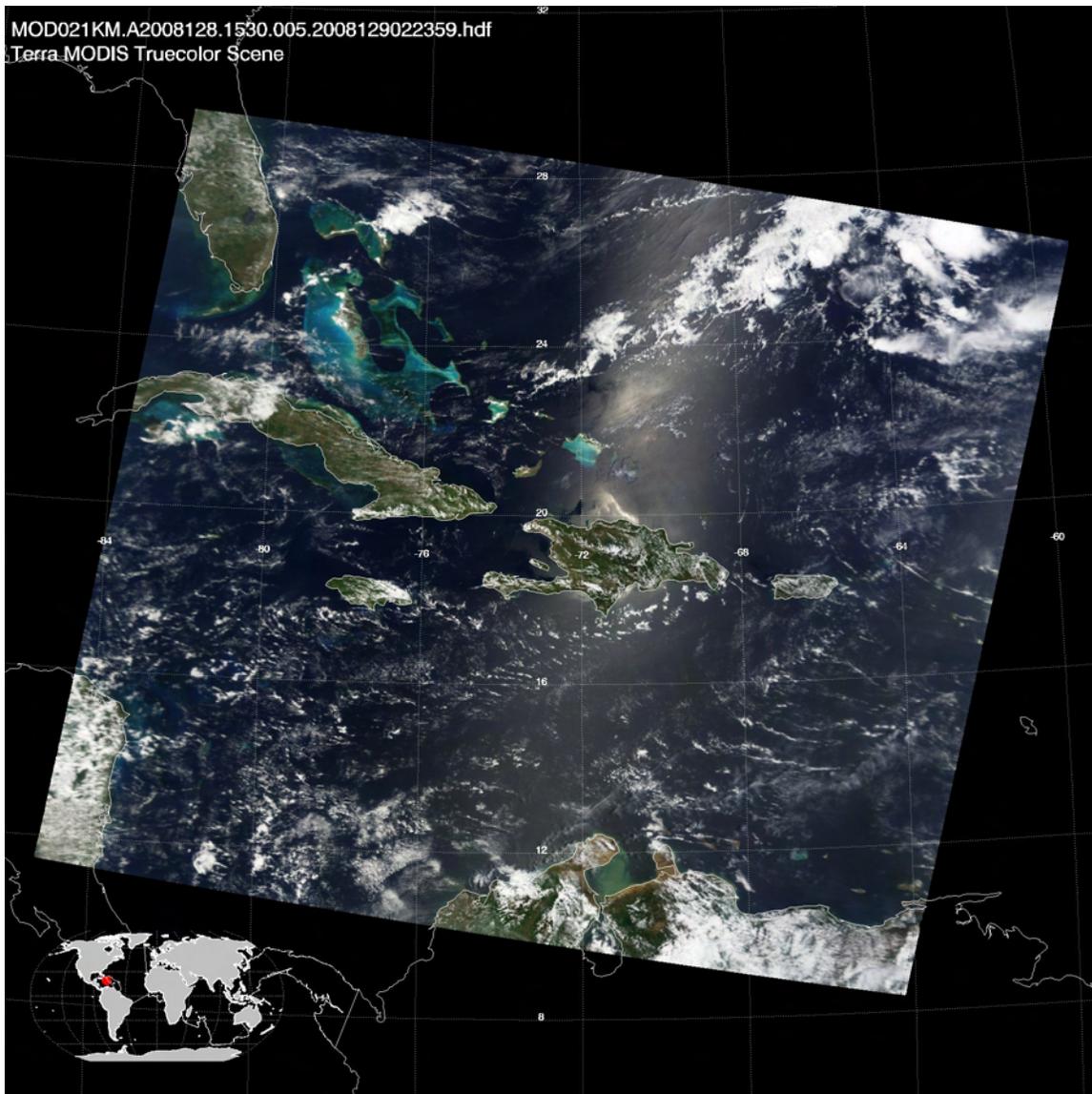


Fig. 3. Date: 2008 05 07 1530Z Source: NASA (MODerate Resolution Imaging Spectroradiometer) Terra <http://modis-atmos.gsfc.nasa.gov/IMAGES/index.html>

MYD021KM.A2008128.1700.005.2008129172404.hdf
Aqua MODIS Truecolor Scene

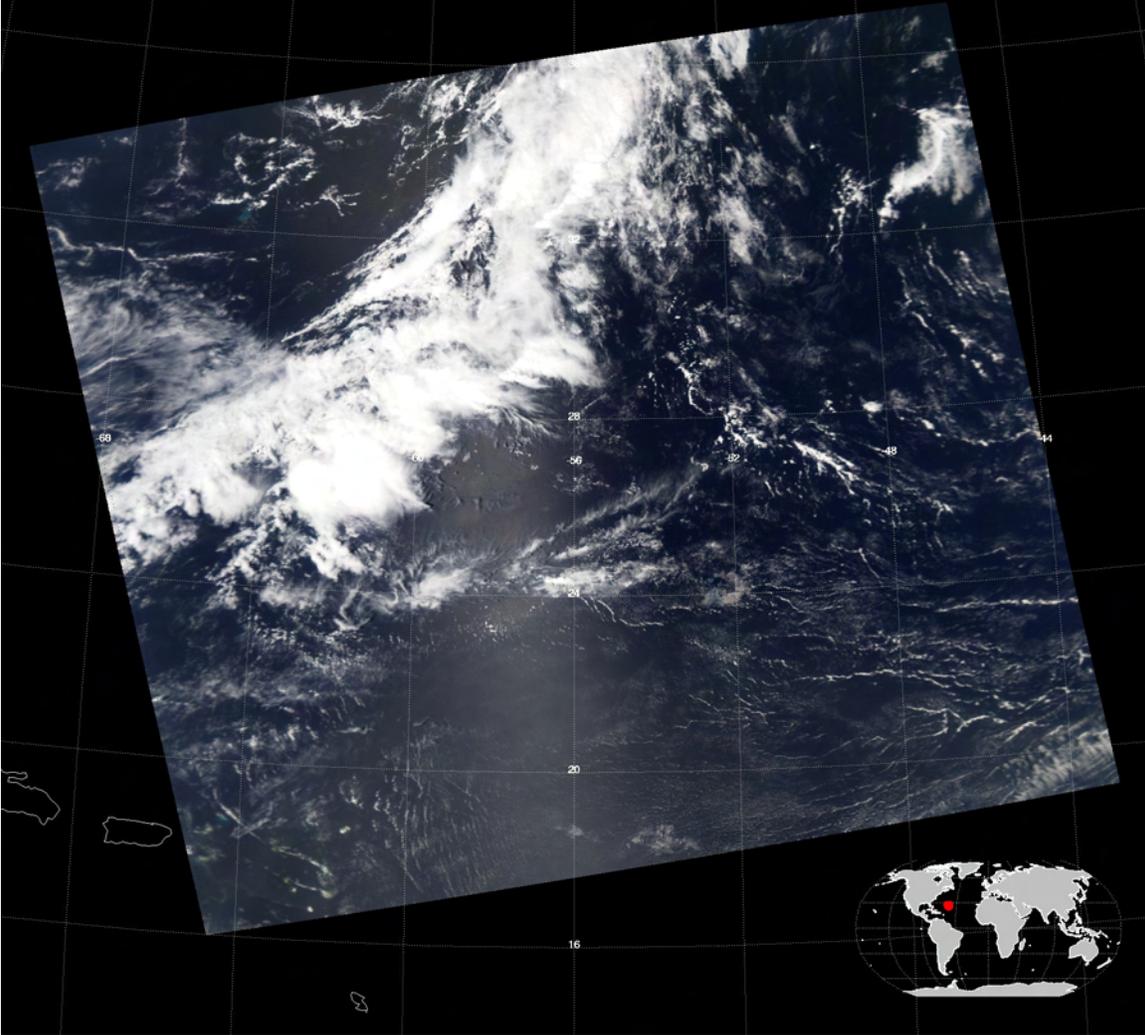


Fig. 4. Date: 2008 05 07 1700Z Source: NASA (MODerate Resolution Imaging Spectroradiometer) Aqua <http://modis-atmos.gsfc.nasa.gov/IMAGES/index.html>

MYD021KM.A2008128.1835.005.2008129174148.hdf
Aqua MODIS Truecolor Scene

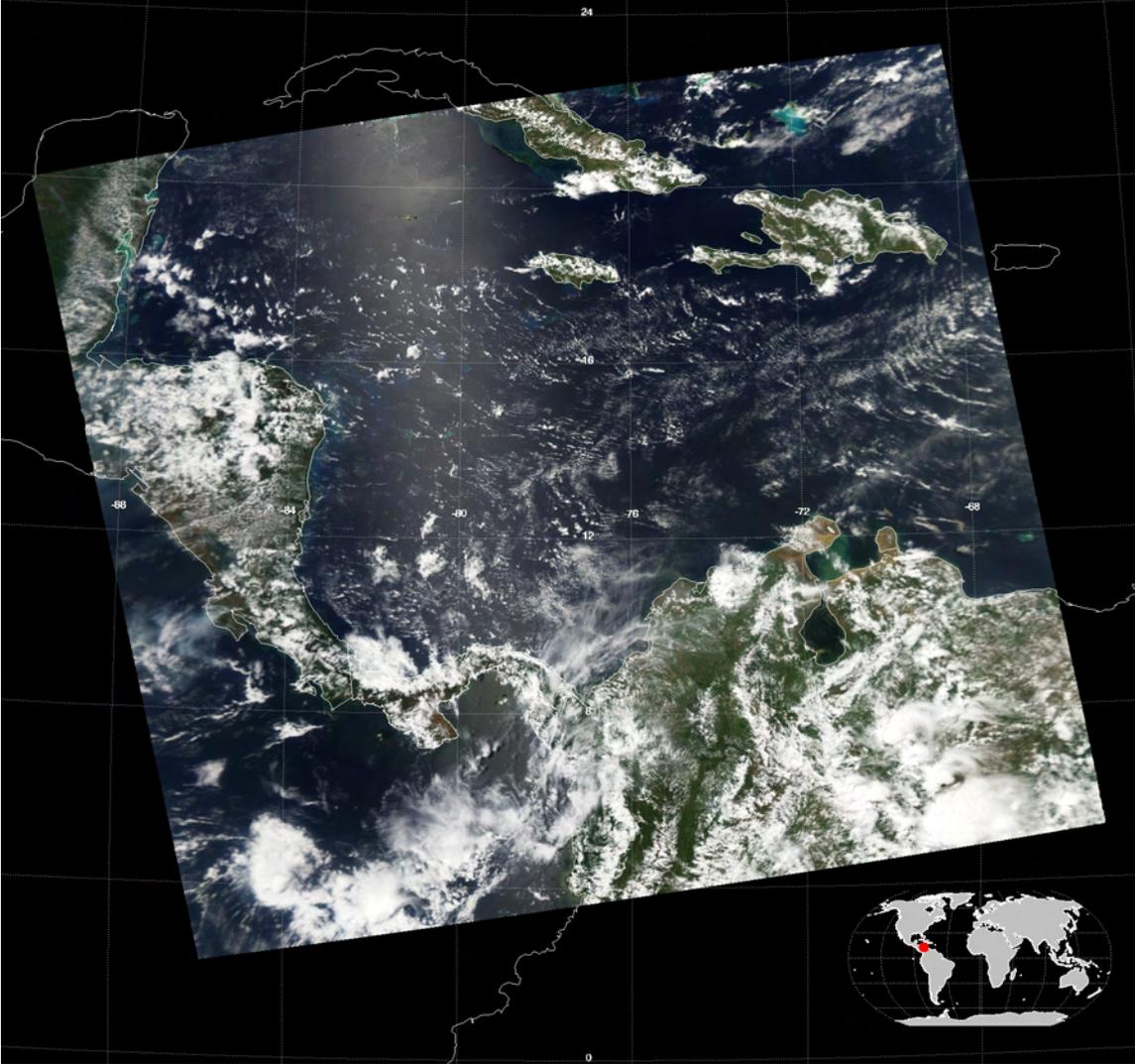


Fig. 5. Date: 2008 05 07 1835Z Source: NASA (MODerate Resolution Imaging Spectroradiometer) Aqua <http://modis-atmos.gsfc.nasa.gov/IMAGES/index.html>



Historia de St. Croix, VI

Miércoles, Mayo 7, 2008

Daily Summary

	Actual:	Average :	Record :
Temperature:			
Temperatura Media	82 °F / 27 °C	-	-
Temperatura Máxima	86 °F / 30 °C	83 °F / 28 °C	87 °F / 30 °C (1997)
Temperatura Mínima	78 °F / 25 °C	74 °F / 23 °C	71 °F / 21 °C (2001)
Cooling Degree Days	17		
Growing Degree Days	32 (Base 50)		
Moisture:			
Punto de Rocío	73 °F / 22 °C		
Average Humidity	76		
Maximum Humidity	90		
Minimum Humidity	63		
Precipitación:			
Precipitación	0.00 pul / 0.00 cm	-	- ()
Presión al Nivel del Mar:			
Presión al Nivel del Mar	29.99 pul / 1015 HPA		
Viento:			
Velocidad del Viento	10 mph / 16 km/h (ESE)		
Velocidad Máxima del Viento	17 mph / 27 km/h		
Max Gust Speed	-		
Visibilidad	8 Millas / 13 Kilómetros		
Eventos			

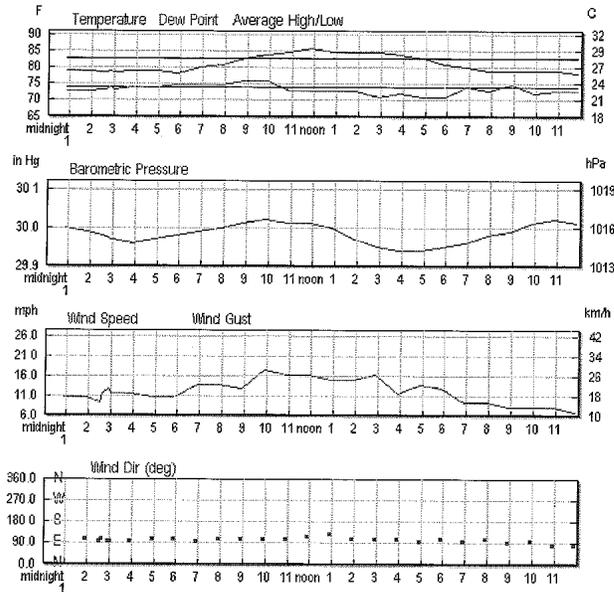
Averages and records for this station are not official NWS values.

[Click here for data from the nearest station with official NWS data \(TIST\).](#)

T = Trace of Precipitation, **MM** = Missing Value

Source: NWS Daily Summary

Seasonal Weather Averages

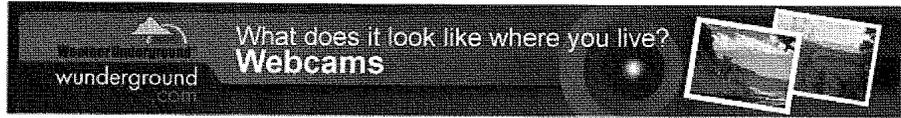


Hourly Observations

Hora (AST):	Temp :	Punto de Rocío:	Humedad:	Presión al Nivel del Mar:	Visibilidad:	Wind Dir:	Velocidad del Viento:	Velocidad de Ráfagas:	Precip:	Eventos:	Condiciones Normales:
12:53 AM	79.0 °F / 26.1 °C	73.0 °F / 22.8 °C	82%	30.00 pul / 1015.7 HPA	10.0 Millas / 16.1 Kilómetros	ESE	10.4 mph / 16.7 km/h / 4.6 m/s	-	0.00 pul / 0.0 cm		Parcialmente Nublado
METAR TISX 070453Z 11009KT 10SM FEW019 26/23 A3000 RMK AO2 RAE0355 SLP157 P0000 T02610228											
1:53 AM	79.0 °F / 26.1 °C	73.0 °F / 22.8 °C	82%	29.99 pul / 1015.3 HPA	10.0 Millas / 16.1 Kilómetros	ESE	10.4 mph / 16.7 km/h / 4.6 m/s	-	N/A		Parcialmente Nublado
METAR TISX 070553Z 11009KT 10SM FEW017 26/23 A2999 RMK AO2 SLP153 60000 T02610228 10261 20256 58012											
2:29 AM	78.8 °F / 26.0 °C	73.4 °F / 23.0 °C	83%	29.98 pul / 1015.1 HPA	9.0 Millas / 14.5 Kilómetros	Este	9.2 mph / 14.8 km/h / 4.1 m/s	-	N/A		Mayormente Nublado
SPECI TISX 070629Z 10008KT 9SM BKN018 BKN023 26/23 A2998 RMK AO2											
2:38 AM	78.8 °F / 26.0 °C	73.4 °F / 23.0 °C	83%	29.98 pul / 1015.1 HPA	9.0 Millas / 14.5 Kilómetros	ESE	11.5 mph / 18.5 km/h / 5.1 m/s	-	N/A		Nubes Dispersas
SPECI TISX 070638Z 11010KT 9SM SCT018 SCT023 26/23 A2998 RMK AO2											
2:53 AM	79.0 °F / 26.1 °C	73.9 °F / 23.3 °C	84%	29.97 pul / 1014.8 HPA	9.0 Millas / 14.5 Kilómetros	Este	12.7 mph / 20.4 km/h / 5.7 m/s	-	N/A		Mayormente Nublado
METAR TISX 070653Z 10011KT 9SM SCT016 BKN024 26/23 A2997 RMK AO2 SLP148 T02610233											
3:00 AM	78.8 °F / 26.0 °C	73.4 °F / 23.0 °C	83%	29.97 pul / 1014.8 HPA	9.0 Millas / 14.5 Kilómetros	Este	11.5 mph / 18.5 km/h / 5.1 m/s	-	N/A		Nubes Dispersas
SPECI TISX 070700Z 10010KT 9SM SCT016 26/23 A2997 RMK AO2											
3:53 AM	79.0 °F / 26.1 °C	73.9 °F / 23.3 °C	84%	29.96 pul / 1014.4 HPA	9.0 Millas / 14.5 Kilómetros	Este	11.5 mph / 18.5 km/h / 5.1 m/s	-	N/A		Nubes Dispersas

http://espanol.wunderground.com/history/airport/TISX/2008/5/7/DailyHistory.html?req_... 10/27/2008

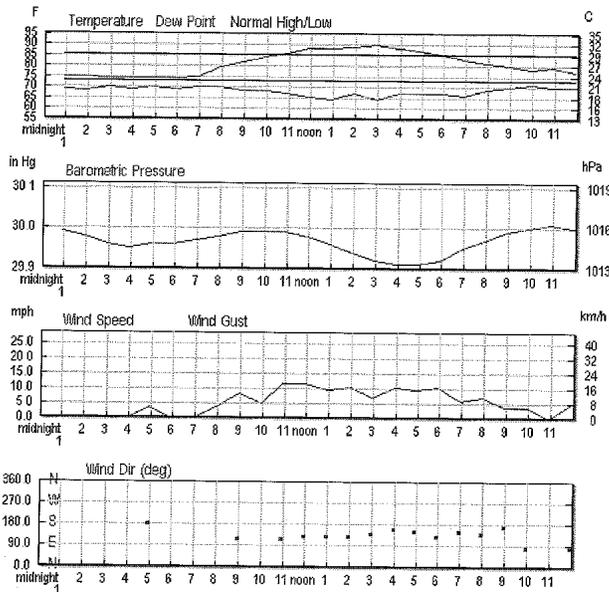
	26.1 °C	23.3 °C					5.1 m/s			
	METAR TISX 070753Z 10010KT 9SM SCT018 26/23 A2996 RMK AO2 SLP144 T02610233									
4:53 AM	79.0 °F	73.9 °F	84%	29.97 pul /	9.0 Millas /	ESE	10.4 mph /	16.7 km/h /	-	N/A
	26.1 °C	23.3 °C		1014.7 HPA	14.5 Kilómetros		4.6 m/s			Nubes Dispersas
	METAR TISX 070853Z 11009KT 9SM SCT018 26/23 A2997 RMK AO2 SLP147 T02610233 55006									
5:53 AM	78.1 °F	75.0 °F	90%	29.98 pul /	9.0 Millas /	ESE	10.4 mph /	16.7 km/h /	-	N/A
	25.6 °C	23.9 °C		1015.1 HPA	14.5 Kilómetros		4.6 m/s			Parcialmente Nublado
	METAR TISX 070953Z 11009KT 9SM FEW019 26/24 A2998 RMK AO2 SLP151 T02560239									
6:53 AM	80.1 °F	75.0 °F	85%	29.99 pul /	9.0 Millas /	Este	13.8 mph /	22.2 km/h /	-	N/A
	26.7 °C	23.9 °C		1015.5 HPA	14.5 Kilómetros		6.2 m/s			Nubes Dispersas
	METAR TISX 071053Z 10012KT 9SM FEW022 SCT110 27/24 A2999 RMK AO2 SLP155 T02670239									
7:53 AM	81.0 °F	75.0 °F	82%	30.00 pul /	9.0 Millas /	ESE	13.8 mph /	22.2 km/h /	-	N/A
	27.2 °C	23.9 °C		1015.8 HPA	14.5 Kilómetros		6.2 m/s			Nubes Dispersas
	METAR TISX 071153Z 11012KT 9SM SCT019 27/24 A3000 RMK AO2 SLP158 T02720239 10278 20256 51012									
8:53 AM	82.9 °F	75.9 °F	79%	30.01 pul /	8.0 Millas /	ESE	12.7 mph /	20.4 km/h /	-	N/A
	28.3 °C	24.4 °C		1016.1 HPA	12.9 Kilómetros		5.7 m/s			Nubes Dispersas
	METAR TISX 071253Z 11011KT 8SM SCT020 28/24 A3001 RMK AO2 SLP161 T02830244									
9:53 AM	84.0 °F	75.9 °F	76%	30.02 pul /	8.0 Millas /	ESE	17.3 mph /	27.8 km/h /	-	N/A
	28.9 °C	24.4 °C		1016.4 HPA	12.9 Kilómetros		7.7 m/s			Nubes Dispersas
	METAR TISX 071353Z 11015KT 8SM SCT020 29/24 A3002 RMK AO2 SLP164 T02890244									
10:53 AM	84.9 °F	73.0 °F	67%	30.01 pul /	7.0 Millas /	ESE	16.1 mph /	25.9 km/h /	-	N/A
	29.4 °C	22.8 °C		1016.3 HPA	11.3 Kilómetros		7.2 m/s			Parcialmente Nublado
	METAR TISX 071453Z 11014KT 7SM FEW023 29/23 A3002 RMK AO2 SLP163 T02940228 50005									
11:53 AM	86.0 °F	73.0 °F	65%	30.01 pul /	7.0 Millas /	ESE	16.1 mph /	25.9 km/h /	-	N/A
	30.0 °C	22.8 °C		1016.2 HPA	11.3 Kilómetros		7.2 m/s			Parcialmente Nublado
	METAR TISX 071553Z 12014KT 7SM FEW018 30/23 A3001 RMK AO2 SLP162 T03000228									
12:53 PM	84.9 °F	73.0 °F	67%	30.00 pul /	8.0 Millas /	SE	15.0 mph /	24.1 km/h /	-	N/A
	29.4 °C	22.8 °C		1015.7 HPA	12.9 Kilómetros		6.7 m/s			Parcialmente Nublado
	METAR TISX 071653Z 13013KT 8SM FEW022 29/23 A3000 RMK AO2 SLP157 T02940228									
1:53 PM	84.9 °F	73.0 °F	67%	29.97 pul /	8.0 Millas /	ESE	15.0 mph /	24.1 km/h /	-	N/A
	29.4 °C	22.8 °C		1014.9 HPA	12.9 Kilómetros		6.7 m/s			Parcialmente Nublado
	METAR TISX 071753Z 11013KT 8SM FEW022 29/23 A2997 RMK AO2 SLP149 T02940228 10300 20267 58014									
2:53 PM	84.9 °F	71.1 °F	63%	29.95 pul /	6.0 Millas /	ESE	16.1 mph /	25.9 km/h /	-	N/A
	29.4 °C	21.7 °C		1014.2 HPA	9.7 Kilómetros		7.2 m/s			Bruma
	METAR TISX 071853Z 11014KT 6SM HZ CLR 29/22 A2995 RMK AO2 SLP142 T02940217									
3:53 PM	84.0 °F	72.0 °F	67%	29.94 pul /	6.0 Millas /	ESE	11.5 mph /	18.5 km/h /	-	N/A
	28.9 °C	22.2 °C		1013.9 HPA	9.7 Kilómetros		5.1 m/s			Bruma
	METAR TISX 071953Z 11010KT 6SM HZ FEW035 29/22 A2995 RMK AO2 SLP139 T02890222									
4:53 PM	82.9 °F	71.1 °F	67%	29.94 pul /	6.0 Millas /	Este	13.8 mph /	22.2 km/h /	-	N/A
	28.3 °C	21.7 °C		1013.9 HPA	9.7 Kilómetros		6.2 m/s			Bruma
	METAR TISX 072053Z 10012KT 6SM HZ FEW035 28/22 A2995 RMK AO2 SLP139 T02830217 56009									
5:53 PM	81.0 °F	71.1 °F	72%	29.95 pul /	6.0 Millas /	ESE	12.7 mph /	20.4 km/h /	-	N/A
	27.2 °C	21.7 °C		1014.2 HPA	9.7 Kilómetros		5.7 m/s			Bruma
	METAR TISX 072153Z 11011KT 6SM HZ FEW040 27/22 A2995 RMK AO2 SLP142 T02720217									
6:53 PM	80.1 °F	73.9 °F	81%	29.96 pul /	7.0 Millas /	Este	9.2 mph /	14.8 km/h /	-	N/A
				1014.6 HPA	11.3 Kilómetros					Bruma

**Historia de San Juan, PR**

Miércoles Mayo 7, 2008

Daily Summary

	Actual:	Average :	Record :
Temperature:			
Temperatura Media	83 °F / 28 °C	80 °F / 26 °C	
Temperatura Máxima	91 °F / 32 °C	86 °F / 30 °C	94 °F / 34 °C (1974)
Temperatura Mínima	74 °F / 23 °C	74 °F / 23 °C	68 °F / 20 °C (1962)
Degree Days:			
Días - Grado de Calentamiento	0	0	
Month to date heating degree days	0	0	
Since 1 July heating degree days	0	0	
Cooling Degree Days	18	15	
Month to date cooling degree days	101	105	
Year to date cooling degree days	1624	1606	
Growing Degree Days	33 (Base 50)		
Moisture:			
Punto de Rocío	70 °F / 21 °C		
Average Humidity	64		
Maximum Humidity	87		
Minimum Humidity	41		
Precipitación:			
Precipitación	0.00 pul / 0.00 cm	0.17 pul / 0.43 cm	1.96 pul / 4.98 cm (1969)
Month to date precipitation	1.25	1.18	
Year to date precipitation	15.63	12.35	
Presión al Nivel del Mar:			
Presión al Nivel del Mar	29.96 pul / 1014 HPA		
Viento:			
Velocidad del Viento	5 mph / 8 km/h (SE)		
Velocidad Máxima del Viento	15 mph / 24 km/h		
Max Gust Speed	18 mph / 29 km/h		
Visibilidad	10 Millas / 16 Kilómetros		
Eventos			
T = Trace of Precipitation, MM = Missing Value			Source: NWS Daily Summary



Hourly Observations

Hora (AST):	Temp.: /	Punto de Rocío: /	Humedad: %	Presión al Nivel del Mar: pul / HPA	Visibilidad: Millas / Kilómetros	Wind Dir: Viento	Velocidad del Viento: Ráfagas:	Precip: Eventos:	Condiciones Normales:
12:56 AM	75.9 °F 24.4 °C	70.0 °F 21.1 °C	82%	29.99 pul / 1015.6 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento -	N/A	Despejado
METAR TJSJ 070456Z 0000KT 10SM CLR 24/21 A3000 RMK AO2 SLP156 T02440211									
1:56 AM	75.9 °F 24.4 °C	69.1 °F 20.6 °C	79%	29.98 pul / 1015.1 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento -	N/A	Despejado
METAR TJSJ 070556Z 0000KT 10SM CLR 24/21 A2998 RMK AO2 SLP151 T02440206 10267 20244 58012									
2:56 AM	75.0 °F 23.9 °C	71.1 °F 21.7 °C	87%	29.96 pul / 1014.5 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento -	N/A	Despejado
METAR TJSJ 070656Z 0000KT 10SM CLR 24/22 A2996 RMK AO2 SLP145 T02390217									
3:56 AM	75.0 °F 23.9 °C	70.0 °F 21.1 °C	84%	29.95 pul / 1014.2 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento -	N/A	Despejado
METAR TJSJ 070756Z 0000KT 10SM CLR 24/21 A2995 RMK AO2 SLP142 T02390211									
4:56 AM	75.0 °F 23.9 °C	71.1 °F 21.7 °C	87%	29.96 pul / 1014.4 HPA	10.0 Millas / 16.1 Kilómetros	Sur Viento	3.5 mph / 5.6 km/h / 1.5 m/s	N/A	Despejado
METAR TJSJ 070856Z 1800KT 10SM CLR 24/22 A2996 RMK AO2 SLP144 T02390217 55007									
5:56 AM	75.0 °F 23.9 °C	70.0 °F 21.1 °C	84%	29.96 pul / 1014.6 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento -	N/A	Parcialmente Nublado
METAR TJSJ 070956Z 0000KT 10SM FEW022 24/21 A2997 RMK AO2 SLP146 T02390211									
6:56 AM	75.9 °F /	71.1 °F /	85%	29.97 pul / 1014.9 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento -	N/A	Parcialmente Nublado

http://espanol.wunderground.com/history/airport/TJSj/2008/5/7/DailyHistory.html?req_ci... 10/27/2008

24.4 °C 21.7 °C										
METAR TJSJ 071056Z 0000KT 10SM FEW022 24/22 A2998 RMK AO2 SLP149 T02440217										
7:56 AM	80.1 °F 26.7 °C	71.1 °F 21.7 °C	74%	29.98 pul / 1015.2 HPA	10.0 Millas / 16.1 Kilómetros	Variable	3.5 mph / 5.6 km/h	-	N/A	Parcialmente Nublado
METAR TJSJ 071156Z VRB03KT 10SM FEW022 27/22 A2998 RMK AO2 SLP152 70011 T02670217 10267 20233 53008										
8:56 AM	82.9 °F 28.3 °C	69.1 °F 20.6 °C	63%	29.99 pul / 1015.4 HPA	10.0 Millas / 16.1 Kilómetros	ESE	8.1 mph / 13.0 km/h	-	N/A	Parcialmente Nublado
METAR TJSJ 071256Z 12007KT 10SM FEW025 28/21 A2999 RMK AO2 SLP154 T02830206										
9:56 AM	84.9 °F 29.4 °C	69.1 °F 20.6 °C	59%	29.99 pul / 1015.6 HPA	10.0 Millas / 16.1 Kilómetros	Variable	4.6 mph / 7.4 km/h	-	N/A	Nubes Dispersas
METAR TJSJ 071356Z VRB04KT 10SM SCT022 SCT070 29/21 A3000 RMK AO2 SLP156 T02940206										
10:56 AM	87.1 °F 30.6 °C	68.0 °F 20.0 °C	53%	29.99 pul / 1015.5 HPA	10.0 Millas / 16.1 Kilómetros	ESE	11.5 mph / 18.5 km/h	-	N/A	Nubes Dispersas
METAR TJSJ 071456Z 12010KT 10SM SCT032 31/20 A2999 RMK AO2 SLP155 T03060200 50003										
11:56 AM	89.1 °F 31.7 °C	66.0 °F 18.9 °C	46%	29.98 pul / 1015.0 HPA	10.0 Millas / 16.1 Kilómetros	SE	11.5 mph / 18.5 km/h	-	N/A	Parcialmente Nublado
METAR TJSJ 071556Z 13010KT 10SM FEW032 32/19 A2998 RMK AO2 SLP150 T03170189										
12:56 PM	89.1 °F 31.7 °C	64.9 °F 18.3 °C	45%	29.96 pul / 1014.4 HPA	10.0 Millas / 16.1 Kilómetros	SE	9.2 mph / 14.8 km/h	-	N/A	Parcialmente Nublado
METAR TJSJ 071656Z 13008KT 10SM FEW035 32/18 A2996 RMK AO2 SLP144 T03170183										
1:56 PM	90.0 °F 32.2 °C	68.0 °F 20.0 °C	48%	29.94 pul / 1013.6 HPA	10.0 Millas / 16.1 Kilómetros	SE	10.4 mph / 16.7 km/h	18.4 mph / 29.6 km/h	N/A	Parcialmente Nublado
METAR TJSJ 071756Z 13009G16KT 10SM FEW035 32/20 A2994 RMK AO2 SLP136 T03220200 10328 20267 58019										
2:56 PM	91.0 °F 32.8 °C	64.9 °F 18.3 °C	42%	29.92 pul / 1013.1 HPA	10.0 Millas / 16.1 Kilómetros	SE	6.9 mph / 11.1 km/h	-	N/A	Parcialmente Nublado
METAR TJSJ 071856Z 14006KT 10SM FEW035 33/18 A2992 RMK AO2 SLP131 T03280183										
3:56 PM	89.1 °F 31.7 °C	68.0 °F 20.0 °C	50%	29.91 pul / 1012.8 HPA	10.0 Millas / 16.1 Kilómetros	SSE	10.4 mph / 16.7 km/h	-	N/A	Parcialmente Nublado
METAR TJSJ 071956Z 16009KT 10SM FEW034 32/20 A2991 RMK AO2 SLP128 HZ ALQDS T03170200										
4:56 PM	88.0 °F 31.1 °C	68.0 °F 20.0 °C	51%	29.91 pul / 1012.7 HPA	10.0 Millas / 16.1 Kilómetros	SSE	9.2 mph / 14.8 km/h	17.3 mph / 27.8 km/h	N/A	Parcialmente Nublado
METAR TJSJ 072056Z 15008G15KT 10SM FEW034 31/20 A2991 RMK AO2 SLP127 HZ ALQDS T03110200 56008										
5:56 PM	86.0 °F 30.0 °C	68.0 °F 20.0 °C	55%	29.92 pul / 1013.2 HPA	10.0 Millas / 16.1 Kilómetros	SE	10.4 mph / 16.7 km/h	-	N/A	Parcialmente Nublado
METAR TJSJ 072156Z 13009KT 10SM FEW035 30/20 A2992 RMK AO2 SLP132 HZ ALQDS T03000200										
6:56 PM	84.0 °F 28.9 °C	66.9 °F 19.4 °C	56%	29.95 pul / 1014.1 HPA	10.0 Millas / 16.1 Kilómetros	SSE	5.8 mph / 9.3 km/h	-	N/A	Parcialmente Nublado
METAR TJSJ 072256Z 15005KT 10SM FEW035 29/19 A2995 RMK AO2 SLP141 HZ ALQDS T02890194										
7:56 PM	82.0 °F 27.8 °C	70.0 °F 21.1 °C	67%	29.97 pul / 1014.7 HPA	10.0 Millas / 16.1 Kilómetros	SE	6.9 mph / 11.1 km/h	-	N/A	Despejado
METAR TJSJ 072356Z 14006KT 10SM CLR 28/21 A2997 RMK AO2 SLP147 T02780211 10328 20278 53020										
8:56 PM	81.0 °F 27.2 °C	71.1 °F 21.7 °C	72%	29.99 pul / 1015.3 HPA	10.0 Millas / 16.1 Kilómetros	Sur	3.5 mph / 5.6 km/h	-	N/A	Despejado
METAR TJSJ 080056Z 17003KT 10SM CLR 27/22 A2999 RMK AO2 SLP153 T02720217										
9:56 PM	79.0 °F 26.7 °C	72.0 °F 21.7 °C	79%	30.00 pul / 1015.9 HPA	10.0 Millas / 16.1 Kilómetros	Este	3.5 mph / 5.6 km/h	-	N/A	Despejado

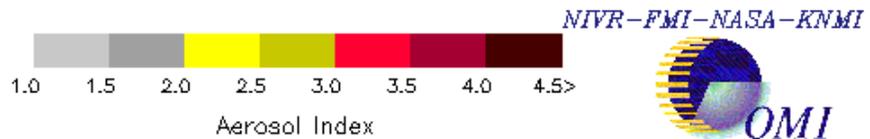
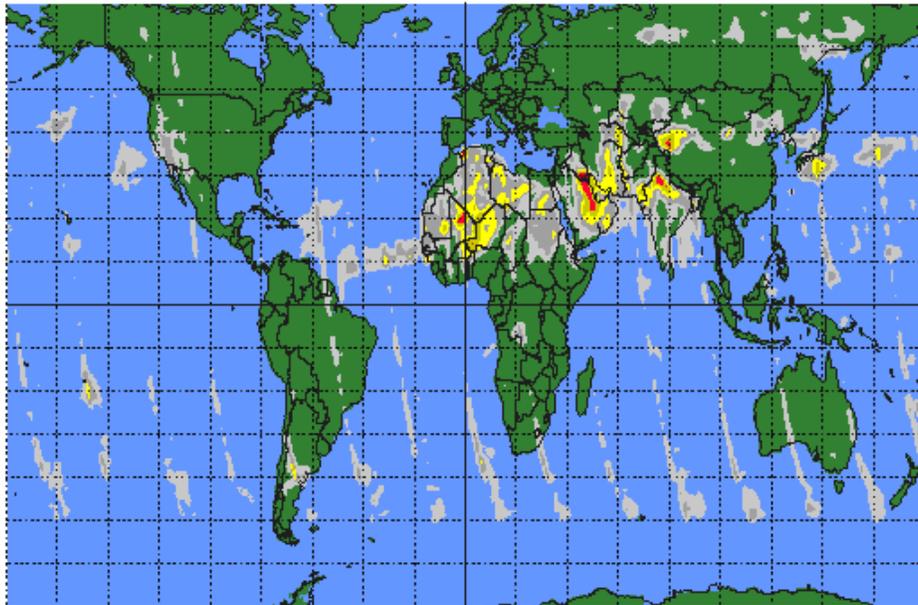
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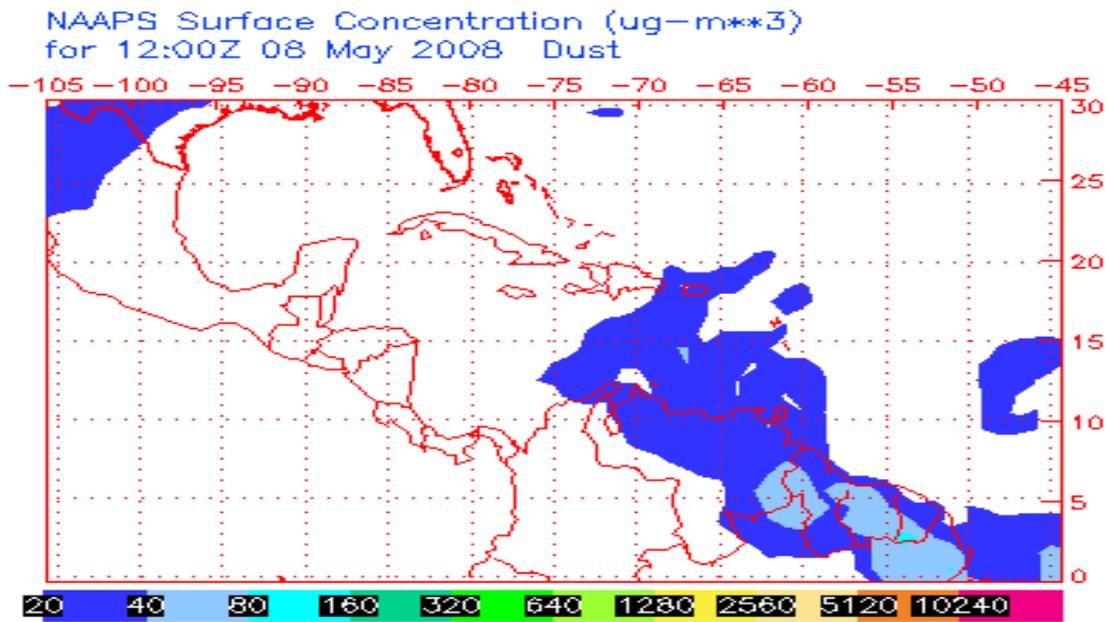
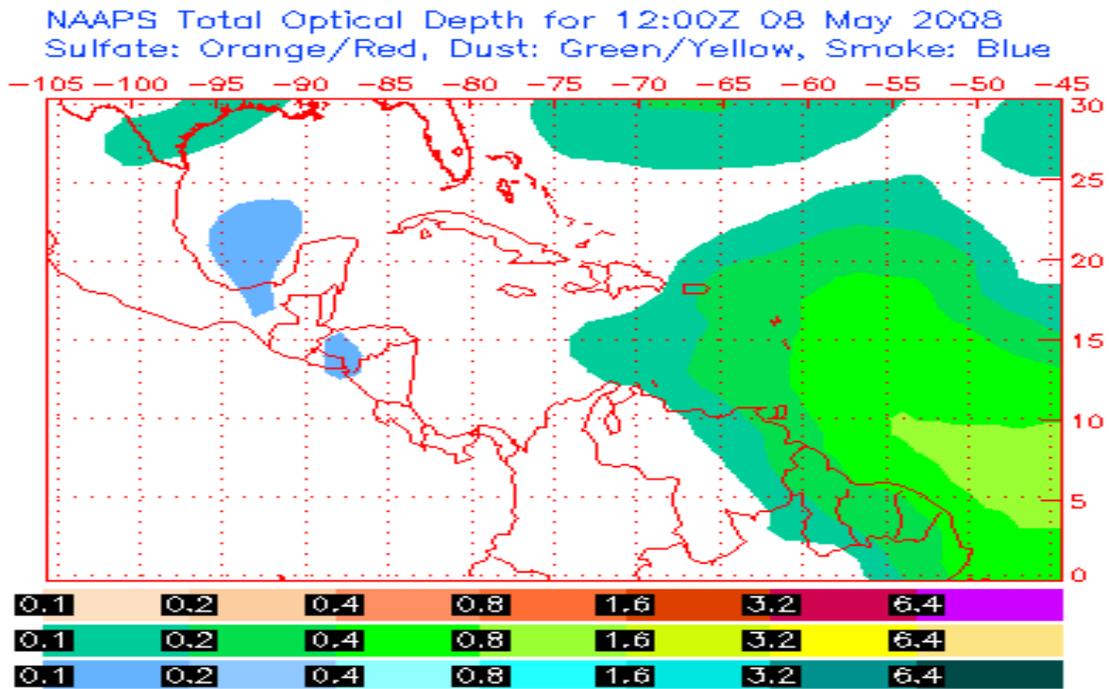
Table 2			
May 8, 2008			
Station (AIRS Number)	Location	Parameter	Concentration
72-061-0005	Guaynabo	81102 (PM ₁₀)	109
72-053-0003	Fajardo	81102 (PM ₁₀)	89
72-053-0003	Fajardo	88101 (PM _{2.5})	22.45
72-127-0003	San Juan	81102 (PM ₁₀)	103
72-061-0005	Guaynabo	88101 (PM _{2.5})	23.33

Date: May 8, 2008

Sources:

OMI Aerosol Index
on May 08, 2008





May 20 11:00:46 2008 NRL/Monterey Aerosol Modeling

Fig. 1. Date: 2008 05 08 Source: Naval Research Lab.
<http://www.nrlmry.navy.mil/aerosol/#aerosolobservations>

MOD021KM.A2008129.1435.005.2008129220848.hdf
Terra MODIS Truecolor Scene

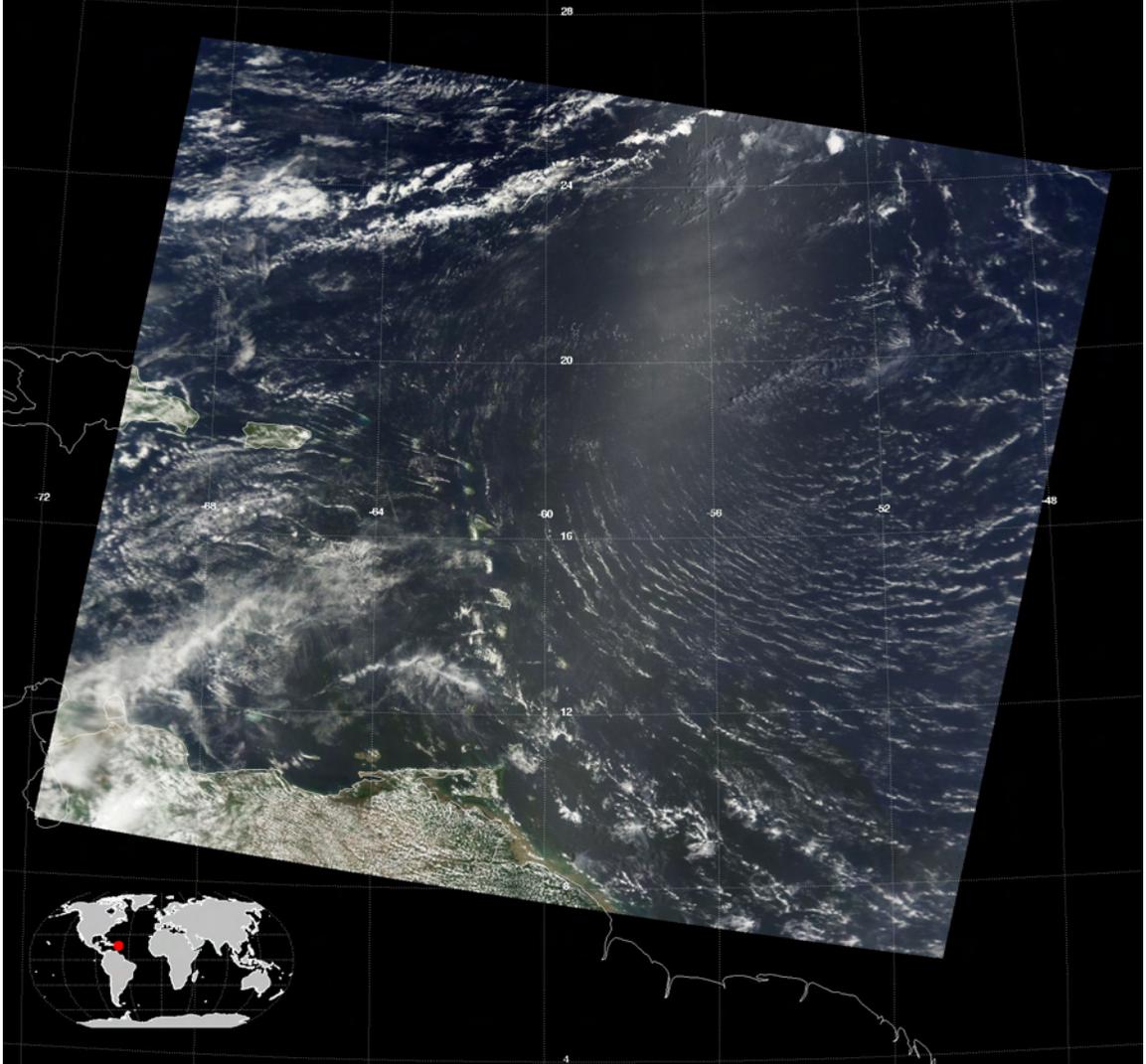


Fig. 2. Date: 2008 05 08 1435Z Source: NASA (MODerate Resolution Imaging Spectroradiometer) Terra <http://modis-atmos.gsfc.nasa.gov/IMAGES/index.html>

MYD021KM.A2008129.1740.005.2008131004448.hdf
Aqua MODIS Truecolor Scene

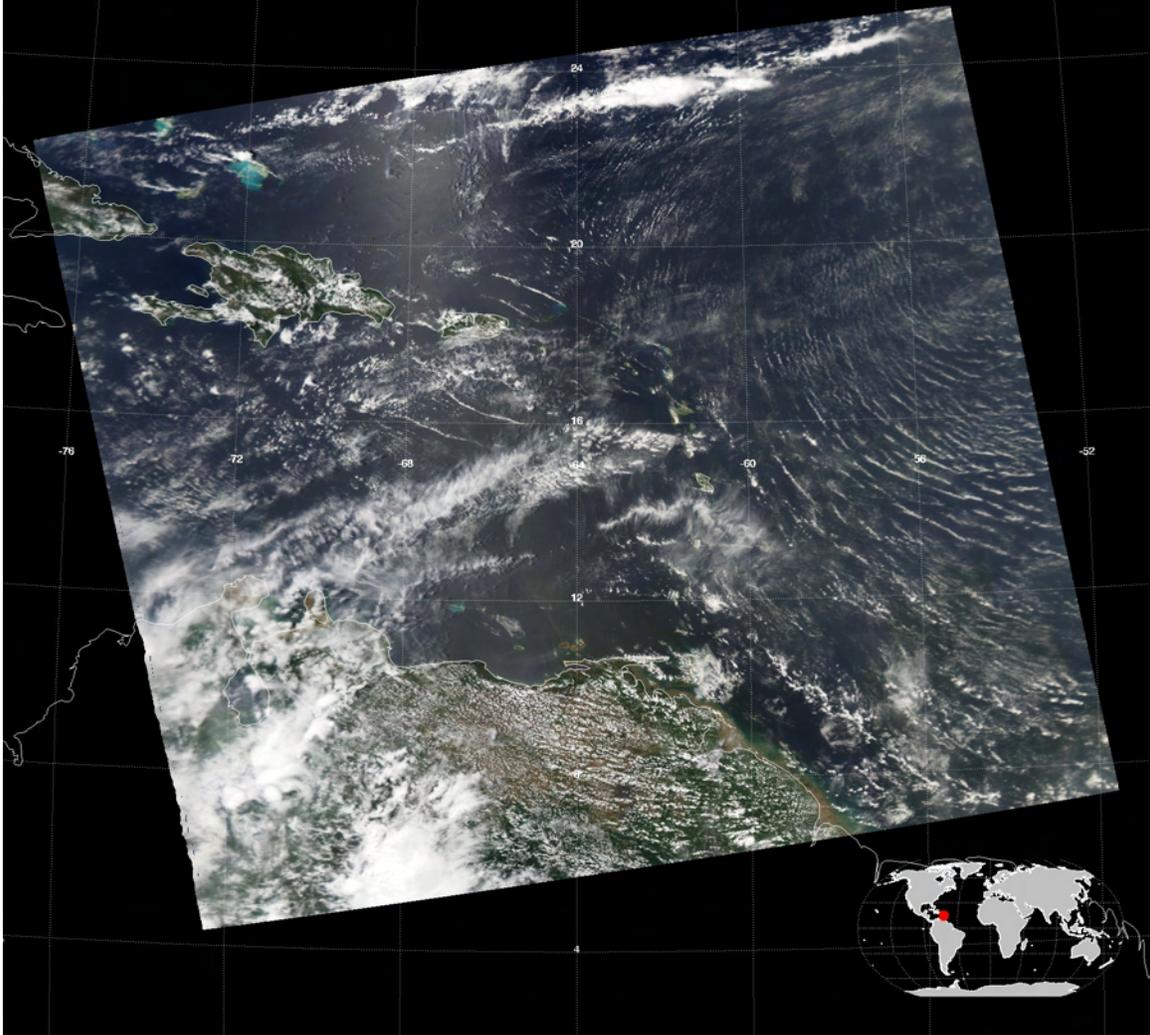
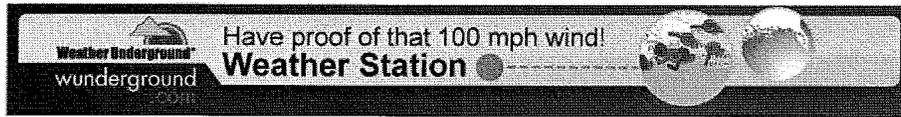


Fig. 3. Date: 2008 05 08 1740Z Source: NASA (MODerate Resolution Imaging Spectroradiometer) Aqua <http://modis-atmos.gsfc.nasa.gov/IMAGES/index.html>

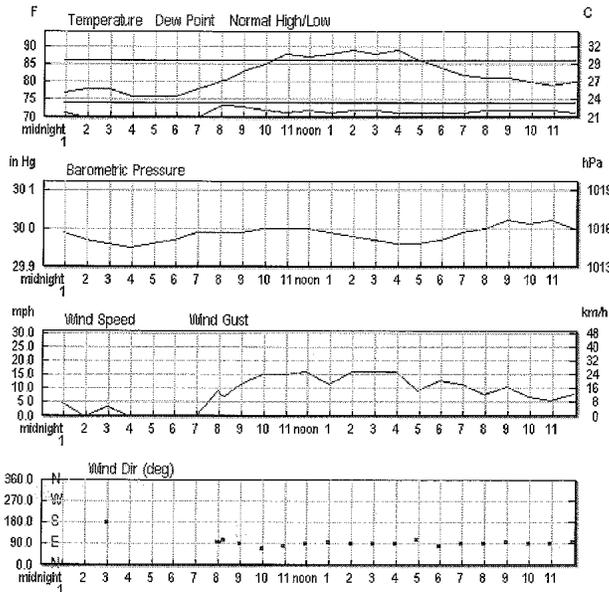


Historia de San Juan, PR

Jueves, Mayo 8, 2008

Daily Summary

	Actual:	Average :	Record :
Temperature:			
Temperatura Media	82 °F / 27 °C	80 °F / 26 °C	
Temperatura Máxima	89 °F / 31 °C	86 °F / 30 °C	94 °F / 34 °C (1988)
Temperatura Mínima	75 °F / 23 °C	74 °F / 23 °C	69 °F / 20 °C (1989)
Degree Days:			
Días - Grado de Calentamiento	0	0	
Month to date heating degree days	0	0	
Since 1 July heating degree days	0	0	
Cooling Degree Days	17	15	
Month to date cooling degree days	118	120	
Year to date cooling degree days	1641	1621	
Growing Degree Days	32 (Base 50)		
Moisture:			
Punto de Rocío	70 °F / 21 °C		
Average Humidity	69		
Maximum Humidity	82		
Minimum Humidity	56		
Precipitación:			
Precipitación	0.00 pul / 0.00 cm	0.18 pul / 0.46 cm	2.35 pul / 5.97 cm (2001)
Month to date precipitation	1.25	1.36	
Year to date precipitation	15.63	12.53	
Presión al Nivel del Mar:			
Presión al Nivel del Mar	29.96 pul / 1014 HPA		
Viento:			
Velocidad del Viento	9 mph / 14 km/h (Este)		
Velocidad Máxima del Viento	20 mph / 32 km/h		
Max Gust Speed	24 mph / 39 km/h		
Visibilidad	6 Millas / 10 Kilómetros		
Eventos			
T = Trace of Precipitation, MM = Missing Value			Source: NWS Daily Summary



Hourly Observations

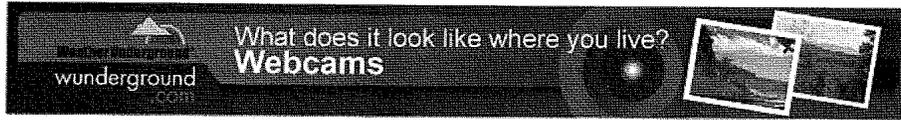
Hora (AST):	Temp :	Punto de Rocío:	Humedad:	Presión al Nivel del Mar:	Visibilidad:	Wind Dir:	Velocidad del Viento:	Velocidad de Ráfagas:	Precip:	Eventos:	Condiciones Normales:
12:56 AM	77.0 °F 25.0 °C	71.1 °F 21.7 °C	82%	29.99 pul / 1015.3 HPA	10.0 Millas / 16.1 Kilómetros	Este	4.6 mph / 7.4 km/h / 2.1 m/s	-	N/A		Despejado
METAR TJSJ 080456Z 08004KT 10SM CLR 25/22 A2999 RMK AO2 SLP153 T02500217											
1:56 AM	78.1 °F 25.6 °C	70.0 °F 21.1 °C	76%	29.97 pul / 1014.7 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Despejado
METAR TJSJ 080556Z 00000KT 10SM CLR 26/21 A2997 RMK AO2 SLP147 T02560211 10278 20244 58015											
2:56 AM	78.1 °F 25.6 °C	70.0 °F 21.1 °C	76%	29.96 pul / 1014.3 HPA	10.0 Millas / 16.1 Kilómetros	Sur	3.5 mph / 5.6 km/h / 1.5 m/s	-	N/A		Despejado
METAR TJSJ 080656Z 18003KT 10SM CLR 26/21 A2996 RMK AO2 SLP143 T02560211											
3:56 AM	75.9 °F 24.4 °C	70.0 °F 21.1 °C	82%	29.95 pul / 1014.2 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Despejado
METAR TJSJ 080756Z 00000KT 10SM CLR 24/21 A2995 RMK AO2 SLP142 T02440211											
4:56 AM	75.9 °F 24.4 °C	70.0 °F 21.1 °C	82%	29.96 pul / 1014.5 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Despejado
METAR TJSJ 080856Z 00000KT 10SM CLR 24/21 A2996 RMK AO2 SLP145 T02440211 55002											
5:56 AM	75.9 °F 24.4 °C	70.0 °F 21.1 °C	82%	29.97 pul / 1014.8 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Parcialmente Nublado
METAR TJSJ 080956Z 00000KT 10SM FEW060 24/21 A2997 RMK AO2 SLP148 HZ ALQDS T02440211											
6:56 AM	78.1 °F 25.6 °C	70.0 °F 21.1 °C	76%	29.99 pul / 1015.3 HPA	2.5 Millas / 4.0 Kilómetros	Sin Viento	Sin Viento	-	N/A		Bruma

25.6 °C 21.1 °C										
METAR TJSJ 081056Z COR 00000KT 2 1/2SM HZ FEW050 26/21 A2999 RMK AO2 HZ ALQDS SLP153 T02560211										
7:56 AM	80.1 °F 26.7 °C	73.0 °F 22.8 °C	79%	29.99 pul / 1015.4 HPA	2.5 Millas / 4.0 Kilómetros	Este	9.2 mph / 14.8 km/h / - 4.1 m/s	N/A	Bruma	
METAR TJSJ 081156Z 10008KT 2 1/2SM HZ FEW050 27/23 A2999 RMK AO2 SLP154 HZ ALQDS T02670228 10267 20239 51010										
8:03 AM	80.6 °F 27.0 °C	73.4 °F 23.0 °C	79%	29.99 pul / 1015.5 HPA	2.5 Millas / 4.0 Kilómetros	Este	8.1 mph / 13.0 km/h / - 3.6 m/s	N/A	Bruma	
SPECI TJSJ 081203Z 10007KT 2 1/2SM HZ FEW050 27/23 A2999 RMK AO2										
8:12 AM	80.6 °F 27.0 °C	73.4 °F 23.0 °C	79%	29.99 pul / 1015.5 HPA	3.0 Millas / 4.8 Kilómetros	ESE	6.9 mph / 11.1 km/h / - 3.1 m/s	N/A	Bruma	
SPECI TJSJ 081212Z 11006KT 3SM HZ FEW050 27/23 A2999 RMK AO2 HZ ALQDS										
8:56 AM	82.9 °F 28.3 °C	73.0 °F 22.8 °C	72%	29.99 pul / 1015.5 HPA	3.0 Millas / 4.8 Kilómetros	Este	11.5 mph / 18.5 km/h / - 5.1 m/s	N/A	Bruma	
METAR TJSJ 081256Z 09010KT 3SM HZ FEW040 28/23 A2999 RMK AO2 SLP155 HZ ALQDS T02830228										
9:56 AM	84.9 °F 29.4 °C	72.0 °F 22.2 °C	65%	30.00 pul / 1015.9 HPA	4.0 Millas / 6.4 Kilómetros	ENE	15.0 mph / 24.1 km/h / - 6.7 m/s	N/A	Bruma	
METAR TJSJ 081356Z 07013KT 4SM HZ FEW035 29/22 A3000 RMK AO2 SLP159 HZ ALQDS T02940222										
10:56 AM	88.0 °F 31.1 °C	71.1 °F 21.7 °C	57%	30.00 pul / 1015.8 HPA	4.0 Millas / 6.4 Kilómetros	Este	15.0 mph / 24.1 km/h / - 6.7 m/s	N/A	Bruma	
METAR TJSJ 081456Z 08013KT 4SM HZ FEW035 31/22 A3000 RMK AO2 SLP158 HZ ALQDS T03110217 50003										
11:56 AM	87.1 °F 30.6 °C	72.0 °F 22.2 °C	61%	30.00 pul / 1015.9 HPA	4.0 Millas / 6.4 Kilómetros	Este	16.1 mph / 25.9 km/h / - 7.2 m/s	N/A	Bruma	
METAR TJSJ 081556Z 09014KT 4SM HZ SCT035 31/22 A3000 RMK AO2 SLP159 HZ ALQDS T03060222										
12:56 PM	88.0 °F 31.1 °C	71.1 °F 21.7 °C	57%	29.99 pul / 1015.3 HPA	5.0 Millas / 8.0 Kilómetros	Este	11.5 mph / 18.5 km/h / 5.1 m/s	20.7 mph / 33.3 km/h / 9.3 m/s	N/A	Bruma
METAR TJSJ 081656Z 10010G18KT 5SM HZ FEW035 31/22 A2999 RMK AO2 SLP153 HZ ALQDS T03110217										
1:56 PM	89.1 °F 31.7 °C	72.0 °F 22.2 °C	57%	29.98 pul / 1015.0 HPA	5.0 Millas / 8.0 Kilómetros	Este	16.1 mph / 25.9 km/h / - 7.2 m/s	N/A	Bruma	
METAR TJSJ 081756Z 09014KT 5SM HZ FEW035 32/22 A2998 RMK AO2 SLP150 HZ ALQDS T03170222 10317 20267 58008										
2:56 PM	88.0 °F 31.1 °C	72.0 °F 22.2 °C	59%	29.97 pul / 1014.7 HPA	5.0 Millas / 8.0 Kilómetros	Este	16.1 mph / 25.9 km/h / - 7.2 m/s	N/A	Bruma	
METAR TJSJ 081856Z 09014KT 5SM HZ FEW037 SCT110 31/22 A2997 RMK AO2 SLP147 HZ ALQDS T03110222										
3:56 PM	89.1 °F 31.7 °C	71.1 °F 21.7 °C	55%	29.96 pul / 1014.6 HPA	5.0 Millas / 8.0 Kilómetros	Este	16.1 mph / 25.9 km/h / - 7.2 m/s	N/A	Bruma	
METAR TJSJ 081956Z 09014KT 5SM HZ FEW035 SCT110 32/22 A2997 RMK AO2 SLP146 HZ ALQDS T03170217										
4:56 PM	86.0 °F 30.0 °C	71.1 °F 21.7 °C	61%	29.96 pul / 1014.4 HPA	5.0 Millas / 8.0 Kilómetros	ESE	9.2 mph / 14.8 km/h / - 4.1 m/s	N/A	Bruma	
METAR TJSJ 082056Z 11008KT 5SM HZ SCT045 SCT110 30/22 A2996 RMK AO2 SLP144 HZ ALQDS T03000217 56006										
5:56 PM	84.0 °F 28.9 °C	71.1 °F 21.7 °C	65%	29.97 pul / 1014.7 HPA	5.0 Millas / 8.0 Kilómetros	Este	12.7 mph / 20.4 km/h / - 5.7 m/s	N/A	Bruma	
METAR TJSJ 082156Z 08011KT 5SM HZ FEW045 SCT110 29/22 A2997 RMK AO2 SLP147 HZ ALQDS T02890217										
6:56 PM	82.0 °F 27.8 °C	71.1 °F 21.7 °C	69%	29.99 pul / 1015.4 HPA	5.0 Millas / 8.0 Kilómetros	Este	11.5 mph / 18.5 km/h / - 5.1 m/s	N/A	Bruma	
METAR TJSJ 082256Z 09010KT 5SM HZ FEW045 BKN110 28/22 A2999 RMK AO2 SLP154 HZ ALQDS T02780217										
7:56 PM	81.0 °F	72.0 °F	74%	30.00 pul / 1015.9 HPA	10.0 Millas / 16.1 Kilómetros	Este	8.1 mph / 13.0 km/h /	N/A	Bruma	

	27.2 °C	22.2 °C				3.6 m/s		
METAR TJSJ 082356Z 09007KT 10SM HZ FEW045 BKN110 27/22 A3000 RMK AO2 SLP159 HZ ALQDS T02720222 10317 20272 53015								
8:56 PM	81.0 °F 27.2 °C	72.0 °F 22.2 °C	74%	30.02 pul / 1016.5 HPA	5.0 Millas / 8.0 Kilómetros	Este	10.4 mph / 16.7 km/h / - 4.6 m/s	N/A Bruma
METAR TJSJ 090056Z 10009KT 5SM HZ FEW045 BKN110 27/22 A3002 RMK AO2 SLP165 HZ ALQDS T02720222								
9:56 PM	80.1 °F 26.7 °C	72.0 °F 22.2 °C	76%	30.01 pul / 1016.3 HPA	5.0 Millas / 8.0 Kilómetros	Este	6.9 mph / 11.1 km/h / - 3.1 m/s	N/A Bruma
METAR TJSJ 090156Z 09006KT 5SM HZ SCT110 27/22 A3002 RMK AO2 SLP163 HZ ALQDS T02670222								
10:56 PM	79.0 °F 26.1 °C	72.0 °F 22.2 °C	79%	30.02 pul / 1016.5 HPA	5.0 Millas / 8.0 Kilómetros	Este	5.8 mph / 9.3 km/h / - 2.6 m/s	N/A Bruma
METAR TJSJ 090256Z 09005KT 5SM HZ SCT110 26/22 A3002 RMK AO2 SLP165 HZ ALQDS T02610222 51007								
11:56 PM	80.1 °F 26.7 °C	71.1 °F 21.7 °C	74%	30.00 pul / 1015.9 HPA	5.0 Millas / 8.0 Kilómetros	Este	8.1 mph / 13.0 km/h / - 3.6 m/s	N/A Bruma
METAR TJSJ 090356Z 10007KT 5SM HZ SCT110 27/22 A3000 RMK AO2 SLP159 HZ ALQDS T02670217 403170239								



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Historia de Ponce, PR

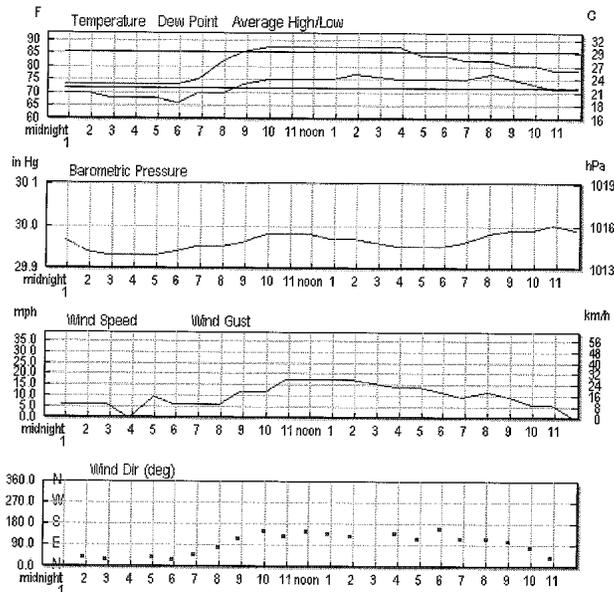
Jueves, Mayo 8, 2008

Daily Summary

	Actual:	Average :	Record :
Temperature:			
Temperatura Media	80 °F / 26 °C	-	-
Temperatura Máxima	87 °F / 30 °C	86 °F / 29 °C	93 °F / 33 °C (1997)
Temperatura Mínima	73 °F / 22 °C	72 °F / 22 °C	71 °F / 21 °C (2002)
Cooling Degree Days	15		
Growing Degree Days	30 (Base 50)		
Moisture:			
Punto de Rocio	70 °F / 21 °C		
Average Humidity	75		
Maximum Humidity	88		
Minimum Humidity	66		
Precipitación:			
Precipitación	0.00 pul / 0.00 cm	-	- 0)
Presión al Nivel del Mar:			
Presión al Nivel del Mar	29.94 pul / 1014 HPA		
Viento:			
Velocidad del Viento	6 mph / 10 km/h (Este)		
Velocidad Máxima del Viento	17 mph / 27 km/h		
Max Gust Speed	29 mph / 47 km/h		
Visibilidad	8 Millas / 13 Kilómetros		
Eventos			

Averages and records for this station are not official NWS values.
 Click here for data from the nearest station with official NWS data (TJSJ).
 T = Trace of Precipitation, MM = Missing Value Source: NWS Daily Summary

Seasonal Weather Averages



Hourly Observations

Hora (AST):	Temp.: /	Punto de Rocío: /	Humedad: %	Presión al Nivel del Mar: /	Visibilidad: /	Wind Dir:	Velocidad del Viento: /	Velocidad de Ráfagas: /	Precip:	Eventos:	Condiciones Normales:
12:50 AM	73.4 °F 23.0 °C	69.8 °F 21.0 °C	88%	29.97 pul / 1014.8 HPA	8.0 Millas / 12.9 Kilómetros	ENE	5.8 mph / 9.3 km/h	- 2.6 m/s	N/A		Parcialmente Nublado
METAR TJPS 080450Z 06005KT 8SM FEW030 23/21 A2997											
1:50 AM	73.4 °F 23.0 °C	69.8 °F 21.0 °C	88%	29.94 pul / 1013.8 HPA	8.0 Millas / 12.9 Kilómetros	NE	5.8 mph / 9.3 km/h	- 2.6 m/s	N/A		Parcialmente Nublado
METAR TJPS 080550Z 04005KT 8SM FEW030 23/21 A2994											
2:50 AM	73.4 °F 23.0 °C	68.0 °F 20.0 °C	83%	29.93 pul / 1013.4 HPA	8.0 Millas / 12.9 Kilómetros	NNE	5.8 mph / 9.3 km/h	- 2.6 m/s	N/A		Parcialmente Nublado
METAR TJPS 080650Z 03005KT 8SM FEW030 23/20 A2993											
3:50 AM	73.4 °F 23.0 °C	68.0 °F 20.0 °C	83%	29.93 pul / 1013.4 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-	N/A		Parcialmente Nublado
METAR TJPS 080750Z 00000KT 8SM FEW030 23/20 A2993											
4:58 AM	73.4 °F 23.0 °C	68.0 °F 20.0 °C	83%	29.93 pul / 1013.4 HPA	8.0 Millas / 12.9 Kilómetros	NE	9.2 mph / 14.8 km/h	- 4.1 m/s	N/A		Parcialmente Nublado
METAR TJPS 080858Z 04008KT 8SM FEW030 23/20 A2993											
5:50 AM	73.4 °F 23.0 °C	66.2 °F 19.0 °C	78%	29.94 pul / 1013.8 HPA	8.0 Millas / 12.9 Kilómetros	NNE	5.8 mph / 9.3 km/h	- 2.6 m/s	N/A		Parcialmente Nublado
METAR TJPS 080950Z 03005KT 08SM FEW060 23/19 A2994											
6:50 AM	75.2 °F /	69.8 °F /	83%	29.95 pul / 1014.1 HPA	8.0 Millas / 12.9 Kilómetros	NE	5.8 mph / 9.3 km/h	-	N/A		Nubes Dispersas

	24.0 °C	21.0 °C							2.6 m/s		
METAR TJPS 081050Z 05005KT 8SM FEW025 SCT050 24/21 A2995 HZ ALQDS											
7:55 AM	82.4 °F	69.8 °F	66%	29.95 pul / 1014.1 HPA	8.0 Millas / 12.9 Kilómetros	Este	5.8 mph / 9.3 km/h	-	2.6 m/s	N/A	Nubes Dispersas
	28.0 °C	21.0 °C									
METAR TJPS 081155Z 08005KT 8SM FEW025 SCT050 28/21 A2995 HZ ALQDS											
8:50 AM	86.0 °F	73.4 °F	66%	29.96 pul / 1014.4 HPA	8.0 Millas / 12.9 Kilómetros	ESE	11.5 mph / 18.5 km/h	-	5.1 m/s	N/A	Nubes Dispersas
	30.0 °C	23.0 °C									
METAR TJPS 081250Z 12010KT 8SM SCT030 30/23 A2996 HZ ALQDS											
9:58 AM	87.8 °F	75.2 °F	66%	29.98 pul / 1015.1 HPA	8.0 Millas / 12.9 Kilómetros	SSE	11.5 mph / 18.5 km/h	-	5.1 m/s	N/A	Nubes Dispersas
	31.0 °C	24.0 °C									
METAR TJPS 081358Z 15010KT 8SM SCT030 31/24 A2998 HZ ALQDS											
10:52 AM	87.8 °F	75.2 °F	66%	29.98 pul / 1015.1 HPA	8.0 Millas / 12.9 Kilómetros	SE	17.3 mph / 27.8 km/h	-	7.7 m/s	N/A	Parcialmente Nublado
	31.0 °C	24.0 °C									
METAR TJPS 081452Z 13015KT 8SM FEW030 31/24 A2998 HZ ALQDS											
11:50 AM	87.8 °F	75.2 °F	66%	29.98 pul / 1015.1 HPA	8.0 Millas / 12.9 Kilómetros	SSE	17.3 mph / 27.8 km/h	-	7.7 m/s	N/A	Parcialmente Nublado
	31.0 °C	24.0 °C									
METAR TJPS 081550Z 15015KT 8SM FEW030 31/24 A2998 HZ ALQDS											
12:50 PM	87.8 °F	75.2 °F	66%	29.97 pul / 1014.8 HPA	8.0 Millas / 12.9 Kilómetros	SE	17.3 mph / 27.8 km/h	-	7.7 m/s	N/A	Parcialmente Nublado
	31.0 °C	24.0 °C									
METAR TJPS 081650Z 14015KT 8SM FEW030 31/24 A2997 HZ ALQDS											
1:50 PM	87.8 °F	77.0 °F	70%	29.97 pul / 1014.8 HPA	8.0 Millas / 12.9 Kilómetros	SE	17.3 mph / 27.8 km/h	28.8 mph / 46.3 km/h	7.7 m/s / 12.9 m/s	N/A	Mayormente Nublado
	31.0 °C	25.0 °C									
METAR TJPS 081750Z 13015G25KT 8SM BKN050 31/25 A2997 HZ ALQDS											
3:50 PM	87.8 °F	75.2 °F	66%	29.95 pul / 1014.1 HPA	8.0 Millas / 12.9 Kilómetros	SE	13.8 mph / 22.2 km/h	-	6.2 m/s	N/A	Mayormente Nublado
	31.0 °C	24.0 °C									
METAR TJPS 081950Z 14012KT 8SM FEW025 BKN050 31/24 A2995 HZ ALQDS											
4:50 PM	84.2 °F	75.2 °F	74%	29.95 pul / 1014.1 HPA	8.0 Millas / 12.9 Kilómetros	ESE	13.8 mph / 22.2 km/h	-	6.2 m/s	N/A	Mayormente Nublado
	29.0 °C	24.0 °C									
METAR TJPS 082050Z 12012KT 8SM FEW025 BKN050 29/24 A2995 HZ ALQDS											
5:50 PM	84.2 °F	75.2 °F	74%	29.95 pul / 1014.1 HPA	8.0 Millas / 12.9 Kilómetros	SSE	11.5 mph / 18.5 km/h	-	5.1 m/s	N/A	Mayormente Nublado
	29.0 °C	24.0 °C									
METAR TJPS 082150Z 16010KT 08SM FEW025 BKN050 29/24 A2995 HZ ALL QUAD											
6:50 PM	82.4 °F	75.2 °F	79%	29.96 pul / 1014.4 HPA	8.0 Millas / 12.9 Kilómetros	ESE	9.2 mph / 14.8 km/h	-	4.1 m/s	N/A	Mayormente Nublado
	28.0 °C	24.0 °C									
METAR TJPS 082250Z 12008KT 8SM FEW025 BKN050 28/24 A2996											
7:58 PM	82.4 °F	77.0 °F	84%	29.98 pul / 1015.1 HPA	8.0 Millas / 12.9 Kilómetros	ESE	11.5 mph / 18.5 km/h	-	5.1 m/s	N/A	Mayormente Nublado
	28.0 °C	25.0 °C									
METAR TJPS 082358Z 12010KT 8SM FEW025 BKN050 28/25 A2998 HZ ALQDS											
8:58 PM	80.6 °F	75.2 °F	84%	29.99 pul / 1015.5 HPA	8.0 Millas / 12.9 Kilómetros	ESE	9.2 mph / 14.8 km/h	-	4.1 m/s	N/A	Mayormente Nublado
	27.0 °C	24.0 °C									
METAR TJPS 090058Z 11008KT 08SM FEW025 BKN080 27/24 A2999 HZ ALQDS											
9:58 PM	80.6 °F	73.4 °F	79%	29.99 pul / 1015.5 HPA	8.0 Millas / 12.9 Kilómetros	Este	5.8 mph / 9.3 km/h	-	2.6 m/s	N/A	Nubes Dispersas
	27.0 °C	23.0 °C									
METAR TJPS 090158Z 08005KT 8SM FEW025 SCT060 27/23 A2999 RMK HZ ALQDS											
10:50 PM	78.8 °F	71.6 °F	78%	30.00 pul / 1015.8 HPA	8.0 Millas / 12.9 Kilómetros	NE	5.8 mph / 9.3 km/h	-		N/A	Nubes Dispersas
	/	/									

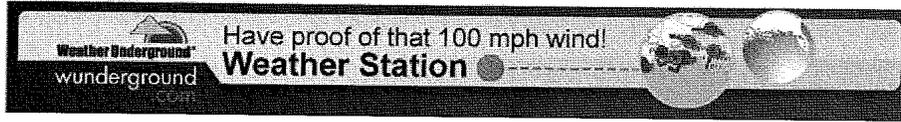
26.0 °C 22.0 °C 2.6 m/s
METAR TJPS 090250Z 04005KT 8SM FEW025 SCT060 26/22 A3000 HZ ALQDS

11:50 78.8 °F 71.6 °F 78% 29.99 pul / 8.0 Millas / Sin Sin Viento - N/A Nubes
PM 26.0 °C 22.0 °C 1015.5 HPA 12.9 Kilómetros Viento

METAR TJPS 090350Z 00000KT 8SM FEW025 SCT060 26/22 A2999 HAZE ALQDS



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Historia de St. Croix, VI

Jueves Mayo 8, 2008

Daily Summary

	Actual:	Average :	Record :
Temperature:			
Temperatura Media	81 °F / 27 °C	-	
Temperatura Máxima	84 °F / 28 °C	83 °F / 28 °C	89 °F / 31 °C (1999)
Temperatura Mínima	78 °F / 25 °C	74 °F / 23 °C	72 °F / 22 °C (2004)
Cooling Degree Days	16		
Growing Degree Days	31 (Base 50)		
Moisture:			
Punto de Rocío	74 °F / 23 °C		
Average Humidity	80		
Maximum Humidity	90		
Minimum Humidity	67		
Precipitación:			
Precipitación	0.01 pul / 0.03 cm	-	- 0
Presión al Nivel del Mar:			
Presión al Nivel del Mar	29.98 pul / 1015 HPA		
Viento:			
Velocidad del Viento	7 mph / 11 km/h (Este)		
Velocidad Máxima del Viento	17 mph / 27 km/h		
Max Gust Speed	-		
Visibilidad	7 Millas / 12 Kilómetros		
Eventos			

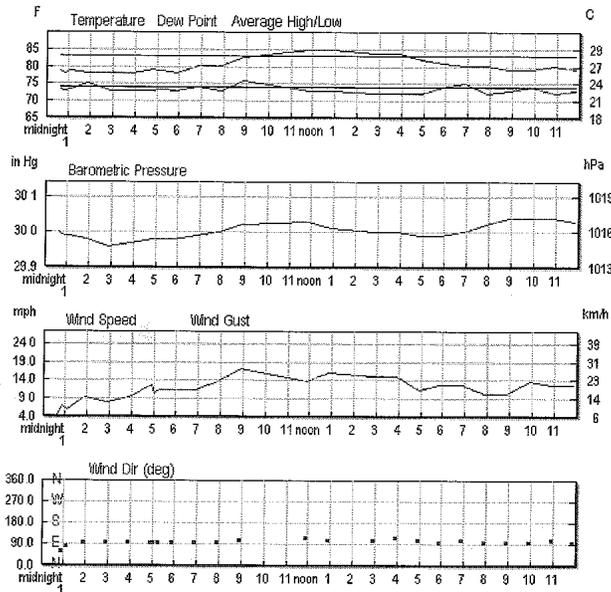
Averages and records for this station are not official NWS values.

[Click here for data from the nearest station with official NWS data \(TIST\).](#)

T = Trace of Precipitation, MM = Missing Value

Source: NWS Daily Summary

Seasonal Weather Averages



Hourly Observations

Hora (AST):	Temp.: /	Punto de Rocio: /	Humedad: %	Presión al Nivel del Mar: pul / HPA	Visibilidad: Millas / Kilómetros	Wind Dir: Dir:	Velocidad del Viento: mph / km/h / m/s	Velocidad de Ráfagas: -	Precip: pul / cm	Eventos:	Condiciones Normales:
12:39 AM	78.8 °F / 26.0 °C	73.4 °F / 23.0 °C	83%	30.00 pul / 1015.8 HPA	9.0 Millas / 14.5 Kilómetros	NE	4.6 mph / 7.4 km/h / 2.1 m/s	-	0.00 pul / 0.0 cm		Bruma
SPECI TISX 080439Z AUTO 05004KT 9SM HZ SCT015 BKN026 BKN049 26/23 A3000 RMK AO2 RAB25E38 P0000 TSNO											
12:53 AM	78.1 °F / 25.6 °C	73.0 °F / 22.8 °C	84%	29.99 pul / 1015.6 HPA	8.0 Millas / 12.9 Kilómetros	ENE	6.9 mph / 11.1 km/h / 3.1 m/s	-	0.00 pul / 0.0 cm		Bruma
METAR TISX 080453Z AUTO 08006KT 8SM HZ SCT017 BKN023 26/23 A3000 RMK AO2 RAB25E38 SLP156 P0000 T02560228 TSNO											
1:06 AM	78.8 °F / 26.0 °C	73.4 °F / 23.0 °C	83%	29.99 pul / 1015.5 HPA	8.0 Millas / 12.9 Kilómetros	Este	5.8 mph / 9.3 km/h / 2.6 m/s	-	N/A		Bruma
SPECI TISX 080506Z AUTO 08005KT 8SM HZ FEW015 SCT050 26/23 A2999 RMK AO2 TSNO											
1:53 AM	78.1 °F / 25.6 °C	75.0 °F / 23.9 °C	90%	29.98 pul / 1015.1 HPA	8.0 Millas / 12.9 Kilómetros	Este	9.2 mph / 14.8 km/h / 4.1 m/s	-	N/A		Bruma
METAR TISX 080553Z AUTO 10008KT 8SM HZ FEW017 26/24 A2998 RMK AO2 SLP151 60000 T02560239 10267 20256 58013 TSNO											
2:53 AM	78.1 °F / 25.6 °C	73.0 °F / 22.8 °C	84%	29.96 pul / 1014.6 HPA	8.0 Millas / 12.9 Kilómetros	Este	8.1 mph / 13.0 km/h / 3.6 m/s	-	N/A		Bruma
METAR TISX 080653Z AUTO 10007KT 8SM HZ FEW015 26/23 A2997 RMK AO2 SLP146 T02560228 TSNO											
3:53 AM	78.1 °F / 25.6 °C	73.0 °F / 22.8 °C	84%	29.97 pul / 1014.7 HPA	8.0 Millas / 12.9 Kilómetros	Este	9.2 mph / 14.8 km/h / 4.1 m/s	-	0.01 pul / 0.0 cm		Bruma
METAR TISX 080753Z AUTO 10008KT 8SM HZ FEW014 26/23 A2997 RMK AO2 SLP147 P0001 T02560228 TSNO											

4:53 AM	79.0 °F 26.1 °C	73.0 °F 22.8 °C	82%	29.98 pul / 1015.1 HPA	8.0 Millas / 12.9 Kilómetros	Este	12.7 mph / 20.4 km/h / - 5.7 m/s	N/A	Bruma
METAR TISX 080853Z AUTO 10011KT 8SM HZ SCT017 SCT023 26/23 A2998 RMK AO2 SLP151 60001 T02610228 55000 TSNO									
5:02 AM	78.8 °F 26.0 °C	73.4 °F 23.0 °C	83%	29.98 pul / 1015.1 HPA	8.0 Millas / 12.9 Kilómetros	Este	10.4 mph / 16.7 km/h / - 4.6 m/s	N/A	Bruma
METAR TISX 080902Z AUTO 10009KT 8SM HZ SCT015 BKN023 BKN029 26/23 A2998 RMK AO2 TSNO									
5:14 AM	78.8 °F 26.0 °C	73.4 °F 23.0 °C	83%	29.98 pul / 1015.1 HPA	8.0 Millas / 12.9 Kilómetros	Este	11.5 mph / 18.5 km/h / - 5.1 m/s	N/A	Bruma
SPECI TISX 080914Z AUTO 10010KT 8SM HZ FEW015 SCT022 SCT029 26/23 A2998 RMK AO2 TSNO									
5:53 AM	78.1 °F 25.6 °C	73.0 °F 22.8 °C	84%	29.98 pul / 1015.2 HPA	8.0 Millas / 12.9 Kilómetros	Este	11.5 mph / 18.5 km/h / - 5.1 m/s	N/A	Bruma
METAR TISX 080953Z AUTO 10010KT 8SM HZ FEW017 26/23 A2999 RMK AO2 SLP152 T02560228 TSNO									
6:53 AM	80.1 °F 26.7 °C	73.9 °F 23.3 °C	81%	29.99 pul / 1015.4 HPA	7.0 Millas / 11.3 Kilómetros	Este	11.5 mph / 18.5 km/h / - 5.1 m/s	N/A	Nubes Dispersas
METAR TISX 081053Z 10010KT 7SM SCT015 SCT100 27/23 A2999 RMK AO2 SLP154 T02670233									
7:53 AM	80.1 °F 26.7 °C	73.0 °F 22.8 °C	79%	30.00 pul / 1015.9 HPA	5.0 Millas / 8.0 Kilómetros	Este	13.8 mph / 22.2 km/h / - 6.2 m/s	N/A	Bruma
METAR TISX 081153Z 10012KT 5SM HZ SCT021 SCT110 27/23 A3000 RMK AO2 SLP159 60001 70001 T02670228 10272 20256 53008									
8:53 AM	82.9 °F 28.3 °C	75.9 °F 24.4 °C	79%	30.02 pul / 1016.4 HPA	5.0 Millas / 8.0 Kilómetros	ESE	17.3 mph / 27.8 km/h / - 7.7 m/s	N/A	Bruma
METAR TISX 081253Z 11015KT 5SM HZ FEW022 28/24 A3002 RMK AO2 SLP164 T02830244									
11:53 AM	84.9 °F 29.4 °C	73.0 °F 22.8 °C	67%	30.03 pul / 1016.9 HPA	9.0 Millas / 14.5 Kilómetros	ESE	13.8 mph / 22.2 km/h / - 6.2 m/s	N/A	Bruma
METAR TISX 081553Z 12012KT 9SM HZ CLR 29/23 A3003 RMK AO2 SLP169 T02940228									
12:53 PM	84.9 °F 29.4 °C	73.0 °F 22.8 °C	67%	30.01 pul / 1016.3 HPA	9.0 Millas / 14.5 Kilómetros	ESE	16.1 mph / 25.9 km/h / - 7.2 m/s	N/A	Bruma
METAR TISX 081653Z 11014KT 9SM HZ FEW016 29/23 A3002 RMK AO2 SLP163 T02940228									
2:53 PM	84.0 °F 28.9 °C	72.0 °F 22.2 °C	67%	30.00 pul / 1015.9 HPA	6.0 Millas / 9.7 Kilómetros	ESE	15.0 mph / 24.1 km/h / - 6.7 m/s	N/A	Bruma
METAR TISX 081853Z 11013KT 6SM HZ FEW027 29/22 A3000 RMK AO2 SLP159 T02890222									
3:53 PM	84.0 °F 28.9 °C	72.0 °F 22.2 °C	67%	30.00 pul / 1015.7 HPA	6.0 Millas / 9.7 Kilómetros	ESE	15.0 mph / 24.1 km/h / - 6.7 m/s	N/A	Bruma
METAR TISX 081953Z 12013KT 6SM HZ FEW024 29/22 A3000 RMK AO2 SLP157 T02890222									
4:53 PM	82.0 °F 27.8 °C	72.0 °F 22.2 °C	71%	29.99 pul / 1015.4 HPA	6.0 Millas / 9.7 Kilómetros	ESE	11.5 mph / 18.5 km/h / - 5.1 m/s	N/A	Bruma
METAR TISX 082053Z 11010KT 6SM HZ FEW025 SCT050 28/22 A2999 RMK AO2 SLP154 T02780222 58005									
5:53 PM	81.0 °F 27.2 °C	73.9 °F 23.3 °C	79%	29.99 pul / 1015.5 HPA	6.0 Millas / 9.7 Kilómetros	Este	12.7 mph / 20.4 km/h / - 5.7 m/s	N/A	Bruma
METAR TISX 082153Z 10011KT 6SM HZ FEW021 BKN095 27/23 A2999 RMK AO2 SLP155 T02720233									
6:53 PM	80.1 °F 26.7 °C	75.0 °F 23.9 °C	85%	30.00 pul / 1015.9 HPA	6.0 Millas / 9.7 Kilómetros	ESE	12.7 mph / 20.4 km/h / - 5.7 m/s	N/A	Bruma
METAR TISX 082253Z 11011KT 6SM HZ FEW022 BKN090 27/24 A3000 RMK AO2 SLP159 T02670239									
7:53 PM	80.1 °F 26.7 °C	72.0 °F 22.2 °C	76%	30.02 pul / 1016.4 HPA	8.0 Millas / 12.9 Kilómetros	Este	10.4 mph / 16.7 km/h / - 4.6 m/s	N/A	Bruma
METAR TISX 082353Z 10009KT 8SM HZ CLR 27/22 A3002 RMK AO2 SLP164 T02670222 10300 20267 53010									

8:53 PM	79.0 °F 26.1 °C	73.0 °F 22.8 °C	82%	30.04 pul / 1017.0 HPA	6.0 Millas / 9.7 Kilómetros	Este	10.4 mph / 16.7 km/h / - 4.6 m/s	N/A	Bruma
METAR TISX 090053Z 10009KT 6SM HZ FEW018 26/23 A3004 RMK AO2 SLP170 T02610228									
9:53 PM	79.0 °F 26.1 °C	73.9 °F 23.3 °C	84%	30.04 pul / 1017.0 HPA	8.0 Millas / 12.9 Kilómetros	Este	13.8 mph / 22.2 km/h / - 6.2 m/s	N/A	Bruma
METAR TISX 090153Z 10012KT 8SM HZ FEW018 26/23 A3004 RMK AO2 SLP170 T02610233									
10:53 PM	80.1 °F 26.7 °C	72.0 °F 22.2 °C	76%	30.04 pul / 1017.0 HPA	8.0 Millas / 12.9 Kilómetros	ESE	12.7 mph / 20.4 km/h / - 5.7 m/s	N/A	Bruma
METAR TISX 090253Z AUTO 11011KT 8SM HZ CLR 27/22 A3004 RMK AO2 SLP170 T02670222 50005 TSNO									
11:53 PM	79.0 °F 26.1 °C	73.0 °F 22.8 °C	82%	30.03 pul / 1016.7 HPA	8.0 Millas / 12.9 Kilómetros	Este	12.7 mph / 20.4 km/h / - 5.7 m/s	N/A	Bruma
METAR TISX 090353Z AUTO 10011KT 8SM HZ FEW018 26/23 A3003 RMK AO2 SLP167 T02610228 403000256 TSNO									



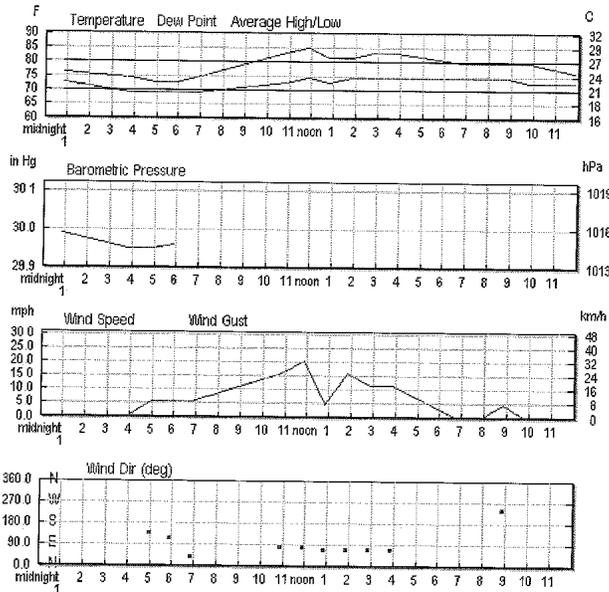
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		30.0 °C	24.0 °C					9.3 m/s				
METAR TJBQ 081550Z 08018KT 6SM HZ FEW015 SCT020 30/24												
12:50	82.4 °F	73.4 °F										
PM	/	/	74%	- / -	6.0 Millas /	ENE	4.6 mph /	7.4 km/h /	-	N/A		Bruma
	28.0 °C	23.0 °C			9.7 Kilómetros		2.1 m/s					
METAR TJBQ 081650Z 07004KT 6SM HZ BKN020 28/23												
1:50	82.4 °F	75.2 °F										
PM	/	/	79%	- / -	5.0 Millas /	ENE	16.1 mph /	25.9 km/h /	-	N/A		Bruma
	28.0 °C	24.0 °C			8.0 Kilómetros		7.2 m/s					
METAR TJBQ 081750Z 07014KT 5SM HZ BKN020 28/24												
2:50	84.2 °F	75.2 °F										
PM	/	/	74%	- / -	5.0 Millas /	ENE	11.5 mph /	18.5 km/h /	-	N/A		Bruma
	29.0 °C	24.0 °C			8.0 Kilómetros		5.1 m/s					
METAR TJBQ 081850Z 07010KT 05SM HZ BKN020 29/24												
3:50	84.2 °F	75.2 °F										
PM	/	/	74%	- / -	7.0 Millas /	ENE	11.5 mph /	18.5 km/h /	-	N/A		Bruma
	29.0 °C	24.0 °C			11.3 Kilómetros		5.1 m/s					
METAR TJBQ 081950Z 07010KT 7SM HZ BKN020 29/24												
6:50	80.6 °F	75.2 °F										
PM	/	/	84%	- / -	7.0 Millas /	Sin	Sin Viento	-	-	N/A		Bruma
	27.0 °C	24.0 °C			11.3 Kilómetros	Viento						
METAR TJBQ 082250Z 00000KT 7SM HZ SCT020 27/24												
7:50	80.6 °F	75.2 °F										
PM	/	/	84%	- / -	-	Sin	Sin Viento	-	-	N/A		Bruma
	27.0 °C	24.0 °C				Viento						
METAR TJBQ 082350Z 00000KT 7 HZSM SCT020 27/24												
8:50	80.6 °F	75.2 °F										
PM	/	/	84%	- / -	7.0 Millas /	OSO	4.6 mph /	7.4 km/h /	-	N/A		Bruma
	27.0 °C	24.0 °C			11.3 Kilómetros		2.1 m/s					
METAR TJBQ 090050Z 24004KT 7SM HZ FEW070 27/24												
9:50	80.6 °F	73.4 °F										
PM	/	/	79%	- / -	10.0 Millas /	Sin	Sin Viento	-	-	N/A		Bruma
	27.0 °C	23.0 °C			16.1 Kilómetros	Viento						
METAR TJBQ 090150Z 00000KT 10SM HZ FEW055 27/23												
11:50	77.0 °F	73.4 °F										
PM	/	/	89%		30.02 pul /	10.0 Millas /	Sin	Sin Viento	-	N/A		Parcialmente Nublado
	25.0 °C	23.0 °C			1016.5 HPA	16.1 Kilómetros	Viento					
METAR TJBQ 090350Z 00000KT 10SM FEW020 25/23 A3002												



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Hourly Observations

Hora (AST):	Temp.: /	Punto de Rocío: /	Humedad:	Presión al Nivel del Mar:	Visibilidad:	Wind Dir:	Velocidad del Viento:	Velocidad de Ráfagas:	Precip:	Eventos:	Condiciones Normales:
12:53 AM	77.0 °F 25.0 °C	73.4 °F 23.0 °C	89%	29.99 pul / 1015.5 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Nubes Dispersas
METAR TJBQ 080453Z 00000KT 10SM SCT020 25/23 A2999											
3:51 AM	75.2 °F 24.0 °C	69.8 °F 21.0 °C	83%	29.95 pul / 1014.1 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Nubes Dispersas
METAR TJBQ 080751Z 00000KT 10SM SCT020 24/21 A2995											
4:58 AM	73.4 °F 23.0 °C	69.8 °F 21.0 °C	88%	29.95 pul / 1014.4 HPA	10.0 Millas / 16.1 Kilómetros	SE	5.8 mph / 9.3 km/h / 2.6 m/s	-	N/A		Nubes Dispersas
METAR TJBQ 080858Z 14005KT 10SM SCT020 23/21 A2995											
5:50 AM	73.4 °F 23.0 °C	69.8 °F 21.0 °C	88%	29.96 pul / 1014.4 HPA	10.0 Millas / 16.1 Kilómetros	ESE	5.8 mph / 9.3 km/h / 2.6 m/s	-	N/A		Nubes Dispersas
METAR TJBQ 080950Z 12005KT 10SM SCT020 23/21 A2996											
6:50 AM	75.2 °F 24.0 °C	69.8 °F 21.0 °C	83%	- / -	10.0 Millas / 16.1 Kilómetros	NE	5.8 mph / 9.3 km/h / 2.6 m/s	-	N/A		Despejado
METAR TJBQ 081050Z 04005KT 10SM SKC 24/21											
10:51 AM	84.2 °F 29.0 °C	73.4 °F 23.0 °C	70%	- / -	10.0 Millas / 16.1 Kilómetros	Este	16.1 mph / 25.9 km/h / 7.2 m/s	-	N/A		Despejado
METAR TJBQ 081451Z 08014KT 10SM SKC 29/23											
11:50 AM	86.0 °F /	75.2 °F /	70%	- / -	6.0 Millas / 9.7 Kilómetros	Este	20.7 mph / 33.3 km/h /	-	N/A		Bruma

		30.0 °C	24.0 °C			9.3 m/s					
METAR TJBQ 081550Z 08018KT 6SM HZ FEW015 SCT020 30/24											
12:50	82.4 °F	73.4 °F									
PM	/	/	74%	- / -	6.0 Millas /	ENE	4.6 mph /	7.4 km/h /	-	N/A	Bruma
	28.0 °C	23.0 °C			9.7 Kilómetros		2.1 m/s				
METAR TJBQ 081650Z 07004KT 6SM HZ BKN020 28/23											
1:50	82.4 °F	75.2 °F									
PM	/	/	79%	- / -	5.0 Millas /	ENE	16.1 mph /	25.9 km/h /	-	N/A	Bruma
	28.0 °C	24.0 °C			8.0 Kilómetros		7.2 m/s				
METAR TJBQ 081750Z 07014KT 5SM HZ BKN020 28/24											
2:50	84.2 °F	75.2 °F									
PM	/	/	74%	- / -	5.0 Millas /	ENE	11.5 mph /	18.5 km/h /	-	N/A	Bruma
	29.0 °C	24.0 °C			8.0 Kilómetros		5.1 m/s				
METAR TJBQ 081850Z 07010KT 05SM HZ BKN020 29/24											
3:50	84.2 °F	75.2 °F									
PM	/	/	74%	- / -	7.0 Millas /	ENE	11.5 mph /	18.5 km/h /	-	N/A	Bruma
	29.0 °C	24.0 °C			11.3 Kilómetros		5.1 m/s				
METAR TJBQ 081950Z 07010KT 7SM HZ BKN020 29/24											
6:50	80.6 °F	75.2 °F									
PM	/	/	84%	- / -	7.0 Millas /	Sin	Sin	Sin	-	N/A	Bruma
	27.0 °C	24.0 °C			11.3 Kilómetros	Viento	Viento				
METAR TJBQ 082250Z 00000KT 7SM HZ SCT020 27/24											
7:50	80.6 °F	75.2 °F									
PM	/	/	84%	- / -	-	Sin	Sin	Sin	-	N/A	Bruma
	27.0 °C	24.0 °C				Viento	Viento				
METAR TJBQ 082350Z 00000KT 7 HZSM SCT020 27/24											
8:50	80.6 °F	75.2 °F									
PM	/	/	84%	- / -	7.0 Millas /	OSO	4.6 mph /	7.4 km/h /	-	N/A	Bruma
	27.0 °C	24.0 °C			11.3 Kilómetros		2.1 m/s				
METAR TJBQ 090050Z 24004KT 7SM HZ FEW070 27/24											
9:50	80.6 °F	73.4 °F									
PM	/	/	79%	- / -	10.0 Millas /	Sin	Sin	Sin	-	N/A	Bruma
	27.0 °C	23.0 °C			16.1 Kilómetros	Viento	Viento				
METAR TJBQ 090150Z 00000KT 10SM HZ FEW055 27/23											
11:50	77.0 °F	73.4 °F									
PM	/	/	89%		30.02 pul /	10.0 Millas /	Sin	Sin	-	N/A	Parcialmente
	25.0 °C	23.0 °C			1016.5 HPA	16.1 Kilómetros	Viento	Viento			Nublado
METAR TJBQ 090350Z 00000KT 10SM FEW020 25/23 A3002											

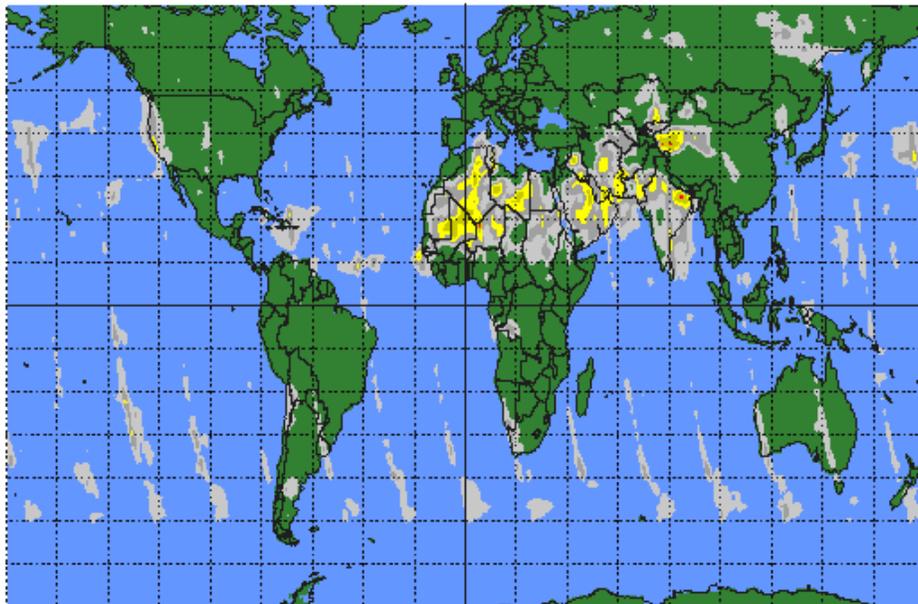


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Table 3			
May 9, 2008			
Station (AIRS Number)	Location	Parameter	Concentration
72-061-0001	Guaynabo	81102 (PM ₁₀)	95
72-057-0008	Guayama	81102 (PM ₁₀)	96
72-061-0005	Guaynabo	81102 (PM ₁₀)	106
72-053-0003	Fajardo	81102 (PM ₁₀)	96
72-001-0002	Adjuntas	88101 (PM _{2.5})	22.93
72-057-0008	Guayama	88101 (PM _{2.5})	30.87
72-053-0003	Fajardo	88101 (PM _{2.5})	26.28
72-127-0003	San Juan	81102 (PM _{2.5})	29.08
72-061-0005	Guaynabo	88101 (PM _{2.5})	25.33
72-059-0016	Guayanilla	88101 (PM _{2.5})	29.63

Date: May 9, 2008

OMI Aerosol Index
on May 09, 2008



Aerosol Index

NIVR-FMI-NASA-KNMI



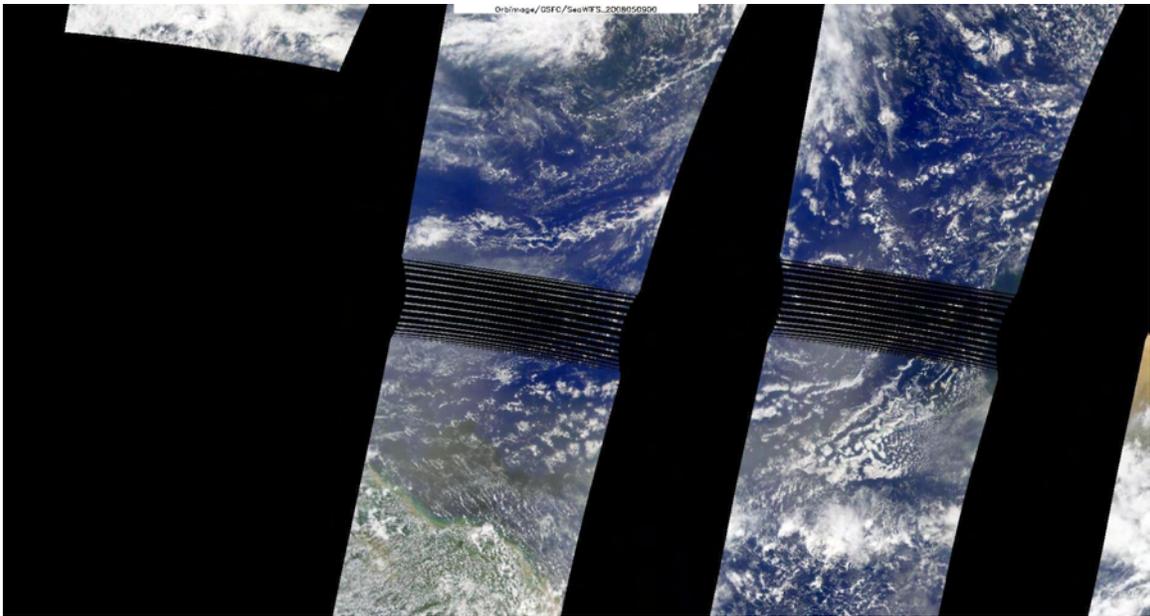


Fig. 1. Date: 2008 05 09 Source: Naval Research Lab.
<http://www.nrlmry.navy.mil/aerosol/#aerosolobservations>

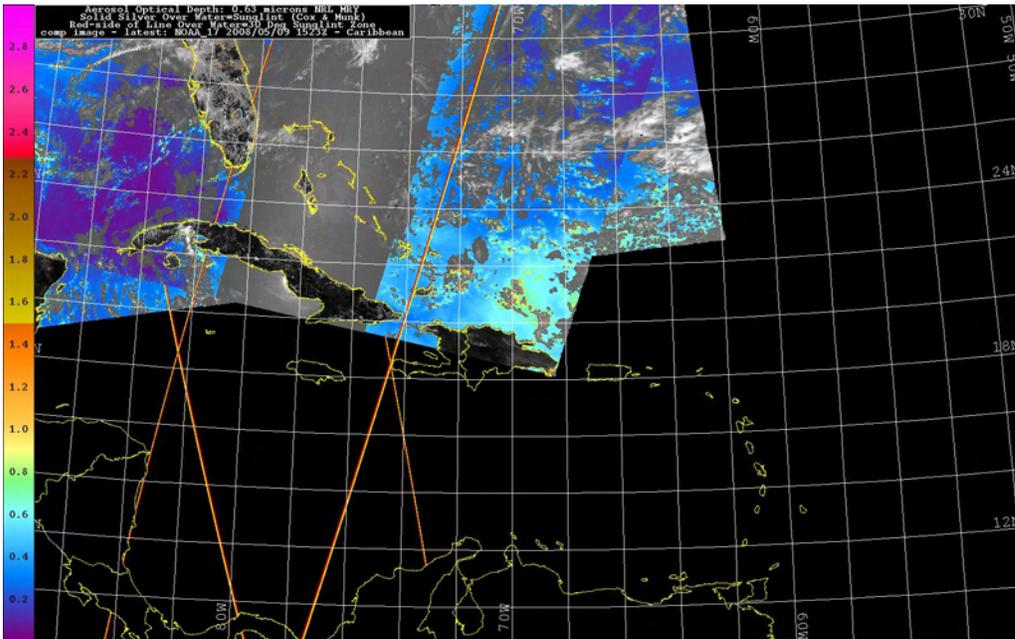
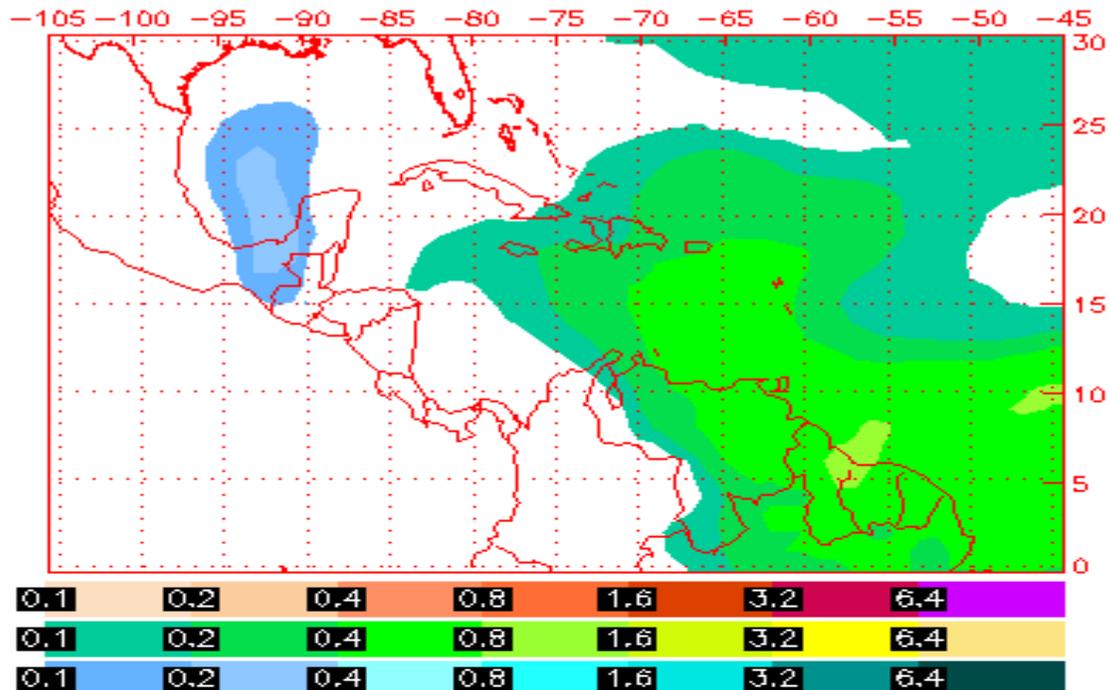
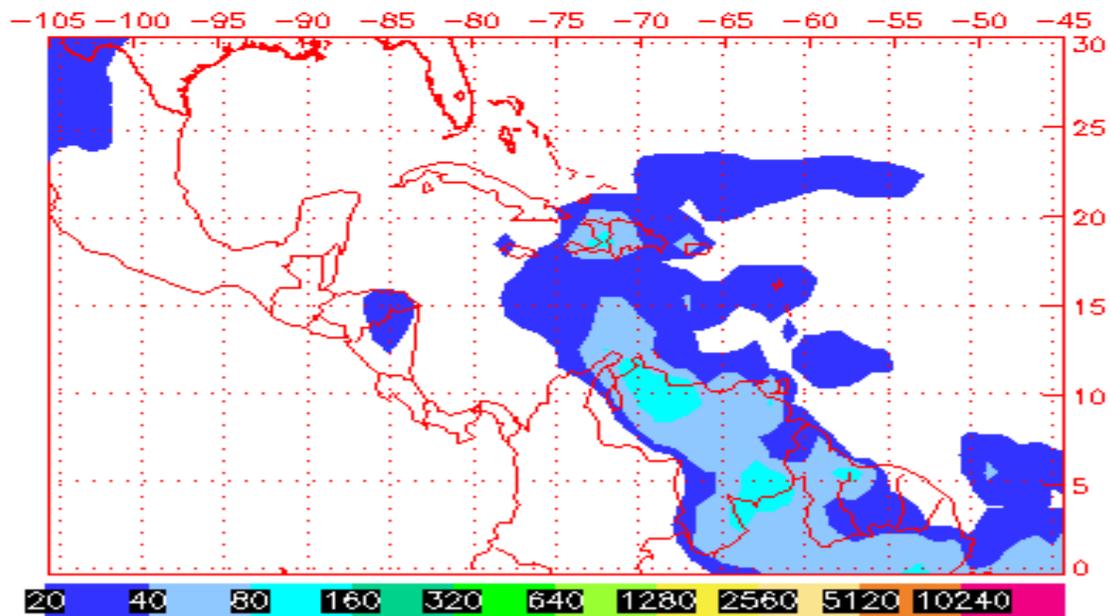


Fig. 2. Date: 2008 05 09 1523Z Source: Naval Research Lab.
<http://www.nrlmry.navy.mil/aerosol/#aerosolobservations>

NAAPS Total Optical Depth for 18:00Z 09 May 2008
 Sulfate: Orange/Red, Dust: Green/Yellow, Smoke: Blue

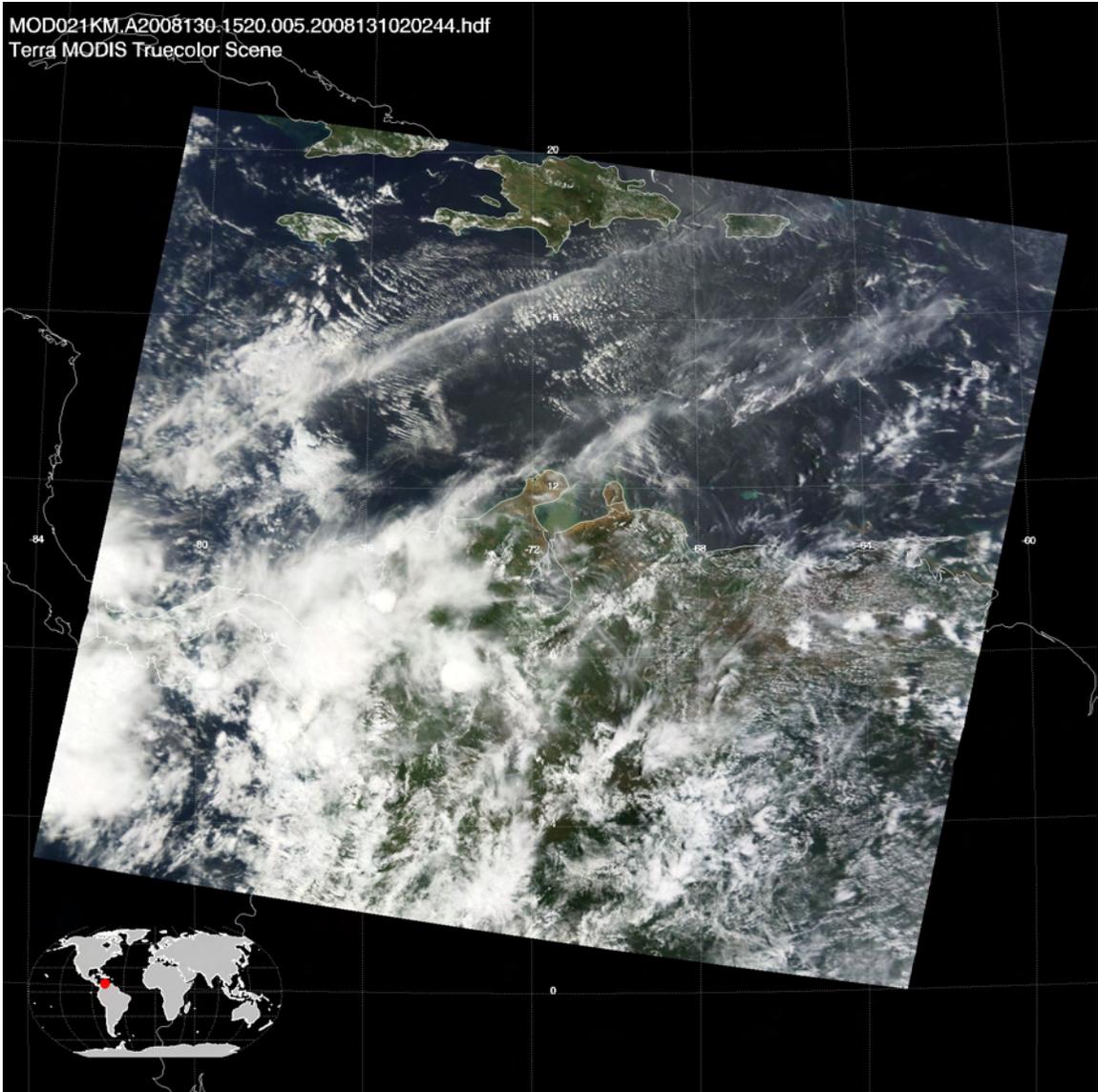


NAAPS Surface Concentration ($\mu\text{g}-\text{m}^{-3}$)
 for 18:00Z 09 May 2008 Dust



May 20 11:11:50 2008 NRL/Monterey Aerosol Modeling

Fig. 3. Date: 2008 05 09 Source: Naval Research Lab.
<http://www.nrlmry.navy.mil/aerosol/#aerosolobservations>



MYD021KM.A2008130.1825.005.2008131172647.hdf
Aqua MODIS Truecolor Scene

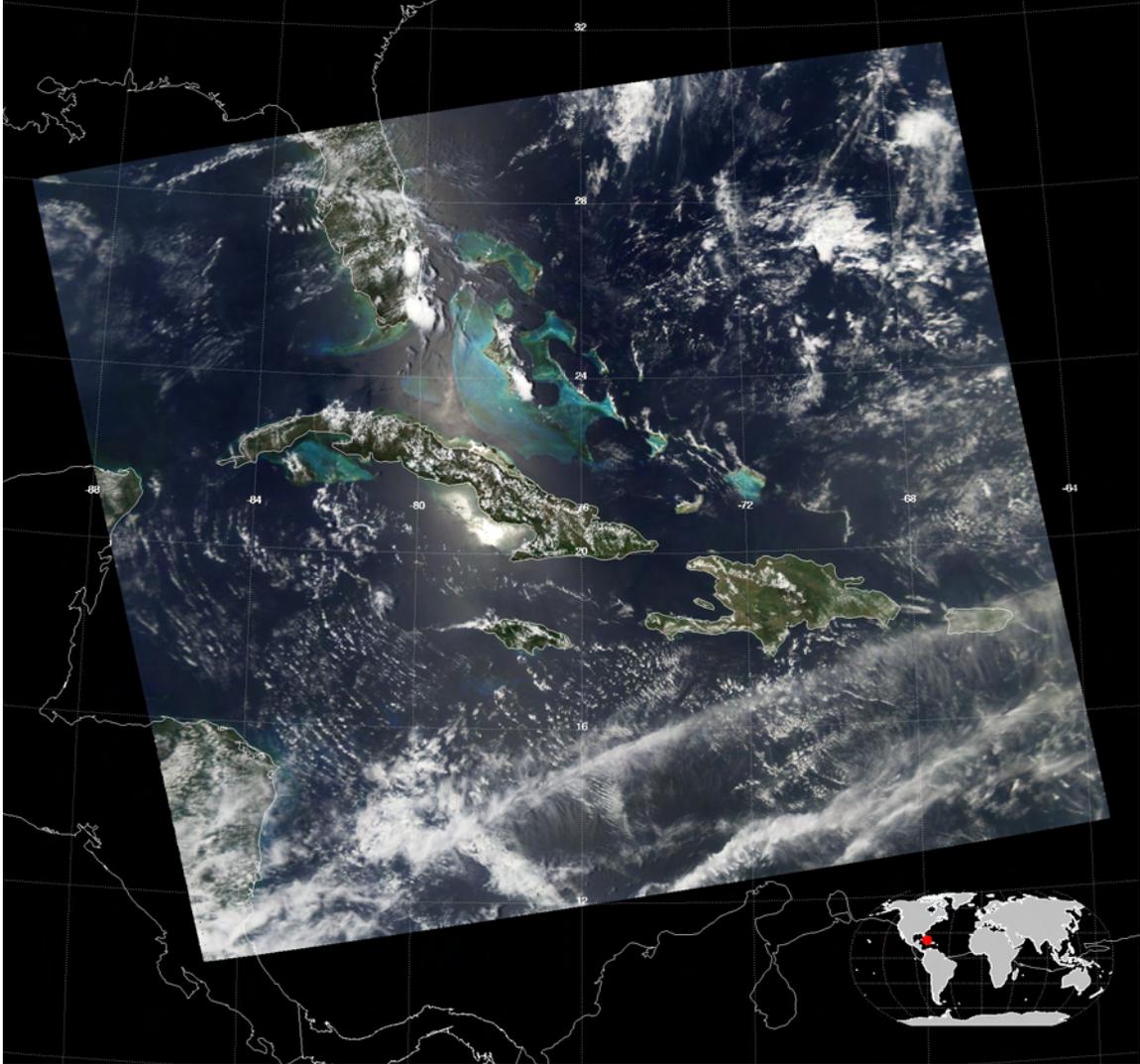


Fig. 5. Date: 2008 05 09 1825Z Source: NASA (MODerate Resolution Imaging Spectroradiometer) Aqua <http://modis-atmos.gsfc.nasa.gov/IMAGES/index.html>



Historia de Aquadilla, PR

Viernes, Mayo 9, 2008

Daily Summary

	Actual:	Average :	Record :
Temperature:			
Temperatura Media	78 °F / 25 °C	-	
Temperatura Máxima	84 °F / 28 °C	81 °F / 27 °C	87 °F / 30 °C (2002)
Temperatura Mínima	73 °F / 22 °C	71 °F / 21 °C	69 °F / 20 °C (2003)
Cooling Degree Days	14		
Growing Degree Days	28 (Base 50)		
Moisture:			
Punto de Rocío	73 °F / 22 °C		
Average Humidity	79		
Maximum Humidity	94		
Minimum Humidity	66		
Precipitación:			
Precipitación	0.00 pul / 0.00 cm	-	-0
Presión al Nivel del Mar:			
Presión al Nivel del Mar	30.01 pul / 1016 HPA		
Viento:			
Velocidad del Viento	0 mph / 0 km/h (Norte)		
Velocidad Máxima del Viento	6 mph / 10 km/h		
Max Gust Speed	-		
Visibilidad	9 Millas / 15 Kilómetros		
Eventos			

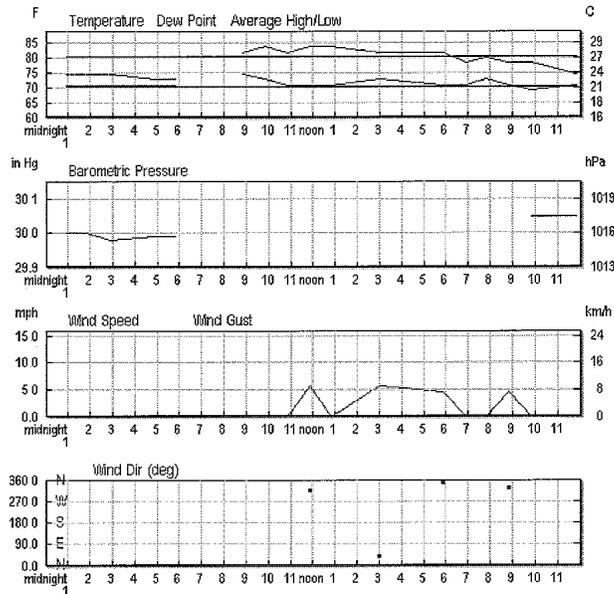
Averages and records for this station are not official NWS values.

[Click here for data from the nearest station with official NWS data \(TJSJ\).](#)

T = Trace of Precipitation, MM = Missing Value

Source: NWS Daily Summary

Seasonal Weather Averages



Hourly Observations

Hora (AST):	Temp:	Punto de Rocío:	Humedad:	Presión al Nivel del Mar:	Visibilidad:	Wind Dir:	Velocidad del Viento:	Velocidad de Ráfagas:	Precip:	Eventos:	Condiciones Normales:
12:54 AM	75.2 °F / 24.0 °C	71.6 °F / 22.0 °C	89%	30.00 pul / 1015.8 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Parcialmente Nublado
METAR TJBQ 090454Z 00000KT 10SM FEW020 24/22 A3000											
1:50 AM	75.2 °F / 24.0 °C	71.6 °F / 22.0 °C	89%	30.00 pul / 1015.8 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Parcialmente Nublado
METAR TJBQ 090550Z 00000KT 10SM FEW020 24/22 A3000											
2:52 AM	75.2 °F / 24.0 °C	71.6 °F / 22.0 °C	89%	29.98 pul / 1015.1 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Parcialmente Nublado
METAR TJBQ 090652Z 00000KT 10SM FEW020 24/22 A2998											
4:53 AM	73.4 °F / 23.0 °C	71.6 °F / 22.0 °C	94%	29.99 pul / 1015.5 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Parcialmente Nublado
METAR TJBQ 090853Z 00000KT 10SM FEW020 23/22 A2999											
5:49 AM	73.4 °F / 23.0 °C	71.6 °F / 22.0 °C	94%	29.99 pul / 1015.5 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Parcialmente Nublado
METAR TJBQ 090949Z 00000KT 10SM FEW020 23/22 A2999											
6:50 AM	-	-	N/A%	- / -	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Despejado
METAR TJBQ 091050Z 00000KT 10SM SKC											
8:50 AM	82.4 °F / 28.0 °C	75.2 °F / 24.0 °C	79%	- / -	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A		Nubes Dispersas

METAR TJBQ 091250Z 0000KT 10SM SCT020 28/24											
9:50 AM	84.2 °F 29.0 °C	73.4 °F 23.0 °C	70%	- / -	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A	Nubes Dispersas	
METAR TJBQ 091350Z 0000KT 10SM SCT020 29/23											
10:50 AM	82.4 °F 28.0 °C	71.6 °F 22.0 °C	70%	- / -	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A	Nubes Dispersas	
METAR TJBQ 091450Z 0000KT 10SM SCT030 28/22											
11:50 AM	84.2 °F 29.0 °C	71.6 °F 22.0 °C	66%	- / -	10.0 Millas / 16.1 Kilómetros	NO	5.8 mph / 9.3 km/h / 2.6 m/s	-	N/A	Nubes Dispersas	
METAR TJBQ 091550Z 32005KT 10SM SCT030 29/22											
12:50 PM	84.2 °F 29.0 °C	71.6 °F 22.0 °C	66%	- / -	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A	Nubes Dispersas	
METAR TJBQ 091650Z 0000KT 10SM SCT030 29/22											
3:01 PM	82.4 °F 28.0 °C	73.4 °F 23.0 °C	74%	- / -	5.0 Millas / 8.0 Kilómetros	NE	5.8 mph / 9.3 km/h / 2.6 m/s	-	N/A	Bruma	
METAR TJBQ 091901Z 04005KT 5SM HZ SCT030 28/23											
5:50 PM	82.4 °F 28.0 °C	71.6 °F 22.0 °C	70%	- / -	7.0 Millas / 11.3 Kilómetros	Norte	4.6 mph / 7.4 km/h / 2.1 m/s	-	N/A	Bruma	
METAR TJBQ 092150Z 35004KT 7SM SM HZ FEW040 28/22											
6:57 PM	78.8 °F 26.0 °C	71.6 °F 22.0 °C	78%	- / -	-	Sin Viento	Sin Viento	-	N/A	Bruma	
METAR TJBQ 092257Z 0000KT 7 HZSM FEW040 26/22											
7:50 PM	80.6 °F 27.0 °C	73.4 °F 23.0 °C	79%	- / -	7.0 Millas / 11.3 Kilómetros	Sin Viento	Sin Viento	-	N/A	Bruma	
METAR TJBQ 092350Z 0000KT 7SM HZ CLR 27/23											
8:50 PM	78.8 °F 26.0 °C	71.6 °F 22.0 °C	78%	- / -	7.0 Millas / 11.3 Kilómetros	NNO	4.6 mph / 7.4 km/h / 2.1 m/s	-	N/A	Bruma	
METAR TJBQ 100050Z 33004KT 7SM HZ SKC 26/22											
9:50 PM	78.8 °F 26.0 °C	69.8 °F 21.0 °C	74%		30.05 pul / 1017.5 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A	Bruma
METAR TJBQ 100150Z 0000KT 10SM HZ SKC 26/21 A3005											
11:51 PM	75.2 °F 24.0 °C	71.6 °F 22.0 °C	89%		30.05 pul / 1017.5 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A	Despejado
METAR TJBQ 100351Z 0000KT 10SM SKC 24/22 A3005											



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Historia de Ponce, PR

Viernes Mayo 9, 2008

Daily Summary

	Actual:	Average :	Record :
Temperature:			
Temperatura Media	81 °F / 27 °C	-	
Temperatura Máxima	87 °F / 30 °C	86 °F / 29 °C	91 °F / 32 °C (1997)
Temperatura Mínima	75 °F / 23 °C	73 °F / 22 °C	35 °F / 1 °C (2005)
Cooling Degree Days	16		
Growing Degree Days	31 (Base 50)		
Moisture:			
Punto de Rocío	72 °F / 22 °C		
Average Humidity	75		
Maximum Humidity	89		
Minimum Humidity	66		
Precipitación:			
Precipitación	0.00 pul / 0.00 cm	-	- ()
Presión al Nivel del Mar:			
Presión al Nivel del Mar	29.98 pul / 1015 HPA		
Viento:			
Velocidad del Viento	4 mph / 6 km/h (ESE)		
Velocidad Máxima del Viento	14 mph / 23 km/h		
Max Gust Speed	-		
Visibilidad	8 Millas / 13 Kilómetros		
Eventos			

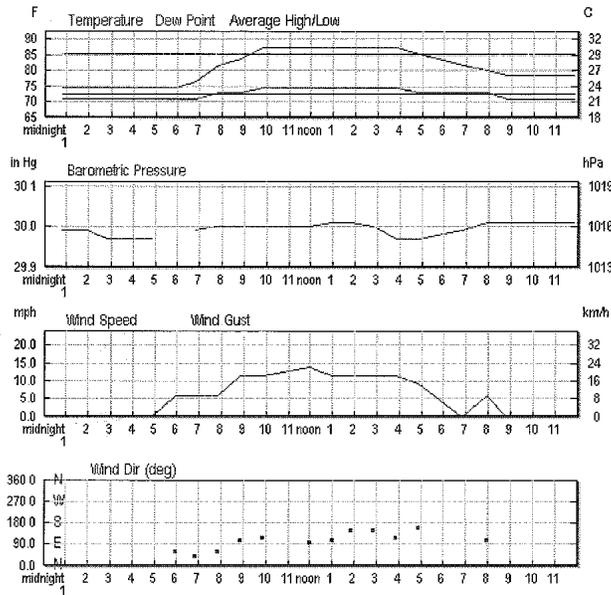
Averages and records for this station are not official NWS values.

[Click here for data from the nearest station with official NWS data \(TJSJ\).](#)

T = Trace of Precipitation, MM = Missing Value

Source: NWS Daily Summary

Seasonal Weather Averages



Hourly Observations

Hora (AST):	Temp: de	Punto de Rocío:	Humedad:	Presión al Nivel del Mar:	Visibilidad:	Wind Dir:	Velocidad del Viento:	Velocidad de Ráfagas:	Precip:	Eventos:	Condiciones Normales:
12:50 AM	75.2 °F / 24.0 °C	71.6 °F / 22.0 °C	89%	29.99 pul / 1015.5 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-	N/A		Nubes Dispersas
METAR TJPS 090450Z 00000KT 8SM FEW025 SCT060 24/22 A2999 HZ ALQDS											
1:55 AM	75.2 °F / 24.0 °C	71.6 °F / 22.0 °C	89%	29.99 pul / 1015.5 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-	N/A		Nubes Dispersas
METAR TJPS 090555Z 00000KT 8SM FEW025 SCT060 24/22 A2999 HAZE ALQDS											
2:50 AM	75.2 °F / 24.0 °C	71.6 °F / 22.0 °C	89%	29.97 pul / 1014.8 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-	N/A		Nubes Dispersas
METAR TJPS 090650Z 00000KT 8SM FEW025 SCT060 24/22 A2997 HAZE ALQDS											
4:50 AM	75.2 °F / 24.0 °C	71.6 °F / 22.0 °C	89%	29.97 pul / 1014.8 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-	N/A		Nubes Dispersas
METAR TJPS 090850Z 00000KT 8SM FEW025 SCT060 24/22 A2997 HZ ALQDS											
5:55 AM	75.2 °F / 24.0 °C	71.6 °F / 22.0 °C	89%	- / -	8.0 Millas / 12.9 Kilómetros	ENE	5.8 mph / 9.3 km/h	-	N/A		Nubes Dispersas
METAR TJPS 090955Z 06005KT 8SM FEW025 SCT060 24/22 A 2997											
6:50 AM	77.0 °F / 25.0 °C	71.6 °F / 22.0 °C	83%	29.99 pul / 1015.5 HPA	10.0 Millas / 16.1 Kilómetros	NE	5.8 mph / 9.3 km/h	-	N/A		Nubes Dispersas
METAR TJPS 091050Z 04005KT 10SM FEW025 SCT060 25/22 A2999 HZ ALQDS											
7:50 AM	82.4 °F /	73.4 °F /	74%	30.00 pul / 1015.8 HPA	8.0 Millas / 12.9 Kilómetros	ENE	5.8 mph / 9.3 km/h	-	N/A		Nubes Dispersas

	28.0 °C	23.0 °C							2.6 m/s		
METAR TJPS 091150Z 06005KT 8SM FEW025 SCT080 28/23 A3000 HZ ALQDS											
8:50 AM	84.2 °F 29.0 °C	73.4 °F 23.0 °C	70%	30.00 pul / 1015.8 HPA	8.0 Millas / 12.9 Kilómetros	ESE			11.5 mph / 18.5 km/h / 5.1 m/s	N/A	Mayormente Nublado
METAR TJPS 091250Z 11010KT 8SM SCT025 BKN080 29/23 A3000 HZ ALQDS											
9:50 AM	87.8 °F 31.0 °C	75.2 °F 24.0 °C	66%	30.00 pul / 1015.8 HPA	8.0 Millas / 12.9 Kilómetros	ESE			11.5 mph / 18.5 km/h / 5.1 m/s	N/A	Mayormente Nublado
METAR TJPS 091350Z 12010KT 8SM BKN060 31/24 A3000 HZ											
11:58 AM	87.8 °F 31.0 °C	75.2 °F 24.0 °C	66%	30.00 pul / 1015.8 HPA	8.0 Millas / 12.9 Kilómetros	Este			13.8 mph / 22.2 km/h / 6.2 m/s	N/A	Mayormente Nublado
METAR TJPS 091558Z 10012KT 8SM BKN060 31/24 A3000 HZ ALQDS											
12:58 PM	87.8 °F 31.0 °C	75.2 °F 24.0 °C	66%	30.01 pul / 1016.1 HPA	8.0 Millas / 12.9 Kilómetros	ESE			11.5 mph / 18.5 km/h / 5.1 m/s	N/A	Bruma
METAR TJPS 091658Z 11010KT 8SM HZ BKN060 31/24 A3001 HZ ALQDS											
1:50 PM	87.8 °F 31.0 °C	75.2 °F 24.0 °C	66%	30.01 pul / 1016.1 HPA	8.0 Millas / 12.9 Kilómetros	SSE			11.5 mph / 18.5 km/h / 5.1 m/s	N/A	Mayormente Nublado
METAR TJPS 091750Z 15010KT 8SM BKN060 31/24 A3001 HZ ALQDS											
2:50 PM	87.8 °F 31.0 °C	75.2 °F 24.0 °C	66%	30.00 pul / 1015.8 HPA	8.0 Millas / 12.9 Kilómetros	SSE			11.5 mph / 18.5 km/h / 5.1 m/s	N/A	Mayormente Nublado
METAR TJPS 091850Z 15010KT 8SM BKN060 31/24 A3000 RMK HZ ALQDS											
3:50 PM	87.8 °F 31.0 °C	75.2 °F 24.0 °C	66%	29.97 pul / 1014.8 HPA	8.0 Millas / 12.9 Kilómetros	ESE			11.5 mph / 18.5 km/h / 5.1 m/s	N/A	Mayormente Nublado
METAR TJPS 091950Z 12010KT 8SM BKN060 31/24 A2997 HZ ALQDS											
4:50 PM	86.0 °F 30.0 °C	73.4 °F 23.0 °C	66%	29.97 pul / 1014.8 HPA	8.0 Millas / 12.9 Kilómetros	SSE			9.2 mph / 14.8 km/h / 4.1 m/s	N/A	Nubes Dispersas
METAR TJPS 092050Z 16008KT 8SM FEW025 SCT060 30/23 A2997 HAZE ALQDS											
6:50 PM	82.4 °F 28.0 °C	73.4 °F 23.0 °C	74%	29.99 pul / 1015.5 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-		N/A	Nubes Dispersas
METAR TJPS 092250Z 00000KT 8SM FEW025 SCT060 28/23 A2999 HZ ALQDS											
7:57 PM	80.6 °F 27.0 °C	73.4 °F 23.0 °C	79%	30.01 pul / 1016.1 HPA	8.0 Millas / 12.9 Kilómetros	ESE			5.8 mph / 9.3 km/h / 2.6 m/s	N/A	Nubes Dispersas
METAR TJPS 092357Z 11005KT 8SM FEW025 SCT060 27/23 A3001 HZ ALQDS											
8:50 PM	78.8 °F 26.0 °C	71.6 °F 22.0 °C	78%	30.01 pul / 1016.1 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-		N/A	Nubes Dispersas
METAR TJPS 100050Z 00000KT 8SM FEW025 SCT060 26/22 A3001											
9:50 PM	78.8 °F 26.0 °C	71.6 °F 22.0 °C	78%	30.01 pul / 1016.1 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-		N/A	Nubes Dispersas
METAR TJPS 100150Z 00000KT 8SM FEW025 SCT060 26/22 A3001 HZ ALQDS											
11:50 PM	78.8 °F 26.0 °C	71.6 °F 22.0 °C	78%	30.01 pul / 1016.1 HPA	8.0 Millas / 12.9 Kilómetros	Sin Viento	Sin Viento	-		N/A	Nubes Dispersas
METAR TJPS 100350Z 00000KT 8SM FEW025 SCT060 26/22 A3001 HZ ALQDS											



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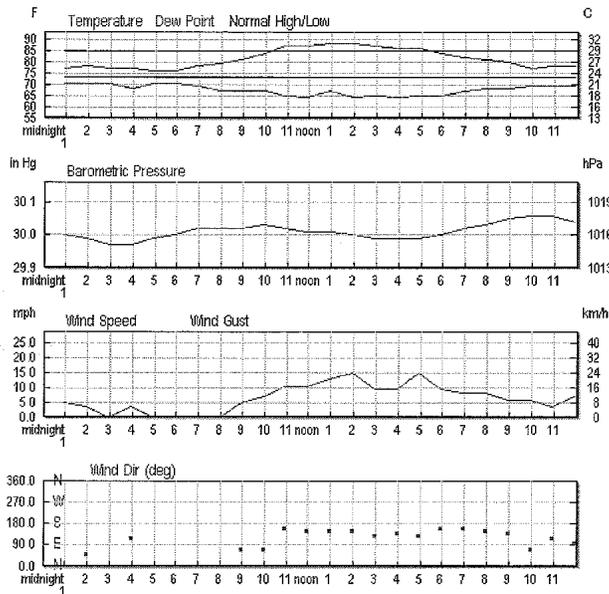


Historia de San Juan, PR

Viernes, Mayo 9, 2008

Daily Summary

	Actual:	Average :	Record :
Temperature:			
Temperatura Media	83 °F / 28 °C	80 °F / 26 °C	
Temperatura Máxima	89 °F / 31 °C	86 °F / 30 °C	94 °F / 34 °C (1983)
Temperatura Mínima	77 °F / 25 °C	74 °F / 23 °C	70 °F / 21 °C (1964)
Degree Days:			
Días - Grado de Calentamiento	0	0	
Month to date heating degree days	0	0	
Since 1 July heating degree days	0	0	
Cooling Degree Days	18	15	
Month to date cooling degree days	136	135	
Year to date cooling degree days	1659	1636	
Growing Degree Days	33 (Base 50)		
Moisture:			
Punto de Rocío	70 °F / 21 °C		
Average Humidity	63		
Maximum Humidity	82		
Minimum Humidity	44		
Precipitación:			
Precipitación	0.00 pul / 0.00 cm	0.18 pul / 0.46 cm	2.74 pul / 6.96 cm (1982)
Month to date precipitation	1.25	1.54	
Year to date precipitation	15.63	12.71	
Presión al Nivel del Mar:			
Presión al Nivel del Mar	29.99 pul / 1015 HPA		
Viento:			
Velocidad del Viento	6 mph / 10 km/h (ESE)		
Velocidad Máxima del Viento	17 mph / 27 km/h		
Max Gust Speed	22 mph / 35 km/h		
Visibilidad	7 Millas / 11 Kilómetros		
Eventos			
T = Trace of Precipitation, MM = Missing Value			
Source: NWS Daily Summary			



Hourly Observations

Hora (AST):	Temp.: /	Punto de Rocío: /	Humedad: %	Presión al Nivel del Mar: pul / HPA	Visibilidad: Millas / Kilómetros	Wind Dir:	Velocidad del Viento: /	Velocidad de Ráfagas:	Precip: Eventos:	Condiciones Normales:
12:56 AM	78.1 °F 25.6 °C	71.1 °F 21.7 °C	79%	30.00 pul / 1015.7 HPA	10.0 Millas / 16.1 Kilómetros	ENE	4.6 mph / 7.4 km/h / 2.1 m/s	-	N/A	Despejado
METAR TJSJ 090456Z 07004KT 10SM CLR 26/22 A3000 RMK AO2 SLP157 HZ ALQDS T02560217										
1:56 AM	79.0 °F 26.1 °C	71.1 °F 21.7 °C	77%	29.99 pul / 1015.4 HPA	10.0 Millas / 16.1 Kilómetros	NE	3.5 mph / 5.6 km/h / 1.5 m/s	-	N/A	Despejado
METAR TJSJ 090556Z 05003KT 10SM CLR 26/22 A2999 RMK AO2 SLP154 HZ ALQDS T02610217 10272 20256 56012										
2:56 AM	78.1 °F 25.6 °C	71.1 °F 21.7 °C	79%	29.97 pul / 1014.8 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A	Despejado
METAR TJSJ 090656Z 00000KT 10SM CLR 26/22 A2997 RMK AO2 SLP148 T02560217										
3:56 AM	78.1 °F 25.6 °C	69.1 °F 20.6 °C	74%	29.97 pul / 1014.9 HPA	10.0 Millas / 16.1 Kilómetros	ESE	3.5 mph / 5.6 km/h / 1.5 m/s	-	N/A	Despejado
METAR TJSJ 090756Z 12003KT 10SM CLR 26/21 A2997 RMK AO2 SLP149 HZ ALQDS T02560206										
4:56 AM	77.0 °F 25.0 °C	71.1 °F 21.7 °C	82%	29.99 pul / 1015.3 HPA	10.0 Millas / 16.1 Kilómetros	Sin Viento	Sin Viento	-	N/A	Despejado
METAR TJSJ 090856Z 00000KT 10SM CLR 25/22 A2999 RMK AO2 SLP153 T02500217 55001										
5:56 AM	77.0 °F 25.0 °C	71.1 °F 21.7 °C	82%	30.00 pul / 1015.7 HPA	7.0 Millas / 11.3 Kilómetros	Sin Viento	Sin Viento	-	N/A	Nubes Dispersas
METAR TJSJ 090956Z COR 00000KT 7SM SCT100 25/22 A3000 RMK AO2 SLP157 HZ ALQDS T02500217										
6:56 AM	79.0 °F /	70.0 °F /	74%	30.02 pul / 1016.4 HPA	7.0 Millas / 11.3 Kilómetros	Sin Viento	Sin Viento	-	N/A	Nubes Dispersas

25.6 °C 21.1 °C										
METAR TJSJ 081056Z COR 0000KT 2 1/2SM HZ FEW050 26/21 A2999 RMK AO2 HZ ALQDS SLP153 T02560211										
7:56 AM	80.1 °F 26.7 °C	73.0 °F 22.8 °C	79%	29.99 pul / 1015.4 HPA	2.5 Millas / 4.0 Kilómetros	Este	9.2 mph / 14.8 km/h / 4.1 m/s	-	N/A	Bruma
METAR TJSJ 081156Z 10008KT 2 1/2SM HZ FEW050 27/23 A2999 RMK AO2 SLP154 HZ ALQDS T02670228 10267 20239 51010										
8:03 AM	80.6 °F 27.0 °C	73.4 °F 23.0 °C	79%	29.99 pul / 1015.5 HPA	2.5 Millas / 4.0 Kilómetros	Este	8.1 mph / 13.0 km/h / 3.6 m/s	-	N/A	Bruma
SPECI TJSJ 081203Z 10007KT 2 1/2SM HZ FEW050 27/23 A2999 RMK AO2										
8:12 AM	80.6 °F 27.0 °C	73.4 °F 23.0 °C	79%	29.99 pul / 1015.5 HPA	3.0 Millas / 4.8 Kilómetros	ESE	6.9 mph / 11.1 km/h / 3.1 m/s	-	N/A	Bruma
SPECI TJSJ 081212Z 11006KT 3SM HZ FEW050 27/23 A2999 RMK AO2 HZ ALQDS										
8:56 AM	82.9 °F 28.3 °C	73.0 °F 22.8 °C	72%	29.99 pul / 1015.5 HPA	3.0 Millas / 4.8 Kilómetros	Este	11.5 mph / 18.5 km/h / 5.1 m/s	-	N/A	Bruma
METAR TJSJ 081256Z 09010KT 3SM HZ FEW040 28/23 A2999 RMK AO2 SLP155 HZ ALQDS T02830228										
9:56 AM	84.9 °F 29.4 °C	72.0 °F 22.2 °C	65%	30.00 pul / 1015.9 HPA	4.0 Millas / 6.4 Kilómetros	ENE	15.0 mph / 24.1 km/h / 6.7 m/s	-	N/A	Bruma
METAR TJSJ 081356Z 07013KT 4SM HZ FEW035 29/22 A3000 RMK AO2 SLP159 HZ ALQDS T02940222										
10:56 AM	88.0 °F 31.1 °C	71.1 °F 21.7 °C	57%	30.00 pul / 1015.8 HPA	4.0 Millas / 6.4 Kilómetros	Este	15.0 mph / 24.1 km/h / 6.7 m/s	-	N/A	Bruma
METAR TJSJ 081456Z 08013KT 4SM HZ FEW035 31/22 A3000 RMK AO2 SLP158 HZ ALQDS T03110217 50003										
11:56 AM	87.1 °F 30.6 °C	72.0 °F 22.2 °C	61%	30.00 pul / 1015.9 HPA	4.0 Millas / 6.4 Kilómetros	Este	16.1 mph / 25.9 km/h / 7.2 m/s	-	N/A	Bruma
METAR TJSJ 081556Z 09014KT 4SM HZ SCT035 31/22 A3000 RMK AO2 SLP159 HZ ALQDS T03060222										
12:56 PM	88.0 °F 31.1 °C	71.1 °F 21.7 °C	57%	29.99 pul / 1015.3 HPA	5.0 Millas / 8.0 Kilómetros	Este	11.5 mph / 18.5 km/h / 5.1 m/s	20.7 mph / 33.3 km/h / 9.3 m/s	N/A	Bruma
METAR TJSJ 081656Z 10010G18KT 5SM HZ FEW035 31/22 A2999 RMK AO2 SLP153 HZ ALQDS T03110217										
1:56 PM	89.1 °F 31.7 °C	72.0 °F 22.2 °C	57%	29.98 pul / 1015.0 HPA	5.0 Millas / 8.0 Kilómetros	Este	16.1 mph / 25.9 km/h / 7.2 m/s	-	N/A	Bruma
METAR TJSJ 081756Z 09014KT 5SM HZ FEW035 32/22 A2998 RMK AO2 SLP150 HZ ALQDS T03170222 10317 20267 58008										
2:56 PM	88.0 °F 31.1 °C	72.0 °F 22.2 °C	59%	29.97 pul / 1014.7 HPA	5.0 Millas / 8.0 Kilómetros	Este	16.1 mph / 25.9 km/h / 7.2 m/s	-	N/A	Bruma
METAR TJSJ 081856Z 09014KT 5SM HZ FEW037 SCT110 31/22 A2997 RMK AO2 SLP147 HZ ALQDS T03110222										
3:56 PM	89.1 °F 31.7 °C	71.1 °F 21.7 °C	55%	29.96 pul / 1014.6 HPA	5.0 Millas / 8.0 Kilómetros	Este	16.1 mph / 25.9 km/h / 7.2 m/s	-	N/A	Bruma
METAR TJSJ 081956Z 09014KT 5SM HZ FEW035 SCT110 32/22 A2997 RMK AO2 SLP146 HZ ALQDS T03170217										
4:56 PM	86.0 °F 30.0 °C	71.1 °F 21.7 °C	61%	29.96 pul / 1014.4 HPA	5.0 Millas / 8.0 Kilómetros	ESE	9.2 mph / 14.8 km/h / 4.1 m/s	-	N/A	Bruma
METAR TJSJ 082056Z 11008KT 5SM HZ SCT045 SCT110 30/22 A2996 RMK AO2 SLP144 HZ ALQDS T03000217 56006										
5:56 PM	84.0 °F 28.9 °C	71.1 °F 21.7 °C	65%	29.97 pul / 1014.7 HPA	5.0 Millas / 8.0 Kilómetros	Este	12.7 mph / 20.4 km/h / 5.7 m/s	-	N/A	Bruma
METAR TJSJ 082156Z 08011KT 5SM HZ FEW045 SCT110 29/22 A2997 RMK AO2 SLP147 HZ ALQDS T02890217										
6:56 PM	82.0 °F 27.8 °C	71.1 °F 21.7 °C	69%	29.99 pul / 1015.4 HPA	5.0 Millas / 8.0 Kilómetros	Este	11.5 mph / 18.5 km/h / 5.1 m/s	-	N/A	Bruma
METAR TJSJ 082256Z 09010KT 5SM HZ FEW045 BKN110 28/22 A2999 RMK AO2 SLP154 HZ ALQDS T02780217										
7:56 PM	81.0 °F /	72.0 °F /	74%	30.00 pul / 1015.9 HPA	10.0 Millas / 16.1 Kilómetros	Este	8.1 mph / 13.0 km/h /	-	N/A	Bruma