

METEOROLOGICAL OBSERVATIONS

MADE AT

SANCHEZ (SAMANÁ BAY), ST. DOMINGO,
1886-1888.

BY

THE LATE W. REID, M.D.

Published by the Authority of the Meteorological Council.



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ERRATA.

- Page 4. Mean Dry Bulb, 2 p.m., for "1·0" read "81·0."
,, 5. Lower Clouds, 2 p.m., Vel., 4th, insert "4."
,, 17. Mean Wind Force, 6 a.m. and 10 p.m., for "0·1," "—" read "0·6," "0·2."
,, 21. Mean Wind Force, 10 p.m., for "—" read "0·3."
,, 31. Mean Wind Force, 10 p.m., for "—" read "0·6."
,, 37. Mean Wind Force, 10 p.m., for "3·5" read "0·4."
,, 45. Remarks, 30th. for "∞⁰" read "∞⁰."

ADDENDA.

In order to complete the Summaries on pp. 63, 64, probable wind observations have been inserted as follows:—

Page 9.	1st, 10 a.m., 2 p.m., and 6 p.m.	-	-	-	"E."
,, 11.	31st, 6 a.m.	-	-	-	"W."
,, 17.	25th, 10 p.m.	-	-	-	"Calm."
,, 21.	29th, 10 p.m.	-	-	-	"Calm."
,, 31.	20th, 10 p.m.	-	-	-	"N 2."

INTRODUCTION.

THE following pages contain a series of Meteorological Observations made by the late W. Reid, M.D., Aberdeen, Medical Officer to the Samaná and Santiago Railway Company, Limited, at Sanchez, Samaná Bay, San Domingo, in the years 1886, 1887, and 1888, and by him presented to the Meteorological Office for publication.

For the first two years—1886, 1887—the record comprises 2-hourly observations (from 6 a.m. to 10 p.m.) of the—

- Barometer,
- Dry-bulb thermometer,
- Wet-bulb thermometer,
- Earth temperature,
- Upper cloud,—form, amount, direction whence moving, and velocity,
- Lower cloud, do. do. do.
- Wind, direction and force, together with the 2-hourly computed values of the—
- Dew point,
- Relative humidity, and
- Vapour tension, and the daily—
- Maximum temperature in the shade,
- Maximum temperature in the sun,
- Minimum temperature in the shade,
- Minimum temperature on the grass,
- Rainfall,
- Amount of sunshine,
- Number of miles of wind as recorded by an anemometer, and
- Remarks on the weather.

For the year 1888 the observations were the same in character, but were taken only four times daily, namely at 7 a.m., 9 a.m., 2 p.m., and 9 p.m.

By accident the anemometer and the earth and terrestrial radiation thermometers were not obtained at first, and some months elapsed before the omission could be supplied.

With regard to the outfit of the station, Dr. Reid says:—

"All instruments in use are standard, and are of the make of Messrs. Negretti and Zambra, London. The barometer (Fortin's principle, inch and centimetre, &c.) and thermometers carry with them certificates of correction from the Kew Observatory. The wet and dry-bulb hygrometer, maximum and minimum thermometers, are hung in a Stevenson's screen on an open lawn, four feet above the ground. The solar and terrestrial-radiation thermometers are also on the lawn. The former (vacuum solar radiation) is placed four feet above the ground. The earth thermometer (Symons' principle) is at a depth of two feet. The first four months (of 1886) it was at a depth of one foot. The pluviometer is a Symons' five-inch diameter. The anemometer a Robinson's double-dialed, and the sun recorder a 'Jordan's patent sun recorder.'"

In October 1888 Dr. Reid was taken ill, and he unfortunately died on December 4th in that year, at the age of 30. The observations were, however, continued at his request during his illness, and up to the end of 1888, by Francis Gilmour, Esq., one of the officials of the railway company, so that the series of three years is complete.

The Meteorological Council, recognizing the value of the observations both from their completeness, their frequency—nine times a day,—and the evident care displayed by the observers, has determined to publish them in considerable detail, though the series is but short. And in doing so they desire to express their high appreciation of the devotion to science displayed by Dr. Reid (who took all the readings himself, as long as he was able, and apparently bore the necessary charges out of his own pocket), and their deep regret at his early death.

Samaná Bay is a large inlet in the eastern end of the island of St. Domingo. It runs almost exactly from east to west, and is from 10 to 12 miles wide at its mouth, and of approximately the same width throughout. The observatory was situate on a low cliff on the northern shore, near the head of the bay, about 25 miles from the open sea. About a mile to the northward of the station runs a chain of mountains some 1,700 feet high, skirting the bay, and on the southern side of the bay is another range, the height of which, however, is not stated.

The land along the shores is in part swampy, and thickly wooded, but some of it is laid out in sugar plantations, &c. On the southern side of the bay and nearer its mouth the mountains retreat considerably further from the sea, and there is a large tract of swampy land.

The observations, as already stated, were taken every two hours, from 6 a.m. to 10 p.m. during 1886 and 1887; and at 7 a.m., 9 a.m., 2 p.m., and 9 p.m. during 1888. Local time was observed throughout.

Pressure.—The barometer readings have been corrected for instrumental error, and reduced to 32° Fahrenheit and the mean sea level. The height of the barometer cistern above the sea was 50 feet. Apparently no correction for gravity has been applied.

Temperature.—The readings of all the thermometers are given as read, a note being inserted by Mr. Gilmour, at Dr. Reid's request, to the effect "that all the thermometers have so little correction that none has been attempted." The shade instruments were exposed in a Stevenson's screen, placed on a lawn at 4 feet above the ground. The earth thermometer was for the first four months (that is from June till September 1886) at a depth of 1 foot, after that time at 2 feet below the surface. From an inspection of the figures it would appear that the change to 2 feet was made on September 11th.

The solar radiation thermometer, black bulb *in vacuo*, was placed at 4 feet above the ground.

In printing the observations the readings of the wet-bulb have been distinguished by *italic* type, while the extremes of temperature are shown in **Egyptian**.

Wind.—The wind directions are true. The anemometer was placed on a pyramidal structure some 32 feet high on a cliff by the side of the bay, and was well exposed except between N.E. and N.N.W., there being to the north of it, at some little distance,

some trees and houses, and one mile still further inland the chain of mountains previously mentioned. Dr. Reid says, however, "that, as the usual course of the wind " in about 19 days out of 20 is a light breeze in the West at 6 a.m., which continues till " about 8 a.m., then a short calm, then a light breeze from about South, which veers " round to East or E.S.E. by 10 a.m., and there continues till about 4 p.m., when it " remains calm till next morning,—the anemometer, though not correct, does not lose " very much." The force appears to have been estimated by Beaufort scale, where 0 represents a calm and 12 a hurricane.

Rainfall.—The rain-gauge employed was one of Symons' pattern, 5 inches in diameter. The height of the rim of the gauge above the ground is not stated, but it may safely be assumed at about 1 foot.

It is not quite certain what method has been followed in the entry of the daily rainfall. In some cases it would seem that the measured amounts have been entered to the preceding day, while at other times it appears that they have been entered to the day on which they were read. No mention is made of the hour at which the gauge was visited. In printing the observations the amounts have all been assumed to belong to the days on which they were entered. The maximum daily amount is printed in **Egyptian** type.

Sunshine.—The duration of bright sunshine was measured by one of Jordan's photographic recorders.

Vapour Tension.—Dr. Reid had worked out the values for each hour of observation of the dew point, vapour tension, and relative humidity, using Glaisher's Tables for the purpose. Since, however, the individual readings of the wet-bulb are printed, it has not been thought necessary to reproduce the hygrometrical values in detail. And therefore only the value of the vapour tension for noon of each day is given.

Cloud.—The observations of cloud embraced for each observing hour the form, amount, direction whence moving, and the velocity of both the upper and lower strata. Three hours daily have been chosen for publication, namely, 6 a.m., 2 p.m., and 10 p.m. (for 1888, 9 a.m. and 9 p.m.). A blank signifies no observation. Whenever the fact of there being no cloud is recorded a zero has been inserted. In the form columns the capital letters C.N., C.S.N., &c. are abbreviations for separate forms, "Cum.," "Nim.," and "Cum., Str., Nim.," &c.

No information is given as to the scale adopted for the velocity of the upper cloud, and it is impossible now to say if the probable height of the various clouds was taken into account in estimating the rate of their movement.

Weather.—In the remarks the symbols adopted for international use by the Vienna Congress have been employed. They are as follow:—

Rain	- - - - ●	Hoar-frost	- - - - ⊥	Solar Corona	- - - - ⊕
Snow	- - - - ✱	Dew	- - - - ∩	Solar Halo	- - - - ○
Thunderstorm	- - - - ⚡	Silver-thaw ("Rauh-frost," "Duft")	- - - - V	Lunar Corona	- - - - ⊕
Lightning without Thunder, or Sheet Lightning	- - - - } <	Glazed Frost ("Glatteis")	- - - - ~	Lunar Halo	- - - - ⊖
Hail	- - - - ▲	Snow-drift	- - - - †	Rainbow	- - - - (
Soft-Hail ("Graupel")	- - - - △	Ice Crystals	- - - - ↖	Aurora	- - - - ✨
Mist, Fog	- - - - ☼	Strong Wind	- - - - ↗	Dust Haze ("Höhenrauch")	- - - - ∞

In respect of their intensity, the individual phenomena are distinguished by the figures 0 and 2, which are used as exponents of the symbols in such a way that 0 indicates very slight, 2 strong ;

e.g. ●⁰ slight Rain.

●² heavy Rain.

In giving the period of occurrence of the various phenomena "m" is never printed, hence—

a. indicates a.m.

p. „ p.m.

9a.—9p. „ 9 a.m. to 9 p.m., and further

n. is used to indicate night.

The whole of the observations have been carefully revised and examined, and probable values (distinguished by *italic* type) have been inserted whenever possible in those cases where the observations were missing.

In certain other cases the values as entered by Dr. Reid appeared on careful consideration to be erroneous, and whenever this was so, the figures have been rejected and probable values (also in *italic* type) have been inserted. Care must, however, be taken to distinguish between the italic type which indicates approximate values, and that used for the wet-bulb readings.

In obtaining the monthly sums and averages (which has been done in the Meteorological Office), care has been taken to omit the means in those cases where some of the daily values are missing.

On pages 62-64 will be found the Monthly Means and Summaries for the three years, together with yearly averages wherever possible.

ROBERT H. SCOTT,
Secretary to the Meteorological Council.

SANCHEZ (SAN DOMINGO).

TABLES.

METEOROLOGICAL OBSERVATIONS FOR 1886	-	-	-	pp. 2-25
Do. DO. 1887	-	-	-	pp. 26-49
Do. DO. 1888	-	-	-	pp. 50-61

DRY-BULB AND WET-BULB THERMOMETERS.																		
Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	72°0	74°8	74°5	72°3	82°4	77°5	82°0	77°0	84°0	75°4	81°8	75°8	77°5	73°5	73°0	71°2	71°4	70°5
2	68°5	67°5	74°5	72°7	82°5	75°0	82°5	74°5	86°0	77°0	84°7	76°0	77°5	72°7	76°0	74°7	73°0	69°0
3	70°7	69°7	73°0	70°0	79°0	73°0	79°5	74°5	80°0	74°0	79°7	74°7	76°2	72°0	76°0	74°2	74°0	72°0
4	70°0	68°5	76°5	74°0	80°5	75°5	81°5	74°0	82°0	74°2	80°0	74°5	76°0	72°5	76°0	72°0	76°5	73°4
5	69°8	68°8	75°4	70°0	87°0	79°0	83°5	76°8	83°8	76°0	80°8	73°5	77°0	72°0	74°5	73°5	75°0	72°0
6	70°0	69°5	73°0	72°0	73°0	72°5	73°0	72°2	70°5	70°0	74°0	74°0	72°0	70°0	72°0	69°0	72°0	69°0
7	71°0	70°0	72°5	70°8	80°8	76°0	81°8	75°2	79°0	73°0	74°0	70°8	72°0	69°5	71°7	70°5	70°0	69°0
8	65°0	64°5	68°4	66°0	75°0	70°5	81°6	75°0	77°5	72°0	74°0	70°0	72°0	69°0	68°5	67°0	68°5	67°5
9	67°0	66°5	71°0	68°8	76°0	74°2	81°0	74°6	82°0	74°0	81°0	74°0	76°0	72°0	74°0	74°0	71°0	68°8
10	70°2	68°8	77°5	72°8	80°2	74°0	83°0	73°5	81°8	74°0	82°0	75°0	76°0	72°0	75°0	72°0	74°0	71°0
11	69°2	68°6	75°0	73°0	82°0	77°0	83°5	75°0	84°0	75°8	81°5	74°0	77°0	72°0	75°0	72°0	74°0	71°5
12	69°0	68°2	73°0	71°8	81°5	74°0	81°0	72°5	85°0	75°5	81°0	76°0	77°0	72°0	74°5	74°0	74°0	71°0
13	73°0	71°0	74°0	71°5	79°0	74°5	81°3	74°8	77°0	74°0	73°0	72°0	74°0	72°0	74°0	72°0	72°0	70°0
14	72°0	70°0	75°0	72°0	79°0	73°0	80°5	73°0	81°0	74°5	81°0	75°0	76°0	72°0	73°0	68°0	73°5	68°0
15	70°0	68°5	72°0	71°0	77°0	72°5	80°2	73°0	80°0	72°0	79°5	74°5	74°5	72°0	73°0	68°0	73°5	68°0
16	71°0	68°0	72°0	69°0	71°0	68°0	72°0	71°0	75°5	74°0	78°5	70°6	74°0	68°0	72°0	67°0	71°0	67°0
17	69°5	68°5	70°0	69°0	70°0	69°0	76°8	72°0	79°5	72°0	79°5	72°0	74°0	68°0	72°5	68°0	71°0	68°0
18	67°5	66°5	71°0	69°5	79°0	75°0	79°8	70°0	80°8	73°8	79°6	75°0	75°0	70°0	74°0	69°0	73°0	69°5
19	71°5	69°5	72°8	70°0	80°0	74°0	79°0	73°5	80°0	74°0	80°0	72°0	75°0	69°0	73°0	69°0	73°0	69°5
20	71°5	70°0	75°0	72°5	79°0	74°0	79°8	72°5	81°0	70°0	79°5	72°0	76°0	69°5	74°0	68°8	72°0	69°0
21	71°0	69°5	73°0	70°0	81°0	75°0	80°5	73°0	81°0	74°0	80°0	73°0	76°0	69°0	74°0	70°0	72°0	70°0
22	70°0	68°0	76°0	72°0	75°5	73°0	81°0	73°0	81°0	73°0	79°0	72°0	75°0	72°0				
23	67°5	66°0	74°0	71°0	75°0	74°0	77°5	73°0	79°0	73°0	79°0	72°0	75°0	72°0	74°0	69°0	72°8	68°4
24	73°0	71°0	74°8	72°0	80°0	74°0	80°0	72°5	79°0	73°0	76°5	73°0	75°0	70°5	75°0	71°0	74°0	74°0
25	71°0	70°0	75°0	72°0	78°0	72°5	77°0	74°0	79°8	73°0	78°0	75°0	76°0	71°0	73°0	70°0	73°0	74°0
26	73°0	71°0	77°0	73°5	79°0	74°8	82°0	74°0	83°5	74°8	82°0	74°0	77°0	72°0	78°0	74°0	72°0	70°0
27	73°0	70°5	80°0	75°0	80°5	74°5	84°8	74°0	84°0	74°0	83°0	74°0	79°0	74°0	77°8	73°5	76°0	72°0
28	72°0	70°0	79°2	74°8	82°0	75°0	84°5	73°7	86°0	75°0	84°0	74°0	79°0	73°0	77°0	73°0	76°0	73°5
ican	70°3	68°9	74°2	71°6	78°9	73°6	80°4	73°7	1°0	73°5	79°5	75°0	75°6	74°4	74°1	70°4	73°0	70°0

Day.	WIND.					Vel.	Rain-fall.	REMARKS.
	Direction and Force.							
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
1	Calm 0	SE 1	SE 1	Calm 0	Calm 0	miles.	ins.	☼ (mist) from W. a. Muggy at noon. ∞ 2p. Fine.
2	Calm 0	Calm 0	ESE 2	NEbyN 2	Calm 0	—	—	☼ ² 6a.—8a. Very fine day, with some ∞.
3	Calm 0	SbyE 2	EbyS 4	Calm 0	S 2	—	—	☼ n. ☼ ⁰ (mist) over swamp 6a. Fine day, with ∞.
4	Calm 0	EbyN 2	ESE 4	ENE 2	ESE 1	—	—	☼ on swamp and hills 6a.—8a., then fine. Fine and fresh p.
5	Calm 0	ESE 1	ESE 3	NbyE 1	Calm 0	—	—	Red sunrise. ☼ on swamp 6a. Threatening in E. a. ☼ 8p.
6	Calm 0	N 2	NE 4	EbyN 4	W 2	—	—	☼ ⁰ (mist) on hills and swamp 6a. ☼ all day. Wind very gusty p.
7	SW 1	ESE 2	ESE 4	Calm 0	Calm 0	—	—	☼ ⁰ (mist) on hills ☼ ⁰ a. Very squally 2p., with ☼ ⁰ in S.
8	W 1	W 1	SbyE 1	Calm 0	Calm 0	—	—	Very dull, with ☼ ⁰ (mist) on hills all day. Very close 6p. ☼ 10p.
9	Calm 0	E 3	SSE 3	EbyS 1	Calm 0	—	—	☼ ⁰ (mist) on hills 6a. Clouds low. ∞ noon. Overcast till 4p. Pretty sunset.
10	Calm 0	ENE 3	ESE 1	ENE 1	Calm 0	—	—	☼ n. Very dark in E. 6a. ☼ ⁰ (mist) on hills 8a. Fine from 10a. ☼ showers in S.
11	Calm 0	Calm 0	ESE 1	ENE 2	Calm 0	—	—	☼ n. Red sunrise. ☼ over swamp 6a. Fine all day, with ∞. Red sunset.
12	Calm 0	NEbyE 1	ENE 1	Calm 0	Calm 0	—	—	☼ ² over swamp, ☼ ⁰ (mist) on hills 6a.—8a. Day fine, with ∞. Red sunset.
13	Calm 0	EbyS 3	SE 5	Calm 0	Calm 0	—	—	☼ ⁰ (mist) on hills, ☼ ⁰ 6a. Fine 8a.—noon. Dark, with ☼ ⁰ p.
14	E 3	EbyN 4	EbyS 5	E 3	Calm 0	—	—	☼ from E. 6a. Very gusty 10a. Fine and fresh at noon, sea high.
15	NEbyN 1	E 2	E 6	E 1	Calm 0	—	—	☼ ⁰ (mist) on hills, ☼ ⁰ from NE. 6a. Fine p. ∞ from 6p. ☼ ²
16	W 1	E 1	E 5	Calm 0	Calm 0	—	—	Very dull, ☼ ⁰ (mist) on hills 6a. ☼ ² showers in S. a. Fine from 2p. ∞
17	Calm 0	E 1	E 3	E 1	Calm 0	—	—	☼ ⁰ (mist) 6a. ☼ ⁰ from E. a. ☼ showers noon. Fine p. ∞ 10p.
18	W 1	W 1	E 2	E 1	Calm 0	—	—	☼ ⁰ (mist) 6'. ☼ ⁰ showers a. Partial ☼ 8a. Fine p., with ☼ in S. ☼ 5-50p.
19	W 1	SbyE 3	E 4	ENE 1	ENE 1	—	—	☼ ⁰ from E. a. ☼ ⁰ (mist) on hills 10a. Fine p., with ☼ in S.
20	Calm 0	E 1	ENE 3	NEbyE 1	Calm 0	—	—	☼ n. ☼ ⁰ (mist) on hills and swamp. Double ☼ 7a. ∞ 10a. Fine p.
21	W 1	ESE 1	E 4	ENE 1	Calm 0	—	—	☼ (mist) on N. hills and swamp till 8a. Day fine, with ☼ showers in S.
22	NW 1	EbyN 3	E 5	ESE 1	Calm 0	—	—	☼ n. Day fine, with local ☼ showers in S. ∞ 2p.
23	W 1	ESE 1	EbyS 2	NbyE 1	Calm 0	—	—	☼ ² over swamp 6a. Day overcast, with ☼ showers in S. and SE. Red sunset.
24	W 1	EbyN 1	ENE 2	EbyN 3	Calm 0	—	—	☼ (mist) on hills and swamp, with ☼ a. ☼ ⁰ p. Partial ☼ 4p.
25	NW 1	NW 1	E 5	ENE 1	Calm 0	—	—	☼ ⁰ (mist) on hills, ☼ showers a. and p. Squally 4p. ☼ 8p. Dark.
26	W 1	EbyN 2	ESE 2	ENE 1	Calm 0	—	—	☼ n. Day fine throughout, with ∞.
27	W 1	E 1	SE 2	ENE 1	Calm 0	—	—	☼ n. ☼ ⁰ (mist) on hills and swamp 6a. Day fine. Sultry noon. ∞ 2p.
28	Calm 0	EbyS 1	ESE 1	Calm 0	Calm 0	—	—	☼ n. ☼ ⁰ (mist) on hills, clouds low, 6a. Very fine p. Red sunset.
Mean	0.6	1.6	3.0	1.1	0.2	—	4.73	

Day.	WIND.					Vel.	Rain-fall.	REMARKS.
	Direction and Force.							
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
						miles.	ins.	
1	Calm 0	ESE 1	ESE 2	ENE 4	Calm 0	—	—	D n. Red sunrise. Fine day, with ∞. Dark 8p. ● showers 10p.
2	NW 1	W 1	N 4	N 1	Calm 0	—	—	☼ ⁰ (mist) on hills, ● in E., 6a. Gusty 2p. ● in S. 4p.
3	Calm 0	NE 1	NEbyS 2	ENE 1	Calm 0	—	—	D n. ☼ ⁰ (mist) over swamp 6a. Day fine, with ∞. Red sunset.
4	W 1	E 1	SbyE 3	SbyE 3	Calm 0	—	—	D n. Fine throughout, with ∞.
5	Calm 0	EbyN 2	EbyS 3	ENE 1	S 1	—	—	☼ ⁰ (mist) over swamp 6a. Fine all day, with ∞.
6	Calm 0	SW 1	E 1	NE 3	Calm 0	—	—	D n. ☼ ⁰ (mist) over swamp, ∞ ² 6a. Fine all day, with ∞.
7	W 1	swb.w 1	SE 1	N 1	Calm 0	—	—	Fine all day, with ∞.
8	W 1	SbyE 2	EbyS 3	EbyN 1	Calm 0	—	—	☼ over swamp, threatening in E. 6a. Day fine and clear.
9	Calm 0	E 1	ENE 3	EbyS 2	Calm 0	—	—	D n. ☼ over swamp 6a. Day very fine and clear.
10	SE 2	Calm 0	EbyN 1	S 3	Calm 0	—	—	☼ ⁰ (mist) on hills and swamp, clouds low 6a. Day fine.
11	W 1	E 1	NbyW 3	NbyW 3	N 2	—	—	Very close and dull 6a. ☼ over swamp a. Overcast p. Very squally 10p.
12	NW 1	ENE 2	NNW 2	EbyN 1	Calm 0	—	—	☼ ⁰ (mist) over swamp 6a. Day fine, with ∞.
13	WbyN 1	S 1	E 4	ENE 2	Calm 0	—	—	Fine all day, with ∞.
14	W 1	SSW 1	EbyS 2	SbyN 2	ENE 1	—	—	☼ over swamp, ∞ ² 6a. Fine all day, with ∞. Red sunset.
15	Calm 0	E 3	E 5	E 2	ESE 1	—	—	☼ ⁰ (mist) on hills and swamp, ● a. Double ☾ 8a. ∞ ● showers p.
16	E 1	E 3	E 4	E 1	Calm 0	—	—	D n. ☼ ⁰ (mist) over swamp 6a. Day very fine, with ∞.
17	WbyS 1	Calm 0	EbyS 2	NNE 1	E 1	—	—	☼ over swamp 6a. Fine all day, with ∞. Red sunset.
18	W 1	NW 1	WNW 1	N 5	NE 2	—	—	☼ ⁰ (mist) on hills 6a. Fine till 2p. ● showers in SE. Very gusty 4p.
19	Calm 0	NE 2	SbyS 1	ENE 2	Calm 0	—	—	☼ ⁰ (mist) ● ⁰ from E. 6a. and nearly all day.
20	W 1	EbyN 3	E 4	ENE 3	ENE 1	—	—	☼ over swamp 6a. Red sunrise. Day fine and clear.
21	Calm 0	E 3	E 4	ENE 2	E 1	—	—	D n. Fine till noon, with ∞. Fine p. Partial ☾ 4p.
22	EbyN 1	E 3	E 3	EbyN 1	E 1	—	—	D n. ☼ ⁰ (mist) on hills 6a. Fine day, with ∞. [of Sanchez. < till 6.20p.]
23	E 1	EbyN 1	E 1	W 1	Calm 0	—	—	D n. Very sultry. ● in E., ugly in W. 4p. At 5.30p. K ² ● ² passing W. to E., S.
24	NNW 2	NNE 2	NNW 1	NbyE 1	Calm 0	—	—	☼ ⁰ (mist). ● ⁰ from N. till 2p. Fine 6p. Very dark 8p.
25	SbyE 2	SbyE 3	ENE 4	NNE 3	Calm 0	—	—	☼ ² (mist) 6a. Day overcast, with ∞ ⁰ . Gusty 6p. Very dark 8p.
26	N 2	N 3	NE 4	NE 3	NE 3	—	—	☼ ² over swamp 6a. ☼ ⁰ (mist) ● ⁰ till 10a. ∞ ² noon. Very gusty 2p.
27	NB 2	ENE 1	EbyN 3	E 1	Calm 0	—	—	☼ ⁰ (mist) on hills and swamp, ● ⁰ 6a. Fine 10a. ● showers 4p.
28	WNW 1	SE 1	E 4	ENE 3	Calm 0	—	—	☼ ⁰ (mist), 6a. Day fine, from 10a. Very still at 10p.
29	E 1	E 3	ESE 3	E 1	E 1	—	—	☼ ⁰ (mist) ● ⁰ 6a. ☾ a. Day fine, but with ● ² in S. ∞ noon.
30	E 1	E 3	E 4	E 1	Calm 0	—	—	D n. ☾ 6.40a. Day fine, with ∞. ● shower in SE. 2p.
31	E 1	E 3	EbyS 4	EbyN 1	Calm 0	—	—	D n. Day fine, with ∞. ● showers in S. Very still at 8p.
Mean	0.9	1.7	2.8	2.0	0.5	—	1.65	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
APRIL 1886.

Day.	BAROMETER.										TEMPERATURE.					SUN-SHINE.	Vapour Tension.
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.			
1	ins. 30.091	ins. 30.105	ins. 30.102	ins. 30.098	ins. 30.022	ins. 30.028	ins. 30.033	ins. 30.069	ins. 30.092	66.0	86.0	138.0	63.0	—	hours. 11.5	in. 7.26	
2	0.077	0.089	0.092	0.064	30.033	30.018	0.029	0.049	0.079	71.0	92.0	147.0	67.0	—	11.5	7.49	
3	0.000	0.039	0.055	0.023	29.963	29.995	0.015	0.017	0.037	70.0	96.0	148.0	65.5	—	9.0	6.94	
4	0.038	0.047	0.055	0.040	30.038	30.000	0.009	0.025	0.027	68.0	86.0	138.0	66.0	—	8.5	7.93	
5	0.023	0.059	0.072	0.062	0.030	29.995	0.018	0.038	0.049	69.0	85.0	136.0	67.0	—	5.5	7.56	
6	0.045	0.082	0.078	0.072	0.032	30.002	0.010	0.039	0.082	69.0	85.0	142.0	66.5	—	11.0	7.41	
7	0.065	0.092	0.070	0.050	0.010	0.015	0.010	0.049	0.052	67.0	85.5	138.5	67.0	—	11.0	6.97	
8	0.075	0.072	0.078	0.060	0.037	30.032	0.020	0.048	0.062	68.0	87.0	138.5	65.5	—	11.5	6.82	
9	0.075	0.062	0.055	0.062	30.055	29.997	30.010	30.031	0.015	69.0	85.0	141.0	64.0	—	12.0	7.16	
10	0.028	0.027	0.038	0.020	29.992	29.962	29.968	29.993	0.032	67.0	86.6	—	65.5	—	12.0	7.26	
11	0.037	0.032	0.042	0.012	30.000	30.009	30.012	30.035	0.037	69.0	85.0	—	67.0	—	8.0	5.92	
12	0.048	0.077	0.083	0.042	30.010	29.982	30.000	30.032	30.072	67.0	86.0	—	64.5	—	5.0	6.99	
13	30.017	30.052	30.040	30.012	29.957	0.932	29.940	29.957	29.999	72.0	86.0	—	68.5	—	4.5	7.11	
14	29.967	29.969	29.938	29.904	0.844	0.861	0.866	0.859	0.900	73.5	91.0	—	69.0	—	8.5	6.97	
15	0.831	0.869	0.843	0.820	0.791	0.671	0.978	0.809	0.826	68.5	87.0	—	68.5	—	4.0	6.75	
16	0.792	0.824	0.811	0.781	0.754	0.741	0.733	0.741	0.733	69.0	89.0	—	63.5	—	5.0	7.59	
17	0.771	0.783	0.761	0.755	0.727	0.727	0.734	0.811	0.813	67.0	92.0	—	64.5	—	12.5	6.82	
18	0.816	0.813	0.814	0.790	0.752	0.753	0.779	0.851	0.873	68.0	92.0	—	67.0	—	12.0	6.89	
19	0.881	0.903	0.904	0.875	0.833	0.834	0.834	0.904	0.921	71.0	89.0	—	69.0	—	12.5	7.28	
20	0.891	0.923	0.932	0.892	0.873	0.819	0.840	0.849	0.883	70.0	92.0	—	67.0	—	12.5	6.24	
21	0.911	0.913	0.911	0.880	0.856	0.860	0.865	0.901	0.903	69.0	92.0	—	66.0	—	12.0	7.54	
22	0.925	0.932	0.935	0.930	0.904	0.885	0.888	0.907	0.907	70.0	87.0	—	66.5	—	11.5	6.37	
23	29.920	29.947	29.992	29.988	29.942	29.915	29.927	29.942	29.967	69.0	85.0	—	68.5	—	11.5	5.80	
24	30.028	30.055	30.075	30.071	30.038	30.030	30.052	30.057	30.100	64.5	81.0	—	64.0	—	0.0	5.45	
25	1.00	1.117	1.100	0.995	0.990	30.050	30.050	0.057	0.082	65.0	83.0	—	61.5	—	4.0	6.26	
26	0.060	0.077	0.075	0.060	30.020	29.982	29.998	0.022	0.055	65.0	87.0	—	61.0	—	10.5	6.99	
27	0.017	0.019	0.050	0.035	29.984	0.060	0.058	0.003	0.027	71.0	86.0	—	69.0	—	5.5	7.56	
28	0.027	0.061	0.067	0.032	30.020	0.095	0.098	30.006	0.049	70.5	85.0	—	70.0	—	3.5	7.56	
29	0.025	0.043	0.037	0.009	29.982	0.014	0.037	29.950	0.022	72.0	88.0	—	68.0	—	12.5	8.07	
30	30.029	30.050	30.027	30.004	29.951	29.933	29.944	30.000	30.032	75.0	93.0	—	71.0	—	12.0	7.66	
Mean	29.987	30.005	30.004	29.984	29.951	29.930	29.949	29.969	29.997	67.0	87.7	—	66.4	—	27.1	7.02	

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	68.0	67.0	76.0	72.5	83.0	76.0	83.0	75.0	82.0	75.0	80.5	75.0	78.5	74.0	75.5	78.5
2	73.0	71.0	77.5	74.0	83.0	75.0	87.0	77.0	76.0	72.0	78.0	74.0	76.0	72.0	75.0	78.0
3	72.0	71.0	78.0	75.0	83.0	75.0	88.0	76.0	91.5	78.0	71.2	71.0	73.0	71.0	73.0	73.0
4	70.2	69.0	74.0	72.5	82.5	78.0	79.0	79.0	74.0	70.0	73.0	75.0	74.0	71.0	74.0	70.6
5	73.5	71.0	76.0	73.5	80.5	75.5	81.0	75.0	83.0	75.0	81.0	75.0	79.8	73.0	74.0	71.5
6	71.5	70.0	76.0	73.5	80.6	75.5	82.0	75.0	82.0	74.6	81.0	74.0	78.8	72.0	76.5	72.0
7	71.8	70.0	77.0	74.5	81.0	74.5	83.5	74.5	82.5	74.5	80.0	74.5	77.5	73.5	75.5	71.5
8	71.0	69.0	77.0	74.0	80.0	75.0	82.5	73.8	85.0	74.5	82.6	73.0	79.0	70.0	76.0	71.0
9	70.8	69.0	74.4	72.0	81.0	74.0	81.0	74.0	80.0	73.0	82.0	72.0	78.0	71.0	74.5	70.0
10	69.5	67.0	74.5	71.0	82.0	74.0	76.5	73.0	81.8	73.0	82.0	72.0	78.0	71.0	74.5	70.5
11	74.0	70.0	77.0	74.0	81.5	75.5	82.8	74.4	78.0	73.0	76.0	72.0	74.0	73.0	75.0	71.5
12	72.0	70.5	74.0	72.0	80.0	74.6	82.0	74.0	83.0	74.0	81.5	74.0	79.0	73.0	75.0	71.0
13	74.0	70.5	76.5	73.5	80.5	75.0	84.0	75.0	83.0	75.0	81.5	75.0	79.6	74.0	77.6	73.5
14	74.0	72.0	76.0	73.0	81.5	75.0	85.0	75.0	83.5	76.0	81.5	75.0	78.6	74.0	76.0	73.0
15	72.8	71.0	75.0	72.0	77.5	72.0	79.4	73.4	83.5	74.5	80.5	75.0	75.0	74.0	79.0	74.0
16	70.0	67.5	71.8	70.0	75.0	70.0	83.5	75.0	81.0	75.4	77.0	73.5	79.0	76.0	73.0	68.0
17	70.0	68.5	76.0	73.0	80.0	73.0	86.0	75.0	90.0	74.0	85.0	73.5	80.0	70.0	76.0	72.0
18	71.0	69.5	76.0	73.0	81.0	74.0	85.5	75.0	88.0	75.0	83.5	75.0	79.0	72.0	75.0	71.0
19	74.0	72.0	77.5	74.8	83.0	77.0	85.5	76.0	86.0	77.0	82.0	75.5	81.5	75.0	79.0	75.5
20	75.0	72.0	77.0	73.5	83.0	76.0	87.5	74.0	89.0	75.0	87.0	75.0	81.5	75.5	79.0	73.0
21	72.0	70.5	75.8	72.6	84.5	77.0	88.0	77.5	85.0	74.0	84.8	79.0	79.0	70.0	75.0	68.0
22	72.6	70.0	76.5	72.6	81.6	74.0	84.0	74.0	87.0	75.0	84.0	73.0	79.0	73.0	78.0	74.0
23	71.8	70.0	76.0	73.0	81.0	72.0	84.0	72.0	82.0	72.4	78.0	72.0	78.0	72.0	76.0	71.0
24	69.5	67.5	71.0	69.0	76.0	71.5	76.0	67.5	79.0	69.0	77.5	70.0	75.5	74.0	73.0	70.0
25	72.0	67.0	77.5	70.6	80.0	70.0	81.2	71.8	79.4	70.0	78.0	70.0	75.8	70.0	73.0	67.0
26	72.0	70.0	78.8	73.0	81.4	73.6	82.0	74.0	84.0	74.0	81.5	75.0	79.4	73.8	76.0	72.0
27	74.0	71.0	77.0	74.0	81.0	75.0	83.0	75.0	82.0	76.0	79.7	74.0	78.8	73.0	76.4	72.4
28	73.0	71.0	75.0	72.0	81.0	74.0	81.0	75.0	81.0	76.0	78.0	73.0	77.0	73.0	76.5	73.0
29	74.8	72.0	77.0	74.8	83.0	77.0	86.0	78.0	85.4	79.0	84.5	77.5	84.0	75.5	80.8	75.0
30	78.0	74.0	80.5	75.0	83.0	77.0	86.4	77.2	91.0	78.0	89.0	76.0	85.0	75.0	82.0	74.0
Mean	72.3	70.0	76.1	72.9	80.8	74.6	82.9	74.3	83.4	74.2	80.9	73.9	78.6	76.5	74.8	71.6

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

APRIL 1886.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	E	3	Cum.	5	—	—	—	10	—	—
2	Cir.-c.	3	W	0.5	Cir.-c.	2	WbyN	0.5	—	—	—	—	Cum.-s.	5	E	2	C.N.	8	E	3	—	7	—	—
3	Cir.-c.	2	NW	0.3	—	—	—	—	—	—	—	—	Cum.-s.	5	SE	3	C.N.	9	E	2	Nim.	10	—	—
4	Cir.-c.	2	N	1	Cir.	1	NNW	0.5	—	—	—	—	Cum.-s.	6	E	2	Cum.	7	EbyN	2	—	7	—	—
5	Cir.-s.	3	NW	0.5	Cir.-s.	3	WbyN	0.5	—	—	—	—	C.N.	6	E	3	Cum.	4	E	2	—	6	—	—
6	—	—	—	—	Cir.	2	SSW	0.3	—	—	—	—	Str.	2	E	2	Cum.-s.	6	E	3	Cum.	6	—	—
7	Cir.-s.	1	W	0.5	Cir.	1	SSW	0.5	—	—	—	—	Cum.	4	E	2	Cum.	7	E	2	Cum.	4	—	—
8	Cir.	2	S	0.3	Cir.-c.	3	SE	0.5	—	—	—	—	Cum.-s.	5	ESE	2	Cum.	4	E	2	Cum.	5	—	—
9	—	—	—	—	Cir.	1	S	0.3	—	—	—	—	Str.	3	ESE	2	Cum.	8	E	2	Cum.	5	—	—
10	—	—	—	—	Cir.-s.	4	ESE	0.5	—	—	—	—	Cum.-s.	2	—	—	Cum.	5	ENE	3	Cum.	4	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	ESE	2	C.N.	10	E	2	Nim.	10	—	—
12	—	—	—	—	Cir.-s.	2	NW	1	—	—	—	—	S.N.	10	E	1	Cum.	6	E	2	Nim.	8	—	—
13	Cir.-s.	3	S	0.3	Cir.-s.	3	SSW	0.5	—	—	—	—	Nim.	6	E	3	Cum.	5	E	2	Cum.	4	—	—
14	Cir.-c.	4	SW	0.3	Cir.-s.	1	SW	0.3	—	—	—	—	Cum.-s.	2	ESE	2	Cum.	8	E	2	Cum.	3	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	E	3	Cum.	9	SE	3	Cum.	9	—	—
16	Cir.-c.	2	SW	0.5	—	—	—	—	—	—	—	—	Cum.	6	S	3	Nim.	10	ESE	2	Cum.	6	—	—
17	—	—	—	—	Cir.-s.	2	SSW	0.3	—	—	—	—	—	5	—	—	Cum.	6	SE	2	Cum.	9	—	—
18	—	—	—	—	Cir.	5	NNW	0.5	—	—	—	—	Str.	1	—	—	Cum.	3	NW	2	Cum.	7	N	2
19	Cir.	3	SW	0.5	Cir.	3	S	0.3	—	—	—	—	Cum.-s.	4	SE	1	Cum.	4	E	2	Cum.	2	—	—
20	—	—	—	—	Cir.	1	W	0.5	—	—	—	—	Cum.-s.	1	—	—	Cum.	8	S	2	Cum.	4	—	—
21	—	—	—	—	Cir.	1	W	0.5	—	—	—	—	Str.	1	—	—	Cum.	6	S	2	Cum.	7	—	—
22	Cir.-s.	2	W	0.5	—	—	—	—	—	—	—	—	Cum.	6	NNW	2	Cum.	8	NW	2	Cum.	4	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	NW	3	Cum.	8	NE	3	Cum.	7	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	SE	2	C.N.	9	SE	3	—	8	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.-s.	9	E	2	Cum.	8	E	2
26	—	—	—	—	Cir.	4	SW	0.3	—	—	—	—	Cum.-s.	4	—	—	Cum.-s.	5	E	3	Cum.	5	—	—
27	—	—	—	—	Cir.-s.	2	W	0.5	—	—	—	—	Cum.-s.	9	ESE	2	Cum.	6	E	2	Cum.	9	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	EbyS	2	C.N.	9	E	2	—	10	—	—
29	—	—	—	—	Cir.-s.	2	NE	1	—	—	—	—	Cum.-s.	2	—	2	Cum.	8	SW	2	Cum.	6	S	2
30	—	—	—	—	Cir.-s.	4	E	1	—	—	—	—	Cum.-s.	2	S	2	Cum.	1	—	—	Cum.	6	SSE	2
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	5.0	—	—	—	6.7	—	—	—	6.5	—	—

OBSERVATIONS TAKEN AT SANCHEZ, SAN DOMINGO.

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
MAY 1886.

Day.	BAROMETRE.										TEMPERATURE.					Sun- shine.	Vapour Tension.
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.			
1	ins. 30°002	ins. 30°003	ins. 30°017	ins. 29°982	ins. 29°952	ins. 29°939	ins. 29°972	ins. 29°992	ins. 30°005	76°0	90°0	—	75°0	—	hours. 12°5	ins. 84°3	
2	30°009	30°028	30°047	30°066	30°085	30°092	30°092	30°092	30°062	76°5	94°0	—	72°0	—	4°5	82°0	
3	30°045	30°064	30°083	30°102	30°121	30°140	30°159	30°178	30°197	76°0	91°0	—	74°5	—	7°5	79°0	
4	30°089	30°107	30°126	30°145	30°164	30°183	30°202	30°221	30°240	75°0	88°0	—	73°6	—	0°5	74°1	
5	30°072	30°091	30°110	30°129	30°148	30°167	30°186	30°205	30°224	71°0	85°0	—	69°5	—	0°0	74°9	
6	30°060	30°079	30°098	30°117	30°136	30°155	30°174	30°193	30°212	71°0	82°0	—	69°5	—	0°0	73°8	
7	30°090	30°109	30°128	30°147	30°166	30°185	30°204	30°223	30°242	71°0	83°0	—	72°0	—	0°0	81°0	
8	30°129	30°148	30°167	30°186	30°205	30°224	30°243	30°262	30°281	74°0	86°0	—	73°5	—	0°0	78°8	
9	30°137	30°156	30°175	30°194	30°213	30°232	30°251	30°270	30°289	75°0	89°0	—	68°0	—	4°0	84°0	
10	30°182	30°201	30°220	30°239	30°258	30°277	30°296	30°315	30°334	73°5	89°0	—	70°0	—	5°0	93°0	
11	30°207	30°226	30°245	30°264	30°283	30°302	30°321	30°340	30°359	72°0	82°0	—	71°0	—	1°5	84°0	
12	30°208	30°227	30°246	30°265	30°284	30°303	30°322	30°341	30°360	67°5	84°5	—	66°5	—	12°5	57°8	
13	30°125	30°144	30°163	30°182	30°201	30°220	30°239	30°258	30°277	68°0	85°0	—	66°0	—	8°5	62°0	
14	30°111	30°130	30°149	30°168	30°187	30°206	30°225	30°244	30°263	67°0	84°0	—	63°0	—	11°5	62°8	
15	30°083	30°102	30°121	30°140	30°159	30°178	30°197	30°216	30°235	67°0	82°0	—	62°0	—	8°0	63°0	
16	30°062	30°081	30°100	30°119	30°138	30°157	30°176	30°195	30°214	67°0	85°0	—	65°0	—	10°0	68°4	
17	30°068	30°087	30°106	30°125	30°144	30°163	30°182	30°201	30°220	67°0	84°0	—	66°0	—	9°0	69°0	
18	30°068	30°087	30°106	30°125	30°144	30°163	30°182	30°201	30°220	67°0	84°0	—	66°0	—	9°0	69°0	
19	30°127	30°146	30°165	30°184	30°203	30°222	30°241	30°260	30°279	71°0	84°0	—	66°0	—	12°5	73°8	
20	30°123	30°142	30°161	30°180	30°199	30°218	30°237	30°256	30°275	71°0	85°0	—	67°0	—	8°0	75°6	
21	30°107	30°126	30°145	30°164	30°183	30°202	30°221	30°240	30°259	72°0	86°0	—	68°0	—	13°5	81°2	
22	30°105	30°124	30°143	30°162	30°181	30°200	30°219	30°238	30°257	72°0	87°0	—	69°0	—	12°5	77°2	
23	30°117	30°136	30°155	30°174	30°193	30°212	30°231	30°250	30°269	70°5	88°0	—	66°0	—	12°5	77°2	
24	30°097	30°116	30°135	30°154	30°173	30°192	30°211	30°230	30°249	72°0	86°0	—	68°5	—	12°0	73°1	
25	30°082	30°101	30°120	30°139	30°158	30°177	30°196	30°215	30°234	71°0	90°0	—	69°0	—	12°0	73°1	
26	30°067	30°086	30°105	30°124	30°143	30°162	30°181	30°200	30°219	71°0	90°0	—	69°0	—	12°0	73°1	
27	30°106	30°125	30°144	30°163	30°182	30°201	30°220	30°239	30°258	71°0	94°0	—	70°5	—	11°5	82°0	
28	30°052	30°071	30°090	30°109	30°128	30°147	30°166	30°185	30°204	76°0	90°0	—	68°5	—	10°0	70°1	
29	30°025	30°044	30°063	30°082	30°101	30°120	30°139	30°158	30°177	73°5	93°5	—	70°0	—	8°0	82°6	
30	29°975	29°994	29°1013	29°1022	29°1031	29°1040	29°1049	29°1058	29°1107	72°0	91°5	—	69°7	—	6°0	70°8	
31	29°993	29°1012	29°1031	29°1050	29°1069	29°1088	29°1107	29°1126	29°1145	69°0	88°0	—	67°0	—	5°0	77°7	
Mean	30°056	30°075	30°094	30°113	30°132	30°151	30°170	30°189	30°208	71°4	86°9	—	68°5	—	239°0	74°7	

DRY-BULB AND WET-BULB THERMOMETERS.

Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	76°6	74°0	79°8	75°8	84°8	74°8	88°0	79°0	87°0	79°0	87°0	76°0	85°0	78°0	82°5	77°0	82°0	79°0
2	79°0	76°0	82°5	76°8	85°0	72°8	88°0	79°0	92°0	79°0	87°0	77°5	86°0	78°0	83°0	77°0	82°0	77°5
3	80°0	76°0	81°5	76°8	85°0	76°8	87°0	78°0	98°0	79°0	83°0	75°0	81°8	76°0	82°0	75°0	81°0	76°5
4	77°0	74°0	78°8	74°8	79°5	76°0	82°0	73°0	83°5	77°0	80°6	76°8	80°0	76°5	79°0	74°0	78°0	74°5
5	75°0	72°0	79°0	74°0	80°0	75°5	81°5	75°0	81°8	74°3	81°0	74°0	79°3	73°8	79°0	73°5	78°0	73°0
6	73°0	71°0	76°0	74°0	78°4	74°5	77°0	73°0	81°0	74°0	77°0	73°3	74°6	73°3	75°0	73°5	75°0	74°0
7	76°0	74°0	77°0	74°5	77°0	75°0	78°0	75°0	78°0	75°0	78°0	74°8	77°0	76°0	75°4	78°4	75°6	73°2
8	78°0	73°5	79°0	76°0	80°5	75°5	83°0	76°5	83°0	76°0	82°5	76°5	81°0	76°0	80°0	76°5	78°0	73°0
9	76°5	75°0	76°0	75°0	77°5	75°0	81°5	77°0	85°5	79°0	84°5	78°0	82°0	76°5	81°0	76°0	75°0	75°0
10	76°0	74°5	79°0	75°5	79°5	76°0	84°5	80°0	82°5	76°0	81°5	76°5	76°0	74°8	75°0	74°0	73°5	72°0
11	74°5	73°5	74°5	73°0	75°5	74°0	76°5	73°0	79°5	74°0	77°0	72°0	76°0	72°0	74°0	71°5	73°0	71°5
12	71°5	68°5	77°0	73°5	80°0	76°5	81°5	70°5	80°5	76°0	79°5	71°0	77°0	70°5	74°0	69°0	73°0	69°0
13	70°0	66°0	75°0	71°5	80°0	76°0	80°8	71°4	82°0	72°5	80°0	71°6	79°0	70°0	75°0	68°5	73°0	68°0
14	68°0	66°0	77°0	73°0	79°0	75°0	81°0	73°4	82°0	72°5	80°0	72°0	77°0	70°0	75°0	68°5	73°0	69°0
15	71°0	68°5	72°8	70°0	78°5	75°0	81°0	73°4	82°0	72°5	80°0	72°0	77°0	70°0	75°0	68°5	73°0	69°0
16	69°8	67°0	73°0	70°0	80°5	73°0	81°5	72°0	81°0	74°0	81°0	70°5	78°0	70°0	74°0	69°0	74°0	69°0
17	70°0	68°0	76°0	74°0	80°0	73°5	81°4	73°4	80°9	70°8	81°0	73°0	77°4	70°5	75°0	70°0	74°0	70°5
18	70°0	68°5	78°4	74°0	79°0	73°0	80°8	73°6	80°0	74°0	81°8	73°2	79°0	72°0	77°0	71°0	76°0	71°5
19	74°0	70°0	79°0	74°0	81°6	73°0	79°0	70°5	80°6	72°0	79°0	74°0	78°5	72°0	77°0	71°0	76°0	71°5
20	72°0	68°8	78°0	70°4	81°5	73°0	82°2	75°0	83°4	75°6	82°0	76°0	80°8	71°8	78°0	70°0	74°0	71°0
21	74°8	72°0	75°8	73°0	78°0	75°0	81°0	73°0	82°0	76°4	81°0	76°0	80°8	71°8	78°0	70°0	74°0	71°0
22	75°0	73°0	80°0	76°0	81°0	76°5	83°0	75°0	85°0	74°5	85°0	76°5	82°0	75°4	78°4	74°0	78°0	74°5
23	75°0	73°0	83°0	76°0	82°0	78°0	84°0	75°0	85°0	74°5	84°0	74°0	82°8	74°0	80°0	73°5	78°5	73°5
24	74°0	71°0	77°5	74°0	81°0	75°0	84°0	76°0	86°5	77°0	84°0	76°5	82°0	76°0	81°5	74°0	77°4	73°0
25	76°0	73°0	78°0	74°0	82°0	76°0	84°0	76°0	85°0	75°5	84°6	77°0	81°0	77°0	82°0	76°0	78°0	73°0
26	78°0	75°0	82°0	76°0	84°0	76°0	87°0	77°5	89°0	79°0	85°0	76°0	84°0	72°6	83°0	77°0	80°0	73°0
27	78°0	75°0	80°4	77°0	84°0	77°0	88°0	79°0	92°0	80°0	85°5	79°0	83°0	77°4	81°0	76°0	80°0	73°0
28	77°0	74°5	80°5	76°0	83°5	76°0	86°0	75°8	88°0	78°0	85°5	75°8	82°8	76°5	81°0	76°0	79°0	73°0
29	75°6	73°0	81°0	76°5	84°5	77°5	87°0	78°8	90°2	78°0	85°5	76°0	81°5	74°5	79°0	76°0	78°0	73°5
30	75°5	73°0	79°5	74°5	83°0	75°5	88°0	76°4	85°7	77°5	85°0	73°5	78°0	74°5	78°5	74°0	76°5	71°5
31	71°8	70°0	73°5	72°0	81°5	76°8	85°3	77°0	80°6	77°0	81°8	74°7	79°9	73°9	78°2	73°4	75°7	73°4
Mean	74°5	71°9	78°1	74°0	80°9	74°9	83°0	75°4	83°0	75°6	81°8	74°7	79°9	73°9	78°2	73°4	75°7	73°4

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
JUNE 1886.

Day.	BAROMETER.										TEMPERATURE.					Sun- SHINE.	Vapour Tension.
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.			
1	ins. 30°003	ins. 30°042	ins. 30°053	ins. 30°030	ins. 30°062	ins. 30°097	ins. 30°095	ins. 30°097	ins. 30°018	71°5	89°5	—	69°0	81°2	hours. 6°0	ins. 749	
2	29°996	30°014	30°064	29°992	29°956	30°094	29°963	30°027	30°031	72°5	87°0	—	69°0	81°1	7°0	801	
3	30°086	30°044	30°053	30°057	30°011	29°985	30°015	30°048	30°059	73°5	87°0	—	72°0	80°6	3°5	733	
4	29°999	30°041	30°056	30°026	30°000	30°005	29°998	30°028	30°039	71°0	85°0	—	71°0	79°7	0°0	804	
5	29°987	29°984	30°023	30°031	30°006	29°988	29°994	30°004	30°017	72°0	82°0	—	70°5	80°7	0°1	769	
6	29°986	29°983	30°026	30°023	29°991	29°995	29°995	30°045	30°061	74°0	85°0	—	72°5	80°7	1°2	812	
7	30°065	30°052	30°063	30°046	30°024	30°035	30°022	30°065	30°063	76°0	85°0	—	73°0	80°9	3°0	774	
8	30°035	30°046	30°048	30°028	30°012	30°022	30°016	29°994	30°001	69°0	83°5	—	69°0	80°0	2°0	785	
9	30°011	30°014	30°015	30°010	30°002	29°975	29°997	29°967	29°957	71°0	84°0	—	68°0	80°0	0°0	829	
10	29°988	30°001	30°016	29°978	29°997	29°984	29°984	30°007	30°030	70°0	85°0	—	70°0	78°9	0°0	840	
11	30°057	30°058	30°060	30°060	30°060	30°060	30°060	30°060	30°060	73°0	89°0	—	72°0	80°1	0°0	751	
12	30°044	30°039	30°028	30°006	30°067	30°070	29°990	29°980	30°003	73°0	91°0	—	71°0	81°1	12°0	749	
13	29°975	30°001	30°020	29°991	29°946	29°964	29°985	29°971	29°956	70°0	87°0	—	70°0	82°2	7°0	774	
14	30°023	30°018	30°019	30°036	30°033	30°019	30°026	30°028	30°037	73°0	85°0	—	68°0	81°6	7°5	759	
15	30°052	30°079	30°080	30°070	30°060	30°036	30°037	30°070	30°065	71°5	85°5	—	70°0	81°1	5°5	829	
16	30°083	30°099	30°092	30°088	30°030	30°040	30°057	30°089	30°089	74°5	87°5	—	72°0	80°5	5°0	774	
17	30°071	30°077	30°077	30°077	30°077	30°077	30°077	30°077	30°077	74°5	88°0	—	70°5	81°7	9°0	860	
18	30°079	30°089	30°091	30°091	30°091	30°091	30°091	30°091	30°091	74°5	89°5	—	71°5	80°9	5°0	774	
19	30°113	30°108	30°108	30°108	30°108	30°108	30°108	30°108	30°108	74°5	89°0	—	70°5	81°1	6°0	741	
20	30°089	30°090	30°107	30°091	30°067	30°038	30°038	30°058	30°058	74°5	88°0	—	70°5	81°7	9°0	860	
21	30°094	30°101	30°112	30°075	30°047	30°036	30°049	30°059	30°045	75°5	91°5	—	72°0	81°6	8°0	823	
22	30°062	30°083	30°083	30°061	30°026	30°010	30°018	30°044	30°052	74°0	90°0	—	72°5	82°0	8°0	837	
23	30°096	30°114	30°115	30°092	30°066	30°047	30°063	30°083	30°079	74°0	90°0	—	72°5	82°2	8°5	785	
24	30°131	30°151	30°160	30°144	30°083	30°084	30°108	30°154	30°163	73°0	88°5	—	71°0	82°1	7°0	832	
25	30°042	30°078	30°086	30°081	30°045	30°066	30°083	30°079	30°114	72°0	88°3	—	71°5	81°5	6°0	761	
26	30°103	30°128	30°125	30°116	30°073	30°063	30°060	30°110	30°112	72°5	88°0	—	72°5	81°8	7°0	807	
27	30°087	30°123	30°120	30°112	30°060	30°035	30°054	30°116	30°105	72°0	87°8	—	71°0	81°9	6°0	796	
28	30°115	30°129	30°147	30°129	30°088	30°061	30°082	30°117	30°109	74°5	87°5	—	73°5	81°6	8°0	871	
Mean	30°054	30°067	30°076	30°058	30°027	30°020	30°028	30°055	30°059	72°7	87°4	—	71°0	81°1	16°8	790	

DRY-BULB AND WET-BULB THERMOMETERS.

Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.		Wet.		Dry.		Wet.		Dry.		Wet.		Dry.		Wet.		Dry.	
1	74°0	78°0	81°6	76°4	85°0	77°0	87°0	77°0	82°0	76°5	77°0	74°0	76°0	73°5	76°0	73°0	75°0	73°0
2	75°5	78°5	79°0	77°0	82°0	78°4	84°3	77°2	85°5	79°0	82°0	77°0	81°0	76°5	78°5	75°0	78°0	73°5
3	76°0	74°0	82°0	78°0	84°7	77°5	76°0	72°5	74°8	72°0	76°0	74°0	75°5	73°8	76°0	74°0	76°5	74°5
4	75°0	73°0	78°4	74°0	83°5	79°0	84°6	77°4	84°0	78°0	73°5	72°0	75°0	73°5	75°0	74°0	76°5	73°5
5	76°0	74°0	76°5	76°5	80°0	76°4	79°0	74°5	77°0	73°5	77°0	73°5	77°0	74°0	76°4	74°6	75°0	74°0
6	77°0	75°0	80°5	76°5	83°0	78°0	83°0	77°0	84°0	77°0	82°0	76°0	80°6	78°0	80°0	76°0	78°5	76°0
7	77°0	74°0	81°0	75°0	82°0	75°0	83°5	77°0	82°0	76°0	80°6	78°0	80°6	78°5	78°0	72°0	77°0	73°0
8	75°0	73°0	79°0	75°0	81°8	74°0	83°5	77°0	78°0	75°0	74°0	72°0	73°0	71°5	73°0	71°8	72°0	74°0
9	74°0	73°0	77°0	75°0	81°5	76°5	82°0	77°0	78°0	75°0	75°0	73°0	70°0	73°5	71°0	73°0	74°5	74°5
10	75°5	74°0	78°0	76°0	83°0	79°0	84°0	78°0	77°0	74°5	76°0	74°0	78°0	73°5	71°0	73°0	74°5	74°5
11	76°0	73°5	78°0	74°0	81°5	76°0	84°0	76°0	77°0	74°5	76°0	74°0	78°0	73°0	71°0	73°0	74°5	74°5
12	76°0	74°0	79°5	76°0	84°5	78°0	87°0	77°0	88°0	77°0	80°5	74°5	80°0	73°0	76°0	75°0	73°5	73°5
13	77°0	74°0	80°0	75°0	84°0	74°0	88°0	78°0	89°0	79°0	84°0	76°0	79°0	73°0	79°2	74°4	78°0	75°5
14	74°0	72°0	78°0	74°0	82°5	76°5	83°5	76°0	84°5	76°0	77°0	74°5	77°0	73°0	77°0	74°0	76°0	74°5
15	77°0	75°0	80°4	76°0	84°0	76°5	81°0	76°6	86°0	76°0	78°0	73°5	77°0	73°0	77°0	73°5	76°0	73°5
16	73°5	74°0	79°5	76°0	82°5	76°0	81°3	75°5	79°2	74°5	81°0	76°0	79°0	73°0	75°0	72°5	74°0	73°5
17	76°0	74°8	80°0	76°0	82°5	76°5	84°7	77°5	84°0	77°0	84°7	77°8	82°5	76°0	79°5	78°0	78°0	75°0
18	76°3	74°5	79°0	76°5	82°3	77°5	82°7	77°5	84°0	77°0	84°7	77°8	82°5	76°0	79°5	78°0	78°0	75°0
19	77°0	74°5	80°0	76°0	83°0	77°0	86°0	76°0	81°5	78°5	84°0	77°8	82°7	76°0	81°0	77°5	77°5	74°5
20	77°0	75°0	80°3	77°0	82°0	76°0	85°0	78°8	85°5	76°5	84°0	77°5	82°7	76°0	81°0	77°5	77°5	74°5
21	76°3	73°8	78°3	75°0	83°0	78°0	85°0	78°8	85°5	76°5	84°0	77°5	82°7	76°0	81°0	77°5	77°5	74°5
22	77°5	74°5	80°5	77°0	83°5	77°5	83°5	78°5	85°0	77°0	82°5	77°0	82°5	76°0	83°0	78°0	80°0	73°0
23	78°5	75°0	80°0	78°5	84°0	77°5	86°0	77°5	89°7	77°0	85°5	77°0	82°0	75°5	80°0	73°0	79°0	76°0
24	78°0	76°0	81°7	76°5	84°0	77°0	87°0	77°0	89°7	77°0	85°5	77°0	82°0	75°5	80°0	73°0	79°0	76°0
25	75°0	72°5	78°8	75°0	83°0	77°0	84°5	77°5	86°0	77°0	85°3	78°0	83°5	75°0	79°0	73°0	79°0	76°0
26	77°0	75°0	80°	76°0	85°0	78°8	84°5	78°0	87°0	76°5	86°5	78°0	81°5	75°5	80°5	76°5	79°5	76°0
27	78°5	74°0	8	76°0	83°0	76°0	84°8	76°5	86°0	78°5	85°5	79°0	83°0	76°5	80°5	75°0	79°5	76°0
28	79°0	74°5	83°0	77°0	84°0	77°0	84°7	77°5	84°8	75°3	81°0	74°5	82°0	75°5	80°5	74°8	79°5	75°0
29	75°5	73°0	77°0	74°8	81°0	76°8	84°0	77°0	85°0	78°0	82°5	76°5	82°0	75°5	80°5	74°8	79°5	75°0
30	78°0	76°0	80°0	77°0	84°0	78°5	85°0	79°0	84°5	79°0	83°2	75°5	80°0	74°8	79°0	74°5	78°0	75°5
Mean	76°3	73°8	79°8	76°1	83°0	77°0	84°0	76°8	82°9	76°2	80°9	75°6	79°2	74°5	77°9	73°8	76°9	74°4

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

JUNE 1886.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	Cir.	3	SW	0.5	—	—	—	—	—	—	—	—	Cum.-s.	5	E	1	C.N.	10	E	1	—	10	—	—
2	Cir.-s.	0.5	WbyN	1	Cir.-s.	5	W	1	—	—	—	—	C.N.	8	E	2	C.N.	6	ESE	2	C.N.	7	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	E	3	C.N.	10	E	2	Nim.	10	—	—
4	Cir.-c.	—	N	0.3	—	—	—	—	—	—	—	—	C.N.	8	SE	1	Nim.	10	ESE	2	Nim.	10	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	E	1	Nim.	10	E	2	—	10	—	—
6	—	—	—	—	Cir.-c.	1	SW	0.5	—	—	—	—	C.N.	10	SE	2	C.N.	8	SE	2	—	10	—	—
7	Cir.-s.	2	SW	0.3	Cir.-s.	3	SW	0.3	—	—	—	—	Cum.	7	SE	2	C.N.	7	EbyS	2	Cum.	8	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	SE	3	C.N.	10	E	3	—	10	—	—
9	Cir.-c.	2	S	0.3	—	—	—	—	—	—	—	—	Cum.-s.	7	SE	1	Nim.	10	E	3	—	10	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	E	2	Nim.	10	E	2	Nim.	10	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	10	E	2	C.N.	10	ESE	2	—	10	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	SE	3	Cum.	5	SE	2	Cum.	6	S	1
13	—	—	—	—	Cir.-s.	3	SW	0.5	—	—	—	—	Cum.-s.	4	S	2	Cum.	6	S	2	Cum.	4	—	—
14	Cir.-s.	3	SW	1	—	—	—	—	—	—	—	—	Cum.	5	E	1	C.N.	10	S	1	Cum.	4	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	SE	2	C.N.	10	S	2	—	10	—	—
16	—	—	—	—	Cir.-s.	1	NNW	0.5	—	—	—	—	C.S.N.	10	SE	2	C.N.	8	E	1	Nim.	10	—	—
17	Cir.-c.	2	N	0.5	—	—	—	—	—	—	—	—	C.S.N.	7	N	1	C.N.	10	E	1	C.N.	8	E	1
18	Cir.-c.	2	E	0.3	Cir.	1	ESE	0.3	—	—	—	—	C.S.N.	7	SE	1	C.N.	6	E	1	—	10	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	8	SE	2	C.N.	10	SE	1	Cum.	7	ESE	1
20	Cir.-c.	4	W	0.3	Cir.-s.	2	WSW	0.3	—	—	—	—	Cum.	2	SE	1	Cum.	4	ESE	2	Cum.	6	E	2
21	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	SE	1	C.N.	7	E	2	Cum.	7	—	—
22	Cir.	1	SW	0.3	—	—	—	—	—	—	—	—	Cum.	6	S	2	C.S.N.	7	SE	1	—	8	—	—
23	Cir.-s.	2	SE	0.3	—	—	—	—	—	—	—	—	Cum.	7	SE	1	Cum.-s.	5	SE	1	Cum.	7	E	1
24	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	S	1	C.N.	8	SE	2	Cum.	7	SE	1
25	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	ESE	2	Cum.-s.	5	ESE	1	Cum.	6	E	1
26	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	E	1	Cum.	7	E	1	C.N.	10	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	E	2	C.N.	6	SE	2	—	7	—	—
28	—	—	—	—	Cir.	2	E	0.3	—	—	—	—	C.N.	7	E	2	C.N.	7	ESE	2	Cum.	6	E	1
29	Cir.	2	N	0.3	Cir.	1	NNW	0.3	—	—	—	—	Cum.-s.	6	E	1	Cum.	7	E	1	Cum.	7	—	—
30	—	—	—	—	Cir.	2	N	0.3	—	—	—	—	C.N.	9	SE	1	Cum.-s.	7	ESE	1	Cum.	7	E	1
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	7.3	—	1.6	—	7.9	—	1.7	—	8.1	—	—

Day.	BAROMETER.										TEMPERATURE.					SUN-SHINE.	Vapour Tension.	
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.		Noon	
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.					
1	r.s. 30°082	ins. 30°100	ins. 30°135	ins. 30°130	ins. 30°086	ins. 30°058	ins. 30°085	ins. 30°114	ins. 30°121	74°5	88°8	—	72°5	81°9	hours. 8°0	ins. 863		
2	149	151	164	144	113	095	094	112	134	72°0	90°0	—	73°8	82°4	10°0	812		
3	127	130	142	126	100	092	117	127	141	75°0	88°8	—	70°0	82°1	10°0	736		
4	110	121	130	136	104	090	101	120	145	70°5	87°5	—	69°0	81°7	11°0	751		
5	093	092	103	084	048	034	037	051	045	69°8	89°0	—	69°0	81°9	12°0	751		
6	045	049	054	038	018	007	009	025	047	70°8	87°5	—	70°0	81°9	11°0	846		
7	067	093	129	059	038	024	051	083	085	73°0	84°5	—	70°0	81°9	11°0	846		
8]	089	113	118	104	081	081	070	107	109	73°0	85°0	—	71°5	80°8	6°0	834		
9	126	151	155	124	104	070	118	133	141	70°5	89°0	—	70°0	81°2	10°0	785		
10	125	159	146	130	106	073	096	132	134	72°5	88°6	—	70°5	81°1	9°0	874		
11	104	126	140	112	30°067	044	072	070	069	73°5	88°5	—	72°0	81°0	5°0	940		
12	032	026	046	010	29°094	000	016	029	047	75°0	86°5	—	71°5	81°5	10°0	846		
13	028	042	063	040	29°099	30°004	30°013	063	067	73°0	89°0	—	72°5	81°3	10°0	823		
14	080	073	069	052	30°000	29°091	29°097	041	043	71°5	88°0	—	71°5	81°3	10°0	918		
15	011	007	027	068	29°082	29°052	29°075	019	023	72°0	89°5	—	72°0	81°8	12°0	820		
16	035	048	048	027	30°001	30°002	30°043	073	077	75°5	90°0	—	70°5	82°1	11°0	868		
17	090	108	103	099	064	060	083	093	090	77°0	88°5	—	74°0	82°5	12°0	846		
18	086	103	113	084	060	30°062	060	077	074	75°2	88°5	—	73°0	82°1	8°5	764		
19	061	076	078	058	001	29°079	018	042	049	71°0	87°0	—	69°0	81°9	11°0	863		
20	026	047	050	036	018	30°011	028	074	071	72°0	88°0	—	71°0	82°1	10°5	865		
21	088	103	110	084	048	040	072	083	091	74°0	89°0	—	71°0	82°3	11°0	1124		
22	132	141	128	117	092	086	128	152	151	73°5	89°0	—	72°0	82°3	12°0	1142		
23	157	185	181	153	110	128	140	159	157	73°2	86°8	—	71°0	81°1	6°5	1°000		
24	118	137	114	081	30°074	059	071	101	099	72°5	87°5	—	71°5	80°3	4°0	848		
25	043	087	070	040	29°087	014	025	037	049	72°0	87°5	—	71°0	81°1	7°5	853		
26	034	067	063	040	30°047	049	028	081	078	72°3	88°5	—	71°0	81°3	6°5	1°184		
27	053	082	086	052	30°052	30°010	20°041	036	031	72°0	89°5	—	71°5	82°3	10°0	799		
28	014	025	022	005	29°060	29°056	29°067	009	031	73°5	88°5	—	72°0	82°6	12°0	851		
29	008	041	060	028	29°090	29°068	29°074	023	044	72°5	87°5	—	70°5	81°9	11°0	796		
30	034	070	092	059	30°058	30°054	30°049	077	079	72°0	87°5	—	70°0	81°8	10°5	900		
31	30°081	30°100	30°124	30°103	30°089	30°051	30°075	30°100	30°107	71°5	88°0	—	69°5	82°5	11°0	955		
Mean	30°075	30°092	30°099	30°076	30°048	30°037	30°052	30°078	30°085	72°8	88°1	—	71°1	81°7	296°0	891		

DRY-BULB AND WET-BULB THERMOMETERS.																		
Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	77°	74°	81°	76°	84°	78°	87°	78°	86°	79°	85°	79°	84°	78°	81°	77°	79°	77°
2	79°	75°	85°	79°	87°	79°	87°	78°	88°	76°	85°	77°	83°	75°	81°	77°	79°	77°
3	76°	73°	82°	76°	82°	76°	85°	76°	83°	76°	85°	76°	83°	75°	81°	76°	80°	76°
4	75°	73°	77°	74°	82°	76°	84°	76°	84°	76°	85°	75°	82°	74°	79°	74°	76°	74°
5	72°	70°	77°	73°	83°	77°	84°	76°	85°	75°	84°	74°	81°	74°	78°	73°	78°	75°
6	74°	72°	79°	75°	81°	76°	85°	78°	83°	77°	83°	75°	81°	75°	78°	73°	77°	74°
7	75°	73°	75°	74°	74°	72°	78°	73°	81°	75°	81°	75°	81°	75°	78°	73°	77°	74°
8	75°	73°	79°	76°	82°	78°	81°	77°	82°	76°	81°	76°	80°	74°	79°	74°	79°	75°
9	74°	73°	79°	76°	84°	78°	86°	77°	85°	77°	83°	77°	78°	74°	77°	74°	79°	75°
10	75°	73°	81°	78°	84°	79°	83°	78°	84°	78°	84°	78°	82°	76°	80°	75°	79°	76°
11	76°	74°	76°	74°	77°	74°	81°	79°	86°	77°	82°	78°	81°	76°	80°	75°	79°	76°
12	78°	74°	83°	76°	84°	77°	85°	78°	85°	78°	82°	78°	81°	76°	80°	75°	79°	76°
13	76°	74°	78°	76°	83°	77°	85°	78°	86°	79°	80°	78°	81°	76°	80°	75°	79°	76°
14	74°	74°	78°	75°	81°	77°	85°	78°	86°	79°	82°	76°	81°	76°	79°	75°	79°	75°
15	74°	72°	80°	77°	84°	78°	82°	77°	85°	78°	85°	77°	81°	76°	78°	74°	78°	75°
16	76°	74°	81°	77°	84°	78°	86°	79°	88°	80°	87°	80°	85°	75°	79°	74°	78°	75°
17	79°	76°	81°	77°	83°	77°	85°	78°	86°	79°	84°	79°	83°	77°	83°	75°	79°	76°
18	77°	75°	79°	76°	84°	78°	84°	76°	83°	77°	81°	76°	79°	75°	76°	73°	78°	77°
19	72°	70°	77°	74°	82°	77°	85°	79°	85°	78°	85°	78°	79°	75°	79°	74°	78°	75°
20	74°	73°	81°	78°	83°	78°	86°	79°	85°	82°	82°	78°	82°	79°	79°	76°	78°	76°
21	75°	74°	80°	78°	84°	80°	87°	84°	87°	76°	87°	81°	83°	79°	80°	76°	79°	77°
22	78°	74°	84°	79°	85°	83°	85°	83°	85°	85°	84°	81°	81°	80°	80°	76°	79°	76°
23	76°	74°	80°	79°	81°	79°	81°	80°	84°	79°	80°	79°	76°	75°	77°	75°	77°	76°
24	74°	73°	77°	75°	82°	78°	84°	78°	80°	77°	79°	76°	76°	74°	74°	73°	74°	72°
25	72°	72°	78°	76°	84°	79°	85°	79°	86°	84°	80°	77°	78°	77°	78°	76°	78°	76°
26	74°	73°	80°	77°	83°	78°	87°	83°	81°	79°	80°	76°	78°	75°	78°	75°	77°	75°
27	75°	73°	79°	77°	84°	79°	87°	78°	86°	75°	84°	73°	81°	75°	79°	75°	78°	75°
28	75°	74°	78°	76°	84°	79°	85°	78°	86°	79°	84°	79°	79°	74°	78°	74°	77°	75°
29	74°	73°	80°	77°	84°	77°	84°	77°	82°	77°	84°	77°	80°	74°	79°	74°	78°	75°
30	74°	72°	80°	76°	85°	78°	86°	80°	78°	73°	82°	76°	79°	75°	77°	74°	77°	75°
31	73°	71°	81°	78°	85°	79°	87°	84°	86°	84°	86°	84°	83°	81°	79°	78°	79°	78°
Mean	75°	73°	79°	76°	83°	77°	84°	78°	84°	78°	83°	77°	80°	76°	78°	75°	78°	75°

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

JULY 1886.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	Cir.	2	SE	0'3	—	—	—	—	C.N.	9	E	1	Cum.	6	SE	2	Cum.	4	ESE	1
2	Cir.-c.	3	SSW	0'5	—	—	—	—	—	—	—	—	Cum.	4	E	1	Cum.	7	SE	2	Cum.	7	E	1
3	—	—	—	—	Cir.-s.	3	S	0'5	—	—	—	—	Cum.	5	E	1	Cum.	5	E	1	Nim.	10	—	—
4	Cir.-s.	3	W	0'3	Cir.-s.	2	SW	0'3	—	—	—	—	Cum.	5	ESE	2	Cum.	5	E	1	Cum.	6	E	2
5	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	E	1	C.N.	8	E	1	Cum.	8	NE	1
6	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	NE	1	C.N.	10	E	1	Cum.-s.	7	E	1
7	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	1	C.S.N.	10	E	1	Nim.	10	—	—
8	Cir.	3	NNW	0'3	—	—	—	—	—	—	—	—	Cum.	4	E	1	C.N.	9	E	1	Cum.	7	E	1
9	Cir.-s.	4	NNW	0'3	Cir.	2	NW	0'3	—	—	—	—	Cum.	3	E	1	C.N.	6	E	1	C.N.	10	E	2
10	Cir.-s.	3	N	0'3	—	—	—	—	—	—	—	—	Cum.	5	ESE	4	C.N.	9	E	1	Cum.	6	E	1
11	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	NE	2	C.N.	9	E	2	—	0	—	0
12	Cir.	3	SW	0'5	Cir.-s.	3	SW	0'5	—	—	—	—	Cum.	4	E	1	Cum.	5	E	1	Cum.	7	E	1
13	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	1	Cum.	5	E	2	Cum.	6	E	1
14	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	7	E	1	C.N.	7	E	2	Cum.	6	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	2	Cum.	8	E	1	Cum.	7	E	1
16	—	—	—	—	Cir.-s.	1	N	0'3	—	—	—	—	C.S.N.	5	E	2	Cum.	7	ESE	1	Cum.	6	E	1
17	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	8	SE	2	C.N.	8	SE	1	Cum.	8	ESE	2
18	Cir.-s.	3	NE	0'3	—	—	—	—	—	—	—	—	Cum.	5	ESE	1	C.N.	9	E	2	Cum.	9	E	0'5
19	Cir.-s.	3	NE	0'3	—	—	—	—	—	—	—	—	Cum.	4	SE	1	Cum.	6	E	1	—	10	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	SE	4	C.N.	7	E	1	—	10	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	E	1	Cum.	4	E	1	Cum.	7	—	—
22	Cir.-s.	2	S	0'3	Cir.-s.	3	S	0'3	—	—	—	—	Cum.	4	ESE	2	Cum.	4	E	2	Cum.	5	E	1
23	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	SE	1	C.N.	8	E	2	C.N.	8	E	1
24	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	10	SE	4	C.N.	10	E	2	C.N.	10	E	1
25	Cir.-c.	4	N	0'3	—	—	—	—	—	—	—	—	—	0	—	0	C.N.	7	SE	2	Cum.	9	—	—
26	Cir.-c.	2	W	0'3	—	—	—	—	—	—	—	—	Cum.	5	SE	1	C.N.	10	ESE	2	—	7	—	—
27	Cir.-c.	3	N	0'5	—	—	—	—	—	—	—	—	Cum.	4	ESE	1	C.N.	4	E	1	Cum.	8	E	1
28	—	—	—	—	Cir.	2	NE	0'3	—	—	—	—	C.N.	6	ESE	2	Cum.	6	E	2	Cum.	6	ESE	1
29	Cir.-s.	2	W	0'3	—	—	—	—	—	—	—	—	Cum.	3	SE	2	C.N.	9	E	1	Cum.	4	E	1
30	Cir.-c.	3	NE	0'3	Cir.-s.	2	N	0'5	—	—	—	—	Cum.	2	E	1	Cum.	5	E	1	C.N.	9	E	1
31	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	1	Cum.	6	E	1	Cum.	6	E	1
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	5'4	—	1'5	—	7'1	—	1'4	—	7'2	—	—

Day.	WIND.					Vel.	Rain-fall.	REMARKS.				
	Direction and Force.											
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.							
1	Calm	0	E 3	E 4	EbyS 2	Calm	0	ins. 27	Fine most of day, with ∞^2 . \bullet showers a. \angle in W. 8p.			
2	Calm	0	E 1	EbyN 1	NE 1	Calm	0	152	Δ n. Fine all day, with ∞			
3	Calm	0	NE 1	ENE 1	NE 1	Calm	0	126'5	Fine, with ∞ noon-4p. \bullet T ² (6 peals) 5p. \angle^2 in S. 8p.			
4	W 1	Calm	0	E 3	NE 1	Calm	0	101'5	Earthquake 3p., lasting 11 seconds. There were 3 shocks passing NE.-SW.			
5	Calm	0	Calm	0	NE 1	NE 1	Calm	0	76	\approx^0 (mist) on swamp 6a. Fine a.		
6	W 1	SE 1	EbyN 3	EbyN 1	Calm	0	101	101	Ugly 6a. Fine and clear 8a. Overcast, with \bullet , 10a.-4p., then fine.			
7	Calm	0	Calm	0	EbyN 2	Calm	0	76	30 Overcast and very dull. \bullet till 8a. and from 8p.			
8	Calm	0	E 2	EbyN 2	Calm	0	Calm	0	100	Overcast and very dull for the most part.		
9	Calm	0	SE 1	E 3	NE 1	E 2	101'5	101'5	Δ n. \approx^0 (mist) 6a. \angle in W. 8p. \bullet K passing W. 10p.-11p.			
10	Calm	0	E 2	E 1	E 1	Calm	0	76'5	45 \approx^0 (mist) on swamp 6a. Very fine 10a. \bullet early p. Fine later p.			
11	WbyS 1	SE 1	EbyN 1	Calm	0	Calm	0	126	27 \approx^0 (mist) on hills 6a. Dull all day. Ugly in S. at noon.			
12	Calm	0	E 2	E 4	Calm	0	Calm	0	127	\bullet showers to S., ∞^2 6a. Fine, with ∞ , for the most part.		
13	Calm	0	EbyN 2	E 3	E 2	Calm	0	126	180 \approx^0 (mist) on swamp and hills 6a. \bullet showers till 10a., then fine. ∞ at noon.			
14	Calm	0	Calm	0	E 2	E 1	Calm	0	126'5	Overcast most of day. Occasional \bullet showers. ∞ 6p.		
15	Calm	0	E 1	EbyN 1	Calm	0	Calm	0	76'5	30 Δ n. Dull most of day, with ∞ .		
16	Calm	0	E 1	E 1	E 1	SE 1	126'5	126'5	\bullet shower in NE. 6a. Fine all day, with ∞ at times.			
17	SE 1	E 1	E 1	Calm	0	Calm	0	177'5	177'5	\approx^0 (mist) on hills 6a. Distant T in W. 2p. \bullet in S. 4p. K in SW. 8p.		
18	NbyE 1	E 1	E 1	Calm	0	Calm	0	151	151	\approx^0 (mist) on hills 6a. ∞^2 8a. \bullet showers in S. 2p. [ing the water 40 feet high.		
19	Calm	0	E 1	E 2	Calm	0	Calm	0	76	76 Δ n. Squally, with \bullet , 6p. A small whirlwind crossing the upper end of the Bay, lift-		
20	Calm	0	E 1	E 3	EbyN 1	Calm	0	123'5	45 \approx^0 (mist) on N. hills 6a. Fine a. \bullet 4p., distant T in SW. T in W. 6p. \bullet^0 8p.			
21	Calm	0	E 2	E 3	E 2	Calm	0	130'5	27 Dull, with ∞^2 and \approx^0 (mist) on hills, a. Fine from 10a. ∞^2 6p.			
22	Calm	0	E 2	E 3	EbyN 1	Calm	0	156	156	Fine all day, with ∞ .		
23	Calm	0	E 1	E 3	Calm	0	Calm	0	157	157	Dull, with ∞ , 6a. Fine 8a. \bullet p. T in S. 2p. \angle in WSW. 8p.	
24	Calm	0	Calm	0	E 1	Calm	0	Calm	0	91	80	Very dull all day. \approx^0 (mist) on hills. Distant T 2p. \bullet^2 T 8p.
25	Calm	0	SE 1	E 4	Calm	0	Calm	0	101	25	\approx^0 on swamp 6a. \bullet T in S. 2p. \bullet K in S. 4p. \angle in S. 8p.	
26	Calm	0	E 1	ESE 1	Calm	0	Calm	0	76	76	\approx^0 (mist) on hills 6a. \bullet^2 in S. 2p. K 2p.-3p., then overcast.	
27	Calm	0	E 1	E 1	E 1	Calm	0	75'5	75'5	\approx^0 (mist) 6a. Very fine and clear 8a. \bullet T in S. 2p. Fine p.		
28	Calm	0	E 1	E 2	E 1	Calm	0	127'5	127'5	\bullet showers 6a. and 8a., then very fine. \bullet T in S. 4p.		
29	Calm	0	E 1	EbyN 1	E 1	Calm	0	101	101	Fine a. Dull and overcast 2p., with T in SW., then fine again.		
30	Calm	0	E 1	E 1	Calm	0	Calm	0	101	101	Δ n. Fine and clear a. \bullet showers in S. p.	
31	W 1	E 1	EbyS 3	Calm	0	Calm	0	75'5	75'5	∞ 6a. Day fine and clear.		
Mean		0'2	1'1	2'0	0'7	0'1	111'8	5'28				

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.

AUGUST 1886.

Day.	BAROMETER.										TEMPERATURE.					SUN-SHINE.	Vapour Tension.
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.			
1	ins. 30.086	ins. 30.101	ins. 30.106	ins. 30.079	ins. 30.047	ins. 30.042	ins. 30.064	ins. 30.090	ins. 30.109	71.5	89.0	—	70.0	81.7	hours. 9.0	ins. 1.117	
2	30.078	30.088	30.112	30.074	30.024	30.035	30.091	30.085	30.093	72.0	88.5	—	71.2	81.5	7.0	1.161	
3	30.067	30.079	30.077	30.059	30.031	30.016	30.016	30.043	30.055	69.5	89.0	—	68.8	80.7	8.5	.943	
4	30.023	30.051	30.078	30.084	30.072	30.072	30.067	30.097	30.111	73.0	85.0	—	72.0	80.2	7.0	.984	
5	30.085	30.095	30.098	30.070	30.034	30.044	30.073	30.102	30.064	71.5	87.5	—	70.0	80.8	9.0	.744	
6	30.080	30.086	30.082	30.054	30.012	30.008	30.020	30.028	30.047	71.5	87.5	—	70.0	81.1	10.0	.894	
7	30.063	30.057	30.054	30.019	29.996	30.003	30.031	30.065	30.069	73.0	87.5	—	72.0	80.5	8.5	.930	
8	30.090	30.099	30.106	30.095	30.049	30.038	30.065	30.099	30.082	72.0	88.0	—	71.0	81.4	10.0	.815	
9	30.102	30.114	30.118	30.094	30.046	30.034	30.062	30.070	30.069	74.0	89.0	—	72.0	81.9	6.0	.860	
10	30.038	30.058	30.071	30.080	30.012	29.991	29.991	30.028	30.043	72.0	90.0	—	70.5	82.1	6.0	1.060	
11	29.960	29.974	29.985	29.951	29.914	29.918	29.947	29.951	29.951	73.5	90.0	—	72.0	82.3	5.0	.984	
12	30.051	30.053	30.055	30.029	29.909	29.916	29.957	29.973	29.973	74.0	88.0	—	72.5	81.5	4.5	.823	
13	30.063	30.079	30.082	30.055	30.034	30.032	30.061	30.070	30.070	71.5	88.0	—	70.0	81.6	6.0	.823	
14	30.094	30.113	30.118	30.087	30.022	30.027	30.063	30.079	30.089	75.0	85.8	—	72.5	81.0	6.0	.807	
15	30.071	30.070	30.071	30.081	30.096	30.093	30.081	29.975	29.890	74.0	79.5	—	68.0	77.4	0.0	.818	
16	29.973	30.017	30.007	29.991	29.991	30.013	30.022	30.022	30.022	74.0	83.0	—	72.5	78.6	0.0	.961	
17	30.003	30.010	30.014	30.068	30.080	30.080	30.090	29.987	29.979	75.0	86.0	—	72.0	80.2	10.0	.863	
18	29.944	30.018	30.010	29.942	29.893	29.924	29.962	29.977	29.984	73.0	87.0	—	70.0	80.5	10.5	.868	
19	30.077	30.068	30.066	30.026	29.995	29.966	29.963	29.965	29.993	74.0	85.0	—	71.0	79.8	1.5	.848	
20	30.085	30.093	30.096	30.078	30.062	30.041	30.058	30.073	30.085	73.0	89.0	138.0	71.0	80.2	7.0	.865	
21	30.064	30.068	30.060	30.045	30.060	30.061	30.092	30.063	30.063	72.0	89.0	145.0	73.0	81.1	10.5	.871	
22	30.032	29.943	29.951	30.030	29.916	29.911	29.939	29.969	29.985	75.0	91.0	146.0	73.0	81.3	8.0	.732	
23	29.981	30.006	30.010	29.990	29.980	29.973	30.004	30.037	30.045	76.5	89.0	147.0	73.0	81.8	7.0	.820	
24	30.070	30.094	30.097	30.074	30.058	30.051	30.063	30.086	30.087	73.0	88.0	145.0	71.0	82.1	9.5	.874	
25	30.071	30.091	30.095	30.047	30.030	30.032	30.047	30.053	30.053	73.0	88.0	140.0	70.5	81.3	5.0	.854	
26	29.982	30.047	30.048	30.012	29.970	29.950	29.968	29.990	29.990	71.0	92.0	146.5	69.5	82.2	9.0	.934	
27	30.020	30.030	30.034	30.045	29.999	29.999	30.044	30.058	30.064	73.0	93.0	145.0	71.0	83.1	8.0	.796	
28	30.045	30.072	30.085	30.058	30.013	30.037	30.046	30.066	30.071	73.0	92.0	147.0	72.0	83.3	8.5	.769	
29	30.039	30.051	30.047	30.020	29.975	29.977	30.025	30.036	30.036	73.0	90.0	145.0	71.0	83.2	7.0	.764	
30	30.048	30.075	30.070	30.056	30.010	30.030	30.055	30.051	30.049	72.0	91.0	147.5	70.0	82.8	8.5	.701	
31	30.101	30.121	30.131	30.104	30.062	30.076	30.085	30.127	30.138	73.0	90.0	146.0	70.5	82.8	10.5	.788	
Mean	30.016	30.034	30.042	30.019	29.981	29.984	30.002	30.022	30.028	73.0	88.2	—	71.2	81.3	223.0	.875	

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	75.0	74.0	79.0	77.0	80.0	79.0	86.0	84.0	86.0	84.5	81.0	78.0	80.0	76.5	77.5	75.0
2	74.8	73.5	78.5	76.0	82.0	80.5	84.5	82.5	83.0	81.5	82.0	80.5	77.5	77.0	77.0	76.0
3	71.5	70.5	78.0	76.0	83.8	82.5	78.8	78.0	80.5	80.5	82.5	80.5	77.5	77.0	78.0	76.5
4	77.0	76.0	80.0	78.0	81.0	79.5	83.0	80.5	75.0	73.5	74.0	72.5	75.2	74.0	74.5	72.5
5	74.0	73.0	75.5	74.5	80.0	74.0	84.5	76.0	86.0	78.0	84.0	77.5	81.5	76.0	80.0	77.8
6	73.5	72.5	79.8	76.0	83.8	78.0	85.0	79.5	85.5	77.0	81.5	77.5	81.0	76.0	79.0	76.4
7	75.5	74.5	78.8	77.0	82.0	80.0	84.5	80.0	83.5	80.0	80.0	77.0	78.0	76.0	77.5	76.0
8	74.5	73.5	78.5	74.0	82.5	75.0	85.5	78.0	86.0	78.0	83.5	76.8	82.5	76.5	80.0	76.0
9	78.0	75.0	82.0	77.5	85.0	76.0	85.5	77.0	86.0	79.0	84.5	78.0	78.5	77.0	79.5	77.0
10	75.0	74.0	81.0	78.5	82.5	81.5	86.0	83.0	83.0	80.5	82.5	80.5	82.0	81.0	79.0	77.5
11	76.0	75.0	82.0	80.0	83.0	81.0	83.0	80.5	82.0	78.0	77.5	74.0	78.0	77.0	80.0	77.5
12	75.5	75.0	79.8	78.0	82.5	80.0	85.0	78.0	85.0	79.6	82.0	80.0	77.2	74.5	76.5	75.0
13	74.5	73.0	78.5	76.0	84.0	80.5	85.0	78.0	82.0	78.0	81.5	77.5	79.5	76.0	78.0	75.0
14	77.5	76.0	80.0	78.0	78.5	74.0	82.0	76.5	85.8	80.8	82.5	76.0	78.0	75.5	71.8	75.0
15	76.0	75.0	76.4	75.0	74.4	76.0	74.0	73.0	74.8	73.0	75.5	74.0	76.8	75.0	75.0	75.0
16	75.2	74.5	80.0	78.0	77.5	77.5	79.8	78.8	81.8	79.5	83.0	79.5	77.0	78.5	77.6	75.0
17	76.8	75.0	85.5	79.5	83.0	78.5	84.0	78.5	84.0	78.0	83.4	78.0	81.0	77.0	78.5	75.0
18	73.8	73.0	83.0	78.0	85.3	79.0	85.2	78.0	83.5	78.0	80.0	76.0	78.0	75.0	74.0	74.5
19	75.2	74.5	78.0	77.0	80.2	77.0	83.0	78.0	81.0	77.0	78.0	76.0	77.0	76.0	77.0	74.5
20	75.0	74.0	77.3	76.0	83.0	79.0	88.0	80.0	88.5	79.9	83.0	78.4	80.8	77.0	78.4	75.0
21	78.0	76.0	84.8	79.2	86.5	79.5	85.0	79.0	82.4	78.2	81.2	77.8	77.5	74.8	75.8	74.6
22	76.5	75.0	80.0	77.0	83.5	76.4	89.0	86.8	78.8	78.8	84.0	77.8	82.0	77.0	81.8	75.0
23	79.0	77.8	81.0	78.0	85.0	79.0	86.5	78.5	87.0	80.0	83.4	79.6	83.0	77.5	81.0	77.0
24	77.0	76.0	83.0	79.0	85.8	80.0	86.3	79.5	85.0	79.8	86.8	78.0	80.0	76.8	79.0	75.0
25	75.5	74.5	81.5	77.5	87.5	76.0	74.7	74.5	83.0	78.8	81.5	77.3	78.2	77.0	77.8	75.0
26	73.5	73.0	78.2	76.5	85.0	79.0	88.3	81.5	87.5	78.0	84.0	78.5	80.5	76.0	78.5	75.0
27	75.0	74.0	80.5	78.0	87.5	80.2	89.5	79.0	89.0	79.8	85.5	77.2	77.5	77.0	79.8	75.0
28	75.8	75.2	82.2	79.5	85.5	77.8	90.0	78.6	88.0	80.4	80.8	76.8	79.0	76.0	78.0	75.0
29	75.0	74.0	79.0	78.0	87.0	79.8	87.4	77.6	87.0	77.5	82.0	76.7	79.0	74.8	79.0	75.0
30	73.8	72.8	78.2	76.2	84.5	78.8	85.8	79.4	89.2	78.0	79.5	78.5	78.0	76.0	78.0	75.0
31	75.2	74.0	81.5	78.5	85.5	78.0	87.3	78.0	82.0	76.5	82.5	75.2	82.0	75.0	78.0	74.0
Mean	75.4	74.2	80.2	77.2	82.8	78.4	84.5	78.7	84.4	78.9	82.0	77.1	79.4	76.0	78.3	75.5

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

AUGUST 1886.

UPPER CLOUDS.													LOWER CLOUDS.												
Day.	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.				
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	
1	Cir.	2	W	0'5	—	—	—	—	—	—	—	—	Cum.	4	E	1	C.N.	8	E	2	Nim.	10	E	1	
2	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	1	C.N.	8	E	1	—	10	—	—	
3	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	6	E	2	C.N.	10	E	2	Nim.	10	—	—	
4	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	E	2	C.N.	10	E	2	C.N.	7	—	—	
5	Cir.	3	NW	0'5	Cir.	1	NW	0'5	—	—	—	—	Cum.	5	E	1	Cum.	5	E	2	C.N.	9	—	—	
6	—	—	—	—	Cir.	2	SW	0'3	—	—	—	—	Cum.	7	E	1	Cum.	4	E	2	Cum.	6	E	1	
7	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	NE	2	Cum.	8	E	2	C.N.	10	—	—	
8	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	E	1	Cum.	6	E	2	Cum.	8	E	1	
9	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	ESE	4	C.N.	7	ENE	3	Cum.	6	E	1	
10	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	SE	2	C.N.	7	E	2	Cum.	8	E	1	
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	NE	4	C.N.	9	E	2	—	10	—	—	
12	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	9	E	2	C.N.	8	E	2	C.N.	9	—	—	
13	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	E	2	C.N.	8	E	1	Cum.	3	—	—	
14	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	2	C.N.	10	ENE	2	C.N.	8	—	—	
15	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	EbyS	7	Nim.	10	E	6	Nim.	10	—	—	
16	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	E	3	C.N.	10	SE	2	C.N.	10	—	—	
17	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	2	Cum.	6	E	2	Cum.	4	—	—	
18	Cir.	3	NW	0'5	Cir.-s.	4	WbyS	1	—	—	—	—	Cum.	4	E	2	Cum.	5	E	2	Nim.	10	—	—	
19	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	E	2	C.N.	10	ESE	1	—	10	—	—	
20	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	SE	3	C.N.	9	E	1	—	10	—	—	
21	Cir.-c.	2	SW	0'3	Cir.-s.	1	WSW	0'3	—	—	—	—	Cum.-s.	2	EbyS	5	C.N.	8	E	2	Cum.	4	ESE	1	
22	Cir.-s.	3	SW	0'5	Cir.-s.	2	SW	0'5	—	—	—	—	Cum.	4	SE	6	Cum.	7	ESE	2	C.N.	5	—	—	
23	Cir.-s.	3	NE	0'3	Cir.-c.	3	ESE	0'5	—	—	—	—	C.N.	6	ESE	4	C.N.	5	SE	3	—	5	—	—	
24	Cir.-s.	1	WNW	0'5	Cir.	2	SW	0'5	—	—	—	—	Cum.	8	SE	4	Cum.	5	E	2	Cum.	3	—	—	
25	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	5	E	2	C.N.	9	E	4	—	5	—	—	
26	Cir.-c.	2	WbyS	4	Cir.-c.	1	SW	0'3	—	—	—	—	Cum.-s.	4	E	1	Cum.	6	NE	1	Cum.	5	NE	2	
27	Cir.	3	NW	0'3	—	—	—	—	—	—	—	—	—	0	—	—	Cum.	6	ENE	1	C.N.	5	—	—	
28	Cir.	1	N	0'3	Cir.-s.	1	SW	0'3	—	—	—	—	Cum.	4	SE	1	C.N.	8	SE	2	C.N.	5	—	—	
29	—	—	—	—	Cir.-c.	4	NE	0'3	—	—	—	—	Str.	3	SE	2	C.N.	6	E	4	C.N.	5	—	—	
30	Cir.-c.	3	NE	0'3	Cir.-c.	3	NNE	0'3	—	—	—	—	Cum.-s.	5	SE	2	C.N.	6	ESE	1	Cum.	4	—	—	
31	Cir.-s.	2	NNW	0'5	Cir.-s.-c.	4	NW	0'5	—	—	—	—	Cum.	3	ESE	4	Cum.	5	HSE	4	C.N.	7	—	—	
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	6'1	—	2'5	—	7'4	—	2'2	—	7'1	—	—	

Day.	BAROMETER.										TEMPERATURE.				Sun- SHINE.	Vapour Tension.	
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.				Earth.
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.				
1	ins. 30° 109	ins. 30° 101	ins. 30° 121	ins. 30° 110	ins. 30° 056	ins. 30° 041	ins. 30° 054	ins. 30° 110	ins. 30° 053	72° 5	90° 0	143° 0	71° 5	82° 5	hours. 6° 5	ins. 782	
2	° 078	° 086	° 102	° 090	30° 025	° 037	° 051	° 043	° 039	69 0	88° 0	147° 0	67° 5	81° 5	7° 0	° 725	
3	° 045	° 059	° 054	30° 028	29° 987	30° 017	30° 005	° 021	° 039	70° 0	84° 0	103° 0	68° 0	80° 8	6° 5	° 759	
4	30° 001	30° 027	° 015	29° 983	° 959	29° 984	29° 982	° 007	° 034	70° 0	89° 0	146° 0	68° 0	80° 9	4° 0	° 779	
5	29° 997	29° 999	° 016	29° 988	° 964	° 971	29° 997	° 034	° 043	71° 0	88° 0	153° 0	69° 0	81° 3	4° 0	° 854	
6	30° 021	30° 053	° 060	30° 021	29° 988	29° 991	30° 030	° 057	° 049	70° 0	89° 0	145° 0	68° 0	81° 9	11° 5	° 812	
7	° 052	° 065	° 074	° 052	30° 018	30° 010	° 019	° 066	° 125	71° 0	87° 0	143° 0	70° 0	82° 1	10° 0	° 854	
8	° 059	° 070	° 077	° 005	29° 968	° 011	° 011	° 031	° 041	71° 0	88° 0	149° 0	68° 5	81° 4	4° 0	° 871	
9	° 037	° 075	° 084	° 060	30° 018	° 006	° 006	° 044	° 051	72° 0	90° 0	145° 8	69° 5	81° 9	5° 0	° 846	
10	° 065	° 113	° 128	° 043	° 049	° 043	° 076	° 112	° 119	73° 0	89° 0	143° 0	72° 0	82° 1	7° 0	° 854	
11	° 120	° 148	° 157	° 122	° 062	° 051	° 067	° 099	° 094	74° 0	89° 0	150° 5	72° 0	81° 8	10° 5	° 733	
12	° 081	° 101	° 116	° 082	° 045	30° 026	° 037	° 069	° 080	74° 0	90° 0	142° 0	69° 5	82° 0	11° 5	° 756	
13	° 043	° 068	° 066	° 040	30° 024	29° 974	30° 003	° 045	° 056	70° 5	87° 0	146° 0	68° 5	81° 8	10° 0	° 854	
14	30° 017	30° 020	30° 037	30° 023	29° 969	° 959	29° 983	30° 003	30° 021	71° 0	89° 0	143° 0	69° 0	81° 8	9° 0	° 832	
15	29° 989	29° 991	29° 994	29° 990	° 943	° 929	° 935	29° 942	29° 960	70° 0	89° 0	147° 5	69° 0	81° 8	10° 5	° 754	
16	° 885	° 883	° 878	° 846	° 794	° 792	° 800	° 811	° 818	74° 0	89° 0	144° 0	73° 0	81° 8	7° 0	° 851	
17	° 810	° 863	° 885	° 884	° 832	° 843	° 868	° 890	° 904	74° 0	88° 0	124° 0	73° 0	82° 0	5° 0	° 915	
18	° 900	° 942	° 970	° 924	° 907	° 902	° 908	° 908	° 926	74° 0	86° 0	141° 0	72° 0	82° 0	9° 0	° 793	
19	° 961	° 968	° 970	° 931	° 896	° 920	° 923	° 921	° 931	73° 0	88° 0	135° 0	72° 0	82° 0	11° 0	° 918	
20	° 911	° 923	° 939	° 888	° 824	° 836	° 866	° 875	° 882	72° 0	90° 0	145° 0	70° 0	82° 0	9° 0	° 774	
21	° 854	° 870	° 862	° 822	° 790	° 726	° 801	° 804	° 869	71° 0	89° 0	130° 0	71° 5	82° 0	10° 0	° 883	
22	° 864	° 881	° 890	° 857	° 866	° 814	° 852	° 880	° 889	74° 0	94° 0	145° 2	72° 5	82° 2	7° 5	° 761	
23	° 906	° 934	° 936	° 909	° 872	° 872	° 895	° 922	° 966	74° 0	94° 0	140° 5	72° 5	82° 6	8° 5	° 902	
24	° 944	29° 969	29° 960	° 953	° 889	° 918	° 970	° 987	° 991	75° 0	94° 0	152° 0	73° 0	82° 9	9° 0	° 880	
25	° 981	30° 000	30° 000	° 971	° 923	° 921	° 955	° 967	° 967	72° 0	93° 0	150° 0	70° 5	83° 0	10° 0	° 977	
26	° 935	29° 973	30° 002	° 981	° 923	° 905	° 916	° 951	° 964	72° 0	80° 0	—	72° 0	82° 9	0° 5	° 877	
27	° 945	29° 988	29° 976	° 937	° 898	° 910	29° 926	29° 959	29° 971	70° 5	91° 0	147° 5	68° 0	82° 2	9° 0	° 804	
28	29° 997	30° 013	30° 016	° 991	° 950	° 983	30° 013	30° 026	30° 061	75° 0	94° 0	148° 0	73° 0	82° 2	7° 0	° 830	
29	30° 007	° 013	° 014	° 078	° 043	° 923	29° 947	29° 983	29° 988	71° 2	88° 4	142° 5	69° 5	82° 2	8° 0	° 840	
30	29° 991	30° 019	30° 030	29° 998	29° 958	29° 950	29° 964	30° 013	30° 023	71° 0	89° 0	146° 0	68° 0	82° 2	8° 5	° 840	
Mean	29° 987	30° 007	30° 014	29° 984	29° 943	29° 941	29° 963	29° 986	29° 999	72° 1	89° 1	—	70° 4	82° 0	236° 0	° 834	

DRY-BULB AND WET-BULB THERMOMETERS.																		
Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	74°5	73°0	79°8	76°0	86°2	79°8	79°0	74°8	84°0	78°0	78°6	75°0	75°5	73°0	73°0	71°0	72°5	71°0
2	71°5	70°5	79°0	75°0	81°0	76°0	83°0	75°0	84°0	79°0	81°4	75°0	74°0	72°2	72°5	71°8	72°0	71°5
3	71°5	70°8	79°8	75°0	82°0	76°0	80°0	74°9	81°5	75°2	77°0	73°0	74°0	72°2	72°0	70°0	71°5	70°0
4	72°0	71°0	79°0	76°0	84°0	77°8	87°8	78°0	83°8	75°8	73°2	71°5	70°0	70°0	72°8	71°0	73°0	71°0
5	74°0	72°0	80°0	76°0	83°8	77°5	85°0	79°0	81°8	76°5	78°0	73°0	76°0	73°0	74°0	72°0	73°5	73°0
6	72°5	71°3	77°8	74°8	84°8	78°0	87°0	78°5	86°5	78°5	85°5	78°0	80°0	74°0	76°0	74°5	75°5	74°0
7	73°5	72°5	78°8	76°2	84°5	78°5	86°0	79°0	84°0	78°0	84°6	78°0	81°5	76°0	79°0	76°5	78°0	76°5
8	73°0	72°0	80°0	76°0	84°5	78°2	85°0	79°0	87°0	79°0	75°0	72°5	78°0	73°5	78°0	74°0	77°0	75°5
9	72°3	72°0	80°0	76°5	86°5	84°0	85°0	78°5	83°0	77°4	83°0	79°3	81°0	76°5	77°0	75°0	76°0	74°5
10	74°0	73°2	79°2	77°8	87°5	82°0	86°0	79°0	87°0	79°8	87°0	78°0	82°0	76°0	80°0	73°0	78°0	76°0
11	75°0	74°0	83°5	79°5	86°2	78°4	88°0	77°0	86°5	78°0	86°0	76°8	80°6	76°0	80°0	76°0	79°0	76°0
12	75°8	73°8	81°0	76°5	88°0	81°0	86°6	77°0	85°5	75°5	86°5	75°0	80°0	75°0	77°5	74°0	77°0	75°0
13	72°0	71°0	78°2	75°3	80°0	77°5	84°5	78°5	85°0	77°0	83°0	75°2	80°5	75°0	75°0	73°0	74°5	73°0
14	71°4	71°0	80°0	77°0	82°0	76°5	78°0	76°5	85°0	77°0	83°5	75°5	79°0	74°0	77°0	73°5	76°0	73°5
15	72°0	71°0	79°5	76°6	85°0	78°4	85°8	77°0	88°0	77°0	83°0	77°0	80°4	76°0	78°0	75°0	77°0	75°5
16	75°0	74°5	78°5	77°0	83°0	79°5	86°3	79°0	86°0	79°8	85°0	78°0	80°4	76°5	77°5	76°0	77°0	76°0
17	75°0	74°0	80°0	77°2	82°2	78°2	85°2	80°0	86°2	78°4	85°0	77°5	82°8	77°0	81°0	77°0	80°0	77°5
18	76°0	75°0	78°5	75°0	81°0	77°5	84°8	77°0	83°4	77°6	81°0	75°0	79°0	75°0	77°0	75°0	76°0	74°5
19	75°0	74°0	78°0	75°0	83°0	78°0	85°0	80°0	85°5	77°0	84°0	77°5	79°0	75°0	77°0	75°0	76°5	75°0
20	72°2	71°8	76°5	75°0	85°2	78°0	88°0	78°0	87°4	79°5	82°5	77°0	80°0	76°0	78°0	76°0	77°5	76°0
21	75°0	74°0	82°4	77°5	84°8	78°0	87°0	80°0	85°2	78°8	83°0	77°0	81°0	77°0	79°0	76°0	77°0	74°5
22	77°0	75°0	82°0	77°0	88°5	81°0	89°0	78°0	86°8	80°0	84°2	78°5	82°0	78°0	78°0	77°0	77°0	75°5
23	78°0	77°0	82°0	78°5	81°0	81°0	90°0	82°5	86°8	79°5	83°0	77°8	82°0	77°0	78°0	75°5	77°0	76°0
24	76°5	75°5	85°0	82°0	86°0	82°0	92°2	81°8	87°8	77°0	82°5	77°2	80°0	77°5	77°0	76°0	76°5	75°0
25	73°2	72°2	81°0	77°8	87°0	84°2	90°0	83°0	89°0	77°0	85°8	78°0	81°0	76°5	78°0	76°0	77°0	75°5
26	74°0	73°5	74°8	75°0	77°5	74°0	77°0	76°0	79°8	76°8	77°0	75°0	75°0	74°0	74°2	73°5	73°5	72°0
27	71°4	71°0	77°5	75°8	85°8	77°8	88°4	78°8	90°0	80°6	82°0	78°8	79°0	78°0	78°0	77°0	77°5	76°0
28	76°0	75°0	84°0	79°8	87°2	79°8	90°0	81°0	81°0	76°0	77°8	76°0	77°5	76°0	77°0	76°0	76°5	75°0
29	73°0	72°5	80°0	78°0	85°6	78°6	85°8	78°6	84°0	78°0	85°0	78°0	80°2	74°0	79°0	75°5	78°0	74°5
30	71°5	70°5	79°2	76°5	86°0	78°0	86°2	78°8	85°5	78°5	83°0	77°6	79°8	75°0	77°0	73°5	76°0	74°5
Mean	73°8	72°8	79°8	76°6	84°7	78°7	85°8	78°4	85°3	77°9	82°2	76°4	79°1	75°2	76°9	74°6	76°1	74°4

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

SEPTEMBER 1886.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	Cir.-c.	2	E	0.5	—	—	—	—	—	—	—	—	Cum.-s.	3	ENE	3	C.N.	9	E	3	C.N.	5	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	E	6	C.N.	9	E	3	—	10	—	—
3	Cir.-c.	1	N	0.5	Cir.-s.	2	ENE	0.5	—	—	—	—	Cir.-s.	8	SE	2	C.N.	6	ESE	2	—	10	—	—
4	Cir.-s.	4	S	0.3	—	—	—	—	—	—	—	—	Cum.	3	E	3	C.N.	9	E	2	Cum.	5	E	2
5	Cir.-s.	3	SE	0.5	—	—	—	—	—	—	—	—	St	3	E	1	C.N.	9	E	3	Cum.	7	E	1
6	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	E	5	Cum.	7	E	1	Cum.	7	E	6
7	—	—	—	—	Cir.-s.	3	NNW	0.5	—	—	—	—	C.N.	9	E	2	Cum.	6	E	4	Cum.	9	E	3
8	Cir.-s.	2	E	1	Cir.-s.	2	ESE	0.5	—	—	—	—	Cum.	3	ENE	4	Cum.	5	E	2	Cum.	5	E	1
9	—	—	—	—	Cir.-s.	—	SW	0.5	—	—	—	—	Cum.	3	E	4	Cum.	4	ESE	2	Cum.	6	E	1
10	Cir.-c.	3	S	0.3	—	—	—	—	—	—	—	—	Cum.	5	E	6	Cum.	6	E	3	Cum.-s.	4	E	3
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	5	Cum.	6	EbyN	5	Cum.	4	NE	2
12	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	3	C.N.	7	E	3	Cum.	3	NE	2
13	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	3	NE	1	C.N.	9	ENE	3	Cum.	5	E	3
14	—	—	—	—	Cir.-s.	2	NNW	0.5	—	—	—	—	Cum.-s.	5	E	3	Cum.	5	E	2	Cum.	5	E	2
15	Cir.-s.	1	NW	0.3	Cir.-s.	2	SW	0.3	—	—	—	—	Cum.	4	ENE	2	Cum.	6	NE	2	Cum.	7	NE	4
16	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	NE	4	C.N.	8	E	4	C.N.	8	NE	2
17	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	10	S	3	C.N.	9	S	3	—	10	—	—
18	—	—	—	—	Cir.-s.	3	S	0.3	—	—	—	—	C.S.N.	10	S	1	Cum.	5	ESE	1	Cum.	8	—	—
19	Cir.-c.	3	N	0.3	Cir.-c.	3	NW	0.5	—	—	—	—	C.N.	6	E	2	Cum.	6	E	2	Nim.	10	—	—
20	Cir.-s.	6	NW	1	—	—	—	—	—	—	—	—	Cum.	3	N	4	Cum.	6	NE	3	—	10	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	NNW	6	Cum.	8	NW	3	C.N.	10	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	NbyW	9	C.N.	7	WNW	2	C.N.	10	—	—
23	—	—	—	—	Cir.	2	NE	0.5	—	—	—	—	Cum.	7	NNW	3	C.N.	6	NE	2	C.N.	9	—	—
24	Cir.-c. s.	7	SSW	0.5	—	—	—	—	—	—	—	—	—	0	—	—	C.N.	8	NNW	1	—	10	—	—
25	—	—	—	—	Cir.-s.	4	ENE	0.5	—	—	—	—	Nim.	10	—	—	Cum.	4	NW	1	Cum.	4	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	9	NW	2	Cum.	6	—	—
27	—	—	—	—	Cir.-s.	1	S	0.5	—	—	—	—	Nim.	10	—	—	Cum.	7	W	1	Cum.	4	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	4	C.N.	10	ESE	2	Cum.	6	E	2
29	Cir.-s.	3	SW	0.5	—	—	—	—	—	—	—	—	C.N.	6	—	—	Cum.	8	E	1	Cum.	6	ENE	2
30	Cir.-s.	3	E	1	—	—	—	—	—	—	—	—	Cum.	2	E	2	Cum.	8	E	2	Cum.	2	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	5.6	—	—	—	7.1	—	2.3	—	6.8	—	—

Day.	WIND.					Vel.	Rain-fall.	REMARKS.
	Direction and Force.							
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
1	W 1	SbyE 1	E 3	Calm 0	Calm 0	miles. 206	ins. —	D. n. T (every 30 seconds) 11.45 a. T 2p. K ² 6p. (< ² every 3 seconds). Flash < [in E. 8p.]
2	Calm 0	E 3	E 3	Calm 0	Calm 0	111	*24	☉ from E. 6a. ☼ ¹ (mist) on hills 8a. ☉ ² from E. Very squally 4p.
3	Calm 0	E 3	E 1	Calm 0	Calm 0	81	*17	☼ ¹ (mist) on hills 6a. Very dark p., with ☉ ² T in SW.
4	Calm 0	E 2	SEbyE 3	NNE 1	Calm 0	115.5	—	☼ ¹ (mist) on hills 6a. Fine till noon. ☉ ² T in S. 2p. K passing S.—N. 4p.—6p.
5	Calm 0	SE 1	E 3	Calm 0	Calm 0	110	—	D. n. ☼ ¹ (mist) on swamp 6a. Fine till noon. ☉ T in S. p. Dull.
6	W 1	SE 1	ESE 3	SE 1	Calm 0	88.5	—	D. n. ☼ ¹ (mist) on swamp 6a. T (one peal in NE.) 10.45 a. T ☉ in S. p.
7	W 1	ESE 2	ESE 3	Calm 0	Calm 0	146	*37	☼ ¹ (mist) on hills a. Fine till 4p. ☉ ² in E., with < ² 6p. K in S. 8p.
8	Calm 0	E 1	SE 1	Calm 0	ENE 1	126	*31	☼ ¹ on swamp 6a. ☉ ² 9a. T in N., with ☉ showers, noon. ∞ ² 8p.
9	W 1	ESE 1	W 2	ESE 1	Calm 0	75	—	☼ ¹ on swamp and hills 6a. Day fine, with ∞.
10	W 1	SW 1	E 3	ESE 2	ESE 1	77	*58	☼ ¹ (mist) on hills and swamp 6a. Fine p., with ∞ ² .
11	W 1	ENE 1	SE 1	ENE 2	N 1	157	—	☉ shower in E. 8a. Fine all day, with ∞ ² .
12	Calm 0	S 1	EbyS 3	NNE 1	Calm 0	79	—	D. n. ☼ ¹ on swamp 6a. Fine all day, with ∞ at times.
13	W 1	NE 1	NNE 2	Calm 0	Calm 0	108	*40	☼ ¹ (mist) on swamp 6a. Fine 8a. ☉ 10a. ☉ ² showers from NE., T 1p. Dull 6p.
14	W 1	Calm 0	ESE 1	Calm 0	Calm 0	81	*35	D. n. ☼ ¹ on swamp 6a. ☉ showers till noon. Fine p.
15	W 1	ENE 2	NE 2	ENE 1	Calm 0	81	—	☼ ¹ on swamp 6a. Fine all day. ☉ in S. 2p. 4.15p.
16	Calm 0	NW 1	SE 1	Calm 0	Calm 0	86	*92	☼ ¹ (mist) on hills and swamp a. Dull day. ☉ in S. p. < in S. 8p.
17	Calm 0	E 1	S 1	ESE 3	ESE 3	75	—	☼ ¹ (mist) on hills and swamp 6a. Dull and overcast a. Fine p.
18	WbyS 1	E 1	NW 1	Calm 0	Calm 0	102	*08	☼ ¹ (mist) on hills and swamp 6a. Dull and overcast p.
19	W 1	Calm 0	NE 1	Calm 0	Calm 0	75	*50	☼ ¹ (mist) on hills and swamp a. Day fine. ☉ from 8p.
20	W 1	SW 1	W 1	Calm 0	Calm 0	97	*14	☼ ¹ on swamp 6a. Very fine a. Overcast 4p., with ☉ ² to W.
21	W 1	WbyN 1	WbyS 1	Calm 0	Calm 0	96	—	☼ ¹ (mist) on hills 6a. Fine till 2p., then dull, with ☉ in W.
22	WNW 1	SSW 1	NW 3	S 3	Calm 0	101	—	☼ ¹ on swamp a. Very fine 10a. < ² T in S. p. K in SW. 8p., in S. 10p.
23	W 1	W 1	NNE 1	SSW 1	Calm 0	76	—	☼ ¹ (mist) on hills a. Sultry at noon. ☉ ² T < in S. p.
24	W 1	E 1	ENE 3	Calm 0	Calm 0	55	—	☼ ¹ on swamp 6a. Fine a. Very dark, with ☉ ² T < in S. p.
25	W 0.5	Calm 0	NNW 3	Calm 0	Calm 0	69	—	☼ ¹ 6a. Fine all day. < in S. 6p.
26	Calm 0	Calm 0	WNW 1	W 1	Calm 0	92	2.00	T in NE. 6a. ☉ till noon. ☼ ¹ (mist) on hills from 4p.
27	W 0.5	SW 1	E 1	Calm 0	Calm 0	68	—	☼ ¹ 6a. Fine till 4.30p., then ☉ from NE. till 6p. Very fine 8p.
28	SE 1	E 2	ESE 3	Calm 0	Calm 0	88	*02	☼ ¹ (mist) on hills 6a. Fine till noon. Very dark with ☉ ² T in S. 2p. K ☉ in N. 3p.
29	Calm 0	E 2	E 3	NE 1	Calm 0	66	*05	☼ ¹ on swamp 6a. Day fine. ☉ showers in S. 6p.
30	Calm 0	ESE 2	E 2	Calm 0	E 2	116	—	D. n. ☼ ¹ on swamp 6a. Fine, with ∞, 8a. ☼ ¹ (mist) on N. hills 2p. < in S. 6p.
Mean	0.6	1.2	2.0	0.6	0.3	98.8	6.13	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.

OCTOBER 1886.

Day.	BAROMETER.										TEMPERATURE.					SUN-SHINE.	Vapour Tension.
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.				
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.						hours.	ins.	
1	29.998	30.042	30.046	30.018	29.982	29.997	30.008	30.051	30.049	71.5	87.0	144.0	70.0	82.2	10.5	ins. 83.4	
2	29.979	30.049	30.060	30.039	30.024	30.006	30.031	30.061	30.067	71.0	88.0	153.0	67.5	82.2	10.0	83.3	
3	30.037	30.065	30.074	30.050	30.033	29.990	30.024	30.023	30.049	71.5	89.0	139.0	70.0	82.0	8.5	81.0	
4	29.963	29.993	29.999	29.945	29.924	89.8	29.930	29.945	29.971	73.0	88.0	150.0	71.5	82.0	8.0	88.3	
5	957	29.970	29.994	937	920	943	951	29.983	30.009	74.0	89.0	142.5	71.5	82.0	6.0	87.4	
6	29.999	30.020	30.036	29.991	972	947	992	30.039	045	74.0	89.0	139.0	71.5	82.0	5.0	88.0	
7	30.029	044	040	30.010	970	968	992	30.020	041	74.0	89.0	140.0	71.0	82.0	9.5	88.3	
8	30.011	030	048	29.992	967	962	970	29.996	009	72.0	88.0	143.0	71.5	82.0	10.0	84.8	
9	29.987	020	039	995	957	952	962	29.997	018	72.0	89.0	141.0	69.0	82.0	11.0	73.8	
10	990	019	025	984	959	949	968	30.018	025	74.0	89.0	141.0	71.0	82.0	10.0	75.4	
11	29.993	030	032	998	956	915	968	30.030	30.031	73.0	90.0	141.0	71.0	82.2	10.5	75.1	
12	30.003	30.027	30.013	957	930	928	925	29.967	29.989	72.0	90.0	141.0	70.5	82.1	10.0	75.9	
13	29.945	29.983	29.988	954	926	915	928	954	977	71.0	87.0	145.0	69.0	82.0	10.0	65.5	
14	954	29.979	29.990	29.970	930	930	946	969	29.972	67.5	88.0	143.8	65.0	82.0	10.5	57.4	
15	29.995	30.035	30.050	30.012	978	29.973	29.983	29.973	30.023	69.0	87.0	142.0	67.8	81.7	10.5	74.1	
16	30.029	061	049	022	29.999	30.012	30.027	30.048	059	66.0	87.0	146.0	64.5	81.6	10.5	63.3	
17	074	077	100	069	30.033	30.040	058	032	077	68.0	89.0	101.0	66.0	81.3	10.5	76.4	
18	054	085	086	30.036	30.011	29.992	30.017	30.029	053	67.0	89.0	121.0	65.5	81.0	11.0	84.0	
19	30.011	30.026	30.027	29.980	935	29.959	29.989	30.014	71.0	90.0	132.0	69.0	81.0	8.5	81.8		
20	29.941	29.953	29.910	910	812	919	912	29.947	70.0	89.0	144.0	69.0	81.0	7.0	81.0		
21	888	911	900	895	803	785	779	780	780	69.5	78.0	96.0	69.0	80.7	0.2	80.7	
22	807	828	782	703	622	706	752	781	72.0	79.0	—	69.5	80.0	0.2	79.3		
23	741	779	764	745	705	706	719	718	70.5	62.0	141.5	68.5	80.1	9.0	88.3		
24	818	848	866	825	807	790	813	877	972	70.5	91.0	141.0	69.0	80.1	9.5	88.3	
25	910	29.953	29.968	29.949	915	918	928	29.982	29.988	72.0	84.0	132.0	71.5	80.1	4.5	85.1	
26	990	30.023	30.037	30.004	952	956	982	30.023	30.019	71.0	92.0	140.5	70.0	80.1	8.5	87.4	
27	967	29.987	29.994	29.960	918	904	914	29.955	29.987	73.5	87.0	129.0	71.5	80.1	7.0	91.5	
28	928	29.963	29.962	923	889	884	919	29.927	29.973	73.0	85.0	137.5	71.0	80.3	8.0	79.3	
29	29.989	30.018	30.018	29.978	937	943	969	30.015	30.029	72.5	88.0	146.5	70.0	80.3	11.0	86.8	
30	30.035	069	062	30.026	999	961	30.003	30.027	035	71.5	88.0	144.0	69.5	80.4	10.5	70.4	
31	30.018	30.039	30.044	30.010	29.978	29.960	29.970	29.992	30.017	68.5	87.0	150.5	66.5	80.5	10.5	84.3	
Mean	29.969	29.998	30.000	29.964	29.926	29.924	29.943	29.975	29.992	71.2	87.8	—	69.3	81.3	266.4	80.4	

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	74.5	78.0	81.0	77.0	85.0	78.0	85.8	78.5	85.5	78.0	85.0	76.0	81.0	76.5	78.0	75.0
2	72.8	71.8	79.0	76.0	85.0	78.0	85.0	78.0	82.0	77.0	82.0	74.0	79.0	74.0	75.0	74.5
3	73.0	72.0	79.0	76.0	85.0	79.0	75.0	78.0	85.2	78.6	83.5	77.0	80.3	75.4	78.5	75.0
4	73.8	72.0	79.8	77.0	83.0	78.8	81.0	80.0	85.5	79.0	81.0	77.0	80.0	78.5	76.3	76.5
5	76.0	74.0	81.8	78.0	85.0	78.8	87.5	80.0	76.0	73.0	80.0	76.5	78.8	76.8	79.0	75.5
6	75.4	74.0	80.8	78.0	85.0	78.0	87.2	80.0	76.0	73.0	80.0	76.5	78.8	76.8	79.0	75.5
7	74.4	74.0	81.2	78.8	86.0	79.8	87.0	80.0	76.0	73.0	80.0	76.5	78.5	77.0	78.0	77.0
8	73.8	73.0	81.5	78.0	85.5	78.8	86.0	78.9	85.7	77.0	84.5	76.0	80.0	75.0	79.0	77.0
9	72.2	71.5	80.0	77.0	86.0	79.0	86.2	79.0	76.5	77.0	85.0	77.0	80.2	75.0	78.5	75.5
10	74.0	73.0	80.5	77.5	86.8	80.0	88.0	77.5	88.5	80.0	84.0	79.0	79.5	75.0	78.0	75.0
11	74.0	73.0	83.0	79.5	85.0	78.5	89.0	77.8	88.8	78.8	84.0	79.0	79.5	75.0	78.0	75.3
12	72.0	71.0	76.5	73.8	85.5	79.2	85.3	77.5	86.0	77.0	81.0	74.8	78.0	73.0	78.0	73.0
13	71.5	70.5	72.2	71.5	82.0	75.0	86.5	74.5	82.5	78.5	82.5	77.5	77.5	75.0	78.0	73.0
14	68.0	67.0	76.3	73.0	83.8	72.5	86.0	72.0	84.5	75.0	80.0	72.5	77.8	71.2	72.0	69.0
15	70.0	69.4	74.5	72.4	81.5	76.3	85.0	76.2	86.0	76.5	82.6	73.5	77.0	71.5	73.4	69.8
16	68.0	67.0	77.0	73.0	84.2	78.5	85.5	78.5	85.0	78.5	82.6	73.5	77.0	71.5	73.4	69.8
17	69.3	68.4	77.8	73.0	86.5	77.8	87.0	74.0	79.8	74.0	80.0	74.0	77.0	73.5	76.5	71.5
18	68.5	68.0	76.5	73.5	80.5	74.0	84.0	78.0	81.0	74.8	81.4	73.6	77.5	73.0	76.0	73.0
19	71.5	71.0	76.5	73.8	83.0	78.5	81.0	76.4	81.0	79.8	81.0	76.0	78.0	74.5	78.0	73.0
20	72.0	71.4	75.2	73.6	85.5	77.8	86.4	78.2	79.2	75.5	71.2	70.5	72.0	71.0	71.5	70.5
21	71.2	70.8	76.0	73.8	77.2	74.8	75.2	73.8	78.0	74.0	75.8	73.0	74.0	72.2	73.5	72.5
22	73.0	72.5	73.5	72.5	73.5	73.0	74.0	73.0	74.5	73.5	77.0	75.5	74.0	73.5	73.5	72.0
23	71.5	70.8	79.5	76.5	85.0	79.0	88.4	80.5	90.0	80.0	81.0	77.0	77.0	76.2	75.0	75.0
24	74.0	73.0	78.0	75.5	84.8	79.0	87.0	80.0	87.5	79.2	81.0	77.0	78.5	75.5	77.0	75.0
25	74.0	73.6	78.5	76.0	80.4	77.8	82.0	77.5	81.2	77.5	80.8	76.8	77.4	75.0	74.0	73.5
26	72.5	72.0	75.5	73.0	83.8	78.0	89.8	80.2	88.0	79.8	82.2	78.0	81.0	76.0	76.0	76.0
27	73.5	73.0	82.0	79.0	83.5	78.8	80.0	78.0	83.0	79.0	83.0	78.0	78.5	76.0	79.0	76.5
28	74.0	73.0	80.2	78.3	80.2	78.4	84.8	77.2	84.0	75.5	85.0	79.5	79.4	76.5	77.0	75.0
29	73.0	72.8	80.2	77.5	85.5	79.5	86.5	79.5	86.0	79.0	83.5	77.5	79.0	74.8	78.0	75.0
30	72.8	72.0	79.0	77.0	85.0	78.5	85.0	76.2	85.0	76.0	84.0	78.5	77.5	78.5	74.0	74.0
31	71.0	70.5	77.8	75.0	84.5	78.0	81.8	77.2	80.8	76.0	84.2	77.0	79.0	74.8	77.5	74.5
Mean	72.4	71.6	78.4	75.8	83.6	77.7	84.5	77.2	83.9	77.0	81.7	75.9	78.4	74.6	77.0	75.9

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

OCTOBER 1886.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	Cir.-s.	2	NE	0'3	Cir.-s.	4	E	0'3	—	—	—	—	—	0	—	—	Cum.	6	ESE	3	Cum.	4	—	—
2	Cir.-s.	5	NW	1	—	—	—	—	—	—	—	—	Cum.	2	E	3	C.N.	9	E	4	C.N.	8	E	3
3	Cir.-c.	6	S	0'3	—	—	—	—	—	—	—	—	Cum.	4	E	2	Cum.	6	E	3	Cum.	5	E	3
4	Cir.-c.	1	NW	0'3	—	—	—	—	—	—	—	—	C.N.	9	E	2	C.N.	8	ESE	2	Cum.	2	—	—
5	Cir.-s.	3	NW	0'3	—	—	—	—	—	—	—	—	Cum.	5	S	5	C.N.	8	S	2	Cum.	8	ESE	3
6	Cir.-s.	2	N	0'3	Cir.-s.	1	NW	0'3	—	—	—	—	Cum.	5	E	4	C.N.	7	E	2	Cum.	4	E	2
7	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	E	2	C.N.	8	E	2	Nim.	10	—	—
8	Cir.-s.	3	NE	0'3	—	—	—	—	—	—	—	—	Cum.	2	E	4	C.N.	8	E	2	Cum.	8	E	4
9	Cir.-s.	1	NE	1	Cir.-s.	5	NE	0'5	—	—	—	—	Cum.-s.	2	E	4	Cum.	4	E	3	Cum.	7	E	2
10	Cir.-s.	6	ESE	1	Cir.-s.	1	S	0'5	—	—	—	—	Cum.	3	ESE	1	Cum.	7	ESE	3	Cum.	4	E	2
11	Cir.-s.	8	ENE	1	Cir.-s.	4	N	0'3	—	—	—	—	—	0	—	—	Cum.	6	E	2	Cum.	7	ENE	1
12	Cir.-s.	3	—	—	Cir.-s.	3	NE	0'3	—	—	—	—	Cum.-s.	8	E	2	Cum.	6	NE	1	Cum.	8	N	4
13	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	N	4	C.N.	9	N	4	Cum.	6	N	5
14	—	—	—	—	—	—	—	—	—	—	—	—	Str.	3	NE	2	Cum.	7	N	3	Cum.	9	NE	2
15	—	—	—	—	Cir.-c.	2	WNW	0'5	—	—	—	—	C.S.N.	9	N	3	Cum.	7	NE	4	Cum.	6	NE	1
16	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	1	—	0	Cum.	6	NE	2	Cum.	6	NNE	2
17	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	ENE	1	C.N.	9	E	2	Cum.	6	E	1
18	Cir.-c.	7	WSW	1	—	—	—	—	—	—	—	—	—	0	—	—	Cum.	9	E	4	Cum.	4	—	—
19	—	—	—	—	Cir.-c.	2	S	1	—	—	—	—	C.N.	10	NE	6	C.N.	8	ENE	4	Nim.	9	E	2
20	Cir.-c.	1	NNW	0'3	—	—	—	—	—	—	—	—	C.N.	9	NE	4	C.N.	10	E	4	Nim.	9	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	E	3	Nim.	10	E	4	Nim.	10	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	W	4	Nim.	10	W	6	C.N.	10	—	—
23	Cir.-s.	2	SW	1	Cir.-s.	2	SW	1	—	—	—	—	Cum.	4	W	3	Cum.	6	W	4	Cum.	6	W	2
24	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	W	4	C.N.	7	W	4	C.N.	7	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	10	W	2	C.N.	9	NE	4	Cum.	5	N	2
26	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	E	4	Cum.	9	S	2	Cum.	6	SW	2
27	Cir.-c.	1	S	0'3	—	—	—	—	—	—	—	—	Cum.	2	E	4	C.N.	8	E	3	C.N.	6	E	2
28	—	—	—	—	Cir.-s.	2	NW	0'3	—	—	—	—	Nim.	10	—	0	Cum.	7	E	2	Cum.	7	ESE	2
29	Cir.-s.	2	W	0'3	—	—	—	—	—	—	—	—	Cum.	3	E	1	Cum.	6	E	2	—	0	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	NE	2	Cum.	6	NE	3	Cum.	2	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	1	E	1	C.N.	8	E	1	Cum.	3	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	5'3	—	2'5	—	7'5	—	2'9	—	6'2	—	—

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
NOVEMBER 1886.

Day.	BAROMETER.										TEMPERATURE.					SUN-SHINE.	Vapour
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.		Tension.
											Min.	Max.	Solar.	Grass.			Noon.
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.								
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.								
2	29.985	29.990	29.999	29.950	29.904	29.893	29.906	29.933	29.969	71.0	87.1	144.0	69.5	80.6	hours.		
3	.982	30.000	30.055	.942	.907	.892	.913	29.971	29.911	72.0	89.5	141.0	71.0	80.7	ins.		
4	29.987	.014	.012	29.990	.950	.953	29.970	30.019	30.027	72.0	86.0	147.0	70.0	80.7	.871		
5	30.000	.053	.065	30.033	.988	.986	30.017	.041	.051	70.0	88.0	154.0	70.0	80.7	.885		
6	30.046	.070	.076	30.032	.978	.965	29.985	30.019	.033	69.5	84.0	144.0	68.5	80.8	.838		
7	29.991	30.002	.011	29.955	.899	.929	.932	29.996	.010	70.5	83.0	134.8	68.8	80.8	.840		
8	29.981	29.995	.028	30.068	.956	.942	29.973	30.004	.015	70.5	86.0	133.2	70.0	80.8	.788		
9	30.029	30.050	.054	.015	29.993	29.991	30.005	.040	.050	70.5	85.0	138.0	68.5	80.4	1.047		
10	.065	.107	.116	.069	30.020	30.020	.043	.043	.113	69.5	81.0	122.0	69.5	80.1	.75		
11	.090	.113	.110	.091	.036	.031	.044	.082	.043	66.0	88.0	134.0	63.5	79.6	.726		
12	.040	.085	.120	.044	.038	.027	.040	.053	.059	71.0	82.0	115.0	68.5	79.4	.736		
13	.063	.099	.106	.051	.019	.020	.029	.067	.064	71.5	84.0	93.0	69.0	79.2	4.5		
14	.040	.085	.130	.044	.038	.027	.040	.053	.069	71.0	82.0	115.0	68.5	79.4	.673		
15	.127	.145	.150	.124	.090	.060	.082	.114	.098	71.0	82.0	115.0	68.5	79.4	4.5		
16	.099	.121	.127	.079	.043	.033	.040	.055	.070	72.5	87.0	141.0	70.0	79.2	.749		
17	.086	.106	.113	.086	.040	.042	.050	.070	.084	68.0	86.0	141.0	66.0	79.2	4.5		
18	.063	.065	.110	.065	.040	.042	.055	.070	.084	67.5	86.0	143.6	65.0	79.1	.697		
19	.154	.181	.201	.167	.112	.120	.073	.103	.098	69.5	84.0	142.0	68.0	79.1	.888		
20	.139	.159	.174	.126	.094	.097	.114	.131	.151	68.0	85.0	132.0	66.0	79.1	.796		
21	.102	.127	.125	.068	.024	.024	.031	.049	.057	73.0	86.0	139.0	72.0	79.1	10.0		
22	.031	.097	.079	.040	30.020	30.013	.037	.056	.057	69.0	84.0	136.0	65.0	79.1	10.0		
23	.033	.066	.079	.020	29.990	29.997	.017	.037	.038	70.0	84.0	138.0	67.0	79.0	.689		
24	.033	.079	.072	.044	29.977	30.016	.014	.037	.038	70.5	85.0	116.0	68.0	79.0	7.5		
25	.039	.074	.087	.046	30.012	.013	.044	.051	.051	73.0	85.0	134.0	68.5	79.0	.716		
26	.063	.090	.097	.060	30.020	30.025	.044	.075	.101	66.5	84.0	135.5	63.0	79.0	.580		
27	30.051	.065	.016	30.003	29.997	29.972	30.041	30.063	30.074	66.0	84.0	135.0	70.0	78.9	9.5		
28	29.930	30.012	30.011	29.958	.927	.906	.923	.910	29.980	82.0	84.0	138.0	63.5	79.0	.671		
29	.051	29.977	29.995	.968	.914	.922	.935	29.965	29.973	68.5	84.0	136.5	66.0	79.0	.657		
30	29.988	30.011	30.021	29.973	.941	.945	29.973	30.013	.027	68.0	81.0	135.0	67.0	78.4	.738		
30	30.023	30.045	30.064	30.034	29.984	29.983	30.009	30.035	30.033	66.2	84.0	134.0	62.5	78.4	.650		
Mean	30.041	30.070	30.080	30.038	29.997	29.996	30.013	30.040	30.049	69.5	84.8	134.3	67.5	79.5	.635		
															.675		

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	73.8	73.8	77.0	75.0	84.5	79.0	85.0	79.0	84.8	78.0	80.0	77.0	78.8	76.0	75.0	75.0
2	72.8	72.0	80.0	75.8	83.2	79.0	86.2	79.6	89.0	80.5	81.0	76.2	79.0	76.5	75.0	75.0
3	72.4	71.6	78.0	75.6	83.2	77.6	84.0	79.0	84.5	78.6	81.0	76.2	78.5	77.0	75.0	75.0
4	71.2	71.0	75.5	74.0	81.8	78.0	84.0	78.0	83.0	77.5	82.0	79.0	78.0	76.0	74.5	74.0
5	70.2	69.6	75.0	73.4	83.5	78.2	83.0	78.0	83.8	77.2	82.9	78.0	78.0	76.0	74.5	74.0
6	71.8	71.0	77.0	75.0	83.0	77.5	85.6	82.6	75.0	74.2	77.0	78.8	76.0	74.8	74.6	74.0
7	72.0	71.0	74.0	72.5	79.0	76.0	81.0	75.0	81.0	77.0	78.0	74.0	75.5	73.5	75.0	74.0
8	71.0	70.5	78.0	74.5	80.8	76.8	84.0	81.0	79.0	77.0	78.0	74.0	75.5	73.5	75.0	74.0
9	70.5	70.0	72.0	71.0	75.5	73.8	79.0	73.8	79.4	77.0	79.8	70.8	75.0	72.0	73.5	73.0
10	69.0	68.2	75.5	73.0	80.5	73.8	81.2	74.6	80.9	78.6	79.8	78.0	76.2	73.0	75.5	73.5
11	75.0	69.5	72.2	71.0	78.0	71.8	80.2	74.6	79.0	74.8	77.4	71.8	76.0	71.0	75.0	71.0
12	72.0	71.0	76.0	73.8	80.0	77.0	79.0	74.0	79.4	76.4	78.2	74.0	76.0	71.0	75.0	71.0
13	75.0	69.5	77.2	71.0	78.0	71.8	80.2	74.6	79.0	74.8	77.4	71.8	76.0	71.0	75.0	71.0
14	73.2	72.6	77.0	74.8	84.0	78.0	85.0	79.2	74.0	71.6	74.6	71.0	75.0	73.0	75.0	73.0
15	69.0	68.0	72.0	71.0	80.0	77.0	84.5	79.2	74.0	71.6	74.6	71.0	75.0	73.0	75.0	73.0
16	68.5	68.0	75.0	73.0	81.8	78.2	84.0	77.0	83.5	76.0	81.5	74.0	76.0	71.0	75.0	73.0
17	70.0	69.5	75.0	72.5	82.5	77.6	82.0	76.0	83.0	76.0	81.5	74.0	76.0	71.0	75.0	73.0
18	69.0	68.0	75.2	72.5	81.0	75.4	82.0	76.0	82.0	78.8	81.5	73.8	77.0	72.0	75.0	71.0
19	73.5	70.0	80.5	73.5	85.9	74.8	84.0	74.0	83.0	76.2	80.0	72.5	78.0	75.0	74.5	72.0
20	72.0	69.0	78.4	73.2	79.8	74.8	82.0	76.8	80.4	74.7	78.0	74.0	75.5	72.0	75.0	72.0
21	73.5	72.0	75.4	74.2	77.0	74.0	81.0	76.0	80.6	74.0	79.0	74.5	75.4	72.0	75.0	72.0
22	74.0	72.0	77.8	74.8	82.0	78.5	81.0	74.0	80.8	74.4	77.0	72.4	75.0	72.0	75.0	72.0
23	74.5	70.0	77.5	74.0	81.9	74.0	82.8	71.0	81.9	69.9	78.5	76.0	74.5	70.0	74.0	71.5
24	67.0	66.5	74.9	71.9	80.0	75.0	84.0	74.0	81.0	76.0	77.0	72.0	75.0	72.0	75.0	71.5
25	66.5	66.0	72.0	70.0	78.0	75.0	79.0	73.0	79.2	73.0	79.2	73.0	75.0	70.2	72.0	71.5
26	71.0	68.7	74.0	71.0	79.0	74.0	79.0	73.8	78.5	72.4	76.0	71.7	72.8	69.0	71.0	69.5
27	69.0	67.0	74.0	72.0	79.0	74.0	79.0	73.8	78.5	72.4	76.0	71.7	72.8	69.0	71.0	69.5
28	66.2	65.8	72.0	70.0	78.0	74.0	79.0	73.8	78.5	72.4	76.0	71.7	72.8	69.0	71.0	69.5
29	66.2	65.8	72.0	70.0	78.0	74.0	79.0	73.8	78.5	72.4	76.0	71.7	72.8	69.0	71.0	69.5
30	65.5	64.0	71.8	69.0	81.5	74.6	81.2	72.0	81.2	72.0	80.0	71.0	75.0	68.4	71.5	69.6
Mean	71.0	69.5	75.6	72.7	80.7	75.2	82.1	75.3	81.1	74.7	79.4	74.0	76.2	72.1	74.3	71.8

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

NOVEMBER 1886.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	2	E	2	Cum.	7	E	3	C.N.	9	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	NE	3	Cum.	6	ESE	2	C.N.	10	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	7	E	2	Cum.	7	E	2	C.N.	10	—	—
4	—	—	—	—	Cir.-s.	2	SE	1	—	—	—	—	Nim.	10	—	0	C.N.	7	E	3	Cum.	6	W	1
5	—	—	—	—	Cir.-c.	2	S	1	—	—	—	—	Cum.-s.	5	N	1	Cum.	7	NE	1	C.N.	10	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	SSE	4	C.N.	10	SW	1	C.N.	9	—	—
7	Cir.-s.	2	S	1	Cir.-c.	4	W	1	—	—	—	—	C.S.N.	7	NE	3	Cum.	5	NNE	2	C.N.	10	NE	3
8	—	—	—	—	Cir.-c.	3	ESE	0.3	—	—	—	—	C.N.	8	N	5	Cum.	6	N	2	Cum.	8	N	3
9	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	0	C.N.	9	E	2	Cum.	7	NE	4
10	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	NE	5	Cum.	8	ENE	5	Nim.	10	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	ENE	3	C.N.	9	NE	2	C.N.	10	NE	1
12	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	ENE	1	C.N.	9	E	3	Cum.	4	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	ENE	1	C.N.	9	NE	2	C.N.	10	NE	2
14	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	E	3	Cum.	6	ENE	2	Cum.	3	ENE	—
15	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	8	E	4	C.N.	9	E	3	Cum.	7	E	2
16	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	—	3	Cum.	7	NE	3	C.N.	7	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	7	E	4	Cum.	7	E	4	C.N.	6	E	5
18	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	E	3	C.N.	9	E	3	C.N.	3	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	4	C.N.	7	E	3	C.N.	6	E	2
20	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	NE	4	C.N.	8	E	3	C.N.	6	E	2
21	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	2	C.N.	9	E	3	Cum.	3	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	NNE	4	C.N.	8	NE	3	C.N.	8	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	N	2	Cum.	5	ENE	3	C.N.	9	E	2
24	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	E	3	C.N.	9	E	2	C.N.	8	E	2
25	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	2	Cum.	7	E	3	C.N.	4	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	N	3	Cum.	8	NE	3	C.N.	6	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	9	N	3	C.N.	9	N	3	C.N.	8	N	2
28	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	9	N	4	Cum.	6	NE	2	Cum.	8	NE	2
29	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	NE	2	Cum.	7	ENE	2	Cum.	3	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	1	Cum.	9	E	2	Cum.	4	E	2
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	7.5	—	2.7	—	7.6	—	2.6	—	7.1	—	—

DRY-BULB AND WET-BULB THERMOMETERS.																		
Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	68°8	68°0	73°0	74°0	78°5	74°5	78°7	78°0	78°0	78°0	77°8	72°0	70°0	71°3	75°3	74°3	74°0	70°6
2	66°5	65°8	74°0	72°0	81°0	74°0	83°5	78°0	80°5	73°8	77°8	72°0	75°0	71°0	73°0	68°0	72°0	67°3
3	65°3	64°5	72°8	67°5	80°0	74°5	79°0	70°5	81°0	71°2	78°0	74°0	73°0	68°7	71°0	68°2	70°0	67°6
4	66°0	64°8	70°5	69°5	76°0	73°0	72°0	71°0	75°5	72°5	72°8	69°2	71°5	70°5	69°0	68°2	68°0	67°0
5	66°0	65°5	75°0	73°2	80°2	73°9	80°5	74°0	80°5	73°7	79°0	72°0	75°8	70°3	74°0	69°5	73°0	69°0
6	65°5	64°6	71°4	69°6	80°2	74°9	83°9	73°0	78°5	74°4	78°0	70°8	73°0	66°9	70°8	66°0	68°5	65°0
7	66°0	60°8	69°8	68°0	73°5	71°0	72°0	71°0	72°8	72°0	73°5	72°5	71°0	70°7	69°0	68°2	67°5	
8	66°2	65°9	66°9	66°2	76°2	72°8	80°5	72°0	79°8	69°8	76°4	68°5	72°0	67°2	71°2	67°0	70°0	66°4
9	68°0	67°5	69°5	68°7	71°0	70°0	78°2	73°0	78°1	72°9	76°0	72°0	74°2	74°0	71°0	70°0	70°0	68°5
10	67°3	66°9	70°0	69°0	77°5	76°8	78°8	73°0	80°5	75°4	77°0	72°0	74°5	74°0	74°0	70°8	73°0	70°0
11	66°0	65°5	74°0	73°0	81°0	73°2	81°3	73°0	82°6	74°8	78°5	74°0	76°0	72°0	74°0	70°5	72°0	69°5
12	70°0	69°0	74°5	70°8	82°0	73°5	81°8	76°6	81°6	76°6	77°5	70°0	76°3	70°9	74°5	74°0	73°5	73°0
13	73°2	72°0	78°0	74°0	80°0	73°0	80°8	73°8	81°0	73°0	79°9	73°6	74°5	69°0	74°0	70°8	72°8	69°3
14	66°3	65°9	73°2	70°2	80°5	73°0	81°0	74°9	81°0	73°0	78°5	73°0	74°0	69°5	74°0	70°0	74°0	70°0
15	71°2	70°6	75°2	73°0	80°5	74°0	81°0	74°0	81°0	73°8	80°1	73°5	73°8	68°8	71°5	67°5	70°4	67°6
16	67°0	66°5	73°0	70°5	75°0	73°2	78°2	75°0	80°8	76°8	74°8	73°5	72°5	74°6	72°0	71°0	70°4	69°5
17	68°0	66°8	73°8	68°8	77°8	74°0	75°0	73°2	80°0	74°0	76°8	73°0	75°0	72°0	75°0	74°8	70°5	
18	70°5	69°8	73°0	72°0	80°8	76°2	82°0	77°2	81°2	76°0	81°0	75°0	76°0	71°5	76°0	74°8	74°0	70°5
19	70°0	69°4	75°0	73°0	76°8	74°0	74°8	72°0	73°5	71°2	77°5	73°0	74°0	71°5	74°0	70°8	73°0	70°2
20	70°2	70°0	75°0	72°0	80°0	74°8	81°0	73°0	81°2	73°5	80°2	74°9	76°0	72°0	73°0	70°6	72°0	69°3
21	69°0	68°6	71°4	71°0	76°0	74°0	80°2	76°2	81°8	73°6	80°0	75°0	77°0	72°0	75°0	72°0	74°5	72°0
22	67°0	66°0	72°0	70°0	81°2	73°8	81°0	72°8	80°2	74°8	77°0	70°2	73°0	71°5	72°5	71°0	71°6	70°0
23	67°0	66°6	71°0	70°0	71°0	73°5	78°0	73°0	73°0	72°0	74°0	72°0	72°0	63°6	70°0	68°0	67°0	
24	65°0	64°5	70°5	70°0	80°5	73°8	81°8	73°0	78°5	74°0	77°0	72°0	73°0	69°0	72°0	68°0	71°0	67°0
25	63°5	63°0	71°2	69°0	77°8	73°0	78°4	70°6	80°2	74°0	76°0	74°0	73°0	65°7	71°5	67°5	70°0	66°5
26	65°0	64°0	67°0	66°0	77°2	73°0	84°0	73°0	80°0	73°0	73°0	74°0	70°5	69°3	63°2	67°2	67°0	63°8
27	66°0	65°0	65°3	67°8	71°2	70°4	74°0	73°0	76°2	72°6	77°0	73°0	71°5	68°6	70°5	68°2	69°0	67°4
28	68°5	66°5	73°0	70°5	77°5	73°0	80°5	73°5	76°0	72°0	78°0	71°8	73°8	67°8	71°0	66°5	69°0	67°0
29	66°5	66°0	68°5	67°8	75°5	72°8	76°0	74°0	73°0	74°5	75°3	72°5	73°8	69°0	72°0	67°5	70°0	67°0
30	68°5	67°8	72°8	70°8	73°8	70°5	78°0	72°0	78°0	74°6	75°0	70°6	73°0	69°8	72°5	69°3	71°8	68°0
31	67°0	66°0	71°0	69°0	81°0	73°4	78°6	72°6	79°5	73°0	79°0	72°5	74°6	69°2	73°5	70°0	72°0	69°6
Mean	67°5	66°7	72°0	70°2	78°0	72°6	79°2	73°7	79°0	72°9	77°3	72°2	73°8	70°0	72°4	69°4	71°2	68°6

Day.	WIND.					Vel.	Rain-fall.	REMARKS.
	Direction and Force.							
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
1	W 1	N 0.5	NNE 1	NE 1	Calm 0	100	ins. 0.01	☁ (mist) to N. 8a. Overcast most of day. ☁ showers p.
2	W 1	W 1	N 2	NNE 2	Calm 0	90	—	☁ (mist) on swamp and hills a. Dull at noon. ☁ showers p. ☁ 4p. Fine and clear 8p.
3	NW 1	NE 2	NE 2	Calm 0	Calm 0	66	04	☁ 6a. Partial ☁ 7.30a. Day fine.
4	W 1	WSW 1	NE 1	Calm 0	Calm 0	122	—	☁ 8a. ☁ (mist) on hills a. Clouds low; ☁ in E. ☁ 8p.
5	W 1	W 1	ESE 3	E 1	E 2	80	50	☁ n. ☁ (mist) over valleys 6a. Fine day, with ☁. Threatening in NE. 2p.
6	W 0.5	WSW 1	ESE 3	NE 1	Calm 0	145	—	☁ n. ☁ on swamp and S. hills 6a. Day fine, with ☁. Earthquake 0.15p.
7	W 1	E 1	W 0.5	Calm 0	Calm 0	110	26	☁ n. ☁ 10a.—4p. Clouds low; ☁ (mist) on hills p. ☁ to E. 6p. ☁ ☁ 8p.
8	W 1	WhyS 1	ENE 2	Calm 0	Calm 0	88	20	☁ n. ☁ on swamp and to S. and W. a. Fine, with ☁ from 10a. Beautiful circ-e. 6p.
9	W 1	W 0.5	SSE 1	Calm 0	Calm 0	111	20	☁ n. ☁ (mist) a. Fine, with ☁ 2p. ☁ 4p. Watery looking 8p. [Fine p.
10	W 1	WSW 1	SSE 2	Calm 0	Calm 0	72	03	☁ n. ☁ on swamp and to S. 6a. ☁ 8a. Threatening in NE. 10a. Muggy at noon.
11	Calm 0	Calm 0	SE 1	Calm 0	Calm 0	74	—	☁ n. ☁ (mist) on swamp 6a. Very close, with low clouds 10a. Fine p., with ☁.
12	W 1	S 1	ESE 2	Calm 0	Calm 0	62	—	☁ (mist) on swamp 6a. ☁ in S. 8a. Clouds lowering 10a. Fine noon—6p. ☁ 2 10p.
13	E 1	E 3	ESE 3	Calm 0	Calm 0	170	40	☁ (mist) on hills 6a. Day fine, with ☁.
14	Calm 0	SSE 1	ESE 2	Calm 0	Calm 0	123	—	☁ n. ☁ (mist) on swamp 6a. Day fine, with ☁.
15	Calm 0	ESE 1	ESE 3	Calm 0	Calm 0	93	20	☁ n. ☁ (mist) on swamp and hills a. Threatening in E. 6a. Day fine, with ☁.
16	W 1	Calm 0	SE 2	Calm 0	Calm 0	132	32	☁ n. ☁ (mist) on swamp 6a. Watery looking in E. 8a. ☁ 10a. ☁ (mist) to N.
17	Calm 0	WNW 1	NE 3	NE 2	NE 2	40	54	☁ in E. a. Gloomy and overcast, with ☁ showers. ☁ 4p. [with clouds low, and ☁ 2 p.
18	Calm 0	SE 1	ESE 3	Calm 0	Calm 0	86	54	☁ (mist) on swamp 6a. ☁ showers a. Fine p. [2p. Fine from 4p.
19	NW 0.5	E 1	Calm 0	NE 1	Calm 0	97	07	☁ (mist) on hills and swamp a. Ugly in E. 8a. ☁ 9 noon. Squall 1p. ☁ from E.
20	Calm 0	E 1	ESE 3	Calm 0	Calm 0	85	25	☁ n. ☁ (mist) on swamp and hills a. Ugly in E. Clouds low 8a. Fine from 10a., [with ☁.
21	W 1	SE 0.5	ESE 3	NE 1	Calm 0	120	37	☁ (mist) on swamp, with low clouds and ☁ a. Fine p., with ☁.
22	Calm 0	SE 1	NE 1	Calm 0	Calm 0	64	—	☁ n. ☁ (mist) on swamp 6a. Fine, with ☁ 8a.—2p., then overcast, with ☁ showers.
23	Calm 0	W 0.5	Calm 0	ENE 1	Calm 0	76	24	☁ 6a.—8a. ☁ 2 showers from E. noon. Very dark in SSW. 6p. [☁ 5p.
24	Calm 0	SW 1	E 1	Calm 0	Calm 0	53	52	☁ n. ☁ on swamp 6a. Fine, with ☁ 8a.—noon. ☁ showers p. ☁ 3.30p. Fine [from 6p.
25	W 0.5	Calm 0	ESE 2	EbyS 1	Calm 0	67	—	☁ n. ☁ on swamp 6a. Day fine, with ☁. ☁ 4.15p.
26	WNW 1	NNE 1	E 2	Calm 0	Calm 0	60	—	☁ n. ☁ (mist) on swamp 6a. ☁ showers in S. and E. [clouds 2p. Ugly in W. 10p.
27	W 1	E 1	SE 1	Calm 0	Calm 0	59	47	☁ on swamp 6a. ☁ 0 showers 8a. ☁ 10a. ☁ (mist) on hills noon. Dull, with low
28	W 1	Calm 0	ESE 3	E 1	Calm 0	69	15	☁ 2 from E. 6a. ☁ (mist) on hills 8a. Fine, with ☁ 10a. ☁ in SE. 2p. Fine from 4p.
29	W 1	W 1	E 2	NE 1	Calm 0	105	11	☁ a. Day fine from 2p.
30	Calm 0	Calm 0	E 3	Calm 0	Calm 0	98	09	☁ in SW. 6a., in E. 10a., in NE. 6p. Day fine, with ☁ till 2p. Dull 4p.
31	Calm 0	WSW 1	E 2	E 1	Calm 0	91	—	☁ n. Red sunrise. Fine day, with ☁. Dark in SW. at 6p.
Mean	0.6	0.9	1.9	0.5	0.1	90.6	5.51	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
JANUARY 1887.

Day.	BAROMETER.									TEMPERATURE.				SUN-SHINE.	Vapour
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.			Earth.
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.	
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.						
2	30.035	30.063	30.065	30.019	29.982	29.969	30.005	30.035	30.065	66.0	82.0	134.0	62.0	70.3	ins.
3	.046	.055	.059	.010	.954	.959	29.971	.011	.036	65.5	84.0	138.0	63.0	70.5	.068
4	.012	.041	.048	.010	29.980	29.973	30.025	.039	.097	65.5	84.5	138.0	63.0	70.6	.033
5	.055	.084	.105	.032	30.010	30.019	.005	.059	.077	64.0	84.0	139.5	63.0	70.6	.068
6	.059	.093	.113	.074	.021	.019	.036	.055	.047	66.5	82.0	136.0	67.0	70.6	.624
7	.094	.119	.119	.096	.063	.027	.075	.102	.079	62.5	84.0	126.0	61.0	77.0	.697
8	.098	.142	.138	.114	.068	.077	.105	.126	.089	66.0	85.0	147.0	64.0	77.0	.738
9	.104	.134	.148	.104	.064	.048	.082	.121	.139	67.0	83.0	141.0	65.5	77.1	.598
10	.065	.139	.146	.121	.075	.069	.087	.113	.074	65.0	83.0	143.0	65.0	77.5	.738
11	.073	.096	.098	.061	.028	.001	.039	.054	.097	65.0	81.0	138.0	60.0	77.3	.716
12	.062	.101	.126	.092	.046	.051	.070	.100	.089	64.5	85.0	133.0	61.0	77.5	.697
13	.104	.134	.137	.104	.070	.074	.085	.121	.143	66.0	83.0	137.0	63.0	77.6	.630
14	.160	.202	.210	.169	.118	.117	.136	.166	.139	64.5	84.0	130.0	63.0	77.6	.689
15	.174	.219	.218	.169	.128	.136	.139	.183	.154	69.0	84.0	132.0	66.0	77.9	.675
16	.160	.194	.190	.118	.076	.081	.092	.140	.151	65.0	84.0	138.0	63.0	77.8	.514
17	.114	.116	.164	.117	.083	.076	.094	.143	.167	64.0	84.0	141.0	62.0	77.8	.648
18	.120	.160	.160	.100	.061	.057	.065	.073	.101	62.0	83.5	138.0	59.5	77.8	.699
19	.059	.105	.122	.062	.012	.025	.045	.087	.104	66.0	83.0	138.0	63.0	77.8	.601
20	.159	.189	.209	.193	.173	.184	.219	.231	.195	65.0	82.0	136.0	63.0	77.8	.624
21	.210	.249	.264	.217	.181	.169	.177	.195	.179	69.0	81.0	—	60.5	77.8	.664
22	.169	.219	.230	.199	.137	.151	.149	.189	.206	68.0	78.0	—	66.0	77.8	.697
23	.194	.225	.226	.166	.151	.137	.166	.185	.216	66.0	82.0	140.0	62.0	77.1	.671
24	.184	.220	.223	.211	.169	.130	.165	.168	.168	65.0	80.0	138.0	63.0	77.0	.509
25	.178	.197	.214	.185	.109	.083	.137	.155	.186	64.5	79.0	130.0	61.5	76.9	.613
26	.172	.186	.194	.165	.119	.104	.132	.158	.182	64.0	80.0	135.0	62.0	76.9	.671
27	.202	.214	.214	.148	.115	.107	.123	.157	.171	67.0	81.0	135.5	58.5	76.9	.678
28	.154	.186	.199	.159	.119	.121	.136	.174	.210	67.0	79.5	135.0	65.0	77.0	.592
29	.187	.212	.238	.184	.160	.136	.139	.182	.196	63.0	78.0	137.0	60.5	76.8	.687
30	.154	.185	.192	.167	.123	.067	.123	.142	.185	64.0	79.0	130.0	62.0	76.8	.633
31	.168	.168	.176	.122	.085	.005	.109	.137	.158	66.5	80.0	134.0	64.5	76.8	.680
Mean	30.123	30.155	30.166	30.125	30.084	30.079	30.100	30.129	30.139	67.0	81.0	141.0	63.0	77.2	.651

DRY-BULB AND WET-BULB THERMOMETERS.

Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.	
1	66.5	65.5	73.0	70.5	76.0	71.0	80.0	72.5	80.0	73.0	78.8	72.0	75.0	70.0	76.0	71.0	73.0	70.4
2	67.0	66.4	72.2	70.0	77.0	72.5	82.8	72.5	83.0	73.0	79.0	73.5	76.5	72.5	74.5	72.2	72.6	70.2
3	66.4	65.0	73.2	70.6	79.0	73.0	82.0	72.5	83.5	73.0	79.0	73.0	75.0	72.0	74.0	70.6	72.4	69.5
4	67.0	66.0	74.8	70.8	81.0	74.0	80.8	74.5	81.0	72.0	79.8	74.0	77.5	72.0	74.8	70.8	72.0	69.4
5	69.5	69.0	73.5	71.2	75.8	72.8	81.0	72.0	80.0	72.0	78.0	72.0	73.5	69.0	71.5	67.2	70.5	67.2
6	65.0	64.8	68.5	66.8	71.0	68.0	74.0	67.0	75.0	70.0	76.0	68.0	70.0	66.0	68.0	64.0	70.0	67.0
7	66.5	66.0	70.0	68.2	74.0	68.0	81.0	74.0	78.0	72.0	77.0	72.0	74.0	70.0	72.0	68.0	70.0	67.0
8	68.0	67.0	72.0	70.5	79.0	73.8	81.0	74.0	80.5	74.0	74.5	70.0	73.2	70.0	72.4	69.6	70.0	67.0
9	68.0	67.0	72.5	70.2	78.8	72.5	81.0	74.0	81.0	73.0	78.0	70.5	69.0	71.2	67.8	70.0	70.0	66.8
10	65.0	63.8	72.8	69.6	79.0	72.0	80.0	74.5	80.0	71.8	79.8	71.8	75.0	71.0	69.0	71.4	68.0	66.8
11	65.0	64.0	71.0	68.2	81.0	73.2	81.5	72.0	84.5	73.0	81.0	73.0	75.5	70.0	73.0	68.8	72.0	68.0
12	67.0	66.2	71.0	69.0	77.4	73.0	80.0	73.0	81.0	73.0	79.8	71.5	75.0	70.0	73.2	70.0	71.0	68.4
13	65.4	64.9	75.0	71.0	82.8	76.0	81.0	73.0	80.5	73.8	79.8	71.5	75.0	70.0	73.2	70.0	72.0	69.4
14	70.2	67.0	76.0	70.0	79.0	70.0	80.0	68.0	78.0	69.2	75.0	69.0	72.0	68.0	70.0	66.0	70.0	66.8
15	67.8	67.0	76.0	72.0	81.0	74.0	80.2	72.0	80.8	73.0	81.0	73.0	76.0	70.5	73.0	68.2	71.6	67.0
16	66.0	65.0	70.8	68.8	80.2	74.3	82.0	74.0	78.4	73.0	80.2	69.0	73.0	68.0	70.6	66.2	71.6	67.4
17	62.8	62.0	71.0	67.5	80.5	71.2	81.0	71.0	80.0	69.0	78.8	70.0	73.0	67.5	72.5	66.8	70.6	66.0
18	65.2	65.0	74.0	70.0	80.0	72.5	82.0	72.0	82.0	72.0	79.0	71.0	74.5	68.6	74.0	68.0	73.0	67.6
19	67.0	66.0	75.0	71.0	80.0	73.0	76.5	71.0	80.0	72.0	79.0	71.0	74.5	68.6	74.0	68.0	73.0	67.6
20	71.2	68.0	74.0	70.2	78.5	73.3	77.0	72.0	75.8	72.0	74.5	70.2	72.2	69.0	72.0	67.0	70.0	67.0
21	69.0	68.0	71.8	69.8	72.0	70.3	76.0	71.0	75.0	69.8	74.0	69.0	71.5	68.0	70.2	67.0	69.0	66.8
22	67.0	63.8	75.0	68.2	79.0	67.0	79.0	67.5	80.2	70.4	74.6	67.6	71.5	67.0	71.0	67.0	70.0	67.0
23	66.0	65.0	72.0	69.0	78.0	69.2	77.9	70.2	79.0	72.0	77.0	70.5	73.0	68.0	72.0	68.4	70.3	67.8
24	66.0	65.0	71.0	69.0	79.0	73.0	76.0	71.0	78.5	71.0	78.0	69.8	73.8	68.6	73.0	67.0	71.6	66.8
25	66.0	65.0	69.0	68.0	72.2	70.6	77.9	71.0	79.0	71.0	79.0	71.0	74.0	68.2	72.0	68.0	70.0	67.8
26	68.0	67.0	79.0	74.0	79.0	72.5	79.0	70.0	78.0	71.0	74.0	68.0	72.0	68.0	71.0	67.0	71.0	67.0
27	67.8	67.0	73.0	71.0	79.0	72.0	74.0	70.0	78.0	71.0	74.0	68.0	72.0	68.0	71.0	67.0	71.0	67.0
28	65.0	64.5	68.0	66.5	77.6	72.2	74.0	70.6	73.0	70.0	72.0	69.8	72.0	68.5	70.0	68.0	69.0	67.4
29	65.0	64.5	70.0	68.2	75.0	73.0	76.0	70.0	77.0	72.2	74.0	70.0	72.0	68.0	70.0	68.0	69.0	67.4
30	68.0	67.0	71.0	70.0	79.5	73.8	78.0	72.0	76.2	71.0	74.5	71.0	72.0	69.0	72.0	68.5	71.0	67.8
31	67.5	65.5	74.0	70.0	79.8	70.5	80.0	71.0	78.0	69.2	73.5	68.0	72.0	67.5	71.0	67.5	71.0	67.2
Mean	66.9	65.7	72.6	69.6	78.7	72.3	79.4	71.7	79.4	71.6	77.5	70.9	73.7	69.4	72.3	68.4	71.0	67.7

FEBRUARY 1887.																	HEIGHT ABOVE MEAN SEA LEVEL, 50 feet.			
Day.	BAROMETER.										TEMPERATURE.						SUN-SHINE.	Vapour Tension.		
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.					
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.							
1	ins. 30°191	ins. 30°224	ins. 30°252	ins. 30°206	ins. 30°161	ins. 30°179	ins. 30°189	ins. 30°218	ins. 30°194	68°0	80°0	130°5	62°0	76°8	hours. 10°5	ins. °055				
2	°197	°220	°231	°173	°126	°126	°147	°188	°153	63°0	81°0	134°5	61°0	76°8	10°0	°615				
3	°182	°197	°214	°169	°121	°124	°139	°162	°189	66°0	82°0	137°0	62°0	76°5	7°0	°620				
4	°150	°192	°210	°161	°128	°134	°179	°220	°171	69°0	80°0	137°0	65°0	76°5	4°0	°646				
5	°220	°278	°308	°281	°231	°214	°239	°266	°228	68°0	80°0	90°0	65°5	76°5	10°0	°646				
6	°256	°289	°309	°270	°235	°226	°234	°274	°259	67°0	81°0	133°0	62°5	76°5	10°5	°550				
7	°265	°296	°276	°248	°218	°212	°228	°244	°270	67°0	81°0	134°5	63°0	76°3	10°5	°664				
8	°262	°289	°300	°248	°215	°204	°220	°254	°270	65°0	83°0	137°0	61°5	76°1	10°5	°541				
9	°252	°262	°264	°223	°195	°194	°217	°216	°223	63°0	82°0	136°0	63°0	76°1	9°5	°541				
10	°212	°234	°258	°198	°155	°161	°174	°197	°221	63°0	82°0	110°0	59°0	76°0	10°0	°823				
11	°176	°205	°225	°179	°152	°146	°186	°209	°194	62°0	80°0	115°0	57°0	75°9	7°0	°533				
12	°202	°240	°244	°215	°151	°128	°159	°170	°218	60°5	78°0	115°0	57°0	75°9	7°0	°673				
13	°206	°225	°234	°196	°140	°116	°136	°184	°251	62°5	79°0	131°0	59°0	75°9	10°5	°507				
14	°178	°218	°226	°181	°159	°147	°162	°189	°214	65°0	82°0	—	62°5	75°9	7°0	°664				
15	°159	°185	°178	°152	°134	°110	°134	°146	°161	65°0	82°0	114°0	61°0	75°9	6°0	°590				
16	°138	°148	°162	°126	30°061	°044	°072	°095	°115	60°0	80°0	135°5	56°5	75°8	7°0	°630				
17	°063	°090	°100	°023	29°094	°024	°036	°063	°084	64°5	83°0	139°0	61°5	75°8	10°5	°626				
18	°067	°117	°132	°079	30°020	°024	°034	°069	°083	63°0	82°5	138°0	60°5	76°0	11°0	°578				
19	°086	°135	°160	°120	°055	°046	°085	°127	°125	62°0	81°0	147°0	60°0	76°0	10°0	°639				
20	°138	°169	°179	°153	°119	°119	°136	°160	°176	63°0	82°0	108°0	61°0	76°2	7°0	°584				
21	°162	°192	°211	°205	°123	°126	°173	°194	°191	63°0	82°0	102°0	61°0	76°2	4°0	°555				
22	°217	°257	°281	°222	°187	°186	°205	°215	°222	63°0	83°0	132°0	60°0	76°2	8°0	°515				
23	°242	°274	°281	°222	°174	°156	°183	°218	°237	61°5	82°0	134°0	59°0	76°2	10°0	°646				
24	°205	°240	°250	°222	°162	°164	°189	°237	°222	60°0	82°0	137°0	58°0	76°2	11°0	°646				
25	°205	°240	°231	°208	°162	°164	°189	°237	°222	60°0	82°0	137°0	58°0	76°2	9°5	°609				
26	°220	°266	°274	°244	°169	°172	°184	°214	°233	60°5	80°0	130°5	58°0	76°2	11°0	°598				
27	°217	°244	°228	°190	°131	°126	°176	°219	°228	62°0	80°0	137°0	59°5	76°2	9°5	°641				
28	30°205	30°221	30°212	30°161	30°117	30°117	30°132	30°142	30°156	64°0	82°0	134°5	62°0	76°2	246°0	°618				
Mean	30°188	30°220	30°230	30°189	30°144	30°139	30°161	30°190	30°196	64°0	81°2	—	60°7	76°2	246°0	°618				

DRY-BULB AND WET-BULB THERMOMETERS.																			
Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.		
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	
1	68°0	63°0	77°0	70°0	76°2	70°6	77°2	74°0	80°0	70°0	75°9	68°0	71°2	66°0	69°2	63°5	68°6	63°0	
2	64°0	63°0	70°5	63°2	78°4	70°5	77°4	70°0	79°0	72°0	78°2	68°8	71°5	63°0	71°2	68°0	70°0	67°6	
3	67°5	67°0	71°6	69°2	77°5	70°0	77°0	70°0	75°0	69°2	74°0	68°0	72°0	68°0	72°0	68°0	70°0	67°5	
4	71°0	67°0	75°0	70°0	77°0	72°2	79°0	71°5	75°4	69°4	74°0	68°5	70°0	63°0	70°0	68°0	69°0	67°5	
5	70°0	66°7	76°0	63°0	77°5	68°5	73°0	69°2	76°5	72°5	76°5	69°0	72°5	67°5	72°0	67°0	71°0	66°8	
6	69°0	65°2	77°8	69°0	79°0	68°0	79°8	69°0	78°5	70°0	78°0	68°2	73°8	68°0	72°0	67°0	70°6	66°0	
7	65°0	64°5	71°0	69°0	80°0	70°0	80°5	69°0	79°0	69°0	75°4	68°0	72°5	63°6	69°0	67°0	70°6	66°0	
8	64°0	63°5	73°0	69°2	73°2	68°2	79°0	63°5	78°5	67°2	76°0	66°8	73°0	67°0	72°0	65°5	71°0	63°0	
9	64°4	64°0	68°4	67°4	72°0	70°0	77°4	73°0	80°0	67°2	74°5	67°0	71°5	66°0	70°0	63°0	69°6	64°5	
10	62°4	61°4	69°0	66°5	76°0	69°0	77°0	67°5	76°0	67°2	75°0	67°6	71°2	67°0	70°2	66°0	69°0	63°5	
11	61°0	60°0	67°0	66°0	75°0	71°8	71°0	69°0	76°0	70°5	77°0	69°8	72°0	66°8	71°0	66°0	69°0	63°0	
12	65°0	64°0	70°0	63°0	77°0	72°0	78°0	67°0	78°8	74°0	77°2	70°0	72°0	66°0	70°5	66°5	69°0	63°4	
13	65°5	64°5	76°0	70°5	77°4	69°5	76°5	69°0	73°0	68°0	74°2	68°0	70°2	63°5	69°0	63°0	67°8	64°6	
14	67°0	65°0	71°0	68°5	77°0	77°0	78°8	72°0	82°2	70°8	81°0	69°2	78°9	69°9	73°2	68°2	71°0	63°4	
15	61°5	61°0	67°8	63°8	77°0	77°0	78°8	72°0	82°0	72°0	77°0	74°0	74°0	69°5	71°5	69°0	70°0	67°5	
16	65°0	64°2	72°0	68°8	78°8	72°0	78°0	72°0	82°0	72°0	77°0	74°0	74°0	69°5	71°5	69°0	70°0	63°4	
17	64°0	63°2	72°0	68°8	78°8	72°0	78°0	72°0	82°0	72°0	77°0	74°0	74°0	69°5	71°5	69°0	70°0	63°4	
18	67°0	65°5	73°0	68°0	80°2	65°0	77°0	69°0	81°0	69°2	78°9	69°9	73°2	68°2	71°0	63°0	67°5	63°2	
19	64°4	63°4	72°0	68°5	81°0	74°5	77°0	63°8	76°0	69°0	78°0	69°5	71°5	66°0	69°5	66°5	68°4	66°0	
20	64°0	63°0	70°5	67°5	79°0	73°0	77°2	74°0	79°0	72°0	77°8	70°0	73°0	67°2	70°5	63°5	69°0	64°2	
21	62°0	61°2	69°0	67°6	79°0	74°8	79°0	74°5	79°0	73°0	78°5	73°0	71°5	63°2	70°0	63°2	69°4	64°2	
22	61°5	60°0	72°0	67°5	74°5	67°5	78°5	70°5	79°0	68°5	77°0	68°0	72°0	64°6	69°0	63°5	67°5	63°4	
23	63°0	62°0	74°8	70°0	78°0	70°0	79°0	70°2	78°8	68°9	77°0	70°0	73°5	67°0	72°0	63°0	71°4	67°2	
24	65°0	64°0	74°8	70°0	78°5	72°0	80°0	74°8	81°0	69°0	79°0	68°2	74°0	65°0	70°0	63°0	69°0	64°2	
Mean	65°0	63°5	72°0	69°3	77°8	70°5	77°9	70°2	77°9	70°0	76°4	68°9	72°2	67°0	70°3	66°2	69°1	63°5	

Thermometers, 4 feet above ground. Rain-gauge 1 foot above ground.—SANCHEZ, SAN DOMINGO.

FEBRUARY 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	4	Cum.	6	E	4	Cum.	3	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	E	3	Cum.	7	E	3	Cum.	10	E	2
3	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	NE	3	C.N.	8	E	3	C.N.	9	E	3
4	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	ENE	3	Cum.	8	E	3	Cum.	9	E	3
5	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	2	Nim.	10	—	3	Cum.	8	E	2
6	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	E	2	Cum.	8	E	3	Cum.	6	E	2
7	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	E	4	Cum.	8	E	4	Cum.	3	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	7	E	3	Cum.	7	E	3	Cum.	3	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	E	3	Cum.	7	E	3	Cum.	5	E	3
10	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Cum.	8	ENE	2	Cum.	3	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	ESE	2	Cum.	10	E	3	Cum.	5	E	3
12	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	3	E	2	C.N.	8	E	3	Cum.	4	E	2
13	Cir.-c.	3	ESE	1	Cir.-c.	4	SE	1	—	—	—	—	Cum.	2	E	3	Cum.	3	E	3	—	3	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	E	2	C.N.	10	E	2	—	5	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	7	E	2	Cum.	9	E	3	—	4	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	—	—	Cum.	9	E	2	—	7	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.	5	E	2	Cum.	4	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.	4	E	2	Cum.	2	—	—
19	—	—	—	—	Cir.-s.	2	NW	0.5	—	—	—	—	Cum.	4	E	4	Cum.	4	E	3	Cum.	3	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	NE	4	Cum.	9	NE	3	Cum.	3	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	NE	3	Cum.	9	E	3	Cum.	6	E	2
22	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	3	E	3	Cum.	6	E	3	Cum.	4	E	2
23	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	E	3	Cum.	5	E	2	Cum.	2	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	3	Cum.	5	E	2	Cum.	1	—	—
25	Cir.-s.	1	SSW	0.5	Cir.	2	SW	1	—	—	—	—	Cum.	2	E	3	Cum.	5	E	3	Cum.	2	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	E	3	Cum.	5	E	4	Cum.	2	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	E	2	Cum.	5	E	3	Cum.	2	—	—
28	—	—	—	—	Cir.	2	SSW	1	—	—	—	—	Cum.-s.	9	E	2	Cum.	4	E	3	Cum.	4	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	5.9	—	—	—	6.9	—	2.9	—	4.4	—	—

Day.	WIND.					Vel.	Rain-fall.	REMARKS.
	Direction and Force.							
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
						miles.	ins.	
1	E 1	ESE 2	E 2	NE 1	Calm 0	200	·24	Fine day, but with ∞ and passing ● showers.
2	NW 1	W 2	E 2	NE 1	Calm 0	125	—	☼ (mist) on swamp and hills a. Day fine, with ∞ ² . Overcast 8p.
3	W 1	ENE 2	E 2	ENE 1	E 1	130	·06	☼ (mist) on swamp a. Day dull and overcast, with ∞ and ● showers.
4	ENE 1	E 2	E 2	ENE 1	E 1	175	·18	Very dark and ugly in S. and W. 6a. ☾ 8a. Day overcast, with ∞ ● showers.
5	ENE 2	ENE 2	E 1	ENE 2	ENE 2	155	—	Day fine, with ∞ and passing ● showers. Complete ☾ 4p.
6	ENE 2	E 3	E 3	E 1	ENE 1	184	—	Day fine, with ∞.
7	ENE 2	E 2	ESE 2	NE 1	Calm 0	200	·10	Day fine, with ∞. Complete ☾ 7p.
8	W 1	E 2	ENE 2	NNE 2	NE 2	123	·14	☼ over swamp 6a. Fine day, with ∞. Gusty at 8p.
9	W 1	E 2	NE 2	NE 1	NNE 2	125	—	☼ (mist) over swamp 6a. Overcast a., with ∞. Fine p.
10	Calm 0	Calm 0	E 2	ENE 2	NE 1	137	·06	☼ (mist) 6a. Dull and overcast, with low clouds a. Fine p.
11	N 1	ENE 2	E 2	ENE 1	Calm 0	139	·02	p n. ☼ on swamp 6a. Day dull and overcast.
12	Calm 0	Calm 0	E 2	ENE 2	Calm 0	117	·04	p n. ☼ on swamp and hills 6a. Dull and overcast. Very fine from 4p.
13	Calm 0	SSE 1	ESE 3	Calm 0	Calm 0	139	—	p n. ☼ on swamp 6a. Day very fine, with ∞.
14	W 0·5	NE 2	E 1	N 1	Calm 0	111	—	☼ (mist) on swamp 6a. Fine, with ∞, till 10a., then dull and overcast.
15	Calm 0	ESE 3	ESE 2	Calm 0	Calm 0	112	·14	☼ (mist) on swamp and hills 6a. Day dull and overcast, low clouds. Very fine 6p.
16	Calm 0	SE 1	ESE 3	E 1	ENE 1	110	—	p n. ☼ on swamp 6a. Dull and overcast. Red sunset. ☾ 5.15p.
17	Calm 0	SSE 1	ESE 2	E 1	Calm 0	150	—	p n. ∞ a. Day very fine.
18	Calm 0	SSE 1	ESE 2	ENE 1	Calm 0	110	—	p n. ☼ (mist) on swamp 6a. Day very fine.
19	Calm 0	sebys 1	ESE 3	Calm 0	Calm 0	115	—	☼ on swamp 6a.—8a. Fine day, with ∞.
20	Calm 0	ESE 1	E 2	NNE 1	NE 1	140	—	Fine, with ∞, till 10a., and from 4p. Overcast early p.
21	WNW 1	SW 1	ESE 2	E 2	Calm 0	145	—	Overcast and threatening most of day.
22	W 1	Calm 0	E 4	NE 1	NE 1	120	·25	● showers a. Fine, with ∞, p.
23	Calm 0	S 1	ESE 4	E 1	E 1	156	—	p n. Fine 6a. Dull 8a.—noon. Fine from 2p. ∞ all day.
24	W 1	S 1	ESE 3	ENE 1	Calm 0	234	—	p n. Fine most of day, with ∞.
25	WNW 1	SSW 1	ESE 3	E 1	Calm 0	163	—	p n. Dull a. Fine p. ∞ all day.
26	Calm 0	Calm 0	ESE 3	ENE 1	Calm 0	155	—	p n. Fine most of day, with ∞.
27	Calm 0	ESE 2	ESE 3	E 2	Calm 0	155	—	p n. Fine all day, with ∞.
28	Calm 0	SE 1	E 2	E 1	Calm 0	315	—	Dull 6a. ☼ (mist) on N. hills 8a. Day fine, with ∞.
Mean	0·6	1·4	2·4	1·1	0·5	151·4	1·23	

OBSERVATIONS TAKEN AT SANCHEZ, SAN DOMINGO.
SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above mean Sea Level, 50 feet.
MARCH 1887.

MARCH 1887.																	Height above mean Sea Level, 50 feet.	
Day.	BAROMETER.									TEMPERATURE.					Sun-shine.	Vapour Tension.		
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.		Earth.				
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.								Solar.	Grass.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	Min.	Max.					Noon.		
1	30.107	30.189	30.178	30.148	30.112	30.102	30.116	30.142	30.170	62.0	84.0	145.0	60.0	76.4	hours.	ins.		
2	128	175	176	160	138	142	162	186	202	67.0	78.5	122.0	65.0	76.6	10.0	584		
3	162	203	198	176	129	130	139	205	215	66.0	80.0	107.0	61.5	76.7	9.5	539		
4	182	214	212	190	144	150	167	192	197	62.5	81.0	143.0	59.5	76.5	9.0	491		
5	210	247	262	213	176	181	194	235	214	61.5	80.0	137.0	60.0	76.7	10.0	477		
6	214	250	234	223	191	189	216	236	220	61.5	80.0	136.0	60.0	76.7	5.0	482		
7	211	251	244	202	166	159	176	197	211	60.0	80.0	140.0	58.0	76.7	6.5	512		
8	174	204	226	169	122	128	152	165	176	65.0	79.0	140.0	58.0	76.6	6.0	592		
9	173	196	213	173	123	128	152	165	176	60.5	82.0	137.0	60.0	76.5	10.5	545		
10	153	185	180	130	97.4	30.032	30.042	30.077	30.077	60.0	80.0	137.0	58.0	76.6	10.5	639		
11	033	069	072	020	29.947	29.938	29.969	30.009	30.030	61.5	84.0	137.0	56.5	76.6	11.0	539		
12	008	049	052	013	29.990	29.974	29.990	30.000	30.000	61.5	84.0	138.0	57.5	76.6	10.5	566		
13	007	076	106	044	30.000	29.990	30.017	30.044	30.046	63.0	85.0	144.0	59.5	76.7	10.0	562		
14	30.036	053	039	30.013	29.970	29.908	29.955	30.002	30.037	65.5	85.0	144.0	59.5	77.0	7.5	558		
15	29.999	016	011	011	29.999	29.999	29.999	30.000	30.000	68.0	82.0	147.0	65.5	77.0	9.0	648		
16	086	30.008	29.999	062	894	889	932	961	29.983	71.0	87.0	142.0	69.0	77.5	10.5	622		
17	949	29.072	098	046	901	844	890	910	29.983	67.0	87.0	139.5	63.0	77.9	8.0	701		
18	916	948	093	033	870	832	890	923	29.983	67.5	89.0	145.0	66.5	78.1	10.5	633		
19	29.954	29.995	30.003	29.988	29.924	29.936	29.971	29.999	29.998	70.0	87.0	147.0	66.5	78.1	10.5	701		
20	30.009	30.048	30.069	30.046	30.009	30.000	30.020	30.055	30.062	68.0	84.0	147.0	66.5	78.3	6.0	741		
21	081	108	127	119	073	033	057	090	117	67.5	84.0	—	66.5	78.2	1.5	648		
22	104	122	145	101	047	042	074	107	119	71.5	80.0	—	66.5	78.0	8.0	639		
23	104	123	145	101	047	042	074	107	119	66.0	83.0	—	65.0	78.0	10.0	592		
24	104	150	155	124	064	034	056	082	099	68.0	83.0	—	65.0	78.0	9.5	744		
25	098	186	139	114	068	018	051	073	099	67.0	87.0	—	65.0	78.0	10.5	680		
26	089	109	122	102	063	030	074	109	121	66.0	83.0	—	64.0	78.4	11.5	657		
27	127	139	136	119	082	056	089	098	119	68.0	83.0	—	66.0	78.8	11.0	689		
28	086	103	129	117	043	018	029	087	099	66.5	82.0	—	65.0	78.8	11.5	721		
29	080	121	121	104	035	015	027	058	085	68.0	82.5	—	65.0	79.0	10.5	601		
30	088	109	117	114	054	038	049	083	082	68.5	83.0	—	67.0	79.0	10.0	708		
31	30.090	30.098	30.113	30.070	30.041	30.017	30.032	30.079	30.077	65.0	82.0	—	66.0	79.2	11.0	639		
Mean	30.088	30.122	30.124	30.095	30.045	30.031	30.055	30.087	30.102	65.8	83.0	—	62.5	77.6	286.5	615		

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	62.8	62.0	73.0	68.0	79.0	70.0	81.0	70.3	78.2	69.8	77.0	69.0	73.0	68.0	70.0	67.5
2	69.2	66.2	78.5	70.0	76.5	70.0	81.0	70.3	78.2	69.8	77.0	69.0	73.0	68.0	70.0	67.5
3	66.0	60.0	75.2	64.0	76.5	67.0	75.2	67.0	75.0	65.5	74.0	64.0	69.2	63.0	68.0	67.5
4	63.0	62.0	73.0	68.2	76.8	68.6	78.0	66.0	75.0	64.8	76.2	64.8	69.2	63.0	68.0	67.5
5	63.4	62.4	74.0	68.4	79.0	67.5	77.5	66.0	77.8	68.5	76.0	66.0	72.0	65.8	71.0	65.2
6	63.8	62.8	71.0	67.8	74.0	67.5	77.5	66.0	77.8	67.8	73.7	67.8	70.8	65.8	71.0	65.2
7	60.5	59.5	69.0	66.0	75.0	69.0	78.0	68.2	77.5	69.0	77.0	66.0	70.8	64.8	69.0	65.4
8	65.0	62.2	75.0	66.8	78.4	68.4	78.0	68.2	77.5	69.0	77.0	66.0	70.8	64.8	69.0	65.4
9	61.2	60.2	70.0	66.5	73.2	67.0	78.0	68.2	77.5	69.0	77.0	66.0	70.8	64.8	69.0	65.4
10	61.0	60.0	70.0	66.5	73.2	67.0	78.0	68.2	77.5	69.0	77.0	66.0	70.8	64.8	69.0	65.4
11	61.8	60.2	72.0	67.2	77.7	69.4	79.2	68.5	77.5	69.5	76.0	66.0	70.0	64.5	68.5	63.4
12	63.0	62.0	74.4	68.8	83.2	71.8	86.8	70.4	81.5	70.4	77.0	66.0	70.0	64.5	68.5	63.4
13	67.0	63.0	75.0	70.0	81.0	73.0	83.0	70.5	86.0	71.2	75.8	68.0	72.2	67.5	70.8	62.6
14	69.2	68.2	76.5	72.0	81.0	73.0	83.0	70.5	86.0	71.2	75.8	68.0	72.2	67.5	70.8	62.6
15	73.5	68.5	79.0	74.0	82.5	72.5	85.0	71.2	80.0	72.0	77.0	71.0	73.0	68.2	72.5	67.5
16	68.0	67.0	75.0	72.5	82.0	72.0	85.0	71.2	80.0	72.0	77.0	71.0	73.0	68.2	72.5	67.5
17	69.0	68.0	75.0	72.5	82.0	72.0	85.0	71.2	80.0	72.0	77.0	71.0	73.0	68.2	72.5	67.5
18	71.8	70.8	73.6	72.0	84.0	74.0	84.0	74.8	87.6	73.0	84.8	73.0	70.6	73.0	70.8	70.0
19	69.0	68.0	72.0	70.0	80.5	74.0	83.5	73.0	82.0	73.5	79.0	70.0	72.0	69.8	70.2	69.0
20	69.8	68.2	70.0	68.5	80.5	74.0	83.5	73.0	82.0	73.5	79.0	70.0	72.0	69.8	70.2	69.0
21	72.8	68.8	74.0	68.5	80.5	74.0	83.5	73.0	82.0	73.5	79.0	70.0	72.0	69.8	70.2	69.0
22	67.5	66.5	73.0	70.0	79.0	74.8	80.3	74.4	81.2	75.5	78.2	73.0	70.0	69.0	72.0	68.0
23	68.0	67.0	73.0	70.0	79.0	74.8	80.3	74.4	81.2	75.5	78.2	73.0	70.0	69.0	72.0	68.0
24	67.8	67.0	73.0	70.0	79.0	74.8	80.3	74.4	81.2	75.5	78.2	73.0	70.0	69.0	72.0	68.0
25	67.2	66.2	73.0	70.0	79.0	74.8	80.3	74.4	81.2	75.5	78.2	73.0	70.0	69.0	72.0	68.0
26	70.0	68.0	73.0	70.0	79.0	74.8	80.3	74.4	81.2	75.5	78.2	73.0	70.0	69.0	72.0	68.0
27	69.0	68.0	72.0	69.5	80.5	74.5	80.8	74.0	81.4	74.0	78.0	70.0	70.0	73.5	70.0	69.0
28	72.0	69.0	74.5	71.0	76.5	72.0	81.0	74.0	81.4	74.0	78.0	70.0	70.0	73.5	70.0	69.0
29	70.0	69.0	74.5	71.0	76.5	72.0	81.0	74.0	81.4	74.0	78.0	70.0	70.0	73.5	70.0	69.0
30	72.0	70.0	76.0	72.0	79.0	74.0	81.0	74.0	81.4	74.0	78.0	70.0	70.0	73.5	70.0	69.0
31	68.0	67.0	72.0	69.6	80.0	74.0	80.5	74.0	81.4	74.0	78.0	70.0	70.0	73.5	70.0	69.0
Mean	67.2	65.5	74.1	69.6	78.8	71.4	80.5	74.1	80.8	74.5	78.1	70.3	73.8	68.5	72.0	67.7

OBSERVATIONS TAKEN AT SANCHEZ, SAN DOMINGO.

Thermometers, 4 feet above ground. Rain-gauge 1 foot above ground.—SANCHEZ, SAN DOMINGO.

MARCH 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	—	—	—	—	—	—	—	—	Str.	1	—	—	Cum.	8	NE	2	C.N.	9	NE	3
2	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Cum.	8	NE	3	Cum.	8	NNE	1
3	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	NE	3	Cum.	8	NE	3	Cum.	7	NE	2
4	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	NE	1	Cum.	5	NE	2	Cum.	9	E	2
5	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	NE	4	C.N.	10	NE	3	Cum.	9	NE	3
6	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	8	ENE	3	Cum.	4	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	E	3	C.N.	8	E	3	Cum.	2	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	—	—	Cum.	6	E	3	Cum.	3	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.	4	E	2	Cum.-s.	1	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	2	—	—	Cum.	4	E	2	Cum.	3	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	Cum.	5	NW	2	Cum.	6	N	2
12	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	WNW	2	C.N.	9	W	2	C.N.	10	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	SSW	4	Cum.	7	S	1	Cum.	3	S	2
14	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	S	1	Cum.	6	W	2	C.N.	9	W	1
15	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	SW	3	Cum.	5	SW	3	C.N.	7	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	SSW	2	Cum.	10	SW	3	C.N.	9	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	—	—	Cum.	9	SSW	2	Cum.	7	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	—	—	C.N.	10	—	—	C.N.	9	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	N	2	Cum.	7	W	1	—	6	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	W	1	Cum.	7	ENE	3	Cum.	4	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	E	4	Cum.	6	SW	1	Cum.	1	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	E	2	Cum.	5	E	2	Cum.	4	—	—
23	Cir.	2	W	0.5	Cir.	2	W	1	—	—	—	—	Cum.-s.	7	SE	1	Cum.	4	ESE	2	Cum.	5	E	1
24	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	SE	3	Cum.	5	—	—	Cum.	4	E	1
25	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	E	3	Cum.	5	E	3	Cum.	6	E	2
26	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	E	4	Cum.	6	E	3	Cum.	8	E	2
27	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	ESE	4	Cum.	6	ESE	3	C.N.	9	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	SE	3	Cum.	5	SW	1	Cum.	8	SW	1
29	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	E	1	Cum.	6	E	1	Cum.	4	—	—
30	—	—	—	—	Cir.-c.	2	SW	1	—	—	—	—	Cum.	4	E	4	Cum.	5	E	3	Cum.	5	E	2
31	—	—	—	—	—	—	—	—	—	—	—	—	—	6.0	—	—	—	6.5	—	—	—	5.8	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.

APRIL 1887.

Day.	BAROMETER.									TEMPERATURE.					Sun- SHINE.	Vapour Tension.
	Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.		
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	64°	81°	—	62°	79°	ins.	
2	30°080	30°093	30°111	30°088	30°012	30°097	30°112	30°135	30°081	64°	81°	—	62°	79°	582	
3	°092	°121	°129	°118	°062	30°038	°107	°111	°113	69°	86°	—	65°	79°	°646	
4	°150	°185	°180	°123	°100	°073	°113	°136	°168	68°	87°	—	62°	79°	°675	
5	°157	°183	°169	°124	°083	°070	°082	°119	°139	66°	82°	—	63°	79°	°675	
6	°110	°149	°154	°142	°088	°054	°073	°123	°139	64°	83°	—	61°	79°	°628	
7	°116	°142	°158	°156	°102	°094	°112	°124	°144	65°	83°	—	63°	79°	°709	
8	°135	°162	°168	°153	°058	°070	°099	°123	°142	62°	83°	—	59°	79°	°764	
9	°140	°147	°167	°155	°101	30°050	30°053	°074	°096	64°	83°	—	60°	79°	°675	
10	30°061	°082	°088	30°071	30°000	29°071	29°092	30°010	30°019	65°	84°	—	62°	79°	°628	
11	29°093	30°009	°013	29°087	29°040	°018	°041	29°077	29°085	71°	85°	—	62°	79°	°666	
12	29°054	29°082	°032	30°070	29°066	29°052	29°069	30°001	30°048	71°	89°	—	69°	80°	°648	
13	30°060	30°102	°088	°056	30°020	30°004	30°019	°051	°071	71°	87°	—	67°	80°	°664	
14	°065	°117	°106	°074	30°012	30°004	30°019	°027	°043	71°	85°	—	68°	80°	°713	
15	°031	°053	°066	°045	29°095	29°097	°035	°049	°067	69°	84°	—	68°	80°	°744	
16	°017	°052	°051	°055	30°025	30°007	30°011	°052	°055	67°	82°	—	65°	80°	°716	
17	°054	°067	°078	°053	°009	30°013	°007	°036	°044	67°	80°	—	65°	80°	°746	
18	°048	°045	°061	°049	30°012	29°083	30°004	°041	°066	68°	83°	—	65°	79°	°692	
19	°045	°080	°082	°058	29°078	29°061	29°099	°032	°047	73°	83°	—	70°	79°	°749	
20	°081	°111	°119	°088	30°046	30°038	30°072	°089	°125	72°	84°	—	69°	80°	°766	
21	°098	°131	°142	°128	°066	°038	°061	°085	°105	68°	84°	—	66°	80°	°682	
22	°088	°117	°129	°102	°077	°046	°068	°085	°136	63°	84°	—	61°	80°	°615	
23	°071	°120	°149	°134	°085	°070	°082	°097	°102	65°	82°	—	62°	80°	°673	
24	°099	°115	°130	°117	°081	°039	°061	°096	°105	70°	81°	—	67°	80°	°628	
25	°108	°114	°107	°088	°046	30°017	°038	°061	°108	68°	82°	—	62°	80°	°680	
26	°054	°072	°080	°063	°015	29°083	°015	°036	°045	69°	82°	—	63°	80°	°611	
27	°087	°112	°113	°090	°060	30°040	°049	°107	°131	70°	83°	—	66°	80°	°749	
28	°127	°145	°142	°114	°062	°038	°042	°079	°102	71°	83°	—	67°	80°	°731	
29	°093	°123	°125	°035	30°030	30°003	30°017	°055	°046	72°	84°	—	67°	80°	°716	
30	°040	°079	°068	30°042	29°060	29°037	29°071	30°003	°005	72°	89°	—	70°	80°	°726	
Mean	30°005	30°023	30°021	29°088	29°050	29°012	29°040	29°097	30°014	73°	89°	—	69°	80°	°736	
Mean	30°075	30°101	30°108	30°084	30°035	30°013	30°037	30°067	30°082	68°	84°	—	65°	80°	268°	

DRY-BULB AND WET-BULB THERMOMETERS.																	
Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.
	Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.		Dry. Wet.
1	70°	68°	74°	71°	78°	74°	79°	70°	81°	74°	77°	71°	75°	70°	74°	69°	70°
2	70°	68°	77°	71°	79°	73°	79°	70°	82°	75°	77°	72°	76°	70°	74°	69°	70°
3	74°	71°	79°	74°	80°	73°	81°	73°	81°	71°	84°	72°	77°	68°	72°	73°	67°
4	68°	67°	77°	72°	80°	73°	81°	73°	81°	73°	80°	72°	75°	69°	73°	72°	67°
5	66°	65°	69°	67°	74°	70°	79°	70°	80°	72°	78°	74°	70°	67°	70°	71°	67°
6	69°	68°	73°	70°	78°	71°	78°	74°	81°	72°	79°	74°	72°	67°	70°	66°	67°
7	65°	63°	70°	67°	76°	71°	78°	74°	81°	71°	79°	70°	75°	67°	73°	66°	67°
8	67°	65°	73°	69°	77°	71°	78°	74°	80°	72°	79°	74°	75°	67°	73°	66°	67°
9	67°	66°	77°	71°	79°	72°	81°	71°	83°	70°	79°	70°	76°	69°	73°	71°	69°
10	72°	68°	75°	71°	78°	72°	81°	73°	82°	74°	80°	73°	79°	72°	71°	77°	71°
11	72°	70°	75°	71°	80°	72°	85°	73°	80°	73°	80°	73°	79°	72°	71°	77°	71°
12	71°	69°	78°	72°	80°	72°	84°	74°	83°	74°	82°	74°	78°	70°	71°	76°	71°
13	72°	69°	79°	72°	81°	74°	81°	74°	84°	74°	79°	72°	76°	67°	75°	70°	70°
14	70°	69°	75°	72°	79°	74°	81°	75°	78°	74°	78°	71°	76°	70°	74°	70°	70°
15	68°	67°	72°	70°	74°	71°	74°	71°	73°	70°	74°	71°	73°	70°	72°	69°	69°
16	69°	67°	70°	68°	76°	72°	74°	72°	77°	71°	74°	71°	74°	70°	74°	70°	70°
17	72°	70°	75°	72°	78°	73°	82°	74°	79°	74°	79°	74°	78°	73°	74°	70°	71°
18	75°	71°	78°	74°	80°	74°	81°	76°	80°	75°	77°	74°	78°	70°	76°	70°	72°
19	73°	71°	76°	72°	80°	75°	83°	76°	80°	75°	80°	75°	78°	74°	71°	70°	70°
20	70°	68°	76°	72°	81°	76°	81°	73°	80°	74°	80°	74°	78°	73°	74°	70°	70°
21	64°	63°	71°	68°	78°	72°	82°	74°	79°	74°	81°	74°	75°	69°	74°	68°	68°
22	66°	65°	74°	70°	78°	72°	80°	72°	78°	74°	81°	72°	75°	69°	74°	69°	69°
23	74°	70°	76°	72°	82°	76°	81°	74°	80°	74°	80°	74°	78°	73°	74°	70°	70°
24	69°	67°	75°	71°	79°	73°	80°	74°	79°	74°	80°	74°	78°	73°	74°	70°	70°
25	72°	68°	78°	74°	80°	74°	81°	74°	79°	74°	81°	74°	78°	73°	74°	70°	70°
26	72°	70°	77°	73°	80°	74°	81°	74°	79°	74°	81°	74°	78°	73°	74°	70°	70°
27	72°	70°	75°	71°	80°	74°	81°	74°	79°	74°	81°	74°	78°	73°	74°	70°	70°
28	73°	69°	76°	72°	80°	74°	81°	74°	79°	74°	81°	74°	78°	73°	74°	70°	70°
29	73°	70°	76°	72°	80°	74°	81°	74°	79°	74°	81°	74°	78°	73°	74°	70°	70°
30	74°	72°	78°	74°	81°	75°	85°	76°	82°	74°	80°	72°	75°	71°	73°	70°	70°
Mean	70°	68°	75°	71°	79°	72°	80°	73°	81°	73°	80°	72°	76°	70°	74°	69°	69°

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

APRIL 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.												
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.				
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	
1	—	—	—	—	Cir.	3	W	1	—	—	—	—	Cum.-s.	8	SE	3	Cum.	5	SE	2	Cum.	3	—	—	
2	—	—	—	—	Cir.	3	W	0'5	—	—	—	—	Cum.-s.	2	—	0	Cum.	6	SE	1	Cum.	8	W	1	
3	—	—	—	—	Cir.-s.	2	SW	1	—	—	—	—	Cum.	4	E	5	Cum.	5	E	2	Cum.	4	—	—	
4	—	—	—	—	Cir.	4	SSW	0'5	—	—	—	—	Cum.	7	E	2	Cum.	4	E	3	Cum.	9	W	1	
5	Cir.-c.	3	S	0'3	—	—	—	—	Cir.-c.	6	NE	0'5	—	Cum.-s.	5	E	1	Cum.-s.	8	E	3	Cum.	3	—	—
6	—	—	—	—	Cir.	4	NW	0'3	—	—	—	—	C.N.	9	NE	2	Cum.	4	E	2	Cum.	2	—	—	
7	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	E	3	Cum.	8	E	1	Cum.	3	—	—	
8	Cir.	3	W	1	Cir.	4	W	0'5	Cir.	6	SW	0'3	—	Cum.-s.	3	E	1	Cum.	4	E	3	Cum.	4	—	—
9	—	—	—	—	Cir.-c.	3	W	1	—	—	—	—	Cum.-s.	9	E	2	Cum.	5	NE	1	Cum.	8	NW	1	
10	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	W	1	Cum.	9	S	1	Cum.-s.	8	S	1	
11	—	—	—	—	Cir.-c.	3	N	0'3	—	—	—	—	Cum.-s.	10	S	1	Cum.	6	SW	1	Cum.	7	W	2	
12	Cir.-c.	3	SW	0'5	—	—	—	—	—	—	—	—	Cum.-s.	5	SE	3	Cum.	8	S	3	Cum.	6	S	—	
13	—	—	—	—	Cir.-c.	3	W	1	—	—	—	—	Cum.-s.	5	SE	2	Cum.-s.	5	E	2	Cum.	8	E	2	
14	—	—	—	—	Cir.-c.	3	NW	0'3	—	—	—	—	Cum.-s.	8	N	4	Cum.	4	E	4	Cum.	8	—	—	
15	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	3	C.N.	10	E	2	Nim.	10	—	—	
16	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	3	C.N.	7	E	3	Cum.	8	—	—	
17	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	E	4	Cum.	6	E	2	Cum.	8	E	2	
18	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	E	3	Cum.	4	SE	2	Cum.	8	S	2	
19	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	8	SE	3	Cum.	4	—	0	Cum.	7	N	1	
20	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	N	1	Cum.	5	E	2	Cum.	2	—	—	
21	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	E	3	Cum.	8	E	3	Cum.	5	NE	2	
22	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	NE	3	Cum.	8	NE	3	Cum.	5	NE	1	
23	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	E	2	Cum.	8	E	2	Cum.	2	—	—	
24	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	2	—	0	Cum.	10	E	3	Cum.	3	—	—	
25	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	9	E	2	Cum.	6	E	2	Cum.	2	S	2	
26	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	ESE	2	Cum.	6	ESE	3	Cum.	3	S	1	
27	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	9	E	3	Cum.	5	E	2	Cum.	9	S	1	
28	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	E	2	Cum.	5	E	2	Cum.	9	S	1	
29	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	ESE	2	Cum.	8	E	2	Cum.	3	N	1	
30	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	6	SE	2	Cum.	6	SE	1	Cum.	7	S	—	
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	6'8	—	2'3	—	6'2	—	2'1	—	5'7	—	—	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.

MAY 1887.

Day.	BAROMETER.									TEMPERATURE.				SUN-SHINE.	Vapour	
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.			Earth.	Tension.
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.		
1	ins. 30°015	ins. 30°022	ins. 30°030	ins. 30°004	ins. 29°950	ins. 29°952	ins. 29°995	ins. 30°009	ins. 30°057	70°5	89°0	—	67°5	81°0	hours. 8°0	ins. °630
2	°008	°102	°110	°098	30°062	30°018	30°055	°110	°126	67°0	85°0	—	65°0	81°0	10°5	°718
3	°090	°104	°092	°078	30°048	30°040	30°078	°095	°074	67°0	82°0	—	67°5	81°0	5°0	°565
4	°037	°047	°052	°023	29°965	29°957	29°987	°036	°031	64°0	84°5	—	62°5	81°0	4°5	°741
5	°010	°037	°046	°032	29°984	29°983	30°031	°059	°079	64°5	85°5	—	63°0	80°9	8°0	°738
6	°004	°080	°110	°091	30°044	30°030	°044	°082	°116	67°0	83°5	—	65°0	80°9	10°5	°733
7	°123	°139	°136	°120	°070	°052	°076	°120	°133	67°5	85°0	—	65°0	81°0	11°0	°774
8	°134	°122	°117	°117	°080	°034	°044	°066	°095	71°0	83°0	—	69°0	81°0	12°0	°664
9	°084	°099	°099	°088	°033	°018	°028	°110	°068	67°0	82°0	—	64°0	80°9	6°0	°594
10	°057	°089	°084	°077	°060	°021	°049	°082	°087	67°5	83°5	—	63°0	80°9	12°0	°680
11	°068	°085	°105	°088	°050	°048	°063	°085	°090	70°5	84°0	—	66°0	80°9	3°5	°655
12	°091	°105	°113	°081	30°020	30°049	30°052	°075	°075	70°5	82°0	—	67°0	80°8	2°5	°708
13	30°051	°068	30°068	30°032	29°996	29°970	29°992	30°022	30°013	71°0	84°0	—	70°0	80°8	6°5	°699
14	29°987	30°013	29°998	29°964	°930	°906	°924	29°959	29°991	73°5	87°0	—	71°0	80°8	4°0	°718
15	°960	29°959	°950	°914	°900	°889	°918	°920	29°924	71°0	88°0	—	69°0	81°0	1°5	°790
16	°933	°058	°978	°961	°923	°927	°940	°968	30°002	69°0	80°0	—	68°0	79°2	0°0	°687
17	°905	°985	°981	°966	°935	°923	°950	°980	29°982	68°5	83°0	—	68°0	79°1	4°0	°713
18	°987	°987	°992	°990	°937	°937	°960	°953	°937	71°5	75°5	—	71°0	79°0	0°0	°761
19	°935	°937	°941	°899	°846	°830	°838	°892	29°900	72°0	86°5	—	71°5	79°0	6°0	°801
20	°906	°950	29°955	29°935	°891	°924	29°951	29°973	30°005	75°5	93°5	—	72°5	79°2	6°5	°848
21	29°982	29°991	30°010	30°026	°972	°980	30°002	30°015	°037	75°0	88°0	—	74°5	79°8	4°0	°863
22	30°023	30°031	°043	°041	°994	°994	30°004	°027	°027	72°0	84°0	—	71°5	80°0	1°0	°915
23	29°989	°020	°023	°027	°994	°965	29°976	°003	°011	72°5	84°0	—	71°5	80°2	2°0	°837
24	30°017	°035	°038	°017	29°991	29°986	30°000	°049	°032	71°0	87°0	—	69°0	80°4	11°0	°746
25	°045	°076	°066	°049	30°026	30°012	°048	°068	°082	75°0	89°0	—	73°0	80°7	6°0	°796
26	30°032	°068	°057	°029	°002	30°020	°002	30°053	75°0	89°0	—	73°5	81°0	5°0	°749	
27	29°992	°037	°018	30°008	°007	29°991	°000	°004	29°981	74°0	85°0	—	74°0	81°1	0°5	°805
28	30°017	°023	°027	29°998	30°002	°979	30°000	°019	30°018	72°0	80°0	—	69°0	81°1	3°0	°756
29	°007	°022	°015	30°001	29°988	°973	29°975	°007	°031	69°5	84°6	—	69°0	81°1	3°0	°766
30	°015	°029	°024	°023	29°983	29°978	29°990	°017	°029	70°5	85°0	—	69°5	81°1	10°0	°746
31	30°095	30°087	30°088	30°074	30°043	30°032	30°069	30°093	30°110	70°0	85°0	—	68°5	81°1	4°5	°834
Mean	30°026	30°042	30°044	30°027	29°991	29°981	30°002	30°030	30°039	70°4	85°0	—	68°5	80°5	172°0	°748

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	72°2	70°5	77°0	73°5	82°0	74°5	87°0	74°0	80°5	76°5	81°6	75°0	78°8	73°0	75°0	71°0
2	71°0	69°0	74°0	70°5	81°8	73°0	82°0	74°5	82°2	75°0	81°0	74°5	78°5	72°0	75°5	70°0
3	73°0	71°0	74°5	72°0	80°0	74°0	78°8	71°6	72°0	69°2	71°0	70°2	71°0	68°5	68°5	68°0
4	69°0	67°5	72°0	70°0	78°0	73°5	79°5	74°0	73°0	70°0	78°0	73°0	69°0	70°0	69°0	69°0
5	66°0	63°2	73°0	70°2	81°0	75°5	82°2	75°0	84°0	75°0	79°0	75°0	73°2	72°0	71°5	70°2
6	68°0	67°0	74°0	72°0	80°2	75°4	82°5	73°0	82°0	75°0	80°0	73°0	77°9	72°2	74°0	73°2
7	73°0	71°0	79°2	74°4	80°0	75°4	80°0	75°0	84°0	76°2	81°0	73°0	77°5	72°0	75°0	74°0
8	72°0	69°6	78°2	69°0	80°0	74°5	81°9	73°0	81°0	73°0	80°0	74°0	77°0	70°2	75°0	69°7
9	68°2	66°2	75°0	70°2	78°2	74°4	81°6	74°0	80°0	74°2	80°0	70°0	76°0	69°2	72°2	68°0
10	68°2	66°6	75°0	70°5	81°5	73°8	81°2	73°5	79°0	74°0	74°0	70°5	76°5	70°2	75°8	70°0
11	75°0	74°2	75°0	69°2	73°2	70°2	81°0	72°5	81°0	75°0	79°9	73°8	75°5	72°0	74°0	70°6
12	72°0	70°0	76°0	72°2	79°8	73°4	80°0	73°5	80°0	74°6	76°0	73°0	73°2	70°8	73°5	71°2
13	73°0	72°0	77°0	74°0	80°0	74°5	82°0	74°0	82°0	75°8	74°8	77°0	73°0	75°8	75°0	73°0
14	75°0	72°0	77°0	73°8	81°8	75°0	85°0	75°6	80°0	75°8	81°8	75°0	79°5	75°0	78°0	73°0
15	76°0	73°2	78°2	74°0	83°4	76°8	87°0	78°0	81°0	76°0	85°0	75°0	71°4	71°0	71°4	71°0
16	71°5	71°0	73°5	71°8	77°5	73°0	75°0	74°0	73°0	72°0	73°0	72°0	72°0	71°0	72°0	71°0
17	72°0	71°0	76°2	73°0	79°0	75°0	78°0	73°6	82°0	74°0	79°0	73°5	76°0	72°2	75°5	72°0
18	74°0	72°2	74°2	72°6	73°0	72°5	72°0	71°5	73°5	72°0	73°5	72°5	73°0	72°0	73°8	72°5
19	76°0	74°0	77°0	74°8	82°0	77°0	77°5	76°0	82°5	77°8	82°5	76°5	75°0	75°0	75°5	73°5
20	77°0	74°5	78°0	76°4	85°5	77°8	89°0	80°0	92°0	81°0	81°0	76°0	78°0	72°0	77°8	75°8
21	77°0	76°0	80°0	77°0	84°0	76°0	87°5	79°8	82°5	78°0	81°0	77°5	79°0	72°2	74°8	77°0
22	76°0	74°0	79°0	76°0	81°5	77°0	80°0	78°0	84°0	78°0	82°0	75°0	79°5	74°8	78°0	74°0
23	74°0	72°0	78°0	75°0	81°0	77°0	81°7	77°0	82°0	76°8	81°8	77°0	79°0	74°8	74°0	74°0
24	74°0	73°0	79°0	76°0	82°0	76°5	85°8	76°5	84°8	78°4	80°5	75°8	79°0	76°0	78°8	76°0
25	75°5	74°0	80°0	76°2	81°0	76°0	86°8	78°0	85°8	76°5	82°0	75°0	81°0	75°0	80°9	78°5
26	76°0	74°0	80°8	76°8	83°0	76°8	87°0	77°0	84°2	74°8	82°0	77°8	80°0	74°8	78°5	75°0
27	77°0	75°0	81°0	77°0	81°5	77°0	82°0	77°8	85°8	78°4	82°0	77°0	80°0	75°7	78°5	74°0
28	73°0	71°0	77°0	74°0	81°5	76°0	86°5	77°0	86°0	74°0	75°0	73°5	75°8	74°0	74°0	71°2
29	75°0	72°0	77°0	74°0	81°0	76°2	83°0	76°0	79°0	73°0	78°0	75°5	78°8	73°8	73°8	72°0
30	72°8	70°0	77°0	73°0	81°2	75°5	83°2	75°6	83°2	75°2	81°5	77°0	79°5	74°5	77°0	72°5
31	73°2	72°2	75°0	73°8	81°5	77°0	83°0	77°5	84°0	78°0	80°0	74°2	78°8	75°5	75°0	73°0
Mean	73°1	71°4	76°9	73°5	80°6	75°0	82°6	75°3	81°9	75°4	79°1	73°9	76°8	72°8	74°2	71°9

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

MAY 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	Cir.-c.	1	W	0'5	—	—	—	—	—	—	—	—	Cum.	3	E	2	Cum.	8	E	2	Cum.	10	E	2
2	Cir.-c.	6	W	1	Cir.-s.	2	W	1	—	—	—	—	Cum.	2	E	1	C.N.	6	E	2	Cum.	6	S	1
3	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Nim.	10	—	—	C.N.	10	SE	1
4	Cir.-s.	4	SW	1	Cir.	2	W	1	—	—	—	—	Cum.	2	E	1	Cum.	6	E	3	Cum.	8	SW	1
5	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	1	—	—	Cum.	6	E	2	Cum.	2	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	2	—	—	Cum.	6	E	2	Cum.	3	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	2	Cum.	6	E	2	Cum.	5	NE	4
8	Cir.	3	SW	0'5	—	—	—	—	—	—	—	—	Cum.	2	E	0'5	Cum.	8	E	2	Cum.	3	—	—
9	—	—	—	—	Cir.	4	SSW	0'5	Cir.-c.	6	W	1	Cum.	9	E	2	Cum.	4	E	1	Cum.	3	—	—
10	Cir.	3	W	1	Cir.	4	W	1	—	—	—	—	Cum.	2	E	1	Cum.	5	E	2	Cum.	6	E	1
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	E	2	Cum.-s.	8	E	2	Cum.	8	E	2
12	—	—	—	—	Cir.-c.	2	W	1	—	—	—	—	C.N.	8	E	2	C.N.	7	E	3	C.N.	10	—	—
13	—	—	—	—	Cir.	2	SW	1	Cir.	—	—	—	C.N.	9	E	3	Cum.	6	NNE	1	Cum.-s.	8	E	2
14	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	3	S	4	C.N.	9	—	—
15	—	—	—	—	Cir.-c.	1	W	1	—	—	—	—	Cum.-s.	9	W	2	C.N.	9	W	3	Nim.	10	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	10	—	—	Nim.	10	—	—
17	—	—	—	—	Cir.-c.	2	W	1	—	—	—	—	C.N.	10	E	1	C.N.	7	E	2	—	5	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Nim.	10	—	—	Nim.	10	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	S	2	Cum.	7	S	3	—	10	—	—
20	Cir.-c.	4	WNW	1	—	—	—	—	—	—	—	—	C.S.N.	5	S	2	C.N.	8	E	2	C.N.	8	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	2	C.N.	9	SE	1	—	10	—	—
22	Cir.-c.	3	W	1	Cir.-c.	4	NE	0'5	—	—	—	—	C.N.	6	E	2	Cum.	4	W	1	Cum.	7	—	—
23	Cir.-c.	2	W	1	—	—	—	—	—	—	—	—	C.N.	6	NE	1	Cum.	8	E	2	Cum.	3	E	2
24	Cir.-s.	2	W	1	—	—	—	—	—	—	—	—	Cum.	3	NNE	1	C.N.	9	S	0'5	Cum.	5	S	1
25	Cir.-s.	2	W	1	—	—	—	—	—	—	—	—	Cum.	6	SE	1	Cum.	9	SE	3	Cum.	6	SW	2
26	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Cum.	6	S	2	Cum.	7	S	1
27	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	E	2	C.N.	10	S	1	C.N.	9	NW	1
28	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	SE	2	Nim.	10	—	—	Cum.	7	S	1
29	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	E	1	C.N.	10	S	3	Cum.	2	—	—
30	—	—	—	—	Cir.	2	W	1	—	—	—	—	Cum.	7	E	2	C.N.	6	E	2	Cum.	5	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	9	E	2	Cum.	5	NE	1
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	6'0	—	—	—	7'4	—	—	—	6'8	—	—

OBSERVATIONS TAKEN AT SANCHEZ, SAN DOMINGO.
SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
JUNE 1887.

JUNE 1887.																	
Day.	BAROMETER.										TEMPERATURE.					SUN- SHINE.	Vapour Tension.
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.										Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.							
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.							Noon.
1	30.113	30.130	30.140	30.137	30.086	30.065	30.082	30.099	30.113	72.5	84.0	—	72.0	81.1	hours.	ins.	
2	.112	.116	.112	.089	.069	.069	.067	.085	.085	74.0	85.0	—	71.0	81.1	2.0	.810	
3	.040	.082	.112	.079	.040	.037	.028	.063	.070	71.5	85.0	—	70.5	80.6	6.5	.751	
4	.037	.050	.053	.038	.004	30.005	.004	.035	.037	72.0	83.0	—	70.5	80.5	2.0	.766	
5	.052	.070	.060	.050	.010	29.995	.023	.053	.069	68.5	85.0	—	67.0	79.8	5.5	.779	
6	.035	.069	.082	.054	.030	30.046	.062	.060	.077	72.5	87.0	—	71.5	80.0	3.0	.812	
7	.056	.067	.072	.055	30.026	30.022	30.036	.033	.044	72.0	85.0	—	70.0	80.1	3.0	.772	
8	.026	.026	.044	.030	29.979	29.975	29.993	30.020	.027	72.0	86.0	—	70.0	80.1	6.0	.818	
9	.033	.001	.007	.002	29.959	29.977	29.976	29.982	.012	71.5	89.0	—	71.0	80.3	4.0	.897	
10	.032	.039	.054	.070	30.026	30.006	30.023	30.029	.044	71.5	85.0	—	70.5	80.5	5.5	.796	
11	.032	.058	.066	.087	30.063	30.033	30.031	.032	.035	71.0	83.0	—	70.0	80.5	9.0	.785	
12	.035	.028	.038	30.002	29.971	29.954	29.958	30.023	30.029	70.5	89.0	—	70.5	80.5	5.0	.721	
13	30.019	30.020	30.010	29.978	.950	.926	.947	29.973	29.967	75.0	86.0	—	72.5	80.5	6.0	.779	
14	29.974	29.973	29.960	29.948	.912	.904	.930	29.968	29.968	74.5	88.0	—	72.0	80.8	11.0	.812	
15	29.997	30.001	30.001	30.001	29.986	29.960	29.959	30.018	30.020	76.0	86.0	—	73.0	81.0	8.0	.769	
16	30.042	.068	.069	.049	30.005	30.025	30.040	30.073	30.073	75.0	87.0	—	72.0	81.1	10.5	.764	
17	.060	.070	.082	.052	30.023	30.000	29.954	30.073	30.073	74.5	88.0	—	72.0	81.4	10.0	.764	
18	.035	.040	.052	.020	29.982	29.960	.945	29.990	30.023	72.5	87.0	—	71.0	81.8	12.0	.692	
19	.029	.023	.023	.002	29.974	29.960	29.991	30.023	.023	73.0	86.0	—	70.0	82.0	12.0	.701	
20	.026	.053	.058	.020	30.004	30.001	30.023	.031	.037	71.5	85.0	—	69.5	81.1	1.5	.863	
21	.039	.049	.072	.075	.037	30.022	30.022	.015	.040	70.0	86.0	—	69.5	80.7	4.0	.837	
22	.003	.030	.028	.032	30.001	29.993	29.989	.023	.033	70.0	85.0	—	68.5	80.4	4.0	.718	
23	.023	.034	.050	.027	29.976	29.993	30.003	.045	.057	70.5	85.0	—	68.5	80.4	4.0	.837	
24	.081	.083	.084	.069	30.026	30.022	.046	.071	.105	72.5	85.0	—	70.0	80.5	10.5	.812	
25	.085	.093	.122	.086	.070	.061	.108	.089	.082	71.5	84.0	—	72.0	80.4	1.5	.804	
26	.061	.075	.088	.060	30.026	30.015	30.023	.057	.087	70.5	83.0	—	70.5	80.2	6.0	.785	
27	.033	.029	.015	.015	29.988	29.983	29.992	.020	.029	68.0	85.0	—	67.5	80.0	4.0	.790	
28	.044	.056	.051	.033	30.022	29.993	30.002	.041	.047	73.0	85.0	—	73.0	80.0	8.0	.801	
29	.057	.057	.060	.037	.014	30.006	.015	.058	.076	73.0	88.0	—	71.5	80.2	10.5	.796	
30	30.085	30.082	30.060	30.012	30.031	30.038	30.046	30.075	30.089	73.0	85.0	—	71.5	80.4	11.0	.766	
Mean	30.043	30.052	30.058	30.041	30.010	30.001	30.013	30.035	30.046	72.1	85.3	—	70.6	80.7	10.4	.784	

DRY-BULB AND WET-BULB THERMOMETERS.

Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.		Wet.		Dry.		Wet.		Dry.		Wet.		Dry.		Wet.		Dry.	
1	75.5	74.0	80.0	77.0	80.0	78.0	80.0	78.0	83.0	76.0	82.0	74.0	79.0	74.0	77.0	73.0	70.5	72.8
2	77.0	78.0	81.0	78.8	83.0	78.0	80.0	78.8	83.0	76.0	82.0	74.0	79.0	74.0	77.0	73.0	70.5	72.8
3	74.5	72.5	77.5	75.0	81.0	76.0	84.0	76.0	75.5	72.5	77.2	74.0	79.0	74.0	77.0	73.0	70.5	72.8
4	76.0	74.0	77.2	75.2	79.8	75.5	81.8	75.5	82.0	76.0	78.0	74.0	79.0	74.0	77.0	73.0	70.5	72.8
5	74.0	72.0	76.0	73.0	81.0	75.0	83.0	77.0	84.0	76.0	78.0	74.0	79.0	74.0	77.0	73.0	70.5	72.8
6	75.0	74.0	79.0	76.5	82.0	76.0	85.5	77.0	84.0	76.0	78.0	74.0	79.0	74.0	77.0	73.0	70.5	72.8
7	74.0	72.5	78.0	75.5	81.8	77.0	82.0	76.8	84.5	76.5	82.8	77.0	79.0	74.0	77.0	73.0	70.5	72.8
8	74.0	73.0	77.5	75.0	82.5	78.0	81.0	78.0	84.0	76.8	83.0	77.0	79.0	74.0	77.0	73.0	70.5	72.8
9	75.0	73.5	78.0	75.0	83.0	77.0	86.0	78.0	85.0	76.0	83.0	77.0	79.0	74.0	77.0	73.0	70.5	72.8
10	76.7	73.0	78.6	76.0	81.5	77.0	82.0	76.0	85.0	76.0	83.5	77.0	79.0	74.0	77.0	73.0	70.5	72.8
11	77.0	74.0	80.0	76.0	82.0	76.0	85.0	78.0	85.0	76.0	83.5	77.0	79.0	74.0	77.0	73.0	70.5	72.8
12	75.0	73.0	81.0	76.8	82.2	76.8	85.0	77.0	83.5	76.0	83.5	77.0	79.0	74.0	77.0	73.0	70.5	72.8
13	76.0	74.0	79.5	74.8	82.0	75.5	83.2	76.8	85.0	76.0	83.5	77.0	79.0	74.0	77.0	73.0	70.5	72.8
14	77.0	74.5	79.5	75.6	82.0	76.0	82.4	76.8	85.0	76.0	83.5	77.0	79.0	74.0	77.0	73.0	70.5	72.8
15	77.0	75.0	80.0	76.0	82.0	76.0	85.0	78.0	85.0	76.0	83.5	77.0	79.0	74.0	77.0	73.0	70.5	72.8
16	77.0	75.0	80.0	76.0	82.0	76.0	85.0	78.0	85.0	76.0	83.5	77.0	79.0	74.0	77.0	73.0	70.5	72.8
17	78.0	75.5	80.2	77.4	83.0	76.0	86.0	77.0	84.0	76.0	83.0	77.0	79.0	74.0	77.0	73.0	70.5	72.8
18	75.0	73.5	80.4	77.8	82.6	75.8	84.8	74.8	85.5	77.0	84.0	76.0	79.0	74.0	77.0	73.0	70.5	72.8
19	76.0	74.0	79.5	76.2	82.4	76.8	84.8	74.8	85.5	77.0	84.0	76.0	79.0	74.0	77.0	73.0	70.5	72.8
20	75.0	73.8	77.0	75.5	80.0	78.0	82.2	77.8	82.0	77.0	83.5	76.2	79.0	74.0	77.0	73.0	70.5	72.8
21	72.0	71.8	73.0	72.8	74.9	73.8	75.0	74.8	73.0	72.0	73.5	78.0	73.0	72.0	73.0	70.5	72.8	72.8
22	72.5	71.0	77.0	74.0	77.4	72.4	82.0	77.2	72.0	72.0	73.5	78.0	73.0	72.0	73.0	70.5	72.8	72.8
23	73.0	72.0	78.0	76.0	81.0	76.4	84.0	76.0	81.8	76.0	82.0	76.0	74.0	74.0	73.0	70.5	72.8	72.8
24	76.0	73.0	78.0	75.0	81.8	77.8	83.0	77.0	84.0	76.0	81.0	74.8	77.0	74.0	73.0	70.5	72.8	72.8
25	75.6	73.0	78.9	76.0	81.2	74.2	83.0	77.2	81.0	75.0	78.0	73.0	75.0	73.0	72.0	70.5	72.8	72.8
26	75.0	73.5	78.0	75.0	80.4	76.0	82.0	76.0	81.0	75.0	78.0	73.0	75.0	73.0	72.0	70.5	72.8	72.8
27	69.5	69.0	77.0	73.0	81.5	78.0	83.8	76.8	82.4	76.6	81.0	75.0	78.0	73.0	72.0	70.5	72.8	72.8
28	77.0	73.0	76.0	73.2	78.5	74.0	83.0	76.8	84.5	77.0	81.5	76.0	75.0	73.0	72.0	70.5	72.8	72.8
29	76.0	74.0	80.0	76.0	82.0	76.4	84.0	77.0	86.5	79.0	85.0	77.0	81.4	75.0	74.0	70.5	72.8	72.8
30	76.2	74.2	77.5	75.0	80.0	75.6	83.0	76.0	79.4	75.0	80.0	74.6	79.0	75.0	73.4	70.5	72.8	72.8
Mean	75.3	73.3	78.4	75.4	81.2	76.2	82.8	76.3	82.5	76.0	80.7	75.3	78.9	74.4	76.8	73.6	70.0	73.3

OBSERVATIONS TAKEN AT SANCHEZ, SAN DOMINGO.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

JUNE 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	Cir.	2	S	0'3	—	—	—	—	C.N.	9	E	3	Cum.	7	E	2	Cum.	7	E	4
2	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	E	4	C.N.	10	E	3	Cum.	7	E	2
3	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	3	C.N.	8	E	2	Cum.	4	E	1
4	—	—	—	—	Cir.	2	SW	1	—	—	—	—	C.N.	9	E	2	Cum.	7	E	3	Nim.	10	—	—
5	Cir.-s.	2	W	1	Cir.-c.	3	W	1	—	—	—	—	Cum.	6	E	1	Cum.	6	E	2	C.N.	9	E	2
6	—	—	—	—	Cir.-s.	1	W	1	—	—	—	—	C.N.	9	E	1	C.N.	8	E	2	Cum.	8	E	1
7	Cir.-c.	2	NW	0'5	Cir.	2	W	1	—	—	—	—	C.N.	6	E	1	Cum.	4	E	2	C.N.	7	E	2
8	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	2	Cum.	8	ENE	2	Cum.	7	E	1
9	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	3	E	1	Cum.	5	S	1	Cum.	9	S	2
10	Cir.-s.	2	WNW	0'5	Cir.-s.	4	W	1	—	—	—	—	Cum.	5	SE	2	Cum.	4	E	2	Cum.	8	E	1
11	Cir.-c.	2	W	1	—	—	—	—	—	—	—	—	Cum.-s.	7	SSE	1	C.S.N.	10	E	1	Cum.	7	N	1
12	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	S	2	Cum.	8	S	3	Cum.	7	S	—
13	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	SE	2	Cum.	8	SE	4	C.N.	9	S	1
14	Cir.-s.	3	N	1	—	—	—	—	—	—	—	—	Cum.	5	SE	3	Cum.	8	SE	4	Cum.	8	S	2
15	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	S	1	C.N.	10	S	2	Cum.	8	SW	2
16	Cir.-s.	2	E	0'5	—	—	—	—	—	—	—	—	Cum.	4	SE	2	Cum.	7	S	3	Cum.	6	S	1
17	Cir.-c.	1	SE	0'5	—	—	—	—	—	—	—	—	Cum.	3	ESE	3	C.N.	7	SE	2	Cum.	7	S	1
18	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	4	Cum.	7	SE	2	Cum.	8	S	1
19	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	SE	2	Cum.	6	ESE	1	Cum.	2	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	6	E	3	C.N.	9	E	2	Cum.	8	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Nim.	10	—	—	Nim.	10	—	—
22	Cir.-c.	1	E	1	Cir.-c.	1	E	0'3	—	—	—	—	Cum.	1	—	—	Cum.	9	E	3	Cum.	3	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	—	—	Cum.	8	E	2	Cum.	4	—	—
24	—	—	—	—	Cir.-s.	2	N	0'5	—	—	—	—	Cum.	7	E	2	Cum.	7	E	3	Cum.	6	S	1
25	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	10	ESE	2	Nim.	10	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	S	1	C.N.	10	S	2	Nim.	10	—	—
27	Cir.-s.	3	W	0'3	—	—	—	—	—	—	—	—	Cum.	2	E	1	Cum.	9	E	3	Cum.	9	E	1
28	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	S	1	Cum.	9	SE	1	C.N.	10	SE	1
29	—	—	—	—	Cir.-s.	3	E	0'3	—	—	—	—	Cum.	6	E	3	Cum.	5	E	2	Cum.	4	E	1
30	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	E	2	C.N.	9	R	2	Cum.	2	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	6'5	—	—	—	7'8	—	—	—	7'1	—	—

SANCHEZ, SAN DOMINGO.—Long, $69^{\circ} 37' W.$ Lat. $19^{\circ} 13' N.$ Height above Mean Sea Level, 50 feet.
JULY 1887.

BAROMETER.										TEMPERATURE.					SUN-SHINE.	Vapour Tension.
Day.	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.			
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.							Noon.
1	30°05	30°06	30°08	30°04	30°04	30°02	30°02	30°06	30°07	70°0	85°0	131°0	69°5	80°7	hours.	ins.
2	'071	'052	'065	'068	'028	'038	'028	'057	'059	70°0	85°0	122°0	69°5	80°8	6°0	'756
3	'095	'093	'112	'088	'068	'038	'078	'098	'114	68°5	87°0	137°0	68°0	80°7	11°5	'801
4	'139	'152	'168	'153	'119	'087	'109	'138	'147	70°0	87°0	140°0	68°0	80°8	8°5	'736
5	'163	'172	'173	'168	'127	'127	'160	'170	'175	72°5	86°0	128°0	72°0	81°0	6°0	'801
6	'178	'153	'162	'150	'104	'092	'098	'172	'140	72°0	86°0	140°0	71°0	81°0	9°0	'749
7	'116	'126	'106	'107	'072	'058	'070	'073	'081	72°0	85°0	138°0	71°5	81°0	2°5	'793
8	'071	'102	'107	'085	'069	'038	'033	'066	'081	71°5	86°0	138°0	71°0	81°0	8°0	'790
9	'094	'085	'115	'108	'071	'042	'058	'085	'095	73°5	83°0	90°0	73°0	80°8	1°0	'848
10	'129	'130	'144	'130	'104	'086	'081	'123	'134	72°0	87°0	140°0	71°0	80°7	10°0	'868
11	'136	'148	'162	'154	'102	'100	'110	'149	'144	72°5	87°0	137°0	72°0	80°8	12°0	'796
12	'122	'142	'149	'128	'083	'072	'073	'079	'107	73°0	88°0	141°0	74°0	81°0	12°0	'764
13	'087	'111	'120	'120	'079	'073	'073	'079	'107	73°0	87°5	145°0	72°0	81°1	5°0	'829
14	'114	'098	'106	'082	'054	'045	'065	'117	'200	71°0	88°0	134°5	70°0	81°1	9°5	'854
15	'111	'125	'120	'126	'098	'073	'119	'139	'158	73°0	85°0	141°0	72°0	81°2	6°0	'851
16	'140	'146	'157	'149	'131	'104	'115	'169	'169	72°0	87°0	141°5	71°0	81°4	12°0	'818
17	'137	'131	'132	'138	'099	'082	'118	'112	'123	70°0	87°0	141°0	69°5	81°6	12°5	'848
18	'093	'103	'106	'090	'057	'039	'044	'091	'091	70°0	88°0	112°0	69°0	82°0	10°5	'877
19	'062	'074	'092	'064	'034	'010	'035	'070	'070	71°5	87°0	139°0	70°5	82°1	12°0	'796
20	'085	'070	'080	'054	'046	'025	'022	'068	'070	72°5	90°0	119°5	72°0	82°2	11°5	'888
21	30°023	30°018	'048	30°056	30°012	30°017	30°023	'032	'060	73°0	83°5	137°5	76°0	82°6	2°5	'860
22	29°987	29°999	'005	29°988	29°978	29°967	29°987	'009	'032	72°0	85°0	148°0	70°0	82°2	6°0	'782
23	30°019	30°024	'024	30°016	30°007	29°974	30°003	'040	'062	71°0	87°0	140°0	69°5	82°0	9°5	'733
24	'099	'101	'093	'099	'088	30°086	'093	'122	'115	74°0	86°0	136°5	72°0	82°0	10°5	'796
25	'152	'160	'159	'149	'120	'118	'106	'134	'132	72°0	90°0	141°5	70°0	81°9	11°5	'796
26	'128	'127	'117	'117	'679	'068	'068	'085	'106	70°5	87°0	97°0	69°0	82°0	11°5	'774
27	'127	'107	'096	'082	'060	'032	'030	'052	'069	70°0	87°0	140°0	68°0	82°0	7°5	'829
28	'095	'079	'065	'057	'054	'026	'027	'052	'148	70°5	89°0	140°0	69°0	82°0	11°5	'810
29	'090	'089	'084	'066	'062	'072	'065	'114	'114	71°5	89°0	140°0	70°5	82°2	9°5	'812
30	'122	'126	'148	'114	'085	'090	'079	'112	'114	73°5	87°0	143°0	72°0	82°5	11°0	'854
31	30°111	30°093	30°098	30°077	30°033	30°031	30°027	30°049	30°077	74°0	90°0	143°0	72°0	82°8	7°0	'799
Mean	30°102	30°104	30°110	30°098	30°070	30°056	30°066	30°094	30°109	71°8	86°8	134°3	70°8	81°5	27°5	'810

DRY-BULB AND WET-BULB THERMOMETERS.																		
Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	72°	71°	78°	75°	82°	76°	83°	76°	83°	77°	83°	75°	80°	74°	77°	73°	75°	73°
2	76°	73°	79°	75°	81°	77°	81°	76°	83°	77°	83°	75°	80°	74°	77°	73°	75°	73°
3	73°	71°	78°	75°	82°	77°	84°	77°	85°	77°	85°	76°	80°	74°	78°	73°	75°	73°
4	74°	73°	77°	74°	81°	75°	85°	76°	84°	77°	84°	75°	81°	75°	79°	74°	77°	73°
5	74°	73°	75°	74°	79°	77°	81°	76°	82°	77°	81°	75°	81°	75°	78°	73°	77°	73°
6	75°	74°	78°	76°	81°	76°	83°	76°	84°	76°	83°	74°	80°	74°	78°	73°	77°	73°
7	76°	74°	76°	75°	82°	77°	84°	77°	82°	77°	81°	75°	79°	75°	78°	73°	77°	73°
8	76°	74°	81°	76°	81°	76°	83°	76°	82°	77°	81°	75°	79°	75°	78°	73°	77°	73°
9	77°	76°	82°	77°	81°	75°	84°	76°	84°	76°	83°	75°	81°	75°	78°	73°	77°	73°
10	75°	73°	79°	76°	81°	75°	84°	75°	86°	76°	83°	75°	81°	75°	78°	73°	77°	73°
11	74°	74°	79°	77°	81°	75°	84°	75°	86°	76°	84°	75°	81°	75°	78°	73°	77°	73°
12	77°	76°	81°	77°	83°	76°	86°	77°	86°	78°	85°	77°	83°	77°	79°	74°	77°	74°
13	75°	73°	80°	76°	80°	75°	82°	77°	85°	77°	85°	77°	83°	77°	79°	74°	78°	76°
14	77°	74°	80°	76°	82°	76°	84°	77°	85°	78°	85°	77°	84°	77°	80°	75°	78°	75°
15	74°	73°	79°	76°	82°	75°	83°	76°	85°	78°	85°	78°	80°	75°	77°	73°	74°	72°
16	74°	73°	77°	75°	83°	77°	84°	77°	85°	77°	85°	75°	80°	74°	78°	73°	77°	73°
17	75°	74°	78°	75°	83°	77°	85°	77°	86°	77°	85°	77°	80°	74°	78°	73°	77°	73°
18	73°	72°	77°	75°	83°	76°	84°	77°	86°	78°	85°	76°	84°	77°	79°	75°	77°	73°
19	74°	73°	77°	75°	83°	76°	84°	77°	86°	77°	85°	75°	80°	74°	78°	73°	77°	73°
20	76°	73°	82°	77°	86°	78°	87°	77°	87°	78°	87°	75°	82°	75°	78°	73°	78°	74°
21	78°	74°	82°	76°	83°	78°	80°	77°	82°	78°	87°	75°	82°	75°	78°	73°	79°	74°
22	75°	73°	79°	75°	81°	76°	84°	76°	84°	75°	87°	75°	80°	74°	78°	73°	77°	73°
23	75°	73°	78°	75°	82°	76°	85°	76°	82°	75°	85°	75°	80°	74°	78°	73°	77°	73°
24	76°	74°	81°	77°	82°	77°	84°	77°	83°	77°	83°	75°	80°	74°	78°	73°	77°	73°
25	74°	73°	79°	77°	82°	75°	84°	77°	86°	77°	83°	75°	80°	74°	78°	73°	77°	73°
26	73°	72°	77°	75°	81°	76°	84°	77°	86°	78°	85°	75°	80°	74°	78°	73°	77°	73°
27	73°	72°	76°	74°	82°	76°	84°	77°	87°	78°	81°	73°	79°	75°	76°	73°	74°	73°
28	71°	71°	79°	75°	82°	76°	84°	77°	85°	77°	83°	76°	79°	75°	76°	73°	74°	73°
29	72°	71°	78°	75°	84°	78°	87°	78°	85°	76°	82°	76°	79°	75°	76°	73°	74°	73°
30	75°	74°	78°	76°	85°	79°	86°	79°	85°	79°	84°	76°	81°	77°	79°	75°	80°	75°
31	76°	74°	83°	78°	87°	78°	88°	78°	86°	78°	84°	76°	81°	77°	79°	75°	80°	75°
Mean	74°	73°	78°	75°	82°	77°	83°	77°	83°	77°	82°	75°	80°	74°	77°	74°	75°	74°

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

JULY 1887.

Day.	UPPER CLOUDS												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	2	Cum.	6	E	2	Cum.	4	—	—
2	—	—	—	—	Cir.-s.	1	S	0'3	—	—	—	—	Cum.	6	E	2	Cum.	6	E	2	Cum.	9	E	2
3	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	—	—	Cum.	4	E	2	Cum.	2	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	—	—	C.N.	9	E	2	Cum.	7	E	3
5	Cir.-c.	2	N	0'3	—	—	—	—	—	—	—	—	C.N.	6	E	3	C.N.	8	E	3	Cum.	7	E	1
6	Cir.-c.	2	E	1	Cir.-c.	2	E	0'5	—	—	—	—	Cum.	6	E	3	Cum.	6	E	3	Cum.	4	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	10	E	2	Cum.	7	E	1
8	Cir.-s.	2	W	0'5	—	—	—	—	—	—	—	—	Cum.	6	E	1	Cum.	7	E	2	C.N.	9	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	1	C.N.	10	E	2	C.N.	8	—	—
10	—	—	—	—	Cir.-s.	2	SE	0'3	—	—	—	—	Cum.	8	E	3	Cum.	5	S	1	Cum.	2	—	—
11	Cir.-c.	3	S	1	—	—	—	—	—	—	—	—	Cum.	2	E	1	Cum.	4	E	2	Cum.	8	E	1
12	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	SE	3	Cum.	6	E	2	Cum.	8	S	1
13	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	2	Cum.	7	E	2	Cum.	2	—	—
14	Cir.-s.	2	W	0'5	Cir.-s.	1	S	1	—	—	—	—	Cum.	3	E	5	Cum.	6	E	1	C.N.	9	—	—
15	Cir.-c.	4	E	0'5	—	—	—	—	—	—	—	—	Cum.-s.	3	E	3	C.S.N.	10	E	1	C.N.	9	—	—
16	—	—	—	—	Cir.-s.	2	N	1	—	—	—	—	Cum.	6	E	3	Cum.	4	E	2	Cum.	10	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	E	2	Cum.	5	E	2	Cum.	4	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	3	ESE	3	Cum.	8	E	2	Cum.	4	—	—
19	—	—	—	—	Cir.-s.	3	SW	0'5	—	—	—	—	Cum.	6	E	1	Cum.	5	E	2	Cum.	3	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	E	4	Cum.	8	E	4	C.N.	9	E	2
21	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	E	2	C.N.	10	E	6	C.N.	9	E	2
22	Cir.-c.	3	E	0'5	—	—	—	—	—	—	—	—	Cum.	4	E	1	Nim.	10	E	3	Cum.	8	E	1
23	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	E	1	C.N.	9	E	2	—	6	—	—
24	Cir.-c.	2	NE	0'5	Cir.-s.	1	NE	0'5	—	—	—	—	Cum.	5	E	2	Cum.	6	E	2	Cum.	8	ESE	1
25	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	1	—	—	Cum.-s.	4	E	1	Cum.	3	—	—
26	Cir.-s.	2	W	0'5	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	9	E	2	Cum.	3	—	—
27	Cir.-s.	3	W	0'5	—	—	—	—	—	—	—	—	Cum.	2	—	—	C.S.N.	9	E	1	Cum.	8	E	1
28	Cir.-s.	3	E	0'5	—	—	—	—	—	—	—	—	Cum.	3	—	—	Cum.	8	E	2	Cum.	6	E	2
29	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	E	1	Cum.	7	E	1	Cum.	7	E	1
30	—	—	—	—	Cir.-s.	3	W	1	—	—	—	—	Cum.	7	E	3	Cum.	4	E	1	Cum.	10	ESE	3
31	—	—	—	—	—	—	—	—	Cir.	2	SW	0'5	Cum.	5	E	1	C.N.	8	E	3	Cum.	6	E	2
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	5'2	—	—	—	7'0	—	2'1	—	6'4	—	—

Day.	WIND.					Vel.	Rain-fall.	REMARKS.
	Direction and Force.							
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
1	W 1	ESE 2	ESE 2	NE 2	E 1	miles. 105	ins. .45	D ² n. Fine, with ∞ a. Very fine p. [passing SW. to NE. Dull 6p. W ⁰ (mist)
2	W 1	ESE 2	ESE 3	Calm 0	Calm 0	180	.10	∞ 6a. Fine. ● shower from E. 10a. T in S. 2p. ● ² from E. 3.13p., with K
3	W 1	ESE 2	ESE 2	E 1	Calm 0	74	—	W ⁰ (mist) on swamp and hills a. Fine from 10a., but with ∞ ² .
4	W 1	Calm 0	E 2	NNE 1	Calm 0	130	—	Fine a., but with ∞ ² . ● in E at 10a. Very fine and bright at 8p.
5	W 1	S by W 0.5	ESE 3	E 1	Calm 0	121	.32	● n. W ⁰ (mist) on swamp and hills a. Dull and muggy 10a. K in S. 10a.—2p.
6	W 1	E 3	ESE 3	E 2	E 1	154	.15	W ⁰ (mist) on swamp and hills 6a. Dull 8a. Day fine, but with ∞. Partial ∞ 4p.
7	W 1	ESE 3	ESE 2	E 1	Calm 0	120	.82	● a. γ 7a. Distant T (in N.) 9a. ∞ ² p.
8	W 1	ESE 3	ESE 4	E 1	Calm 0	265	.02	Day fine, but with ∞ ² . [K in SE. 8p.
9	W 1	E 2	Calm 0	N 1	Calm 0	170	.70	● showers a. T in E., ● ² 10a., then K in NE. ● till 2p. Dull, with ∞, 6p.
10	W 1	E 2	NE 1	Calm 0	Calm 0	75	.09	W ⁰ (mist) on swamp and hills a. ● from E., with distant T in ESE., lasting
11	WNW 1	ESE 1	ESE 2	E 1	Calm 0	100	.20	W ⁰ (mist) on swamp 6a. Day very fine. [20 minutes, 3p. Very fine from 4p.
12	W 1	ESE 1	ESE 2	ESE 2	Calm 0	120	—	W ⁰ (mist) on N. hills 6a. Day fine, with ∞ ² . [close, with ● p.
13	W 1	ENE 1	NE 1	E 1	Calm 0	185	—	∞ a. T, overhead, 9.50a. K ● ² in N. 11.35a. Distant T in NW. 1p. Sultry and
14	W 1	ESE 1	ESE 2	E 1	Calm 0	90	.19	∞ ² a. T in S. 10a. Forked ∞ in S. 4p. ● from E., with forked ∞ 7p. Sheet ∞ in W.
15	W 1	SE 1	ESE 2	N 1	Calm 0	132	.04	D ² n. W ⁰ (mist) 6a. Close and sultry a. T ² ● ² in S. and SW. p. W ⁰ (mist) on
16	W 1	ESE 2	ESE 3	E 1	Calm 0	100	—	D ² n. W ⁰ (mist) on swamp. Day fine, but with ∞. [swamp and hills p.
17	W 1	ESE 1	ESE 2	E 2	Calm 0	190	—	W ⁰ (mist) on swamp 6a. Fine all day, with ∞. [with ∞. Sheet ∞ in SW. 10p.
18	Calm 0	ESE 1	SE 1	ENE 1	E 1	115	.06	W ⁰ on swamp 6a. Fine, with ∞ a. Close and muggy, with ● showers 2p., then fine.
19	W 1	ESE 2	ESE 2	Calm 0	SE 0.5	100	—	W ⁰ (mist) on swamp 6a. Day very fine. ∞ in W. 10p.
20	W 1	ESE 3	ESE 3	NNE 3	NE 2	160	—	D ² n. W ⁰ (mist) on swamp 6a. Day fine, with ∞ ² . [2p.—3p. ● from E. 8p.
21	E 1	ESE 5	E 5	SE 2	E 2	245	.01	T in SW. noon. Very dark in E. and S. 2p. ● from E., with K passing S. to N.,
22	E 1	ESE 2	SE 2	Calm 0	Calm 0	255	.18	Very fine a. Squally ●, distant T, 2p. Very dull 6p. W ⁰ (mist) on hills.
23	Calm 0	E 2	E 1	E 1	Calm 0	180	.50	Dull a. Short K ² right overhead 5.30p. and 2.30p. Fine from 4p. ∞ in E. 10p.
24	W 1	E 2	E 2	NE 1	Calm 0	180	—	W ⁰ (mist) on swamp 6a. Fine till 4p. Partial ∞ 5p., T in SW. ● ² showers 8p.
25	Calm 0	E 1	SE 2	ESE 0.5	Calm 0	125	1.38	W ⁰ (mist) on hills and swamp a. Day very fine. Distant T 4p. [and 10p.
26	Calm 0	ESE 1	E 0.5	E 1	Calm 0	100	—	D ² n. W ⁰ (mist) on swamp 6a. Dull 10a.—2p., with T. Very fine 6p.
27	Calm 0	ESE 0.5	E 1	ENE 0.5	E 1	130	—	D ² n. Very fine till noon. T in SE. 1p. Dull from 4p.
28	W 1	SE 1	ESE 3	ESE 2	Calm 0	120	—	D ² n. Very fine day. A few peals of T 1p.
29	Calm 0	ESE 1	ESE 3	E 1	Calm 0	130	—	D ² n. Very fine a. Distant K 2p., with ● in S. ∞ 8p.
30	W 1	ESE 1	ESE 3	E 1	E 1	150	—	D ² n. W ⁰ (mist) on hills and swamp a. Fine all day, with ∞ p.
31	E 1	E 3	NE 3	NE 2	Calm 0	192	—	W ⁰ (mist) on swamp 6a. Fine till 2p., with ∞ ² , then drizzling ●.
Mean	0.8	1.7	2.2	1.1	0.3	144.9	5.21	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.

AUGUST 1887.

Day.	BAROMETER.									TEMPERATURE.				Sun- SHINE.	Vapour Tension.	
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.				Earth.
										6 a.m.	8 a.m.	10 a.m.	Noon.			
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	72°0	83°0	95°0	71°5	82°2	hours.	ins.
2	29°997	30°007	30°020	30°001	29°994	29°992	30°017	30°021	30°035	72°0	83°0	95°0	71°5	82°2	0°0	°915
3	30°040	30°039	30°055	30°069	30°023	30°030	30°038	30°068	30°087	71°5	86°0	126°0	70°0	81°5	11°5	°863
4	30°087	30°097	30°105	30°086	30°062	30°041	30°043	30°076	30°063	71°5	86°0	118°0	71°0	81°8	8°0	°804
5	30°048	30°037	30°040	30°030	29°971	29°949	29°968	29°970	29°965	70°0	90°0	140°0	68°5	81°9	10°0	°860
6	29°967	29°960	30°004	30°012	30°003	30°075	29°979	30°000	29°982	73°5	80°0	—	73°0	81°8	0°0	°851
7	29°993	30°023	30°039	30°038	29°999	29°998	30°008	30°018	30°048	72°5	88°0	138°0	70°0	81°5	11°5	°837
8	30°013	29°988	30°000	29°999	30°072	30°060	29°958	29°976	30°076	73°5	89°0	144°0	72°0	81°7	10°5	°713
9	29°988	30°087	30°090	30°076	30°052	30°019	30°030	30°052	30°058	74°0	89°0	144°5	67°5	81°3	12°0	°779
10	30°090	30°082	30°076	30°079	30°052	30°030	30°032	30°064	30°072	71°5	93°0	145°0	70°5	81°2	11°5	°865
11	30°083	30°077	30°080	30°076	30°070	30°041	30°037	30°072	30°001	73°0	88°0	142°0	71°5	81°5	6°5	°756
12	30°089	30°073	30°087	30°072	30°054	30°032	30°040	30°070	29°969	71°5	88°0	135°0	71°0	81°5	12°5	°854
13	29°979	29°977	29°977	29°952	29°942	29°938	29°944	29°966	29°970	72°0	88°0	120°0	70°5	81°8	12°0	°846
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	71°0	89°5	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	72°0	89°5	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	69°0	92°0	—	—	—	—	—
18	30°017	30°019	30°035	30°028	29°944	29°975	29°983	29°986	29°970	74°0	89°0	128°0	70°5	82°5	8°0	°820
19	29°923	29°935	29°940	29°924	29°893	29°884	29°896	29°920	29°981	72°5	92°0	140°0	72°0	82°9	5°0	°837
20	29°957	29°986	29°942	29°957	29°932	29°904	29°910	29°944	29°975	75°0	93°0	147°0	74°0	83°0	11°5	°865
21	29°975	29°970	29°972	29°948	29°924	29°912	29°918	29°968	29°990	77°0	90°0	147°0	74°5	83°1	10°0	°860
22	29°932	29°977	29°962	29°962	29°907	29°892	29°902	29°942	29°946	74°0	90°0	137°0	73°0	83°2	6°0	°687
23	29°975	29°962	29°968	29°948	29°924	29°920	29°941	29°970	29°977	75°5	89°0	114°0	73°5	83°6	5°5	°810
24	30°018	30°013	30°024	30°004	29°952	29°973	30°007	30°027	30°027	73°0	87°0	142°0	72°0	83°7	10°5	°909
25	30°011	29°998	29°988	29°989	29°986	29°975	29°974	29°974	29°974	72°5	89°0	112°0	72°0	83°6	8°0	°793
26	30°037	30°020	30°049	30°049	29°995	30°002	30°015	30°030	30°031	71°0	88°0	140°0	69°5	83°6	5°5	°840
27	30°040	30°044	30°060	30°056	30°007	30°011	30°018	30°033	30°021	71°5	88°0	143°0	70°5	83°7	6°5	°854
28	30°037	30°021	30°030	30°014	29°962	29°950	29°960	29°970	30°008	72°0	88°0	140°0	70°5	83°5	9°0	°823
29	30°015	30°023	30°000	29°975	29°930	29°927	29°932	29°988	29°988	71°5	90°0	142°0	69°5	83°6	7°0	°854
30	29°959	29°968	29°982	29°955	29°902	29°914	29°919	29°923	29°985	73°0	89°0	142°0	71°5	83°7	8°5	°832
31	29°931	29°948	29°960	29°950	29°923	29°908	29°921	29°924	29°937	74°0	87°0	122°0	72°0	83°8	6°5	°818
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	74°0	73°0	76°0	75°0	82°0	78°0	80°0	78°0	74°0	73°0	78°5	77°0	78°5	76°2	74°0	73°0
2	75°0	74°0	78°0	76°2	83°2	79°8	84°0	78°5	85°0	79°0	84°0	79°0	85°0	76°8	74°0	73°0
3	75°5	74°0	79°0	77°0	82°8	76°5	83°5	77°0	82°4	74°8	78°0	74°0	78°0	74°0	77°0	74°0
4	74°2	73°5	76°0	74°0	80°2	78°8	83°0	78°0	86°0	78°0	86°0	78°0	86°0	76°0	78°0	76°4
5	76°0	74°5	77°0	75°0	77°8	75°0	77°0	75°0	77°0	76°8	77°0	76°0	78°0	76°0	78°0	76°5
6	73°5	72°5	76°8	75°0	84°0	79°0	84°2	78°0	86°2	77°0	86°0	76°0	82°8	76°0	80°5	78°5
7	75°0	74°0	79°0	77°0	85°5	79°0	86°5	76°0	87°0	77°0	81°8	75°4	78°0	73°4	78°0	73°0
8	74°0	72°6	77°0	74°0	83°5	78°0	85°0	77°0	84°0	77°0	84°0	77°0	84°0	76°0	79°0	74°0
9	74°5	73°0	79°0	76°0	86°0	80°0	88°0	80°0	90°0	81°0	86°8	78°6	83°0	77°0	80°0	76°0
10	76°2	74°5	78°0	76°0	82°0	79°0	85°9	76°8	82°5	78°5	76°5	73°5	79°0	77°0	75°5	74°0
11	76°0	73°8	81°0	78°0	84°0	79°0	86°0	79°0	86°5	80°0	85°0	78°8	80°0	75°0	78°0	74°0
12	76°0	73°2	80°0	75°8	83°2	78°0	83°2	77°8	84°0	76°5	84°5	76°5	83°0	76°0	79°0	74°0
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	76°0	73°0	77°0	74°0	83°0	76°0	86°0	78°5	87°0	78°0	88°5	80°0	82°0	76°0	80°0	75°0
19	75°8	74°0	77°0	74°0	84°0	78°2	87°0	79°0	91°0	79°0	86°5	76°0	84°0	75°8	82°0	76°0
20	77°0	75°0	81°8	77°0	83°0	78°0	88°0	80°0	90°0	80°0	86°0	78°0	81°0	77°0	80°0	77°0
21	78°0	75°5	81°2	77°8	84°0	78°0	87°0	79°5	86°0	79°5	83°0	77°0	80°0	76°0	79°5	76°2
22	77°4	76°0	80°0	77°5	84°0	78°0	85°0	74°8	88°0	75°5	82°2	75°4	79°0	75°0	79°0	75°0
23	76°2	73°0	80°2	77°0	83°0	77°0	84°8	77°0	85°0	78°0	85°0	78°0	82°0	76°6	79°0	75°0
24	77°2	75°0	79°0	76°0	83°8	78°0	85°5	80°0	85°8	78°6	77°2	74°0	77°5	75°0	74°8	73°0
25	75°0	74°0	78°4	76°0	84°0	77°6	85°8	77°6	85°0	77°4	85°0	78°0	80°8	75°0	79°0	75°0
26	75°4	73°0	80°0	76°4	83°5	77°8	84°0	78°0	85°4	78°5	81°0	76°8	79°2	75°0	78°0	74°8
27	73°5	73°0	78°0	77°0	85°4	78°9	84°5	76°5	84°0	78°6	80°0	75°0	76°0	74°5	78°0	73°0
28	74°8	73°0	78°0	76°4	85°2	80°0	85°0	78°0	87°4	77°8	85°0	77°8	83°0	77°0	74°0	75°0
29	74°6	73°0	80°0	76°7	85°2	79°6	86°0	79°0	86°7	78°8	87°0	78°8	80°0	75°0	78°0	75°0
30	76°0	75°0	80°0	77°2	85°0	79°0	86°7	78°8	87°0	78°8	80°0	75°0	78°0	76°0	78°2	74°6
31	76°0	74°0	81°0	77°0	85°0	78°0	84°8	77°8	77°8	74°9	80°0	77°0	78°0	75°0	75°0	74°0
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

AUGUST 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Nim.	10	E	2	Cum.	10	E	1
2	Cir.-c.	3	NW	0'5	Cir.-s.	2	W	0'5	—	—	—	—	Cum.-s.	3	—	—	Cum.	6	E	2	Cum.-s.	6	E	1
3	Cir.-c.	4	W	1	—	—	—	—	—	—	—	—	Cum.	4	E	2	Cum.-s.	9	E	1	Cum.	8	E	1
4	—	—	—	—	Cir.-s.	1	S	0'3	—	—	—	—	Cum.-s.	9	NE	1	Cum.	7	NE	2	Cum.-s.	7	E	1
5	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	—	—	Nim.	10	—	—	Cum.	6	E	1
6	Cir.-c.	1	NE	0'3	—	—	—	—	—	—	—	—	Cum.-s.	5	E	2	Cum.	7	E	1	Cum.	9	E	1
7	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	E	2	Cum.	9	E	1	Cum.	8	E	2
8	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	3	Cum.	7	E	2	Cum.	6	E	1
9	—	—	—	—	Cir.	2	SW	0'5	—	—	—	—	Cum.	5	E	1	Cum.	5	E	1	Cum.	7	E	1
10	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	ESE	1	C.N.	8	E	1	C.N.	8	E	1
11	—	—	—	—	Cir.	2	W	0'5	—	—	—	—	Cum.-s.	6	E	1	Cum.	5	E	1	Cum.	7	E	1
12	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	—	—	Cum.-s.	5	E	1	Cum.	6	E	1
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	1	Cum.	7	E	1	Cum.	5	E	1
19	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	WSW	1	Cum.	9	SW	1	Cum.	8	S	1
20	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	W	1	Cum.	9	S	2	Cum.	7	E	3
21	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	E	1	Cum.-s.	8	E	1	Cum.	7	E	1
22	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	E	1	Cum.-s.	10	E	1	Cum.	8	SE	1
23	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	SE	2	Cum.	9	S	2	Cum.	8	S	1
24	Cir.-s.	4	SW	0'5	Cir.-s.	2	S	0'5	—	—	—	—	Cum.	5	E	1	C.N.	7	E	2	Cum.	8	E	1
25	Cir.-s.	3	SW	0'5	Cir.-s.	2	S	0'5	—	—	—	—	Cum.-s.	5	—	—	Cum.	7	E	1	Cum.	7	E	1
26	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	2	Cum.-s.	8	E	1	Cum.	8	E	1
27	Cir.-s.	2	SW	0'5	—	—	—	—	—	—	—	—	Cum.	5	E	2	C.N.	9	E	2	Cum.-s.	8	SE	1
28	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	3	Cum.	5	E	3	Cum.	4	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	ESE	4	Cum.	6	ESE	1	Cum.-s.	9	E	1
30	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	SE	3	C.N.	8	E	1	Cum.	8	SE	3
31	—	—	—	—	—	—	—	—	Cir.-s.	4	W	0'5	Cum.-s.	4	SE	2	C.N.	10	S	3	—	—	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.

SEPTEMBER 1887.

Day.	BAROMETER.									TEMPERATURE.				SUN-SHINE.	Vapour	
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.			Earth.	Tension.
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.		
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	74°0	92°0	144°0	72°0	83°8	hours.	ins.
2	29°955	29°963	29°978	29°963	29°923	29°890	29°907	29°942	29°964	74°0	92°0	144°0	72°0	83°8	10°0	774
3	29°974	29°998	30°024	29°992	963	935	29°958	29°996	30°005	76°0	90°0	150°0	72°5	84°0	12°0	815
4	30°016	30°051	30°082	30°053	999	974	30°006	30°044	30°062	75°5	91°5	143°0	72°0	84°0	12°0	761
5	085	089	070	060	099	29°996	30°009	066	080	73°0	90°0	140°0	71°0	84°0	12°0	883
6	055	058	060	042	997	30°006	29°994	30°026	132	72°0	89°5	142°0	70°0	84°1	8°5	837
7	061	073	034	004	954	29°955	965	29°982	005	71°0	88°5	142°0	69°0	84°2	12°0	815
8	011	020	032	004	941	930	936	29°977	010	72°5	91°5	142°0	71°0	84°2	11°0	848
9	031	044	033	018	990	980	29°988	30°005	015	74°0	91°5	142°0	71°5	84°5	12°1	854
10	032	032	057	033	29°999	29°999	30°012	060	065	75°0	90°0	153°0	74°0	84°6	10°5	843
11	079	066	082	066	30°033	30°007	30°016	029	060	74°0	90°0	151°0	72°5	84°8	11°0	777
12	115	092	088	042	30°015	29°991	29°991	044	067	75°0	87°0	112°0	70°5	84°8	1°5	834
13	037	054	033	015	29°968	970	993	30°004	30°005	73°0	83°0	110°0	72°5	84°3	1°5	785
14	30°037	026	023	30°014	962	936	951	29°992	29°984	70°5	89°0	136°0	70°5	84°0	2°5	796
15	29°076	007	004	29°978	932	930	943	970	30°007	68°0	89°0	147°0	67°0	83°5	20°0	774
16	29°993	023	036	30°022	978	960	988	29°998	003	72°5	90°5	140°0	71°0	83°3	7°0	749
17	30°013	018	014	29°998	949	974	976	30°020	020	75°5	92°0	144°0	72°0	83°2	6°0	863
18	29°994	030	043	29°999	961	969	993	020	035	77°0	92°5	147°0	75°0	83°4	9°5	871
19	30°043	050	047	30°011	29°983	977	983	30°015	30°010	70°0	90°0	115°0	70°0	83°4	8°0	909
20	040	032	043	30°020	30°001	950	971	29°973	29°979	70°0	88°0	—	69°0	83°0	4°0	810
21	30°012	30°007	30°012	29°982	29°937	926	927	956	960	70°0	92°0	145°0	69°5	82°9	9°5	774
22	29°990	29°980	29°983	949	892	883	929	912	916	71°5	90°0	147°0	70°5	82°9	10°5	788
23	935	932	900	900	825	825	837	873	896	71°5	95°0	142°0	70°5	82°9	10°5	754
24	862	915	902	895	846	857	882	918	918	72°5	94°0	146°0	71°0	83°0	11°5	826
25	29°975	29°968	961	926	916	917	932	972	986	77°0	94°0	148°0	74°5	83°0	11°5	868
26	30°028	30°013	998	969	916	927	941	968	982	70°5	96°5	150°0	69°0	83°0	8°5	837
27	29°943	29°975	960	925	879	910	910	941	954	71°5	93°0	147°0	70°0	83°0	6°0	779
28	978	29°964	29°985	29°956	920	920	29°923	29°971	29°979	71°0	89°0	152°0	70°5	82°7	3°5	871
29	29°991	30°033	30°038	30°003	998	977	30°000	30°032	30°031	70°5	85°5	122°0	71°0	82°2	1°0	840
30	30°023	30°052	068	30°059	30°026	923	29°976	30°013	29°999	69°0	86°0	—	69°0	82°0	3°5	918
30	29°998	29°987	30°011	29°954	29°934	29°927	29°970	29°971	30°050	68°0	89°0	147°0	67°5	81°7	11°5	930
Mean	30°009	30°018	30°020	29°995	29°955	29°946	29°960	29°988	30°006	72°4	90°3	—	70°9	83°5	24°6	824

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	76°	74°	80°	77°	84°	78°	88°	78°	86°	78°	86°	78°	85°	76°	82°	81°
2	77°	76°	82°	77°	84°	78°	87°	78°	87°	78°	87°	78°	85°	77°	83°	75°
3	77°	74°	80°	77°	84°	77°	89°	78°	87°	79°	86°	79°	84°	76°	80°	76°
4	76°	74°	80°	77°	84°	77°	84°	79°	87°	79°	85°	79°	81°	76°	78°	74°
5	73°	72°	79°	76°	87°	79°	87°	79°	85°	78°	87°	79°	81°	77°	78°	73°
6	74°	73°	80°	76°	85°	79°	86°	78°	86°	78°	84°	78°	82°	76°	80°	76°
7	76°	75°	82°	78°	85°	78°	89°	80°	88°	80°	86°	79°	82°	77°	80°	76°
8	76°	74°	83°	78°	87°	80°	84°	78°	89°	80°	86°	79°	83°	77°	81°	77°
9	77°	75°	81°	79°	86°	79°	87°	79°	86°	80°	86°	78°	82°	77°	79°	74°
10	76°	74°	82°	77°	86°	79°	86°	79°	86°	80°	86°	78°	82°	77°	79°	76°
11	75°	74°	81°	78°	83°	79°	82°	78°	82°	78°	82°	78°	82°	77°	78°	76°
12	75°	74°	81°	78°	83°	79°	82°	78°	82°	78°	82°	78°	82°	77°	78°	76°
13	72°	71°	73°	71°	82°	76°	84°	77°	84°	78°	83°	77°	79°	76°	75°	73°
14	70°	69°	77°	74°	87°	79°	88°	78°	85°	78°	83°	78°	81°	76°	79°	75°
15	73°	72°	79°	77°	84°	78°	87°	79°	85°	78°	84°	78°	80°	76°	78°	74°
16	76°	75°	83°	79°	87°	80°	89°	80°	89°	80°	86°	79°	83°	77°	80°	77°
17	79°	76°	83°	78°	86°	79°	90°	81°	87°	78°	86°	80°	81°	77°	78°	75°
18	74°	72°	80°	76°	85°	79°	87°	79°	85°	78°	83°	78°	80°	76°	78°	73°
19	73°	71°	76°	74°	82°	77°	88°	78°	85°	78°	83°	78°	80°	76°	78°	73°
20	74°	72°	78°	76°	86°	78°	88°	78°	85°	78°	83°	78°	80°	76°	78°	73°
21	74°	73°	81°	77°	88°	80°	88°	80°	88°	80°	85°	78°	80°	76°	78°	73°
22	75°	73°	78°	76°	89°	78°	88°	77°	91°	81°	84°	78°	80°	76°	78°	73°
23	75°	74°	85°	79°	89°	80°	90°	81°	89°	81°	84°	78°	80°	76°	78°	73°
24	78°	77°	83°	77°	90°	80°	91°	81°	90°	80°	85°	78°	80°	76°	78°	73°
25	73°	71°	84°	79°	88°	80°	89°	79°	94°	81°	84°	78°	80°	76°	78°	73°
26	74°	73°	82°	78°	88°	81°	91°	81°	90°	80°	85°	78°	80°	76°	78°	73°
27	73°	72°	80°	76°	88°	80°	89°	79°	92°	80°	85°	78°	80°	76°	78°	73°
28	72°	71°	75°	73°	87°	79°	86°	77°	90°	80°	85°	78°	80°	76°	78°	73°
29	72°	71°	78°	76°	84°	78°	84°	79°	87°	79°	85°	78°	80°	76°	78°	73°
30	71°	69°	75°	74°	85°	79°	87°	81°	86°	79°	85°	78°	80°	76°	78°	73°
Mean	74° 7	73° 2	80° 0	76° 8	85° 7	78° 9	86° 3	78° 4	85° 7	78° 5	84° 1	77° 9	81° 0	76° 3	78° 4	74° 7

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

SEPTEMBER 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	—	—	Cum.	8	S	4	—	0	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	2	—	—	Cum.	8	S	2	Cum.	2	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	SE	4	Cum.	5	SE	2	Cum.	7	ESE	1
4	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	ENE	3	Cum.	8	E	1	Cum.	8	E	1
5	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	E	1	C.N.	9	E	1	Cum.	2	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	5	E	1	Cum.-s.	7	E	1	Cum.	4	E	1
7	Cir.	2	S	0'5	—	—	—	—	—	—	—	—	Cum.-s.	2	—	—	Cum.	6	S	2	Cum.	7	S	2
8	Cir.-c.	2	E	1	—	—	—	—	—	—	—	—	Cum.	4	—	—	Cum.-s.	8	SE	1	Cum.	4	—	—
9	—	—	—	—	Cir.-s.	3	E	0'5	—	—	—	—	Cum.-s.	7	E	2	C.N.	4	E	2	Cum.	5	E	2
10	Cir.-c.	3	SE	0'3	Cir.-c.	2	SE	0'3	—	—	—	—	Cum.	4	E	2	Cum.	5	E	1	Cum.	4	E	1
11	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	1	C.N.	9	E	1	Cum.	7	E	1
12	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	1	Cum.-s.	9	E	1	Cum.	5	E	1
13	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	9	E	2	Cum.	5	E	1
14	—	—	—	—	Cir.-s.	2	SE	0'3	—	—	—	—	Cum.-s.	3	—	—	C.N.	6	E	1	Cum.	9	E	1
15	—	—	—	—	Cir.-s.	2	W	0'5	—	—	—	—	Cum.-s.	3	—	—	Cum.	6	SSE	2	Cum.	6	SE	1
16	Cir.-c.	1	W	0'5	—	—	—	—	—	—	—	—	Cum.-s.	5	S	2	C.N.	7	S	2	Cum.	6	SE	1
17	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.	5	SE	1	Cum.	4	—	—
18	Cir.-s.	2	W	0'3	—	—	—	—	—	—	—	—	Cum.	4	E	2	C.N.	9	E	2	Cum.	2	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	2	C.N.	9	E	2	Cum.	2	—	—
20	Cir.-s.	3	S	0'3	—	—	—	—	—	—	—	—	Cum.	3	E	2	Cum.	8	SE	1	Cum.	6	SE	1
21	Cir.-s.	2	W	0'5	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	7	SE	1	Cum.	8	SE	1
22	Cir.-s.	3	W	1	—	—	—	—	—	—	—	—	Cum.	3	—	—	Cum.	3	W	1	Cum.	9	SW	1
23	Cir.-s.	2	W	0'5	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	6	SW	1	Cum.	8	S	1
24	Cir.-s.	2	SW	0'3	—	—	—	—	—	—	—	—	Cum.	4	W	1	Cum.	6	SSW	2	Cum.	8	SW	1
25	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	WSW	2	Cum.	6	S	1	Cum.-s.	8	S	1
26	—	—	—	—	—	—	—	—	—	—	—	—	Str.	1	—	—	C.N.	9	W	1	Cum.	8	S	1
27	Cir.-c.	1	W	1	—	—	—	—	—	—	—	—	Cum.	1	—	—	Cum.-s.	9	E	2	Cum.	4	—	—
28	Cir.-c.	1	SW	0'5	—	—	—	—	Cir.-c.	1	S	0'5	Cum.	5	NE	1	Nim.	10	—	0	Cum.	3	—	—
29	Cir.-c.	4	S	1	—	—	—	—	—	—	—	—	Cum.	3	—	—	Nim.	10	—	0	Cum.	4	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	—	—	Cum.	8	E	1	Cum.	5	E	1
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	4'4	—	—	—	7'3	—	1'4	—	5'3	—	—

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.

OCTOBER 1887.

Day.	BAROMETER.									TEMPERATURE.					SUN-SHINE.	Vapour
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.		Earth.		Tension.
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.		Noon.	
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	74°	89°	142°	73°	81°	hours.	ins.
2	29°977	29°975	29°989	29°957	29°914	29°901	29°915	29°903	29°990	74°	89°	142°	73°	81°	11°	807
3	29°990	29°976	30°000	29°984	950	935	945	969	976	70°	88°	142°	69°	81°	11°	716
4	30°003	30°038	30°022	30°007	944	942	956	950	950	71°	89°	142°	69°	81°	11°	860
5	29°952	29°990	29°972	29°948	918	892	904	949	957	74°	90°	120°	72°	81°	1°	793
6	925	933	905	916	875	911	898	927	935	70°	92°	144°	70°	81°	5°	830
7	989	973	960	958	944	955	960	998	996	70°	86°	98°	70°	81°	7°	860
8	995	985	986	953	902	918	919	925	926	70°	87°	142°	70°	81°	5°	840
9	945	957	941	912	882	862	893	926	950	70°	86°	132°	70°	81°	7°	840
10	960	979	960	927	892	921	920	962	993	70°	90°	144°	69°	81°	11°	721
11	941	964	969	930	907	911	924	952	946	70°	90°	146°	69°	81°	9°	840
12	939	958	948	907	869	888	896	925	957	70°	87°	141°	69°	81°	10°	738
13	937	29°934	29°935	29°931	924	941	937	29°974	30°001	74°	87°	150°	70°	81°	8°	837
14	963	30°001	30°028	30°065	994	971	991	30°029	30°029	72°	88°	144°	70°	81°	6°	846
15	978	29°996	29°990	29°954	922	926	929	29°975	29°976	71°	90°	143°	70°	81°	9°	799
16	968	30°006	29°962	29°964	935	926	930	30°001	30°014	71°	87°	150°	69°	81°	10°	807
17	29°989	30°016	30°026	30°003	960	953	971	29°974	29°976	70°	88°	146°	68°	81°	11°	779
18	30°001	30°029	30°048	29°985	957	949	951	976	968	70°	91°	145°	69°	81°	10°	857
19	29°970	29°987	30°015	30°072	941	923	948	970	970	68°	87°	145°	67°	81°	10°	829
20	961	29°991	30°009	30°012	937	915	937	29°979	29°996	68°	89°	132°	68°	81°	10°	793
21	978	30°009	30°012	30°074	939	959	961	30°001	30°011	67°	89°	144°	65°	81°	11°	801
22	969	29°998	29°984	29°932	907	924	924	29°990	29°990	68°	89°	143°	66°	81°	11°	706
23	29°977	30°001	29°984	29°969	942	957	952	29°998	29°998	69°	90°	144°	68°	81°	11°	779
24	30°027	30°029	30°043	30°018	993	993	29°994	30°026	30°026	70°	91°	147°	69°	81°	11°	820
25	021	061	064	063	30°008	992	30°004	30°038	054	69°	90°	147°	69°	81°	11°	943
26	031	041	061	030	29°969	29°974	29°998	024	026	69°	89°	144°	68°	81°	6°	897
27	031	085	065	032	29°994	30°001	30°006	044	063	70°	88°	119°	69°	81°	3°	834
28	059	110	095	068	30°045	30°051	30°045	079	079	74°	88°	148°	70°	81°	11°	657
29	30°070	077	074	30°054	29°988	29°993	30°017	30°027	67°	87°	132°	65°	81°	9°	10°	848
30	29°993	30°030	30°021	29°980	940	923	914	29°955	29°969	70°	86°	138°	70°	81°	8°	848
31	29°973	29°982	30°016	29°942	906	911	920	29°974	29°974	67°	86°	144°	67°	81°	11°	697
31	30°002	30°028	30°016	30°013	29°945	29°947	29°968	29°998	30°009	72°	90°	143°	69°	81°	11°	823
Mean	29°984	30°004	30°005	29°978	29°940	29°939	29°949	29°981	29°991	70°	88°	140°	69°	81°	284°	808

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	76°	74°	79°	77°	80°	80°	80°	78°	86°	77°	85°	77°	81°	75°	79°	74°
2	73°	71°	79°	77°	83°	83°	83°	78°	87°	75°	85°	77°	81°	76°	79°	73°
3	73°	71°	82°	77°	86°	86°	86°	79°	85°	77°	86°	79°	80°	74°	79°	74°
4	76°	75°	77°	75°	85°	81°	79°	76°	79°	75°	79°	76°	76°	74°	74°	74°
5	72°	71°	77°	74°	84°	78°	87°	79°	85°	80°	73°	71°	73°	71°	73°	72°
6	73°	72°	81°	78°	85°	79°	83°	78°	76°	74°	75°	74°	78°	73°	72°	72°
7	72°	71°	75°	74°	82°	76°	84°	78°	85°	78°	81°	77°	78°	76°	75°	74°
8	73°	72°	74°	73°	85°	80°	84°	78°	83°	74°	78°	74°	77°	74°	76°	74°
9	74°	73°	79°	76°	86°	79°	86°	76°	84°	76°	79°	76°	79°	77°	75°	73°
10	73°	72°	78°	76°	86°	76°	89°	80°	84°	76°	77°	74°	77°	74°	76°	74°
11	73°	72°	84°	78°	84°	78°	84°	76°	84°	77°	79°	75°	77°	78°	78°	75°
12	75°	73°	80°	76°	83°	76°	85°	78°	85°	78°	80°	74°	77°	75°	74°	74°
13	75°	73°	81°	76°	83°	76°	86°	79°	83°	74°	76°	74°	78°	74°	75°	72°
14	75°	73°	81°	76°	84°	77°	87°	78°	86°	78°	80°	75°	78°	74°	77°	74°
15	74°	72°	79°	76°	85°	78°	86°	78°	85°	78°	81°	77°	79°	75°	77°	74°
16	73°	71°	78°	76°	83°	78°	82°	77°	85°	78°	82°	76°	78°	76°	78°	73°
17	72°	71°	79°	76°	87°	78°	87°	79°	86°	80°	82°	76°	78°	75°	78°	73°
18	72°	71°	75°	73°	81°	75°	84°	78°	83°	77°	80°	74°	77°	73°	75°	73°
19	73°	72°	77°	75°	81°	75°	83°	78°	85°	78°	84°	76°	78°	74°	76°	73°
20	68°	68°	76°	73°	83°	77°	85°	77°	85°	75°	81°	78°	78°	74°	76°	73°
21	72°	70°	77°	73°	84°	74°	84°	74°	87°	74°	86°	75°	79°	77°	74°	71°
22	72°	70°	77°	73°	86°	77°	87°	78°	87°	78°	81°	75°	79°	78°	77°	73°
23	73°	71°	75°	73°	83°	77°	85°	78°	84°	75°	83°	76°	79°	74°	77°	74°
24	71°	71°	77°	75°	80°	77°	86°	78°	83°	77°	81°	75°	77°	75°	75°	73°
25	73°	72°	79°	77°	82°	78°	86°	78°	85°	78°	83°	76°	79°	74°	77°	73°
26	71°	71°	76°	74°	85°	79°	83°	76°	81°	75°	78°	74°	75°	73°	78°	74°
27	71°	71°	83°	78°	85°	74°	85°	74°	83°	75°	80°	74°	76°	71°	76°	72°
28	69°	68°	75°	72°	82°	75°	83°	78°	82°	75°	78°	73°	76°	72°	75°	72°
29	72°	71°	76°	74°	79°	76°	84°	78°	84°	77°	79°	74°	77°	73°	74°	70°
30	72°	71°	81°	74°	85°	74°	85°	75°	85°	76°	83°	76°	79°	74°	80°	75°
31	72°	71°	81°	74°	85°	74°	85°	75°	85°	76°	83°	76°	79°	74°	80°	75°
Mean	73°	71°	78°	75°	83°	77°	84°	77°	84°	76°	81°	75°	78°	76°	78°	73°

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.

OCTOBER 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	Cir.-c.	2	S	0°3	—	—	—	—	—	—	—	—	Cum.	3	—	—	Cum.	7	E	1	Cum.	6	E	1
2	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	—	—	Cum.	5	E	1	Cum.	2	—	—
3	Cir.	3	W	0°3	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.	9	E	1	Cum.	5	E	1
4	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	10	SW	1	C.N.	10	S	1	Cum.	8	E	1
5	Cir.-c.	3	W	0°5	—	—	—	—	—	—	—	—	Cum.-s.	4	E	1	C.N.	8	E	1	Cum.	9	E	1
6	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	SE	0°5	Nim.	10	—	0	Cum.	10	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Cum.	10	—	—	Cum.	7	E	1
8	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Cum.	8	E	1	Cum.	5	E	1
9	Cir.-s.	3	W	1	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	9	S	1	Cum.	1	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	8	W	1	C.N.	8	W	0°5	Cum.	7	SW	1
11	Cir.-c.	2	SE	0°5	—	—	—	—	—	—	—	—	Cum.-s.	4	SE	1	C.N.	7	SE	3	Cum.	1	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	2	—	—	C.N.	9	SE	2	Cum.	3	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	Nim.	10	—	2	C.N.	8	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	C.N.	7	SE	2	—	3	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	Str.	1	—	—	Cum.	7	E	2	Cum.	2	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	9	E	2	Cum.	1	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	E	1	C.N.	8	E	1	Cum.	2	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	1	—	—	Cum.	7	E	2	Cum.	1	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	ENE	2	Cum.	5	E	1	Cum.	2	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	1	—	—	Cum.	5	N	1	Cum.	9	N	1
21	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	Cum.	6	SW	2	Cum.	8	W	1
22	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	Cum.	6	S	2	Cum.-s.	4	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	9	ENE	2	Cum.	6	NE	2	Cum.	8	ENE	2
24	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	2	C.N.	10	—	0	Cum.	8	NE	1
25	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	3	Cum.	7	E	2	Cum.	5	E	1
26	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	1	C.N.	8	E	2	Cum.	7	E	1
27	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	1	Cum.	8	E	3	Cum.	8	ENE	1
28	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	E	2	Cum.	8	E	2	Cum.	10	E	1
29	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	—	—	Cum.	8	E	1	Cum.	8	W	1
30	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	4	SW	1	Cum.	4	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	S	2	Cum.	7	S	2	Cum.	8	SE	1
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	4'7	—	—	—	7'6	—	1'5	—	5'5	—	—

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
NOVEMBER 1887.

Day.	BAROMETER.									TEMPERATURE.				SUN-SHINE.	Vapour Tension.	
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.				Earth.
										Min.	Max.	Solar.	Grass.			
6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.	Noon.			
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	75°0	87°5	136°0	72°0	82°0	hours.	ins.
2	30°024	30°029	30°014	29°990	29°958	29°948	29°958	30°020	30°014	75°0	87°5	136°0	72°0	82°0	8'0	834
3	29°975	29°978	29°995	952	918	918	928	29°939	29°949	70°5	91°5	145°0	69°0	82°1	9°5	829
4	29°977	29°988	30°010	969	928	915	939	973	979	70°0	88°0	144°0	69°0	82°2	10°5	843
5	29°995	30°002	29°974	29°949	948	955	961	29°974	29°979	68°5	88°0	150°0	68°0	82°4	9°5	639
6	30°017	029	30°015	30°010	972	960	980	30°009	30°019	70°5	89°0	142°0	69°5	82°6	11°0	857
7	30°025	035	046	30°024	975	965	971	30°007	30°007	69°5	91°0	156°0	67°0	82°8	11°0	820
8	29°999	000	30°013	29°980	956	952	941	29°939	29°981	68°0	88°0	140°0	66°0	82°9	5°0	801
9	965	30°002	29°987	961	919	919	895	929	942	72°5	81°0	—	72°0	82°8	0°0	801
10	917	29°937	976	950	882	885	895	945	940	70°5	88°0	114°0	70°5	82°8	6°0	848
11	955	982	29°980	958	910	926	946	976	979	70°5	88°0	147°0	70°0	82°2	9°5	782
12	965	991	30°003	960	904	906	919	945	961	70°0	89°5	140°0	68°5	82°2	8°5	823
13	943	961	29°958	910	872	865	887	904	918	71°0	91°0	149°0	70°0	82°2	10°5	792
14	980	29°975	29°984	29°972	931	932	959	29°971	29°974	68°5	87°0	139°0	67°5	82°2	11°0	701
15	29°993	30°035	30°046	30°011	965	976	979	30°005	30°023	71°0	87°0	100°0	70°5	82°2	3°5	860
16	30°016	30°026	30°022	29°977	919	915	930	29°968	29°980	69°0	88°0	142°0	69°0	82°2	10°5	764
17	29°965	29°979	29°988	29°974	941	942	29°953	29°991	30°007	69°0	89°0	139°0	67°5	82°2	10°5	790
18	30°000	30°018	30°042	30°029	29°992	994	30°005	30°033	045	71°0	79°4	—	70°0	82°2	0°1	865
19	30°043	048	055	30°037	30°005	990	30°006	30°023	30°004	69°5	85°0	122°0	68°0	82°0	2°5	840
20	29°992	30°007	30°023	29°990	29°918	918	29°923	29°957	29°965	68°0	85°0	138°5	66°0	81°0	8°5	733
21	948	29°966	29°970	958	910	923	923	949	966	68°5	88°0	142°0	67°5	81°0	10°5	785
22	971	29°995	30°001	29°977	29°956	29°937	29°932	29°973	29°979	69°0	88°0	143°0	67°5	81°1	9°0	823
23	29°953	30°019	060	30°061	30°018	30°020	30°025	30°043	30°057	68°5	81°0	100°0	68°0	81°0	5°5	718
24	30°026	30°045	30°049	30°023	29°979	29°977	29°993	29°999	29°999	69°5	79°0	105°0	69°0	80°6	1°0	657
25	29°967	29°968	29°979	29°944	908	912	961	955	935	68°5	81°0	120°0	68°0	80°0	6°5	785
26	937	30°003	960	941	904	905	927	934	945	67°0	83°0	149°0	65°5	79°6	4°0	699
27	913	29°919	901	918	865	861	874	890	877	67°0	84°0	—	67°0	79°2	5°5	756
28	886	900	892	873	802	786	826	898	921	66°0	88°0	—	65°0	79°0	8°0	851
29	889	895	915	894	853	842	871	888	926	66°5	88°0	—	66°0	78°8	10°5	744
30	929	938	955	911	865	860	859	877	880	73°0	86°0	—	70°0	79°0	11°0	779
30	29°869	29°895	29°843	29°791	29°766	29°760	29°723	29°804	29°819	68°0	92°0	—	66°0	79°1	7°5	718
Mean	29°966	29°986	29°991	29°963	29°921	29°919	29°931	29°958	29°966	69°5	86°6	—	68°3	81°4	224°6	784

Day.	DRY-BULB AND WET-BULB THERMOMETERS.															
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	77°	74°	81°	76°	82°	76°	83°	77°	85°	78°	83°	76°	80°	76°	77°	76°
2	73°	72°	85°	78°	86°	78°	89°	79°	90°	80°	81°	76°	80°	76°	77°	74°
3	71°	70°	77°	75°	86°	79°	86°	78°	86°	78°	86°	74°	80°	74°	77°	72°
4	70°	70°	75°	73°	82°	76°	85°	76°	86°	77°	82°	77°	78°	75°	76°	72°
5	72°	71°	77°	75°	86°	79°	85°	78°	87°	76°	83°	76°	80°	76°	74°	72°
6	72°	71°	76°	73°	86°	78°	86°	78°	85°	76°	83°	75°	79°	73°	77°	72°
7	69°	68°	72°	70°	83°	79°	83°	78°	87°	77°	83°	75°	79°	73°	77°	72°
8	73°	72°	78°	74°	85°	78°	86°	78°	87°	76°	83°	75°	79°	73°	77°	72°
9	72°	71°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
10	72°	71°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
11	72°	71°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
12	73°	72°	78°	74°	85°	78°	86°	78°	87°	76°	83°	75°	79°	73°	77°	72°
13	71°	70°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
14	72°	71°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
15	70°	69°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
16	72°	71°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
17	72°	71°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
18	73°	72°	78°	74°	85°	78°	86°	78°	87°	76°	83°	75°	79°	73°	77°	72°
19	69°	68°	72°	70°	83°	79°	83°	78°	87°	77°	83°	75°	79°	73°	77°	72°
20	72°	71°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
21	70°	69°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
22	70°	69°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
23	70°	69°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
24	72°	71°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
25	70°	69°	75°	73°	80°	77°	81°	77°	83°	77°	80°	76°	78°	75°	76°	72°
26	68°	68°	72°	70°	83°	79°	83°	78°	87°	77°	83°	75°	79°	73°	77°	72°
27	69°	68°	72°	70°	83°	79°	83°	78°	87°	77°	83°	75°	79°	73°	77°	72°
28	68°	67°	72°	70°	83°	79°	83°	78°	87°	77°	83°	75°	79°	73°	77°	72°
29	75°	72°	78°	74°	88°	81°	88°	81°	88°	81°	88°	81°	88°	81°	88°	81°
30	72°	69°	77°	74°	83°	78°	87°	77°	83°	77°	80°	76°	78°	75°	76°	72°
Mean	71°	70°	76°	73°	81°	76°	82°	76°	83°	76°	80°	75°	77°	73°	75°	72°

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, SAN DOMINGO.
NOVEMBER 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.											
	6 A.M.				2 P.M.				10 P.M.				6 A.M.				2 P.M.				10 P.M.			
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	Cir.-s.	2	S	0°	—	—	—	—	Cum.-s.	10	W	1	Cum.	5	W	1	Cum.	8	S	3
2	Cir.-s.	2	E	0°	—	—	—	—	—	—	—	—	Cum.	1	—	—	Cum.	6	S	2	Cum.	9	S	1

OBSERVATIONS TAKEN AT SANCHEZ, SAN DOMINGO.
SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
DECEMBER 1887.

DECEMBER 1887.																
Day.	BAROMETER.									TEMPERATURE.					SUN-SHINE.	Vapour Tension.
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.		Earth.		
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.			
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.						Noon.	
1	29.830	29.830	29.873	29.863	29.844	29.833	29.853	29.887	29.909	69.0	83.0	—	66.5	79.2	ins.	
2	29.853	29.848	29.969	29.961	29.935	29.937	29.989	30.018	30.018	64.0	78.0	—	62.0	79.0	5.62	
3	29.982	30.004	30.077	30.057	30.029	30.026	30.020	30.049	30.072	64.0	80.0	—	62.0	78.2	4.62	
4	30.064	30.084	30.093	30.047	30.031	30.026	30.037	30.039	30.033	62.5	80.0	—	59.5	77.8	4.59	
5	30.034	30.053	30.060	30.059	30.057	30.056	30.056	30.056	30.048	62.0	80.0	—	60.5	77.0	4.61	
6	30.044	30.053	30.060	30.059	30.057	30.056	30.056	30.056	30.048	61.5	80.0	—	60.5	76.8	4.63	
7	30.088	30.089	30.143	30.109	30.073	30.069	30.067	30.079	30.074	61.5	82.0	—	59.0	76.4	4.65	
8	30.112	30.130	30.137	30.099	30.044	30.034	30.038	30.042	30.053	61.5	84.0	—	59.5	76.2	4.68	
9	30.068	30.089	30.107	30.071	30.012	30.003	30.008	30.042	30.033	63.0	85.0	—	60.5	76.5	4.71	
10	30.083	30.078	30.100	30.068	30.020	30.015	30.032	30.040	30.052	63.0	84.5	—	60.5	76.8	4.74	
11	30.069	30.060	30.093	30.041	30.015	30.023	30.032	30.053	30.065	63.0	82.0	—	60.5	77.0	4.76	
12	30.040	30.081	30.128	30.098	30.062	30.053	30.050	30.087	30.109	66.5	82.0	—	64.5	77.5	4.78	
13	30.089	30.094	30.125	30.091	30.037	30.037	30.056	30.093	30.100	66.0	81.0	—	64.5	77.5	4.81	
14	30.107	30.113	30.129	30.095	30.059	30.058	30.064	30.072	30.095	66.0	82.0	—	64.5	77.5	4.84	
15	30.066	30.102	30.106	30.069	30.025	30.017	30.006	30.049	30.069	64.5	85.0	—	62.5	77.1	4.87	
16	30.045	30.098	30.132	30.049	30.011	30.005	30.002	30.037	30.042	60.5	88.0	—	62.5	77.0	4.90	
17	30.030	30.036	30.050	30.017	29.951	29.960	29.982	30.013	30.025	62.0	83.0	—	60.0	77.0	4.93	
18	30.070	30.079	30.067	30.070	30.020	30.005	30.047	30.047	30.043	64.0	85.0	—	61.5	77.0	4.96	
19	30.105	30.131	30.147	30.120	30.070	30.074	30.091	30.123	30.137	66.5	83.0	—	65.0	77.4	4.99	
20	30.102	30.133	30.145	30.113	30.056	30.053	30.085	30.096	30.126	67.0	83.5	—	66.0	77.8	5.02	
21	30.112	30.136	30.143	30.114	30.062	30.055	30.085	30.093	30.126	65.0	83.0	—	63.0	78.0	5.05	
22	30.110	30.124	30.123	30.085	30.035	30.039	30.047	30.062	30.087	65.0	82.0	—	63.0	78.0	5.08	
23	30.065	30.092	30.119	30.095	30.014	30.043	30.044	30.041	30.039	63.0	85.0	—	61.0	78.0	5.11	
24	30.048	30.087	30.086	30.058	30.007	30.011	30.038	30.043	30.043	69.0	85.0	—	67.0	78.2	5.14	
25	30.056	30.087	30.106	30.068	30.012	29.994	30.015	30.061	30.067	65.5	86.0	—	63.0	78.5	5.17	
26	30.042	30.061	30.105	30.046	30.018	30.025	30.025	30.049	30.056	68.0	86.0	—	63.0	78.5	5.20	
27	30.062	30.124	30.130	30.114	30.059	30.059	30.116	30.111	30.097	65.0	84.0	—	63.5	79.0	5.23	
28	30.148	30.171	30.177	30.150	30.096	30.105	30.119	30.163	30.163	65.0	84.0	—	63.5	79.0	5.26	
29	30.200	30.182	30.175	30.166	30.094	30.096	30.095	30.104	30.132	67.0	84.5	—	65.0	79.1	5.29	
30	30.120	30.120	30.138	30.118	30.068	30.035	30.040	30.081	30.093	68.0	85.0	—	66.0	79.1	5.32	
31	30.110	30.138	30.159	30.126	30.092	30.073	30.106	30.135	30.141	63.5	85.0	—	61.5	79.3	5.35	
Mean	30.066	30.083	30.101	30.074	30.028	30.025	30.039	30.061	30.073	64.8	83.1	—	62.9	77.8	5.38	

DRY-BULB AND WET-BULB THERMOMETERS.

Day.	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.		Wet.		Dry.		Wet.		Dry.		Wet.		Dry.		Wet.		Dry.	
1	72.0	68.0	74.0	69.0	78.8	70.4	81.5	70.0	81.0	71.8	79.0	71.0	74.0	68.5	72.2	69.0	66.0	66.0
2	68.0	65.0	71.0	68.0	73.0	69.0	74.0	69.0	74.0	69.2	73.5	70.0	69.0	68.5	67.2	69.0	66.5	66.5
3	66.5	63.0	66.0	63.0	70.8	67.0	74.5	68.0	74.0	68.0	73.6	64.0	69.0	64.0	63.8	68.5	66.5	66.5
4	65.8	63.8	68.5	65.5	70.8	67.0	74.5	68.0	74.0	69.5	74.0	67.8	72.0	64.0	61.5	70.0	66.0	66.0
5	65.0	63.8	65.5	63.5	70.8	67.0	74.5	68.0	74.0	69.5	74.0	67.8	72.0	64.0	61.5	70.0	66.0	66.0
6	64.0	62.8	65.0	63.0	70.8	67.0	74.5	68.0	74.0	69.5	74.0	67.8	72.0	64.0	61.5	70.0	66.0	66.0
7	64.0	62.8	65.0	63.0	70.8	67.0	74.5	68.0	74.0	69.5	74.0	67.8	72.0	64.0	61.5	70.0	66.0	66.0
8	63.0	62.0	65.0	63.0	70.8	67.0	74.5	68.0	74.0	69.5	74.0	67.8	72.0	64.0	61.5	70.0	66.0	66.0
9	64.0	62.9	66.2	64.9	75.0	70.2	82.0	70.0	82.0	71.0	78.5	69.6	73.0	68.0	71.5	68.0	70.0	68.0
10	66.0	64.8	69.0	67.0	81.0	74.2	82.0	73.8	79.0	74.0	79.0	72.0	75.0	70.0	74.0	70.0	70.0	67.5
11	74.0	73.0	75.0	73.5	80.0	76.0	81.0	74.0	81.0	73.5	80.0	74.0	76.0	71.2	75.0	70.5	75.0	72.5
12	74.0	73.4	71.0	70.0	74.0	71.2	78.0	76.0	74.0	71.2	78.0	76.0	74.0	71.2	75.0	70.5	75.0	72.5
13	68.0	67.0	70.8	68.8	77.0	72.5	77.0	72.0	77.0	72.0	77.0	72.0	74.0	71.8	73.0	69.0	70.0	69.0
14	67.0	66.0	71.0	70.0	76.8	70.0	75.8	70.4	73.0	69.5	73.5	70.8	71.5	70.0	69.0	70.0	69.0	67.8
15	66.5	65.0	69.0	68.0	75.7	70.4	83.4	73.0	79.0	70.0	76.0	68.0	72.0	67.0	70.5	69.0	69.0	67.8
16	63.0	62.0	67.0	65.5	76.4	71.4	84.0	74.0	78.0	69.4	78.9	69.9	73.0	64.0	72.0	67.0	70.5	67.0
17	64.0	63.0	67.0	65.0	77.0	71.2	78.8	71.2	78.7	73.0	79.0	72.0	75.0	71.0	73.5	70.5	69.0	67.0
18	67.0	66.0	71.8	69.0	80.0	73.0	83.8	76.0	84.5	74.5	80.5	74.6	77.0	73.4	76.8	70.5	69.0	67.0
19	68.5	67.9	71.8	70.0	82.0	76.6	81.0	75.0	81.0	75.0	80.0	72.5	75.5	71.0	74.5	70.0	74.0	69.0
20	66.9	66.0	71.5	69.8	75.0	72.0	74.4	71.8	78.0	73.0	78.0	73.0	70.0	75.0	69.5	75.0	69.8	67.0
21	68.0	67.0	70.8	69.8	80.0	72.0	78.2	79.0	74.0	77.2	73.0	69.0	72.5	69.0	71.0	68.0	69.0	67.0
22	64.5	64.0	71.0	69.0	79.8	74.0	82.0	73.0	81.8	73.8	78.0	73.5	75.4	69.2	74.0	71.0	68.0	67.0
23	71.5	70.2	74.0	71.5	80.5	73.0	83.6	76.8	84.0	72.0	78.0	73.0	75.0	71.0	74.8	70.5	73.5	69.8
24	67.0	66.2	70.4	69.6	77.4	70.0	81.0	76.5	81.2	73.2	79.0	74.5	77.0	73.0	74.6	70.5	73.5	69.8
25	70.0	69.0	73.8	71.8	79.0	76.3	81.0	76.5	81.2	73.2	79.0	74.5	77.0	73.0	74.6	70.5	73.5	69.8
26	67.0	66.0	70.0	69.0	75.0	70.0	80.2	76.0	81.0	73.0	78.0	73.0	75.0	71.0	74.6	70.5	73.5	69.8
27	66.0	65.0	68.0	67.0	75.0	70.0	80.2	76.0	81.0	73.0	78.0	73.0	75.0	71.0	74.6	70.5	73.5	69.8
28	68.0	67.0	73.0	71.0	81.0	75.0	80.5	74.6	80.0	74.6	79.0	74.0	77.0	73.0	74.8	70.0	74.0	69.6
29	71.0	69.8	73.0	71.0	82.0	76.8	82.8	76.8	82.0	76.5	80.0	70.8	74.0	69.2	72.0	68.8	72.0	68.0
30	65.0	64.0	68.5	67.0	78.0	73.0	81.5	76.0	80.0	74.6	80.0	74.5	75.0	69.5	74.0	70.0	73.0	69.0
Mean	67.2	66.0	69.9	68.2	77.1	72.0	79.5	72.7	79.4	72.0	77.8	71.2	73.9	69.3	72.8	69.0	72.0	68.7

OBSERVATIONS TAKEN AT SANCHEZ, SAN DOMINGO.

Thermometers, 4 feet above ground. Rain-gauge 1 foot above ground.—SANCHEZ, SAN DOMINGO.

DECEMBER 1887.

Day.	UPPER CLOUDS.												LOWER CLOUDS.
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SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge 1 foot above ground.

JANUARY 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fahr. and Mean Sea Level.																			
					7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
	ins.	ins.	ins.	ins.														hours.	ins.	
1	30°170	30°218	30°146	30°229	70°0	68°9	74°0	74°6	80°8	73°2	74°0	68°0	65°0	84°0	—	64°0	79°3	8°4	°04	
2	254	272	202	234	66°0	64°8	75°0	70°0	80°0	73°0	73°0	69°2	62°5	85°0	—	60°5	79°5	7°3	—	
3	186	250	161	211	71°0	65°4	78°0	74°8	81°0	70°0	70°0	64°0	67°5	84°0	—	60°5	79°6	8°2	—	
4	191	236	163	209	65°0	63°8	75°0	70°0	79°5	72°0	74°0	70°0	62°0	89°0	—	58°5	79°6	7°2	—	
5	194	194	144	193	69°9	64°2	78°0	69°0	79°0	69°0	73°0	67°5	60°5	82°0	—	59°5	79°6	7°5	°08	
6	180	223	135	186	65°0	64°0	67°5	66°8	79°9	70°0	71°6	66°2	63°0	82°0	—	61°5	79°5	7°3	°03	
7	168	176	127	167	63°0	62°0	70°0	66°0	78°0	67°4	72°6	66°6	60°0	81°5	—	58°0	79°2	8°9	—	
8	156	190	123	177	66°6	65°4	77°9	67°9	79°0	69°0	70°8	68°0	62°0	83°0	—	59°0	79°0	5°7	—	
9	160	200	124	193	66°4	65°2	75°0	71°0	77°5	69°0	71°5	68°0	65°0	83°0	—	61°0	79°0	7°0	°04	
10	188	212	126	183	66°0	65°0	75°0	71°8	80°0	71°4	71°6	68°0	63°0	83°0	—	61°0	79°0	7°0	°01	
11	182	205	148	198	66°0	65°0	76°0	72°0	74°6	72°5	72°0	70°0	64°0	85°0	—	60°5	79°1	4°7	°03	
12	209	260	198	268	69°0	67°5	78°8	73°0	78°0	72°5	74°0	68°5	67°5	85°0	—	64°0	79°2	9°1	°30	
13	243	277	224	239	72°4	68°4	78°9	71°8	74°8	70°0	72°8	68°0	70°0	83°0	—	64°5	79°5	5°8	°03	
14	235	271	183	229	74°0	69°8	77°6	73°7	79°0	70°0	72°0	67°0	70°0	83°0	—	66°0	79°4	6°5	°01	
15	231	249	177	253	66°0	65°0	71°0	70°0	78°8	70°0	72°2	67°5	61°5	81°0	—	59°0	79°3	7°0	°05	
16	216	261	167	217	69°2	66°8	76°0	70°0	75°0	70°0	71°8	67°2	66°0	81°0	—	61°0	79°2	6°9	°03	
17	202	227	160	195	69°0	65°0	74°5	70°4	77°0	66°2	69°0	66°0	65°5	80°0	—	61°0	79°1	9°3	°09	
18	158	184	082	112	64°5	63°0	67°0	66°0	75°9	67°8	68°8	65°6	62°0	80°0	—	60°0	79°0	5°8	°32	
19	094	134	065	157	63°0	62°0	68°2	66°0	79°8	71°0	70°5	68°0	60°5	84°0	—	59°0	78°8	7°9	—	
20	151	201	148	213	67°2	66°5	71°0	69°5	79°0	70°8	71°2	68°0	64°0	83°0	—	61°0	78°5	4°8	°18	
21	219	253	175	216	67°0	66°4	74°0	71°0	78°4	71°8	73°0	71°0	64°0	79°0	—	62°0	78°5	7°2	°27	
22	203	263	194	193	65°0	61°7	75°2	72°0	75°0	72°0	70°0	66°0	64°0	79°0	—	60°5	78°7	7°9	°37	
23	197	236	159	182	64°5	64°0	76°0	72°0	78°0	74°8	73°0	69°0	64°5	80°7	—	60°5	78°5	6°4	°40	
24	189	197	117	178	66°4	66°0	76°5	72°0	78°0	74°8	73°0	69°0	64°5	80°7	—	62°0	78°5	9°1	—	
25	162	202	141	145	66°0	63°4	76°8	72°7	79°6	74°4	71°0	67°0	65°0	80°0	—	58°5	78°5	10°3	°05	
26	158	193	090	113	65°2	64°4	73°0	69°5	83°0	73°0	70°0	62°0	84°5	—	63°0	78°5	9°0	°02		
27	104	185	139	106	70°4	68°8	76°2	72°0	84°0	70°0	74°0	72°0	67°0	84°5	—	65°0	79°0	7°8	—	
28	123	132	086	087	73°0	70°0	79°0	74°0	86°0	75°5	73°5	70°5	69°5	86°0	—	68°5	79°0	0°0	°04	
29	143	160	145	132	74°5	73°5	76°0	70°0	70°5	68°0	66°5	65°5	66°0	76°0	—	59°5	79°0	5°8	1°20	
30	165	193	132	121	66°5	65°0	73°0	70°0	75°0	71°0	71°0	68°0	62°4	81°5	—	65°5	78°5	7°1	°43	
31	30°200	30°198	30°126	30°147	68°0	67°5	70°2	67°4	77°5	70°0	71°0	68°0	67°0	81°0	—	61°5	79°0	220°7	4°92	
Mean	30°183	30°215	30°145	30°185	67°6	65°9	74°5	70°4	78°8	70°9	71°8	68°0	64°6	82°5	—	61°5	79°0	220°7	4°92	

Day.	LOWER CLOUDS.								WIND.				REMARKS.
	9 A.M.				9 P.M.				Direction and Force.		Vel.		
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.	9 p.m.			
1	Cum.	9	E	2	Cum.	3	—	—	W	1	Calm	0	miles.
2	Cum.-s.	7	E	3	Cum.	2	—	—	W	1	E	0°5	190
3	Cum.	2	—	—	Cum.	1	—	—	WSW	1	E	1	215
4	Cum.	4	E	2	Cum.	5	E	1	W	1	ENE	1	130
5	Cum.	7	E	2	Cum.	6	N	1	W	1	NbyE	2	125
6	Cum. Nim.	10	ENE	1	Cum.	5	NNE	1	W	1	NbyE	1	120
7	Cum.-s.	4	E	2	Cum.	8	NE	1	W	1	ENE	1	130
8	Cum.	7	E	2	Cum.	5	ESE	1	E	2	ENE	1	50
9	Cum.	4	E	2	Cum.	4	E	2	SW	1	Calm	0	95
10	Cum.	8	E	2	Cum.	4	E	1	W	1	Calm	0	100
11	Cum.	5	E	3	Cum.	9	E	2	W	1	E	1	110
12	Cum.	7	E	3	Cum.	6	E	2	SSW	1	NNE	2	145
13	Cum.	9	E	4	Cum.	6	NE	3	E	2	NNE	3	185
14	Cum.	9	E	3	Cum.	4	—	—	E	1	ENE	1	200
15	Cum. Nim.	9	E	2	Cum.	4	—	—	SSW	1	ENE	1	120
16	Cum.	6	SEBYN	2	Cum.	7	NE	2	E	2	NNE	2	225
17	Cum.	7	ENE	3	Cum. Nim.	10	—	—	SSW	1	ENE	1	80
18	Nim.	10	—	—	Scr.	1	—	—	W	1	Calm	0	200
19	Cum.-s.	9	NNE	2	Cum.	8	N	2	W	1	Calm	0	125
20	Cum.	10	—	—	Cum.	3	—	—	W	1	Calm	0	70
21	Cum.	7	E	1	Cum.	4	E	1	W	1	E	0°5	100
22	Cum.	7	E	1	Cum.	4	—	—	WbyS	1	Calm	0	155
23	Cum.	7	E	1	Cum.	2	—	—	WbyS	1	NW	0°5	50
24	Cum.	8	E	1	Cum.	4	S	1	W	1	NE	1	100
25	Cum.	6	E	2	Cum.	1	—	—	WSW	1	Calm	0	125
26	Cum.	2	E	2	Cum.	6	S	2	W	1	Calm	0	100
27	Cum.	5	W	1	Cum.	10	S	1	W	1	Calm	0	125
28	Cum.	8	N	1	Cum.	6	N	1	E	1	Calm	0	150
29	Nim.	10	—	—	Cum.	6	E	1	Calm	0	Calm	0	100
30	Cum.	6	E	3	Cum.	9	E	2	W	1	Calm	0	45
31	Cum. Nim.	10	—	—	Cum.	6	E	2	W	1	Calm	0	75
Mean	—	7°1	—	—	—	5°1	—	—	—	—	—	—	125°6

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

FEBRUARY 1888.

Day.	BAROMETER.				TEMPERATURE.														Sun- SHINE.	RAIN- FALL.
	At 32° Fahr. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	ins. 30°159	ins. 30°187	ins. 30°101	ins. 30°139	66°0	68°5	76°0	70°0	79°0	72°0	71°0	67°0	63°0	83°0	—	58°5	78°5	hrs. 10·2	ins. —	
2	122	139	061	101	68°5	67°0	73°0	70°0	80°0	71°5	73°0	68°5	65°0	82°0	—	60°5	78°5	10°3	—	
3	169	184	114	171	68°0	66°5	77°0	72°0	78°0	70°0	71°0	66°5	65°5	81°0	—	61°0	78°5	9°3	—	
4	188	205	108	111	68°0	66°0	76°0	72°0	79°0	72°5	71°0	69°5	63°5	82°0	—	59°5	78°5	10°0	—	
5	169	182	091	158	71°0	69°0	77°0	73°0	81°0	74°8	74°0	71°5	70°0	82°8	—	60°0	78°5	8°0	—	
6	157	182	100	157	68°0	67°0	78°5	72°0	83°0	73°0	74°0	70°2	66°5	86°0	—	63°0	79°0	9°7	—	
7	145	174	106	121	72°2	70°5	73°8	71°8	79°4	73°8	70°9	68°0	69°8	80°0	—	60°5	79°2	8°3	·28	
8	115	145	059	073	65°6	65°0	75°8	72°0	80°0	70°7	73°6	69°8	64°0	82°0	—	60°5	79°2	10°8	—	
9	082	108	030	066	67°0	66°0	76°0	71°0	81°5	72°0	74°0	70°4	64°0	83°0	—	60°0	79°2	10°7	—	
10	110	161	088	143	67°0	66°0	81°8	73°0	82°0	76°0	72°0	68°0	64°0	83°0	—	60°0	79°4	6°8	—	
11	148	166	111	147	67°2	66°2	80°0	73°0	79°0	73°0	73°0	68°0	64°5	83°0	—	61°0	79°5	9°7	·17	
12	132	144	098	133	68°6	67°0	75°0	71°2	79°7	70°8	72°0	66°0	65°0	81°0	—	60°5	79°5	10°8	—	
13	110	115	085	071	65°0	64°5	77°0	71°5	80°0	72°6	73°0	70°5	63°5	82°0	—	59°0	79°5	9°4	—	
14	088	119	060	113	70°8	69°0	78°8	73°6	83°8	72°8	74°0	70°0	63°5	85°0	—	60°5	79°5	9°6	—	
15	105	138	098	139	72°0	63°6	77°0	68°0	81°4	68°0	74°8	66°5	63°0	81°5	—	61°5	79°8	10°8	·07	
16	142	141	104	122	71°0	64°0	73°0	64°0	74°5	63°2	68°5	62°0	68°0	80°8	—	64°0	79°8	3°2	—	
17	100	114	038	084	64°0	63°0	67°9	66°8	72°0	67°2	68°5	62°0	63°0	77°8	—	58°0	79°0	2°8	·53	
18	075	101	037	086	66°8	66°2	69°8	68°8	71°7	68°0	63°0	67°0	65°5	74°0	—	64°0	79°0	1°0	·60	
19	109	124	083	104	67°2	66°7	68°0	67°2	70°0	68°5	68°0	67°5	66°4	71°0	—	64°0	78°8	0°2	·90	
20	118	131	079	136	64°2	64°0	71°0	69°0	75°0	69°5	70°5	66°5	62°0	79°0	—	60°0	78°0	5°3	·15	
21	151	182	132	195	60°0	66°4	77°0	67°5	73°0	70°0	70°5	66°0	67°0	80°0	—	60°5	78°0	7°5	·18	
22	185	213	157	195	68°0	66°0	72°0	68°5	76°0	67°0	70°5	66°0	65°0	79°0	—	59°0	77°9	4°8	·17	
23	160	176	114	126	66°2	65°7	73°0	68°5	77°2	67°0	69°5	64°5	62°0	79°2	—	58°0	77°5	7°0	—	
24	142	143	077	091	71°8	67°0	70°0	68°0	76°0	66°0	68°0	62°5	66°0	78°0	—	61°0	77°4	4°7	·04	
25	122	140	065	093	67°0	63°0	72°2	67°8	78°0	67°6	72°4	68°5	62°5	80°5	—	59°5	77°2	7°5	—	
26	145	139	059	109	69°0	67°4	75°0	71°0	79°5	68°6	71°5	67°4	65°0	80°0	—	60°5	77°2	8°5	·08	
27	183	175	073	095	67°5	63°0	77°2	73°0	80°0	70°5	72°0	66°0	64°0	80°0	—	59°5	77°5	10°7	—	
28	152	169	116	147	66°0	65°0	76°0	72°0	81°5	75°0	73°0	69°5	64°4	82°8	—	60°0	77°8	8°5	—	
29	158	187	141	191	71°5	69°0	74°0	70°0	74°0	69°4	69°5	66°5	67°5	76°0	—	65°0	78°0	2°3	·20	
30	136	154	089	125	68°1	66°2	74°8	70°4	78°1	70°5	71°4	67°3	64°9	80°5	—	61°0	78°6	218°4	3°37	
Mean	136	154	089	125	68°1	66°2	74°8	70°4	78°1	70°5	71°4	67°3	64°9	80°5	—	61°0	78°6	218°4	3°37	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge 1 foot above ground.

MARCH 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fahr. and Mean Sea Level.																			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	ins.	ins.	ins.	ins.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	30.174	30.191	30.144	30.193	68.0	66.4	73.8	69.0	73.0	68.2	69.5	66.5	63.5	75.0	—	63.5	78.0	hours.		
2	215	237	204	204	68.0	64.0	76.0	65.0	76.2	68.8	69.5	66.5	63.0	77.8	—	57.0	77.9	ins. 70		
3	202	219	147	144	63.8	61.0	69.0	65.0	78.0	65.6	68.0	65.0	59.5	79.5	—	55.0	77.1	2.0		
4	152	164	077	101	66.0	63.8	70.0	65.0	78.0	67.5	67.0	63.5	58.5	80.0	—	55.0	77.0	9.0		
5	100	116	076	105	65.0	63.2	72.0	67.0	79.0	70.0	72.5	68.5	61.6	80.0	—	55.8	76.8	7.7		
6	118	143	020	107	65.0	63.0	76.0	69.8	80.2	74.6	68.0	66.5	62.8	83.5	—	56.0	77.0	10.8		
7	132	172	056	101	69.8	68.0	79.0	73.8	81.0	74.8	76.0	72.0	67.0	86.0	—	61.5	77.0	9.3		
8	152	163	056	120	72.5	69.0	77.2	73.0	86.0	77.0	76.0	73.5	71.6	86.8	—	66.5	78.0	9.5		
9	145	149	143	202	72.8	71.0	77.5	72.4	85.0	76.5	74.8	71.0	69.0	87.0	—	65.0	78.4	8.8		
10	168	199	132	171	70.0	69.5	75.2	71.0	73.2	70.0	70.0	66.0	64.8	80.0	154.5	64.5	79.0	8.5		
11	182	177	106	123	69.5	67.0	73.0	68.0	76.0	70.4	72.0	67.8	68.0	77.9	125.4	65.8	78.8	1.2		
12	073	079	30.029	028	72.4	71.0	78.4	73.8	88.0	74.8	74.5	69.5	69.0	89.0	145.0	65.5	78.5	1.3		
13	002	035	29.978	016	69.2	68.0	74.5	71.9	77.0	70.6	69.5	66.2	69.0	82.0	147.2	64.5	78.7	8.0		
14	067	090	30.068	117	69.8	66.2	69.3	67.7	76.0	72.0	71.5	65.5	65.7	82.0	147.5	64.0	78.5	5.7		
15	161	168	127	103	68.0	65.8	77.0	69.0	78.4	68.9	72.0	63.0	64.0	81.0	149.0	60.3	78.4	—		
16	213	211	150	169	72.9	65.8	74.2	66.0	75.4	64.5	68.8	63.0	67.0	76.0	135.0	62.0	78.4	1.3		
17	106	139	076	103	66.0	64.4	77.0	70.2	79.0	69.8	72.0	66.0	64.0	79.0	142.0	59.0	78.2	5.3		
18	083	100	006	095	71.8	69.9	76.3	71.7	88.0	76.5	72.0	67.0	65.6	88.0	148.0	61.5	78.4	9.6		
19	168	193	119	163	69.8	67.2	72.0	70.2	80.6	72.0	73.5	70.0	68.0	85.0	147.0	66.5	79.0	7.2		
20	141	157	095	119	72.2	67.8	80.0	73.0	76.5	69.0	70.5	67.0	68.0	80.0	152.0	66.0	79.0	5.0		
21	133	152	074	125	69.0	66.0	75.7	69.6	79.8	70.0	75.9	69.3	67.4	80.0	145.0	60.0	79.0	4.0		
22	128	161	100	165	68.0	66.2	75.5	70.6	79.0	71.5	73.7	67.5	61.0	80.0	140.0	58.5	79.0	7.8		
23	127	154	101	155	69.0	67.3	78.3	73.0	80.0	74.5	71.5	68.5	68.0	81.6	140.0	58.2	79.5	10.8		
24	104	190	135	155	69.0	67.0	73.8	69.2	75.8	70.3	72.0	68.0	65.5	81.2	143.5	59.0	79.8	6.5		
25	176	174	150	175	68.2	66.5	77.2	69.2	80.0	72.0	72.0	67.8	65.0	80.2	145.0	61.8	79.7	1.7		
26	151	177	168	177	73.2	68.7	76.0	69.5	77.2	72.5	69.0	69.0	69.0	79.5	142.0	65.0	79.6	9.3		
27	145	159	124	145	74.0	69.0	77.2	70.5	80.2	72.5	72.7	68.0	63.0	80.5	143.0	65.0	79.7	8.5		
28	158	180	137	145	69.8	67.0	70.8	70.0	78.2	72.8	72.0	69.0	69.0	82.0	149.0	59.0	79.8	10.7		
29	157	202	138	187	72.4	68.0	76.0	70.5	79.8	72.0	70.0	66.8	70.0	80.0	145.0	62.0	79.9	7.3		
30	207	234	185	229	67.0	63.7	75.9	70.0	80.0	71.0	72.0	67.0	65.0	80.0	142.5	65.0	80.0	7.0		
31	30.205	30.231	30.123	30.171	75.5	70.0	77.9	73.8	79.0	69.8	71.8	68.5	70.8	80.0	153.0	61.0	80.0	6.3		
Mean	30.143	30.165	30.105	30.141	69.6	66.9	75.2	69.9	79.2	70.9	71.6	67.6	65.9	81.3	—	61.7	78.7	211.8		
																		1.40		

Day.	LOWER CLOUDS.								WIND.			REMARKS.	
	9 A.M.				9 P.M.				Direction and Force.		Vel.		
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.	9 p.m.			
1	Cum. Nim.	10	E	5	Nim.	10	—	—	NNE 2	Calm	0	miles. 300	Rough ☉ showers.
2	Cum.	7	NE	2	Cum.	3	N	1	EbyN 2	NNE 2	110	110	∞ ga. Day very fine.
3	Cum.	7	NNE	1	Cum.	3	N	—	W 1	ENE 1	185	185	∞ a. Day very fine.
4	Cum.	6	E	1	Cum.	4	—	—	W 1	ENE 1	115	115	☼☼☼ (mist) on swamp 7a. ∞ ga. Very fine p.
5	Cum.	6	ENE	2	Cum.	7	NE	2	SSW 1	N 1	110	110	☼☼☼ (mist) on swamp 7a. Day fine. ∞ ga.
6	Cum.	4	N	1	Cum.	1	N	—	W 1	E 1	185	185	Very fine all day.
7	Cum.	4	NW	1	Cum.	3	N	1	S 1	N 1	135	135	☼☼☼ (mist) on swamp 7a. Very fine ga. ∞ a. and p. ☾ 5p.
8	Cum.	6	W	1	—	7	—	—	E 2	Calm	0	98	Fine a. Very fine p.
9	Cum.	6	NW	2	Cum.	3	N	—	W 1	NNE 1	173	173	Fine day. ☼ in SW. 6p.
10	Cum. Nim.	10	E	3	Cum. Nim.	7	NE	4	NE 1	NNE 2	150	150	Dull, with ☼☼☼ (mist) on hills and ☉ a. Very gusty with rough ☉ showers p.
11	Cum.	10	E	2	Cum.	3	—	—	E 1	E 1	250	250	Very dull a. ∞ 2p. Very fine 9p.
12	Cum.	6	S	4	Cum.	7	WNW	1	SSW 1	Calm	0	130	☼☼☼ (mist) on N. hills ga. ∞ a. Day fine.
13	Cum.	6	W	1	—	10	—	—	NNW 1	NNW 2	100	100	Red sunrise. Threatening appearance p., with squally ☉.
14	Cum. Nim.	10	NW	2	Cum.	10	—	—	NW 1	Calm	0	90	Very dull and ugly a., with ☼☼☼ (mist) on hills, and ☉ in S.
15	Cum.	5	WNW	2	—	8	—	—	NNW 1	N 1	60	60	☼☼☼ (mist) on swamp 7a. ∞ a. Day fine.
16	Cum.	9	N	4	—	8	—	—	NbyE 3	Calm	0	125	∞ 7a. Gusty ga., with threatening appearance in the N. Fine p.
17	Cum.	4	N	2	Cum.	9	S	1	WhyS 1	E 1	130	130	Fine day, with ∞. [from W. lasting 3 secs. and of a trembling nature.
18	Cum.-s.	4	W	2	Cum. Nim.	9	—	—	WhyS 1	Calm	0	175	Fine, with ∞ a. ☉ in S. 2p. ☾ 5p. Ugly 9p. Earthquake at 7a.
19	Cum. Nim.	10	E	1	Cum.	9	E	2	WhyS 1	ENE 2	125	125	Dull, with ☼☼☼ (mist) on N. hills, and low clouds a. Fine 2p. Ugly 9p.
20	Cum.	7	ENE	2	Cum.	10	E	1	NE 2	Calm	0	175	Fine a. Dull and close, with ∞ 2p. ☉ in S.
21	Cum.	8	E	1	Cum.	9	E	2	ENE 2	SE 2	180	180	Cloudy day, with ∞.
22	Cum.	5	ESE	2	Cum.-s.	2	—	—	SE 1	SE 2	225	225	Day fine. ∞ 2p.
23	Cum.	7	E	1	Cum.	4	—	—	SE 1	E 2	185	185	Dull 7a. Fine, with ∞ ga. and 9p.
24	Cum. Nim.	9	NE	2	Cum. Nim.	9	E	3	E 2	NE 2	145	145	Day close and overcast, with ☉ showers. Squally 9p.
25	Cum.	4	E	1	Cum.	8	E	1	ENE 3	NE 1	250	250	Day fine, with ∞ 2p.
26	Cum.	6	E	1	Cum.	1	—	—	E 2	E 1	240	240	Day fine. Squally ga. ☼ and rough sea 2p.
27	Cum.	6	SE	1	Cum.-s.	3	—	—	ENE 3	E 1	290	290	Day fine, with ∞.
28	Cum. Nim.	10	—	2	Cum.	9	E	2	E 2	E 2	265	265	Ugly 7a. ☉ ga. Very squally 2p. Earthquake 6a. lasting 3-4 secs.
29	Cum.	9	E	2	Cum.-s.	1	—	—	E 4	NE 1	245	245	Squally ga. Very fine 2p., with rough sea.
30	Cum.	7	E	2	Cum.-s.	2	—	—	Calm	Calm	0	175	Fine from ga., with ∞.
31	Cum.	8	E	1	Cum.-s.	3	—	—	ESE 3	E 1	225	225	Day fine, with ∞.
Mean	—	7.0	—	1.8	—	5.9	—	—	1.6	1.0	172.4		

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

APRIL 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fahr. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	ins. 30.157	ins. 30.167	ins. 30.111	ins. 30.131	68.2	67.0	76.8	70.0	76.0	73.0	71.2	67.0	64.4	79.5	120.0	59.0	80.1	hours. 2.7	ins. —	
2	*150	*167	*073	*111	69.8	69.0	75.2	71.0	80.5	73.0	73.0	68.0	66.0	82.0	148.0	61.0	80.0	6.5	*.02	
3	*140	*161	*090	*133	71.0	69.0	77.5	73.0	82.0	73.5	72.5	68.5	68.8	82.5	148.0	62.5	80.0	6.3	—	
4	*120	*167	*123	*178	68.0	66.5	80.0	72.5	81.5	74.5	73.0	69.0	66.0	84.0	144.0	59.5	80.1	6.9	—	
5	*213	*226	*186	*205	73.0	68.0	77.0	70.0	79.0	69.0	72.0	67.0	66.5	81.0	150.0	60.5	80.8	9.7	—	
6	*231	*241	*191	*219	70.0	68.6	75.0	64.5	79.0	68.2	71.8	66.0	69.0	82.0	145.0	62.0	80.8	4.5	*.01	
7	*180	*189	*119	*115	71.0	64.0	74.0	65.0	78.5	68.5	71.0	65.0	65.0	80.0	142.0	56.5	80.8	2.8	—	
8	*127	*139	*077	*105	69.0	63.0	77.0	69.0	78.0	67.0	70.0	63.8	65.0	83.0	154.5	61.0	80.6	7.8	—	
9	*170	*183	*127	*101	67.5	64.0	76.0	68.0	78.0	68.0	72.0	65.0	61.5	80.0	132.0	56.0	80.8	2.0	—	
10	*207	*223	*176	*203	68.0	63.4	82.0	72.0	78.0	69.8	72.0	68.0	66.5	81.0	129.0	61.5	80.8	4.7	—	
11	*190	*203	*153	*173	69.0	68.0	73.0	71.5	78.0	72.0	72.0	69.0	65.0	82.0	149.0	59.5	81.0	2.8	*.05	
12	*145	*175	*108	*129	73.5	68.5	78.0	71.2	80.0	72.8	78.8	69.0	69.5	81.0	148.5	64.0	81.0	6.5	*.11	
13	*133	*141	*089	*106	69.0	67.5	80.2	73.4	83.0	74.0	73.4	69.4	65.0	84.0	139.0	59.5	81.0	10.3	—	
14	*115	*121	*080	*119	73.0	70.5	82.5	76.0	88.0	73.5	74.0	71.0	70.5	88.0	152.0	68.0	81.0	7.3	*.01	
15	*091	*095	*034	*067	72.0	70.0	76.0	73.0	85.0	74.0	73.0	71.0	70.0	88.0	154.0	69.0	81.6	3.2	—	
16	*085	*105	*048	*081	72.5	70.0	82.0	73.2	83.6	74.9	74.0	69.2	68.0	86.0	145.0	65.0	82.0	8.3	—	
17	*098	*113	*070	*117	71.0	69.2	82.0	74.5	79.9	74.0	71.5	69.0	70.0	84.0	148.0	65.5	82.0	5.3	*.03	
18	*098	*113	*078	*085	70.0	69.0	75.0	73.0	81.5	73.8	75.5	71.0	69.0	84.8	144.2	66.0	82.0	5.5	1.15	
19	*109	*091	*046	*067	70.0	69.0	79.5	74.0	79.5	74.0	75.5	72.5	69.2	86.0	151.0	65.0	82.0	2.0	*.03	
20	*053	*053	*009	*029	74.0	71.8	79.0	74.6	88.5	72.0	77.8	73.0	72.4	88.5	144.0	67.3	81.9	9.0	*.17	
21	*045	*062	*042	*036	75.0	72.3	81.6	73.5	89.7	77.5	74.0	73.2	73.2	90.8	150.0	68.8	82.0	7.0	—	
22	*012	*087	*064	*041	70.8	69.2	75.6	72.8	85.8	77.7	71.0	70.3	69.0	88.3	148.8	67.0	82.1	8.0	*.40	
23	*026	*088	*003	*063	68.8	67.5	78.0	74.8	86.0	77.0	70.8	69.0	68.0	86.0	148.5	65.5	82.0	7.5	*.20	
24	*027	*048	*005	*054	71.0	69.0	78.3	75.0	89.5	77.5	75.7	73.0	68.0	87.2	154.5	66.0	81.8	5.7	*.02	
25	*062	*081	*026	*120	68.5	68.3	73.6	72.9	83.0	76.1	75.7	73.0	68.0	87.2	154.5	66.0	81.8	0.3	*.24	
26	*092	*105	*083	*104	74.1	73.0	83.0	79.7	77.9	73.4	72.5	72.0	72.0	83.0	149.0	71.4	81.0	1.0	4.50	
27	*112	*125	*078	*079	69.2	68.2	78.5	71.2	76.0	73.0	72.0	69.0	66.0	76.0	129.0	68.5	78.8	0.7	2.00	
28	*061	*111	*084	*077	70.8	69.0	75.2	71.2	72.2	74.0	71.2	69.0	66.0	76.0	129.0	68.5	78.8	0.7	2.00	
29	*089	*123	*059	*077	71.0	70.0	75.0	73.0	75.8	74.0	72.3	68.5	68.0	77.0	132.0	68.0	78.4	0.2	1.00	
30	30.115	30.139	30.129	30.116	70.8	67.8	75.3	70.8	76.2	71.3	73.0	70.0	69.5	80.0	142.0	68.0	78.5	0.5	*.05	
Mean	30.115	30.135	30.085	30.111	70.7	68.3	77.7	72.3	81.0	72.8	73.1	69.4	67.8	83.5	144.4	64.2	80.9	158.8	10.46	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

MAY 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fahr. and Mean Sea Level.																			
					7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	ins. 30.098	ins. 30.111	ins. 30.114	ins. 30.085	72.0	68.8	77.0	70.0	77.5	74.5	73.5	68.2	69.5	79.0	128.0	69.0	78.7	hours. 2.0	ins. .02	
2	.068	.087	.090	.087	69.4	67.8	77.0	72.3	79.0	78.2	73.7	70.0	67.3	83.0	143.4	63.9	78.3	6.3	—	
3	.109	.127	.112	.139	72.3	70.5	78.2	73.5	78.8	73.8	73.0	69.0	71.4	80.0	132.8	68.8	78.7	3.5	—	
4	.122	.159	.156	.178	71.2	68.7	78.0	73.5	81.0	75.3	73.0	68.5	68.5	81.5	145.0	63.0	78.7	8.5	—	
5	.170	.195	.163	.197	73.0	70.4	78.0	73.8	80.0	75.6	75.0	72.0	68.4	83.5	143.7	62.3	78.9	6.5	—	
6	.169	.169	.121	.145	74.0	71.0	80.0	75.0	80.0	77.0	74.0	72.0	72.8	81.4	147.0	67.5	79.0	5.7	—	
7	.131	.186	.115	.151	74.0	71.8	83.0	75.3	82.8	78.0	75.0	73.0	72.0	81.0	139.0	66.5	79.5	10.5	—	
8	.107	.137	.076	.149	74.3	73.2	77.5	75.5	81.0	78.9	74.7	73.0	70.8	81.0	143.0	67.9	79.9	6.5	.09	
9	.115	.086	.038	.067	74.5	73.8	79.0	78.0	81.0	80.0	74.0	73.0	72.0	81.0	143.0	67.9	79.9	6.5	.09	
10	.051	.072	.031	.068	75.8	73.0	78.0	76.0	73.5	73.0	74.5	73.5	71.0	81.0	144.0	70.0	80.0	1.0	.25	
11	.075	.102	.046	.079	75.0	74.0	77.0	74.0	82.0	74.0	72.0	71.5	71.8	82.0	142.0	70.0	79.0	5.7	.264	
12	.091	.067	.015	.043	76.5	73.2	77.6	73.0	81.0	74.5	76.0	73.0	73.5	81.0	139.5	69.0	79.5	8.6	.13	
13	.068	.074	.005	.020	77.4	74.5	79.0	74.0	82.0	76.0	79.0	74.5	73.5	83.0	144.0	70.0	79.6	11.0	—	
14	.071	.080	.044	.076	76.8	74.0	79.0	74.8	81.4	75.6	75.5	74.0	74.0	83.0	143.0	70.5	79.8	7.5	—	
15	.082	.099	.036	.108	78.5	74.5	79.0	75.0	86.0	77.0	76.5	73.0	72.5	88.0	142.0	68.0	80.0	9.0	.07	
16	.119	.115	.062	.115	75.0	73.2	77.0	74.5	81.8	75.0	76.0	71.0	73.0	82.8	142.5	69.5	80.0	6.8	.23	
17	.135	.128	.065	.118	75.0	73.2	77.0	74.5	81.8	75.0	76.0	71.0	73.0	82.0	145.0	65.5	80.0	7.3	—	
18	.119	.126	.073	.117	73.2	72.5	78.0	76.2	81.8	75.0	75.5	73.0	71.0	82.0	143.0	67.0	80.0	6.5	.04	
19	.112	.140	.096	.116	78.0	73.0	77.0	73.0	81.8	75.0	75.0	71.0	81.0	82.0	145.0	70.0	80.0	5.5	.01	
20	.143	.153	.065	.088	73.0	71.5	74.0	73.0	80.0	75.0	75.5	72.0	70.0	81.0	146.0	66.0	80.0	3.8	.40	
21	.104	.105	.015	.060	74.0	73.0	78.0	76.0	81.7	75.7	75.5	74.0	71.5	82.0	147.5	67.0	80.0	6.8	.18	
22	.073	.086	.047	.055	74.0	72.0	79.0	74.8	82.0	75.8	76.5	73.0	73.0	83.0	147.0	70.0	80.0	9.0	.10	
23	.070	.073	.051	.065	77.0	74.8	77.5	74.8	82.0	75.7	76.0	73.0	73.0	83.5	141.0	70.0	80.0	4.8	.70	
24	.068	.071	.010	.063	76.2	74.0	79.6	76.0	83.0	77.0	75.0	73.0	71.0	83.0	143.5	70.0	80.0	5.2	.25	
25	.075	.073	.057	.084	74.2	73.0	80.0	76.8	83.0	77.8	76.0	75.5	73.0	84.0	133.0	70.0	80.0	2.7	.13	
26	.082	.084	.061	.068	77.0	74.3	82.0	77.0	75.0	78.0	76.0	75.0	75.0	87.0	146.0	71.0	80.0	2.0	.61	
27	.30.028	.018	.29.979	.29.982	76.0	73.0	80.0	78.0	78.0	72.0	75.0	73.0	72.0	85.0	140.5	72.0	80.0	7.3	.07	
28	.997	.010	.29.992	.30.031	74.8	73.9	79.0	76.0	81.0	75.8	73.0	74.0	73.5	81.0	121.0	71.0	80.0	0.5	.38	
29	.30.023	.079	.30.074	.119	74.7	73.7	78.0	76.0	81.5	76.0	76.0	73.0	71.5	82.0	129.0	71.0	80.0	0.0	.06	
30	.126	.124	.111	.129	78.5	75.0	80.0	75.0	81.5	75.5	76.0	73.0	73.5	82.0	143.0	70.0	79.9	7.3	—	
31	.30.106	.30.103	.30.073	.30.089	76.0	75.0	80.0	76.0	78.5	75.0	73.2	73.0	71.5	81.0	132.0	71.0	79.5	0.2	1.17	
Mean	.30.094	.30.104	.30.064	.30.093	74.9	73.7	78.6	74.9	80.7	75.3	75.0	73.4	71.6	82.4	140.9	68.5	79.6	176.4	7.61	

Day.	LOWER CLOUDS.				WIND.				REMARKS.	
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.	9 p.m.
1	Cum.-s.	5	—	2	—	—	—	—	N 2	N 3
2	—	0	—	0	Cum.	8	—	—	W 1	Calm 0
3	Cum. Nim.	8	E	2	Str.	1	—	—	ESE 2	Calm 0
4	Cum.	5	E	2	Str.	1	—	—	WSW 1	E 1
5	Cum.	3	—	1	Cum.	3	—	—	SE 1	Calm 0
6	Cum.	4	S	2	Cum.	6	SE	2	E 2	Calm 0
7	Cum.	5	E	1	Cum.	3	—	—	E 2	Calm 0
8	Cum.	5	E	2	Cum.	4	E	2	ESE 4	Calm 0
9	Cum.	4	E	1	—	10	—	—	ESE 4	Calm 0
10	Cum.	7	NE	3	Nim.	10	—	—	ESE 3	E 1
11	Cum.	7	E	5	—	10	—	—	ESE 3	E 1
12	Cum.	8	E	2	Cum.	8	E	2	E 3	E 2
13	Cum.	6	E	1	Cum.	8	S	2	E 3	S 2
14	Cum.	5	E	1	Cum. Nim.	8	E	2	ESE 2	Calm 0
15	Cum.	5	ESE	2	Cum.	9	S	2	ESE 2	Calm 0
16	Cum.	8	E	3	Cum.	7	E	1	ESE 3	Calm 0
17	Cum.	4	ESE	3	Cum.	9	E	2	W 1	Calm 0
18	Cum.	10	E	3	Cum.	10	ESE	4	SbyW 1	E 1
19	Cum.	9	E	3	Cum.	4	—	—	ESE 2	E 1
20	Cum. Nim.	10	E	2	Cum.	10	E	2	E 1	Calm 0
21	Cum.-s.	8	S	2	Cum.	10	SE	4	NNE 2	N 1
22	Cum.	8	E	4	Cum.	10	E	2	ESE 2	E 1
23	Cum.	8	E	4	Cum.	10	E	1	E 2	E 1
24	Cum.	6	E	2	Cum.	9	E	2	ESE 2	Calm 0
25	Cum.	6	SW	1	Nim.	10	—	—	E 1	Calm 0
26	Cum.	6	E	2	Cum.	9	E	2	E 1	Calm 0
27	Cum.	6	E	2	Cum. Nim.	10	—	—	WSW 1	Calm 0
28	Cum.	10	E	2	Cum.	10	—	—	ESE 2	Calm 0
29	Cum.	10	E	2	Cum.	10	—	—	WSW 1	Calm 0
30	Cum.	10	E	1	—	10	—	—	E 2	Calm 0
31	Cum. Nim.	10	—	1	Cum. Nim.	10	—	—	E 1	Calm 0
Mean	—	6.6	—	2.1	—	7.9	—	—	1.9	0.5

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

JUNE 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fahr. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	ins. 30.087	ins. 30.105	ins. 30.046	ins. 30.077	75.0	73.2	79.5	74.8	84.0	77.5	75.0	73.0	71.5	85.0	139.0	68.5	79.0	hours. 1.8	ins. .08	
2	.107	.112	.066	.073	76.4	75.0	81.7	77.5	80.7	78.8	78.2	75.3	74.0	85.0	142.5	72.0	79.2	10.3	—	
3	.121	.111	.052	.074	77.0	75.4	81.0	78.2	85.0	78.5	79.0	76.0	75.0	85.0	139.0	70.5	79.7	10.7	.18	
4	.103	.110	.054	.108	79.0	77.0	81.0	78.0	84.5	78.0	78.0	74.8	75.0	85.0	138.0	73.5	80.0	11.3	—	
5	.132	.128	.093	.126	78.5	76.0	81.5	77.0	84.0	76.0	78.0	74.0	74.5	86.0	147.0	70.0	80.0	7.7	—	
6	.107	.095	.070	.076	77.0	75.0	79.2	77.0	80.0	77.0	78.0	76.5	72.5	84.0	139.0	70.5	80.4	2.0	—	
7	.071	.070	.034	.069	73.7	72.8	79.0	76.0	85.0	78.2	74.0	73.5	72.0	85.0	143.0	71.0	80.7	6.8	.05	
8	.081	.070	.040	.069	70.5	70.0	79.8	77.0	85.5	77.0	76.0	74.0	69.0	87.0	150.0	67.5	80.8	7.5	.12	
9	.110	.107	.087	.108	76.0	74.4	78.8	74.9	81.2	76.5	73.5	72.5	70.0	84.0	146.0	67.5	80.8	8.0	1.35	
10	.120	.115	.054	.123	75.0	73.8	79.5	77.0	84.7	78.5	78.0	74.0	73.5	85.0	139.0	72.0	80.3	3.8	.75	
11	.121	.123	.083	.101	77.0	75.8	80.5	77.0	83.7	78.0	78.0	74.0	73.5	85.0	138.0	71.5	80.5	9.5	.05	
12	.132	.145	.085	.129	76.8	74.0	81.0	77.0	84.0	78.0	75.2	74.6	74.0	84.0	144.0	70.5	80.5	9.2	.73	
13	.137	.152	.092	.123	78.0	74.0	80.0	75.5	83.8	77.0	78.0	76.5	74.0	71.0	84.0	143.0	68.5	80.6	8.7	—
14	.104	.114	.071	.080	77.0	74.5	80.5	76.0	81.0	78.0	76.5	74.0	71.0	84.0	143.0	68.5	80.3	1.3	.27	
15	.067	.079	.068	.067	74.5	74.0	77.0	75.0	80.5	76.2	73.0	72.2	70.0	82.0	145.0	68.0	80.0	12.0	1.67	
16	.085	.096	.039	.067	75.0	73.4	81.5	77.8	84.8	78.5	79.0	76.0	72.5	88.0	143.0	70.0	80.2	10.8	.02	
17	.054	.051	30.004	29.992	76.0	74.0	81.8	77.0	87.5	78.5	79.0	76.0	72.5	88.0	143.0	70.0	80.2	10.8	.02	
18	.004	.015	29.996	30.033	81.0	77.0	81.8	76.8	86.0	80.0	79.0	75.0	76.5	87.0	145.0	72.0	80.5	11.0	—	
19	.063	.066	30.002	.020	78.0	74.5	81.0	77.2	86.0	80.8	79.0	76.0	72.5	89.0	143.0	72.5	81.0	9.3	—	
20	.068	.066	29.996	.044	81.5	78.0	82.0	77.8	87.6	79.4	82.4	77.0	77.0	88.0	150.0	72.5	81.0	8.8	—	
21	.054	.050	30.015	.024	80.5	78.0	82.0	77.8	81.0	77.0	79.0	76.0	78.0	87.0	147.5	74.0	81.5	5.5	—	
22	.063	.062	.031	.055	80.0	77.2	83.0	78.0	81.0	77.0	79.0	76.0	78.0	87.0	147.5	74.0	81.5	5.5	—	
23	.071	.065	.055	.115	78.4	76.0	81.0	77.0	85.0	78.0	71.5	71.0	71.5	87.0	146.0	72.5	81.9	4.8	.50	
24	.119	.123	.106	.123	74.0	73.0	78.6	76.8	85.0	77.2	78.0	75.0	70.0	86.0	152.0	69.0	80.1	9.5	3.80	
25	.127	.126	.080	.101	78.6	77.0	81.0	77.0	85.0	78.0	79.0	76.0	75.0	85.0	140.0	72.0	80.8	10.3	.31	
26	.107	.116	.082	.109	80.0	76.8	81.0	77.8	81.0	75.8	76.0	75.0	74.0	84.0	146.8	71.5	81.0	8.2	—	
27	.115	.112	.069	.113	74.0	73.5	82.5	76.0	84.0	77.0	77.0	72.0	73.0	84.0	145.0	72.0	81.0	9.0	.48	
28	.110	.129	.116	.139	76.0	75.0	77.5	75.0	79.5	75.0	74.5	72.5	74.0	82.0	127.0	71.0	81.0	0.7	.17	
29	.135	.148	.106	.143	75.8	74.8	81.0	76.0	84.9	78.0	77.5	75.0	72.0	85.0	145.5	70.0	80.9	7.0	.70	
30	30.161	30.168	30.107	30.127	76.4	75.0	82.0	79.0	85.0	77.0	77.0	75.0	73.0	85.0	144.0	70.0	81.0	12.0	.01	
Mean	30.098	30.101	30.060	30.087	76.9	74.9	80.6	76.8	83.7	77.5	77.1	74.5	73.4	85.2	145.0	70.6	80.6	229.8	12.84	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

JULY 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fah. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
	ins.	ins.	ins.	ins.														hours.	ins.	
1	30°129	30°124	30°087	30°120	78°2	76°0	80°0	77°0	81°2	75°0	81°0	76°5	73°5	85°0	149°0	71°0	81°0	8°5	—	
2	°097	°118	°084	°104	79°0	75°0	81°5	77°0	83°0	77°4	80°0	76°0	74°5	85°8	149°0	71°5	81°0	8°3	—	
3	°115	°095	°095	°144	79°0	76°4	81°8	77°5	86°5	78°0	82°0	77°5	77°0	90°0	148°0	73°0	81°3	9°0	°05	
4	°140	°158	°117	°112	79°6	76°5	83°8	78°7	86°0	78°0	79°0	75°0	75°0	86°0	142°0	71°0	81°0	10°5	—	
5	°111	°098	°092	°102	77°4	75°2	80°0	77°8	83°0	77°0	78°5	75°5	73°0	86°0	147°0	71°0	82°0	6°3	°06	
6	°115	°131	°104	°144	79°8	77°0	82°0	76°5	85°8	78°0	80°0	75°0	76°0	86°0	140°0	71°0	82°0	10°7	—	
7	°155	°126	°158	°125	77°5	74°2	79°0	76°0	85°0	78°0	80°0	75°0	76°0	86°0	140°0	71°0	82°0	7°5	°11	
8	°154	°150	°139	°170	78°5	74°2	83°0	77°0	85°0	79°0	80°0	76°0	74°0	72°0	87°0	146°0	70°0	82°4	7°5	
9	°171	°160	°157	°163	76°8	74°5	84°0	78°0	86°0	79°0	77°0	76°0	72°5	86°5	146°0	69°5	82°8	10°3	—	
10	°179	°186	°153	°109	78°4	75°8	83°5	79°0	83°8	79°0	77°0	76°0	72°5	86°5	146°0	70°5	83°0	7°7	—	
11	°157	°178	°141	°144	80°5	76°5	83°0	78°2	84°0	78°5	79°6	76°0	72°5	87°0	146°0	70°5	83°0	7°7	—	
12	°157	°154	°086	°115	80°0	79°0	81°0	79°0	85°5	80°0	79°5	73°5	76°5	85°5	139°0	75°0	83°0	9°5	°54	
13	°093	°108	°052	°069	77°8	76°5	82°0	78°0	86°0	77°6	77°5	74°0	75°0	86°0	139°3	72°0	83°0	11°7	°28	
14	°088	°100	°054	°104	77°9	75°2	81°5	76°0	85°0	78°0	77°5	74°0	75°0	86°0	142°0	70°8	83°0	9°0	—	
15	°107	°115	30°052	°062	76°5	74°5	81°7	78°0	86°0	79°0	80°0	76°0	73°5	86°0	142°0	71°0	83°0	11°0	—	
16	°070	°054	29°990	°018	78°0	76°4	82°0	79°0	86°0	79°0	80°0	76°0	73°5	86°0	142°0	71°0	83°0	11°0	—	
17	°129	°120	30°002	°059	77°6	75°0	81°0	79°0	81°5	76°5	77°0	75°0	75°0	82°5	121°0	73°0	83°1	9°2	°03	
18	°093	°099	°041	°114	76°0	75°0	82°0	78°0	84°0	78°0	79°0	76°0	75°0	86°0	150°0	72°0	83°2	2°0	°09	
19	°104	°120	°088	°119	75°0	74°5	81°0	78°0	83°8	78°5	74°0	72°0	72°5	85°0	150°0	72°0	83°1	5°6	°02	
20	°087	°112	°075	°128	74°0	72°5	79°5	76°0	76°5	75°0	74°5	73°5	70°0	85°0	150°5	68°0	83°0	6°8	°10	
21	°080	°109	°083	°126	76°0	73°0	82°0	78°0	77°0	74°5	75°0	74°5	70°0	84°0	144°0	69°0	82°7	7°0	°23	
22	°135	°156	°104	°150	77°0	74°0	79°0	75°0	85°0	78°0	79°0	74°0	73°0	86°0	143°0	70°0	82°6	0°0	°53	
23	°172	°170	°128	°126	76°5	74°0	81°0	77°2	86°0	75°0	78°0	74°5	73°0	86°0	139°0	70°0	82°6	10°5	—	
24	°165	°170	°115	°136	77°5	76°0	81°0	78°0	86°0	78°0	78°0	75°0	74°0	86°0	146°0	72°0	82°8	6°8	°05	
25	°076	°138	°078	°076	76°8	74°0	81°0	78°0	82°2	77°0	77°0	75°0	73°5	85°5	151°5	70°0	82°8	2°2	°02	
26	°109	°118	°066	°085	79°8	76°0	81°2	78°0	85°2	77°0	77°0	75°0	73°5	85°5	145°0	70°5	83°0	9°5	°12	
27	°083	°104	°075	°068	77°8	76°7	83°2	77°5	85°0	76°5	79°0	75°0	75°0	85°0	148°0	72°5	83°0	8°5	°07	
28	°096	°105	°050	°090	80°2	78°0	77°9	76°0	85°2	79°5	76°0	75°0	75°0	86°0	147°0	73°0	83°0	3°7	°33	
29	°064	°068	°035	°069	77°0	75°0	82°0	78°0	84°6	78°0	76°0	74°5	73°0	86°0	146°0	72°0	83°0	11°0	°19	
30	°073	°066	°007	°054	78°5	76°0	82°0	78°0	85°5	78°0	79°0	74°0	74°0	86°0	141°5	71°0	83°0	10°5	—	
31	30°066	30°068	30°029	30°080	78°0	76°0	80°0	77°0	74°0	70°5	74°0	73°5	73°0	87°0	144°0	71°0	83°0	7°3	°17	
Mean	30°118	30°124	30°081	30°100	77°8	75°4	81°4	77°6	83°8	77°5	78°1	75°0	73°8	86°0	144°2	71°2	82°6	254°6	3°22	

LOWER CLOUDS.										WIND.			REMARKS.
Day.	9 A.M.				9 P.M.				Direction and Force.		Vel.		
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.	9 p.m.			
1	Cum.	4	S	2	Cum. Nim.	9	—	—	ESE 2	SE 3	145	Fine, with ∞ a. T from S. 2p. ∞ ² 9p. < in E.	
2	Cum.	6	E	2	Nim.	10	—	—	ESE 2	Calm 0	135	∞ ² a. T from E. 2p. K ² in ESE, passing S. to N. 7p.—8p.	
3	Cum.	6	E	2	Cum.	7	—	—	ESE 3	S 1	160	(mist) on N. hills 7a. Day fine, with ∞. 5p.	
4	Cum.	5	E	1	Cum.	6	E	1	SSE 1	ESE 2	215	(mist) on swamp 7a. Day fine, with ∞ ² .	
5	Cum.	6	E	1	Cum.	9	E	2	W 1	E 1	175	(mist) on swamp and hills a. K in S. 1p. < in E. 9p.	
6	Cum.	6	E	3	Cum.	9	E	2	ESE 2	E 2	165	(mist) on swamp 7a. Day fine, with ∞ ² . < in E. 9p.	
7	Cum.	5	E	1	Cum.	8	E	2	W 1	E 1	205	(mist) on swamp and N. hills a. ∞ ² p. T in the N.	
8	Cum.	8	E	1	Cum.	6	E	2	ESE 4	E 1	170	Fine all day, with ∞ ² .	
9	Cum. Nim.	9	E	2	Cum.	9	E	2	ESE 3	E 1	180	(mist) on swamp 7a. Day fine, with ∞.	
10	Cum.	8	E	2	Cum.	3	—	—	ESE 2	Calm 0	155	Fine, with ∞, a. Very close and muggy. T in S. 2p. K in E. 9p.	
11	Cum.	7	E	2	Cum.	4	—	—	EbyN 3	S 1	150	Day fine, with ∞.	
12	Cum.	9	E	2	Cum.	6	E	2	ESE 1	Calm 0	200	Muggy and close, with ∞ ² 7a. Fine, with ∞ ² p.	
13	Cum.	7	E	2	Cum.	3	—	—	SSW 0°5	Calm 0	230	(mist) on N. hills 9a. Fine, with ∞, p. < in W. 9p.	
14	Cum.	5	SSE	2	Cum.	9	S	2	ESE 3	E 1	205	∞ ² n. Very fine a. K ⁰ in S. and E. p. Squall from SE. 4p.	
15	Cum.	5	E	3	Cum.	5	—	—	E 1	Calm 0	177	∞ a. Fine all day. < in W. 9p.	
16	Cum.	6	E	2	Cum.	5	SSE	1	SSW 1	Calm 0	175	(mist) on swamp and N. hills a. Close 9a. Very fine p.	
17	Cum.	9	SE	2	Cum.	8	—	—	ESE 3	Calm 0	225	(mist) 9a. K ⁰ in ESE. 4p.—6p. Squall from ESE. 5p.	
18	Cum.	8	E	2	Cum.	10	—	—	ESE 3	Calm 0	185	∞ and (mist) a. Very dark in S. 2p. Distant T. Very dark 9p.	
19	Cum.	9	E	3	Cum.	10	—	—	ESE 1	Calm 0	150	Muggy and close a. Very sultry 2p. T 4p. ∞ ² 9p.	
20	Cum.	6	E	2	Cum.	7	E	2	SSW 1	Calm 0	185	T at noon. Very dull 2p. Fine, with ∞ ² 9p. < in the S.	
21	Cum.	7	E	2	Cum.	10	—	—	SSE 1	Calm 0	85	(mist) on swamp 7a., on hills 2p. ∞ ² 2p. ∞ ² 9p.	
22	Cum.	4	—	0	Cum.	8	E	2	Calm 0	E 1	135	(mist) on swamp 7a. Day fine, with ∞.	
23	Cum.	6	E	3	Cum.	8	E	1	SSW 1	E 1	170	(mist) on swamp 7a. Day fine, with ∞.	
24	Cum.	6	SSE	3	Cum.	9	—	—	W 1	Calm 0	105	(mist) on swamp and N. hills a. K ² in SW, passing to W. 2p.	
25	Cum.	10	E	1	Cum.	10	—	—	S 1	E 1	150	(mist) a. T in SE. 11a.—3p. ∞ ² from E. 3p. K in W. and [N. 4p.	
26	Cum.	4	ESE	3	Cum.	4	E	1	E 2	E 1	135	Very fine day.	
27	Cum.	6	E	3	Cum.	6	E	2	ESE 3	E 1	215	∞ n. (mist) on N. hills 9a. Day fine, with ∞. < in S. 9p.	
28	Cum. Nim.	10	E	1	Nim.	10	—	—	S 1	Calm 0	145	(mist) ∞ a. Very ugly in S. 2p. K from ESE. p. ∞ 9p.	
29	Cum.	6	E	1	Cum.	8	E	2	E 1	Calm 0	165	Fine day. ∞ showers in the S. 2p.	
30	Cum.	5	E	1	Cum.	6	—	—	SE 1	Calm 0	180	(mist) on swamp 7a. Very fine day. ∞ 9p., with < in S.	
31	Cum.	5	SE	3	—	—	—	—	E 1	Calm 0	185	(mist) on N. hills a. K in S. noon—2p. Squall, with ∞, [2p.—3p. Muggy 9p.	
Mean	—	6°5	—	1°9	—	7°5	—	—	1°7	0°6	172°5	—	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge 1 foot above ground.

AUGUST 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fahr. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	ins. 30°082	ins. 30°102	ins. 30°054	ins. 30°098	74°0	72°0	82°0	78°0	85°5	77°0	79°0	75°0	73°0	86°0	140°0	72°0	83°0	hours. 10°0	ins. 74	
2	°097	°098	°052	°117	79°0	77°4	81°5	78°5	86°5	79°2	80°0	76°0	75°0	86°5	144°0	73°0	83°0	10°5	°06	
3	°123	°112	°059	°098	79°0	76°2	84°0	78°0	87°0	78°0	79°0	76°0	75°0	87°0	143°0	73°0	83°0	10°2	—	
4	°114	°106	°043	°066	76°6	74°0	80°2	76°5	85°0	77°0	79°0	76°0	75°0	87°5	148°0	70°0	83°0	11°7	—	
5	°081	°070	°012	°055	76°5	74°0	80°0	76°5	83°0	79°0	78°0	76°0	72°5	87°5	142°5	70°0	83°2	10°0	—	
6	°072	°070	°044	°048	76°5	75°0	79°0	77°0	80°0	79°0	79°2	76°0	75°0	88°4	154°0	73°0	83°3	6°9	°43	
7	°091	°088	°062	°073	79°0	77°2	82°9	80°0	83°0	77°5	78°5	74°0	76°0	83°5	139°0	74°0	83°5	6°5	°10	
8	°060	°068	°050	°070	77°0	75°0	81°0	76°0	86°5	79°0	77°0	76°0	73°0	89°0	147°0	70°5	83°3	6°2	—	
9	°074	°088	°068	°092	78°5	76°0	84°0	78°0	79°5	77°0	75°5	76°0	73°5	88°0	148°0	72°0	83°1	5°2	°80	
10	°117	°112	°073	°070	77°6	75°0	83°0	78°0	86°6	76°0	80°0	76°0	72°5	87°0	148°0	70°5	83°0	8°5	°46	
11	°059	°090	°053	°120	77°2	72°2	81°5	75°2	85°9	78°2	76°5	76°0	76°0	86°5	149°0	72°5	83°0	9°0	°19	
12	°132	°131	°082	°092	78°5	76°0	81°9	78°5	87°0	78°0	79°5	76°0	74°0	87°0	141°0	72°0	83°0	7°0	°24	
13	°076	°077	°050	°068	78°5	76°0	83°0	79°0	81°0	79°2	77°0	74°0	72°0	87°5	149°0	69°0	83°0	6°0	—	
14	°102	°096	°062	°117	77°8	75°4	82°0	78°0	82°5	75°0	77°0	73°0	74°0	86°0	144°5	71°0	83°0	5°2	°23	
15	°116	°120	°096	°107	77°9	75°0	81°5	77°8	79°8	79°0	78°0	76°0	73°8	86°0	145°0	71°0	83°0	10°3	—	
16	°123	°120	°052	°104	79°6	76°5	82°0	78°0	86°0	78°2	79°0	74°0	71°5	86°0	145°5	69°0	83°0	9°0	—	
17	°129	°126	°088	°130	77°0	75°4	78°5	76°0	86°0	78°0	80°0	75°0	72°0	87°0	141°5	69°0	82°8	10°3	1°07	
18	°142	°146	°106	°138	77°0	75°0	80°0	77°0	86°6	77°7	79°0	75°0	74°0	87°0	147°0	71°0	82°7	10°5	—	
19	°144	°142	°114	°119	79°6	76°0	84°8	78°0	86°6	78°5	78°0	74°2	73°0	86°6	142°5	70°5	82°8	10°0	—	
20	°122	°120	°096	°052	78°6	76°0	80°5	76°5	86°0	79°0	79°0	74°0	73°0	87°0	144°5	69°5	85°0	8°5	—	
21	°079	°096	°053	°102	78°0	75°4	80°5	76°6	87°0	78°0	80°0	74°0	74°0	87°0	142°0	70°5	83°0	9°0	—	
22	°087	°112	°036	°068	76°5	72°0	81°0	77°0	86°0	79°0	80°0	75°0	71°0	88°0	148°0	68°0	83°0	9°7	—	
23	°104	°108	°052	°085	79°0	75°0	84°0	77°0	85°5	79°2	77°5	73°0	74°0	86°0	145°0	73°0	83°1	9°5	—	
24	°028	°061	°001	°026	80°6	75°0	84°0	78°0	78°0	75°5	77°5	74°0	74°0	87°0	147°0	70°0	83°2	6°2	—	
25	°028	°024	°006	°064	77°0	75°0	81°0	76°5	81°0	77°2	76°0	75°0	75°0	83°0	116°0	72°0	82°8	0°8	1°60	
26	°072	°073	30°007	°068	76°0	74°0	82°0	76°8	85°0	77°0	76°8	73°0	73°0	86°0	144°0	71°5	81°9	9°5	3°45	
27	°030	°052	29°974	°008	73°5	72°6	82°5	79°0	86°0	79°5	77°0	76°0	71°5	88°0	145°0	68°5	82°0	5°3	°46	
28	30°017	30°018	°970	30°002	76°4	74°0	82°6	79°0	83°5	78°0	76°2	75°0	75°0	89°0	153°0	71°0	82°0	6°0	—	
29	29°983	29°990	°928	29°996	77°0	75°5	82°0	78°0	86°0	78°0	76°0	76°0	73°0	86°5	141°0	70°0	82°1	9°5	°06	
30	30°006	30°030	°937	30°001	75°0	74°5	82°8	78°2	86°0	77°2	77°0	73°0	71°5	86°0	141°5	68°0	82°0	10°0	°62	
31	30°036	30°040	29°970	30°002	78°0	74°6	83°8	77°8	86°5	79°0	79°6	75°5	73°0	89°0	149°0	70°0	82°0	6°7	—	
Mean	30°081	30°087	30°039	30°074	77°5	76°0	81°9	77°5	84°9	78°0	78°2	74°7	73°4	86°8	144°2	70°8	82°8	250°6	10°21	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

SEPTEMBER 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fahr. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
	ins.	ins.	ins.	ins.	78°0	76°5	83°0	77°0	85°0	76°0	79°5	76°0	74°0	87°0	151°0	72°0	82°0	hours.	ins.	
1	29°907	29°959	29°894	29°898	78°0	76°5	83°0	77°0	85°0	76°0	79°5	76°0	74°0	87°0	151°0	72°0	82°0	9°8	49	
2	°012	°904	°875	°924	76°0	74°4	78°2	75°0	80°0	75°0	77°0	74°5	73°0	82°5	138°0	71°0	82°0	1°8	34	
3	°965	°962	°882	°930	78°0	75°5	82°5	78°5	86°5	80°0	80°0	76°0	75°0	87°0	144°5	73°0	82°0	9°5	°15	
4	°952	°949	°871	°952	78°5	75°5	82°0	78°0	86°0	79°0	80°0	77°5	76°0	90°5	156°0	70°0	82°0	3°3	—	
5	°929	°920	°874	°900	77°0	74°6	81°0	77°0	82°5	76°0	77°0	73°5	72°0	90°5	145°0	70°0	82°0	6°7	°01	
6	29°951	29°958	°930	°976	80°0	77°0	83°0	78°6	84°0	76°0	78°5	75°0	74°0	88°0	147°0	71°0	82°0	7°2	—	
7	30°005	30°020	°952	°998	78°0	76°0	83°0	79°0	86°0	79°0	79°0	75°0	74°5	87°5	147°0	70°0	82°0	8°7	°08	
8	29°985	30°004	°977	°973	76°2	74°0	82°6	78°0	82°0	76°5	78°0	73°0	73°5	87°0	151°0	71°5	82°0	6°7	°38	
9	°979	29°970	°938	°933	77°6	74°0	80°2	77°0	82°0	76°5	77°0	74°5	72°5	86°5	148°0	71°0	82°1	3°7	—	
10	°992	29°985	°944	29°970	76°4	74°0	79°5	76°0	83°8	78°0	79°0	74°0	71°5	86°0	140°0	68°5	82°1	3°5	°25	
11	29°985	30°027	°976	30°012	76°0	74°0	82°5	78°0	82°9	77°8	79°0	76°0	72°0	90°0	154°5	69°0	82°1	6°0	°02	
12	30°052	°054	°987	°011	76°0	74°5	76°8	75°0	79°8	76°0	74°5	74°0	74°5	83°0	128°0	73°0	82°0	0°8	°36	
13	°039	°052	29°962	°011	75°0	73°5	80°0	77°0	82°9	77°8	74°0	72°0	72°0	83°5	147°0	70°5	82°0	5°0	1°87	
14	°048	°068	30°008	°055	74°0	73°0	80°2	77°0	82°5	76°7	78°0	73°5	72°0	86°0	153°0	69°0	81°2	7°0	—	
15	°083	°068	30°007	°039	76°0	73°8	80°0	77°0	82°0	78°0	79°0	74°0	72°5	87°0	145°0	69°0	81°4	7°0	—	
16	°056	°079	29°986	°023	76°0	74°6	77°5	76°0	82°0	79°0	78°0	75°0	74°0	86°0	147°0	72°0	81°9	6°0	°06	
17	°013	°032	30°000	°026	76°0	75°0	83°0	79°0	82°0	76°5	77°5	75°0	72°5	87°0	139°0	70°0	81°8	5°8	°13	
18	°039	°039	30°035	°035	76°5	75°0	79°8	77°0	72°8	69°0	70°0	67°0	70°0	85°0	150°0	69°0	82°0	4°7	—	
19	°023	°065	29°991	30°053	70°5	68°8	78°2	73°8	82°0	77°0	77°0	74°0	68°0	83°0	128°5	65°0	81°7	4°7	°06	
20	30°037	30°023	°958	29°988	75°4	73°0	80°0	77°0	82°8	78°0	75°0	74°5	73°5	85°0	152°0	71°5	81°4	5°3	°03	
21	29°959	29°987	°941	°960	78°0	77°0	80°0	77°0	76°0	75°0	74°5	73°0	74°0	83°5	143°0	72°5	81°5	4°3	4°20	
22	°979	°985	°938	°973	76°0	74°0	76°5	74°0	79°0	77°0	77°0	74°8	73°5	85°0	151°0	71°0	80°9	2°3	°20	
23	°983	°995	°919	°956	75°8	74°0	80°0	77°3	87°5	79°0	82°0	77°5	74°5	87°5	143°0	69°5	81°0	10°5	—	
24	°976	°982	°924	°986	79°0	76°5	81°0	77°2	87°0	79°2	82°0	78°0	76°0	87°0	146°0	71°5	81°0	9°7	—	
25	°959	°982	°904	29°963	78°0	76°0	85°0	80°0	85°0	79°0	82°5	78°5	76°0	86°0	145°0	72°5	81°4	10°5	—	
26	29°983	29°962	29°952	30°016	75°2	74°2	84°0	78°0	87°0	79°0	78°5	77°0	74°5	90°0	143°5	71°0	82°0	7°7	—	
27	30°058	30°072	30°004	°056	77°0	75°5	86°0	81°0	86°0	78°5	79°5	76°0	75°0	86°5	141°5	72°0	82°0	9°7	°01	
28	°061	°068	30°002	°055	76°0	75°0	80°0	86°2	80°0	79°5	74°0	74°5	75°0	86°5	143°0	72°5	82°0	8°3	—	
29	30°073	30°073	29°978	30°011	75°5	74°0	76°0	74°5	87°0	84°0	77°0	76°5	71°5	89°0	144°0	69°0	82°0	0°7	1°20	
30	29°980	29°945	29°938	29°936	76°0	74°0	86°0	80°0	88°5	81°0	86°0	85°0	72°5	89°0	142°0	71°0	82°0	7°0	—	
Mean	30°001	30°006	29°952	29°987	76°5	74°6	81°0	77°4	83°4	77°5	78°2	75°2	73°3	86°6	145°2	70°6	81°8	192°7	9°84	

Day.	LOWER CLOUDS.								WIND.			REMARKS.
	9 A.M.				9 P.M.				Direction and Force.		Vel.	
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.	9 p.m.		
1	Cum.	8	NE	3	Cum. Nim.	7	N	2	W	1	Calm 0	miles.
2	Cum.	9	SE	2	Cum.	6	—	—	E	2	E 1	147
3	Cum.	4	—	0	Cum.	9	—	—	ESE	2	E 2	210
4	Cum.	6	SSE	3	Nim.	10	—	—	ESE	1	Calm 0	280
5	Cum.	6	S	2	Cum.	6	—	—	E	1	Calm 0	95
6	Cum.	5	SE	2	Cum.	4	—	—	ESE	2	Calm 0	140
7	Cum.	4	SE	2	Cum.	4	—	—	SSE	1	NE 1	105
8	Cum.	5	E	3	Cum.	3	—	—	W	1	Calm 0	160
9	Cum.	5	E	2	Cum.	4	—	—	SSW	1	Calm 0	100
10	Cum.	9	E	2	Cum.	8	E	2	W	1	ENE 1	125
11	Cum.	4	ENE	2	Cum.	4	—	—	SSW	0°5	E 1	75
12	Nim.	10	—	3	Nim.	10	—	—	E	1	Calm 0	100
13	Cum.	6	E	1	Cum.	10	—	—	E	1	Calm 0	130
14	Cum.-s.	5	E	1	—	10	—	—	E	1	Calm 0	100
15	Cum.-s.	5	SE	1	Cum.	6	SbyE	1	W	1	ENE 1	100
16	Cum. Nim.	10	E	1	Cum.	3	—	—	Calm	0	E 0°5	150
17	Cum.	9	E	2	Cum.	10	S	2	W	1	E 0°5	100
18	Cum.	6	SE	1	Cum.	10	S	2	SSW	1	W 1	50
19	Cum.-s.	3	—	0	Cum.	7	S	1	WhyS	1	E 0°5	125
20	Cum.	4	—	1	Nim.	10	—	—	WbyS	1	E 1	100
21	Cum.	6	SE	1	Cum.	3	—	—	Calm	0	Calm 0	170
22	Cum.	10	E	2	Cum.	9	E	3	E	1	SSE 1	135
23	Cum.	4	E	1	Cum.	4	—	—	ESE	2	SSW 2	175
24	Cum.	6	SSE	4	Cum.	8	S	4	ESE	2	ESE 2	200
25	Cum.	6	E	1	Cum.	8	—	—	ESE	2	S 2	135
26	Cum.	6	W	1	Cum.	7	SW	1	Calm	0	SE 2	150
27	Cum.	5	SE	2	Cum.	3	—	—	SE	1	Calm 0	175
28	Cum.	7	ESE	3	Cum.	4	—	—	Calm	0	E 1	145
29	Cum.	6	E	1	Cum.	2	—	—	NNE	1	Calm 0	185
30	Cum.	6	E	2	Cum.	5	—	—	SE	1	E 1	125
Mean	—	6°2	—	1°7	—	6°5	—	—	1°1	0°7	134°6	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

OCTOBER 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Fahr. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	ins.	ins.	ins.	ins.	74°5	72°0	81°0	77°5	84°0	77°0	77°5	75°5	72°0	86°5	146°0	69°5	82°0	hours.	ins.	
2	29°966	29°942	29°929	29°936	74°5	72°0	81°0	77°5	84°0	77°0	77°5	75°5	72°0	86°5	146°0	69°5	82°0	8'7	—	
3	29°921	29°915	29°876	29°918	74°5	72°0	81°0	77°5	84°0	77°0	77°5	75°5	72°0	86°5	145°5	69°5	82°0	5'7	—	
4	29°966	29°968	29°948	29°977	80°0	77°0	81°0	77°5	78°0	76°5	78°0	74°0	74°0	83°0	138°0	73°0	82°0	2°0	°50	
5	29°973	29°962	29°962	29°958	77°0	75°5	82°5	77°4	83°5	76°8	78°0	76°5	75°0	87°0	148°0	73°0	82°0	3'7	°06	
6	29°964	29°905	29°991	29°987	76°5	74°5	82°0	76°5	85°0	77°0	81°0	77°0	76°0	87°0	146°0	73°5	82°0	7'3	—	
7	29°966	29°962	29°962	29°958	75°0	74°0	83°5	77°5	86°0	79°0	80°0	75°5	73°5	87°0	146°5	69°5	82°0	9'5	—	
8	29°966	29°962	29°962	29°958	75°0	74°0	84°0	78°5	90°5	79°2	79°0	75°5	71°5	91°5	146°5	71°0	82°0	9'8	—	
9	29°995	29°982	29°943	29°982	76°0	74°0	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	10°0	—	
10	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	6'2	—	
11	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
12	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
13	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
14	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
15	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
16	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
17	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
18	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
19	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
20	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
21	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
22	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
23	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
24	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
25	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
26	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
27	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
28	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
29	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
30	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
31	29°995	29°982	29°943	29°982	74°5	73°5	84°0	78°0	91°5	79°0	82°0	76°5	72°5	92°5	145°5	70°0	82°0	9'8	—	
Mean	30°011	30°027	29°970	30°001	74°9	73°5	82°1	78°0	85°0	77°9	77°8	75°0	72°7	87°4	145°9	69°9	82°2	208°4	4°95	

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

NOVEMBER 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Falt. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	ins.	ins.	ins.	ins.	72°0	71°5	79°0	74°0	87°0	80°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	hours.	ins.	
2	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	8°2	33	
3	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	6°5	30	
4	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	3°7	80	
5	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	2°0	17	
6	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	4°2	28	
7	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	9°0	15	
8	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	4°0	04	
9	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	2°8	12	
10	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	5°8	03	
11	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	8°5	—	
12	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	6°7	—	
13	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	7°2	32	
14	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	7°0	—	
15	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	2°8	90	
16	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	6°0	—	
17	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	3°0	110	
18	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	6°0	65	
19	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	9°0	45	
20	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	5°8	—	
21	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	3°5	90	
22	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	4°0	—	
23	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	6°2	—	
24	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	3°8	—	
25	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	4°0	75	
26	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	—	—	
27	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	—	—	
28	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	—	—	
29	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	—	—	
30	29°996	30°044	29°982	30°030	72°0	71°5	82°0	79°0	81°0	78°0	76°0	74°0	71°0	90°0	149°0	69°0	81°5	—	—	
Mean	29°996	30°044	29°982	30°030	72°3	71°6	79°2	74°4	84°3	79°3	75°6	74°3	70°3	86°3	147°0	67°8	80°2	168°5	7°29	

Day.	LOWER CLOUDS.								WIND.			REMARKS.
	9 A.M.				9 P.M.				Direction and Force.		Vel.	
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.	9 p.m.		
1	—	—	—	—	—	—	—	—	W	1	—	miles.
2	—	—	—	—	—	—	—	—	W	1	—	75
3	Nim.	8	—	—	—	—	—	—	W	1	—	67
4	Cum. Nim.	8	—	—	—	—	—	—	W	2	Calm o	159
5	Cum.	3	—	—	—	—	—	—	W	1	—	104
6	Cum.	3	—	—	—	—	—	—	ENE	1	—	75
7	Cum.	6	—	—	—	—	—	—	SW	1	Calm o	125
8	Cum. Nim.	5	—	—	—	—	—	—	SW	1	—	75
9	Cum.	3	—	—	—	—	—	—	W	1	E 1	105
10	Cum.	2	—	—	—	—	—	—	W	1	E 1	100
11	Cum.	3	—	—	—	—	—	—	E	1	—	125
12	Cum.	2	—	—	—	—	—	—	W	1	—	75
13	Cum.	3	—	—	—	—	—	—	W	1	—	100
14	Cum.	5	—	—	—	—	—	—	W	1	—	105
15	Cum.	3	—	—	—	—	—	—	W	1	—	50
16	Cum. Nim.	5	—	—	—	—	—	—	W	1	—	150
17	Cum.	4	—	—	—	—	—	—	W	1	W 1	100
18	Cum. Nim.	8	—	—	—	—	—	—	W	2	—	125
19	Cum.	4	—	—	—	—	—	—	W	3	—	110
20	—	—	—	—	—	—	—	—	W	1	Calm o	100
21	—	—	—	—	—	—	—	—	W	1	—	75
22	—	—	—	—	—	—	—	—	E	3	E 2	50
23	—	—	—	—	—	—	—	—	—	1	—	75
24	—	—	—	—	—	—	—	—	—	1	—	75
25	Cum.	4	—	—	—	—	—	—	W	1	Calm o	105
26	Cum. Nim.	3	—	—	—	—	—	—	NW	1	W 2	130
27	Cum.	1	—	—	—	—	—	—	W	1	—	95
28	Cum.	6	—	—	—	—	—	—	E	1	—	100
29	Cum.	4	—	—	—	—	—	—	W	1	—	150
30	Cum.	4	—	—	Cum.	1	—	—	W	1	N 1	105
Mean	—	—	—	—	—	—	—	—	1°2	—	—	99°5

SANCHEZ, SAN DOMINGO.—Long. 69° 37' W. Lat. 19° 13' N. Height above Mean Sea Level, 50 feet.
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

DECEMBER 1888.

Day.	BAROMETER.				TEMPERATURE.														SUN-SHINE.	RAIN-FALL.
	At 32° Falt. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		9 p.m.		Shade.		Radiation.		Earth.			
	7 a.m.	9 a.m.	2 p.m.	9 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.				
1	ins.	ins.	ins.	ins.	72°0	71°0	78°5	77°0	83°5	77°0	78°0	76°0	71°0	85°0	137°5	68°5	80°0	hours.	ins.	
2	30°092	30°087	30°010	30°122	72°0	72°0	79°5	76°0	83°0	77°0	78°0	77°0	71°5	89°0	139°0	69°0	80°0	9°0	—	
3	°088	°123	°045	°090	72°0	71°5	79°5	76°5	82°5	77°0	78°0	78°5	71°2	84°0	150°0	68°2	80°0	6°0	—	
4	°094	°126	°070	°105	72°0	71°5	79°5	76°5	82°5	77°0	78°0	78°5	72°5	85°5	138°0	69°5	80°5	9°0	—	
5	30°056	°094	30°017	30°060	71°5	70°5	78°0	76°5	82°0	77°0	80°0	76°0	71°0	86°0	138°0	68°5	80°5	5°5	—	
6	29°997	°040	29°925	29°960	72°5	70°0	78°5	76°5	76°5	74°5	74°5	73°5	84°0	139°5	66°0	80°0	0°0	°79	—	
7	29°991	°047	29°980	30°020	72°5	70°0	78°5	76°5	76°5	74°5	74°5	73°5	84°0	139°5	66°0	80°0	0°0	°79	—	
8	30°074	°085	30°034	°134	68°5	69°5	71°0	70°5	73°0	70°5	69°5	68°5	72°5	81°0	68°5	78°5	6°0	4°00	—	
9	°106	°125	°051	°072	68°5	68°0	70°8	70°0	79°0	74°0	74°0	70°0	66°0	87°5	141°0	64°0	78°0	2°6	—	
10	°049	°080	30°012	30°013	71°0	70°0	78°5	76°8	82°8	70°5	76°0	74°0	68°5	85°0	139°0	65°0	78°5	16°0	—	
11	30°000	30°037	29°934	29°948	71°0	71°0	79°0	76°0	83°0	79°5	78°0	76°2	71°0	84°0	151°5	65°0	78°5	8°7	—	
12	29°938	29°979	29°931	30°021	78°0	76°0	82°0	78°5	84°8	80°0	78°0	76°0	76°0	86°5	137°5	68°0	78°5	7°0	—	
13	30°004	30°074	30°003	°050	74°0	73°0	76°0	75°2	82°5	79°0	74°5	74°0	73°0	86°0	136°0	69°0	79°0	2°0	°04	
14	°037	°081	29°994	°041	71°0	70°5	77°0	75°0	86°5	79°8	75°0	74°5	70°0	86°5	143°5	66°5	80°0	5°0	—	
15	°062	°109	30°028	°106	72°0	70°5	77°0	75°8	84°5	75°5	74°5	73°0	70°0	85°0	143°0	69°0	80°0	5°0	—	
16	°147	°212	°122	°171	71°5	70°0	74°5	72°5	76°0	74°0	74°0	73°0	71°0	79°0	117°0	70°0	79°9	0°5	°80	
17	°175	°222	°128	°123	70°5	70°0	74°0	73°5	77°5	75°0	73°0	72°5	69°0	86°0	133°0	68°0	80°0	0°2	1°30	
18	°082	°123	°039	°054	68°0	67°5	76°0	73°5	85°0	75°5	76°0	73°0	66°5	85°0	135°0	63°0	79°0	9°7	—	
19	°075	°135	°064	°054	68°0	67°5	76°0	73°5	85°0	75°5	76°0	73°0	66°5	85°0	135°0	63°0	79°0	9°7	—	
20	°073	°131	30°065	°078	70°0	69°0	78°0	73°5	80°5	75°5	72°5	72°0	69°5	86°5	146°0	66°0	79°0	5°5	—	
21	°048	°084	30°090	°030	70°0	69°2	74°0	73°3	83°0	75°5	76°0	74°0	68°5	84°0	143°5	66°0	79°0	5°7	—	
22	°031	°108	30°041	°094	71°5	70°0	75°5	74°0	74°0	70°5	72°0	70°0	70°0	79°3	136°0	68°0	79°0	5°5	—	
23	°102	°150	°082	°087	69°0	68°0	69°8	67°5	72°0	70°5	70°0	69°5	66°5	77°0	98°0	66°5	78°9	0°0	°36	
24	°092	°094	°023	°068	70°0	69°5	72°0	71°5	73°0	71°8	72°0	71°5	65°5	73°0	99°0	66°5	78°0	0°0	°20	
25	°102	°114	°023	°080	70°0	69°5	70°5	69°8	76°5	74°5	73°0	72°0	66°5	80°5	132°5	66°0	77°8	0°0	°30	
26	°057	°073	30°001	°018	71°0	69°5	72°0	70°5	78°5	75°0	73°0	72°5	66°0	82°0	137°5	66°0	77°5	0°8	°50	
27	°044	°057	29°973	°004	71°5	70°0	74°5	73°5	78°5	75°0	73°0	72°0	80°0	143°5	66°0	77°5	1°7	°22	—	
28	°019	°068	29°990	°065	72°0	71°5	77°0	74°5	84°0	77°5	77°0	75°5	73°0	84°0	143°0	68°5	77°8	0°7	—	
29	°058	°136	30°077	°118	72°0	71°0	74°5	73°7	83°0	76°0	76°0	74°0	71°0	84°0	133°0	69°0	78°0	6°5	—	
30	°147	°129	°099	°123	70°5	70°0	74°5	73°0	84°5	76°5	74°5	72°5	69°5	85°0	142°0	66°5	78°0	8°5	—	
31	°228	°191	°153	°173	74°5	73°0	78°0	74°5	79°0	77°0	74°0	72°0	73°0	84°0	143°0	69°5	78°3	3°5	°26	
Mean	30°146	30°101	30°109	30°096	70°5	69°5	77°0	74°5	83°5	77°5	77°5	74°5	69°5	84°3	144°5	67°5	78°2	6°0	°57	
Mean	30°071	30°107	30°033	30°073	71°4	70°4	76°0	74°0	80°7	75°6	74°9	73°3	69°8	83°2	134°7	67°2	78°9	140°7	9°74	

SANCHEZ, SAN DOMINGO.—MONTHLY MEANS AND SUMMARIES.

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Month.	BAROMETER.									TEMPERATURE.				SUN-SHINE.	Vapour Tension. at Noon.	
	Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Shade.		Radiation.				Earth.
	6 a.m.	8 a.m.	10 a.m.	Noon.	2 p.m.	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Min.	Max.	Solar.	Grass.			
Jan. -	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	66° 3	81° 7	—	—	—	hours.	ins.
Feb. -	30° 031	30° 057	30° 066	30° 039	29° 994	29° 993	30° 007	30° 026	30° 040	66° 3	81° 7	—	—	—	216° 7	° 683
March	° 043	° 069	° 080	° 047	30° 003	29° 993	° 014	° 047	° 053	67° 9	83° 5	138° 9	—	—	205° 6	° 715
April	30° 070	° 094	° 093	30° 060	30° 022	30° 014	30° 031	30° 068	30° 076	68° 7	84° 9	137° 7	—	—	250° 1	° 659
May -	29° 987	° 005	° 004	29° 984	29° 951	29° 930	29° 949	29° 969	29° 997	67° 0	87° 7	—	66° 4	—	221° 0	° 702
June -	30° 056	° 060	° 063	30° 052	30° 025	30° 005	30° 008	30° 029	30° 053	67° 4	86° 9	—	68° 5	—	239° 0	° 747
July -	° 054	° 067	° 076	° 058	° 027	° 020	° 028	° 055	° 059	71° 4	86° 9	—	68° 5	—	239° 0	° 747
Aug. -	° 075	° 092	° 099	° 076	30° 048	30° 037	° 052	° 078	° 085	72° 7	87° 4	—	71° 0	81° 1	160° 8	° 790
Sept.	30° 016	° 034	° 042	30° 019	29° 981	29° 984	30° 002	30° 022	30° 028	72° 8	88° 1	—	71° 1	81° 7	206° 0	° 871
Oct. -	29° 987	30° 007	° 014	29° 984	° 943	° 941	29° 963	29° 986	29° 999	73° 0	88° 2	—	71° 1	81° 3	223° 0	° 875
Nov. -	29° 969	29° 998	° 000	29° 964	° 926	° 924	29° 943	29° 975	29° 992	72° 1	89° 1	—	70° 4	82° 0	236° 0	° 834
Dec. -	30° 041	30° 070	° 080	30° 038	29° 999	29° 996	30° 013	30° 040	30° 049	71° 2	87° 8	—	69° 3	81° 3	266° 4	° 804
Year	30° 069	30° 102	30° 113	30° 078	30° 030	30° 029	30° 050	30° 076	30° 082	69° 5	84° 8	134° 3	67° 5	79° 5	231° 8	° 759
	30° 033	30° 055	30° 061	30° 033	29° 996	29° 989	30° 005	30° 031	30° 043	66° 3	82° 4	—	64° 1	77° 4	205° 0	° 733
										69° 9	86° 0	—	—	—	2801° 4	° 764

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Month.	DRY-BULB AND WET-BULB THERMOMETERS.																	
	6 a.m.		8 a.m.		10 a.m.		Noon.		2 p.m.		4 p.m.		6 p.m.		8 p.m.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
Jan. -	67°7	63°4	70°4	67°7	75°4	71°2	78°4	72°1	79°4	74°7	78°1	74°3	74°6	69°2	73°0	68°5	72°0	68°4
Feb. -	70°3	68°9	74°2	71°6	78°9	73°6	80°4	73°7	81°0	73°5	79°5	73°0	75°6	71°1	74°1	70°4	73°0	70°0
Mar. -	71°3	68°7	75°8	71°1	79°5	73°5	81°3	72°6	81°2	72°5	79°0	74°4	76°1	70°3	74°7	69°6	73°9	69°7
April	72°3	70°0	76°1	72°9	80°8	74°6	82°9	74°3	83°4	74°2	80°9	73°9	78°6	72°6	76°5	71°8	75°3	71°6
May -	74°5	71°9	78°1	74°0	80°9	74°9	83°0	76°4	83°9	75°6	81°8	74°7	79°9	73°9	78°2	73°4	76°7	73°4
June	76°3	73°8	79°8	76°1	83°0	77°0	84°0	76°8	82°9	76°2	80°9	76°3	79°2	74°5	77°9	73°8	76°9	74°4
July -	75°2	73°3	79°7	76°5	83°0	77°9	84°7	73°8	84°6	73°4	83°2	77°6	80°4	76°0	79°0	75°1	78°1	76°7
Aug. -	75°4	74°2	80°2	77°2	82°8	78°4	84°5	73°7	84°4	73°9	82°0	77°1	79°4	76°0	78°3	75°5	77°4	75°5
Sept.	73°8	72°8	79°8	76°6	84°7	78°7	85°8	73°4	85°3	77°9	82°2	76°4	79°1	75°2	76°0	74°6	76°1	74°4
Oct. -	72°4	71°6	78°4	73°8	83°6	77°7	84°5	77°2	83°9	77°0	81°7	75°9	78°4	74°5	77°0	74°0	76°4	73°9
Nov. -	71°0	69°5	75°6	72°7	80°7	75°2	82°1	75°3	81°1	74°7	79°4	74°0	76°2	72°1	75°0	72°0	74°3	71°8
Dec. -	67°5	66°7	72°0	70°2	78°0	73°6	79°2	73°7	79°0	73°9	77°3	72°2	73°8	70°0	72°4	69°4	71°2	68°6
Year -	72°3	70°5	76°7	73°5	80°9	75°4	82°6	76°6	82°5	73°3	80°5	74°4	77°6	73°0	76°1	74°3	75°1	72°2

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Jan. -	66°9	65°7	73°6	69°6	78°7	72°3	79°4	74°7	79°4	71°6	77°5	70°9	73°7	69°1	72°3	68°4	71°0	67°7
Feb. -	65°0	63°5	72°0	68°3	77°8	70°5	77°9	70°2	77°9	70°0	76°4	68°9	72°2	67°0	70°3	66°2	69°1	63°3
Mar. -	67°2	65°5	74°1	69°6	77°8	74°5	80°5	74°1	80°8	74°5	78°1	70°3	73°8	68°3	73°0	68°0	71°1	67°7
April	70°4	68°4	75°4	74°4	79°2	78°6	80°7	73°2	81°5	73°4	80°0	72°6	76°5	70°4	74°5	69°5	73°7	69°4
May -	73°1	71°4	76°9	73°5	80°6	75°0	82°6	70°3	81°9	73°1	79°1	73°9	76°8	72°8	75°2	72°2	74°2	74°9
June	75°3	73°3	78°4	75°4	81°2	76°2	82°8	76°3	82°5	76°0	80°7	75°3	78°9	74°4	76°8	73°6	76°0	73°3
July -	74°8	73°4	78°9	76°7	82°2	77°0	83°5	77°1	83°9	77°0	82°4	76°9	80°2	75°4	77°5	74°2	76°6	73°9
Aug. -	75°5	73°9	78°8	76°0	83°6	78°2	84°9	78°0	85°2	77°7	83°1	76°8	80°6	76°0	78°4	74°9	77°5	74°5
Sept.	74°7	73°2	80°0	76°8	85°7	78°9	86°3	78°4	85°7	78°5	84°1	77°9	81°0	76°5	78°4	75°2	77°4	74°7
Oct. -	73°0	71°6	78°7	75°3	83°9	77°4	84°9	77°6	84°0	76°7	81°3	75°4	78°1	74°0	76°9	73°2	76°2	73°1
Nov. -	71°6	70°5	76°2	73°5	81°2	76°4	82°9	76°3	83°4	76°1	80°5	75°0	77°5	73°8	76°0	73°3	75°2	72°8
Dec. -	67°2	66°0	69°9	68°2	77°1	72°0	79°5	72°7	79°4	72°0	77°8	74°2	73°9	69°3	72°8	69°0	72°0	68°7
Year	71°2	69°7	76°0	72°8	80°8	74°8	82°2	74°8	82°1	74°6	80°1	73°7	76°9	72°3	75°1	71°5	74°2	74°1

NOTE.—The values for August 1887 are for 26 days only, except for shade maxima and minima, which are for 29 days.

SANCHEZ, SAN DOMINGO.—MONTHLY MEANS AND SUMMARIES.

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Month.	EXTREMES OF TEMPERATURE.								WIND FORCE.						LOWER CLOUDS.			RAIN. FALL.
	Shade.				Radiation.				Beaufort Scale.					Vel.	Amount.			
	Min.	Day.	Max.	Day.	Solar.	Day.	Grass.	Day.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.		6 a.m.	2 p.m.	10 p.m.	
Jan.	61°	18th	87°	11th	—	—	—	—	0·2	1·6	2·5	1·0	0·2	—	7·0	6·8	—	ins. 10·8
Feb.	62°	18th	90°	27th	150°	22nd, 27th	—	—	0·6	1·6	3·0	1·1	0·2	—	7·8	6·5	5·6	4·75
March.	62°	4th	94°	11th	148°	5	—	—	0·9	1·7	2·8	2·0	0·5	—	6·1	5·3	6·1	1·6
April.	65°	25th, 26th	90°	3rd	—	—	61°	26th	0·5	1·2	2·2	1·6	0·1	—	5·0	6·7	6·5	10·0
May.	66°	14th, 16th	94°	2nd, 27th	—	—	62°	14, 16, 18	0·6	1·5	2·3	1·5	0·4	—	6·4	7·2	6·4	10·6
June.	69°	8th	91°	23rd	—	—	68°	9th, 14th	0·3	1·3	2·1	1·2	0·4	—	7·3	7·9	8·1	9·7
July.	69·8	5th	90°	2nd, 16th	—	—	69°	4, 5, 19	0·2	1·1	2·0	0·7	0·1	111·8	5·4	7·1	7·2	5·75
August.	69°	3rd	93°	27th	—	—	68°	15th	0·6	1·5	2·3	1·0	0·2	135·7	6·1	7·4	7·1	13·23
Sept.	69°	2nd	94°	22, 24, 28	153°	5th	67°	2nd	0·6	1·2	2·0	0·6	0·3	98·8	5·6	7·1	6·8	6·13
October.	66°	16th	92°	23rd, 26th	153°	2nd	64°	16th	0·3	1·3	2·2	1·1	0·3	—	5·3	7·5	6·2	8·09
Nov.	64°	30th	89°	2nd	154°	4th	62°	30th	0·8	1·4	2·4	1·0	0·9	—	7·5	7·6	7·1	5·61
Dec.	63°	25th	86°	6th	144°	1, 3, 14	61°	25, 26	0·6	0·9	1·9	0·5	0·1	90·6	7·3	6·6	5·2	5·51
Year.	—	—	—	—	—	—	—	—	0·5	1·4	2·3	1·1	0·3	—	6·4	7·0	—	91·9

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Month.	RAINFALL.			WEATHER, NO. OF DAYS OF						WIND DIRECTION, NO. OF OBSERVATIONS OF								Calcu.
	Total.	Max.	Day.	Rain.	Hail.	Thunder-storm.	Lightning.	Mist or Fog.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
Jan. -	ins. 10'80	ins. 2'06	26th	11	0	0	0	29	0	2	21	23	4	0	7	15	2	81
Feb. -	4'73	'98	6th	13	0	0	0	25	0	3	11	46	12	4	1	12	3	48
March -	1'65	'48	19th, 24th	7	0	1	1	23	0	13	22	59	8	3	3	12	5	39
April -	10'06	6'00	4th	10	0	6	3	25	0	7	8	51	9	10	1	13	1	50
May -	10'60	2'29	31st	8	0	8	3	16	1	3	11	57	12	8	2	9	1	52
June -	9'77	1'50	10th	12	0	15	2	18	0	0	15	66	7	1	1	5	0	55
July -	5'78	1'80	13th	11	0	11	5	13	0	0	8	63	7	0	0	4	0	73
Aug. -	13'23	2'40	25th	18	0	10	2	16	1	0	11	65	4	4	0	6	0	65
Sept. -	6'13	2'00	26th	14	0	13	8	28	0	4	9	28	13	6	4	24	4	58
Oct. -	8'09	4'95	22nd	14	0	5	9	30	1	10	21	26	16	2	2	11	4	63
Nov. -	5'61	1'12	9th	21	0	6	3	23	0	20	23	19	5	0	3	19	9	54
Dec. -	5'51	'54	17th, 18th	21	0	0	0	26	0	3	15	23	13	3	3	26	3	66
Year -	91'96	—	—	160	0	75	36	272	3	65	175	526	110	41	27	156	32	693

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NOTE.—The values for August 1887 are for 26 days only, except for rainfall and wind-velocity, which are complete.

SANCHEZ, SAN DOMINGO.—MONTHLY MEANS AND SUMMARIES.

1888.

Month.	BAROMETER				TEMPERATURE.														Sunshine.
	At 32° Fht. and Mean Sea Level.				7 a.m.		9 a.m.		2 p.m.		5 p.m.		Shade.		Radiation.		Earth.		
	7 a.m.	9 a.m.	2 p.m.	5 p.m.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Min.	Max.	Solar.	Grass.			
Jan.	-	ins. 30°183	ins. 30°215	ins. 30°145	ins. 30°185	67°6	65°9	74°5	70°3	78°8	70°9	71°8	68°0	64°6	82°5	—	61°5	79°0	hours. 220°7
Feb.	-	°136	°154	°089	°125	68°1	66°2	74°8	70°4	78°1	70°0	71°4	67°3	64°9	80°5	—	61°0	78°6	218°4
March	-	°143	°165	°105	°141	69°6	66°9	75°2	69°9	79°2	70°9	71°6	67°6	65°9	81°3	—	61°7	78°7	211°8
April	-	°115	°135	°085	°111	70°7	68°3	77°7	72°3	81°0	72°8	73°1	69°3	67°8	83°5	144°4	64°2	80°9	158°8
May	-	°094	°104	°064	°093	74°9	72°7	78°6	74°9	80°7	72°3	75°0	72°4	71°6	82°4	140°9	68°5	79°6	176°4
June	-	°098	°101	°060	°087	76°9	74°9	80°6	76°8	85°7	77°5	77°1	74°5	73°4	85°2	145°0	70°6	80°6	229°8
July	-	°118	°124	°081	°109	77°8	75°4	81°4	77°6	83°8	77°5	78°1	75°0	73°8	86°0	144°2	71°2	82°6	254°6
Aug.	-	°081	°087	30°039	30°074	77°5	75°0	81°9	77°5	84°9	78°0	78°2	74°7	73°4	86°8	144°2	70°8	82°8	250°6
Sept.	-	°001	°006	29°052	29°087	76°5	74°6	81°0	77°4	83°4	77°5	78°2	75°2	73°3	86°6	145°2	70°6	81°8	192°7
Oct.	-	30°011	°027	°070	30°001	74°9	73°5	82°1	78°0	85°0	77°9	77°8	75°0	72°7	87°4	145°9	69°9	82°2	208°4
Nov.	-	29°096	°034	29°067	29°091	72°3	71°6	79°2	76°4	84°3	79°5	75°6	73°3	70°3	86°3	147°0	67°8	80°2	168°5
Dec.	-	30°071	30°107	30°033	30°073	71°4	70°4	76°0	74°0	80°7	75°6	74°9	73°3	69°8	83°2	134°7	67°2	78°9	140°7
Year	-	30°087	30°105	30°049	30°081	73°2	71°3	78°0	74°6	82°0	75°3	75°2	72°2	70°1	84°3	—	67°1	80°5	2431°4

Month.	EXTREMES OF TEMPERATURE.								WIND FORCE.			LOWER CLOUDS.	
	Shade.				Radiation.								
	Min.	Day.	Max.	Day.	Solar.	Day.	Grass.	Day.	9 a.m.	9 p.m.	Vel.	9 a.m.	9 p.m.
Jan.	60°0	7th	89°0	4th	—	—	58°0	7th	1°1	0°7	miles. 125°6	7°1	5°1
Feb.	62°0	20th, 23rd	86°0	6th	—	—	58°0	17th, 23rd	1°0	0°7	145°8	6°8	5°5
March	58°5	4th	89°0	12th	—	—	55°0	3rd, 4th	1°6	1°0	172°4	7°0	5°9
April	61°5	9th	90°8	21st	154°5	8th, 25th	56°0	9th	1°5	0°8	164°8	7°5	6°6
May	67°3	2nd	88°0	15th	147°5	21st	62°3	5th	1°9	0°5	193°1	6°6	7°9
June	69°0	8th	89°0	19th	152°0	24th	67°5	8th, 9th	1°7	0°6	160°9	6°0	7°2
July	70°0	20th, 21st	90°0	3rd	151°5	25th	68°0	20th	1°7	0°6	172°5	6°5	7°5
Aug.	71°0	22nd	89°0	8th, 28th, 31st	154°0	6th	68°0	22nd, 30th	1°5	0°3	155°1	7°0	5°3
Sept.	68°0	19th	92°5	4th, 5th	156°0	4th	65°0	19th	1°1	0°7	134°6	6°2	6°5
Oct.	70°0	21st, 25th, 31st	92°5	8th	152°0	27th	66°3	25th	1°3	—	133°9	—	—
Nov.	67°5	18th	90°0	1st, 29th	156°0	20th	62°0	9th	1°2	—	90°5	—	—
Dec.	65°5	23rd	87°5	8th	151°5	10th	63°0	18th	1°3	—	114°8	6°0	—
Year	—	—	—	—	—	—	—	—	1°4	—	147°8	—	—

Month.	RAINFALL.			WEATHER, NO. OF DAYS OF						WIND, NO. OF OBSERVATIONS OF								
	Total.	Max.	Day.	Rain.	Hail.	Thunder- storm.	Lightning.	Mist or Fog.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	N.	N.W.	Calm.
Jan.	ins. 4°92	ins. 1°20	30th	22	0	0	0	18	0	3	6	12	1	1	4	19	1	15
Feb.	3°37	°90	19th	12	0	0	0	18	0	3	6	7	0	4	3	16	1	16
March	1°40	°70	1st	8	0	0	1	8	0	8	10	18	5	2	1	7	2	9
April	10°46	4°50	27th	18	0	6	1	19	0	4	5	9	5	6	2	9	3	17
May	7°61	2°64	11th	21	0	9	3	9	0	3	1	24	7	2	1	4	0	20
June	12°84	3°80	24th	19	0	19	8	16	0	0	1	26	11	0	1	7	0	14
July	3°22	°54	11th	20	0	14	8	19	0	0	0	23	10	7	2	3	0	17
Aug.	10°21	3°45	26th	15	0	15	11	12	0	0	3	15	5	1	4	8	0	26
Sept.	9°84	4°20	21st	18	0	18	10	25	0	0	3	19	8	4	2	8	0	16
Oct.	4°95	°75	20th	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nov.	7°29	1°10	19th	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dec.	9°74	4°00	7th	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	85°85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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