#13400

Official No. 89.

LIBRARY
SIGNAL OFFICE
No. 13400.
Shelf
Case

METEOROLOGICAL OBSERVATIONS

MADE AT

SANCHEZ (SAMANÁ BAY), ST. DOMINGO,

1886–1888.

QC
987
.D65
R45
1886-1888

BY

THE LATE W. REID, M.D.

Published by the Authority of the Meteorological Council.

LIBRARY
OCT 30 2001
National Oceanic &
Atmospheric Administration
U.S. Dept. of Commerce

LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY EYRE AND SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

And to be purchased, either directly or through any Bookseller, from
EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; or
ADAM AND CHARLES BLACK, 6, NORTH BRIDGE, EDINBURGH; or
HODGES, FIGGIS, & CO., 104, GRAFTON STREET, DUBLIN.

1890.

Price Eight Shillings and Sixpence.

E 57128.

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

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 "∞°" read "⁂°."

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 Observa- "tory. 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 thermo- "meter (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.'"

E 57128. 350.—7/90. Wt. 20052. E. & S.

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 thermo-" meters 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. $\bullet^0$ slight Rain.
$\bullet^2$ 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

E 57128. 350.—3/89. Wt. 20052. E. & S. A

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above mean Sea Level, 50 feet.

JANUARY 1886.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·059	30·081	30·090	30·053	30·005	30·023	30·037	30·053	30·055	66·5	83·7	147·0	—	—	7·0	·639
2	·067	·079	·065	·049	30·020	·032	·017	·020	·050	63·5	81·5	149·0	—	—	6·0	·680
3	·050	·054	·047	·029	29·993	·000	·025	·040	·043	63·5	82·0	140·0	—	—	6·5	·570
4	·035	·040	·055	·033	·980	30·003	30·025	30·037	·049	63·0	82·5	146·0	—	—	7·0	·628
5	30·048	·080	·060	30·027	·973	29·963	29·987	29·995	·018	63·5	82·0	143·0	—	—	10·0	·818
6	29·967	·028	·015	29·988	·930	·932	·949	29·995	·007	66·0	85·0	149·0	—	—	10·0	·626
7	30·005	·037	·049	30·018	29·968	·958	29·992	30·000	·010	71·0	83·0	134·0	—	—	10·5	·650
8	·025	·047	·040	·040	30·000	29·987	30·009	·045	·035	65·0	81·0	139·0	—	—	7·5	·675
9	·045	·070	·087	·058	·032	30·025	·043	·052	·055	71·0	83·0	134·0	—	—	10·0	·915
10	·055	·063	·069	·042	30·010	·005	·009	·029	·055	71·0	84·8	152·0	—	—	8·5	·761
11	·028	·062	·058	·058	29·994	·005	·043	·069	·060	70·0	87·0	147·0	—	—	8·0	·736
12	·043	·073	·120	·075	30·050	·050	·043	·075	·075	71·0	76·0	—	—	—	0·0	·798
13	·081	·128	·143	·127	·040	·040	·052	·067	·070	68·0	82·0	133·0	—	—	3·5	·746
14	·075	·090	·130	·115	·080	·083	·083	·083	·065	71·0	76·0	—	—	—	0·5	·706
15	·078	·128	·133	·137	30·067	30·070	30·065	·084	·077	68·0	76·0	135·0	—	—	7·5	·623
16	30·037	·062	·083	·037	29·992	29·965	29·988	·014	·037	62·0	78·0	129·0	—	—	9·5	·479
17	29·980	·045	·063	·035	29·999	30·008	29·020	·057	·077	62·0	80·0	134·0	—	—	10·5	·483
18	30·103	·141	·153	·142	30·109	·109	·133	·159	·198	61·0	80·0	138·0	—	—	10·0	·633
19	·148	·179	·190	·159	·132	·117	·117	·145	·168	62·0	80·0	140·0	—	—	5·0	·646
20	·131	·162	·185	·137	·090	·090	·100	·099	·125	67·0	80·0	137·0	—	—	1·5	·736
21	·074	·101	·123	·078	·030	·020	·045	·067	·083	67·0	82·0	140·0	—	—	7·0	·650
22	·070	·098	·082	·062	·025	·013	·045	·046	·083	66·0	84·0	140·0	—	—	9·5	·726
23	·072	·097	·117	30·097	30·055	30·046	30·065	30·073	30·088	65·0	80·0	111·0	—	—	8·0	·680
24	30·032	30·034	30·037	29·997	29·940	29·947	29·942	29·957	29·990	65·0	80·0	131·0	—	—	2·0	·697
25	29·963	29·957	29·957	·905	·882	·862	·885	·867	·890	71·0	82·0	112·0	—	—	3·0	·733
26	·846	·857	29·861	·831	·786	·801	·822	·846	·869	70·0	84·0	137·0	—	—	6·0	·746
27	·885	·925	30·009	·979	·894	·867	·846	·854	·870	66·0	84·6	135·0	—	—	10·0	·655
28	·927	29·945	29·972	·915	·872	·887	·906	29·922	29·965	63·0	83·0	137·0	—	—	10·5	·661
29	29·990	30·028	30·009	29·968	·942	·962	·962	30·017	30·008	64·0	84·0	137·0	—	—	10·5	·635
30	30·029	·045	·023	30·025	·970	·968	·957	·015	·035	62·0	82·0	134·0	—	—	10·0	·716
31	30·020	30·020	30·035	29·982	29·950	29·943	29·979	30·022	30·025	70·0	83·0	130·0	—	—	0·5	·812
Mean	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

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.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
1	68°·0	64°·7	70°·0	67°·0	74°·7	71°·0	80°·0	71°·7	82°·0	72°·0	77°·7	69°·0	74°·0	67°·0	72°·5	66°·5	70°·0	66°·5
2	64·5	61·5	67·0	64·5	75·5	71·0	78·0	72·0	79·5	73·0	76·0	70·5	73·7	68·0	73·7	68·0	73·0	68·5
3	67·0	64·0	68·7	66·0	75·0	68·7	78·0	69·0	79·7	69·5	79·0	71·5	75·0	68·0	73·5	67·5	72·0	66·5
4	65·0	61·0	67·0	65·0	75·0	70·0	79·0	71·0	81·0	70·0	79·0	71·0	75·0	68·5	78·5	67·5	77·0	68·0
5	64·7	61·0	67·5	65·0	74·0	72·0	78·0	75·2	79·0	70·0	78·0	69·0	74·0	67·0	71·7	66·0	70·0	66·0
6	67·5	68·5	71·0	67·0	76·0	70·0	80·5	71·5	83·0	73·0	82·0	72·0	77·0	69·0	76·0	69·0	75·0	69·5
7	71·5	68·0	74·0	70·0	77·0	72·0	80·0	72·0	81·5	71·0	80·0	72·0	76·0	70·0	73·0	68·0	73·0	68·5
8	65·0	62·0	68·0	65·0	73·0	68·0	81·0	73·0	79·0	74·0	78·0	74·0	77·0	74·0	76·0	72·0	75·0	72·5
9	72·0	69·0	73·0	71·0	78·0	73·5	80·0	78·0	83·0	75·5	81·0	74·0	78·0	73·0	76·0	71·0	74·0	71·5
10	72·0	69·0	73·0	70·5	78·0	74·0	84·7	76·5	83·2	74·8	81·8	75·0	77·0	71·0	77·0	72·0	75·0	71·0
11	71·0	68·0	76·0	68·6	78·0	72·0	81·8	74·8	85·0	75·2	80·5	78·8	78·8	72·0	77·4	72·0	75·0	72·6
12	72·0	68·0	72·5	69·8	74·0	71·8	75·0	72·0	74·0	71·0	73·6	71·5	72·6	69·5	72·5	70·9	71·0	69·5
13	70·0	67·0	70·8	69·0	72·8	71·5	74·0	72·0	80·0	75·5	79·5	73·6	76·0	71·0	75·0	71·0	74·0	70·5
14	71·5	69·0	73·0	71·0	75·5	71·2	75·0	71·5	73·5	71·0	73·0	69·5	72·0	69·0	72·0	69·8	71·0	69·0
15	70·2	68·5	71·0	67·8	73·6	69·0	74·8	69·0	74·2	68·4	73·0	67·2	71·5	64·5	68·2	64·0	68·0	68·6
16	63·0	60·0	66·5	62·2	72·0	68·0	73·4	64·4	75·0	65·0	73·0	65·6	69·2	64·0	67·2	63·2	65·0	63·0
17	62·4	60·0	65·0	62·5	72·2	66·5	75·0	65·2	76·4	66·2	76·4	67·0	72·0	65·0	68·0	62·6	67·8	62·0
18	62·2	59·0	66·0	62·0	72·4	68·0	76·0	70·0	76·5	68·2	76·0	67·0	72·2	65·0	70·0	64·2	69·8	64·0
19	63·5	60·2	66·8	64·8	73·2	69·5	76·0	70·4	75·0	70·5	77·7	69·8	72·6	66·5	71·8	66·8	71·0	66·2
20	69·0	66·0	69·4	67·0	71·2	69·0	75·0	72·2	77·5	73·4	77·0	72·0	73·7	70·2	71·0	68·5	71·0	68·2
21	68·0	65·9	69·6	68·0	72·8	70·6	76·0	70·5	79·8	72·0	79·2	73·5	74·2	70·6	74·2	70·6	72·2	69·0
22	66·5	64·0	70·0	68·0	76·7	72·8	79·8	73·8	82·0	74·0	77·0	70·0	75·0	69·8	73·8	69·0	72·5	68·5
23	66·0	63·2	67·2	65·0	74·8	70·6	76·8	71·5	75·0	71·5	76·8	71·6	74·0	69·6	71·8	68·0	70·5	65·0
24	66·8	65·8	68·8	67·0	74·8	71·0	78·2	72·5	79·0	73·0	77·9	72·4	75·0	70·4	74·0	70·6	74·2	70·2
25	71·8	69·8	75·0	73·0	78·8	73·0	81·2	74·5	75·5	72·2	75·8	73·6	73·8	72·0	72·0	70·6	72·0	71·0
26	71·5	70·0	73·4	72·0	77·6	73·2	77·8	73·5	84·0	74·0	81·5	74·0	75·2	71·0	73·0	69·0	73·0	69·0
27	67·0	65·5	74·0	71·5	78·0	73·7	81·5	72·7	82·2	73·2	78·6	70·6	78·5	67·5	72·2	64·8	71·0	67·2
28	66·2	65·6	72·2	69·8	78·5	72·5	82·0	73·0	82·8	71·2	81·8	70·8	73·5	69·2	72·5	69·0	70·8	68·8
29	64·0	63·5	70·3	67·5	79·0	73·2	81·2	72·0	81·8	67·2	80·8	71·6	74·0	67·2	70·8	65·2	70·8	65·4
30	67·2	66·0	73·0	69·8	80·0	74·0	80·0	73·7	79·8	72·6	79·8	73·7	75·0	72·0	72·7	70·3	71·0	68·0
31	71·7	70·7	72·0	71·0	77·0	74·8	79·8	75·8	81·3	76·0	78·5	72·8	76·8	72·6	75·2	72·2	73·5	72·2
Mean	67·7	65·4	70·4	67·7	75·4	71·2	78·4	72·4	79·4	71·7	78·1	71·5	74·6	69·2	73·0	68·2	72·0	68·4

Thermometers 4 feet above ground. Rain-gauge 1 foot above ground.—SANCHEZ, San Domingo.

JANUARY 1886.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	Cir.-s.	3	S	0·3	—	—	—	—
4	—	—	—	—	Cir.-c.	3	W	0·3	—	—	—	—
5	—	—	—	—	Cir.	2	W	0·3	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—
16	Cir.	3	N	0·3	Cir.-c.	4	N	0·3	—	—	—	—
17	Cir.-s.	2	N	0·5	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	Cir.	2	S	0·3	—	—	—	—
21	—	—	—	—	Cir.	2	W	0·5	Cir.	4	SW	0·5
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	Cir.	2	N	0·3	—	—	—	—
25	Cir.-s.	1	W	0·3	—	—	—	—	—	—	—	—
26	—	—	—	—	Cir.-s.	—	W	4	—	—	—	—
27	—	—	—	—	Cir.-c.	4	SW	0·3	—	—	—	—
28	Cir.-s.	3	S	1	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—

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

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rainfall.	Remarks.
						miles.	ins.	
1	Calm 0	Calm 0	EbyS 5	E 2	Calm 0	—	—	⌓ ≋⁰ (mist) over swamp 6a. ∞ 10a. ● showers in S. p.
2	Calm 0	WSW 3	SW 4	E 1	Calm 0	—	—	≋⁰ (mist) on swamp 6a. ∞ 10a. Overcast p., with ● in S.
3	Calm 0	Calm 0	EbyS 4	Calm 0	Calm 0	—	—	Threatening appearance 6a. ≋⁰ (mist) over swamp. Fine from 10a. ∞ p.
4	Calm 0	SW 3	EbyS 4	Calm 0	Calm 0	—	—	⌓ n. ≋⁰ (mist) over swamp 6a. Fine from 8a.
5	Calm 0	W 2	E 4	Calm 0	Calm 0	—	—	≋⁰ (mist) over swamp 6a. ∞ 10a. Fine day. ● in S. 4p.
6	W 1	Calm 0	ESE 2	Calm 0	Calm 0	—	—	≋⁰ (mist) on hills and swamp 6a. Fine from 8a. ∞ 10a. and noon.
7	Calm 0	E 2	EbyS 3	Calm 0	Calm 0	—	·20	≋⁰ (mist) 6a. Fine from 8a. ∞ 10a.—2p. Very still 6p., with ∞.
8	Calm 0	Calm 0	EbyS 4	Calm 0	Calm 0	—	—	≋⁰ (mist), ⌓ 6a. Fine 8a.—2p. ∞ noon. Squall of ● from SE. 4p.
9	Calm 0	EbyS 2	ESE 4	Calm 0	Calm 0	—	·35	≋⁰ (mist) on swamp 6a. Fine till 10a., then ● shower. Fine p. ∞
10	Calm 0	WbyN 2	E 2	NE 2	Calm 0	—	—	≋ 6a.—8a. Fine 10a.—4p., with ∞. Overcast 6p., ● shower in S.
11	Calm 0	NE 2	NE 1	Calm 0	Calm 0	—	—	≋⁰ (mist) on N. hills a., fine till 2p. Threatening in E. 4p. ⌒ 5p. ● 6p.—10p.
12	Calm 0	Calm 0	NEbyN 4	NE 4	E 3	—	1·32	≋⁰ (mist) on hills 6a. ● all day (from W. at 8a.). Squally p.
13	Calm 0	W 2	NEbyN 2	Calm 0	Calm 0	—	1·80	⌒ 6a. ≋⁰ (mist) on hills 6a.—2p. Fine and clear from 4p.
14	Calm 0	EbyN 2	Calm 0	Calm 0	Calm 0	—	1·51	≋⁰ (mist), ● showers a. Partial ⌒ 9a. Steady ● from 10a.
15	NE 2	NEbyN 4	NNW 1	Calm 0	Calm 0	—	2·00	Double ⌒ 8a. Very squally 10a. ●⁰ p. Red sunset. ⋓ 8p.
16	NNE 2	NNW 1	NEbyN 2	NE 1	Calm 0	—	—	⌓ n. Red sunrise. ≋⁰ (mist) over swamp 6a. Day fine.
17	Calm 0	WbyN 3	NNE 2	Calm 0	Calm 0	—	—	⌓ n. ≋⁰ (mist) over swamp 6a. Day fine, with ∞. Red sunset.
18	Calm 0	WbyS 2	NE 3	NE 1	EbyN 1	—	—	Red sunrise. ● showers in E. a. ∞ 10a. Fine p., with ∞². ⋓ 8p.
19	Calm 0	WSW 1	NEbyN 1	NEbyE 2	Calm 0	—	—	⌓ n. ≋⁰ (mist) over swamp 6a. ∞ 8a. ● showers 2p. ∞
20	WbyN 1	W 3	WSW 2	Calm 0	Calm 0	—	·29	≋⁰ (mist) on hills all day. ●⁰ a. ●² in S. 10a. ●² from E. 4p.
21	Calm 0	WNW 1	ENE 3	Calm 0	Calm 0	—	—	≋ a. ≋⁰ (mist) on N. hills 10a., and noon. ∞ p.
22	Calm 0	WSW 2	E 3	NEbyE 3	Calm 0	—	—	≋⁰ (mist) on hills 6a. Day fine, with ∞. Localised ● showers in S. noon.
23	WbyN 1	swb.W 2	W 1	Calm 0	Calm 0	—	—	≋ over swamp 6a. ∞² noon, with ● from E. Fine 4p. Bright sunset.
24	Calm 0	ENE 2	E 5	E 4	E 2	—	·88	≋⁰ (mist) on hills a. Fine p., with ●² in S. Red reflected sunset.
25	Calm 0	NE 3	Calm 0	Calm 0	Calm 0	—	·04	≋⁰ (mist) on swamp 6a. ∞ a. Isolated ● showers in S. noon. Steady ● p.
26	Calm 0	SEbyE 2	NEbyN 2	WbyN 1	Calm 0	—	2·06	≋⁰ (mist) till 8a. ● shower from N., with partial ⌒ 4p.
27	Calm 0	Calm 0	Calm 0	Calm 0	Calm 0	—	—	≋ over swamp 6a. Fine all day, with ∞. Red sunset.
28	Calm 0	WbyS 1	ESE 1	NNE 2	Calm 0	—	—	Red sunrise. ≋ over swamp 6a.—8a. Day fine, with ∞.
29	Calm 0	WbyS 2	ESE 2	NE 1	Calm 0	—	—	≋ over swamp 6a.—8a. Day fine with ∞. Very red sunset.
30	Calm 0	ESE 1	EbyS 4	ESE 5	Calm 0	—	—	Very red sunrise. ≋ over swamp 6a. Fine a. ∞. ● 2p. ●² from E. 4p.
31	Calm 0	Calm 0	SW 1	SW 1	Calm 0	—	·35	≋⁰ (mist) on hills a. ● (from E.) till 4p. Very dark 8p.
Mean	0·2	1·6	2·5	1·0	0·2	—	10·80	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

FEBRUARY 1886.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	in.
1	30·030	30·063	30·033	30·015	29·993	29·977	30·009	30·037	30·055	70·0	84·0	137·0	—	—	7·5	·829
2	·068	·082	·083	·055	30·010	30·015	·013	·031	·033	68·0	86·0	146·0	—	—	9·5	·711
3	·068	·063	·070	·050	·010	30·000	·016	·052	·055	68·0	82·0	147·0	—	—	9·0	·761
4	·048	·087	·090	·035	·010	29·992	·003	·029	·079	67·0	82·0	136·0	—	—	10·0	·708
5	30·023	·122	·128	·090	·040	30·042	·068	·109	·129	68·0	88·0	147·0	—	—	10·0	·793
6	29·989	·030	·037	30·115	30·067	30·050	30·073	30·083	30·083	68·0	76·0	112·0	—	—	0·1	·774
7	30·025	30·023	30·032	29·997	29·953	29·952	29·957	29·962	29·953	68·0	84·0	144·0	—	—	4·5	·754
8	29·967	29·984	29·980	·932	·901	·908	·920	·943	·949	64·0	82·0	110·0	—	—	0·5	·749
9	·914	·908	·935	·868	·835	·785	·879	·912	·920	66·0	84·0	136·0	—	—	5·0	·738
10	·892	29·942	29·950	29·935	·892	·892	·903	29·939	29·952	69·0	84·0	145·0	—	—	7·0	·664
11	·985	30·010	30·037	30·000	·957	·922	·977	30·006	30·009	69·0	86·0	137·0	—	—	11·0	·718
12	·975	·000	·023	29·992	·930	·930	·945	29·963	29·969	67·0	87·0	135·0	—	—	10·0	·655
13	29·977	·017	·037	29·992	29·960	·957	29·965	29·995	30·015	70·0	82·0	140·0	—	—	4·0	·744
14	30·030	·037	·067	30·042	30·012	29·992	30·029	30·065	·087	71·0	81·0	142·0	—	—	8·0	·682
15	·123	·150	·172	·135	·122	30·095	·120	·152	·147	69·0	82·0	136·0	—	—	7·0	·687
16	·148	·173	·199	·179	·105	·092	·090	·135	·145	67·0	82·0	146·0	—	—	7·0	·738
17	·125	·163	·173	·132	·060	·048	·070	·097	·090	66·0	81·0	136·0	—	—	5·0	·701
18	·130	·158	·172	·130	·092	·075	·103	·132	·115	62·0	81·0	136·0	—	—	9·0	·584
19	·123	·140	·157	·128	·062	·040	·063	·105	·107	66·0	83·0	138·0	—	—	6·0	·726
20	·083	·090	·113	·078	·032	·012	·045	·052	·055	69·0	83·0	136·0	—	—	10·5	·673
21	·023	·123	·133	·092	·055	·065	·063	·109	·122	67·0	85·0	140·0	—	—	9·5	·682
22	·125	·150	·153	·125	·090	·092	·113	·150	·157	68·0	83·0	150·0	—	—	8·5	·695
23	·134	·153	·162	·127	·080	30·080	·069	·112	·115	65·0	82·0	138·0	—	—	6·0	·731
24	·083	·100	·097	·065	30·018	29·995	·020	·052	·055	68·0	83·0	146·0	—	—	6·5	·668
25	·053	·055	·089	·037	29·995	30·000	30·007	·062	·042	69·0	81·0	145·0	—	—	3·5	·782
26	·032	·045	·050	30·000	·947	29·940	29·960	·007	·007	69·0	84·6	141·0	—	—	10·0	·699
27	·017	·039	·045	29·982	·932	·934	·952	·000	·017	72·0	90·0	150·0	—	—	10·5	·661
28	30·010	30·022	30·025	29·994	29·922	29·934	29·955	30·012	30·012	70·0	89·0	146·0	—	—	10·5	·733
Mean	30·043	30·069	30·080	30·047	30·003	29·993	30·014	30·047	30·053	67·9	83·5	138·9	—	—	205·6	·715

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.		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	72·5	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	71·7	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	71·2	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	78·4	75·0	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	71·0	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	71·2	81·0	74·6	82·0	74·0	81·0	74·0	76·0	72·0	74·0	71·0	71·0	68·8
10	70·2	68·8	77·5	72·8	80·2	74·0	83·0	75·5	81·8	74·0	82·0	75·0	76·0	72·0	75·0	72·0	74·0	71·5
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	71·8	75·5	72·0	76·0	71·0
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	71·0	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	75·0	80·5	75·0	81·0	74·5	80·0	72·2	74·5	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	71·5	76·0	70·0	74·0	69·0	71·0	67·0
16	71·0	68·0	72·0	69·0	71·0	68·0	72·0	71·0	78·5	74·0	78·5	70·6	74·0	68·0	72·0	67·0	71·0	67·5
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	72·0	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	71·0	80·0	72·0	75·0	69·0	73·0	69·0	73·0	69·0
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	78·5	73·0	81·0	73·0	81·0	73·0	79·0	72·0	75·0	72·0	74·0	69·0	72·8	68·4
23	67·5	66·0	74·0	71·0	75·0	71·0	77·5	73·0	79·0	73·0	76·5	73·0	75·0	70·5	75·0	71·0	74·0	71·0
24	73·0	71·0	74·8	72·0	80·0	74·0	80·0	72·5	79·0	72·0	78·0	71·5	76·0	71·0	73·0	70·0	73·0	71·0
25	71·0	70·0	75·0	72·0	78·0	72·5	77·0	74·0	79·8	73·0	78·0	72·0	75·0	71·0	73·0	71·0	72·0	70·0
26	73·0	71·0	77·0	73·5	79·0	71·8	82·0	74·0	83·5	74·8	82·0	74·0	77·0	72·0	78·0	73·5	76·0	72·0
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	73·5
28	72·0	70·0	79·2	74·8	82·0	75·0	84·5	75·7	86·0	76·0	84·0	74·0	79·0	73·0	77·0	72·0	76·0	71·0
Mean	70·3	68·9	74·2	71·6	78·9	73·6	80·4	73·7	1·0	73·5	79·1	73·0	75·6	71·1	74·1	70·4	73·0	70·0

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

FEBRUARY 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	N	0·5	—	—	—	—	Nim.	10	W	3	Cum.	5	SW	2	—	0	—	—
2	—	—	—	—	Cir.-c.	5	SE	0·5	—	—	—	—	Nim.	10	—	—	—	0	—	—	Cum.	9	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	6	S	1	Cum.	3	S	2	Cum.	3	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	EbyS	2	Cum.	8	ESE		Cum.	9	ESE	3
5	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	N	2	Cum.	8	NNW	2	Cum.	8	NE	1
6	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	NE	4	Nim.	10	NE	4	C.N.	9	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	E	4	Cum.	7	E	3	C.N.	9	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	10	SE	3	Nim.	10	SE	2	Nim.	10	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	SE	4	Cum.	8	SE	4	Cum.	3	SE	3
10	Cir.	1	NW	0·5	—	—	—	—	—	—	—	—	C.N.	6	SbyE	3	Cum.	9	SE	2	Cum.	4	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	NE	2	Cum.	6	ENE	2	Cum.	7	E	2
12	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	ENE	3	Cum.	8	ENE	2	Cum.	7	E	1
13	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Nim.	10	ESE	2	C.N.	9	—	—
14	Cir.-s.	2	NE	1	Cir.	2	N	1	—	—	—	—	Cum.	8	SE	6	Cum.	5	ESE	5	Cum.	6	E	2
15	—	—	—	—	Cir.-s.	1	W	0·3	—	—	—	—	Cum.-s.	5	SE	5	Cum.	6	ESE	4	Cum.-s.	6	ESE	3
16	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	9	E	3	Cum.	4	E	2	Cum.	3	—	—
17	—	—	—	—	Cir.	2	NE	0·3	—	—	—	—	Nim.	10	E	2	C.N.	8	E	3	Cum.	1	—	—
18	—	—	—	—	Cir.-s.	2	NE	1	—	—	—	—	Nim.	10	SE	4	Cum.	4	ESE	2	Cum.	6	E	2
19	—	—	—	—	Cir.-s.	3	N	0·3	—	—	—	—	Nim.	10	E	5	Cum.	5	E	4	Cum.	1	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	10	ESE	4	Cum.-s.	6	ESE	3	Cum.	4	—	—
21	Cir.	2	S	0·5	Cir.	2	SE	0·5	—	—	—	—	C.N.	7	E	6	Cum.	5	E	5	Cum.	8	—	—
22	Cir.-s.	1	SE	0·5	Cir.-s.	2	S	0·5	—	—	—	—	Cum.	6	E	2	Cum.	5	ENE	2	Cum.	3	—	—
23	Cir.-s.	2	N	0·3	—	—	—	—	—	—	—	—	C.N.	7	ESE	3	Cum.-s.	8	E	3	C.N.	10	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	9	NE	3	C.N.	9	E	3	Cum.	8	—	—
25	—	—	—	—	Cir.-s.	2	N	0·3	—	—	—	—	C.N.	10	E	3	C.N.	10	E	2	—	0	—	—
26	Cir.-s.	1	E	0·3	Cir.-s.	1	NE	0·3	—	—	—	—	Cum.	2	—	—	Cum.	6	SE	2	Cum.	1	—	—
27	Cir.-s.	2	NE	0·5	—	—	—	—	—	—	—	—	Cum.	6	SW	1	Cum.	9	SE	1	Cum.	8	SE	2
28	—	—	—	—	Cir.-c.	5	E	0·3	—	—	—	—	C.S.N.	10	—	—	—	0	—	—	Cum.	5	SE	2
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	7·8	—	—	—	6·5	—	—	—	5·6	—	—

Day.	Wind.						Rain-fall.	Remarks.
	Direction and Force.					Vel.		
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
						miles.	ins.	
1	Calm 0	SE 1	SE 1	Calm 0	Calm 0	—	·17	≋⁰ (mist) ● from W. *a.* Muggy at noon. ∞ 2*p.* Fine.
2	Calm 0	Calm 0	ESE 2	NEbyN 2	Calm 0	—	—	≋² 6*a.*—8*a.* Very fine day, with some ∞.
3	Calm 0	SbyE 2	EbyS 4	Calm 0	S 2	—	—	☽ *n.* ≋³⁰ (mist) over swamp 6*a.* Fine day, with ∞.
4	Calm 0	EbyN 2	ESE 4	ENE 2	ESE 1	—	—	≋ on swamp and hills 6*a.*—8*a.*, then fine. Fine and fresh *p.*
5	Calm 0	ESE 1	ESE 3	NbyE 1	Calm 0	—	—	Red sunrise. ≋ on swamp 6*a.* Threatening in E. *a.* ● 8*p.*
6	Calm 0	N 2	NE 4	EbyN 4	W 2	—	·98	≋⁰ (mist) on hills and swamp 6*a.* ● all day. Wind very gusty *p.*
7	SW 1	ESE 2	ESE 4	Calm 0	Calm 0	—	·83	≋⁰ (mist) on hills ●⁰ *a.* Very squally 2*p.*, 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 6*p.* ● 10*p.*
9	Calm 0	E 3	SSE 3	EbyS 1	Calm 0	—	·13	≋⁰ (mist) on hills 6*a.* Clouds low. ∞ noon. Overcast till 4*p.* Pretty sunset.
10	Calm 0	ENE 3	ESE 1	ENE 1	Calm 0	—	—	☽ *n.* Very dark in E. 6*a.* ≋⁰ (mist) on hills 8*a.* Fine from 10*a.* ● showers in S. *p.*
11	Calm 0	Calm 0	ESE 1	ENE 2	Calm 0	—	—	☽ *n.* Red sunrise. ≋ over swamp 6*a.* Fine all day, with ∞. Red sunset.
12	Calm 0	NEbyE 1	ENE 1	Calm 0	Calm 0	—	—	≋² over swamp, ≋⁰ (mist) on hills 6*a.*—8*a.* Day fine, with ∞. Red sunset.
13	Calm 0	EbyS 3	SE 5	Calm 0	Calm 0	—	—	≋⁰ (mist) on hills, ●⁰ 6*a.* Fine 8*a.*—noon. Dark, with ●⁰ *p.*
14	E 3	EbyN 4	EbyS 5	E 3	Calm 0	—	·42	● from E. 6*a.* Very gusty 10*a.* Fine and fresh at noon, sea high.
15	NEbyN 1	E 2	E 6	E 1	Calm 0	—	·22	≋⁰ (mist) on hills, ●⁰ from NE. 6*a.* Fine *p.* ∞ from 6*p.* Ψ²
16	W 1	E 1	E 5	Calm 0	Calm 0	—	—	Very dull, ≋³⁰ (mist) on hills 6*a.* ●² showers in S. *a.* Fine from 2*p.* ∞
17	Calm 0	E 1	E 3	E 1	Calm 0	—	·55	≋⁰ (mist) 6*a.* ●⁰ from E. *a.* ● showers noon. Fine *p.* ∞ 10*p.*
18	W 1	W 1	E 2	E 1	Calm 0	—	—	≋⁰ (mist) 6*a.* ●⁰ showers *a.* Partial ⌒ 8*a.* Fine *p.*, with ● in S. ⌒ 5.30*p.*
19	W 1	SEbyE 3	E 4	ENE 1	ENE 1	—	·03	●⁰ from E. *a.* ≋⁰ (mist) on hills 10*a.* Fine *p.*, with ● in S.
20	Calm 0	E 1	ENE 3	NEbyE 1	Calm 0	—	·68	☽ *n.* ≋³⁰ (mist) on hills and swamp. Double ⌒ 7*a.* ∞ 10*a.* Fine *p.*
21	W 1	ESE 1	E 4	ENE 1	Calm 0	—	—	≋ (mist) on N. hills and swamp till 8*a.* Day fine, with ● showers in S.
22	NW 1	EbyN 3	E 5	ESE 1	Calm 0	—	·01	☽ *n.* Day fine, with local ● showers in S. ∞ 2*p.*
23	W 1	ESE 1	EbyS 2	NbyE 1	Calm 0	—	—	≋² over swamp 6*a.* Day overcast, with ● showers in S. and SE. Red sunset.
24	W 1	EbyN 1	ENE 2	EbyN 3	Calm 0	—	·02	≋⁰ (mist) on hills and swamp, with ● *a.* ●⁰ *p.* Partial ⌒ 4*p.*
25	NW 1	NW 1	E 5	ENE 1	Calm 0	—	·09	≋⁰ (mist) on hills, ● showers *a.* and *p.* Squally 4*p.* ● 8*p.* Dark.
26	W 1	EbyN 2	ESE 2	ENE 1	Calm 0	—	·60	☽ *n.* Day fine throughout, with ∞.
27	W 1	E 1	SE 2	ENE 1	Calm 0	—	—	☽ *n.* ≋⁰ (mist) on hills and swamp 6*a.* Day fine. Sultry noon. ∞ 2*p.*
28	Calm 0	EbyS 1	ESE 1	Calm 0	Calm 0	—	—	☽ *n.* ≋⁰ (mist) on hills, clouds low, 6*a.* Very fine *p.* Red sunset.
Mean	0·6	1·6	3·0	1·1	0·2	—	4·73	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

MARCH 1886.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level. 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.	Temperature. Shade. Min.	Max.	Radiation. Solar.	Grass.	Earth.	Sun-shine.	Vapour Tension. Noon.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	in.
1	30·000	30·022	30·012	29·952	29·926	29·910	29·929	29·970	29·993	70·0	88·0	146·0	—	—	10·0	·701
2	29·999	·025	·049	30·000	30·000	29·960	30·015	30·017	30·040	71·0	80·0	135·0	—	—	6·5	·641
3	30·050	·060	·072	·038	29·995	30·000	·012	·083	·095	66·0	78·0	137·0	—	—	11·0	·531
4	·075	·111	·107	·095	30·030	30·038	30·057	·077	·089	62·0	82·0	143·0	—	—	8·0	·613
5	·088	·077	·088	·042	29·997	29·987	29·998	·039	·042	69·0	86·0	137·0	—	—	10·5	·657
6	·021	·065	30·068	30·034	·979	·953	·992	30·039	30·047	68·5	89·0	144·0	—	—	10·5	·754
7	·023	·045	29·958	29·924	·883	·882	·902	29·960	29·980	70·0	93·0	140·0	—	—	10·5	·668
8	·023	·069	30·052	30·032	·999	·992	·995	30·062	30·049	69·0	91·0	147·0	—	—	8·5	·733
9	·073	·072	·058	30·042	·984	·962	·958	29·992	·007	69·0	89·0	141·0	—	—	10·0	·675
10	·022	·037	·052	29·990	·928	·939	29·960	29·995	·020	73·0	93·0	145·0	70·0	—	9·5	·655
11	·012	·037	·037	29·990	29·997	29·970	30·022	30·055	·065	73·0	94·0	147·0	71·0	—	6·0	·723
12	·081	·105	·142	30·103	30·060	30·067	·075	·108	·111	69·0	82·0	147·0	67·0	—	8·0	·444
13	·054	·091	·102	·048	29·995	29·998	·009	·037	·065	60·0	83·0	136·0	56·0	—	10·5	·590
14	·110	·132	·157	·036	30·002	29·992	·017	·089	·052	63·0	83·0	142·0	58·0	—	11·5	·576
15	·120	·159	·158	·128	·092	30·095	·100	·142	·139	70·0	84·0	142·0	66·5	—	5·0	·793
16	·135	·139	·128	30·098	30·045	30·028	30·047	30·050	30·070	69·0	84·0	142·0	64·5	—	11·0	·673
17	30·013	30·023	30·020	29·987	29·934	29·922	29·930	29·962	29·975	64·0	90·0	147·0	60·4	—	11·5	·582
18	29·985	29·952	29·958	29·920	29·902	·916	29·912	29·967	29·990	69·0	87·0	142·0	66·4	—	8·5	·611
19	29·978	30·023	30·045	30·020	30·007	29·993	30·010	30·045	30·055	68·0	75·0	110·0	66·0	—	0·0	·652
20	30·087	·125	·129	·118	·063	30·040	·059	·095	·087	64·0	82·0	147·0	61·0	—	7·5	·586
21	·100	·132	·121	·092	·082	30·070	·093	·109	·122	69·0	84·0	140·0	66·0	—	6·5	·731
22	·100	·126	·092	·057	30·012	29·992	·018	·043	·053	72·0	88·0	141·0	67·5	—	6·0	·769
23	·067	·059	·070	·029	29·979	29·984	·003	·077	·059	73·0	93·0	147·0	69·0	—	9·5	·668
24	·100	·137	·147	·155	30·147	30·167	·190	·220	·220	70·0	77·0	86·0	68·0	—	0·1	·666
25	·215	·260	·277	·263	·225	·231	·220	·283	·283	67·0	77·0	87·0	63·0	—	0·0	·533
26	·201	·225	·220	·175	·126	·115	·120	·130	·143	66·0	79·0	141·0	65·0	—	3·5	·588
27	·095	·129	·129	·123	·060	·053	·063	·055	·037	70·5	84·0	145·0	66·0	—	7·0	·704
28	·060	·090	·077	·070	·038	·022	·043	·092	·122	69·0	83·0	148·5	66·0	—	10·0	·782
29	·125	·123	·125	·108	·048	·055	·063	·109	·125	72·5	85·0	142·0	70·0	—	9·5	·716
30	·110	·127	·135	·092	·086	·047	·080	·112	·125	73·0	85·0	138·0	68·0	—	12·0	·749
31	30·100	30·129	30·100	30·095	30·056	30·042	30·077	30·105	30·102	71·0	84·0	136·0	66·5	—	11·5	·675
Mean	30·070	30·094	30·093	30·060	30·022	30·014	30·031	30·068	30·076	68·7	84·9	137·7	—	—	250·1	·659

Day.	Dry-bulb and Wet-bulb Thermometers. 6 a.m. Dry.	Wet.	8 a.m. Dry.	Wet.	10 a.m. Dry.	Wet.	Noon. Dry.	Wet.	2 p.m. Dry.	Wet.	4 p.m. Dry.	Wet.	6 p.m. Dry.	Wet.	8 p.m. Dry.	Wet.	10 p.m. Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	72·0	69·0	78·0	73·0	86·0	78·0	86·0	75·5	88·0	75·0	85·0	73·5	78·0	72·5	78·0	73·0	77·0	73·0
2	74·0	71·5	75·0	73·5	75·5	71·5	78·0	71·0	76·0	70·0	75·5	68·6	74·8	67·8	73·0	67·0	72·0	67·0
3	69·8	67·0	72·5	69·0	77·0	68·0	78·0	67·8	78·0	66·0	77·0	67·0	72·0	66·0	70·0	65·5	68·5	64·0
4	64·0	63·0	71·0	67·6	78·0	69·5	81·0	71·4	82·0	70·5	78·0	69·5	75·0	68·0	73·0	68·0	72·0	68·0
5	69·8	67·5	75·5	70·5	79·0	72·0	82·4	73·0	83·0	73·8	81·0	74·5	77·0	72·0	77·5	74·0	76·0	74·0
6	68·8	67·0	76·8	71·5	83·5	75·0	86·0	76·8	87·0	76·0	84·0	74·0	78·8	73·0	78·0	73·0	77·0	73·0
7	71·0	69·0	76·8	73·8	84·5	75·0	85·5	74·5	90·5	77·0	84·0	73·5	79·0	74·0	78·0	73·0	78·0	73·0
8	72·0	69·5	78·0	74·0	83·0	76·0	86·5	76·5	86·0	77·0	81·0	74·5	79·0	74·0	77·8	73·0	75·0	73·0
9	72·5	69·5	77·0	73·0	81·6	74·5	86·5	75·0	84·8	75·5	81·0	73·0	79·8	74·0	79·0	73·5	76·0	72·0
10	77·0	73·0	80·0	75·0	83·0	76·0	83·0	75·0	88·0	75·0	86·0	75·0	83·0	74·0	80·0	73·0	78·0	73·0
11	77·0	73·0	81·0	75·0	87·0	77·0	90·0	77·5	80·0	74·0	75·8	70·0	74·0	71·0	73·4	69·8	73·0	70·0
12	70·8	69·0	73·0	69·5	73·0	68·8	77·0	64·5	75·5	64·5	76·0	65·0	74·0	65·5	69·0	68·0	69·0	68·0
13	63·0	61·0	71·5	67·0	78·0	69·0	80·5	70·5	80·4	70·8	78·5	69·8	74·8	68·0	74·0	68·0	74·0	69·0
14	67·0	65·0	77·0	69·0	81·0	73·0	83·0	71·0	82·8	72·8	81·0	72·0	77·0	69·0	76·0	71·0	75·0	70·0
15	72·8	71·0	76·0	71·0	80·0	74·0	79·0	75·0	81·0	75·0	80·5	74·0	78·6	72·0	76·0	71·0	75·0	71·0
16	72·0	69·5	78·0	69·5	80·0	72·0	79·8	72·5	81·0	73·0	79·0	71·0	76·0	70·0	72·0	67·0	72·0	68·0
17	68·0	66·0	72·0	69·0	82·8	72·0	84·8	71·8	84·0	72·0	80·5	70·5	77·4	70·0	75·0	69·0	74·0	70·0
18	71·8	69·5	75·0	72·0	82·0	72·0	83·0	72·0	83·0	71·5	78·0	71·0	74·0	68·8	74·0	68·0	73·0	68·0
19	69·0	67·0	71·0	69·0	71·0	67·5	71·0	68·5	74·8	70·8	71·0	66·0	72·6	67·7	70·0	66·0	70·0	66·0
20	66·0	64·5	71·0	68·0	77·0	67·0	79·5	70·0	78·0	67·5	78·0	67·5	75·0	68·0	75·0	68·0	74·0	68·5
21	72·0	69·0	78·0	73·0	80·8	78·8	82·0	74·8	81·0	75·0	79·0	74·0	77·0	73·8	75·0	72·0	75·0	72·0
22	74·0	72·0	79·0	74·0	83·0	75·0	85·8	77·0	81·5	76·0	82·0	75·0	78·0	75·0	79·0	74·0	78·0	74·0
23	74·0	72·0	79·0	74·0	84·5	76·5	87·0	75·0	87·0	73·5	82·6	77·4	77·8	74·0	75·0	72·0	75·0	74·5
24	72·0	70·0	72·0	70·0	74·0	70·5	75·0	70·5	74·0	72·0	74·5	64·5	73·8	67·0	72·5	65·5	72·0	66·0
25	73·0	68·0	75·0	66·0	74·0	65·0	72·5	65·8	71·5	65·0	68·5	64·5	68·0	64·5	69·0	65·0	69·0	65·5
26	69·8	65·0	71·0	67·0	71·5	68·0	74·0	68·0	76·0	69·0	74·0	69·0	72·8	68·0	72·0	68·5	72·0	68·0
27	73·0	69·0	76·0	70·5	76·8	70·0	77·8	72·5	81·0	73·0	75·0	71·0	74·8	70·5	75·0	70·5	73·0	70·5
28	71·0	70·0	74·5	72·0	77·0	73·5	77·0	74·0	80·0	74·0	77·5	73·0	76·5	74·0	75·5	71·0	75·0	71·0
29	74·0	71·5	80·6	73·5	81·0	73·0	81·0	74·0	80·0	74·0	81·5	74·0	77·0	72·0	76·0	71·5	75·5	71·8
30	74·0	70·0	79·5	73·5	81·5	73·0	81·6	75·0	80·0	73·0	82·5	73·0	78·0	72·0	75·5	71·5	75·0	71·5
31	74·0	70·0	78·0	71·0	79·0	71·5	81·0	73·0	81·0	74·0	81·0	76·0	76·0	69·0	73·6	69·5	73·0	70·0
Mean	71·3	68·7	75·8	71·4	79·5	72·8	81·3	72·6	81·2	72·5	79·0	71·4	76·1	70·8	74·7	69·6	73·9	69·7

Thermometers 4 feet above ground. Rain-gauge 1 foot above ground.—SANCHEZ, San Domingo.

MARCH 1886.

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

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	Calm 0	ESE 1	ESE 2	ENE 4	Calm 0	—	—	☽ 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	NEbyN 2	ENE 1	Calm 0	—	—	☽ n. ≋⁰ (mist) over swamp 6a. Day fine, with ∞. Red sunset.
4	W 1	E 1	SEbyE 3	NEbyE 3	Calm 0	—	—	☽ 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	—	—	☽ 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	SEbyE 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	—	—	☽ 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. ≋ on swamp a. Overcast p. Very squally 10p.
12	NW 1	ENE 2	NNW 2	EbyN 1	Calm 0	—	·07	≋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	NEbyN 2	ENE 1	—	—	≋ over swamp, ∞² 6a. Fine all day, with ∞. Red sunset.
15	Calm 0	E 3	E 5	E 2	ESE 1	—	·10	≋⁰ (mist) on hills and swamp, ● a. Double ⌒ 8a. ∞ ● showers p.
16	E 1	E 3	E 4	E 1	Calm 0	—	—	☽ 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	SEbyS 1	ENE 2	Calm 0	—	·48	≋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	—	—	☽ n. Fine till noon, with ∞. Fine p. Partial ⌒ 4p.
22	EbyN 1	E 3	E 3	EbyN 1	E 1	—	—	☽ n. ≋⁰ (mist) on hills 6a. Fine day, with ∞.
23	E 1	EbyN 1	E 1	W 1	Calm 0	—	—	☽ n. Very sultry. ● in E., ugly in W. 4p. At 5.30p. ☈² ●² passing W. to E., S. of Sanchez. < till 6.20p.
24	NNW 2	NNE 2	NNW 1	NbyE 1	Calm 0	—	·48	≋⁰ (mist). ●⁰ from N. till 2p. Fine 6p. Very dark 8p.
25	NEbyE 2	NEbyE 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 4	NE 3	—	·02	≋² over swamp 6a. ≋⁰ (mist) ●⁰ till 10a. ∞² noon. Very gusty 2p.
27	NE 2	ENE 1	EbyN 3	E 1	Calm 0	—	·15	≋⁰ (mist) on hills and swamp, ●⁰ 6a. Fine 10a. ● showers 4p.
28	WNW 1	SE 1	E 4	ENE 3	Calm 0	—	·35	● ≋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	—	—	☽ n. ⌒ 5.40a. Day fine, with ∞. ● shower in SE. 2p.
31	E 1	E 3	EbyS 4	EbyN 1	Calm 0	—	—	☽ n. Day fine, with ∞. ● showers in S. Very still at 8p.
Mean	0·9	1·7	3·8	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. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sunshine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	in.
1	30·091	30·108	30·102	30·098	30·022	30·028	30·033	30·069	30·092	66·0	86·0	138·0	63·0	—	11·5	·726
2	·077	·089	·092	·064	30·033	30·018	·029	·049	·079	71·0	92·0	147·0	67·0	—	11·5	·749
3	·090	·089	·055	·023	29·963	29·995	·015	·017	·037	70·0	96·0	148·0	65·5	—	9·0	·694
4	·038	·047	·055	·040	30·038	30·000	·009	·025	·027	68·0	86·0	138·0	66·0	—	8·5	·793
5	·023	·050	·072	·062	·030	29·995	·018	·038	·049	69·0	85·0	136·0	67·0	—	5·5	·756
6	·045	·088	·078	·072	·032	30·002	·010	·039	·082	69·0	85·0	142·0	66·5	—	11·0	·741
7	·065	·092	·070	·050	·010	·015	·010	·049	·052	67·0	85·5	138·5	67·0	—	11·0	·697
8	·075	·072	·078	·060	·037	30·032	·020	·048	·062	68·0	87·0	138·5	65·5	—	11·5	·682
9	·075	·062	·055	·062	30·055	29·997	30·010	30·031	·015	69·0	85·0	141·0	64·0	—	12·0	·716
10	·028	·027	·038	·020	29·992	29·962	29·968	29·998	·032	67·0	86·6	—	65·5	—	12·0	·726
11	·037	·032	·042	·012	30·000	30·009	30·012	30·035	·037	69·0	85·0	—	67·0	—	8·0	·592
12	·048	·077	·083	·042	30·010	29·982	30·000	30·032	30·072	67·0	86·0	—	64·5	—	5·0	·699
13	30·017	30·052	30·040	30·012	29·957	·932	29·940	29·957	29·999	72·0	86·0	—	68·5	—	4·5	·711
14	29·967	29·969	29·938	29·904	·844	·861	·866	·859	·900	73·5	91·0	—	69·0	—	8·5	·697
15	·831	·869	·843	·820	·791	·671	·978	·809	·826	68·5	87·0	—	68·5	—	4·0	·675
16	·792	·824	·811	·781	·754	·741	·733	·741	·733	69·0	89·0	—	63·5	—	5·0	·759
17	·771	·783	·761	·755	·727	·727	·734	·811	·813	67·0	92·0	—	64·5	—	12·5	·682
18	·816	·813	·814	·790	·752	·753	·779	·851	·963	68·0	92·0	—	67·0	—	12·0	·689
19	·881	·908	·904	·875	·833	·834	·834	·904	·921	71·0	89·0	—	69·0	—	12·5	·728
20	·891	·923	·932	·882	·873	·819	·840	·849	29·883	70·0	92·0	—	67·0	—	12·5	·624
21	·911	·915	·911	·880	·836	·860	·865	·901	30·003	69·0	92·0	—	66·0	—	12·0	·754
22	·925	·932	·935	·930	·904	·885	·888	·907	29·907	70·0	87·0	—	66·5	—	11·5	·637
23	29·930	29·947	29·992	29·988	29·942	29·915	29·927	29·942	29·967	69·0	85·0	—	68·5	—	11·5	·580
24	30·028	30·055	30·075	30·071	30·038	30·030	30·052	30·057	30·100	65·5	81·0	—	64·0	—	0·0	·545
25	·100	·117	·100	·095	·090	30·050	30·050	·057	·082	65·0	85·0	—	61·5	—	4·0	·626
26	·060	·077	·075	·060	30·020	29·982	29·998	·022	·055	65·0	87·0	—	61·0	—	10·5	·699
27	·017	·019	·050	·035	29·984	·960	·958	·003	·027	71·0	86·0	—	69·0	—	5·5	·756
28	·027	·061	·067	·032	30·020	·995	·998	30·006	·049	70·5	85·0	—	70·0	—	3·5	·756
29	·025	·043	·037	·009	29·982	·914	·937	29·950	·022	72·0	88·0	—	68·0	—	12·5	·807
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	·766
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	—	271·0	·702

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.		10 p.m.	
	Dry.	Wet.	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	76·0	72·0	75·5	72·5
2	73·0	71·0	77·5	74·0	83·0	75·0	87·0	77·0	76·0	72·0	76·0	72·0	78·0	74·0	76·0	72·0	76·0	73·0
3	72·0	71·0	78·0	75·0	83·0	78·0	88·0	76·0	91·5	72·0	71·2	71·0	73·0	71·0	73·0	71·0	72·2	70·6
4	70·2	69·0	74·0	72·5	82·5	78·0	79·0	75·0	79·0	74·0	79·0	73·0	75·0	72·0	74·0	71·0	74·0	71·5
5	73·5	71·0	76·0	73·5	80·5	75·5	81·0	75·0	83·0	75·0	81·0	76·0	79·8	73·0	76·4	72·0	75·0	73·0
6	71·5	70·0	76·0	73·6	80·6	75·3	82·0	73·0	82·0	74·6	81·0	74·0	78·8	72·0	76·5	71·0	75·5	71·5
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	70·5	74·0	71·0
8	71·0	69·0	77·0	74·0	80·0	73·0	82·5	73·8	85·0	73·5	82·6	73·0	79·0	70·0	76·0	70·0	74·0	70·0
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	69·5	74·0	70·5
10	69·5	67·0	74·5	71·0	82·0	74·0	76·5	72·5	81·8	72·6	81·0	73·5	78·0	73·0	76·0	70·5	75·0	71·5
11	74·0	70·0	77·0	74·0	81·5	75·5	82·8	71·4	78·0	73·0	76·0	72·0	74·0	72·0	74·0	72·0	73·0	71·0
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	73·0	75·0	72·5
13	74·0	70·5	76·5	72·5	80·5	75·0	84·0	75·0	83·5	75·0	81·5	76·0	79·6	74·0	77·6	74·0	76·0	72·0
14	74·0	72·0	76·0	73·0	81·5	75·0	85·0	75·0	85·5	76·0	81·5	75·7	81·5	73·6	80·0	74·0	79·0	74·0
15	72·8	71·0	75·0	72·0	77·5	72·0	79·4	72·4	83·5	74·5	80·5	75·0	75·0	74·0	73·0	72·0	70·0	68·0
16	70·0	67·5	71·8	70·0	79·0	73·0	83·5	76·0	81·0	75·4	77·0	72·5	79·0	76·0	76·0	73·0	74·0	72·0
17	70·0	68·5	76·0	73·0	80·0	72·0	86·0	75·0	90·0	74·0	85·0	73·5	80·0	70·0	76·0	72·0	75·0	71·0
18	71·0	69·5	76·0	73·0	81·0	74·0	85·5	73·0	88·0	75·0	83·5	75·0	79·0	72·5	79·0	74·0	78·0	73·5
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	75·5	79·0	73·0	77·0	72·0
20	75·0	72·0	77·0	73·5	83·0	76·0	87·5	74·0	89·0	75·0	87·0	73·8	84·0	74·0	79·0	70·0	75·0	68·0
21	72·0	70·5	75·8	72·6	84·5	77·0	88·0	77·5	85·0	74·0	84·8	77·0	79·0	72·0	79·0	72·0	78·0	74·0
22	72·6	70·0	76·5	72·6	81·6	74·0	81·0	72·0	84·0	72·5	82·0	72·4	78·0	72·0	78·0	72·0	76·0	74·0
23	71·8	70·0	76·0	72·0	74·8	70·0	80·0	70·0	79·5	67·0	78·0	70·0	75·5	70·0	74·0	69·5	73·0	70·0
24	69·5	67·5	71·0	69·0	76·0	71·5	76·0	67·5	79·0	69·0	77·5	68·0	74·0	66·5	72·0	67·5	73·0	67·0
25	72·0	67·0	77·5	70·5	80·0	70·0	81·2	71·8	79·4	70·0	78·0	70·0	75·8	70·0	75·0	67·0	73·0	67·5
26	72·0	70·0	78·8	73·0	81·4	73·6	82·0	74·0	84·0	74·0	81·5	73·0	79·4	72·8	76·0	71·5	76·0	72·0
27	74·0	71·0	77·0	74·0	78·0	75·0	82·0	75·0	83·0	75·8	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	78·0	74·0	81·0	75·0	81·0	75·8	81·0	76·0	78·8	72·0	77·0	72·0	76·5	72·0
29	74·8	72·0	79·0	74·8	83·0	77·0	86·0	72·0	85·4	79·0	84·5	77·5	84·0	75·5	82·0	75·0	80·8	75·0
30	78·0	74·0	80·5	72·0	83·0	77·0	86·4	77·2	91·0	78·0	89·0	76·0	85·0	75·0	82·0	74·0	80·6	75·0
Mean	72·3	70·0	76·1	72·9	80·8	74·6	82·9	74·2	83·4	74·8	80·9	72·9	78·6	72·6	76·5	71·8	75·3	70·6

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, San Domingo.

APRIL 1886.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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.	1	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.	3	—	—
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	—	—	—	—	—	6	—	—	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.	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	W	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	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	W 1	— 1	— 3	— 2	Calm 0	—	—	≋⁰ (mist) on swamp 6a. ∞ a. Fine p. Very dark in SW. 4p.
2	Calm 0	Calm 0	EbyN 1	E 2	Calm 0	—	—	≋⁰ (mist) 6a. ∞ 8a. Fine till 2p. Very dark in S. 6p., with distant T.
3	Calm 0	E 1	SE 1	Calm 0	Calm 0	—	—	Distant T in WSW. 2p., moving Ed. ⊂ 2.30p. ●² 3.20p.—5.45p. (4·80 ins.) with T⁰.
4	Calm 0	S 1	E 3	Calm 0	Calm 0	—	6·00	≋² a. Very close and sulphury 8a. Very dark to NE., with ● noon. [● till 8p.
5	Calm 0	EbyN 2	E 3	NE 2	Calm 0	—	—	≋² a. Fine day, but very dark in SW. 6p.
6	Calm 0	E 3	E 3	EbyN 2	Calm 0	—	—	≋² on hills and swamp till 8a., then fine. Very ugly in SW. 6p.
7	W 1	E 1	E 4	E 3	Calm 0	—	—	≋² (mist) on hills and swamp till 8a., then fine. ● in S. 4p. ∞ 8p.
8	Calm 0	SEbyE 1	EbyS 3	E 1	Calm 0	—	—	≋ on swamp 6a. Day fine. At 6.15p. slight earthquake, lasting 5 secs. travelling from W.
9	Calm 0	EbyS 2	ENE 1	NNE 1	Calm 0	—	—	≋ over swamp 6a. Fine a. ∞ noon and 2p. Very fine 4p. Red sunset.
10	WNW 1	SbyE 1	NEbyE 2	ENE 1	Calm 0	—	—	≋⁰ (mist) on hills 6a. ∞ 8a. Very fine 2p. ● in NE. 4p. Very still and fine 8p.
11	W 1	ESE 2	SSE 3	Calm 0	Calm 0	—	—	≋ on swamp 6a. ∞ 10a. ⚲ ●² in SW. 2p. ● 4p.
12	W 1	SSW 1	E 3	SE 1	Calm 0	—	·08	≋² on swamp 6a. Fine day. Very dark, with ●² in S. 4p.—6p.
13	Calm 0	E 3	E 3	E 3	E 1	—	·12	≋ on swamp 6a. Day overcast. ● showers in S. p. Red sunset.
14	E 1	E 1	E 2	SbyE 3	SE 1	—	—	≋⁰ (mist) on hills 6a. Fine 8a.—2p., with ∞ 10a. Overcast p. Ψ
15	Calm 0	E 1	E 1	ENE 1	Calm 0	—	·26	≋⁰ (mist) on hills, ● 6a. ●² from W. 6.15p.—7.15p. ⚲ in W. from 7.15p.—8.30p.
16	W 1	ESE 1	EbyN 1	Calm 0	Calm 0	—	1·39	≋² on swamp. ⚲ ●² in SW. passing to N. 2p.—4.45p. ⌒ 4p. ⚲ in SW. 5.30p.
17	Calm 0	E 1	EbyN 1	NbyE 2	Calm 0	—	·35	≋ on swamp 6a.—8a. Fine, with ∞, till 6p. Sulphury at noon. ●² 8p. [Fine 8p.
18	Calm 0	Calm 0	E 1	E 1	Calm 0	—	1·00	≋ on swamp, ∞ 6a. Fine day, with ∞. ⊂ in W. 10p.
19	W 1	SE 2	E 2	E 1	Calm 0	—	—	⌓ n. ≋ on swamp 6a.—8a. Fine all day, with ∞.
20	Calm 0	EbyS 1	ESE 1	SbyE 3	Calm 0	—	—	Fine all day, with ∞. Close at noon. One peal of T in S. 3.15p.
21	W 1	SbyE 1	NbyE 1	NbyE 2	Calm 0	—	—	≋⁰ on swamp. ⌓ ∞ 6a. Fine all day, with ∞.
22	W 1	W 1	NbyE 3	N 2	Calm 0	—	—	⌓ n. Fine day. Threatening appearance in SW. 2p.
23	W 1	N 1	NEbyN 2	S 1	Calm 0	—	·10	≋⁰ (mist) 6a. ≋⁰ (mist) on hills till 10a. ●⁰ showers 10a. Overcast day.
24	NNE 1	WbyS 1	NE 1	E 1	Calm 0	—	—	≋⁰ (mist) till 10a. Day overcast and ugly, with ● in E.
25	Calm 0	EbyS 2	EbyN 3	ENE 1	ENE 1	—	—	⌓ n. ≋⁰ (mist) on hills and swamp 6a.—8a. Fine, with ∞ p.
26	WbyN 1	SSE 1	E 3	ENE 2	Calm 0	—	—	⌓ n. Fine all day, with ∞ at noon.
27	W 1	Calm 0	E 3	E 2	Calm 0	—	·63	≋⁰ (mist) on hills till noon. Overcast most of day. Ugly in E.
28	Calm 0	E 1	E 3	E 3	Calm 0	—	·13	≋⁰ (mist) on hills and swamp 6a. Sparkling ●⁰ a. Overcast all day.
29	Calm 0	E 2	E 3	SSE 3	SE 1	—	—	≋⁰ (mist) on hills and swamp 6a.—8a. Day very fine. ⊂ in WNW. 10p.
30	Calm 0	Calm 0	S 3	S 3	Calm 0	—	—	Fine all day, with ∞².
Mean	0·1	1·2	2·2	1·6	0·1	—	10·06	

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

MAY 1886.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·002	30·003	30·017	29·982	29·952	29·939	29·972	29·992	30·005	76·0	90·0	—	75·0	—	12·5	·843
2	·009	·028	·047	29·996	29·978	·982	·987	·992	·062	76·5	94·0	—	72·0	—	4·5	·820
3	·045	·045	·040	30·044	30·022	29·997	29·999	29·998	·040	76·0	91·0	—	74·5	—	7·5	·790
4	·089	·107	·100	·092	·052	30·040	30·040	30·083	·093	75·0	88·0	—	73·6	—	0·5	·741
5	·072	·052	·063	·075	·042	·005	30·030	30·060	30·037	71·0	85·0	—	69·5	—	0·0	·749
6	30·060	·060	·059	·047	·018	30·003	29·983	29·992	29·975	71·0	82·0	—	69·5	—	0·0	·738
7	29·980	30·009	30·009	30·007	30·017	29·949	·949	·952	·979	73·0	83·0	—	72·0	—	0·0	·810
8	·929	29·947	29·928	29·910	29·922	·872	·878	·890	·903	74·0	86·0	—	73·5	—	0·0	·788
9	·937	29·959	29·965	29·945	·909	·900	·900	·915	·956	75·0	89·0	—	68·0	—	4·0	·840
10	29·982	30·016	30·016	30·000	·950	29·922	·967	29·982	29·977	73·5	89·0	—	70·0	—	5·0	·930
11	30·007	·035	·052	·049	29·998	30·009	29·972	30·042	30·055	72·0	82·0	—	71·0	—	1·5	·840
12	·078	·095	·100	·095	30·055	·010	30·057	·115	·127	67·5	84·5	—	66·5	—	12·5	·578
13	·125	·115	·100	·085	·095	·095	·080	·112	·123	68·0	85·0	—	66·0	—	8·5	·620
14	·111	·092	·104	·098	·075	·048	·043	·062	·075	66·0	84·0	—	62·0	—	12·5	·689
15	·083	·070	·082	·063	30·042	30·015	·013	·039	·047	67·0	84·0	—	63·0	—	11·5	·628
16	·062	·047	·053	·035	29·987	29·997	·000	·032	·032	66·0	82·0	—	62·0	—	8·0	·630
17	·068	·065	·083	·078	30·065	30·048	·056	·112	·135	67·0	85·0	—	65·0	—	10·0	·684
18	·108	·112	·126	·125	·098	·095	·100	·097	·092	67·0	84·0	—	62·0	—	8·5	·704
19	·127	·142	·128	·123	·095	·080	·080	·089	·115	71·0	84·0	—	66·0	—	9·0	·609
20	·123	·112	·115	·112	·087	·072	·045	·060	·102	71·0	85·0	—	67·0	—	12·5	·738
21	·107	·092	·119	·095	·072	·052	·035	·050	·087	72·0	83·0	—	69·0	—	8·0	·756
22	·105	·120	·115	·107	·074	·034	·030	·055	·098	72·0	86·0	—	68·0	—	12·5	·812
23	·117	·120	·112	·110	·064	·037	·020	·050	·077	72·0	87·0	—	69·0	—	13·0	·711
24	·097	·109	·095	·087	·026	·017	·015	·015	·086	70·5	88·0	—	66·0	—	12·5	·772
25	·082	·086	·088	·090	·054	·037	·030	·014	·070	72·0	86·0	—	68·5	—	12·0	·731
26	·067	·080	·090	·059	·040	·019	·017	·042	·094	71·0	90·0	—	69·0	—	12·0	·769
27	·106	·100	·090	·079	·058	30·037	30·027	·045	·068	71·0	94·0	—	70·5	—	11·5	·820
28	·052	·053	·060	·031	30·016	29·984	29·992	·015	·063	76·0	90·0	—	68·5	—	10·0	·701
29	30·025	30·020	30·040	30·019	29·990	·956	·982	·008	·021	73·5	93·5	—	70·0	—	8·0	·826
30	29·975	29·977	29·964	29·979	·929	·950	·995	30·005	·037	72·0	91·5	—	69·7	—	6·0	·708
31	29·993	29·995	29·995	29·984	29·978	29·950	29·962	29·978	30·012	69·0	88·0	—	67·0	—	5·0	·777
Mean	30·056	30·060	30·063	30·052	30·025	30·005	30·008	30·029	30·053	71·4	86·9	—	68·5	—	239·0	·747

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.		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	79·5	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	72·5	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	76·5	85·0	76·5	87·0	78·0	88·0	79·0	83·0	78·0	81·8	76·0	82·0	75·0	81·0	75·5
4	77·0	74·0	78·8	74·8	79·5	76·0	82·0	75·0	83·5	77·0	80·6	75·5	80·0	75·5	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	74·5	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	73·5	74·6	73·5	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	74·5	77·0	75·0	75·4	73·4	75·6	73·2
8	78·0	73·5	79·0	75·0	80·5	75·5	83·0	76·5	83·0	76·0	82·5	73·5	81·0	76·0	80·0	75·5	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	75·0	79·0	76·0
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	74·5	75·0	74·0	73·5	72·0
11	74·5	73·5	74·5	73·0	75·5	74·0	76·5	75·0	79·5	74·0	77·0	72·0	76·0	73·0	74·0	71·5	73·0	71·5
12	71·5	68·5	77·0	73·5	80·0	76·5	81·5	76·5	80·5	72·0	79·5	71·0	77·0	70·5	74·0	69·0	73·0	69·0
13	70·0	68·0	75·0	74·5	80·0	75·0	80·8	74·4	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	77·6	73·6	79·0	73·0	81·0	72·4	79·6	72·0	80·0	72·0	77·3	73·0	75·3	69·2	73·0	69·0
15	71·0	68·5	72·8	70·0	78·5	72·5	79·0	71·0	82·0	72·8	81·0	71·8	77·5	70·0	76·0	69·0	74·0	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	74·5	69·5	74·0	69·0
17	70·0	68·0	76·0	71·0	80·0	73·5	81·4	72·4	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	72·0	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	77·5	72·0	74·0	71·0
20	72·0	68·8	78·0	70·4	81·5	73·0	82·2	75·0	83·4	75·6	82·0	75·0	80·8	74·5	78·0	73·0	76·0	71·5
21	74·8	72·0	75·8	73·0	78·0	73·0	81·0	75·0	82·0	76·4	81·0	76·0	81·0	75·4	78·4	74·0	78·0	73·0
22	75·0	72·0	80·0	74·0	81·0	75·5	83·0	77·0	85·0	74·5	85·0	76·5	82·0	75·0	80·0	73·5	78·5	72·5
23	75·0	73·0	83·0	76·0	82·0	75·0	84·0	75·0	85·5	74·5	84·0	74·0	82·8	74·0	75·5	73·0	77·4	72·0
24	74·0	71·0	77·5	74·0	82·0	75·0	84·0	76·5	86·5	77·0	84·0	76·5	83·0	76·0	81·5	74·0	78·0	75·0
25	76·0	73·0	78·0	74·0	82·0	76·0	84·0	75·5	85·0	75·5	84·6	77·0	84·0	77·0	82·0	76·0	78·0	76·0
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	75·0
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	75·0
28	77·0	74·5	80·5	75·0	83·5	76·0	86·0	75·5	88·0	78·0	85·5	75·8	82·8	76·5	81·0	76·0	79·0	76·0
29	75·6	73·0	81·0	75·5	84·5	77·5	87·0	78·8	90·5	78·0	85·5	76·0	81·5	74·5	79·0	75·0	78·0	75·5
30	75·5	73·0	79·5	74·5	83·0	75·5	88·0	76·4	85·7	77·5	75·0	73·5	75·0	73·0	74·5	72·5	74·0	72·5
31	71·8	70·0	73·5	72·0	81·5	76·8	85·3	77·0	80·6	77·0	77·5	75·0	76·0	72·8	76·0	75·0	75·0	74·0
Mean	74·5	71·9	78·1	74·0	80·9	74·9	83·0	75·4	83·9	75·6	81·8	74·7	79·9	73·9	78·2	73·4	75·7	72·7

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

MAY 1886.

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

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	ENE 1	E 3	E 3	S 3	Calm 0	—	—	≋⁰ (mist) on hills 6a. Fine all day, with ∞ at times.
2	ENE 1	E 1	S 3	SbyE 3	S 2	—	—	≋⁰ (mist) on swamp and hills a. Ugly in S. 10a. T 2p. with ●² in SW.
3	ESE 3	E 2	EbyN 3	EbyS 3	SE 2	—	—	Fine a., with ∞. ● showers in S. noon, and 4p.; in E. 6p. and 8p.
4	Calm 0	E 3	E 3	Calm 0	Calm 0	—	—	∞ 6a. Overcast all day, with threatening appearance in the E.
5	Calm 0	E 3	E 3	Calm 0	Calm 0	—	—	Overcast, with threatening appearance in SE. T ● in S. at 4p.
6	Calm 0	E 1	E 3	Calm 0	Calm 0	—	1·35	☾² (gale) ● 5a. Overcast all day, with ≋³ (mist) ●. ● in S. 4p.
7	ENE 1	E 1	E 2	E 2	Calm 0	—	1·25	≋⁰ (mist) on hills, ● a. and p. Very ugly appearance 4p. Squally 6p.
8	E 3	E 3	ESE 6	ESE 4	Calm 0	—	—	Overcast and threatening most of day. ● showers 4p.
9	NEbyE 1	E 4	SE 3	SEbyS 2	Calm 0	—	2·15	≋⁰ (mist) on hills 6a. Overcast and ugly till noon. Fine from 2p.
10	Calm 0	Calm 0	NNE 2	Calm 0	Calm 0	—	1·50	≋⁰ (mist) on hills 6a. Very dull till noon. Threatening in E. 4p. ●² 8p.
11	NW 1	W 1	N 2	E 1	Calm 0	—	·85	≋⁰ (mist) 6a. Overcast all day. ● till noon. Very dull 8p.
12	NE 1	SW 1	NE 1	Calm 0	Calm 0	—	—	Very fine day. ● shower in S. 2p.
13	W 1	E 1	EbyN 2	EbyN 1	Calm 0	—	—	⌓ n. ≋ on swamp 6a. Threatening in E. 2p. Very fine later p.
14	Calm 0	S 1	EbyN 1	Calm 0	S 1	—	—	⌓ n. ∞ till 8a. Overcast and ugly in E. 10a. Fine p., with ∞.
15	Calm 0	Calm 0	EbyS 1	N 1	Calm 0	—	—	⌓ n. ∞² a. and p. Sultry 10a. Threatening in SE. noon. Close 2p.
16	W 1	S 1	Calm 0	NE 1	Calm 0	—	—	⌓ n. ∞ 6a. Day very fine, with ∞.
17	Calm 0	S 1	E 2	NbyE 2	Calm 0	—	—	⌓ n. Fine all day, with ∞.
18	W 1	SW 1	E 1	ENE 3	ENE 2	—	—	⌓ n. Fine a., with ∞. Threatening in E. 10a. Overcast 2p. Fine later p.
19	W 1	ESE 2	ENE 2	Calm 0	Calm 0	—	—	⌓⁰ n. Overcast from 10a., with ● in E. Ugly appearance 6p. ∞ 8p.
20	Calm 0	ESE 2	E 3	E 3	Calm 0	—	—	⌓ n. Very fine day.
21	Calm 0	Calm 0	ESE 1	ESE? 3	E 1	—	·91	≋⁰ (mist) ●⁰ till 10a. Two peals of T in NE. 8.30a. Fine p.
22	W 1	ESE 3	EbyS 3	ENE 1	Calm 0	—	—	⌓⁰ n. ≋⁰ (mist) on N. hills 10a. Day very fine and clear. Pretty sunset.
23	Calm 0	ESE 2	EbyS 3	E 1	ENE 1	—	—	⌓⁰ n. Very fine day. Beautiful sunset. ∞ 8p.
24	Calm 0	E 3	SE 3	E 2	NE 2	—	—	≋⁰ (mist) on hills till 8a. Day fine. ● showers in S. p.
25	Calm 0	E 2	E 3	EbyN 3	ESE 2	—	—	≋⁰ (mist) on hills and swamp a. Day very fine. ∞ 4p.
26	Calm 0	E 1	ESE 2	ENE 2	Calm 0	—	—	⌓ n. ≋⁰ (mist) a. Fine 8a.—2p., with ∞. Threatening in NE. 4p. < in E. 10p.
27	Calm 0	E 1	ESE 2	E 2	Calm 0	—	—	≋⁰ (mist) on hills 6a. Very dull and close a. T in NE. 4p. ⌒ 5p.
28	W 1	E 1	E 3	E 3	Calm 0	—	·30	≋⁰ (mist) on hills 6a. Day fine. ∞. ☇ in SW. 6p., with ● shower in NE.
29	W 1	E 1	ESE 1	NEbyE 1	Calm 0	—	—	Day fine, with ∞. T ●² <² in SW. 6p.—7p. Very fine though dark 10p.
30	Calm 0	Calm 0	ESE 1	Calm 0	Calm 0	—	—	T ●² in SW. early p. ● ☇² (right overhead) 3p., passing NW. to SE. T ● till 10p.
31	— 1	Calm 0	ESE 2	Calm 0	Calm 0	—	2·29	≋⁰ (mist) till 10a. Very oppressive. T ●² in S. 2p., passing to NNE. T ● < in S. 4p.
Mean	0·6	1·5	2·3	1·5	0·4	—	10·60	

NOTE.—After the sun set on the 27th its rays were reflected across the sky in a double cone, the base of one cone being at the western horizon, that of the other on the eastern horizon, the two apices meeting in the zenith. The colour was a mixed red, and it lasted about 10 minutes.

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

JUNE 1886.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level. 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.	Temperature. Shade. Min.	Max.	Radiation. Solar.	Grass.	Earth.	Sun-shine.	Vapour Tension. Noon.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·003	30·042	30·053	30·030	29·962	29·997	29·965	29·997	30·018	71·5	89·5	—	69·0	81·2	6·0	·749
2	29·996	·014	·064	29·998	29·956	·944	29·963	30·027	·031	72·5	87·0	—	69·0	81·1	7·0	·801
3	30·026	·044	·053	30·057	30·011	29·985	30·015	·048	·059	73·5	87·0	—	72·0	80·6	3·5	·733
4	29·999	30·041	·056	·026	·000	30·005	29·998	·028	·039	71·0	85·0	—	71·0	79·7	0·0	·804
5	·987	29·984	·023	·031	30·006	29·988	·994	·004	·017	72·0	82·0	—	70·5	80·7	0·1	·769
6	29·986	29·983	·026	·023	29·991	29·995	29·995	·045	·061	74·0	85·0	—	72·5	80·7	1·2	·812
7	30·065	30·052	·063	·046	30·024	30·035	30·022	30·065	·063	76·0	85·0	—	73·0	80·9	3·0	·774
8	·035	·046	·048	·028	·012	30·022	30·016	29·994	30·001	69·0	83·5	—	69·0	80·0	2·0	·785
9	30·011	·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	·001	29·976	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	·058	30·060	29·981	·977	30·006	30·006	·072	·072	73·0	89·0	—	72·0	80·1	0·0	·751
12	·070	·067	·062	30·043	·998	29·988	30·016	30·041	·045	72·0	91·0	—	71·0	81·1	12·0	·749
13	30·044	·039	·028	30·006	·967	·970	29·990	29·989	30·003	73·0	91·0	—	70·0	82·2	7·0	·774
14	29·975	·001	·020	29·991	29·946	29·964	29·985	29·971	29·956	70·0	87·0	—	68·0	81·6	7·5	·759
15	30·023	·018	·019	30·036	30·033	30·019	30·026	30·028	30·037	73·0	85·0	—	70·0	81·1	5·5	·829
16	·052	·079	·080	·070	·060	·036	·037	·070	·065	71·5	85·5	—	70·0	80·5	5·0	·774
17	·083	·099	·092	·088	·030	·040	·057	·077	·089	74·5	87·5	—	72·0	81·1	4·0	·807
18	·071	·107	·102	·102	·090	·095	·086	·088	·085	70·5	85·0	—	71·5	80·9	5·0	·774
19	·079	·089	·104	·091	·086	·054	·062	·095	·086	71·8	90·0	—	70·5	81·1	6·0	·741
20	·113	·103	·108	·078	·041	·016	·015	·082	·087	74·5	88·0	—	70·5	81·7	9·0	·860
21	·089	·090	·107	·091	·067	·026	·038	·078	·075	74·5	89·5	—	72·0	81·6	8·0	·823
22	·094	·101	·112	·075	·047	·036	·049	·059	·045	74·3	89·0	—	72·5	81·7	9·5	·837
23	·062	·083	·083	·061	·026	·010	·018	·044	·052	75·5	91·5	—	72·5	82·0	8·0	·785
24	·096	·114	·115	·092	·066	·047	·063	·090	·101	74·8	90·0	—	72·0	82·2	8·5	·668
25	·131	·151	·160	·144	·083	·084	·108	·154	·163	73·0	88·5	—	71·0	82·1	9·0	·810
26	·144	·133	·142	·120	·079	·052	·066	·083	·079	74·0	90·0	—	71·0	82·1	7·0	·832
27	·042	·078	·086	·081	·045	·054	·076	·118	·114	72·0	88·3	—	71·5	81·5	6·0	·761
28	·103	·128	·125	·116	·073	·063	·060	·110	·112	72·5	88·0	—	72·5	81·8	7·0	·807
29	·087	·123	·120	·112	·060	·035	·054	·116	·105	72·0	87·8	—	71·0	81·9	6·0	·796
30	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	160·8	·790

Day.	Dry-bulb and Wet-bulb Thermometers. 6 a.m. Dry.	Wet.	8 a.m. Dry.	Wet.	10 a.m. Dry.	Wet.	Noon. Dry.	Wet.	2 p.m. Dry.	Wet.	4 p.m. Dry.	Wet.	6 p.m. Dry.	Wet.	8 p.m. Dry.	Wet.	10 p.m. Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	74·0	72·0	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	72·5	79·0	77·0	82·0	76·4	84·3	77·2	85·5	79·0	82·0	77·0	81·0	76·5	78·5	73·0	78·0	75·5
3	76·0	74·0	82·0	78·5	84·7	77·5	76·0	72·5	74·8	72·0	76·0	74·0	75·5	73·8	76·0	74·0	76·0	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	73·5	74·5	72·5
5	76·0	74·0	78·0	76·5	80·0	76·4	79·0	74·5	77·0	72·5	77·0	73·5	77·0	74·0	76·4	74·6	75·0	74·0
6	77·0	76·0	80·5	76·5	83·0	78·0	83·0	77·0	84·0	77·0	82·0	76·0	80·6	73·0	80·0	75·0	78·5	76·0
7	77·0	74·0	81·0	75·0	82·0	75·0	83·0	76·2	83·5	77·0	82·0	76·0	80·6	73·5	78·0	72·0	77·0	73·0
8	75·0	73·0	79·0	75·0	81·8	75·0	82·0	76·0	81·8	75·0	74·0	72·0	73·0	71·5	73·0	74·8	72·0	71·0
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	73·0	70·0	73·5	71·0	73·0	71·5
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	75·0	77·0	73·5	76·0	74·0
11	76·0	73·5	78·0	74·0	81·5	76·0	84·0	76·0	77·2	72·2	80·5	74·5	80·0	73·0	76·0	72·0	75·0	73·5
12	76·0	74·0	79·5	76·0	84·5	78·0	87·0	77·0	88·0	79·0	84·0	76·0	79·0	73·0	79·2	74·4	78·0	75·5
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	76·0	72·5	77·0	74·0	76·0	74·5
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	73·5	76·0	75·5
15	77·0	76·0	80·4	76·0	84·0	76·5	81·0	76·6	76·0	73·5	78·0	73·5	77·0	73·0	75·0	72·5	74·0	72·5
16	73·5	71·0	79·5	76·0	83·5	76·0	81·3	75·5	79·2	74·5	81·0	76·0	79·0	74·7	78·2	73·5	77·0	75·0
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	73·0	78·0	74·5
18	76·3	74·5	79·0	76·5	82·3	77·5	82·7	76·0	81·0	73·5	76·5	74·5	73·0	70·2	73·0	70·2	72·5	71·0
19	77·0	74·5	80·0	76·0	83·0	77·0	86·0	76·5	81·5	77·0	84·0	77·8	84·0	77·8	82·7	76·0	81·0	77·5
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	82·5	76·5	79·0	75·0	78·0	75·0
21	76·3	73·8	83·0	78·5	84·0	78·0	85·0	78·0	87·5	78·5	82·0	76·0	83·0	78·0	80·0	75·0	79·0	75·5
22	77·5	74·5	80·5	77·0	83·5	77·5	85·5	78·5	85·0	77·0	82·5	74·5	80·0	74·0	79·0	75·0	78·0	74·5
23	78·5	75·0	80·0	76·5	84·0	77·5	86·0	77·5	89·7	77·0	85·5	77·0	82·0	75·5	80·0	75·0	79·0	76·0
24	78·0	75·0	81·7	76·5	84·0	77·0	87·0	75·0	77·0	73·5	84·0	76·5	80·5	75·0	79·0	74·5	78·0	75·0
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	80·0	74·5	78·5	75·0
26	77·0	73·5	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	75·0	83·0	76·0	81·8	76·5	86·0	76·5	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	75·5	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	76·5	84·0	77·0	85·0	78·0	82·5	75·5	82·0	75·5	77·5	74·5	78·0	74·8
30	78·0	76·0	80·0	77·0	84·0	78·5	85·0	79·0	84·5	79·0	83·5	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	73·5	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. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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.	3	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	—	—	—	—	Cir.	2	E	0·3	—	—	—	—	C.N.	10	E	2	C.N.	6	SE	2	—	7	—	—
28	—	—	—	—	Cir.	2	NE	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.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rainfall.	Remarks.
						miles.	ins.	
1	Calm 0	E 2	ENE 1	E 1	Calm 0	—	—	Four different ● showers on S. side of the Bay, noon. ⚲ passing to W., ●² [0.25p.—6p.
2	Calm 0	E 2	E 3	E 1	Calm 0	—	·95	≋⁰ a. Overcast day. Threatening appearance in S. 2.30p. T ●² in W. from 3p.
3	W 1	NEbyE 1	NE 1	Calm 0	Calm 0	—	—	Dark in SE. 9a. ● ⸝ 10a. ⚲² in W., passing SE. to NW. 10.15a.—11.15a. ● p.
4	Calm 0	E 1	E 2	Calm 0	Calm 0	—	·50	∞² noon. Squally ⸝ ●, with distant T 2p.—2.15p. ● from 4p. Very dark 10p.
5	Calm 0	E 1	ESE 1	E 1	Calm 0	—	1·28	≋⁰ on hills, with ● all day.
6	W 1	E 3	E 3	E 1	ESE 1	59·5	—	≋⁰ (mist) a. Clouds low. ∞² 2p. then dull.
7	SE 1	E 3	E 3	ENE 1	Calm 0	157·5	—	Day overcast and ugly, with ∞. Dark and threatening in S. and SW.
8	W 1	E 1	ESE 3	E 1	Calm 0	140	—	≋⁰ over swamp 6a. Fine, with ∞ 10a. Overcast from noon. ● from 4p.
9	Calm 0	E 1	SW 2	S 1	Calm 0	86	1·20	≋ on swamp 6a. Day dull, with ≋⁰ (mist) ●. ●² from SW., T 2p.
10	Calm 0	E 2	Calm 0	Calm 0	Calm 0	76	1·50	Day dull and overcast, with ≋⁰ (mist) on hills and ●. Ugly in S. at noon.
11	Calm 0	E 1	E 2	ESE 1	Calm 0	100	·40	≋⁰ (mist) 6a. Fine 10a. Dull, with ∞, noon. ● 2p. Ugly 4p.
12	Calm 0	E 1	E 3	ESE 1	Calm 0	71	—	≋⁰ (mist) on hills ∞² 6a. Fine day, with ∞. Threatening in S. 4p.
13	Calm 0	Calm 0	ENE 1	Calm 0	Calm 0	91	—	≋ (mist) 6a. ∞ 8a. Very fine, noon. T (one peal) 2p. ●² T in S. 4p.
14	W 1	SE 1	ENE 1	Calm 0	Calm 0	66	—	≋⁰ (mist) on hills 6a. Overcast 2p, with ⚲ passing S. to N. ●² to Wd.
15	Calm 0	E 2	ENE 1	E 2	Calm 0	76	—	⌂ n. ≋⁰ (mist) on hills a. ⚲ ●² noon—1.30p., passing overhead from S.
16	Calm 0	ESE 2	EbyN 2	ENE 2	Calm 0	73·5	·73	Dull most of day, with ≋⁰ (mist) on hills, and ∞. T ● in S. noon. ●⁰ 2p.
17	Calm 0	EbyS 2	E 3	E 4	E 2	101	—	Overcast most of day, with ∞. ● showers in S.
18	Calm 0	E 2	E 2	NE 1	Calm 0	104	—	∞ ≋⁰ (mist) on hills a. T overhead, at long intervals, 4p.—6p.
19	Calm 0	E 1	E 1	EbyN 1	Calm 0	101	·26	≋⁰ (mist) a. Very fine, with ∞, 10a. T low, and infrequent, 2p.—3p. ●² 2p.
20	Calm 0	E 2	E 3	E 4	E 3	127·5	·21	≋ on swamp 6a. Very fine day, with ∞ till 2p.
21	Calm 0	E 2	E 5	E 1	Calm 0	176·5	—	Fine a., with ● showers in S. ●² in S. 2p. ⚲ in SW. 8p.
22	Calm 0	EbyN 1	EbyN 3	EbyS 1	Calm 0	102·5	—	Fine all day. Low, distant T ●² in S. 2p.
23	Calm 0	E 1	ESE 1	EbyN 1	Calm 0	126·5	—	Very dull 6a. ∞ 8a. Fine from 10a. ⸜ in S. from 8p.
24	Calm 0	Calm 0	NE 1	Calm 0	Calm 0	100	—	≋⁰ (mist) on hills and swamp 6a. ●² 1p.—2p. Very fine later p.
25	Calm 0	E 1	E 3	E 1	E 1	76	·66	Fine and clear all day.
26	W 1	SE 1	NE 2	NE 4	NE 1	152·5	—	Very squally p. ⚲ ● in SW. 4.30p. ⚲² in S. 5p. ⚲² ●² 9p.—midt.
27	NE 2	Calm 0	E 3	E 2	E 1	202	1·15	Overcast and ugly most of day. ● showers in S. p.
28	NE 1	EbyS 2	E 1	NE 1	NE 1	177	—	● in S. 6a. Day very fine, with ∞. ● shower, in N. 2p., in S. later p.
29	Calm 0	Calm 0	E 4	NE 1	Calm 0	100·5	—	≋² on swamp 6a. Distant T ⸜² ● in S. 8p. ⸜ in S. 10p.
30	Calm 0	E 1	E 3	EbyN 1	E 1	152·5	·93	≋ on swamp 6a. Fine for the most part, with ∞ ● showers.
Mean	0·3	1·3	2·1	1·2	0·4	—	9·77	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

JULY 1886.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature. Shade.		Temperature. Radiation.		Temperature. Earth.	Sun-shine.	Vapour 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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·082	30·100	30·135	30·130	30·086	30·058	30·085	30·114	30·121	74·5	88·8	—	72·5	81·9	8·0	·863
2	·149	·151	·164	·134	·113	·095	·094	·112	·134	72·0	90·0	—	72·8	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	·131	·130	·136	·104	·090	·101	·120	·145	70·5	87·5	—	69·0	81·7	11·0	·751
5	·091	·092	·103	·084	·048	·034	·037	·037	·051	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	81·2	7·0	·733
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	·135	·159	·146	·130	·106	·073	·096	·132	·134	72·5	88·6	—	70·5	81·1	9·0	·874
11	·104	·126	·142	·112	30·067	·044	·072	·070	·069	73·5	88·5	—	72·0	81·0	5·0	·949
12	·032	·026	·046	·010	29·994	·000	·016	·029	·047	75·0	86·5	—	71·5	81·5	10·0	·846
13	·028	·042	·063	·040	29·999	30·004	30·013	·063	·067	73·0	89·0	—	72·5	81·3	10·0	·823
14	·080	·073	·069	·052	30·000	29·991	29·997	·041	·043	71·5	88·0	—	71·5	81·3	10·0	·918
15	·011	·007	·027	·008	29·982	29·952	29·975	·019	·023	72·0	89·5	—	72·0	81·8	12·0	·820
16	·035	·028	·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	·816
18	·086	·103	·113	·084	·050	30·062	·060	·077	·074	75·2	88·5	—	73·0	82·1	8·5	·764
19	·061	·076	·078	·058	·001	29·979	·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	1·124
22	·132	·141	·128	·117	·092	·086	·128	·152	·151	73·5	89·0	—	72·0	82·3	12·0	1·142
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	29·987	·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	30·014	·036	·031	72·0	89·5	—	71·5	82·3	10·0	·790
28	·014	·025	·022	·005	29·960	29·956	29·967	·009	·031	73·5	88·5	—	72·0	82·6	12·0	·851
29	·008	·041	·060	·028	29·990	29·968	29·974	·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	30·109	30·124	30·102	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	·871

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

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

JULY 1886.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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	ENE	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. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	Calm 0	E 3	E 4	EbyS 2	Calm 0	152	·27	Fine most of day, with ∞². ● showers *a.* ⊂ in W. 8*p.*
2	Calm 0	E 1	EbyN 1	NE 1	Calm 0	126	—	⌓ *n.* Fine all day, with ∞
3	Calm 0	NE 1	ENE 1	NE 1	Calm 0	126·5	—	Fine, with ∞ noon—4*p.* ● T² (6 peals) 5*p.* ⊂² in S. 8*p.*
4	W 1	Calm 0	E 3	NE 1	Calm 0	101·5	·62	Earthquake 3*p.*, lasting 11 seconds. There were 3 shocks passing NE.—SW.
5	Calm 0	Calm 0	NE 1	NE 1	Calm 0	76	—	≋⁰ (mist) on swamp 6*a.* Fine *a.*
6	W 1	SE 1	EbyN 3	EbyN 1	Calm 0	101	—	Ugly 6*a.* Fine and clear 8*a.* Overcast, with ●, 10*a.*—4*p.*, then fine.
7	Calm 0	Calm 0	Calm 0	EbyN 2	Calm 0	76	·30	Overcast and very dull. ● till 8*a.* and from 8*p.*
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	—	⌓ *n.* ≋⁰ (mist) 6*a.* ⊂ in W. 8*p.* ● ⚢ passing W. 10*p.*—11*p.*
10	Calm 0	E 2	E 1	E 1	Calm 0	76·5	·45	≋⁰ (mist) on swamp 6*a.* Very fine 10*a.* ● early *p.* Fine later *p.*
11	WbyS 1	SE 1	EbyN 1	Calm 0	*Calm 0*	126	·27	≋⁰ (mist) on hills 6*a.* Dull all day. Ugly in S. at noon.
12	Calm 0	E 2	E 4	Calm 0	Calm 0	127	—	● showers to S., ∞² 6*a.* Fine, with ∞, for the most part.
13	Calm 0	EbyN 2	E 3	E 2	Calm 0	126	1·80	≋⁰ (mist) on swamp and hills 6*a.* ● showers till 10*a.*, then fine. ∞ at noon.
14	Calm 0	Calm 0	E 2	E 1	Calm 0	126·5	—	Overcast most of day. Occasional ● showers. ∞ 6*p.*
15	Calm 0	E 1	EbyN 1	Calm 0	Calm 0	76·5	·30	⌓ *n.* Dull most of day, with ∞.
16	Calm 0	E 1	E 1	E 1	SE 1	126·5	—	● shower in NE. 6*a.* Fine all day, with ∞ at times.
17	SE 1	E 1	E 1	Calm 0	Calm 0	177·5	—	≋⁰ (mist) on hills 6*a.* Distant T in W. 2*p.* ● in S. 4*p.* ⚢ in SW. 8*p.*
18	NEbyE 1	E 1	E 1	Calm 0	Calm 0	151	—	≋⁰ (mist) on hills 6*a.* ∞² 8*a.* ● showers in S. 2*p.*
19	Calm 0	E 1	E 2	Calm 0	Calm 0	79	—	⌓ *n.* Squally, with ●, 6*p.* A small whirlwind crossing the upper end of the Bay, lifting the water 40 feet high.
20	Calm 0	E 1	E 3	EbyN 1	Calm 0	123·5	·45	≋⁰ (mist) on N. hills 6*a.* Fine *a.* ● 4*p.*, distant T in SW. T in W. 6*p.* ●⁰ 8*p.*
21	Calm 0	E 2	E 3	E 2	Calm 0	130·5	·27	Dull, with ∞² and ≋⁰ (mist) on hills, *a.* Fine from 10*a.* ∞² 6*p.*
22	Calm 0	E 2	E 3	EbyN 1	Calm 0	156	—	Fine all day, with ∞.
23	Calm 0	E 1	E 3	Calm 0	Calm 0	157	—	Dull, with ∞, 6*a.* Fine 8*a.* ● *p.* T in S. 2*p.* ⊂ in WSW. 8*p.*
24	Calm 0	Calm 0	E 1	Calm 0	Calm 0	91	·80	Very dull all day. ≋⁰ (mist) on hills. Distant T 2*p.* ●² T 8*p.*
25	Calm 0	SE 1	E 4	Calm 0	Calm 0	101	·25	≋ on swamp 6*a.* ● T in S. 2*p.* ● ⚢ in S. 4*p.* ⊂ in S. 8*p.*
26	Calm 0	E 1	ESE 1	Calm 0	Calm 0	76	—	≋⁰ (mist) on hills 6*a.* ●² in S. 2*p.* ⚢ 2*p.*—3*p.*, then overcast.
27	Calm 0	E 1	E 1	E 1	Calm 0	75·5	—	≋⁰ (mist) 6*a.* Very fine and clear 8*a.* ● T in S. 2*p.* Fine *p.*
28	Calm 0	E 1	E 2	E 1	Calm 0	127·5	—	● showers 6*a.* and 8*a.*, then very fine. ● T in S. 4*p.*
29	Calm 0	E 1	EbyN 1	E 1	Calm 0	101	—	Fine *a.* Dull and overcast 2*p.*, with T in SW., then fine again.
30	Calm 0	E 1	E 1	Calm 0	Calm 0	101	—	⌓ *n.* Fine and clear *a.* ● showers in S. *p.*
31	W 1	E 1	EbyS 3	Calm 0	Calm 0	75·5	—	∞ 6*a.* Day fine and clear.
Mean	0·2	1·1	2·0	0·7	0·1	111·8	5·78	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 18′ N. Height above Mean Sea Level, 50 feet.

AUGUST 1886.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·086	30·101	30·106	30·079	30·047	30·042	30·064	30·090	30·109	71·5	89·0	—	70·0	81·7	9·0	1·117
2	·078	·088	·112	·074	·024	·035	·091	·085	·093	72·0	88·5	—	71·2	81·5	7·0	1·161
3	·067	·079	·077	·059	·031	·016	·016	·043	·055	69·5	89·0	—	68·8	80·7	8·5	·943
4	·023	·051	·078	·084	·072	·072	·067	·097	·111	73·0	85·0	—	72·0	80·2	7·0	·984
5	·085	·095	·098	·070	·034	·044	·073	·102	·064	71·5	87·5	—	70·0	80·8	9·0	·744
6	·080	·086	·082	·054	30·012	·008	·020	·028	·047	71·5	87·5	—	70·0	81·1	10·0	·894
7	·063	·057	·054	·019	29·956	·003	·031	·065	·069	73·0	87·5	—	72·0	80·5	8·5	·930
8	·090	·099	·106	·095	30·049	·038	·065	·099	·082	72·0	88·0	—	71·0	81·4	10·0	·815
9	·102	·114	·118	·094	·046	30·034	30·062	·070	·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	29·983	29·951	29·914	·978	·947	29·951	29·951	73·5	90·0	—	72·0	82·3	5·0	·984
12	·951	·953	·955	·940	·909	·916	·967	·975	·973	74·0	88·0	—	72·5	81·5	4·5	·823
13	·963	·959	·982	·955	·934	·924	·932	·961	·970	71·5	88·0	—	70·0	81·6	6·0	·823
14	·894	·913	·896	·875	·822	·867	·863	·879	·889	75·0	85·8	—	72·5	81·0	6·0	·807
15	·877	29·870	29·891	·891	·896	·893	·891	29·875	29·890	74·0	79·5	—	68·0	77·4	0·0	·818
16	29·973	30·017	30·007	29·991	·966	·966	·987	30·013	30·022	74·0	83·0	—	72·5	78·6	0·0	·961
17	30·003	·010	·104	30·068	·980	·980	·990	29·987	29·979	75·0	86·0	—	72·0	80·2	10·0	·863
18	29·944	·018	·010	29·942	·893	·954	·962	·977	·984	73·0	87·0	—	70·0	80·5	10·5	·868
19	·977	30·008	·016	·995	·966	·956	·963	·965	·993	74·0	85·0	—	71·0	79·8	1·5	·848
20	·985	29·993	30·006	·978	·962	·941	·958	·973	·985	73·0	89·0	138·0	71·0	80·2	7·0	·865
21	·964	·968	29·960	·945	·860	·861	·892	·952	·963	72·0	89·0	145·0	73·0	81·1	10·5	·871
22	·932	29·943	29·951	·930	·916	·911	29·939	29·969	29·985	75·0	91·0	146·0	73·0	81·3	8·0	·782
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	·094	·097	30·074	30·058	30·051	·063	·086	·087	73·0	88·0	145·0	71·0	82·1	9·5	·874
25	30·071	·091	·095	·047	30·018	30·020	30·032	30·047	·053	73·0	88·0	140·0	70·5	81·3	5·0	·854
26	29·982	·047	·048	·012	29·970	29·950	29·968	29·990	·014	71·0	92·0	146·5	69·5	82·2	9·0	·934
27	30·020	·030	·054	·045	29·999	29·990	30·044	30·058	·064	73·0	93·0	145·0	71·0	83·1	8·0	·796
28	·045	·072	·085	·058	30·013	30·037	·046	·066	·071	73·0	92·0	147·0	72·0	83·3	8·5	·769
29	·039	·051	·047	·020	29·975	29·997	·025	·036	·034	73·0	90·0	145·0	71·0	83·2	7·0	·764
30	·048	·075	·070	·056	30·010	30·030	·055	·051	·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	30·065	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	—	71·1	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.		10 p.m.	
	Dry.	Wet.	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	80·0	84·0	86·0	83·5	81·0	78·0	80·0	76·5	77·5	75·0	77·0	75·0
2	74·8	74·5	78·5	76·0	82·0	80·0	85·5	84·5	83·0	82·5	82·0	80·5	77·5	77·0	77·0	76·0	77·0	76·0
3	71·5	70·5	78·0	76·0	83·8	82·5	78·8	78·0	86·5	85·5	82·5	78·0	80·0	76·0	79·5	77·5	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	73·5	74·0	72·5
5	74·0	73·0	75·5	71·5	80·0	74·0	84·5	76·0	86·0	78·0	84·0	77·5	81·5	76·0	80·0	77·8	78·0	76·4
6	73·5	72·5	79·8	76·0	83·8	78·0	85·0	79·5	85·5	77·0	84·5	77·5	81·0	76·0	79·0	76·5	78·0	76·0
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	75·0	77·5	75·0	77·0	75·0
8	74·5	73·5	78·5	74·0	82·5	75·0	85·5	79·0	86·0	78·0	83·5	76·8	82·5	76·5	80·0	75·5	78·0	76·0
9	78·0	75·0	82·0	77·5	85·0	76·0	80·5	77·0	86·0	79·0	84·5	78·0	78·5	77·0	79·5	76·0	79·0	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	80·0	78·0	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	73·0	77·0	80·0	78·0	79·0	77·5
12	75·5	75·0	79·8	78·0	82·5	80·0	85·0	79·0	85·0	79·6	82·0	80·0	77·2	74·5	76·5	74·6	75·0	73·5
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	77·4	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	75·0	78·0	72·0	75·5	74·8	75·0	72·6
15	76·0	72·8	76·4	73·8	75·0	74·4	79·0	74·0	74·0	73·0	74·8	73·0	75·5	74·0	76·8	75·0	76·4	75·0
16	75·2	74·5	80·0	78·6	79·2	77·5	79·8	78·8	81·8	78·8	83·0	79·5	80·0	77·0	78·5	75·5	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	75·5	78·0	76·0
18	73·8	73·0	83·0	78·0	84·0	78·0	85·3	79·0	85·2	78·0	83·5	78·0	80·0	76·0	78·0	74·0	77·0	74·5
19	75·2	74·5	78·0	77·0	80·2	78·0	81·0	77·0	83·0	78·0	81·0	77·0	78·0	76·0	76·0	75·0	76·0	74·0
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	75·8	77·6	75·0
21	78·0	76·0	84·8	79·8	86·5	79·5	85·0	79·0	82·4	78·8	81·2	77·8	77·5	74·8	75·2	74·8	75·8	74·6
22	76·5	75·0	80·0	77·0	83·5	76·4	89·0	78·5	86·8	78·8	84·0	77·8	82·0	77·0	81·8	77·0	81·0	78·0
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	77·5	79·5	77·0
24	75·0	76·0	83·0	79·0	85·8	80·0	86·3	79·5	85·0	79·8	86·8	78·0	80·0	75·8	79·0	78·8	78·5	76·0
25	75·3	74·5	81·5	77·5	77·5	76·0	74·7	74·5	83·0	78·8	81·5	77·8	78·2	77·0	77·8	75·0	77·0	75·0
26	73·5	72·0	78·2	76·5	85·0	79·0	85·3	81·5	87·5	78·0	84·0	75·5	80·5	76·0	78·5	76·0	78·0	76·0
27	75·0	74·0	80·5	78·0	87·5	80·2	89·5	79·0	87·0	79·8	85·5	77·2	77·5	77·0	79·8	77·5	79·0	77·5
28	75·8	75·2	82·2	79·8	85·5	77·8	90·0	78·6	88·0	80·4	80·8	76·8	79·0	76·0	78·0	76·0	77·0	75·5
29	75·0	74·0	83·0	79·0	87·0	79·8	87·4	77·5	87·0	77·5	82·0	76·7	79·0	74·8	79·0	75·2	78·0	76·0
30	73·8	72·8	78·2	76·2	84·5	79·8	85·8	78·4	89·2	78·0	79·5	72·5	78·0	75·0	76·0	72·0	75·0	72·5
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	75·2	77·0	74·0
Mean	75·4	74·2	80·2	77·0	82·8	78·4	84·5	78·7	84·4	78·9	82·0	77·1	79·4	76·0	78·3	75·0	77·4	75·4

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

AUGUST 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	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	ENE	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	ESE	4	C.N.	7	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	6·1	—	2·5	—	7·4	—	2·2	—	7·1	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	Calm 0	E 1	EbyN 1	NE 1	Calm 0	100	—	Fine and clear till 8*a*. ∞ ● showers 10*a*. Frequent ● showers *p*.
2	Calm 0	E 1	EbyN 1	Calm 0	Calm 0	126·5	·56	Dull, with ● showers. Distant T in SW. 2*p*. ⊂ in SW. 8*p*.
3	Calm 0	Calm 0	E 1	Calm 0	Calm 0	76·5	·31	∞ *a*. ● showers nearly all day. ● 10.30*a*.—10.40*a*. Ugly to SE. noon.
4	W 1	E 1	Calm 0	Calm 0	Calm 0	126	·32	Very ugly, ● 0 6*a*. 0 (mist) on hills 8*a*. Day dull for the most part. ● 0
5	Calm 0	Calm 0	E 3	E 4	Calm 0	51·5	·26	0 (mist) on swamp 6*a*. Fine, with ∞, till 6*p*., then ugly. ● in S. *p*.
6	Calm 0	E 1	E 3	E 1	Calm 0	152	·41	∞ 2 on swamp 6*a*. Fine all day, with ∞ till 10*a*. and from 6*p*.
7	Calm 0	E 3	E 3	EbyN 1	Calm 0	201·5	·31	● 2 6*a*. Day dull, with ●. Distant T in W. 2*p*. Close 8*p*.
8	Calm 0	E 1	E 3	EbyN 1	Calm 0	100·5	·31	0 (mist) on hills *a*. Day fine, with ∞. ● showers in S. 4*p*.
9	Calm 0	ENE 1	ENE 1	ENE 1	Calm 0	128	·22	Frequent ● 0 showers during the day.
10	Calm 0	Calm 0	E 1	Calm 0	Calm 0	96	—	0 (mist) on swamp 6*a*. Dull and overcast 10*a*.—2*p*., then fine.
11	W 1	Calm 0	E 1	E 1	E 1	55	·40	0 (mist) on swamp and hills *a*. Overcast all day, with ● showers.
12	Calm 0	EbyS 2	E 3	W 1	Calm 0	126	2·03	Dull and overcast, with ●, *a*. ∞ 2 *p*. Very threatening in SW. 6*p*.
13	Calm 0	E 1	E 1	Calm 0	Calm 0	127	—	0 (mist) on swamp 6*a*. ∞ most of day. Frequent ● showers 2*p*.
14	Calm 0	E 1	ENE 2	NE 2	E 1	101	—	Dull all day. ● showers 2*p*. Threatening in E. 4*p*.
15	EbyS 8	EbyS 6	EbyS 5	E 2	E 4	379	2·00	Very squally and threatening, with drifting ●.
16	Calm 0	E 2	Calm 0	EbyN 1	Calm 0	202	·68	0 (mist) on hills *a*. ● noon. Very dull and overcast all day.
17	E 1	E 3	ESE 3	NE 1	Calm 0	126	·02	Dull 6*a*. ∞ till noon, then very fine.
18	Calm 0	EbyS 1	E 3	Calm 0	Calm 0	156	—	Day very fine. Very still 8*p*. K 2 ● 2 from NW., passing right overhead 11*p*.—1*a*.
19	E 1	Calm 0	EbyS 2	Calm 0	Calm 0	142	1·45	0 (mist) on hills till 2*p*. Distant T in NW. 2*p*. Day very sultry.
20	Calm 0	E 1	E 3	E 1	Calm 0	71	·48	Very dull 6*a*. 0 (mist) *a*. Very fine at noon. Distant T in SW. 2*p*. Very dark 10*p*.
21	EbyN 1	E 2	E 2	ENE 1	Calm 0	136	—	☽ *n*. 0 (mist) on hills 6*a*. Fine and clear *a*. ● 2 from S. 1*p*.
22	ENE 1	E 3	ESE 2	SbyE 1	Calm 0	187	·32	0 (mist) on hills till 8*a*. Very fine 10*a*. ● in E. 2*p*. Very fine 6*p*.
23	E 2	E 2	E 3	E 2	Calm 0	203	—	0 (mist) on hills, with ● in S., 6*a*. Very fine 10*a*. Damp wind 6*p*.
24	Calm 0	ESE 2	E 4	ENE 1	Calm 0	130	—	☽ *n*. ∞ 2 8*a*. 0 (mist) and ● showers on hills. Very fine at 6*p*.
25	W 1	W 1	SbyE 2	Calm 0	—	86	2·40	0 (mist) on hills *a*. ● 2 9.30*a*.—0.5*p*. Overcast 2*p*., with ● in E. and S.
26	W 1	S 1	NE 2	NE 2	Calm 0	80	—	☽ 2 *n*. ∞ 2 8*a*. Fine *p*. Ugly in E. 2*p*. ∞ 2 8*p*.
27	Calm 0	S 1	ENE 2	ESE 2	Calm 0	71	—	☽ 2 *n*. Very fine till 4*p*. ● 2 in SE. 4.15*p*.—5.15*p*. T in SW. Dull 8*p*.
28	Calm 0	ESE 2	EbyS 4	NE 1	Calm 0	86	·75	Fine till noon. T ● 2 in S. 1.30*p*.—4.20*p*. At 4*p*. ● 2 in NW.
29	Calm 0	EbyS 1	E 3	NE 1	Calm 0	86	—	☽ 2 *n*. Fine day. ● 2 in S. 2*p*. Very dark in S., with distant T 4*p*.
30	Calm 0	SE 2	E 4	Calm 0	Calm 0	91	—	☽ 2 *n*. 0 on swamp 6*a*. T in SW. 0.30*p*.—1.30*p*. ● 2 in SW. 2*p*. ∞ 10*p*.
31	Calm 0	ESE	E 3	E 1	Calm 0	97	—	☽ *n*. T noon—1.30*p*. ● 2 ESE.—WSW. noon, the storm passed westward. ⊂ in W. 10*p*.
Mean	0·1	1·5	2·3	1·0	—	125·7	13·23	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

SEPTEMBER 1886.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·109	30·101	30·121	30·110	30·056	30·041	30·054	30·110	30·063	72·5	90·0	143·0	71·5	82·5	6·5	·782
2	·078	·086	·102	·090	30·025	·037	·051	·043	·039	69·0	88·0	147·0	67·5	81·3	7·0	·726
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	·769
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	29·981	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	·065	·125	71·0	87·0	143·0	70·0	81·1	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	81·1	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	·043	30·026	·037	·069	·080	74·0	90·0	142·0	69·5	82·0	11·5	·756
13	·043	·068	·056	·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	30·029	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	·955	29·942	29·969	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	·783
19	·961	·968	·970	·931	·896	·904	·920	·923	·921	73·0	88·0	135·0	72·0	82·0	11·0	·918
20	·911	·925	·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	·806	·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	·952
24	·944	29·969	29·960	·953	·889	·918	·970	·987	·991	75·0	94·0	152·0	73·0	82·9	9·0	·889
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	—	73·0	82·9	0·5	·877
27	·945	29·988	29·976	·937	·898	·910	29·936	29·959	29·971	70·5	91·0	147·5	68·0	82·2	9·0	·804
28	29·997	30·023	30·016	·991	·980	·983	30·013	30·026	30·061	75·0	94·0	148·0	73·0	82·2	7·0	·880
29	30·007	·013	·014	·978	·943	·923	29·947	29·983	29·988	71·2	88·8	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

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.		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	76·0	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	74·0	79·0	76·0	84·0	77·8	87·8	78·0	83·8	75·8	75·2	74·5	72·0	70·0	72·8	71·0	72·0	71·0
5	74·0	78·0	80·0	76·0	83·8	77·5	86·0	79·0	81·8	76·5	78·0	73·0	76·0	73·0	74·0	73·0	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	86·0	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	75·5	78·0	74·0	77·0	75·5
9	72·3	72·0	80·0	76·5	86·5	81·0	85·0	78·5	83·0	77·4	83·0	79·8	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	75·0	78·0	76·0
11	75·0	73·0	83·5	79·5	86·2	78·4	88·0	77·0	86·5	78·0	85·0	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	82·0	86·6	77·0	85·5	75·5	86·5	75·0	80·0	76·0	77·5	74·0	77·0	75·0
13	72·0	71·0	78·2	73·2	80·0	77·8	84·5	78·5	85·0	77·0	83·0	75·2	80·5	76·0	75·0	73·0	74·5	73·0
14	71·4	71·0	80·0	77·0	82·0	76·5	78·0	75·5	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	75·6	85·0	75·4	85·8	77·0	88·0	77·0	83·0	77·0	80·4	76·0	79·0	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	75·0
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	73·0	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	89·8	80·0	84·2	76·5	82·0	78·0	78·0	77·0	77·0	75·5
23	78·0	77·0	82·0	78·5	91·0	81·0	90·0	82·5	86·8	79·5	83·0	77·8	82·0	77·0	78·0	75·5	77·0	75·0
24	76·5	75·2	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	81·2	90·0	82·0	87·0	77·0	85·8	78·0	81·0	76·5	78·0	76·0	77·0	75·5
26	74·0	72·8	74·8	74·0	77·5	76·2	77·0	76·0	76·8	76·8	77·0	75·0	75·0	74·0	74·2	72·5	73·5	72·0
27	71·4	71·0	77·5	72·8	85·8	77·8	88·4	72·8	90·0	80·6	82·0	72·8	79·0	72·0	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	72·0	85·6	72·6	85·8	72·6	84·0	72·0	85·0	72·0	80·2	74·0	79·0	73·5	78·0	74·5
30	71·5	70·5	79·2	76·5	86·0	72·0	86·2	72·8	85·5	72·2	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	73·2	76·9	74·6	76·1	74·3

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, San Domingo.

SEPTEMBER 1886.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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	0·3	Cir.-s.	2	ENE	0·3	—	—	—	—	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	0·3	—	—	—	—	—	—	—	—	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	1
13	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	3	NE	1	C.N.	9	ENE	3	Cum.	5	E	3
14	—	—	—	—	Cir.-s.	2	NNW	0·3	—	—	—	—	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	5	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	0·3	—	—	—	—	—	—	—	—	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. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	W 1	SbyE 1	E 3	Calm 0	Calm 0	206	—	[in E. 8p. ⌓ n. T (every 30 seconds) 11.45a. T 2p. K 2 6p. (< 2 every 3 seconds). Flash <
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	≋0 (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	—	≋0 (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	—	⌓ n. ≋0 (mist) on swamp 6a. Fine till noon. ● T in S. p. Dull.
6	W 1	SE 1	ESE 5	SE 1	Calm 0	88·5	—	⌓2 n. ≋0 (mist) on swamp 6a. T (one peal in NE.) 10.45a. T ● in S. p.
7	W 1	ESE 2	ESE 3	Calm 0	Calm 0	146	·37	≋0 (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	≋2 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	—	≋ on swamp and hills 6a. Day fine, with ∞.
10	W 1	SW 1	E 3	ESE 2	ESE 1	77	·58	≋0 (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	—	⌓ n. ≋ on swamp 6a. Fine all day, with ∞ at times.
13	W 1	NE 1	NNE 2	Calm 0	Calm 0	108	·40	≋0 (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	⌓2 n. ≋ on swamp 6a. ● showers till noon. Fine p.
15	W 1	ENE 2	NE 2	ENE 1	Calm 0	81	—	≋2 on swamp 6a. Fine all day. ● in S. 2p. ⌒ 4.15p.
16	Calm 0	NW 1	SSE 1	Calm 0	Calm 0	86	·92	≋2 (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	—	≋0 (mist) on hills and swamp 6a. Dull and overcast a. Fine p.
18	WbyS 1	E 1	NW 1	Calm 0	Calm 0	162	·08	≋2 (mist) on hills and swamp 6a. Dull and overcast p.
19	W 1	Calm 0	NE 1	Calm 0	Calm 0	75	·50	≋0 (mist) on hills and swamp a. Day fine. ● from 8p.
20	W 1	SW 1	W 1	Calm 0	Calm 0	97	·14	≋2 on swamp 6a. Very fine a. Overcast 4p., with ●2 to W.
21	W 1	WbyN 1	WbyS 1	Calm 0	Calm 0	96	—	≋0 (mist) on hills 6a. Fine till 2p., then dull, with ● in W.
22	WNW 1	SSW 1	NW 3	S 3	Calm 0	101	—	≋0 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	—	≋0 (mist) on hills a. Sultry at noon. ●2 T < in S. p.
24	W 1	E 1	ENE 3	Calm 0	Calm 0	55	—	≋0 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	—	≋ 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	—	≋ 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	≋0 (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	≋ on swamp 6a. Day fine. ● showers in S. 6p.
30	Calm 0	ESE 2	E 2	Calm 0	E 2	116	—	⌓ n. ≋ on swamp 6a. Fine, with ∞, 8a. ● ≋0 (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. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sunshine.	Vapour Tension.
										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.
	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	30·031	30·049	71·5	87·0	144·0	70·0	82·2	10·5	·834
2	29·979	·049	·060	·039	30·024	30·006	·031	·061	·067	71·0	88·0	153·0	67·5	82·2	10·0	·823
3	30·037	30·065	30·074	30·050	30·003	29·990	30·024	30·023	30·049	71·5	89·0	139·0	70·0	82·0	8·5	·810
4	29·963	29·993	29·999	29·945	29·924	·898	29·920	29·945	29·971	73·0	88·0	150·0	71·5	82·0	8·0	·883
5	·957	29·970	29·994	·937	·929	·943	·951	29·983	30·009	74·0	89·0	142·5	71·5	82·0	6·0	·874
6	29·999	30·020	30·036	29·991	·972	·947	·902	30·039	·045	74·0	89·0	139·0	71·5	82·0	5·0	·880
7	30·029	·044	·049	30·010	·970	·968	·992	30·020	·041	74·0	89·0	140·0	71·0	82·0	9·5	·883
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	·848
9	29·987	·020	·039	·995	·957	·952	·962	29·997	·018	72·0	89·0	141·0	69·0	82·0	11·0	·738
10	·990	·019	·025	·984	·959	·949	·968	30·018	·025	74·0	89·0	141·0	71·0	82·0	10·0	·754
11	29·993	·030	·032	·998	·956	·915	·958	30·030	30·031	73·0	90·0	141·0	71·0	82·2	10·5	·751
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	·799
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	·655
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	·574
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	·744
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	·633
17	·074	·077	·100	·069	30·033	30·040	·058	·082	·077	68·0	89·0	101·0	66·0	81·3	10·5	·764
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	·840
19	30·011	30·026	30·027	29·980	29·948	·935	29·959	29·989	30·014	71·0	90·0	132·0	69·0	81·0	8·5	·813
20	29·941	29·953	29·910	·910	·812	·919	·912	·952	29·947	70·0	89·0	144·0	69·0	81·0	7·0	·810
21	·888	·911	·900	·895	·803	·785	·779	·780	·780	69·5	78·0	96·0	69·0	80·7	0·2	·807
22	·807	·828	·782	·703	·622	·678	·706	·752	·781	72·0	79·0	—	69·5	80·0	0·2	·793
23	·741	·779	·764	·745	·705	·706	·719	·778	·735	70·5	82·0	141·5	68·5	80·1	9·0	·883
24	·818	·848	·865	·825	·807	·790	·849	·877	·972	70·5	91·0	141·0	69·0	80·1	9·5	·883
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	·851
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	·874
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	·915
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	·793
29	29·989	30·018	30·018	29·978	·937	·943	29·969	30·015	30·029	72·5	88·0	146·5	70·0	80·3	11·0	·868
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	·704
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	·845
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	·804

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.		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	81·0	77·0	85·0	78·0	85·8	78·5	85·5	78·0	85·0	76·0	81·0	75·5	78·0	73·0	77·0	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	76·0	74·0	75·0	74·5
3	73·0	72·0	79·0	76·0	85·0	79·0	78·0	75·0	85·2	78·6	83·5	77·0	80·3	75·4	78·5	75·5	77·5	75·0
4	73·8	73·0	79·8	77·0	83·0	78·8	87·0	80·0	85·5	79·0	81·0	77·0	80·0	77·0	78·5	76·5	78·0	76·5
5	76·0	74·0	81·8	78·0	85·0	78·2	87·5	80·0	76·0	78·0	80·0	76·5	78·8	76·8	79·0	77·0	78·0	76·5
6	75·4	74·0	80·8	78·0	85·0	80·0	87·2	80·0	86·8	80·0	81·0	78·0	79·0	76·5	78·5	77·0	78·0	77·0
7	74·4	74·0	81·2	78·8	86·0	79·8	87·0	80·0	86·8	79·8	84·8	79·0	80·0	76·5	80·0	77·0	79·0	77·0
8	73·8	73·0	81·5	79·0	85·5	78·8	86·0	78·9	85·7	77·0	84·5	76·0	80·0	75·0	80·0	76·5	79·0	75·5
9	72·2	71·5	80·0	77·0	86·0	79·0	86·2	76·5	86·0	77·0	85·0	77·0	80·2	75·0	78·5	74·5	78·0	75·0
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	77·0	78·5	75·0	78·0	76·5
11	74·0	73·0	83·0	79·5	85·0	78·5	89·0	77·8	88·8	78·8	84·0	78·2	80·2	76·0	79·0	75·0	78·0	76·0
12	72·0	71·0	76·5	75·8	85·5	79·2	85·3	77·5	86·0	77·0	81·0	74·8	78·0	75·0	78·5	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	72·5	82·5	72·5	77·5	69·5	75·2	69·5	74·0	69·0
14	68·0	67·0	76·3	73·0	83·8	72·5	86·0	72·0	84·5	73·0	80·0	72·5	77·8	71·2	77·2	72·0	77·0	72·0
15	70·0	69·4	74·5	72·4	81·8	76·8	85·0	76·2	86·0	76·5	82·6	73·5	77·0	71·5	73·4	69·8	73·0	69·5
16	68·0	67·0	77·0	73·0	84·2	73·2	85·5	73·5	85·0	75·0	79·5	74·8	77·0	74·0	74·8	69·2	74·0	69·0
17	69·3	68·4	77·8	73·0	86·5	77·8	78·0	74·0	79·8	74·0	80·0	74·0	77·0	73·5	76·5	74·0	76·0	74·5
18	68·5	68·0	76·5	73·5	80·5	74·0	84·0	73·0	81·0	74·8	81·4	73·6	77·5	73·0	76·0	72·5	76·0	73·0
19	71·5	71·0	76·5	74·8	83·0	73·5	81·0	76·4	81·0	79·8	81·0	76·0	78·0	75·0	74·5	73·0	74·0	73·5
20	72·0	71·4	75·2	73·6	83·5	77·8	86·4	78·2	79·2	75·5	71·2	70·5	72·0	71·0	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	72·0	74·0	72·2	73·5	72·5	73·0	72·5
22	73·0	72·5	73·5	73·5	73·5	73·0	74·0	73·0	74·5	73·5	77·0	75·5	75·5	74·0	74·0	72·5	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	80·0	77·0	76·3	75·0	76·0	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	75·5	76·5	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	75·5	74·0	75·0	73·5
26	72·5	72·0	75·5	75·0	83·8	78·0	89·8	80·2	88·0	79·8	83·2	78·0	81·0	76·0	80·0	76·0	79·0	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	76·0	78·0	76·5
28	74·0	73·0	80·2	78·5	80·2	78·4	84·8	77·2	84·0	75·5	85·0	79·5	79·4	75·5	77·0	75·0	77·0	75·0
29	73·0	72·2	80·2	77·5	85·5	79·8	86·5	79·5	86·0	79·0	83·5	77·5	79·0	74·8	78·0	78·4	77·5	74·0
30	72·8	72·0	79·0	77·0	85·0	78·5	85·0	74·2	85·0	76·0	84·0	76·0	78·5	74·0	77·5	75·5	77·0	74·0
31	71·0	70·5	77·8	75·0	84·5	75·0	81·8	77·2	80·8	76·0	84·2	77·0	79·0	74·8	77·5	74·0	77·0	74·8
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	74·5	77·0	74·0	76·4	73·9

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, San Domingo.

OCTOBER 1886.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	Calm 0	SE 1	E 4	E 3	Calm 0	90	—	⚐ n. ≋ over swamp 6a. Very fine day, ∞ at 10p.
2	W 1	E 3	SE 2	NE 1	Calm 0	170	—	⚐ n. ≋² on swamp 6a. ● showers in S. noon. ● from E. 6p. < in E. 8p.
3	W 1	S 1	ESE 3	NE 1	Calm 0	68	·32	⚐ n. ≋² 6a. ≋⁰ (mist) on hills 10a. ● noon. ⚲ in NW. 6p. < in S. 8p.
4	Calm 0	E 1	E 3	ENE 1	Calm 0	96	—	≋² on swamp 6a. ≋⁰ (mist) on hills a. ● showers in S. 2p. Very clear sky 8p.
5	E 1	E 3	ENE 2	Calm 0	Calm 0	91	—	≋² 6a. Heavy squall in the bay (boat lost), ●² here, T to W., 2p. < in NW. 6p.
6	Calm 0	SE 2	ESE 3	NE 1	Calm 0	117	·18	⚐ n. Fine a., with ∞. Very dark, with constant T ●² in S. and SW. 2p. < in E. 10p.
7	Calm 0	E 2	E 3	ENE 1	SE 2	98	—	⚐ n. ≋² (mist) 6a. T ●² in SW. 2p. ⚲ ● E.—W. 8p., in NW. 10p.
8	Calm 0	E 2	ESE 3	ENE 2	Calm 0	130	—	⚐ n. ≋⁰ (mist) on swamp 6a. Fine day, with ∞. ● showers in S. and SW. p.
9	Calm 0	SE 2	ESE 3	NE 1	Calm 0	130	—	⚐ n. ≋ on swamp 6a. Fine all day, with ∞ at times.
10	Calm 0	ESE 1	SE 3	ENE 2	Calm 0	101	—	⚐ n. ≋ on swamp 6a. Very fine a. Threatening a squall at 4p. ∞² 8p.
11	Calm 0	E 1	ENE 2	N 1	Calm 0	91	—	⚐ n. ≋² on swamp 6a. Fine all day. ● showers in S. 6p. ∞ 10p.
12	Calm 0	Calm 0	NE 3	N 1	Calm 0	63	—	⚐ n. ≋² on swamp a. Fine day.
13	W 1	NbyE 2	NNW 3	N 3	Calm 0	93	·18	≋² on swamp 6a. ≋⁰ (mist) on hills a. Double ⌒ 7a. ●⁰ showers 2p., otherwise [fine.
14	W 1	SE 1	N 3	NE 2	Calm 0	101	—	⚐ n. ≋ on swamp 6a. ∞² 8a. Day fine.
15	WNW 1	W 1	NW 1	NNE 1	Calm 0	136	·21	● showers from N. 6a. ≋⁰ (mist) on hills till 10a. Day fine.
16	W 1	Calm 0	NNE 2	Calm 0	Calm 0	80	—	⚐² n. ≋ on swamp 6a. ∞ a. Fine all day.
17	Calm 0	SW 1	Calm 0	Calm 0	NE 1	85	—	≋ on swamp 6a. Fine a.
18	Calm 0	SE 1	N 3	NE 1	Calm 0	70	—	⚐ n. ≋ on swamp 6a. Sultry at noon. Day fine. < in SE. 8p.
19	W 1	Calm 0	SSE 1	NE 1	SE 2	78	·02	≋⁰ (mist) on swamp and hills a. Gloomy. ⌒ 2p. ●² showers 8p. < in W.
20	W 1	SE 1	ESE 7	Calm 0	Calm 0	60·5	·27	≋⁰ (mist) on hills a. Day very dull and dark. ⚲ (heavy squall) 2p. and about 4p. ● p.
21	Calm 0	E 2	E 3	E 3	Calm 0	90	·87	≋⁰ (mist) ●⁰ till noon. ● from E. 4p. Very raw.
22	Calm 0	Calm 0	NNW 2	Calm 0	Calm 0	202	4·95	≋⁰ (mist) ● till 4p., then ≋⁰ (mist) on hills. Overcast. [NW. 4p. ⚲² in SW. 8p.
23	Calm 0	SW 1	E 0·5	Calm 0	Calm 0	62	·10	Pretty sunrise. ≋² on swamp 6a. Very fine and clear 10a.—2p. < in SW. 3p. ● from
24	Calm 0	W 1	Calm 0	NNE 1	Calm 0	68	·03	≋⁰ (mist) on swamp and hills 6a. Fine and clear 10a.—2p. Very dark in the west 6p.
25	W 1	NW 2	SE 1	Calm 0	Calm 0	80	·41	≋⁰ (mist) ●⁰ a. Muggy at 2p. Fine from 4p.
26	Calm 0	SE 1	ESE 1	NNE 2	NE 1	—	·06	≋⁰ (mist) a. Fine, with ∞, 10a.—2p. ● in S., 4p. Fine from 6p. < in N.
27	Calm 0	Calm 0	Calm 0	Calm 0	Calm 0	—	·45	⚐² n ≋⁰ (mist) on hills. ● from E. 10a. Ugly in NE. 2p. < in NE. 8p.
28	Calm 0	E 3	E 3	NE 1	Calm 0	—	·04	≋⁰ (mist) ● from E. a. Fine p., with ∞.
29	Calm 0	E 1	ESE 1	NNE 1	—	—	—	⚐ n. ≋² on swamp 6a. Day fine, with ∞.
30	Calm 0	ENE 3	NEbyN 3	NE 3	NNE 2	—	—	⚐ n. ≋⁰ (mist) on hills and swamp 6a. Day fine, with ∞.
31	Calm 0	W 1	NE 1	NE 1	Calm 0	—	—	⚐ n. ≋² on swamp 6a. Day fine, with ∞. ● in E. at times.
Mean	0·3	1·3	2·2	1·1	—	—	8·09	

NOTE.—On the 23rd there was ⚲² 30 miles west of Sanchez. Six men and a boy in a "gallera" were struck by <. Two died at once, two a few hours later, and one 20 days afterwards.

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

NOVEMBER 1886.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sunshine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	29·985	29·990	29·999	29·950	29·904	29·893	29·906	29·935	29·969	71·0	87·1	144·0	69·5	80·6	8·5	·871
2	·932	30·009	30·055	·942	·907	·892	·913	29·971	29·911	72·0	89·5	141·0	71·0	80·7	8·0	·885
3	29·987	·014	·012	29·990	·950	·953	29·970	30·019	30·027	72·0	86·0	147·0	70·0	80·7	8·0	·888
4	30·030	·053	·065	30·033	·988	·986	30·017	·041	·051	70·0	88·0	154·0	70·0	80·7	7·5	·840
5	30·046	·070	·076	30·032	·978	·965	29·985	30·019	·033	69·5	84·0	144·0	68·5	80·8	9·0	·788
6	29·991	30·018	·011	29·955	·899	·929	·932	29·996	·010	70·5	88·0	134·8	68·8	80·8	5·0	1·047
7	29·981	29·995	·028	30·068	·956	·942	29·973	30·004	·015	70·5	86·0	133·2	70·0	80·8	7·5	·885
8	30·029	30·050	·054	·015	29·993	29·991	30·005	·040	·050	70·0	85·0	138·0	68·5	80·4	8·0	·930
9	·065	·107	·116	·069	30·020	30·020	·043	·043	·113	69·5	81·0	122·0	69·5	80·1	5·5	·726
10	·090	·113	·110	·091	·036	·031	·044	·082	·043	66·0	88·0	134·0	63·5	79·6	9·0	·738
11	·040	·085	·120	·044	·038	·027	·040	·053	·069	71·0	82·0	115·0	68·5	79·4	4·5	·673
12	·063	·099	·106	·051	·019	·020	·029	·067	·064	71·5	84·0	98·0	69·0	79·2	4·0	·749
13	·040	·085	·120	·044	·038	·027	·040	·053	·069	71·0	82·0	115·0	68·5	79·4	4·5	·673
14	·127	·145	·150	·124	·090	·060	·082	·114	·098	72·5	87·0	141·0	70·0	79·2	10·5	·697
15	·099	·121	·127	·079	·043	·023	·040	·060	·092	68·0	86·0	141·0	66·0	79·2	5·5	·888
16	·086	·106	·113	·086	·040	·042	·055	·070	·084	67·5	86·0	143·6	65·0	79·1	7·0	·796
17	·063	·065	·110	·065	·040	·058	·073	·103	·084	69·5	84·0	142·0	68·0	79·1	10·0	·735
18	·154	·181	·201	·167	·112	·120	·131	·166	·151	68·0	85·0	132·0	66·0	79·1	10·0	·699
19	·139	·159	·174	·126	·094	·097	·114	·123	·136	73·0	86·0	139·0	72·0	79·1	10·0	·671
20	·102	·127	·123	·068	·024	·024	·032	·049	·057	69·0	84·0	136·0	65·0	79·1	7·5	·589
21	·031	·097	·079	·040	30·020	30·013	·037	·037	·056	70·0	84·0	138·0	67·0	79·0	4·0	·756
22	·033	·066	·079	·020	29·990	29·997	·017	·037	·038	70·5	83·0	116·0	68·0	79·0	7·0	·716
23	·033	·079	·072	·044	29·907	30·016	·014	·034	·051	73·0	85·0	134·0	68·5	79·0	10·0	·580
24	·039	·074	·087	·046	30·012	·013	·044	·075	·101	66·5	84·0	135·5	64·0	78·9	9·5	·671
25	·063	·090	·097	·060	30·020	30·025	30·041	30·063	30·074	71·0	84·0	135·0	70·0	78·9	8·3	·706
26	30·051	·065	·016	30·003	29·997	29·972	29·987	29·994	29·980	66·0	82·0	138·0	63·5	79·0	9·0	·657
27	29·980	30·012	30·011	29·958	·927	·906	·923	·940	29·973	68·5	84·0	136·5	66·0	79·0	5·5	·738
28	·951	29·977	29·995	·968	·914	·922	·935	29·965	30·000	68·0	82·0	135·0	67·0	78·4	8·5	·650
29	29·988	30·011	30·021	29·978	·941	·945	29·973	30·013	·027	66·2	84·0	134·0	62·5	78·4	10·5	·635
30	30·023	30·045	30·064	30·034	29·984	29·983	30·009	30·035	30·033	64·0	84·0	141·5	62·0	78·0	10·0	·675
Mean	30·041	30·070	30·080	30·038	29·999	29·996	30·013	30·040	30·049	69·5	84·8	134·3	67·5	79·5	231·8	·759

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.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	73·8	72·8	77·0	75·0	84·5	79·0	85·0	79·0	84·8	78·0	80·0	77·0	78·8	76·0	78·0	76·2	77·5	76·0
2	72·8	72·0	80·0	76·8	83·2	79·0	86·2	79·8	89·0	80·5	81·0	76·5	79·0	76·0	76·5	75·0	76·0	75·0
3	72·4	74·6	78·0	75·6	83·2	77·6	84·0	79·0	84·5	78·6	81·0	76·2	78·5	73·8	77·0	74·5	77·0	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	75·0	76·0	74·5	75·5	74·0
5	70·2	69·6	76·0	72·4	83·5	78·2	83·0	76·5	83·8	77·2	82·9	78·0	78·0	76·0	78·4	74·0	78·0	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	75·8	76·0	74·8	74·6	73·2	74·0	73·0
7	72·0	71·0	74·0	72·5	79·0	76·0	79·0	77·0	81·0	75·0	81·0	77·0	78·0	74·0	75·5	73·5	75·0	73·5
8	71·0	70·5	78·0	74·5	80·8	76·8	84·0	81·0	82·0	79·0	80·0	73·5	78·0	72·0	76·0	72·5	75·0	73·0
9	70·5	70·0	72·0	71·0	75·5	72·8	79·0	72·5	79·4	71·0	79·8	70·8	75·0	68·0	75·0	72·0	74·0	71·5
10	67·0	66·2	75·5	72·0	80·5	73·5	81·2	74·6	80·9	73·6	79·8	73·0	76·2	72·0	76·5	72·5	75·0	72·5
11	75·0	69·5	72·2	71·0	78·0	74·2	80·2	72·7	79·0	74·8	77·4	71·8	76·0	71·0	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	71·2	76·0	71·0	76·0	71·0
13	75·0	69·5	77·2	71·0	78·0	74·8	80·2	72·7	79·0	74·8	77·4	71·8	76·0	71·0	76·0	71·0	75·0	71·0
14	73·2	72·6	77·0	74·8	84·0	78·5	85·0	75·0	82·0	74·0	80·5	73·4	77·0	72·5	75·8	72·2	75·0	72·5
15	69·0	68·0	72·0	71·0	80·0	77·0	84·5	79·2	74·0	71·6	80·0	74·5	77·0	72·0	75·0	73·0	75·0	73·0
16	68·5	65·0	75·0	73·0	81·8	76·2	84·0	77·0	83·5	76·0	81·5	74·0	76·0	71·6	75·2	73·0	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	82·0	76·0	77·0	76·0	76·0	74·8	75·0	74·0
18	69·0	68·0	75·2	72·5	81·0	76·4	82·0	74·0	82·0	72·8	81·5	73·8	77·0	72·0	76·0	74·5	75·0	74·0
19	73·5	70·0	80·5	73·5	83·9	74·2	84·0	74·0	83·0	75·2	80·0	72·5	75·0	70·0	76·0	73·2	75·0	73·5
20	72·0	69·0	78·4	72·2	79·8	74·8	82·0	73·8	80·4	74·7	78·0	74·0	75·5	72·0	75·0	72·0	74·5	72·0
21	73·5	72·0	75·4	74·2	77·0	74·0	81·0	73·0	80·6	74·0	79·0	74·5	75·4	72·6	72·0	70·0	71·5	69·5
22	74·0	72·0	77·8	74·8	82·0	72·5	81·0	74·0	80·8	74·4	77·0	72·4	75·0	72·0	74·0	71·8	73·0	71·5
23	74·5	70·0	78·5	74·0	81·9	74·0	82·8	74·0	81·9	69·9	78·5	75·0	74·5	70·0	75·0	74·8	74·0	71·0
24	67·0	66·5	74·9	74·9	80·0	75·0	84·0	74·0	81·0	75·0	77·0	72·0	75·0	72·0	74·0	72·0	73·0	71·5
25	72·0	71·0	75·8	73·8	81·0	73·2	79·0	73·0	79·2	72·0	79·2	72·0	75·0	70·2	72·0	69·5	71·0	69·0
26	66·5	66·0	72·0	70·0	78·0	73·5	79·0	71·8	78·5	72·4	76·0	71·7	72·8	69·0	71·2	69·2	71·0	69·2
27	71·0	68·7	74·0	71·0	79·0	74·0	83·2	75·4	78·0	74·0	77·0	72·0	74·2	70·8	73·0	70·0	72·0	69·5
28	69·0	67·0	74·0	72·0	79·8	74·0	77·9	71·2	81·4	72·8	78·0	71·5	74·8	69·8	73·0	69·4	72·0	69·0
29	66·2	65·8	72·0	70·0	78·0	71·2	81·2	72·0	81·2	72·0	80·0	71·0	75·0	68·4	72·5	68·0	70·0	67·6
30	65·5	64·0	71·8	69·0	81·5	74·6	81·0	73·0	81·6	72·2	78·6	72·0	75·0	71·0	75·0	71·0	74·0	70·6
Mean	71·0	69·5	75·6	72·7	80·7	75·2	82·1	73·8	81·1	74·7	79·4	74·0	76·2	72·1	75·0	72·0	74·3	71·8

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, San Domingo.

NOVEMBER 1886.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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.	5	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	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	[Clouds low *p.* ☄ ● ² from N. 8*p.*
1	Calm 0	SW 1	ESE 3	Calm 0	N 1	—	—	☽ *n.* ≋ on swamp 6*a.* Fine, with ∞ 8*a.* ≋⁰ (mist) gathering on hills 10*a.*
2	Calm 0	SE 1	E 1	NNE 2	Calm 0	—	·70	● *n.* ≋ *a.* Clouds low 8*a.* ⌒ Clear 10*a.*—2*p.* ● in S. *p.* ☄ ● 8*p.* ☾ in NW.
3	W 1	SE 1	E 3	Calm 0	Calm 0	—	·02	≋⁰ (mist) 6*a.* Fine 8*a.*—2*p.* Distant T in SW. 4*p.* ☾ to W. 6*p.* Ugly 10*p.*
4	Calm 0	Calm 0	NNE 3	Calm 0	Calm 0	—	·01	≋⁰ (mist) till 10*a.* ● passing W. along north hills noon. Very ugly *p.* ∢ in SSW. 6*p.*
5	Calm 0	SW 1	E 4	ENE 1	Calm 0	—	—	☽ *n.* Fine *a.* ∞² 4*p.* ☾ in S. and W. (one flash and peal overhead) 8*p.* T 10*p.*
6	W 1	SE 2	Calm 0	ENE 1	Calm 0	—	—	☽ *n.* ☾² in WNW. passing to S. 11*a.*—2*p.* ● from noon. T in S. 4*p.* ∢ 8*p.*
7	W 1	E 1	NNE 3	NE 3	NNE 2	—	·22	☽ *n.* ≋² on swamp and hills 6*a.* Very dull till noon. ⌒ 4.30*p.* ☾ in NE. 8*p.* ●² 9*p.*
8	Calm 0	W 1	NNE 4	Calm 0	N 3	—	·86	● most of *n.* ≋² in N. 6*a.* Day fine, but clouds lowering on the N. hills.
9	Calm 0	Calm 0	NNW 3	Calm 0	Calm 0	—	1·12	≋⁰ (mist) on hills, ● till noon. Very fine *p.* ● showers in S. 2*p.*
10	W 0·5	E 2	N 4	NNW 4	Calm 0	—	·04	Watery sky *a.* Very squally 2*p.* Double ⌒ *p.* ≋⁰ (mist) on hills 8*p.* ●² showers 10*p.*
11	NNE 3	NNE 3	N 3	Calm 0	NNE 3	—	·21	Very gusty wind 6*a.* Very threatening all round 8*a.* ● showers 10*a.* Dull *p.* ●⁰
12	Calm 0	NW 1	E 1	E 1	NE 4	—	—	≋ on swamp 6*a.* ≋⁰ (mist) on hills till noon. ● showers 2*p.* Dull, with ∞².
13	NNE 3	NNE 3	N 3	Calm 0	NNE 3	—	·21	Dull and overcast all day, with ∞ and ● showers.
14	Calm 0	W 1	NE 2	Calm 0	Calm 0	—	·19	● *n.* ≋⁰ (mist) on swamp and hills *a.* Day fine from 10*a.*, with ∞.
15	W 1	W 1	Calm 0	NNE 3	Calm 0	—	·17	☽ *n.* ≋² on swamp and S. hills *a.* ●⁰ showers 10*a.*—4*p.* Very fine from 8*p.*
16	W 1	W 0·5	NE 2	Calm 0	Calm 0	—	·20	≋² 6*a.*—8*a.* Day fine, but with ∞.
17	W 1	SW 1	ESE 3	ENE 2	Calm 0	—	—	≋⁰ (mist) on swamp 6*a.* ●² in E. and S. 8*a.* ● showers noon. Fine *p.*, with ∞.
18	W 1	ESE 3	E 3	Calm 0	Calm 0	—	·10	☽ *n.* ≋² on swamp 6*a.* Day fine, with ∞. ● in E. and SE. at times.
19	WNW 1	E 3	E 3	Calm 0	NNW 3	—	—	● showers in SE. and SW. *a.* Day fine, with ∞. ∢ in E. 8*p.* Gusty 10*p.*
20	NE 1	NE 2	NE 3	NE 3	ENE 2	—	·21	≋⁰ (mist) on hills *a.* Day dull and overcast, with ● showers. T in NNE. 1.30*p.* ⌒
21	W 1	NW 1	E 1	Calm 0	Calm 0	—	·33	Day overcast, with ≋⁰ (mist) on hills, and ● showers.
22	NE 1	NW 3	N 3	N 3	N 3	—	—	Red sunrise. Threatening in E. 8*a.* ● showers. Squally from 8*p.*
23	NNE 3	NE 3	E 2	NE 2	Calm 0	—	·03	Rough ☄ 6*a.* ∞² 10*a.* Very fine noon—2*p.* Dull 4*p.* ⌒ 5*p.*
24	W 0·5	W 1	E 1	Calm 0	*Calm 0*	—	—	☽ ≋⁰ (mist) on swamp 6*a.* Close and muggy *a.* ● showers *p.*
25	Calm 0	E 2	E 3	Calm 0	Calm 0	—	·15	Very dark in E., S., and W. 6*a.* Dull 8*a.*, with ≋⁰ (mist) on swamp. Fine *p.*, with ∞.
26	Calm 0	WNW 1	NE 2	Calm 0	Calm 0	—	·03	☽ *n.* ≋ on swamp 6*a.* Day dull and overcast, with ● showers. ⌒ *p.*
27	W 1	Calm 0	E 1	Calm 0	NW 2	—	·15	≋⁰ (mist) on hills *a.* ● showers.
28	W 1	N 1	NNE 3	Calm 0	Calm 0	—	·65	● *n.* Very gloomy in E. 6*a.* Overcast *a.* ≋⁰ (mist) on hills. Fine *p.*
29	Calm 0	NW 1	NW 3	NE 1	Calm 0	—	·01	≋⁰ (mist) on hills *a.* Dull and overcast till noon, then fine.
30	W 1	WNW 1	N 2	NNE 3	NNE 2	—	—	☽ *n.* ≋⁰ (mist) on swamp 6*a.* Day fine and clear, except from noon—2*p.*
Mean	0·8	1·4	2·4	1·0	0·9	—	5·61	

SANCHEZ, San Domingo.—Long. 69° 37′ N. Lat. 19° 13′ W. Height above Mean Sea Level, 50 feet.

DECEMBER 1886.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·053	30·090	30·086	30·038	30·014	30·015	30·032	30·071	30·075	67·5	83·0	144·0	66·0	78·1	9·0	·671
2	·050	·066	·072	·018	29·982	29·974	29·982	·029	·088	66·0	84·0	130·0	63·5	78·0	9·0	·718
3	·011	·041	·056	·021	29·973	29·973	30·041	·043	·063	65·0	83·0	144·0	63·0	78·1	10·5	·609
4	·072	·101	·115	·095	30·063	30·058	·090	·117	·102	64·4	79·0	86·0	62·0	78·1	0·5	·738
5	·144	·142	·162	·112	·066	·067	·074	·115	·096	65·0	84·0	135·5	62·0	78·0	8·0	·723
6	·075	·127	·122	·078	·020	·026	·036	·077	·094	65·0	86·0	137·0	62·0	78·0	6·5	·713
7	·040	·077	·091	·040	·034	·020	·043	·086	·104	64·5	75·0	—	63·0	78·0	1·5	·738
8	·080	·126	·131	·086	·046	·036	·072	·095	·096	65·0	83·0	141·5	63·5	77·8	8·0	·644
9	·074	·119	·132	·058	·023	·026	·047	·078	·088	67·0	84·0	141·0	65·0	77·4	7·0	·807
10	·054	·096	·077	·047	·008	·017	·035	·070	·093	66·5	82·0	135·0	66·0	77·3	7·0	·799
11	·048	·078	·082	·049	·006	30·003	·017	·040	·068	66·0	84·0	137·5	63·0	77·3	6·0	·754
12	·051	·082	·090	·032	30·000	29·997	·005	·048	·046	68·0	85·0	138·0	63·0	77·6	8·0	·818
13	·020	·064	·068	·015	29·999	·973	30·002	30·035	·014	72·5	82·0	135·8	69·0	77·8	7·0	·711
14	·010	·066	·073	·016	29·958	·965	29·995	29·999	·033	66·0	82·0	144·0	63·0	78·0	8·5	·751
15	·008	·055	·080	·044	30·024	29·991	30·035	30·038	·074	68·5	84·0	137·0	68·0	77·9	9·0	·716
16	·100	·117	·137	·114	·077	30·072	·087	·128	·143	67·0	81·0	139·0	65·5	77·8	2·0	·807
17	·107	·141	·165	·125	·063	·062	·073	·087	·097	68·0	80·5	123·0	65·0	77·3	3·0	·766
18	·048	·091	·098	·062	·018	·016	·051	·085	·101	69·0	82·0	139·0	68·0	77·3	6·0	·829
19	·077	·101	·101	·108	·039	·029	·037	·065	·077	68·0	81·0	—	66·0	77·2	5·0	·733
20	·076	·090	·111	·094	·023	·018	·058	·081	·098	68·0	82·0	136·0	67·0	77·2	8·0	·756
21	·082	·127	·125	·092	·035	·046	·077	·125	·121	66·5	83·0	141·0	64·5	77·3	6·0	·826
22	·135	·144	·171	·144	·064	·064	·085	·095	·094	66·5	85·0	114·0	64·0	77·2	7·0	·666
23	·057	·123	·122	·098	·047	·035	·058	·050	·105	66·5	83·0	—	65·0	77·0	3·0	·721
24	·080	·103	·125	·092	·049	·034	·059	·087	·087	64·0	83·0	138·5	61·5	77·0	9·0	·666
25	·068	·115	·128	·093	·051	·060	·073	·089	·133	63·0	81·0	131·0	61·0	77·0	10·5	·622
26	·097	·119	·137	·108	·088	·080	·090	·134	·114	64·5	84·0	131·0	61·0	76·8	8·0	·711
27	·130	·155	·197	·166	·103	·120	·120	·139	·110	64·0	79·0	106·0	62·5	76·6	3·0	·746
28	·149	·157	·173	·173	·081	·069	·093	·105	·095	65·5	83·0	143·5	64·0	76·5	7·0	·930
29	·086	·109	·107	·086	·005	·017	·039	·071	·088	64·0	84·5	143·0	62·0	76·4	6·0	·671
30	·015	·070	·089	·058	30·025	·033	·035	·041	·019	66·0	79·0	135·0	63·5	76·1	7·0	·680
31	30·021	30·063	30·094	30·038	29·998	30·003	30·003	30·032	30·009	67·0	83·0	136·0	64·5	76·1	9·0	·697
Mean	30·069	30·102	30·113	30·078	30·030	30·029	30·050	30·076	30·082	66·3	82·4	—	64·1	77·4	205·0	·733

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.		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	72·0	78·0	73·0	77·8	72·0	70·0	77·3	75·3	77·2	74·0	70·6
2	66·5	65·8	74·0	72·0	81·0	74·0	83·5	75·0	80·5	73·8	77·8	72·0	75·0	74·0	73·0	68·0	72·0	67·5
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	72·5	70·5	69·0	68·2	68·0	67·0
5	66·0	65·5	75·0	73·2	80·2	74·9	80·5	74·0	80·5	73·7	79·0	72·0	75·8	70·2	74·0	69·5	73·0	69·0
6	65·5	64·6	71·4	69·6	80·2	74·9	83·9	75·0	78·5	71·4	78·0	70·8	73·0	66·9	70·8	66·0	68·5	65·0
7	66·0	65·0	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	68·5	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	75·0	78·1	72·9	76·0	72·0	74·2	71·0	71·0	70·0	70·0	68·5
10	67·3	66·9	70·0	69·0	77·5	76·8	78·8	75·0	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	75·2	81·3	76·0	82·6	74·8	78·5	74·0	76·0	72·0	74·0	70·5	72·0	69·6
12	70·0	69·0	74·5	70·8	82·0	75·5	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	69·5
14	66·3	65·9	72·2	70·2	80·5	75·0	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	75·9	73·2	80·0	74·0	76·8	73·0	75·0	72·0	75·0	73·8	74·0	70·5
18	70·5	69·8	73·0	72·0	80·8	76·2	82·0	77·0	81·2	75·0	81·0	75·0	76·0	74·5	75·0	74·3	74·0	70·5
19	70·0	69·4	75·0	73·0	76·8	74·0	74·8	72·0	75·5	71·2	77·5	73·0	74·0	71·0	74·0	70·8	73·0	70·2
20	70·2	70·0	75·0	73·0	80·0	74·8	81·0	75·0	81·2	73·5	80·2	74·9	76·0	72·0	73·0	70·6	72·0	69·4
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	75·6	72·0	74·5	70·0
22	67·0	66·0	72·0	70·0	81·2	73·8	81·0	72·8	80·2	71·8	77·0	70·2	73·0	74·5	72·5	71·0	71·6	70·0
23	67·0	66·5	71·0	70·0	77·0	73·5	78·0	73·0	73·0	72·0	74·0	72·0	72·0	68·6	70·0	68·0	68·0	67·0
24	65·0	64·5	70·5	70·0	80·5	73·8	81·8	73·0	78·5	71·0	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	71·0	76·0	74·0	75·2	68·7	71·5	67·5	70·0	66·5
26	65·0	64·0	67·0	65·0	77·2	72·0	84·0	75·0	80·0	73·0	73·0	74·0	70·5	69·8	68·2	67·2	67·0	65·8
27	66·0	65·0	68·3	67·8	71·2	70·4	74·0	72·0	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	72·8	67·8	71·0	66·5	69·0	67·0
29	66·5	66·0	68·5	67·8	75·5	72·5	76·0	71·0	78·0	74·5	78·3	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	71·6	75·0	70·6	73·0	69·8	72·5	69·5	71·8	68·0
31	67·0	66·0	71·0	69·0	81·0	75·4	78·6	72·6	79·5	72·0	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	73·6	79·2	73·7	79·0	72·9	77·3	72·2	73·8	70·0	72·4	69·4	71·2	68·6

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

DECEMBER 1886.

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

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	W 1	N 0·5	NNE 1	NE 1	Calm 0	100	·01	≋² (mist) to N. 8a. Overcast most of day. ● showers p.
2	W 1	W 1	N 2	NNE 2	Calm 0	90	—	≋⁰ (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. ≋⁰ (mist) on hills a. Clouds low, ● in E. ⋓ 8p.
5	W 1	W 1	ESE 3	E 1	E 2	80	·50	● n. ≋⁰ (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. ≋² on swamp and S. hills 6a. Day fine, with ∞². Earthquake 0.15p.
7	W 1	E 1	W 0·5	Calm 0	Calm 0	110	·26	☽ n. ● 10a.—4p. Clouds low, ≋⁰ (mist) on hills p. ≋ to E. 6p. ⋓ ∞² 8p.
8	W 1	WbyS 1	ENE 2	Calm 0	Calm 0	88	·20	● n. ≋ on swamp and to S. and W. a. Fine, with ∞ from 10a. Beautiful cir-c. 6p.
9	W 1	W 0·5	SSE 1	Calm 0	Calm 0	111	·20	● n. ≋¹ (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. ≋² 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	—	☽² n. ≋⁰ (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	—	≋⁰ (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	≋⁰ (mist) on hills 6a. Day fine, with ∞.
14	Calm 0	SSE 1	ESE 2	Calm 0	Calm 0	123	—	☽² n. ≋⁰ (mist) on swamp 6a. Day fine, with ∞.
15	Calm 0	ESE 1	ESE 3	Calm 0	Calm 0	93	·20	● n. ≋⁰ (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	●² n. ≋⁰ (mist) on swamp 6a. Watery looking in E. 8a. ●⁰ 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	≋⁰ (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	≋⁰ (mist) on hills and swamp a. Ugly in E. 8a. ●⁰ noon. Squall 1p. ● from E.
20	Calm 0	E 1	ESE 3	Calm 0	Calm 0	85	·25	● n. ≋⁰ (mist) on swamp and hills a. Ugly in E. Clouds low 8a. Fine from 10a.,
21	W 1	SE 0·5	ESE 3	NE 1	Calm 0	120	·37	≋⁰ (mist) on swamp, with low clouds and ● a. Fine p., with ∞. [with ∞.
22	Calm 0	SE 1	NE 1	Calm 0	Calm 0	64	—	☽ n. ≋⁰ (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. ≋² on swamp 6a. Fine, with ∞, 8a.—noon. ● showers p. ⌒ 3.30p. Fine
25	W 0·5	Calm 0	ESE 2	EbyS 1	Calm 0	67	—	☽ n. ≋ on swamp 6a. Day fine, with ∞. ⌒ 4.15p. [from 6p.
26	WNW 1	NNE 1	E 2	Calm 0	Calm 0	60	—	☽ n. ≋⁰ (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. ≋² (mist) on hills noon. Dull, with low
28	W 1	Calm 0	ESE 5	E 1	Calm 0	69	·15	●² from E. 6a. ≋⁰ (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. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sunshine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	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	76·3	9·0	·668
2	·046	·055	·059	·010	·964	·959	29·971	·011	·036	65·5	84·0	138·0	63·0	76·5	9·0	·633
3	·012	·041	·048	·010	29·980	29·973	30·025	·039	·097	65·5	84·5	138·0	65·0	76·6	10·5	·668
4	·065	·084	·105	·052	30·010	30·019	·005	·059	·077	64·0	84·0	139·5	63·0	76·6	9·0	·624
5	·059	·093	·113	·074	·021	·019	·036	·055	·047	66·5	82·0	136·0	67·0	76·6	7·0	·697
6	·094	·119	·119	·095	·063	·027	·075	·102	·079	62·5	84·0	126·0	61·0	77·0	7·0	·738
7	·098	·142	·138	·114	·068	·077	·105	·126	·089	66·0	**85·0**	**147·0**	64·0	77·0	7·0	·598
8	·104	·134	·148	·104	·064	·048	·082	·121	·139	67·0	83·0	141·0	65·5	77·1	9·5	·738
9	·065	·139	·146	·121	·075	·069	·087	·113	·074	65·0	83·0	143·0	65·0	77·5	10·0	·716
10	·073	·096	·098	·061	·008	·004	·029	·054	·097	65·0	81·0	138·0	60·0	77·3	10·0	·697
11	·062	·101	·126	·092	·046	·051	·070	·100	·089	64·5	**85·0**	133·0	61·0	77·5	10·0	·630
12	·104	·134	·137	·104	·070	·074	·085	·121	·143	66·0	83·0	130·0	63·0	77·6	10·0	·689
13	·160	·202	·210	·169	·118	·117	·136	·166	·139	64·5	84·0	137·0	63·5	77·7	10·0	·675
14	·174	·219	·218	·169	·128	·136	·139	·183	·154	69·0	84·0	132·0	66·0	77·9	7·0	·514
15	·160	·194	·190	·118	·076	·081	·092	·140	·151	65·0	84·0	138·0	63·0	77·8	10·0	·648
16	·114	·116	·164	·117	·083	·076	·094	·143	·167	64·0	84·0	141·0	62·0	77·8	10·5	·699
17	·120	·138	·160	·100	·061	·057	·065	·073	·101	**62·0**	83·5	138·0	59·5	77·8	11·0	·601
18	·059	·105	·122	·062	·012	·026	·045	·087	·104	66·0	83·0	138·0	63·0	77·8	11·0	·624
19	·159	·189	·209	·193	·173	·184	·219	·231	·195	65·0	82·0	136·0	63·0	78·0	6·0	·664
20	·210	·249	·264	·217	·181	·169	·177	·195	·179	69·0	81·0	—	60·5	77·8	2·5	·697
21	·169	·219	·230	·199	·137	·151	·149	·189	·206	68·0	78·0	—	66·0	77·8	0·5	·671
22	·194	·225	·226	·166	·151	·137	·166	·185	·216	66·0	82·0	140·0	62·0	77·1	9·0	·509
23	·184	·220	·223	·211	·169	·130	·165	·168	·168	65·0	80·0	138·0	63·0	77·0	10·0	·613
24	·178	·197	·214	·185	·109	·083	·137	·155	·186	64·5	79·0	130·0	61·5	76·9	9·5	·671
25	·172	·186	·194	·165	·119	·104	·132	·158	·182	64·0	80·0	135·0	62·0	76·9	9·0	·678
26	·172	·202	·214	·148	·115	·107	·123	·157	·171	67·0	81·0	135·5	**58·5**	76·9	9·5	·626
27	·154	·186	·199	·169	·119	·121	·136	·174	·210	67·0	79·5	135·0	65·0	77·0	10·5	·592
28	·187	·212	·228	·184	·160	·136	·139	·182	·196	63·0	78·0	87·0	60·5	76·8	1·5	·687
29	·154	·185	·192	·167	·123	·067	·123	·142	·185	64·0	79·0	130·0	62·0	76·8	4·0	·633
30	·154	·168	·176	·122	·085	·105	·109	·137	·158	66·5	80·0	134·0	64·5	76·8	8·0	·680
31	30·124	30·184	30·204	30·169	30·133	30·156	30·168	30·189	30·194	67·0	81·0	141·0	63·0	76·8	10·5	·615
Mean	30·123	30·155	30·166	30·125	30·084	30·079	30·100	30·129	30·139	65·5	82·0	—	62·8	77·2	258·0	·651

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.		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	74·0	80·0	72·5	80·0	73·0	78·8	72·0	75·0	70·0	76·0	74·0	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	73·2	84·5	72·0	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	74·2	75·8	72·8	77·0	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	81·0	75·0	79·0	73·8	80·0	75·0	79·2	73·6	74·0	70·0	72·6	70·2	70·3	68·0
7	66·5	66·0	70·0	68·2	81·6	74·0	84·0	72·0	81·8	72·2	77·0	72·0	74·0	68·8	72·0	68·0	70·0	67·0
8	68·0	67·0	72·0	70·5	79·0	73·8	81·0	74·6	81·0	74·0	80·5	74·0	74·5	70·0	73·2	70·0	72·4	69·6
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	73·5	69·0	71·2	67·8	70·0	66·8
10	65·0	63·8	72·8	69·6	79·0	72·0	79·0	72·8	80·0	71·8	79·8	71·8	75·0	71·0	73·0	69·0	71·4	68·0
11	65·0	64·0	71·0	68·2	81·0	75·2	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	73·8	79·8	71·5	75·0	69·0	73·5	70·0	71·0	68·4
13	65·4	64·9	75·0	74·0	82·8	76·0	81·0	73·0	80·5	74·5	78·4	74·0	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	71·0	67·0	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	74·8	82·0	74·0	78·4	72·0	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	74·2	81·0	74·0	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	74·0	74·5	69·6	74·0	68·0	73·0	67·6
19	67·0	66·0	75·0	74·0	80·0	73·0	76·5	74·0	70·0	67·0	70·0	66·8	71·0	66·5	72·0	67·0	70·0	67·0
20	71·2	68·0	74·0	70·2	78·5	73·8	77·0	72·0	75·8	72·0	74·5	70·2	72·2	69·0	71·3	68·0	71·2	68·0
21	69·0	68·0	71·8	69·8	72·0	70·2	76·0	74·0	75·0	69·8	74·0	69·0	71·5	68·0	70·2	67·0	69·0	66·8
22	67·0	65·8	75·0	68·2	79·0	67·0	79·0	67·5	80·2	70·4	74·6	67·6	72·5	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	74·0	78·5	74·0	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	74·9	79·0	74·0	79·0	74·0	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	79·2	74·0	80·2	70·0	78·0	74·0	74·0	68·0	72·0	68·0	71·0	67·0
27	67·8	67·0	73·0	74·0	79·0	69·0	79·0	70·0	78·8	68·8	77·5	69·0	73·0	67·0	69·0	64·5	68·0	64·0
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	69·0	72·0	68·2	71·0	67·5
30	68·0	67·0	71·0	70·0	79·5	72·8	78·0	72·0	76·2	74·0	74·5	71·0	72·0	69·0	72·0	68·8	71·0	67·2
31	67·5	65·6	74·0	70·0	79·8	70·5	80·0	71·0	80·0	71·0	78·0	69·2	73·5	68·0	72·0	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	69·1	72·3	68·4	71·0	67·7

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

JANUARY 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	SE	1	—	—	—	—	—	—	—	—	Cum.	5	E	1	Cum.	6	E	2	Cum.	8	E	3
2	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	2	—	—	Cum.	4	E	2	Cum.	8	E	2
3	—	0	—	—	—	—	—	—	—	—	—	—	—	0	—	—	Cum.	5	E	2	Cum.	8	E	1
4	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	7	E	2	Cum.	6	E	2	Cum.	6	E	1
5	—	—	—	—	Cir.-c.	3	S	0·5	—	—	—	—	C.N.	8	E	2	Cum.	5	E	2	Cum.	2	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	1	C.N.	9	E	2	C.N.	8	E	2
7	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	5	E	2	Cum.	7	E	4	Cum.	3	—	—
8	—	—	—	—	Cir.-c.	2	NW	0·3	—	—	—	—	C.N.	9	E	3	Cum.	4	E	4	Cum.	3	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	2	Cum.	6	E	3	Cum.	4	E	2
10	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	5	E	1	Cum.	5	E	3	Cum.	8	SSE	3
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	2	—	—	Cum.	5	E	1	Cum.	8	ESE	2
12	Cir.-c.	3	E	0·3	Cir.-c.	3	ESE	0·5	—	—	—	—	Cum.-s.	3	E	3	Cum.	5	E	3	Cum.	6	E	2
13	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	4	E	3	Cum.	7	SSE	3	Cum.	5	SE	2
14	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	3	C.N.	9	E	3	Cum.	2	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	9	E	2	Cum.	6	E	2	Cum.	3	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	7	NE	2	Cum.	2	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	ENE	1	Cum.	3	E	2	Cum.	1	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	E	2	Cum.	5	ESE	2	Cum.	9	NE	2
19	—	—	—	—	—	—	—	—	—	—	—	—	C.S.N.	10	NNE	3	Nim.	10	NE	3	—	10	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	7	NE	4	Nim.	10	—	—	C.N.	9	NE	3
21	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	10	E	2	Nim.	10	E	4	Cum.	9	E	2
22	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	5	NE	2	Cum.	8	E	3	C.N.	8	E	3
23	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	E	2	C.N.	8	E	3	C.N.	9	E	2
24	—	—	—	—	Cir.-c.	4	SSE	0·5	—	—	—	—	C.N.	8	E	4	Cum.	5	E	3	Cum.	5	E	2
25	—	—	—	—	Cir.-c.	3	SE	1	—	—	—	—	C.N.	9	E	2	Cum.	5	E	1	Cum.	5	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	E	2	Cum.	6	E	3	Cum.	5	E	2
27	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	3	Cum.	4	E	3	Cum.	3	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	NE	2	Nim.	10	—	—	Cum.	5	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	8	E	3	Cum.	7	E	2
30	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	ENE	3	Cum.	7	E	3	Cum.	9	E	3
31	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	9	E	3	Cum.	6	E	4	Cum.	6	E	2
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	6·5	—	—	—	6·5	—	—	—	5·9	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	Calm 0	E by S 2	ESE 3	E 2	Calm 0	151	—	☽. Fine with ∞ *a*. Very fine *p*.
2	Calm 0	SE 1	E 1	E 1	Calm 0	105	—	☽² *n*. Very fine day, with ∞.
3	Calm 0	Calm 0	E 1	Calm 0	Calm 0	72	—	☽ *n*. Fine day, with ∞.
4	W 1	Calm 0	E 2	Calm 0	Calm 0	69	—	☽ *n*. ≋ 6*a*. Fine, with ∞.
5	Calm 0	WSW 1	SE 1	NE 1	Calm 0	63	·09	● showers from E. *a*. Fine *p*.
6	W 1	WSW 1	Calm 0	E 1	Calm 0	91	—	≋ *a*. Fine, with ∞, till noon, then ● showers.
7	Calm 0	SE 1	E 2	E 1	Calm 0	86	·10	● showers *a*. Fine *p*., with ∞.
8	W 1	W 1	E 3	Calm 0	Calm 0	110	·04	● showers *a*. Ugly appearance in NE. noon. Fine *p*. ∞².
9	Calm 0	W 1	ESE 2	ENE 1	ENE 1	102	—	● showers in S. 6*a*. Day fine, with ∞.
10	Calm 0	ESE 1	E 3	E 1	ENE 1	90	—	☽² *n*. Day fine, with ∞.
11	Calm 0	ESE 1	E 3	ENE 1	Calm 0	110	—	☽ *a*. ≋ *a*. Fine day, with ∞. Ugly appearance in SW. 6*p*.
12	W 1	W 1	E 2	E 1	Calm 0	70	—	≋² over the hills *a*. Day fine, with ∞. Ugly in SW. 6*p*.
13	Calm 0	ESE 3	ESE 3	ENE 1	Calm 0	145	—	☽ *n*. Fine day, with ∞. ● showers 6*p*.
14	E 1	E 3	ESE 3	Calm 0	Calm 0	210	·11	● *n*. ● showers in NE. 6*a*. Fine, with ∞ 8*a*.—2*p*., then ● in E.
15	W 1	WSW 1	ESE 3	E 2	Calm 0	110	·04	● *n*. ● in W. 6*a*. Fine, with ∞², from 8*a*.
16	W 1	SSW 1	ESE 3	Calm 0	Calm 0	70	—	☽ *n*. ≋ 6*a*. Day fine, with ∞.
17	NW 1	W 1	ESE 2	E 1	Calm 0	210	—	☽ *n*. Day fine, with ∞.
18	W 1	S 1	ESE 2	NE 1	Calm 0	140	—	☽ *n*. Day very fine. ∞ from 4*p*.
19	W 1	NNW 0·5	NE 3	NE 2	NE 3	108	·09	Clouds low 6*a*. Dull *a*. Very squally *p*, with ●² showers.
20	NE 2	E 2	ENE 3	E 1	Calm 0	188	·84	Ugly look in E. 6*a*. ● showers all day.
21	NE 1	ESE 1	E 2	E 1	Calm 0	154	·58	●² showers 6*a*., clouds low. Steady ● from 8*a*.
22	NE 1	E 2	E 3	NE 2	NNE 3	125	·10	● showers 6*a*., and from 8*p*. Day fine, with ∞. Squally *p*.
23	W 1	E 3	ESE 5	ENE 1	N 2	190	·15	Ugly in SW. 6*a*. ≋ to S. 8*a*. Day fine, with ∞². Gusty 10*p*.
24	Calm 0	SSE 2	ESE 3	E 1	Calm 0	190	·05	Clouds low and ugly 6*a*. Day fine, with ∞². ● shower from E. noon.
25	W 1	SE 1	ESE 3	E 2	Calm 0	160	·08	● to E. and S. *a*. Clouds low 10*a*., then fine, with ∞.
26	Calm 0	SSE 1	ESE 3	ESE 2	E 1	180	—	≋⁰ (mist) *a*. Day fine, with ∞.
27	W 1	ESE 3	ESE 3	NE 1	Calm 0	200	·04	● *n*. ● showers in S. ≋⁰ (mist) 6*a*. Day fine, with ∞².
28	W 1	NE 1	E 1	E 1	Calm 0	158·5	·11	≋⁰ (mist) on hills. Clouds low. ● showers. Partial ⌒ 9.15*a*.
29	Calm 0	SSE 0·5	ESE 3	Calm 0	ENE 2	77	·04	≋⁰ (mist) on hills. Clouds low. ●⁰ 8*a*. ● showers *a*. and *p*.
30	W 1	ESE 3	ESE 3	E 1	ENE 1	215	·10	● *n*. ≋ *a*. Clouds low. Squally, with ● showers *p*. Partial ⌒ 5.30 *p*.
31	Calm 0	ESE 3	ESE 4	E 2	E 1	210	—	≋⁰ (mist) on hills, ● in S. 6*a*. Day fine, with ∞².
Mean	0·6	1·4	2·5	1·0	0·5	134·2	2·56	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

FEBRUARY 1887.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·191	30·224	30·252	30·206	30·161	30·179	30·189	30·218	30·194	68·0	80·0	130·5	62·0	76·8	10·5	·655
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	117·0	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	·236	·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	60·0	76·1	9·5	·541
10	·212	·234	·258	·198	·155	·161	·174	·197	·221	63·0	82·0	130·0	61·5	76·0	10·0	·823
11	·176	·205	·225	·179	·152	·146	·186	·209	·194	62·0	80·0	110·0	59·0	76·0	4·0	·533
12	·202	·249	·244	·215	·151	·128	·159	·179	·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	66·0	80·0	135·5	**56·5**	75·8	7·0	·630
17	·063	·090	·100	·023	29·994	·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	·169	·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	61·5	76·2	4·0	·576
22	·217	·257	·281	·231	·195	·176	·149	·216	·199	63·0	81·0	132·0	60·0	76·2	8·0	·655
23	·242	·274	·281	·222	·187	·186	·205	·215	·222	63·0	**83·0**	134·0	60·5	76·2	10·0	·515
24	·205	·240	·250	·222	·174	·156	·183	·218	·237	61·5	82·0	135·0	59·0	76·2	11·0	·646
25	·205	·240	·231	·208	·162	·164	·189	·237	·232	**60·0**	82·0	137·0	58·0	76·2	9·5	·646
26	·220	·266	·274	·244	·169	·172	·184	·214	·233	60·5	80·0	130·5	58·0	76·2	11·0	·609
27	·217	·244	·228	·190	·131	·126	·176	·219	·228	62·0	80·0	137·0	59·5	76·2	9·5	·598
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	76·3	10·5	·641
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

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.		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	71·0	80·0	70·0	75·9	68·0	71·2	66·0	69·2	65·3	68·6	65·0
2	64·0	63·0	70·5	68·2	78·4	70·3	77·4	70·0	79·0	72·0	78·2	68·8	71·5	68·0	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	73·2	79·0	71·5	75·4	69·4	74·0	68·5	70·0	68·0	70·0	68·0	69·0	67·5
5	70·0	66·7	76·0	68·0	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	70·0	66·0	76·0	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	69·0	65·2	77·8	69·0	78·0	69·0	78·5	71·8	76·0	70·5	75·4	68·0	72·5	68·6	69·0	66·0	67·6	65·0
8	65·0	64·5	71·0	69·0	80·0	70·0	80·5	69·0	79·0	69·0	77·0	68·5	73·0	67·0	72·0	66·5	71·0	66·8
9	64·0	63·5	73·0	67·2	78·2	68·2	79·0	68·5	78·5	67·2	75·0	66·8	72·0	67·0	71·0	65·0	69·6	64·5
10	64·4	64·0	68·4	67·4	72·0	70·0	77·4	75·0	80·0	70·8	74·5	67·0	71·5	66·0	70·0	65·0	69·0	64·5
11	62·4	64·4	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	65·5
12	61·0	60·0	67·0	66·0	75·0	74·8	71·0	69·0	76·8	70·5	77·0	69·8	72·0	66·8	71·0	66·0	69·0	65·0
13	65·0	64·0	70·0	68·0	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	65·4
14	65·5	63·5	76·0	70·5	76·0	69·2	74·0	70·0	75·0	69·8	75·0	69·0	69·8	66·8	69·8	66·0	68·6	65·4
15	67·0	65·0	71·0	68·5	77·4	69·5	75·5	69·0	73·0	68·0	74·2	68·0	70·2	65·5	69·0	65·0	67·8	64·6
16	61·5	61·0	67·8	65·8	78·0	69·5	75·9	71·0	78·0	74·8	75·5	70·0	72·5	67·4	70·0	66·5	68·5	64·6
17	65·0	64·2	72·0	69·0	77·0	74·0	81·9	74·0	82·0	72·0	77·0	74·0	74·0	69·5	71·5	68·0	70·0	67·5
18	64·0	62·2	72·0	68·8	78·8	72·0	82·2	70·8	81·0	69·2	78·9	69·9	73·2	68·2	71·0	69·0	70·0	68·4
19	63·0	62·0	71·8	69·0	79·0	72·0	78·2	71·0	79·2	71·0	77·5	72·0	73·2	68·5	69·5	66·0	68·0	65·2
20	67·0	65·5	73·0	68·0	80·2	65·0	77·0	69·0	75·5	69·0	75·0	66·0	71·5	69·0	67·8	62·8	66·4	63·0
21	64·4	63·4	72·0	68·5	81·0	74·5	77·0	68·8	76·0	69·0	78·0	69·5	74·2	66·2	69·5	66·5	68·4	66·0
22	64·0	63·5	70·5	67·5	79·0	73·0	77·2	71·0	79·0	72·0	77·8	70·0	73·0	67·2	70·5	65·5	69·0	64·2
23	64·0	63·0	68·5	66·2	80·0	78·0	77·4	70·0	78·0	70·0	76·0	67·0	71·5	65·2	70·0	63·2	69·4	65·2
24	62·0	61·2	69·0	67·6	79·0	74·8	79·0	74·5	79·0	73·0	78·5	73·0	72·0	65·5	68·8	64·8	67·0	63·4
25	61·0	60·0	68·0	65·0	80·0	72·0	79·0	74·5	78·2	74·0	75·0	68·8	71·0	65·5	69·0	65·5	67·5	64·0
26	61·5	60·0	72·0	67·5	74·5	67·5	78·5	70·3	79·0	68·5	77·0	68·0	72·0	64·6	71·0	64·5	70·0	65·0
27	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	68·0	71·4	67·2
28	65·0	64·0	74·8	70·0	78·5	72·0	80·0	74·8	81·0	68·0	79·0	68·2	74·0	65·0	70·0	65·0	69·0	64·2
Mean	65·0	63·5	72·0	68·5	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	65·5

Thermometers, 4 feet above ground. Rain-gauge 1 foot above ground.—SANCHEZ, San Domingo.

FEBRUARY 1887.

Day.	Upper Clouds. 6 a.m. Form.	Amt.	Dirn.	Vel.	2 p.m. Form.	Amt.	Dirn.	Vel.	10 p.m. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 a.m. Form.	Amt.	Dirn.	Vel.	2 p.m. Form.	Amt.	Dirn.	Vel.	10 p.m. 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	2
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	—	5	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	7	E	2	C.N.	10	E	2	—	5	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	7	E	2	C.N.	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.	2	—	—
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. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						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	—	≋⁰ (mist) on swamp and hills *a*. Day fine, with ∞². Overcast 8*p*.
3	W 1	ENE 2	E 2	ENE 1	E 1	130	·06	≋⁰ (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. 6*a*. ⌒ 8*a*. Day overcast, with ∞ ● showers.
5	ENE 2	ENE 2	E 1	ENE 2	ENE 2	155	—	Day fine, with ∞ and passing ● showers. Complete ⌒ 4*p*.
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 ⌒ 7*p*.
8	W 1	E 2	ENE 2	NNE 2	NE 2	123	·14	≋² over swamp 6*a*. Fine day, with ∞. Gusty at 8*p*.
9	W 1	E 2	NE 2	NE 1	NNE 2	125	—	≋⁰ (mist) over swamp 6*a*. Overcast *a*., with ∞. Fine *p*.
10	Calm 0	Calm 0	E 2	ENE 2	NE 1	137	·06	≋⁰ (mist) 6*a*. Dull and overcast, with low clouds *a*. Fine *p*.
11	N 1	ENE 2	E 2	ENE 1	Calm 0	139	·02	☂ *n*. ≋² on swamp 6*a*. Day dull and overcast.
12	Calm 0	Calm 0	E 2	ENE 2	Calm 0	117	·04	☂ *n*. ≋² on swamp and hills 6*a*. Dull and overcast. Very fine from 4*p*.
13	Calm 0	SSE 1	ESE 3	Calm 0	Calm 0	139	—	☂ *n*. ≋ on swamp 6*a*. Day very fine, with ∞.
14	W 0·5	NE 2	E 1	N 1	Calm 0	111	—	≋⁰ (mist) on swamp 6*a*. Fine, with ∞, till 10*a*., then dull and overcast.
15	Calm 0	ESE 3	ESE 2	Calm 0	Calm 0	112	·14	≋⁰ (mist) on swamp and hills 6*a*. Day dull and overcast, low clouds. Very fine 6*p*.
16	Calm 0	SE 1	ESE 3	E 1	ENE 1	110	—	☂ *n*. ≋ on swamp 6*a*. Dull and overcast. Red sunset. ⌒ 5.15*p*.
17	Calm 0	SSE 1	ESE 2	E 1	Calm 0	150	—	☂ *n*. ∞ *a*. Day very fine.
18	Calm 0	SSE 1	ESE 2	ENE 1	Calm 0	110	—	☂ *n*. ≋² (mist) on swamp 6*a*. Day very fine.
19	Calm 0	SEbyS 1	ESE 3	Calm 0	Calm 0	115	—	≋³ on swamp 6*a*.—8*a*. Fine day, with ∞.
20	Calm 0	ESE 1	E 2	NNE 1	NE 1	140	—	Fine, with ∞, till 10*a*., and from 4*p*. 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	—	☂ *n*. Fine 6*a*. Dull 8*a*.—noon. Fine from 2*p*. ∞ all day.
24	W 1	S 1	ESE 3	ENE 1	Calm 0	234	—	☂ *n*. Fine most of day, with ∞.
25	WNW 1	SSW 1	ESE 3	E 1	Calm 0	163	—	☂ *n*. Dull *a*. Fine *p*. ∞ all day.
26	Calm 0	Calm 0	ESE 3	ENE 1	Calm 0	155	—	☂⁰ *n*. Fine most of day, with ∞.
27	Calm 0	ESE 2	ESE 3	E 2	Calm 0	155	—	☂ *n*. Fine all day, with ∞.
28	Calm 0	SE 1	E 2	E 1	Calm 0	315	—	Dull 6*a*. ≋⁰ (mist) on N. hills 8*a*. Day fine, with ∞.
Mean	0·6	1·4	2·4	1·1	0·5	151·4	1·23	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above mean Sea Level, 50 feet.

MARCH 1887.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·167	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	10·0	·584
2	·128	·175	·176	·160	·138	·142	·162	·186	·202	67·0	78·5	122·0	65·0	76·6	9·5	·539
3	·162	·203	·198	·176	·129	·130	·139	·205	·215	66·0	80·0	107·0	62·5	76·7	9·0	·491
4	·182	·214	·212	·190	·144	·150	·167	·192	·197	62·5	81·0	143·0	59·5	76·5	10·0	·477
5	·210	·247	·262	·213	·176	·181	·194	·235	·214	62·5	80·0	137·0	60·0	76·7	5·0	·482
6	·214	·250	·234	·223	·101	·189	·216	·236	·220	61·5	80·0	136·0	60·0	76·7	6·5	·512
7	·211	·251	·244	·202	·166	·159	·176	·197	·211	60·0	80·0	140·0	58·0	76·6	6·0	·592
8	·174	·204	·226	·169	·122	·128	·152	·165	·176	65·0	79·0	137·0	60·0	76·5	10·5	·545
9	·173	·196	·213	·173	·123	·128	·168	·188	·212	60·5	82·0	146·0	58·0	76·6	10·5	·639
10	·153	·185	·180	·130	30·074	30·032	30·042	·077	·067	60·0	80·0	137·0	56·5	76·6	11·0	·539
11	·033	·069	·072	·020	29·947	29·938	29·969	·009	·030	61·5	84·0	138·0	57·5	76·6	10·5	·566
12	·008	·049	·052	·013	29·990	·974	30·000	·061	·088	63·0	88·0	144·0	59·5	76·7	10·0	·562
13	·007	·076	·106	·044	30·000	·992	30·017	·044	·046	65·5	85·0	144·0	65·5	77·0	7·5	·558
14	30·036	·053	·039	30·013	29·960	·944	29·955	30·002	·037	68·0	82·0	133·0	67·5	77·1	9·0	·648
15	29·999	·016	30·011	29·970	·908	·910	·938	29·992	30·031	71·0	87·0	142·0	69·0	77·5	10·5	·622
16	·986	30·008	29·999	·962	·894	·889	·932	·961	29·983	67·0	87·0	139·5	65·0	77·9	8·0	·633
17	·949	29·972	·983	·946	·901	·844	·890	·910	·923	67·5	89·0	145·0	66·5	78·1	10·5	·701
18	·916	·948	29·948	·933	·870	·852	·890	·890	·961	70·0	87·0	127·0	70·0	78·3	6·0	·741
19	29·954	29·995	30·003	29·988	29·924	29·936	29·971	29·999	29·998	68·0	84·0	—	66·5	78·2	1·5	·648
20	30·009	30·048	30·069	30·046	30·009	30·000	30·020	30·055	30·062	67·5	84·0	—	66·5	78·0	8·0	·639
21	·081	·108	·127	·119	·073	·033	·057	·090	·117	71·5	80·0	—	70·5	78·0	10·0	·592
22	·104	·122	·145	·101	·047	·042	·074	·107	·119	66·0	82·0	—	65·0	78·0	9·5	·744
23	·104	·129	·132	·128	·043	·034	·041	·072	·097	68·0	83·0	—	65·0	78·0	10·5	·680
24	·104	·150	·155	·124	·064	·034	·056	·082	·099	67·0	87·0	—	65·0	78·2	11·5	·657
25	·098	·186	·139	·114	·068	·018	·051	·073	·099	66·0	83·0	—	64·0	78·4	11·0	·689
26	·089	·109	·122	·102	·063	·030	·074	·109	·121	68·0	83·0	—	66·0	78·8	11·0	·689
27	·127	·139	·136	·119	·082	·056	·089	·098	·119	66·5	82·0	—	65·0	78·8	11·5	·721
28	·086	·103	·129	·117	·043	·018	·029	·087	·099	68·0	82·5	—	65·0	79·0	10·5	·701
29	·080	·121	·121	·104	·035	·018	·027	·058	·085	68·5	83·0	—	67·0	79·0	10·0	·708
30	·088	·109	·117	·114	·054	·038	·049	·083	·082	69·5	83·0	—	66·0	79·0	10·5	·628
31	30·090	30·098	30·113	30·070	30·041	30·017	30·032	30·079	30·077	65·0	82·0	—	62·5	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	—	63·7	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.		10 p.m.	
	Dry.	Wet.	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	76·5	78·2	69·8	77·0	69·0	73·0	68·0	71·0	68·0	70·0	67·5
2	69·2	66·2	78·5	79·0	76·5	67·0	75·2	67·0	75·0	65·5	74·0	64·0	69·2	65·0	68·0	63·0	67·4	62·0
3	66·0	60·0	75·2	64·0	76·5	64·2	76·8	66·0	80·0	67·0	76·2	64·8	72·5	64·8	67·8	65·8	67·0	65·2
4	63·0	62·0	73·0	68·2	76·8	68·6	78·0	66·0	78·8	68·5	76·0	66·0	72·0	65·8	71·0	66·0	70·0	65·6
5	63·4	62·4	74·0	68·4	79·0	67·5	77·5	66·0	77·8	69·0	73·7	67·8	70·0	65·0	69·8	66·2	68·0	65·4
6	63·8	62·8	71·0	67·8	74·0	69·8	77·5	67·0	76·5	70·0	77·0	66·0	70·8	64·8	68·0	64·0	67·0	63·5
7	60·5	59·5	69·0	66·0	75·0	69·0	78·0	69·7	77·5	69·0	77·0	68·9	70·8	65·2	70·0	65·0	69·0	64·6
8	65·0	62·2	75·0	66·8	78·4	68·4	78·0	68·2	78·0	69·9	77·8	67·0	71·0	65·8	69·0	64·2	68·0	65·4
9	61·2	60·2	70·0	66·5	73·2	70·0	78·2	74·0	78·0	70·0	75·5	68·0	70·0	65·0	67·2	68·0	67·5	62·4
10	61·0	60·0	73·0	67·0	77·6	67·4	79·2	68·5	77·5	67·5	76·0	66·0	70·0	64·5	68·5	62·0	67·0	62·6
11	61·8	60·2	72·0	67·2	77·7	68·0	82·0	70·4	81·5	70·4	77·0	69·0	72·2	67·5	70·8	65·8	69·0	64·6
12	63·0	62·0	74·4	68·8	83·2	71·8	86·8	71·9	86·0	71·2	75·8	68·5	74·0	68·0	73·0	68·0	72·0	67·2
13	67·0	65·0	75·0	70·0	81·0	73·0	83·0	70·5	80·0	72·0	77·9	71·0	75·0	68·2	72·5	68·0	70·0	67·4
14	69·2	68·2	76·5	72·0	76·0	70·2	78·0	71·2	80·0	73·0	75·8	74·2	73·0	70·0	72·0	68·0	71·0	67·5
15	73·5	68·5	79·0	71·0	82·5	72·5	85·0	73·0	86·0	74·5	82·9	72·0	77·0	70·0	74·0	70·8	73·4	70·0
16	68·0	67·0	79·0	72·5	82·0	72·9	84·0	75·0	85·0	74·0	80·2	72·6	74·2	69·5	73·0	70·6	71·3	70·0
17	69·0	68·0	75·2	72·5	81·2	74·0	84·0	74·8	87·0	73·0	84·8	75·0	81·5	72·8	79·0	73·0	75·5	73·0
18	71·8	70·8	73·6	72·0	84·0	75·8	82·0	75·0	79·2	73·0	71·2	69·7	71·0	70·0	70·8	69·8	70·2	69·0
19	69·0	68·0	72·0	70·3	76·3	73·3	79·8	74·8	83·5	72·0	76·2	72·2	72·0	70·0	72·0	71·0	72·0	74·0
20	69·8	68·2	70·0	68·5	80·5	74·0	83·5	75·0	82·0	73·5	79·0	70·0	75·0	69·0	74·0	69·4	73·0	69·0
21	72·8	68·8	74·0	68·5	76·8	70·8	79·0	70·0	79·0	72·0	77·5	70·2	73·0	69·0	72·0	68·0	72·0	68·0
22	67·5	66·5	72·0	70·0	79·0	74·8	82·3	74·4	81·2	73·5	78·2	73·8	76·0	72·2	74·2	70·5	75·0	72·0
23	68·0	67·0	76·0	72·5	79·5	74·2	81·2	73·2	82·0	72·0	81·0	73·0	75·4	70·0	77·0	70·0	74·0	70·0
24	67·8	67·0	76·0	71·8	79·0	72·2	83·5	73·5	87·0	74·0	82·0	75·0	76·0	72·0	74·0	70·0	73·0	69·0
25	67·2	66·2	78·5	74·0	81·3	74·6	83·0	73·0	82·0	72·5	81·0	73·0	76·0	70·0	73·5	69·0	74·0	70·6
26	70·0	68·0	73·0	70·0	80·0	74·2	81·0	73·4	82·0	74·0	80·9	74·0	78·0	70·2	75·0	74·0	75·0	71·0
27	69·0	68·0	72·0	69·5	80·5	74·5	80·8	74·0	81·4	74·0	80·2	73·0	76·0	70·0	74·0	70·0	74·0	70·0
28	72·0	69·0	74·5	71·0	76·5	72·0	81·0	74·0	81·2	72·4	79·2	72·0	77·5	70·4	72·0	70·6	73·0	71·2
29	70·0	69·0	76·2	72·5	79·0	70·0	81·5	74·0	81·0	74·0	79·9	71·9	76·0	71·0	74·5	70·0	74·0	71·0
30	72·0	70·0	76·0	72·0	82·0	75·0	79·0	71·0	83·0	76·0	80·0	72·0	76·0	71·0	73·0	69·0	71·2	68·2
31	68·0	67·0	72·0	69·6	80·0	74·0	80·5	71·9	80·6	73·0	79·0	72·0	76·4	69·5	72·0	67·0	71·0	67·0
Mean	67·2	65·5	74·1	69·6	78·8	71·4	80·5	71·4	80·5	71·5	78·1	70·5	73·8	68·5	72·0	68·0	71·1	67·2

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

MARCH 1887.

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

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	W 1	NW 1	NNE 1	NNE 2	NNE 2	240	—	☽ *n.* Overcast most of day. ⌒ *3p.*
2	NNE 1	NNE 2	NNE 2	NNE 1	Calm 0	175	·18	● *n.* ⌒ *8a.* Overcast most of day, with ● showers. Squally.
3	NNE 1	E 2	ENE 1	NE 1	Calm 0	140	—	Dull and overcast most of day.
4	Calm 0	E 0·5	NNE 2	NE 1	NE 1	135	—	Very fine day. Complete ⌒ *5p.* Overcast from *8p.*
5	W 1	NEbyN 2	NNE 2	NNE 1	Calm 0	143	·04	☽ *n.* Fine *a.* Overcast *p.*, with ●⁰ showers.
6	W 1	E 2	E 3	ENE 1	Calm 0	146	·05	≋⁰ (mist) *6a.—8a.* Squally ● showers. ∞ *p.* Very fine *8p.*
7	W 1	S 1	ESE 3	ENE 1	Calm 0	136	·08	Dark in NE. *6a.* ● in the S. *8a.* Squally ● showers *2p.*, then fine with ∞.
8	Calm 0	ESE 2	ESE 3	NNE 1	Calm 0	176	·06	≋⁰ (mist) on swamp *6a.* Day fine, with ∞. Very pretty sunset.
9	W 1	SSE 1	ESE 3	Calm 0	Calm 0	125	·02	☽² *n.* Dull and overcast till *2p.*, then very fine.
10	W 1	SSE 1	ESE 2	Calm 0	Calm 0	145	—	☽ *n.* ≋⁰ (mist) on swamp *6a.* Day very fine.
11	Calm 0	ESE 1	ESE 3	E 1	Calm 0	120	—	☽⁰ *n.* Day very fine.
12	Calm 0	SbyE 1	N 2	N 3	Calm 0	90	—	☽ *n.* Day very fine.
13	W 1	W 1	N 2	NNE 2	N 2	75	·24	≋² *6a.* Fine, with ∞ *a.* Overcast *p.* ≋⁰ (mist) on N. hills *4p.* Clouds low *6p.*
14	Calm 0	E 1	ESE 2	E 1	NNE 2	115	·13	≋⁰ (mist) on hills *6a.* Dull, with low clouds, till *2p.*, then very fine.
15	SbyE 1	ESE 1	ESE 1	N 2	Calm 0	160	—	Fine till *4p.*, then overcast. [passing overhead from W.—E. *8.30p.—8.50p.*, then ●².
16	Calm 0	Calm 0	ESE 1	Calm 0	Calm 0	80	·02	● *n.* ≋⁰ (mist) *6a.* Very fine *8a.—2p.*, then dull. ☈ ●² in NNW. *5.30p.* ☈
17	W 1	Calm 0	Calm 0	S 2	Calm 0	75	·37	≋ on swamp, clouds low, *6a.* Fine till noon, then overcast. ☈ in W. and NW. *8p.*
18	Calm 0	Calm 0	S 2	Calm 0	Calm 0	100	·30	● *n.* Dull *a.* ☈² ●² in NW. *3p.* At *3.40p.* ●² here "with icicles as large"
19	Calm 0	WbyS 1	NNE 2	Calm 0	Calm 0	100	1·33	≋⁰ (mist) on swamp *6a.* Overcast, dull, and close all day. Distant ⊤ ●² *2p.*
20	W 1	S 1	N 2	NNE 3	—	75	·41	Dull and overcast *a.* Fine, with ∞ *10a.—4p.* Fine and fresh *8p.*
21	ESE 1	Calm 0	ESE 3	ESE 1	E 1	155	—	Dull and overcast *a.*, with ● in the S. Fine, with ∞² *p.*
22	W 1	SW 1	ESE 2	E 2	E 1	160	—	≋ on swamp *6a.* Fine all day, with ∞².
23	W 0·5	SSE 1	ESE 2	ESE 1	W 2	175	—	☽⁰ *n.* ≋⁰ (mist) on swamp *6a.* Day fine, with ∞ till *2p.*, then clear.
24	Calm 0	ESE 1	ESE 1	E 2	E 1	155	—	☽ *n.* Day very fine from *8a.*
25	W 1	SE 1	ESE 3	ENE 1	E 1	149	—	☽⁰ *n.* Very fine day.
26	W 1	ESE 1	ESE 2	E 2	E 1	190	—	≋⁰ (mist) on swamp *6a.* Dull *8a.*, with ● showers in E. Very fine from *10a.*
27	W 1	ESE 1	ESE 2	E 1	E 1	205	—	☽ *n.* ≋² on swamp *6a.* Clouds low on N. hills *10a.* Day fine, with ∞.
28	W 1	ESE 1	EbyS 2	E 1	ENE 1	240	—	≋ on swamp *6a.* Threatening in NE. *10a.* Very fine, with ∞, noon—*4p.* ● in SE.
29	Calm 0	E 2	E 2	E 1	Calm 0	210	·34	● *n.* ● in E. *6a.* Clouds low on N. hills *8a.* Day fine from *10a.* [⌒ *6p.* Ugly *10p.*
30	ENE 1	SbyE 1	ESE 2	ENE 1	Calm 0	180	—	☽ *n.* Very fine all day.
31	W 1	SEbyS 1	E 3	ENE 1	Calm 0	95	—	☽ *n.* ≋ on swamp *6a.* Day very fine.
Mean	0·7	1·0	2·0	1·2	—	144·0	3·57	

* 18th continued,—as hazel nuts," lasting till *4p.* Distant ⊤ in E. *4p.* During the storm the wind went round the compass. A second ☈² ●² passed overhead from NW. *4.30p.—5.15p.*

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

APRIL 1887.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level. 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.	Temperature. Shade. Min.	Max.	Radiation. Solar.	Grass.	Earth.	Sun-shine.	Vapour Tension. Noon.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·080	30·093	30·111	30·088	30·012	29·997	30·112	30·135	30·081	64·0	81·5	—	62·0	79·1	11·5	·582
2	·092	·121	·129	·118	·062	30·038	·107	·111	·113	69·0	86·0	—	65·0	79·1	11·5	·646
3	·130	·185	·180	·123	·100	·073	·113	·136	·168	68·0	87·0	—	62·0	79·2	7·0	·675
4	·157	·183	·169	·124	·083	·070	·082	·119	·139	66·0	82·5	—	63·0	79·5	10·5	·675
5	·110	·149	·154	·142	·088	·054	·073	·123	·139	64·5	83·0	—	61·5	79·6	4·0	·628
6	·116	·142	·158	·156	·102	·094	·112	·124	·144	65·5	83·0	—	63·5	79·6	7·0	·799
7	·135	·162	·168	·153	·058	·070	·099	·123	·142	62·0	83·0	—	59·5	79·6	10·5	·764
8	·140	·147	·167	·155	·101	30·050	30·053	·074	·096	64·0	83·0	—	60·5	79·5	7·0	·675
9	30·061	·082	·088	30·071	30·000	29·971	29·992	30·010	30·019	65·0	84·0	—	62·0	79·6	8·0	·628
10	29·993	30·009	·013	29·987	29·940	·918	·941	29·977	29·985	71·5	85·0	—	62·0	79·9	6·0	·666
11	29·954	29·982	·032	30·010	29·966	29·952	29·969	30·001	30·048	71·0	89·0	—	69·5	80·0	7·0	·648
12	30·060	30·102	·088	·056	30·020	30·004	30·019	·051	·071	71·0	87·0	—	67·0	80·1	8·0	·664
13	·065	·117	·106	·074	30·012	30·004	30·019	·027	·043	71·5	85·0	—	68·0	80·6	10·0	·713
14	·031	·053	·066	·045	29·995	29·978	29·967	·035	·049	69·0	84·0	—	68·0	80·8	4·0	·744
15	·017	·052	·051	·055	30·025	30·007	30·011	·052	·055	67·0	82·0	—	65·5	80·8	1·0	·716
16	·054	·067	·078	·053	·009	30·013	·007	·036	·044	67·0	80·0	—	65·5	80·6	5·0	·746
17	·048	·045	·061	·049	30·012	29·983	30·004	·041	·066	68·5	83·0	—	65·5	79·5	8·0	·692
18	·045	·080	·082	·058	29·978	29·961	29·999	·032	·047	73·0	83·0	—	70·0	79·7	10·0	·749
19	·081	·111	·119	·088	30·046	30·038	30·072	·089	·125	72·5	84·0	—	69·0	80·0	10·0	·766
20	·098	·131	·142	·128	·066	·038	·061	·085	·105	68·5	84·0	—	66·0	80·1	11·0	·682
21	·088	·117	·129	·102	·077	·046	·068	·085	·136	63·0	84·0	—	61·0	80·1	10·5	·615
22	·071	·120	·149	·134	·085	·070	·082	·097	·102	65·0	82·0	—	62·5	80·1	11·0	·673
23	·099	·115	·130	·117	·081	·039	·061	·096	·105	70·5	81·5	—	67·0	80·2	11·0	·698
24	·108	·114	·107	·088	·046	30·017	·038	·061	·108	68·0	82·0	—	62·0	80·1	11·0	·680
25	·054	·072	·080	·063	·015	29·983	·015	·036	·045	69·0	82·0	—	63·0	80·1	11·5	·611
26	·087	·112	·113	·090	·060	30·040	·049	·107	·131	70·0	83·0	—	66·5	80·1	11·0	·749
27	·127	·145	·142	·114	·062	·038	·042	·079	·102	71·0	83·0	—	67·5	80·3	11·5	·731
28	·093	·123	·125	·035	30·030	30·003	30·017	·055	·046	72·5	84·0	—	67·0	80·6	11·5	·716
29	·040	·079	·068	30·042	29·960	29·937	29·971	30·003	·005	72·0	89·5	—	70·0	80·6	10·5	·706
30	30·005	30·023	30·021	29·988	29·950	29·912	29·940	29·997	30·014	73·0	89·5	—	69·0	80·8	12·0	·736
Mean	30·075	30·101	30·108	30·084	30·035	30·013	30·037	30·067	30·082	68·4	84·0	—	65·0	80·0	268·5	·690

Day.	Dry-bulb and Wet-bulb Thermometers. 6 a.m. Dry.	Wet.	8 a.m. Dry.	Wet.	10 a.m. Dry.	Wet.	Noon. Dry.	Wet.	2 p.m. Dry.	Wet.	4 p.m. Dry.	Wet.	6 p.m. Dry.	Wet.	8 p.m. Dry	Wet.	10 p.m. Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	70·5	68·0	74·5	74·6	78·0	74·8	79·9	70·0	81·3	74·0	77·2	74·0	75·0	70·0	74·0	69·5	75·0	70·5
2	70·0	68·5	77·5	74·2	79·0	72·0	83·0	73·0	82·3	75·0	79·5	72·8	77·0	71·0	76·8	70·0	75·0	69·2
3	74·0	71·5	79·0	74·0	80·0	73·0	81·0	73·0	81·5	74·8	84·7	72·8	77·0	68·0	72·2	67·2	73·0	67·5
4	68·8	67·0	77·5	72·8	80·0	73·0	81·0	73·0	81·0	73·0	80·4	72·4	75·9	69·5	73·0	67·5	72·8	67·0
5	66·4	65·0	69·0	67·0	74·2	70·2	79·0	71·0	80·8	73·7	78·4	72·0	74·0	70·0	70·0	67·0	71·5	67·0
6	69·2	68·0	73·0	70·0	78·0	71·5	78·0	74·8	81·0	72·0	79·8	74·0	74·2	67·8	72·5	67·0	70·0	65·4
7	65·0	63·5	70·0	67·2	76·2	71·0	78·0	74·0	81·0	71·0	79·0	70·2	75·4	67·8	73·0	66·5	72·0	67·0
8	67·0	65·0	73·0	69·0	77·0	71·0	75·5	70·9	78·5	72·0	80·2	70·2	75·0	68·5	72·0	67·2	71·5	67·0
9	67·2	66·0	77·0	71·8	79·0	72·0	81·0	71·8	83·0	70·0	70·0	70·0	76·4	69·8	75·0	69·9	73·0	69·0
10	72·5	68·5	75·2	71·0	78·0	72·0	81·7	73·0	82·0	74·6	80·0	73·0	79·0	72·0	78·0	71·0	77·0	71·0
11	72·0	70·0	75·0	71·0	80·2	72·2	85·0	73·8	85·0	73·0	80·5	73·0	77·5	71·0	79·0	71·0	74·8	70·0
12	71·2	69·0	78·0	72·7	80·0	72·2	84·5	74·0	83·9	74·8	82·0	74·0	78·0	72·0	76·0	72·0	76·0	71·6
13	72·0	69·5	79·2	72·5	81·5	74·0	81·2	73·0	84·5	74·8	79·2	72·2	76·0	67·5	75·0	67·0	75·0	70·6
14	70·0	69·2	75·5	73·0	79·0	74·0	81·0	75·0	81·8	74·0	78·6	72·0	76·0	70·8	74·6	70·5	73·8	70·2
15	68·0	67·0	72·0	71·0	81·0	71·8	74·5	71·5	73·0	71·8	74·6	71·2	73·0	70·0	72·0	69·5	71·2	69·8
16	69·0	67·5	69·8	67·2	76·0	73·0	74·0	72·0	77·5	71·5	77·0	71·0	74·5	70·0	74·0	70·0	74·0	70·0
17	72·0	70·0	75·8	72·5	78·0	73·0	82·5	74·0	82·0	74·0	79·0	74·0	77·8	73·4	76·0	71·0	76·0	71·0
18	75·0	71·5	78·0	74·0	80·0	74·0	81·6	75·0	82·0	76·8	81·0	75·0	77·7	72·0	76·0	72·0	76·0	72·5
19	73·0	71·5	76·5	73·2	80·0	75·0	83·0	76·0	82·0	75·0	80·0	75·0	78·0	74·5	76·0	71·5	74·0	70·5
20	70·0	68·0	76·5	75·0	81·0	76·0	81·6	73·4	83·8	74·0	80·6	74·2	75·0	69·0	73·0	68·0	71·2	67·8
21	64·0	63·0	71·8	68·8	81·0	72·2	82·0	71·8	79·8	71·0	81·0	71·2	75·3	69·0	74·5	68·8	74·0	68·5
22	66·2	65·0	74·0	70·0	78·8	72·0	80·0	72·6	78·8	71·0	81·8	72·0	75·3	69·8	74·0	69·0	73·3	69·2
23	74·0	70·0	76·0	70·0	78·2	69·8	79·0	71·0	81·0	74·0	80·0	69·9	75·0	68·0	71·0	67·0	70·6	66·7
24	69·8	67·0	75·0	70·0	79·4	70·4	80·8	73·0	79·8	72·2	80·0	74·0	75·4	69·8	73·0	68·5	73·0	68·0
25	72·0	68·8	78·0	70·0	79·8	71·2	79·8	70·8	81·0	73·0	78·5	72·4	76·8	70·0	74·0	69·0	73·0	69·0
26	72·2	70·2	77·0	73·0	80·0	73·6	81·5	75·0	83·0	75·0	81·3	74·8	79·5	72·2	76·4	70·8	75·2	70·7
27	72·2	70·0	75·0	72·0	80·0	74·0	81·5	74·6	81·5	74·5	80·0	74·0	78·0	72·2	75·0	72·0	75·0	70·0
28	73·0	69·4	76·0	73·0	80·2	74·2	81·0	74·0	82·2	75·0	81·0	74·2	79·2	70·8	76·0	71·8	76·0	74·8
29	73·0	72·0	79·0	74·8	81·0	73·5	83·8	74·8	83·0	75·6	81·8	76·2	78·8	74·0	77·0	73·0	75·0	72·5
30	74·0	72·0	78·5	74·0	81·5	73·0	85·0	76·0	87·2	75·2	82·5	74·6	80·0	72·4	75·0	71·0	73·5	70·6
Mean	70·4	68·4	75·4	71·4	79·2	72·6	80·7	73·2	81·5	73·4	80·0	72·6	76·5	70·4	74·5	69·5	73·7	69·4

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

APRIL 1887.

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

Day.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.
1	Cum.-s.	8	SE	3	Cum.	5	SE	2	Cum.	3	—	—
2	Cum.-s.	2	—	0	Cum.	6	SE	1	Cum.	8	W	1
3	Cum.	4	E	5	Cum.	5	E	2	Cum.	4	—	—
4	Cum.	7	E	2	Cum.	4	E	3	Cum.	9	W	1
5	Cum.-s.	5	E	1	Cum.-s.	8	E	3	Cum.	3	—	—
6	C.N.	9	NE	2	Cum.	4	E	2	Cum.	2	—	—
7	Cum.-s.	6	E	3	Cum.	8	E	1	Cum.	3	—	—
8	Cum.-s.	3	E	1	Cum.	4	E	3	Cum.	4	—	—
9	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	Cum.-s.	10	S	1	Cum.	6	SW	1	Cum.	7	W	2
12	Cum.-s.	5	SE	3	Cum.	8	S	3	Cum.	6	S	1
13	Cum.-s.	5	SE	2	Cum.-s.	5	E	2	Cum.	8	E	2
14	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.	3	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	Cun.	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	1
Mean	—	6·8	—	2·3	—	6·2	—	2·1	—	5·7	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	Calm 0	E 1	ESE 2	ENE 1	E 3	205	—	≋⁰ (mist) on hills 6a. Day very fine. ● shower in SE. 5p. ⌒
2	Calm 0	E 1	ESE 3	E 1	Calm 0	230	—	⚲ n. ≋ on swamp 6a. Very fine day, with ∞ at times. ● in SE. 5p.
3	Calm 0	ESE 2	E 2	E 1	E 1	115	—	⚲⁰ n. Fine, with ∞, till 10a., then overcast and dull till noon. Very fine from 2p.
4	W 1	ESE 2	E 2	ENE 1	E 1	215	—	⚲ n. ≋ on swamp 6a. Dull, with ∞, 8a. Very fine p. ∞² 8p.
5	W 0·5	SE 1	ESE 2	E 1	Calm 0	175	—	⚲ n. Day dull and overcast, with ≋⁰ on N. hills, and ●⁰ showers.
6	NW 1	E 2	ESE 2	ENE 1	Calm 0	120	—	≋⁰ on swamp 6a. ● showers in ESE. a. Day fine, with ∞ till 2p.
7	W 1	ESE 1	E 2	E 1	Calm 0	130	—	⚲ n. ≋ on swamp 6a. Dull and overcast a. Very fine and clear p.
8	Calm 0	S 1	E 0·5	ENE 0·5	Calm 0	135	—	⚲ n. Very fine till 10a. Dull and heavy till 4p., then very fine.
9	W 1	ESE 1	ESE 2	ENE 1	N 1	105	—	⚲ n. Very fine till 4p., then dull and overcast.
10	E 1	Calm 0	E 2	ESE 1	S 1	185	—	Dull and overcast most of day.
11	Calm 0	E 1	Calm 0	E 2	Calm 0	155	—	≋⁰ (mist) on N. hills a. Dull, with local ● showers in S. 2p., then fine.
12	E 1	ESE 1	E 2	ESE 1	E 1	175	—	⚲ n. Fine day, with ∞. ● showers in ESE. 6p.
13	ENE 1	E 1	ESE 2	Calm 0	E 1	200	—	⚲ n. Fine all day. Local ● showers in S. 2p. ⟨ in NW. 10p.
14	Calm 0	Calm 0	NbyE 1	E 1	Calm 0	140	·22	●² n. ≋⁰ (mist) on swamp a. Dull and overcast 10a.—2p., then fine.
15	W 1	N 1	Calm 0	E 1	Calm 0	115	·09	≋² to S. and W. 6a. Dull and overcast all day, with ● showers. ⟨ in W. 10p.
16	Calm 0	E 3	E 2	E 1	E 1	115	1·94	● n. Dull and overcast a. Squall, with ● from E., ↑ in NNE. 10a. Fine p.
17	Calm 0	E 2	ESE 2	E 2	Calm 0	135	—	Fine all day, with ∞. ● showers in S. at noon.
18	EbyN 1	E 2	E 3	E 2	E 2	255	—	Fine day, with ∞. Local ● showers in S. 6p.
19	E 1	E 2	E 2	E 2	E 1	300	—	≋⁰ (mist) on N. hills a. Day fine, with ∞.
20	Calm 0	E 1	E 2	E 2	Calm 0	205	—	⚲ n. ≋² (mist) on swamp 6a. Fine, with ∞ a. Very fine from 2p.
21	W 1	sebyE 1	NE 1	N 1	N 2	160	—	⚲ n. ≋² (mist) on swamp 6a. Ugly in NE. 10a. Day fine, with ∞. Very close and dull 2p.
22	W 1	S 1	E 2	N 1	Calm 0	140	—	⚲ n. ≋⁰ (mist) on swamp 6a. Dull most of day. ∞
23	E 1	NE 1	E 2	NE 2	Calm 0	150	·09	● n. ∞ a. Fine most of day.
24	W 1	E 2	ESE 3	E 1	Calm 0	150	·01	Very fine till noon. Dull and overcast 2p. and 6p.
25	W 1	ESE 3	ESE 3	E 1	S 1	235	—	Fine all day. ∞
26	Calm 0	ESE 2	ESE 2	SSE 1	S 1	255	—	Ugly in N. 6a. Fine, with ∞, till 4p. Overcast 6p., with ●² in S.
27	W 1	E 2	E 3	E 1	Calm 0	200	—	Day fine, but sometimes dull. ∞ p.
28	E 1	E 2	E 3	E 1	Calm 0	240	—	Fine most of day.
29	ENE 1	E 1	E 3	E 1	Calm 0	220	1·05	●² n. ≋⁰ (mist) on N. hills 6a. Fine day. ● showers in S. 2p.
30	E 1	E 1	E 2	E 1	Calm 0	120	—	≋⁰ (mist) on N. hills 6a. Very fine most of day.
Mean	0·6	1·4	2·0	1·2	0·6	175·3	3·40	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

MAY 1887.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins	ins.	°	°	°	°	°	hours.	ins.
1	30·015	30·022	30·030	30·004	29·950	29·962	29·995	30·009	30·057	70·5	89·0	—	67·5	81·0	8·0	·630
2	·082	·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	·655
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	·069	·089	·110	·091	30·044	30·020	·014	·082	·116	67·0	83·5	—	65·0	80·9	10·5	·733
7	·123	·139	·136	·120	·070	·052	·076	·129	·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	—	65·0	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	29·908	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	·958	·978	·961	·923	·927	·940	·968	30·002	69·0	80·0	—	68·0	79·2	0·0	·687
17	·965	·985	·981	·966	·935	·923	·960	·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	29·952	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	·020	30·053	75·0	88·0	—	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	·865
28	30·017	·023	·027	29·998	30·002	·979	30·000	·019	30·018	72·0	89·0	—	69·0	81·1	3·0	·756
29	·007	·022	·015	30·001	29·988	·973	29·975	·007	·031	69·5	84·0	—	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.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	72·2	70·8	77·0	78·6	82·0	74·5	87·0	74·0	86·5	76·5	81·6	75·0	78·8	73·0	75·0	71·0	72·0	69·5
2	71·0	69·0	74·0	70·5	81·8	78·0	82·0	71·5	82·2	75·0	81·0	71·5	78·5	72·0	75·5	70·0	72·5	69·4
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	69·5	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	83·0	74·0	78·2	72·0	73·0	69·0	70·0	69·0	70·0	69·0
5	66·0	65·2	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	70·0	69·0
6	68·0	67·0	74·0	72·0	80·2	75·4	82·5	76·0	82·0	75·0	80·0	72·0	77·9	72·2	74·0	71·0	73·2	70·0
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	71·0	73·0	70·0
8	72·0	69·6	78·2	69·0	80·0	74·5	81·9	73·0	81·0	73·0	80·0	71·0	77·0	70·2	75·0	69·8	74·0	69·7
9	68·2	66·2	75·0	70·2	78·2	71·4	81·6	71·0	80·0	71·2	80·0	70·0	76·0	69·2	72·2	68·0	73·0	68·2
10	68·2	66·6	75·0	70·5	81·5	73·8	82·0	73·5	81·2	72·4	79·0	71·0	76·5	70·2	75·8	70·0	73·0	69·0
11	75·0	71·2	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	71·0	73·0	70·6
12	72·0	70·0	76·0	73·2	79·8	73·4	80·0	73·5	80·0	74·6	76·0	73·0	73·2	70·8	73·5	71·2	73·0	71·5
13	73·0	72·0	77·0	74·0	80·0	74·5	82·0	74·0	82·0	75·8	78·8	74·8	77·0	73·0	75·8	73·0	75·0	73·0
14	75·0	72·0	77·0	73·8	81·8	75·0	85·0	75·6	86·0	75·8	81·8	73·0	79·5	75·0	78·0	73·0	77·5	73·0
15	76·0	73·2	78·2	74·0	83·4	76·8	87·0	78·0	81·0	76·0	75·0	73·8	71·4	71·0	71·4	71·0	71·4	71·0
16	71·5	71·0	73·5	71·8	77·5	73·0	75·0	71·0	78·0	72·0	73·0	70·2	72·0	71·0	72·0	71·0	72·0	71·0
17	72·0	71·0	76·2	73·0	79·0	75·0	80·0	73·6	82·0	74·0	79·0	73·5	76·0	72·2	75·5	72·0	74·2	72·0
18	74·0	73·2	74·2	73·6	73·0	72·5	72·0	71·5	73·5	73·0	73·5	72·5	73·0	72·0	73·8	72·5	73·5	72·5
19	76·0	74·0	77·0	74·8	82·0	77·0	85·0	77·5	86·0	77·8	82·5	76·5	81·0	75·0	80·0	75·5	79·0	75·6
20	77·0	74·5	82·0	76·4	85·5	77·8	89·0	80·0	92·0	81·0	81·0	76·0	78·0	72·0	77·8	75·6	78·0	75·8
21	73·0	76·0	80·0	77·0	84·0	76·0	87·5	79·8	82·5	78·0	81·0	77·5	79·0	76·0	77·2	74·8	77·0	74·5
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	76·0	74·0
23	74·0	73·0	80·0	77·0	81·0	77·0	81·7	77·0	82·0	76·8	81·8	76·8	79·0	74·8	77·0	74·0	76·0	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	78·0	76·0
25	75·5	74·0	80·0	76·2	81·0	76·0	86·8	78·0	85·8	75·5	82·0	75·0	81·0	75·0	80·0	75·9	78·5	74·5
26	76·0	74·0	80·8	75·8	83·0	76·8	87·0	77·0	84·2	74·8	82·0	77·8	80·0	75·0	79·0	74·8	78·5	75·0
27	77·0	73·0	81·0	77·0	81·5	77·0	82·0	77·8	75·8	72·4	77·0	76·0	75·7	73·5	74·0	73·0	74·0	73·0
28	73·0	71·0	77·0	74·6	81·5	76·0	86·5	77·0	76·0	74·0	75·0	73·0	75·8	74·0	74·0	73·2	73·0	74·2
29	75·0	72·0	77·0	74·0	81·0	76·2	83·0	76·0	79·0	75·0	79·0	73·0	77·0	73·0	75·5	72·8	73·8	72·0
30	72·8	72·0	77·0	75·0	81·2	75·5	83·2	76·6	83·2	75·2	81·5	77·0	79·5	74·5	77·0	72·5	75·0	72·2
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	75·0	73·0
Mean	73·1	71·4	76·9	73·5	80·6	75·0	82·6	76·3	81·9	75·1	79·1	73·9	76·8	72·8	75·1	72·2	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	—	—	—	—	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	—	—

Day.	Wind.						Rain-fall.	Remarks.
	Direction and Force.					Vel.		
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
						miles.	ins.	
1	W 1	ESE 1	ESE 2	SbyE 2	Calm 0	130	—	≈⁰ (mist) on N. hills 6a. Fine, with ∞, till 2p. Ugly, with distant T, in S. 4p.
2	W 1	SEbyE 1	E 2	E 1	Calm 0	150	—	Very fine a. Ugly in N. 10a. ● shower 1p. Ugly, with ≺, in S. 6p. Fine and mild 8p.
3	W 1	ESE 3	ENE 2	WNW 1	Calm 0	120	·22	● n. Fine 8a. Dull day. T in SW. noon. ↗ ● T in ESE. 2p. Clouds low, 6p.
4	W 1	S 1	NNE 2	E 1	Calm 0	105	·18	Distant T in SW. a. and p. ⚢ in ENE. 4p. ⚢ ● in W. 6p. ⚢ ●² overhead 8p. ⋃ 10p.
5	NNW 1	S 1	N 2	NNW 0·5	Calm 0	80	·14	● n. ≈⁰ (mist) 6a. Fine 8a.—2p. Squall from E., ●² in S., distant T, 4p.
6	WbyN 1	SE 1	NE 1	ENE 1	Calm 0	205	·15	⊃ n. ≈⁰ (mist) on swamp 6a. Fine day. Ugly in N. at noon.
7	W 1	E 2	ESE 2	E 1	Calm 0	125	·02	≈² (mist) on swamp and N. hills a. ● showers 10a. Very fine p.
8	W 1	E 2	E 2	NNE 2	NNE 1	175	—	⊃ n. Very fine day.
9	W 1	SSE 1	ESE 2	E 1	ENE 0·5	165	—	⊃ n. Day fine, with ∞, though dull at times.
10	W 1	SSE 1	ESE 3	NE 2	Calm 0	140	—	⊃ n. Day fine, with ∞.
11	E 1	E 2	ESE 2	ESE 1	Calm 0	125	·01	≈⁰ (mist) on swamp 6a. Day dull and overcast, with ● showers. [●
12	NNE 1	ESE 2	ESE 4	E 1	Calm 0	180	·43	● 6a. ≈⁰ (mist) on hills 8a. Fine, with ∞, 10a.—noon. Dull and overcast from 4p.
13	W 1	E 2	ESE 2	ENE 2	Calm 0	200	·60	● a. ≈⁰ (mist) on N. hills 8a. Fine, with ∞, 10a.—4p. ● in W. 6p. Dark and [raw 8p.
14	E 1	E 2	ESE 2	E 1	Calm 0	205	—	Fine all day, with ∞².
15	Calm 0	S 0·5	NNE 2	E 1	Calm 0	83	—	Dull and close, with ∞, a. T in S. 1p. ● from 2.35p. ⚢² ●² 4p.—5.30p.
16	Calm 0	S 1	NNE 1	WNW 1	Calm 0	70	5·50	● all n. ≈⁰ (mist) on hills a. ●⁰ 8a. Dull day, with low clouds and ●⁰.
17	Calm 0	S 1	ESE 1	NNE 1	Calm 0	50	·28	≈⁰ (mist) on hills a. Very dull and close. ● showers in S.
18	Calm 0	Calm 0	ENE 1	E 1	ENE 1	95	1·66	● all day.
19	E 2	SSE 2	SSE 3	SE 1	Calm 0	205	·26	≈⁰ (mist) on hills a. Very ugly in N. and E. 6a. Dull at 8a., then fine till 4p.
20	Calm 0	SE 1	ESE 1	Calm 0	Calm 0	140	—	≈⁰ (mist) 6a. Very fine 8a.—2p. ⚢ ● in W. passing to E. 2.15p.—4.40p. ≺ in E. 8p.
21	Calm 0	SSE 1	W 1	E 1	Calm 0	45	·06	● n. ≈⁰ (mist) on hills a. Day dull. T in W. passing to E. 0.30p.—2p. Distant T in [N. 4p.
22	Calm 0	ESE 1	ESE 2	NE 1	Calm 0	130	·09	≈⁰ (mist) on swamp, ● in S., a. Dull most of day. Muggy at noon.
23	Calm 0	SE 0·5	E 2	NNE 2	Calm 0	55	·11	● n. ≈⁰ (mist) on swamp and hills a. Dull till 4p., then fine, with ≺ in SW.
24	Calm 0	ESE 1	ESE 2	E 1	S 1	75	—	⊃ n. ≈⁰ (mist) on swamp and hills a. Very fine till noon. T ● in S. and E. 2p.
25	ESE 1	ESE 2	ESE 2	NNE 1	E 1	155	—	≈⁰ (mist) on hills a. Fine till noon, then overcast, with ∞. [≺ in ENE. 8p.
26	E 1	ESE 2	ESE 2	E 1	Calm 0	195	—	Fine all day, with ∞².
27	E 1	ESE 2	ENE 1	NNE 1	Calm 0	170	—	⊃ n. ∞² a. ● in S. a. T in W. a. and p. Day overcast and dull.
28	W 1	ESE 1	SbyW 1	Calm 0	Calm 0	145	·01	⊃ n. ≈⁰ (mist) a. Fine, with ∞², till noon. T in S. 11a.—1p. ⚢² ●² overhead 2p.
29	W 1	ESE 1	ESE 2	ENE 1	Calm 0	85	·19	⊃ n. Fine, with ∞², a. Dull p. Very dark, with T in SW., 1p.
30	W 0·5	E 2	ESE 3	ESE 2	E 1	125	—	⊃ n. Fine, with ∞, a. ● in S., T noon. Ugly in S. p. Fine, with ∞, from 6p.
31	ENE 1	E 2	ESE 5	E 2	Calm 0	175	·57	●² ⚢ 6a. ≈⁰ (mist) on hills 8a. T ● in S. noon and 2p. Close and dull 4p. [●⁰ 6p. ⚢² ●² 6.10p.—6.50p.
Mean	0·7	1·4	2·0	1·1	0·2	132·4	10·28	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

JUNE 1887.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
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	3·0	·810
2	·112	·116	·112	·089	·069	·069	·057	·085	·085	74·0	85·0	—	71·0	81·1	2·0	·751
3	·040	·082	·112	·079	·040	·037	·028	·063	·070	71·5	85·0	—	70·5	80·6	6·5	·766
4	·037	·050	·053	·038	·004	30·006	·004	·035	·037	72·0	83·0	—	70·5	80·5	2·0	·779
5	·052	·070	·060	·050	·010	29·995	·023	·053	·069	68·5	85·0	—	67·0	79·8	5·5	·812
6	·035	·069	·082	·054	·030	30·046	·062	·060	·077	72·5	87·0	—	71·5	80·0	3·0	·772
7	·056	·067	·072	·065	30·026	30·022	30·036	·033	·044	72·0	85·0	—	70·0	80·1	6·0	·818
8	·026	·026	·044	·030	29·979	29·975	29·993	30·020	·027	72·0	86·0	—	71·0	80·3	4·0	·897
9	·033	·001	·007	·002	29·959	29·977	29·976	29·982	·012	71·5	83·0	—	70·5	80·5	5·5	·796
10	·032	·039	·054	·070	30·026	30·006	30·023	30·029	·044	71·5	85·0	—	70·0	80·5	9·0	·785
11	·032	·058	·066	·087	30·063	30·023	30·031	·032	·035	71·0	83·0	—	70·5	80·5	5·0	·721
12	·035	·028	·038	30·002	29·971	29·954	29·968	30·023	30·029	70·5	89·0	—	68·5	80·5	6·0	·779
13	30·019	30·020	30·010	29·978	·960	·926	·947	29·973	29·967	75·0	86·0	—	72·5	80·5	5·0	·799
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	30·007	29·986	29·960	29·989	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	29·965	29·954	29·976	74·5	88·0	—	72·0	81·4	10·0	·764
18	·035	·040	·052	·020	29·982	29·960	·965	29·990	30·023	72·5	87·0	—	71·0	81·8	12·0	·692
19	·029	·023	·028	·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	82·0	1·5	·863
21	·039	·049	·072	·075	·037	30·022	30·022	·015	·040	70·0	76·0	—	69·5	81·1	0·0	·718
22	·003	·030	·028	·032	30·001	29·993	29·989	·023	·033	70·0	85·0	—	68·5	80·7	4·0	·837
23	·023	·034	·050	·027	29·976	29·993	30·003	·045	·067	70·5	85·0	—	68·5	80·4	11·5	·751
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	194·5	·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.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	75·5	73·0	80·0	77·0	80·0	75·0	80·0	76·8	83·0	76·6	82·0	74·0	79·0	74·2	77·0	73·0	76·5	72·8
2	77·0	72·0	81·0	73·8	83·0	76·0	84·0	76·0	75·5	72·5	77·2	75·0	74·5	72·5	76·0	72·5	75·0	71·0
3	74·5	72·5	77·5	75·0	81·0	76·0	83·0	76·0	81·0	76·0	82·0	76·0	79·0	73·0	76·0	72·0	76·0	72·0
4	76·0	74·0	77·2	75·2	79·8	73·5	81·8	75·8	82·0	75·8	75·0	72·0	75·2	74·0	74·2	73·5	74·0	73·2
5	74·0	72·0	76·0	73·0	81·0	75·5	83·0	77·0	84·0	77·0	81·0	76·2	78·5	74·5	77·0	74·0	77·0	74·0
6	75·0	74·0	79·0	76·5	82·0	76·0	85·5	77·0	82·0	76·0	79·0	76·0	79·0	77·0	79·0	76·5	76·0	75·0
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	74·2	77·3	75·0	77·0	73·0
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	81·0	76·0	77·6	75·8	76·0	75·0
9	75·0	73·5	78·0	75·0	83·0	77·0	86·0	77·8	89·0	79·0	73·5	72·5	74·5	72·0	74·0	72·5	75·5	73·5
10	76·7	75·0	78·6	76·0	81·5	77·0	82·0	76·0	85·0	75·0	83·5	76·0	79·0	73·5	76·0	72·0	76·0	71·5
11	77·0	74·0	80·0	76·0	82·0	76·5	73·0	74·0	78·0	72·0	79·0	73·6	76·0	71·2	77·0	72·0	74·0	71·0
12	75·0	73·0	81·0	76·8	82·2	76·8	85·0	77·0	87·8	77·0	85·0	77·5	80·6	74·8	78·0	73·0	76·0	73·0
13	76·0	74·0	79·5	74·8	82·0	75·5	83·2	76·8	78·5	74·4	81·8	74·8	81·0	75·5	77·0	74·5	76·0	74·0
14	77·0	74·5	79·5	75·6	82·0	76·0	82·4	76·8	85·0	78·0	87·0	76·8	84·0	75·0	81·0	76·0	80·0	76·0
15	77·0	75·0	80·0	76·0	84·0	77·0	85·0	76·8	84·0	76·0	80·0	77·0	83·0	76·0	81·8	76·0	80·0	77·0
16	77·0	75·0	80·0	76·0	83·0	76·0	86·0	77·0	84·0	78·0	80·0	75·5	80·0	74·0	78·0	75·0	77·5	75·0
17	78·0	75·5	80·2	77·4	85·0	76·0	86·0	77·0	87·0	79·0	83·0	77·2	82·0	75·2	79·0	75·0	78·0	74·5
18	75·0	73·5	80·4	77·8	82·6	74·8	84·8	74·8	85·5	77·0	84·0	76·0	82·5	75·0	79·0	73·0	78·0	74·0
19	76·0	74·0	79·5	76·2	82·4	76·8	84·8	75·0	84·0	78·0	83·5	76·2	79·0	74·0	77·0	73·0	79·0	75·0
20	75·0	73·8	77·0	75·5	80·0	73·0	82·2	77·8	82·0	77·0	76·2	73·5	78·0	76·8	73·0	72·0	72·5	72·0
21	72·0	73·8	73·0	72·8	74·9	73·8	75·0	74·8	73·0	72·0	74·0	72·5	73·2	72·0	73·0	71·2	73·0	70·8
22	72·5	71·0	77·0	74·0	82·0	77·4	82·0	77·2	75·8	70·8	80·0	74·0	76·0	74·0	74·0	73·0	73·0	72·0
23	73·0	72·0	78·0	76·0	81·0	76·4	84·0	76·0	84·8	76·0	82·0	76·8	76·8	74·8	77·0	74·0	75·5	73·0
24	76·0	73·0	78·0	73·0	81·8	77·8	83·0	77·0	84·2	77·8	84·0	73·0	81·0	75·8	78·0	73·8	75·0	73·0
25	75·6	75·0	78·9	76·0	74·2	73·0	84·0	77·2	81·0	75·0	78·0	73·0	76·0	74·0	75·0	73·5	74·5	73·0
26	75·0	73·5	78·0	75·0	80·4	76·0	82·0	76·0	77·2	73·5	79·0	75·0	79·0	74·0	75·0	73·2	72·5	71·2
27	69·5	69·0	77·0	75·0	81·5	78·0	83·8	76·8	82·4	76·6	81·0	76·0	78·7	73·5	76·0	73·5	76·0	74·0
28	77·0	73·0	76·0	73·2	78·5	74·0	83·0	76·8	84·5	77·0	81·5	76·6	80·0	74·8	76·5	74·5	76·0	74·0
29	76·0	74·0	80·0	76·0	82·0	76·4	84·0	77·0	86·5	79·0	83·0	77·0	81·4	75·2	78·0	74·0	77·0	72·8
30	76·2	74·2	77·5	75·0	80·0	75·6	85·0	76·0	79·4	75·0	80·0	74·6	79·0	73·0	76·0	72·4	76·0	70·0
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	76·0	72·2

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, San Domingo.

JUNE 1887.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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	1
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	E	2	Cum.	2	—	—
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	6·5	—	—	—	7·8	—	—	—	7·1	—	—

Day	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	W 1	E 1	ESE 3	E 1	E 1	155	·76	⚳ ● *n.* Dull and overcast *a.* Distant T *p.*, with ∞ and ● showers. ⌒ 5.40*p.*
2	E 2	E 2	NNE 2	E 1	E 2	215	·40	Fine at first, then dull, with ∞². ● *p.* [● showers.
3	E 1	E 2	ESE 2	E 1	Calm 0	105	·60	● *n.* ≋⁰ (mist) on swamp 6*a.* ⌒ 7*a.* Fine from 10*a.*, with ∞ and occasional
4	W 1	E 2	ESE 3	NNE 1	Calm 0	235	·41	● showers *a.* Fine 10*a.*—2*p.* Very dark in S., with T 3*p.* ⚳ ● 10*p.*
5	Calm 0	E 1	ESE 2	E 2	Calm 0	175	1·67	●² *n.* ≋⁰ (mist) on hills *a.* Fine till 2*p.*, then overcast and dull. T in NW. 7*p.*
6	Calm 0	ESE 1	SSE 1	Calm 0	Calm 0	150	·17	≋⁰ (mist) on hills and swamp 6*a.* Fine, with ∞, till noon. T ● in W. 2*p.* Ugly.
7	W 1	ESE 2	ESE 3	ENE 1	E 0·5	145	—	⚳ *n.* ≋ on swamp and S. hills 6*a.* Day fine, with ∞². Dull and ugly 8*p.*
8	W 1	SbyE 1	NbyE 2	NNE 1	Calm 0	135	·02	⚳ *n.* ≋ on swamp and S. hills 6*a.* T ●² shower 11*a.* Dull and overcast *p.*
9	W 1	E 1	E 1	Calm 0	Calm 0	100	—	⚳ *n.* Very fine *a.* Ugly in SE. 2*p.* Distant ⚳. ⚳ ●² from SE. 3*p.*
10	E 1	E 2	S 2	SbyW 1	Calm 0	165	·90	≋⁰ (mist) on N. hills *a.* Day fine for the most part, with ∞. Ugly in S. and W.
11	E 2	S 2	SbyE 1	E 1	Calm 0	140	·34	≋⁰ (mist) on N. hills *a.* ●² from S. 10*a.* Day dull and overcast.
12	W 1	E 2	SSE 2	ENE 1	Calm 0	200	—	Fine for the most part, with ∞². Partial ⌒ 5*p.*
13	E 1	ESE 2	ENE 0·5	ESE 2	Calm 0	230	—	≋⁰ (mist) on N. hills *a.* ∞² all day. Ugly in E. noon. T in S. 1*p.* < in E. 8*p.*
14	E 2	ESE 2	ESE 2	SbyW 2	SW 3	185	—	≋⁰ (mist) on N. hills *a.* Day fine, with ∞. [ESE. 2*p.* T in SE., passing to NW.
15	ESE 2	E 2	Calm 0	E 2	SW 2	285	—	≋⁰ (mist) on N. hills *a.* Fine, with ∞, till noon. Squall of wind and ● from
16	E 2	E 2	E 2	E 1	Calm 0	235	·14	≋⁰ (mist) on N. hills 6*a.* Day fine, with ∞, but ⚳ ● in S. 2*p.*, and in W. 4*p.*
17	Calm 0	E 1	E 2	E 2	Calm 0	175	—	⚳ *n.* ≋⁰ (mist) on swamp 6*a.* Fine day, but T ● in S. 2*p.* [< in E. 8*p.*
18	W 1	E 2	ESE 2	E 2	Calm 0	165	—	⚳² *n.* ≋⁰ (mist) on swamp and N. hills 6*a.* Day very fine.
19	Calm 0	E 2	E 3	Calm 0	E 1	140	—	≋⁰ (mist) on N. hills *a.* Fine day.
20	W 1	Calm 0	E 1	S 1	Calm 0	225	·85	● in S. *a.* Very muggy 10*a.* ●² *p.*
21	Calm 0	S 1	Calm 0	E 1	E 1	90	2·50	● till 4*p.* Very dull and ugly at 6*p.*, with ≋⁰ (mist) on N. hills.
22	Calm 0	E 2	NE 1	SE 0·5	Calm 0	145	·66	Very fine till 10*a.* Squall of wind and ● with ⚳² from S. at noon. Dull and ugly *p.*
23	W 0·5	E 2	E 3	E 0·5	Calm 0	105	·32	≋⁰ (mist) over valleys 6*a.* Fine till 2*p.*, then ugly in SSW. and dull. T 2.15*p.* ⌒ 4*p.*
24	W 1	E 2	ESE 3	E 2	Calm 0	175	—	≋⁰ (mist) on swamp and hills *a.* Day fine, with ∞, till 6*p.*, then ● from S. ⚳ ●²
25	Calm 0	NE 0·5	E 1	E 1	Calm 0	230	1·15	● ⚳ *a.* Dull and overcast, with ≋⁰ (mist) on hills *p.* ⚳ ● 10*p.* [in S. 8*p.*
26	W 1	ESE 1	E 0·5	ENE 1	Calm 0	80	·06	● *n.* ≋⁰ (mist) on swamp 6*a.* Fine *a.* Dull and overcast *p.*, with ● T.
27	W 1	SbyW 1	ESE 2	Calm 0	Calm 0	100	·13	● *n.* ≋⁰ (mist) on swamp and hills *a.* T noon. Dull and overcast *p.*, with ● in S.
28	E 3	E 2	ESE 1	E 2	Calm 0	140	—	≋⁰ (mist) on N. hills 6*a.* Distant T in S. 1*p.*, then fine.
29	E 1	E 2	ESE 3	E 2	Calm 0	140	—	≋⁰ (mist) on N. hills *a.* Day fine, with ∞².
30	W 1	SE 2	E 1	E 1	Calm 0	185	—	Fine *a.* Overcast noon—2*p.*, with ●² shower 1*p.* Very fine from 8*p.*
Mean	1·0	2·6	1·7	1·1	3·5	165·0	11·08	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

JULY 1887.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level. 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.	Temperature. Shade. Min.	Max.	Radiation. Solar.	Grass.	Earth.	Sunshine.	Vapour Tension. Noon.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	30·065	30·076	30·080	30·054	30·048	30·012	30·028	30·064	30·071	70·0	85·0	131·0	69·5	80·7	11·0	·756
2	·071	·052	·065	·068	·028	·038	·029	·057	·059	70·0	85·0	122·0	69·5	80·8	6·0	·801
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	·098	·109	·114	72·0	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	154·5	70·0	81·1	9·5	·854
15	·111	·125	·129	·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	·070	·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	·079	·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	·816
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	·709
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	274·5	·810

Day.	Dry-Bulb and Wet-Bulb Thermometers. 6 a.m. Dry.	Wet.	8 a.m. Dry.	Wet.	10 a.m. Dry.	Wet.	Noon. Dry.	Wet.	2 p.m. Dry.	Wet.	4 p.m. Dry.	Wet.	6 p.m. Dry.	Wet.	8 p.m. Dry.	Wet.	10 p.m. Dry.	Wet.
1	72·0	74·0	78·0	75·0	82·5	76·0	83·8	76·0	83·0	77·0	83·0	75·0	80·2	74·2	77·0	73·5	75·0	72·0
2	76·0	73·5	79·0	75·0	81·5	77·0	81·5	76·2	84·0	76·5	79·8	74·0	75·5	73·8	73·3	72·2	73·0	72·0
3	73·0	74·5	78·0	75·0	82·0	77·8	84·2	77·2	85·5	77·0	85·2	76·5	80·0	74·2	78·0	73·2	76·8	72·8
4	74·0	73·0	77·0	74·0	81·0	75·5	85·0	76·0	84·4	77·6	84·0	75·0	81·0	75·0	79·0	74·0	77·0	74·0
5	74·0	73·2	75·2	74·2	79·8	77·2	81·0	76·0	82·8	77·2	81·0	75·0	78·2	73·8	78·2	73·8	77·5	73·5
6	75·0	74·0	78·0	76·8	81·8	76·2	83·0	75·6	84·0	75·0	83·0	74·0	80·0	74·0	78·0	73·5	77·6	73·6
7	76·0	74·0	76·0	75·5	82·0	77·0	84·2	77·0	82·2	77·0	81·0	75·0	79·5	75·0	78·0	74·2	78·0	74·2
8	75·0	75·0	81·0	76·0	81·8	76·8	83·8	76·8	84·6	78·0	83·0	76·5	81·4	75·4	78·6	74·8	77·0	75·0
9	77·5	76·0	82·8	77·0	74·0	73·0	76·0	75·0	77·0	76·0	81·0	77·6	80·2	78·0	77·0	75·0	76·0	75·0
10	75·0	73·4	79·0	76·0	81·5	78·0	84·0	78·6	80·0	75·0	84·0	77·8	81·8	77·8	77·0	75·0	77·0	74·0
11	74·8	74·0	79·0	77·0	81·8	76·8	84·0	77·0	86·0	78·0	85·0	77·0	83·0	77·0	79·0	74·0	78·0	76·2
12	77·6	76·0	81·0	77·0	83·6	76·8	86·0	77·0	86·0	77·0	85·0	77·0	84·0	77·8	80·0	75·0	78·0	75·0
13	75·0	73·8	80·0	76·5	80·2	75·6	77·0	75·0	86·0	78·2	77·0	75·0	78·5	74·2	76·5	73·0	74·2	72·0
14	77·0	74·0	80·0	76·0	82·4	77·6	84·2	78·4	85·0	78·0	85·0	76·0	80·0	75·0	77·0	76·0	77·0	75·0
15	74·0	73·0	79·0	76·0	82·0	78·0	83·6	78·0	84·5	77·5	74·8	73·0	76·8	75·0	75·5	74·5	75·2	74·2
16	74·0	73·0	77·0	75·2	83·5	77·5	84·8	77·8	85·0	77·0	85·0	77·0	80·0	74·8	78·0	74·5	77·0	74·5
17	75·0	74·0	78·0	75·0	83·0	77·0	85·8	78·8	86·2	78·0	85·0	76·0	84·0	77·0	79·0	75·0	77·0	73·5
18	73·5	72·0	77·2	75·0	83·0	76·0	79·5	77·0	83·0	77·0	87·0	79·0	82·2	75·0	78·5	74·2	78·0	74·0
19	74·0	73·0	77·5	75·0	83·0	76·2	84·0	77·0	86·0	77·5	83·0	76·0	82·0	75·5	78·0	74·0	79·0	74·5
20	76·0	73·5	82·0	77·0	86·8	78·8	86·0	79·8	87·0	78·5	87·0	78·0	82·5	76·8	80·0	76·0	79·0	75·0
21	78·0	74·0	82·0	76·5	83·0	78·0	80·5	77·0	82·8	76·2	74·0	73·0	76·0	74·0	74·8	73·0	76·0	73·5
22	75·0	73·0	79·0	75·0	81·2	76·0	84·2	76·8	74·0	73·0	73·5	73·8	74·0	73·0	72·0	71·5	72·0	71·5
23	75·0	73·5	78·0	75·5	82·0	76·5	85·2	76·0	82·2	76·0	85·0	76·2	82·0	76·0	81·0	76·0	77·0	75·0
24	76·5	74·4	81·0	77·0	82·4	77·0	84·0	77·0	83·5	77·0	83·0	76·0	77·0	74·5	75·0	74·0	75·0	74·0
25	74·0	73·0	79·0	77·0	82·5	78·5	84·0	77·0	86·5	78·0	80·0	76·0	79·0	75·0	75·0	73·5	74·0	72·8
26	73·0	72·0	77·5	75·0	81·0	76·2	80·0	75·0	79·6	72·8	81·0	73·0	79·0	75·0	76·8	72·8	74·0	72·4
27	73·0	72·0	76·0	72·0	82·0	76·2	84·0	77·0	85·0	77·0	83·0	76·8	80·0	75·0	78·0	74·0	78·0	74·0
28	71·5	74·0	79·0	75·2	82·0	76·4	84·5	77·5	87·0	78·8	85·0	76·0	82·0	76·0	79·0	74·8	78·5	73·0
29	72·5	74·8	78·5	75·0	84·0	78·5	87·0	78·5	87·0	79·0	83·0	77·0	82·0	76·8	79·0	76·0	78·5	76·0
30	75·0	74·0	78·0	76·0	85·0	79·8	86·0	79·0	85·0	78·2	84·0	76·0	81·5	77·0	79·5	76·0	80·0	73·0
31	76·0	74·5	83·0	78·0	87·0	78·0	88·2	78·6	86·0	78·5	84·0	78·0	82·0	77·0	77·0	74·0	74·0	74·0
Mean	74·8	73·4	78·9	76·7	82·2	77·0	83·5	77·1	85·9	77·0	82·4	75·0	80·2	75·4	77·5	74·2	76·0	73·5

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.				
											miles.	ins.	
1	W	1	ESE	2	ESE	2	NE	2	E	1	105	·45	☂² n. Fine, with ∞ a. Very fine p. [passing SW. to NE. Dull 6p. ≋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 ☈
3	W	1	ESE	2	ESE	2	E	1	Calm	0	74	—	≋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. ≋⁰ (mist) on swamp and hills a. Dull and muggy 10a. ☈ in S. 10a.—2p.
6	W	1	E	3	ESE	3	E	2	E	1	154	·15	≋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. ⌒ 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. [☈ in SE. 8p.
9	W	1	E	2	Calm	0	N	1	Calm	0	170	·70	● showers a. T in E., ●² 10a., then ☈ in NE. ● till 2p. Dull, with ∞, 6p.
10	W	1	E	2	NE	1	Calm	0	Calm	0	75	·09	≋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	≋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	—	≋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. ☈ ●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	≋⁰ 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	☂ n. ≋⁰ (mist) 6a. Close and sultry a. T² ●² in S. and SW. p. ≋⁰ (mist) on
16	W	1	ESE	2	ESE	3	E	1	Calm	0	100	—	☂ n. ≋⁰ (mist) on swamp. Day fine, but with ∞. [swamp and hills p.
17	W	1	ESE	1	ESE	2	E	2	Calm	0	190	—	≋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	≋ 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	—	≋⁰ (mist) on swamp 6a. Day very fine. ⟨ in W. 10p.
20	W	1	ESE	3	ESE	3	NNE	3	NE	2	160	—	☂ n. ≋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 ☈ 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. ≋⁰ (mist) on hills.
23	Calm	0	E	2	E	1	E	1	Calm	0	180	·50	Dull a. Short ☈² right overhead 0.30p. and 2.30p. Fine from 4p. ⟨ in E. 10p.
24	W	1	E	2	E	2	NE	1	Calm	0	180	—	≋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	≋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	—	☂² n. ≋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	—	☂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	—	☂ a. Very fine day. A few peals of T 1p.
29	Calm	0	ESE	1	ESE	3	E	1	Calm	0	130	—	☂ n. Very fine a. Distant ☈ 2p., with ● in S. ⟨ 8p.
30	W	1	ESE	1	ESE	3	E	1	E	1	150	—	☂² n. ≋⁰ (mist) on hills and swamp a. Fine all day, with ∞ p.
31	E	1	E	3	NE	3	NE	2	Calm	0	192	—	≋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. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	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
2	30·040	·039	·065	·069	30·023	30·030	·038	·068	·087	71·5	86·0	126·0	70·0	81·5	11·5	·863
3	·087	·097	·105	·086	30·062	30·041	30·043	30·076	30·063	71·5	86·0	118·0	71·0	81·8	8·0	·804
4	30·048	30·037	·040	·030	29·971	29·949	29·968	29·970	29·965	70·0	90·0	140·0	68·5	81·9	10·0	·860
5	29·967	29·960	·004	·012	30·003	·975	29·979	30·000	29·982	73·5	80·0	—	73·0	81·8	0·0	·851
6	29·993	30·023	·039	30·038	29·999	·998	30·028	30·018	30·048	72·5	88·0	138·0	70·0	81·5	11·5	·837
7	30·013	29·988	30·000	29·999	·972	·960	29·958	29·976	29·976	73·5	89·0	144·0	72·0	81·7	10·5	·713
8	29·988	·987	29·990	·976	·952	·919	·930	·952	·958	74·0	89·0	144·5	67·5	81·3	12·0	·779
9	·990	·982	·976	·973	·925	·930	·932	·964	29·972	71·5	93·0	145·0	70·5	81·2	11·5	·865
10	·983	·977	·980	·976	·970	·941	·937	·972	30·001	73·0	88·0	142·0	71·5	81·5	6·5	·756
11	·989	·973	·987	·972	·954	·932	·940	·970	29·969	71·5	88·0	135·0	71·0	81·5	12·5	·854
12	29·979	29·977	29·977	29·982	29·942	29·938	29·944	29·966	29·970	72·0	88·0	120·0	70·5	81·8	12·0	·846
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	29·994	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	·893	·884	·896	·920	·981	72·5	92·0	140·0	72·0	82·9	5·0	·837
20	·957	·986	·942	·957	·932	·904	·910	·944	·975	76·0	93·0	147·0	74·0	83·0	11·5	·865
21	·975	·970	·972	·948	·924	·912	·918	·968	·990	77·0	90·0	147·0	74·5	83·1	10·0	·860
22	·932	·977	·962	·952	·907	·892	·902	·942	·946	74·0	90·0	137·0	73·0	83·2	6·0	·687
23	29·975	29·962	29·968	29·948	·924	·920	·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	·952	·973	·973	30·007	30·027	73·0	87·0	142·0	72·0	83·7	10·5	·909
25	·011	29·998	29·988	29·989	·986	29·975	29·994	·021	·037	72·5	89·0	112·0	72·0	83·6	8·0	·793
26	·037	30·020	30·049	30·049	29·995	30·002	30·015	·030	·031	71·0	88·0	140·0	69·5	83·6	5·5	·840
27	·040	·044	·060	·056	30·007	30·011	30·018	30·033	·021	71·5	88·0	143·0	70·5	83·7	6·5	·854
28	·037	·021	·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	·030	·927	·932	·968	29·988	71·5	90·0	142·0	69·5	83·6	7·0	·854
30	29·959	29·968	29·982	·955	·932	·914	·919	·923	·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.		10 p.m.	
	Dry.	Wet.	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	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	81·0	76·8	78·0	74·5	77·5	74·0
3	75·5	74·0	79·0	75·0	82·8	76·5	83·5	77·0	82·4	74·8	78·0	74·0	78·0	74·0	77·0	74·2	76·0	73·4
4	74·2	73·5	76·0	74·0	80·2	78·8	83·0	78·0	86·0	76·0	86·0	78·0	80·2	76·2	78·5	76·0	78·0	75·4
5	76·0	74·5	77·0	75·0	77·8	75·0	77·0	75·5	78·0	76·8	77·0	76·0	77·5	76·0	78·0	76·0	78·0	76·8
6	73·5	72·5	76·8	73·0	84·0	79·0	84·2	78·0	86·2	77·0	86·0	76·0	82·8	76·0	80·5	76·0	78·5	74·6
7	75·0	74·0	79·0	77·0	85·5	79·0	86·5	76·0	87·0	77·0	81·8	76·4	78·0	73·4	78·0	73·8	77·4	73·0
8	74·0	72·6	77·0	74·0	83·5	78·0	85·0	77·0	87·0	78·0	84·0	77·0	81·0	76·0	79·0	74·5	77·5	73·0
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	79·0	75·6
10	76·2	74·5	78·0	76·0	82·0	79·0	85·9	76·8	82·5	76·5	76·5	72·5	79·0	77·0	75·5	74·5	75·0	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	76·0	78·0	74·0	77·4	74·0
12	76·0	74·2	80·0	75·8	83·2	78·0	83·2	77·8	84·0	76·6	84·5	76·5	83·0	76·0	79·0	74·0	77·6	73·5
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	76·0	73·0	77·0	74·0	83·0	76·0	86·6	78·5	87·0	78·0	88·5	80·0	82·0	76·0	80·0	75·0	80·0	76·0
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	77·0	82·0	76·0
20	77·0	73·0	81·8	77·0	83·0	78·0	88·0	80·0	90·8	80·0	86·0	78·0	84·8	76·8	81·0	77·0	80·0	77·0
21	78·0	73·5	81·2	77·8	84·0	78·0	87·0	79·5	86·0	79·5	83·0	77·0	80·0	76·0	80·0	77·0	79·5	76·2
22	77·4	76·0	80·0	77·5	84·0	78·0	85·0	74·8	87·4	78·0	88·0	75·5	82·2	75·4	79·0	76·0	79·0	75·6
23	76·2	73·0	80·2	76·0	83·0	77·0	84·8	77·6	85·0	76·0	85·0	78·0	82·0	76·6	79·0	74·8	76·0	73·0
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	77·0	75·0	75·0	73·8
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	74·0	77·5	74·0
26	75·4	73·0	80·0	76·4	83·5	77·8	84·0	78·0	85·4	78·8	84·2	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	76·6	80·0	75·0	76·0	74·5	75·0	73·8	74·0	73·0
28	74·8	73·0	78·0	76·4	85·2	80·0	85·0	73·0	87·4	77·8	85·0	77·8	83·0	77·0	79·0	74·0	78·0	75·0
29	74·6	73·0	80·0	76·9	85·2	79·6	86·0	79·0	86·7	77·0	84·8	78·0	82·8	78·6	79·0	76·0	77·0	74·6
30	76·0	75·0	80·0	77·2	85·0	79·0	86·7	78·8	87·0	78·2	80·0	75·0	79·0	75·0	78·0	76·0	78·2	76·0
31	76·0	74·0	81·0	77·0	85·0	79·0	84·8	77·8	77·8	74·9	80·0	77·0	78·0	76·8	75·0	73·5	75·0	74·0
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.—SANCHEZ, San Domingo.

AUGUST 1887.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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.	3	—	—	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	E 2	Calm 0	Calm 0	Calm 0	Calm 0	138	1·98	● a. Very muggy and close. T in SW. noon. K² ●² (about 2 ins.) 0.40p.—2.10p. [Distant T 6p.
2	Calm 0	S 1	ESE 2	E 1	Calm 0	70	2·06	≋⁰ (mist) on swamp 6a. Day very fine. ● in the S. 4p. [Fine 8p.
3	W 1	ESE 2	E 1	NE 1	Calm 0	130	—	≋⁰ (mist) on swamp 6a. Fine, with ∞ a. Gloomy 2p. ● 4p. Dull and muggy 6p.
4	W 1	W 1	E 1	WSW 1	Calm 0	130	·19	≋⁰ (mist) on swamp and hills a. Muggy, with ● showers 10a. Fine, with ∞ p. ⌒ 5p.
5	Calm 0	NE 1	ESE 2	E 1	Calm 0	105	·15	Day very dull, with ≋⁰ (mist) on hills, and ●. [Fine 8p.
6	W 1	SSE 2	ESE 3	E 1	Calm 0	105	·17	≋⁰ (mist) on N. hills 8a. Day fine, with ∞².
7	W 1	ESE 2	NNE 2	ENE 1	NNE 2	160	—	Fine, with ∞, till 2p. ● showers 4p. Partial ⌒ 5p. Fine 8p.
8	W 1	NE 1	NNE 2	NNE 2	Calm 0	120	·44	Fine, with ∞, a. Muggy, with ● showers, 10a. Fine from noon.
9	W 1	E 1	NNE 2	N 1	Calm 0	90	—	Fine all day. Distant T in SW., ⊂ in W. p. [showers 4p. Very dull 6p.
10	W 1	E 1	ESE 1	E 1	Calm 0	100	—	≋⁰ (mist) on swamp 6a. Dull and close a. Ugly, with K, in SW. 2p. ●²
11	W 1	W 1	ESE 2	E 1	E 1	115	·32	≋⁰ (mist) on N. hills a. Day fine, with ∞².
12	W 1	SSE 1	E 3	ESE 2	Calm 0	150	—	Fine all day, with ∞. ⊂ in W. 8p.
13	—	—	—	—	—			
14	—	—	—	—	—			
15	—	—	—	—	—	715	·20	
16	—	—	—	—	—			
17	—	—	—	—	—			
18	W 1	WNW 1	NNE 1	W 1	Calm 0			⌓ n. Fine till 8a., then dull till 2p. ∞² all day.
19	W 1	WSW 1	WSW 1	S 1	S 3	155	—	≋⁰ (mist) on hills 6a. Fine a. ∞² all day.
20	E 1	E 1	SE 1	ESE 2	E 1	230	—	Fine all day, with ∞. ⊂ in SE. 8p. [⊂ in S. 10p.
21	E 1	E 1	E 1	E 1	S 1	245	—	≋⁰ (mist) on hills a. Fine till 10a. Sultry noon, with ● T in S. and SE. K in W. 8p.
22	W 1	ESE 2	ESE 1	E 1	E 0·5	105	—	Day fine, with ∞. [WSW., 8p.
23	ESE 3	ESE 3	S 3	S 2	Calm 0	190	—	Fine 6a. ≋⁰ (mist) on N. hills 8a. ⁄ ● 1p. Ugly to E. p. ⊂ in ENE. T in
24	E 1	ESE 3	ESE 3	Calm 0	Calm 0	245	·02	Dull 6a. Very fine 10a. Distant T, ● in S., 2p. ●⁰ 6p. Very still and close 8p.
25	W 1	ESE 2	ESE 2	NE 1	Calm 0	125	·22	⌓ n. ≋⁰ (mist) on swamp 6a. Fine all day. [SSW. 8p.
26	W 1	S 1	ESE 3	E 1	Calm 0	149	—	Fine a. ● showers in S. 2p. Distant T. Very dark and ugly in WSW. 5p. ⊂ in
27	W 1	SE 2	E 1	NNE 1	Calm 0	160	·16	● n. ≋⁰ (mist) on swamp and hills 6a. ⌒ 8a. ⁄ ● from S. 4p. ⊂ ●² 7p.
28	W 1	RSE 1	ESE 3	E 2	Calm 0	90	·48	≋⁰ (mist) on hills and swamp a. Dull 10a. Very fine p. [Fine 10p., with ∞.
29	W 1	SEbyE 1	E 2	E 1	Calm 0	155	—	Fine all day. ∞ a. ∞² 10p. ⊂ in SE. [in S. 4p.
30	W 1	ESE 1	ESE 3	E 1	Calm 0	160	—	≋⁰ (mist) on swamp 6a. Fine a. ∞² 10a.! Distant T 2p. Dull and ugly, with ⁄ T,
31	ENE 1	E 2	Calm 0	NNE 1	Calm 0	165	—	⌓ n. ≋⁰ (mist) on hills 6a. Fine a. Close and muggy, with ●⁰ 2p., T ●² to W. [Distant T in W. 6p. ∞² 8p.
Mean	—	—	—	—	—	138·8	6·39	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

SEPTEMBER 1887.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	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
2	29·974	29·996	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
3	30·016	30·051	·082	30·053	·999	·974	30·006	30·044	·062	75·5	91·5	143·0	72·0	84·0	12·0	·761
4	·085	·089	·070	·060	·999	29·996	30·009	·066	·080	73·0	90·0	140·0	71·5	84·0	12·0	·883
5	·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
6	·061	·073	·034	·004	·954	29·955	·965	29·982	·005	71·0	88·5	142·0	69·0	84·2	12·0	·815
7	·011	·020	·032	·004	·941	·930	·936	29·977	·010	72·5	91·5	142·0	71·0	84·2	11·0	·848
8	·031	·044	·033	·018	·990	·980	29·988	30·005	·015	74·0	91·5	142·0	71·5	84·5	12·1	·854
9	·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
10	·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
11	·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
12	·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
13	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
14	29·976	·007	·004	29·978	·932	·930	·943	·970	30·007	68·0	89·0	147·0	67·0	83·5	10·0	·774
15	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
16	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
17	29·994	·030	·043	29·999	·961	·969	·993	·020	·035	77·0	92·5	147·0	75·0	83·4	9·5	·871
18	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
19	·040	·032	·043	30·020	30·001	·950	·971	29·973	29·979	70·0	88·0	—	69·0	83·0	4·0	·810
20	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
21	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
22	·935	·932	·900	·900	·825	·825	·837	·873	·896	71·5	95·0	142·0	70·5	82·9	10·5	·754
23	·862	·915	·902	·895	·846	·857	·876	·882	·918	72·5	94·0	146·0	71·0	83·0	11·5	·826
24	29·975	29·968	·961	·926	·916	·917	·932	·972	·986	77·0	94·0	148·0	74·5	83·0	11·5	·808
25	30·028	30·013	·998	·969	·916	·927	·941	·968	·982	70·5	96·5	150·0	69·0	83·0	8·5	·837
26	29·943	29·975	·960	·935	·879	·910	·910	·941	·954	71·5	93·0	147·0	70·0	83·0	6·0	·779
27	·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
28	29·991	30·033	30·038	30·003	29·998	·977	30·000	30·032	30·031	70·5	85·5	122·0	71·0	82·2	1·0	·840
29	30·023	30·052	·068	30·059	30·026	·973	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	248·6	·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.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	76·0	74·5	80·5	77·0	84·0	78·4	88·0	78·0	86·5	78·0	86·6	78·6	85·0	76·0	82·0	77·0	81·5	76·5
2	77·0	75·0	82·0	77·0	84·8	78·0	87·8	78·8	87·0	80·0	87·0	78·0	83·0	77·0	79·0	75·0	78·5	75·5
3	77·0	74·8	80·0	77·0	84·8	77·8	89·0	78·0	87·0	79·0	86·5	79·0	84·0	76·5	80·0	75·4	80·0	76·0
4	76·0	74·0	80·0	77·0	84·0	77·6	84·4	79·0	87·0	79·0	85·0	79·0	81·0	75·0	78·0	74·0	76·0	74·5
5	73·5	72·0	79·0	76·0	87·0	79·0	87·0	79·0	85·2	78·0	79·0	76·0	81·0	77·0	76·8	75·0	77·0	75·0
6	74·5	73·0	80·0	76·5	85·4	79·0	86·0	78·2	86·0	78·0	84·6	78·0	82·0	76·8	80·0	76·0	80·0	76·0
7	76·0	75·0	82·0	78·2	85·6	78·6	89·0	80·0	88·0	80·0	86·0	79·8	82·0	77·6	80·0	77·2	79·0	76·5
8	76·4	74·8	83·8	80·0	87·0	80·2	84·5	78·5	89·0	80·0	86·0	77·5	83·0	77·0	81·0	77·0	81·0	77·0
9	77·0	75·6	81·0	79·0	86·0	79·0	87·2	79·2	86·2	80·0	86·0	78·5	82·6	77·0	79·0	75·0	78·0	74·5
10	76·4	74·5	82·2	77·0	86·0	79·0	86·2	77·4	86·4	79·0	88·0	77·0	82·0	75·0	80·0	76·0	79·0	75·0
11	75·4	74·0	81·0	78·2	83·8	79·0	76·8	75·0	82·2	78·2	82·0	78·0	82·6	77·4	78·5	76·5	78·0	76·5
12	75·0	74·0	77·0	76·0	82·6	78·0	82·0	76·0	81·8	77·0	80·5	75·0	77·6	75·6	77·0	74·0	76·5	74·0
13	72·0	71·0	73·0	74·5	82·5	76·0	84·0	77·0	84·0	78·0	83·0	77·0	79·8	77·6	76·0	75·0	74·5	73·0
14	70·5	69·5	77·0	74·6	87·0	79·8	88·0	78·0	85·0	78·5	83·0	78·0	81·0	75·4	79·0	75·0	78·0	75·0
15	73·0	72·0	79·0	77·0	84·5	78·5	87·0	77·0	85·0	77·0	84·0	77·4	80·5	76·0	78·0	74·2	77·5	74·0
16	76·5	75·0	83·0	79·0	87·0	80·0	89·5	80·5	89·0	80·0	81·0	78·0	79·0	76·5	79·0	77·0	78·5	77·0
17	79·0	76·5	83·6	78·2	86·8	79·0	90·5	81·0	87·5	78·0	86·0	80·0	81·0	77·2	77·8	75·0	77·0	75·0
18	74·0	72·5	80·0	76·0	85·0	79·0	78·8	77·4	79·0	77·2	83·2	80·0	80·6	75·4	77·6	74·0	75·0	73·2
19	73·5	71·0	76·8	74·9	82·0	77·0	78·0	75·0	78·0	75·4	85·0	75·0	78·8	75·0	78·0	74·8	75·5	74·0
20	74·0	72·4	78·0	76·5	86·0	78·5	88·0	78·0	88·0	79·0	84·8	78·0	81·0	76·0	80·0	76·0	78·0	75·3
21	74·5	73·0	81·0	77·6	88·0	80·2	88·5	78·5	86·0	77·8	85·0	78·0	80·5	75·5	79·0	75·0	79·0	75·0
22	75·4	73·0	75·0	76·4	89·0	78·8	88·0	77·5	91·0	81·0	91·0	80·5	84·0	78·0	77·2	75·0	77·0	74·0
23	75·0	74·0	85·0	79·0	89·5	80·0	90·5	80·0	91·5	79·5	84·5	78·8	83·0	78·0	82·0	77·0	79·0	76·0
24	78·0	77·0	83·0	77·0	90·4	80·2	91·6	80·0	92·0	80·2	90·0	79·5	85·0	78·8	83·0	78·0	82·2	77·5
25	73·4	71·0	84·0	79·0	88·0	80·0	89·0	79·8	94·5	81·0	84·0	78·8	79·0	76·0	74·0	73·0	74·0	73·0
26	74·0	73·0	82·0	78·0	88·2	81·0	91·2	79·2	87·0	79·0	79·8	76·5	79·0	77·0	78·2	76·0	76·0	75·0
27	73·5	72·0	78·0	76·0	87·2	80·0	85·0	79·0	79·2	76·0	80·0	76·2	78·5	76·8	77·0	75·0	74·0	73·0
28	72·0	71·0	75·6	75·0	79·0	76·2	83·0	77·6	77·0	75·0	77·8	75·0	76·8	75·0	74·0	72·5	73·2	72·0
29	72·0	71·0	78·0	76·0	84·0	78·0	84·0	79·6	77·5	76·5	79·0	76·2	76·8	76·0	73·8	73·0	72·0	70·6
30	71·0	69·6	75·2	74·0	85·0	79·9	87·0	81·0	86·8	79·8	85·0	77·0	80·0	75·5	77·7	73·6	78·0	74·0
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	76·5	78·4	75·2	77·4	74·7

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

SEPTEMBER 1887.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. 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	0·3	—	—	—	—	—	—	—	—	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	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	E 1	ESE 3	ESE 3	SSE 2	ESE 3	185	·25	≋⁰ (mist) on swamp and N. hills *a*. Day fine, with ∞².
2	E 1	E 2	ESE 2	E 1	Calm 0	200	—	☽ *n*. Fine all day, with ∞ till *4p*.
3	ENE 1	E 1	E 3	E 2	E 1	150	—	☽ *n*. ≋⁰ (mist) on swamp and N. hills *6a*. Very fine day.
4	W 1	E 2	ESE 3	E 1	Calm 0	170	·17	≋⁰ (*mist*) *on swamp 6a*. Fine all day. ∞ *4p*. ⊔ *10p*.
5	NW 1	ESE 1	NNE 1	ENE 1	Calm 0	200	—	☽ *n*. Fine till noon. Ugly in SW., ●² in ENE. *2p*. ● showers *4p*., then fine. < [in W. *8p*.
6	W 1	SW 1	ESE 2	E 2	E 1	150	·15	☽ *n*. Fine all day. < in E. *8p*., in ESE. *10p*.
7	W 1	E 1	ESE 3	E 2	Calm 0	100	—	☽ *n*. Fine all day. < in W. *8p*. and *10p*.
8	W 1	E 1	ESE 3	E 1	E 1	140	—	☽ *n*. ≋⁰ (mist) on N. hills *a*. Fine all day. Distant T in ESE. noon. < in ESE. *p*.
9	W 1	E 2	ESE 2	E 1	Calm 0	200	·17	● *n*. Fine all day. ● in S. noon. Very thundery looking in S. *2p*. < in W. *8p*.
10	E 2	E 2	E 2	E 1	Calm 0	160	—	≋⁰ (mist) on swamp *6a*. Fine all day. Ugly in SW. *4p*. < in SW. *8p*. and *10p*.
11	W 1	E 1	ESE 1	NE 1	Calm 0	204	·32	≋⁰ (mist) on hills *a*. Dull *a*. ● ⚲ noon. Very close and muggy *p*. < in SW. *8p*.
12	Calm 0	ESE 2	E 1	E 1	Calm 0	125	·61	●² T *n*. ●⁰ *8a*. Ugly in E. *10a*., with T. Dull and close *p*. ●² < *8p*.
13	E 1	ESE 1	E 1	Calm 0	Calm 0	164	·85	● till *8a*., then fine till noon. Very muggy, with ● showers, *2p*. Very dull *4p*. ≋ [*8p*. Fine *10p*.
14	Calm 0	ESE 1	ESE 1	NNE 1	Calm 0	160	—	Fine *a*. T in SW. *1p*. ⌒ *2.30p*. ● in ESE. *4p*. Dull *6p*. < in E. *8p*.
15	Calm 0	ESE 2	ESE 2	E 1	E 1	190	·20	● *n*. ≋⁰ (mist) on swamp and N. hills *a*. Fine all day. < in E. *8p*., a few peals T.
16	E 1	ESE 2	ESE 2	ENE 1	Calm 0	150	—	≋⁰ (mist) on swamp and hills *6a*. Fine till *2p*. ●² *3p*. T in S. Dull *6p*. Fine *8p*.
17	W 1	ESE 2	E 1	NE 1	Calm 0	145	·35	≋⁰ (mist) on N. hills *6a*. Fine till *4p*. ⌒ *5p*. Dull *6p*. ⚲² *7p*. Fine *8p*. < in ESE.
18	W 1	SSE 1	Calm 0	NNE 1	Calm 0	155	—	≋⁰ (mist) *6a*. Fine till *10a*. ● from E., noon. Very muggy, *2p*., ●² < in E. *8p*.
19	W 1	SSE 1	Calm 0	Calm 0	Calm 0	50	1·40	≋⁰ (mist) on swamp and hills *a*. Muggy, with ● showers *p*. ⌒ *4p*., then fine. < [in E. *8p*.
20	W 1	SSE 1	E 2	NNE 1	Calm 0	60	—	≋⁰ (mist) on swamp *6a*. Fine all day. < in W. *6p*. and *10p*.
21	W 1	SSE 1	ESE 3	E 2	Calm 0	100	—	Fine all day. ● showers in S. and ESE. *p*. < in NW. *8p*. ∞ *10p*. [with < in W.
22	W 1	ESE 2	SbyE 1	E 1	Calm 0	140	—	Fine till *6p*., then ugly in NW. ⚲² ●² to N., moving to E., *6p*.—*6.40p*. Very fine, *8p*.,
23	WNW 1	SSE 1	ESE 2	E 1	Calm 0	85	·33	≋⁰ (mist) on swamp *6a*. Day very fine. < in N. *8p*. and *10p*. (Earthquake 6.50*a*.)
24	W 1	SbyE 1	S 2	S 1	Calm 0	105	—	≋⁰ (mist) on swamp *6a*. Fine all day. < in N. *8p*. and *10p*.
25	W 1	SSE 1	ESE 1	NNW 1	Calm 0	150	·49	Very fine till *2p*. ⚲² ●² in W., moving to ENE., *4p*.—*8p*. ⚲ in ENE. *10p*.
26	W 1	S 1	ESE 2	Calm 0	Calm 0	85	·60	≋⁰ (mist) on swamp *6a*. Very fine till noon. T ● in SW. *2p* ● from E., ⚲ *3p*.
27	W 2	Calm 0	ESE 1	NW 1	Calm 0	100	·42	●² in NW. *10a*. ⚲² (right overhead, passing W. to E.) ● *11a*.—noon. Red sunset.
28	W 1	Calm 0	E 1	ENE 1	Calm 0	65	·30	● *n*. ● T in E. *8a*. Day very dull, with ● ≋⁰ (mist). T in S. *4p*. Red sunset.
29	W 1	E 1	Calm 0	W 1	Calm 0	100	·26	≋⁰ (mist) on swamp and hills *a*. and *8p*. ● showers during day. Very dull *6p*. Very [fine *8p*.
30	W 1	SSW 1	E 3	NE 1	Calm 0	90	·65	≋ to S. and W. till *8a*. Day very fine. ● in S., < in SSE. *10p*.
Mean	0·9	1·3	1·7	1·1	0·2	135·9	7·52	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

OCTOBER 1887.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sunshine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	29·977	29·975	29·989	29·957	29·914	29·901	29·915	29·963	29·990	74·5	89·5	142·0	73·0	81·8	11·5	·807
2	29·990	29·976	30·000	29·984	·950	·935	·945	·969	·976	70·5	88·5	142·0	69·5	81·8	11·0	·716
3	30·003	30·038	30·022	30·007	·944	·942	·956	·950	·950	71·0	89·0	142·0	69·5	81·8	11·0	·860
4	29·952	29·990	29·972	29·948	·918	·892	·924	·949	·957	74·0	90·0	120·0	72·5	81·8	1·5	·793
5	·925	·933	·905	·916	·875	·911	·898	·927	·935	70·5	92·0	144·0	70·0	81·8	5·0	·830
6	·989	·973	·960	·958	·944	·955	·980	·998	·996	70·5	86·0	98·0	70·5	81·8	7·5	·860
7	·995	·985	·986	·953	·902	·918	·919	·925	·926	70·0	87·0	142·0	70·5	81·2	5·5	·840
8	·945	·957	·941	·912	·882	·862	·893	·926	·950	70·0	86·0	132·0	70·0	81·1	7·5	·840
9	·960	·979	·960	·927	·892	·901	·920	·962	·993	70·0	90·0	144·0	69·5	81·0	11·0	·721
10	·937	·964	·969	·930	·907	·912	·924	·952	·946	70·0	90·0	146·0	69·0	81·0	9·5	·840
11	·939	·958	·948	·907	·869	·888	·896	·925	29·957	70·0	87·0	141·0	69·5	81·0	10·5	·738
12	·937	29·934	29·935	29·931	·924	·941	·937	29·974	30·001	74·0	87·0	150·5	70·5	81·0	8·0	·837
13	·963	30·001	30·028	30·065	·994	·971	·991	30·029	30·029	72·0	88·0	144·0	70·0	81·0	6·0	·846
14	·978	29·996	29·990	29·954	·922	·926	·929	29·975	29·976	71·0	90·5	143·0	70·0	81·1	9·5	·790
15	·968	30·006	29·962	29·964	·935	·926	·961	30·001	30·014	71·0	87·0	150·0	69·0	81·1	10·5	·807
16	29·989	·016	30·026	30·003	·960	·953	·971	29·974	29·976	70·0	88·0	146·0	68·0	81·4	11·0	·779
17	30·001	30·029	·048	29·985	·957	·940	·951	·976	·968	70·0	91·0	145·0	69·0	81·4	10·5	·857
18	29·970	29·987	·015	·972	·941	·923	·923	·948	·970	68·5	87·0	145·0	67·5	81·6	10·0	·829
19	·961	29·991	·009	·987	·937	·915	·937	29·979	29·996	68·5	89·0	132·0	68·0	81·7	10·5	·793
20	·978	30·009	30·012	·974	·939	·959	·961	30·001	30·011	67·5	89·0	144·5	65·0	81·5	11·0	·801
21	·969	29·998	29·984	·932	·907	·904	·934	29·974	29·990	68·0	89·0	143·5	66·0	81·5	11·5	·706
22	29·977	30·001	29·984	29·969	·942	·957	·952	29·998	29·998	69·5	90·0	144·0	68·0	81·2	11·0	·779
23	30·027	·029	30·043	30·018	29·981	·993	29·994	30·026	30·026	70·0	91·0	147·0	69·0	81·2	11·0	·820
24	·021	·061	·074	·036	30·008	·992	30·000	·038	·054	69·5	90·0	147·5	69·0	81·5	11·0	·943
25	·031	·041	·061	·030	29·969	29·974	29·998	·024	·026	69·5	89·0	144·0	68·0	81·7	6·0	·897
26	·031	·085	·065	·032	29·994	30·001	30·006	·044	·063	70·0	88·0	119·0	69·0	81·8	3·5	·834
27	·059	·110	·095	·068	30·045	30·051	30·045	·076	·079	74·0	88·0	148·0	70·0	82·0	11·0	·657
28	30·070	·077	·074	30·054	29·988	29·993	29·993	30·017	30·027	67·5	87·5	132·0	65·0	81·9	10·5	·848
29	29·993	30·030	·021	29·980	·940	·923	·914	29·955	29·969	70·0	86·0	138·0	70·0	81·8	8·0	·848
30	29·973	29·982	·063	29·942	·906	·911	·920	·958	29·974	67·5	86·5	144·0	67·0	81·8	11·0	·697
31	30·002	30·028	30·016	30·013	29·945	29·947	29·968	29·998	30·009	72·5	90·0	143·0	69·0	81·8	11·5	·823
Mean	29·984	30·004	30·005	29·978	29·940	29·939	29·949	29·981	29·991	70·4	88·6	140·2	69·1	81·5	284·5	·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.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	76·0	74·4	79·0	77·0	86·8	80·0	86·0	78·0	86·0	77·0	85·0	77·0	81·0	75·0	79·0	74·0	77·5	74·0
2	73·0	71·4	79·0	77·0	85·0	78·5	85·0	75·5	87·0	76·5	85·0	77·5	81·8	76·5	79·0	73·5	77·0	73·0
3	73·0	72·0	82·0	77·0	86·0	80·0	86·2	79·2	85·8	77·0	86·0	79·0	80·5	74·8	79·8	74·0	79·5	74·0
4	76·0	75·0	77·0	75·0	85·8	81·0	79·0	75·0	79·0	75·5	79·0	77·0	76·5	73·0	76·0	74·0	74·8	74·0
5	72·0	71·0	77·0	74·0	84·0	78·0	87·4	79·0	85·0	80·0	73·0	71·5	73·0	71·5	75·0	72·0	73·0	72·0
6	73·0	72·0	81·0	78·0	85·0	79·0	83·0	78·0	76·0	74·5	76·0	75·0	74·0	73·0	73·8	72·6	73·8	72·5
7	72·0	71·0	75·0	74·0	82·0	76·0	84·0	78·0	85·0	78·0	81·0	77·0	78·0	75·8	76·5	75·0	75·0	74·0
8	73·0	72·0	74·6	73·8	85·0	80·0	84·0	78·0	83·8	78·0	83·0	74·0	78·0	74·0	77·8	74·2	76·0	74·0
9	74·0	72·0	79·0	76·0	86·0	79·0	86·0	76·0	84·2	76·5	81·0	76·0	79·8	75·0	77·0	74·0	75·8	73·2
10	73·0	72·0	78·8	76·0	86·5	76·2	89·5	80·0	84·9	76·9	81·4	76·0	77·5	74·0	77·0	74·0	76·5	74·0
11	73·0	72·0	84·0	78·0	84·8	78·0	84·0	76·0	84·0	77·8	79·0	74·0	77·0	73·0	76·8	72·8	78·0	75·0
12	75·0	73·0	80·5	76·4	83·4	76·0	85·9	78·6	85·0	78·2	80·0	74·6	77·5	73·2	76·0	73·0	77·5	74·0
13	75·5	72·0	81·0	76·0	83·0	76·0	86·5	79·0	73·0	71·0	76·8	74·0	74·8	73·0	74·5	72·5	74·5	72·4
14	75·0	73·4	81·3	76·5	84·0	77·0	87·0	78·0	86·3	78·0	80·0	75·0	78·0	74·8	78·0	74·2	77·2	74·2
15	74·0	72·6	79·8	76·6	85·9	78·7	86·0	78·0	86·0	78·0	81·8	77·0	79·2	75·0	78·0	74·0	77·0	74·0
16	73·0	71·6	79·8	76·8	83·2	78·0	85·0	77·0	82·0	76·5	83·0	75·0	78·0	73·0	77·6	73·0	76·8	73·0
17	72·0	71·0	79·7	76·0	87·9	78·7	87·9	79·8	86·0	80·0	82·0	76·0	78·5	73·0	77·0	73·0	76·2	73·0
18	72·0	71·0	75·4	73·8	81·5	75·5	84·8	78·0	83·0	77·0	80·2	73·8	78·0	74·0	77·0	73·4	75·0	73·0
19	73·0	72·0	77·5	76·0	81·0	75·0	79·0	75·0	83·0	75·0	84·0	75·5	78·0	74·0	76·0	71·0	72·2	70·0
20	68·3	68·0	76·2	73·0	83·0	77·8	85·0	77·5	85·0	75·4	81·8	73·0	78·5	73·0	76·0	71·4	76·5	70·0
21	72·0	70·8	77·9	73·9	84·0	74·9	84·0	74·9	87·0	74·0	86·0	75·0	79·5	72·0	77·5	71·0	76·0	71·4
22	74·0	70·8	77·0	72·5	86·0	77·8	87·0	77·8	87·0	72·0	81·0	73·8	79·0	73·8	78·0	72·0	77·0	72·0
23	73·0	71·4	75·0	73·0	83·0	77·0	85·2	76·0	84·0	74·0	83·0	76·0	79·0	74·0	76·0	72·0	77·0	74·0
24	71·5	71·0	77·4	72·0	80·0	77·0	86·5	81·0	83·0	77·0	81·5	78·0	77·0	75·0	75·0	73·5	75·0	73·5
25	73·0	72·0	79·8	77·0	82·0	78·0	86·2	80·0	85·0	76·0	83·8	76·0	79·0	75·0	78·0	74·0	77·0	73·5
26	71·8	71·0	76·0	74·5	85·4	79·0	79·2	76·0	83·0	76·0	81·0	76·0	78·0	74·0	75·5	73·5	78·0	74·0
27	77·5	71·0	83·2	72·0	85·0	74·0	85·0	74·0	83·8	75·0	80·0	74·8	78·0	74·0	76·0	71·6	76·2	72·8
28	69·0	68·0	78·2	72·0	78·2	73·0	83·8	78·0	82·2	75·2	78·5	74·0	76·0	73·4	75·8	72·4	75·0	72·0
29	72·7	71·9	76·4	74·8	79·0	76·0	84·0	78·2	84·0	77·0	79·8	74·0	77·0	72·8	76·2	71·0	74·0	70·0
30	72·0	71·0	81·0	74·0	83·0	74·0	85·0	75·0	85·0	76·5	83·2	76·0	79·0	74·5	80·0	72·0	80·0	72·5
31	73·8	72·0	81·0	75·8	85·0	78·0	85·0	78·0	88·5	78·5	83·5	76·2	81·0	77·0	78·2	72·2	78·2	72·8
Mean	73·0	71·6	78·3	75·2	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	72·7

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

OCTOBER 1887.

Day.	Upper Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.	Lower Clouds. 6 A.M. Form.	Amt.	Dirn.	Vel.	2 P.M. Form.	Amt.	Dirn.	Vel.	10 P.M. Form.	Amt.	Dirn.	Vel.
1	Cir.-c.	2	S	0·3	—	—	—	—	—	—	—	—	Cum.	3	—	—	Cum.	7	E	1	Cum.	6	E	1
2	—	—	—	—	—	—	—	—	Cir.-s.	6	N	1	Cum.	4	—	—	Cum.	5	E	1	Cum.	2	—	—
3	Cir.	3	W	0·3	—	—	—	—	Cir.-c.	4	E	0·5	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	—	—	C.N.	9	E	1	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	—	—	—	—	Cir.-c.	2	W	0·5	—	—	—	—	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	—	—	—	—	Cir.-c.	2	N	0·5	—	—	—	—	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	—	—

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m	10 p.m.	Vel.	Rain-fall.	Remarks.
						miles.	ins.	
1	W 1	SE 1	ESE 1	E 1	Calm 0	90	·07	⊃² n. ≋⁰ (mist) on swamp 6a. Day very fine. < in N. 8p.
2	W 1	E 2	E 5	Calm 0	Calm 0	150	—	≋⁰ (mist) on swamp 6a. ∞ till 10a. Fine all day.
3	W 1	ESE 2	E 2	Calm 0	Calm 0	125	—	≋⁰ (mist) on swamp 6a. Very fine a. Distant T in SW. 4p. Red sunset. ⚲ in S. 7p
4	W 1	SW 1	Calm 0	NE 1	Calm 0	115	—	≋⁰ (mist) on hills a. Day dull. ⚲² ●² in W. passing S. to N., 11.30a.—1p.
5	W 1	E 1	SSW 1	Calm 0	Calm 0	105	·08	Distant ⚲² ●² in S., passing to W. 1p. ●² from E. 2p. ⚲ overhead 3p. ⚲ in
6	Calm 0	Calm 0	Calm 0	Calm 0	Calm 0	90	·28	⚲ ●² in SW. passing to NW., noon. ⚲ ● 2p. ● till 6p. < in SE. 8p. [SW. 10p.
7	Calm 0	SbyE 1	E 2	E 1	Calm 0	65	·65	≋ till 8a. ≋⁰ (mist) on N. hills 10a. Very ugly in SSW., with T 2p. ●² p.
8	Calm 0	SSW 1	E 2	Calm 0	Calm 0	80	·34	● 6a. ≋⁰ (mist) on swamp and valleys 8a. Dull and close a. ∞ p. < in S.
9	W 1	SSE 1	NNE 2	NNE 1	Calm 0	110	—	≋⁰ (mist) on swamp 6a. Fine till noon. Dull 2p., with ● showers in S. [8p.
10	Calm 0	SSE 1	E 3	Calm 0	Calm 0	100	—	⊃² n. ≋ on swamp and S. hills 6a. ≋⁰ (mist), on N. hills 8a.—10a. T ● in S. 2p.
11	W 0·5	SSE 1	ESE 2	Calm 0	Calm 0	115	—	Fine till noon. ● T in S. 2p. Dull, with ≋⁰ (mist) on N. hills, ugly in SW. ⌒.
12	ENE 1	E 1	S 2	E 1	SE 0·5	155	—	≋⁰ (mist) on N. hills 6a. Fine till noon. ● in S. p. Very fine 8p. < in SE. 10p.
13	E 1	ESE 2	E 2	Calm 0	Calm 0	190	—	Very fine a. ↗ for a few minutes, ending in ● 1.15p. ⚲ ⌒ 3p. ≋⁰ (mist) on
14	Calm 0	ESE 2	ESE 2	E 1	Calm 0	150	·27	Very fine a. ● in ESE. noon. ● in S. 2p. Fine p. < in N. 8p. [hills 6p.
15	Calm 0	SSE 1	E 2	EbyN 1	NE 0·5	115	·02	≋⁰ (mist) on swamp 6a. ∞ 8a. Day very fine. ● showers in S. 4p. [SSE. 8p.
16	W 1	SSW 1	E 2	Calm 0	Calm 0	105	—	≋⁰ (mist) 6a. Fine, with ∞, a. Close and sultry at noon, with ● in S. < in
17	W 1	S 1	NNE 1	Calm 0	Calm 0	85	·30	≋⁰ (mist) 6a. Fine a., with ∞. ● in N. noon. Very close and muggy till 4p.
18	Calm 0	NE 1	ESE 1	NE 1	Calm 0	90	·14	⊃² n. ≋⁰ (mist) on swamp and hills 6a. Fine, with ∞ 8a. ● S. p. < in S. 8p.
19	W 1	Calm 0	E 1	NE 1	Calm 0	115	·10	≋⁰ (mist) on swamp 6a. Fine, with ∞, 8a. Muggy 10a. ●² shower from E., noon.
20	W 1	W 1	E 1	NE 1	Calm 0	75	·27	⊃² n. ≋⁰ (mist) on swamp 6a. ∞ 8a. Fine all day. Very fine p. [Very fine p.
21	W 1	SSW 0·5	E 1	NNE 1	Calm 0	125	—	≋⁰ (mist) on swamp 6a. Very fine day.
22	WNW 1	SSE 1	NE 1	NNE 1	Calm 0	100	—	Very fine all day.
23	W 1	S 0·5	NE 2	NE 1	Calm 0	105	—	Fine till noon, then clouds got low, with ●⁰. Very fine p.
24	W 1	W 1	Calm 0	W 0·5	Calm 0	100	·03	● 6a. ≋⁰ (mist) on hills, with clouds low, a. Dull and muggy till 8p., then fine.
25	WSW 1	SSE 1	E 1	E 1	Calm 0	75	·44	⌒ 6a. ≋⁰ (mist) on N. hills 8a. ● from E. 10a. Muggy 2p. ⌒ 4p. then fine.
26	W 0·5	S 1	E 2	Calm 0	ENE 1	105	·20	● showers a. Dull and muggy 10a. ● noon. ⌒ 4p. ● in S. 8p. ⚲ in S. 10p.
27	E 2	E 3	E 2	ENE 1	Calm 0	185	·28	Fine and fresh 6a. Very fine till 10a. ● in S. 2p. Very fine 4p. Gusty 8p.
28	W 1	E 1	E 1	ENE 1	Calm 0	115	·09	⊃ n. ≋⁰ (mist) on swamp 6a. Fine, with ∞, 8a. Muggy 10a. Dull and close p.
29	Calm 0	W 1	E 1	ENE 1	Calm 0	75	·10	Dull and muggy a., with low clouds and ● showers. Very fine p. [⌒ 3p. ● in S.
30	W 1	E 1	E 1	Calm 0	S 1	120	—	∞⁰ (mist) on swamp 6a. Day very fine.
31	WSW 1	E 1	E 2	S 2	SE 1	130	—	Day very fine. ● in S. at 2p.
Mean	0·7	1·1	1·5	0·6	0·1	111·6	3·66	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

NOVEMBER 1887.

Day.	Barometer. Readings corrected and reduced to 32° Faht. at the Mean Sea Level.									Temperature.					Sun-shine.	Vapour Tension.
										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.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
1	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
2	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
3	·977	29·988	30·010	·969	·928	·915	·939	·973	·979	70·0	88·0	144·0	69·0	82·2	10·5	·843
4	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
5	30·017	·029	30·045	30·010	·972	·960	·980	30·009	30·019	70·5	89·0	142·0	69·0	82·6	11·0	·837
6	30·025	·035	·046	30·004	·975	·965	·971	30·007	30·007	69·5	91·0	156·0	67·0	82·8	11·0	·830
7	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
8	·965	30·002	29·987	·961	·919	·919	·895	·929	·942	72·5	81·0	—	72·0	82·8	0·0	·801
9	·917	29·937	·976	·950	·882	·885	·895	·945	·940	70·5	88·0	114·0	70·5	82·8	6·0	·848
10	·955	·982	29·980	·958	·910	·926	·946	·976	·979	70·5	88·0	147·0	70·0	82·2	9·5	·782
11	·965	·991	30·003	·960	·904	·906	·919	·945	·961	70·0	89·5	140·0	68·5	82·2	8·5	·823
12	·943	·961	29·958	·910	·872	·865	·887	·904	·918	71·0	91·0	149·0	70·0	82·2	10·5	·792
13	·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
14	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
15	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
16	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
17	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
18	30·043	·048	·085	30·037	30·005	·990	30·006	30·023	30·004	69·5	85·0	122·0	68·0	82·0	2·5	·840
19	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
20	·948	29·966	29·970	·958	·910	·923	·923	·949	·966	68·5	88·0	142·0	67·5	81·0	10·5	·785
21	·971	29·995	30·001	29·977	29·956	29·937	29·934	29·973	29·979	69·0	88·0	143·0	67·5	81·1	9·0	·823
22	29·053	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
23	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
24	29·967	29·968	29·979	29·944	·908	·912	·961	·965	·935	68·5	81·0	120·0	68·0	80·0	6·5	·785
25	·937	30·003	·960	·941	·904	·905	·927	·934	·945	67·0	83·0	149·0	65·5	79·6	4·0	·699
26	·913	29·919	·901	·918	·865	·861	·874	·890	·877	67·0	84·0	—	67·0	79·2	5·5	·756
27	·886	·900	·892	·873	·802	·786	·816	·898	·921	66·0	88·0	—	65·0	79·0	8·0	·851
28	·889	·895	·915	·894	·853	·842	·871	·888	·926	66·5	88·0	—	66·0	78·8	10·5	·744
29	·929	·958	·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	29·795	29·766	29·760	29·775	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.		10 p.m.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry	Wet.	Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	77·0	74·8	81·0	76·0	83·0	76·4	83·0	77·5	85·5	78·0	85·0	76·5	80·0	76·0	80·5	77·0	79·5	76·5
2	73·0	72·0	85·0	78·0	86·0	78·0	89·0	79·6	90·0	80·0	81·0	76·0	80·0	76·5	77·0	75·2	76·5	74·0
3	71·0	70·0	77·6	75·0	86·0	79·0	86·0	78·8	86·0	75·8	86·0	74·8	80·0	74·8	77·0	73·0	76·0	72·5
4	70·5	70·0	75·0	73·4	82·0	76·0	85·0	73·5	86·0	79·0	82·4	77·0	77·8	75·0	76·0	74·2	75·0	72·6
5	72·0	71·0	77·8	75·4	86·0	79·2	85·5	78·5	87·0	76·0	83·0	76·5	80·0	76·2	77·7	74·0	75·4	73·0
6	72·0	71·0	76·0	73·8	86·5	78·5	86·2	78·4	85·0	76·5	83·0	75·5	79·0	72·0	77·0	73·0	75·8	72·8
7	69·0	68·2	77·0	72·0	85·0	79·2	83·0	76·8	78·0	75·0	77·7	73·8	77·0	73·5	77·0	74·0	76·5	74·0
8	73·8	73·0	72·8	71·2	75·0	74·0	76·0	74·0	80·0	75·4	79·0	76·8	76·8	73·2	75·0	73·4	74·2	73·0
9	72·2	71·9	75·8	74·0	80·2	77·5	81·0	77·0	83·0	77·0	80·0	76·5	78·6	75·0	76·0	75·0	75·0	73·5
10	72·0	71·0	77·5	75·2	85·0	78·0	84·2	76·8	83·2	78·0	79·8	75·6	77·0	75·0	76·2	74·0	76·0	74·0
11	72·0	71·0	79·0	73·2	83·2	76·0	85·0	72·0	87·0	78·0	80·9	75·8	79·0	75·0	79·0	76·0	78·0	76·4
12	73·0	72·0	78·0	74·8	85·2	79·0	86·5	77·8	87·0	77·0	83·2	76·0	79·0	74·0	78·0	73·0	77·0	72·8
13	71·0	70·0	79·8	74·8	85·2	78·0	84·0	74·8	85·0	75·0	82·4	74·6	78·6	73·0	76·8	73·0	75·6	73·0
14	72·4	71·4	78·0	75·5	79·0	76·6	79·0	76·5	81·8	76·0	76·5	72·0	76·4	72·8	75·0	72·6	73·0	72·0
15	70·5	69·4	78·5	76·8	86·0	80·2	86·0	77·0	87·0	77·0	83·5	77·0	79·0	75·0	78·0	75·0	76·5	72·0
16	72·0	71·0	78·5	75·0	83·0	76·0	87·9	78·3	82·0	75·9	83·0	76·0	77·0	73·0	77·0	74·6	76·0	74·2
17	72·8	72·0	73·2	72·2	78·0	73·0	79·0	76·6	79·4	75·8	75·5	72·0	74·8	73·2	74·0	72·2	73·2	72·2
18	73·0	72·0	74·9	73·4	76·8	74·8	76·5	75·0	80·0	75·0	76·5	74·8	75·4	74·0	73·0	72·0	72·0	70·8
19	69·0	68·2	77·0	75·0	82·0	78·0	83·0	75·2	83·0	76·0	80·6	75·8	77·0	74·4	76·2	73·2	76·2	74·0
20	72·0	71·0	76·0	74·0	81·0	76·0	86·0	77·5	82·0	76·0	80·0	75·2	78·3	75·0	75·0	72·0	75·2	73·0
21	70·8	70·0	74·8	75·2	81·0	77·2	85·0	78·0	83·0	76·4	82·6	77·6	79·8	72·0	78·0	75·0	76·0	74·4
22	70·6	69·8	72·0	71·0	76·0	73·8	75·0	71·8	79·0	74·0	75·2	73·0	74·0	72·0	73·2	71·2	73·8	72·2
23	70·2	69·8	72·0	71·0	74·0	72·0	77·0	71·0	77·5	74·0	77·0	74·0	74·5	72·0	73·2	71·9	72·8	71·6
24	72·5	71·0	78·4	73·8	77·2	72·6	79·5	73·0	78·0	73·0	77·0	73·0	74·0	71·0	73·0	70·0	72·0	69·0
25	70·0	69·0	71·0	70·0	77·0	73·8	82·0	74·0	78·5	72·5	76·2	71·2	75·0	71·0	74·6	71·0	74·5	70·8
26	68·8	68·0	72·5	71·0	83·5	81·0	81·0	73·0	81·0	74·0	75·0	73·0	74·0	71·6	72·0	71·0	71·6	70·0
27	69·0	68·2	69·2	68·3	77·0	74·0	85·0	78·6	86·8	77·9	84·0	76·5	75·8	73·0	73·0	71·8	72·0	70·6
28	68·0	67·0	73·0	71·6	78·6	73·0	81·0	74·7	86·0	77·0	83·9	74·0	79·0	71·8	77·0	73·0	78·0	73·2
29	75·5	72·0	76·8	73·0	77·0	73·0	81·8	73·8	84·9	74·8	83·0	73·0	79·5	73·0	78·0	73·0	77·0	73·0
30	72·0	69·0	77·0	71·6	83·0	74·0	87·5	76·5	88·5	76·8	82·5	75·4	78·0	74·0	76·5	72·0	75·0	72·0
Mean	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

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	0·3	—	—	—	—	Cum.-s.	10	W	1	Cum.	5	W	1	Cum.	8	S	3
2	Cir.-s.	2	E	0·3	—	—	—	—	—	—	—	—	Cum.	1	—	—	Cum.	6	S	2	Cum.	9	S	1
3	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	1	—	—	Cum.	7	SE	2	Cum.	3	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	3	—	—	Cum.	8	S	2	Cum.	9	SE	1
5	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.	6	SE	3	Cum.	6	S	2
6	Cir.	2	N	0·3	—	—	—	—	—	—	—	—	Cum.	2	—	—	Cum.	8	E	2	Cum.	2	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	4	—	—	C.N.	10	—	3	Nim.	10	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Cum.-s.	10	E	2	Cum.	10	—	—
9	—	—	—	—	Cir.-c.	2	N	0·3	—	—	—	—	Cum.-s.	9	W	0·5	Cum.	7	W	1	Nim.	10	—	—
10	Cir.	4	NNW	0·5	Cir.-c.	4	N	1	—	—	—	—	Cum.-s.	3	—	—	C.S.N.	5	S	1	Cum.	3	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	2	—	—	Cum.	7	S	2	Cum.	5	S	1
12	Cir.-c.	1	N	0·5	Cir.	3	NE	0·5	—	—	—	—	Cum.-s.	4	N	2	Cum.	4	WNW	2	Cum.	9	W	1
13	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	6	N	2	Cum.	6	NNE	3	Cum.	2	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	8	S	1	C.N.	10	—	2	Cum.	8	—	—
15	—	—	—	—	Cir.	2	W	0·5	—	—	—	—	Cum.	3	—	—	Cum.	5	E	1	Cum.	3	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.	8	NNE	1	Nim.	10	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Cum.-s.	10	E	1	C.N.	10	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	10	E	3	Cum.	2	—	—
19	Cir.	4	W	1	—	—	—	—	—	—	—	—	Cum.-s.	3	—	—	Cum.	6	SE	2	Cum.	8	S	1
20	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	2	—	—	C.N.	8	S	1	Cum.-s.	8	E	1
21	Cir.	1	SW	0·5	—	—	—	—	—	—	—	—	C.N.	7	E	1	Cum.-s.	8	SE	1	Cum.	8	SW	1
22	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	10	N	1	C.N.	10	NE	3	C.N.	10	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	C.N.	10	E	3	C.N.	10	E	3
24	—	—	—	—	—	—	—	—	—	—	—	—	Cum.	9	NE	4	Cum.	10	NNE	3	Cum.	7	NE	4
25	—	—	—	—	—	—	—	—	—	—	—	—	Cum.-s.	9	NNE	4	Cum.	8	NNE	3	C.N.	10	N	5
26	—	—	—	—	—	—	—	—	—	—	—	—	C.N.	8	NE	3	C.N.	9	NNW	4	Cum.	6	NNW	3
27	—	—	—	—	—	—	—	—	—	—	—	—	Nim.	10	—	—	Cum.	7	W	2	Cum.	10	S	1
28	—	—	—	—	Cir.-c.	2	W	1	—	—	—	—	Cum.-s.	9	SW	3	Cum.	4	SW	3	Cum.	9	S	5
29	—	—	—	—	Cir.	2	W	1	—	—	—	—	Cum.	8	S	3	Cum.	6	S	2	—	0	—	—
30	Cir.	2	W	0·3	Cir.-c.	3	WNW	1	—	—	—	—	Cum.	2	—	—	Cum.-s.	6	W	2	Cum.	9	N	5
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	6·0	—	—	—	7·5	—	2·1	—	7·1	—	—

Day.	Wind.						Rain-fall.	Remarks.
	Direction and Force.					Vel.		
	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.			
						miles.	ins.	
1	ENE 1	E 1	E 2	ENE 1	SSE 1	205	—	≋⁰ (mist) on N. hills, 6a. Dull till noon, then very fine.
2	W 1	E 1	SE 1	Calm 0	Calm 0	100	—	Very fine till 4p. ● 7p. Ugly appearance in W. 10p.
3	Calm 0	SbyW 1	ESE 3	NE 1	Calm 0	95	·10	≋⁰ (mist) on swamp 6a. Fine all day. Three flashes of forked < 5p.
4	WNW 1	ESE 2	ESE 2	ENE 0·5	Calm 0	105	—	≋⁰ (mist) on swamp and hills 6a. Fine, with ∞, 8a. ● in S. 10a.—2p. Distant T [in SW. 4p.
5	WNW 1	SSW 1	ESE 2	Calm 0	Calm 0	110	—	≋² (mist) on swamp 6a. ∞ a. Fine all day.
6	W 1	SSE 1	ENE 1	NE 1	Calm 0	105	—	≋⁰ (mist) on swamp 6a. Day very fine. < in S. 6p.
7	Calm 0	S 1	E 2	E 0·5	Calm 0	85	—	≋⁰ (mist) on swamp 6a. Day dull and muggy, with ● showers.
8	Calm 0	Calm 0	E 1	ENE 0·5	Calm 0	85	1·33	● all past n., and till 10a. Dull all day. ≋⁰ (mist) on hills p. [7.30p.—8p., then ●.
9	WNW 1	Calm 0	ESE 2	ENE 1	Calm 0	75	·06	Red sunrise. Distant T in E. p. < in S., ● from E., 6p. K in W. passing N.
10	W 1	SE 0·5	E 3	E 1	Calm 0	120	·14	≋⁰ (mist) on swamp and N. hills a. Very fine till 2p. Partial ⌒ 4p. Distant T in S.
11	Calm 0	ESE 2	E 2	ENE 1	Calm 0	125	—	≋⁰ (mist) on swamp 6a. Very fine a. ● showers in S. 2p. < in S. 8p.
12	NW 1	SE 1	W 2	N 2	N 1	100	—	≋⁰ (mist) on swamp and N. hills a. Day very fine. ≋⁰ (mist) on NW. hills 4p.
13	W 1	SW 1	NNE 2	ENE 1	Calm 0	175	—	Fine a. Very fine p.
14	NW 1	Calm 0	NNE 2	E 1	Calm 0	75	—	≋² (mist) on swamp 6a. Ugly in E., ● in S. 8a. Day dull and muggy, with ● [showers.
15	W 1	W 1	E 1	E 1	Calm 0	75	·30	≋⁰ (mist) on swamp and hills a. Day very fine. < in W. from 8p.
16	W 1	Calm 0	ENE 1	N 2	Calm 0	100	—	≋⁰ (mist) on swamp 6a. Fine till 4p., then ●.
17	E 1	Calm 0	E 1	Calm 0	Calm 0	80	·81	Day dull and muggy, with ●.
18	Calm 0	SSE 0·5	E 2	Calm 0	Calm 0	75	2·15	●² n. Day dull and muggy, with ● from E.
19	Calm 0	SE 1	ESE 2	E 1	Calm 0	55	·04	≋² on swamp and S. hills a. Day fine, with ∞.
20	Calm 0	SSE 1	SE 2	E 1	Calm 0	140	—	≋⁰ (mist) on swamp 6a. Very fine 10a. ● in S. noon. ≋⁰ (mist) on N. hills 4p.
21	W 1	S 1	E 1	Calm 0	Calm 0	95	—	≋ to W. and S. a. Day fine. < in NW. 6p. < 8p. [Red sunset.
22	WNW 1	W 1	NW 1	Calm 0	Calm 0	140	—	Dull 6a. ≋⁰ (mist) on hills 8a. ●⁰ 10a. Muggy p., with drizzling ●.
23	W 1	NNE 1	ENE 1	ESE 2	Calm 0	95	1·23	Drifting wet ≋⁰ (mist) 6a. Day dull and muggy, with ●⁰. Very ugly at 6p.
24	NNE 1	Calm 0	NNW 2	NNE 1	E 1	110	·68	● a. ≋⁰ (mist) on N. hills 8a. Sultry at noon. ● to W. 4p. ● 6p.—8p.
25	SSW 1	SSW 1	N 2	W 1	W 1	85	·60	● showers till 2p. Partial ⌒ 8a. ≋⁰ (mist) on N. hills, with ● in W. 4p. Fine 6p.
26	W 1	W 2	NNW 1	Calm 0	Calm 0	165	·43	Squally ● showers all day. ⌒ Very fine 8p. [< in SW. ●⁰ 10p.
27	W 1	W 1	E 1	NbyE 1	Calm 0	60	·10	≋⁰ (mist) till 8a. Very fine till 4p. ●⁰ 6p., with distant K in W. ● at 8p., with
28	Calm 0	ESE 1	SbyW 3	SSE 2	ESE 3	130	·12	≋⁰ (mist) a. Red sunrise. Very fine from 10a. ● in S. 2p. Red Str. in S. 6p.
29	ESE 2	E 2	SSE 3	ESE 2	ESE 3	285	—	Fine and fresh a. Red sunrise. ● in S. 10a. Very fine noon—8p., then ∞.
30	E 1	W 1	SSE 1	Calm 0	Calm 0	245	—	Fine, with ∞, till noon. Dull and gloomy 2p.—6p. Fine 8p.
Mean	0·8	0·9	1·5	0·9	0·3	116·5	8·09	

SANCHEZ, San Domingo.—Long. 69° 37′ W. Lat. 19° 13′ N. Height above Mean Sea Level, 50 feet.

DECEMBER 1887.

Day.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level. 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.	Temperature. Shade. Min.	Max.	Radiation. Solar.	Grass.	Earth.	Sunshine.	Vapour Tension. Noon.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
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	10·5	·562
2	·953	29·948	29·969	29·961	29·935	29·937	29·989	30·018	30·018	64·0	78·0	—	62·0	79·0	5·5	·624
3	29·982	30·004	30·077	30·057	30·029	30·026	30·029	·049	·072	64·0	80·0	—	62·0	78·2	4·5	·462
4	30·064	·084	·098	·047	·031	·026	·037	·039	·033	62·5	80·0	—	59·5	77·8	4·0	·598
5	·034	·034	·043	·032	·002	·013	·021	·032	·048	62·0	80·0	—	60·5	77·0	4·5	·611
6	·044	·053	·060	·059	·007	·026	·036	·048	·074	61·5	80·0	—	60·0	76·8	4·0	·673
7	·088	·089	·143	·109	·073	·069	·067	·079	·115	61·5	82·0	—	59·0	76·4	9·0	·635
8	·112	·130	·137	·099	·044	·034	·038	·074	·095	61·5	84·0	—	59·5	76·2	10·5	·554
9	·068	·089	·107	·071	·012	·003	·028	·042	·033	63·0	85·0	—	60·5	76·5	9·0	·689
10	·088	·078	·100	·068	·020	·015	·032	·040	·052	65·0	84·5	—	62·5	76·8	10·0	·741
11	·069	·060	·093	·041	·015	·023	·032	·053	·065	67·5	82·0	—	67·0	77·0	10·0	·716
12	·040	·081	·128	·099	·062	·053	·050	·087	·109	66·5	82·0	—	64·5	77·5	4·5	·857
13	·089	·094	·125	·091	·037	·037	·056	·093	·100	66·0	81·0	—	64·5	77·5	8·0	·697
14	·107	·113	·129	·105	·059	·058	·064	·072	·095	66·0	82·0	—	64·5	77·5	3·0	·644
15	·066	·102	·106	·069	·035	·017	·006	·049	·069	64·5	85·0	—	62·5	77·1	9·5	·721
16	·045	·078	·082	·049	30·011	30·005	30·002	·037	·040	60·5	86·0	—	56·0	77·0	10·5	·671
17	·030	·036	·050	·017	29·951	29·960	29·982	·013	·025	62·0	83·0	—	60·0	77·0	10·5	·639
18	·070	·079	·067	·070	30·020	30·005	30·047	·047	·043	64·0	85·0	—	61·5	77·0	11·0	·756
19	·105	·131	·147	·120	·070	·074	·091	·123	·137	66·5	85·0	—	65·0	77·4	11·0	·756
20	·102	·133	·145	·113	·056	·063	·080	·096	·126	67·0	83·5	—	66·0	77·8	10·5	·706
21	·112	·136	·143	·114	·062	·055	·062	·083	·093	65·0	83·0	—	63·0	78·0	8·5	·751
22	·110	·124	·123	·085	·035	·039	·047	·062	·087	65·5	82·0	—	63·0	78·0	10·5	·657
23	·068	·092	·119	·095	·014	·043	·044	·041	·039	63·0	85·0	—	61·0	78·0	10·0	·741
24	·048	·087	·086	·058	·008	30·007	·011	·038	·043	69·0	85·0	—	67·0	78·2	11·0	·718
25	·056	·087	·106	·068	·012	29·994	·015	·061	·067	65·5	86·0	—	63·0	78·5	8·0	·749
26	·042	·061	·105	·046	·018	30·025	·025	·049	·056	68·0	86·0	—	66·0	78·8	6·0	·777
27	·062	·124	·130	·114	·066	·059	·116	·111	·097	65·0	84·0	—	63·5	79·0	10·0	·706
28	·148	·171	·177	·150	·096	·105	·119	·163	·163	65·0	81·0	—	64·0	79·0	5·5	·684
29	·200	·182	·175	·166	·094	·076	·095	·104	·132	69·0	84·5	—	65·0	79·1	6·0	·749
30	·120	·129	·138	·118	·068	·035	·040	·081	·093	68·0	85·0	—	66·0	79·1	9·5	·807
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	7·0	·549
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	252·0	·690

Day.	Dry-Bulb and Wet-Bulb Thermometers. 6 a.m. Dry.	Wet.	8 a.m. Dry.	Wet.	10 a.m. Dry.	Wet.	Noon. Dry.	Wet.	2 p.m. Dry.	Wet.	4 p.m. Dry.	Wet.	6 p.m. Dry.	Wet.	8 p.m. Dry.	Wet.	10 p.m. Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
1	72·0	68·0	74·0	69·0	78·8	70·4	81·5	70·0	81·0	71·8	79·0	74·0	74·0	68·5	72·2	67·2	69·0	66·0
2	68·0	65·0	71·0	68·0	72·0	69·5	74·0	69·0	74·0	69·2	73·5	70·0	69·0	67·0	68·5	67·2	67·5	66·5
3	66·5	65·0	66·0	65·2	73·0	65·0	76·8	66·0	76·0	65·0	73·6	64·0	69·0	64·0	70·0	63·8	68·5	64·5
4	65·8	62·2	68·5	68·0	70·8	67·0	74·5	68·5	77·0	69·5	74·0	67·8	72·0	64·0	71·5	68·0	70·0	65·0
5	65·0	62·2	65·5	64·5	70·8	67·2	71·8	67·8	78·8	69·2	73·4	67·5	71·5	66·0	69·5	64·8	70·6	65·2
6	64·0	62·8	65·0	68·5	74·6	69·0	71·0	69·0	79·0	72·0	71·0	67·6	70·0	66·4	69·0	66·2	69·2	67·2
7	64·0	63·0	65·5	64·2	73·0	69·0	77·2	70·5	77·4	67·3	75·0	67·5	73·0	67·0	70·8	66·0	70·0	66·0
8	63·0	62·0	68·0	65·0	75·0	70·0	82·0	70·0	82·0	71·0	78·5	69·6	73·0	68·0	71·5	68·0	70·0	67·5
9	64·0	62·9	66·2	64·9	75·0	70·2	82·0	72·8	79·0	74·0	79·0	72·0	75·0	70·0	74·0	70·0	74·2	70·2
10	66·0	65·6	69·0	67·0	81·0	74·2	82·0	75·0	81·0	72·0	79·7	73·0	76·0	71·2	75·0	70·5	75·0	72·5
11	74·0	72·0	75·0	72·5	80·0	75·0	81·0	74·0	82·0	73·5	80·0	74·0	76·0	71·0	74·5	70·5	75·0	71·0
12	74·0	73·4	71·0	70·0	74·0	71·2	76·0	76·0	78·9	74·2	77·2	72·9	74·0	71·8	73·0	69·2	72·0	69·0
13	68·0	67·0	70·8	68·8	77·0	72·5	77·0	72·0	77·0	72·0	79·0	70·2	72·2	68·0	71·0	68·0	70·8	67·8
14	69·0	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	71·6	69·5	70·0	69·0
15	66·5	66·0	69·0	68·0	75·7	70·4	83·4	72·0	77·9	70·0	76·0	68·0	72·0	67·0	70·5	67·0	69·0	66·0
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	74·2	76·8	71·2	78·7	72·0	79·0	72·0	75·0	71·0	73·5	70·5	72·0	69·0
18	67·0	66·0	71·8	69·0	80·0	75·0	83·8	76·0	84·5	74·5	80·5	73·6	77·0	73·4	76·8	72·8	76·0	72·5
19	68·5	67·9	71·8	70·0	82·0	76·6	81·0	74·0	81·0	72·0	80·0	72·5	75·5	71·0	74·5	70·0	74·0	69·0
20	69·0	68·0	72·0	70·2	78·4	74·0	79·0	72·0	80·2	73·0	79·2	72·0	75·0	70·0	75·0	69·5	75·0	69·8
21	66·9	66·0	71·5	69·8	75·0	72·0	74·4	71·8	78·0	73·0	78·9	72·0	74·0	70·0	73·0	71·7	71·0	69·0
22	68·0	67·0	70·8	69·8	80·0	72·0	80·0	72·2	79·0	71·0	77·2	69·8	73·0	69·0	72·5	69·0	71·0	68·0
23	64·5	64·0	71·0	69·0	79·8	74·0	82·0	75·0	81·8	73·8	78·0	72·5	75·4	69·2	74·0	71·0	74·0	71·4
24	71·5	70·2	74·0	71·5	80·5	75·0	83·5	75·0	82·0	70·0	78·5	74·2	76·8	73·0	74·8	72·0	73·4	71·0
25	67·0	66·2	70·4	69·6	77·4	72·8	83·8	75·6	84·0	72·0	82·6	70·0	75·8	72·0	73·8	70·5	73·5	70·8
26	70·0	69·0	73·8	71·2	79·0	76·2	81·0	75·5	81·2	76·2	79·0	74·2	77·0	74·2	76·0	73·6	76·0	74·6
27	69·0	66·0	70·0	69·0	81·0	75·0	80·2	72·6	82·0	72·0	80·0	72·2	75·0	69·0	73·5	69·5	71·0	67·2
28	66·0	65·0	68·0	67·0	75·0	74·5	79·0	72·5	79·0	72·0	77·6	71·2	74·8	70·0	74·0	69·6	73·5	69·0
29	68·0	67·0	73·0	71·8	81·0	72·0	80·5	74·6	80·0	74·0	80·8	75·0	77·0	72·0	75·8	71·4	75·0	71·6
30	71·0	69·8	72·0	71·0	82·0	76·2	82·8	76·2	82·0	76·2	80·0	70·8	74·0	69·2	72·0	68·2	72·0	68·0
31	65·0	64·0	68·5	67·0	78·0	72·0	81·5	72·0	80·0	70·6	80·0	70·5	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	70·8	73·9	69·8	72·8	69·0	72·0	68·7

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

DECEMBER 1887.

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

Day.	Wind. Direction and Force. 6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Vel.	Rainfall.	Remarks.
						miles.	ins.	
1	W 3	WNW 3	NW 4	WNW 3	Ca	185	·02	Fine all day, with ∞.
2	W 3	W 2	WNW 2	W 1	Calm 0	270	·05	Fine and fresh, with ∞ *a.* ⌒ 8*a.* ● showers from 10*a.*, with sunny intervals.
3	W 1	W 2	W 4	W 1	W 1	175	·87	● showers *a.* Fine till 8*p.* Squally ● showers 10*p.*
4	W 1	W 2	W 2	W 2	WNW 1	150	·15	● showers till noon. ⌒ 4*p.* Very fine 10*p.*
5	W 1	W 1	SSE 1	W 1	NW 2	285	·23	● showers till 4*p.*, then fine. (At 2*p.* ● shower came from ENE., wind being SSE.)
6	W 1	W 2	W 2	E 1	Calm 0	150	·04	Fine *a.* ●⁰ *p.* ⌒ 4*p.* ≋⁰ (mist) on N. hills 6*p.*
7	NW 1	Calm 0	NNE 1	NNE 2	Calm 0	125	·09	● *n.* Ugly 6*a.* ≋⁰ (mist) on N. hills, ● in E., 8*a.* Fine from 10*a.* ⌒ 4.30*p.* [Very fine 8*p.*
8	W 1	W 1	Calm 0	Calm 0	Calm 0	80	—	Fine all day. Sultry at 2*p.*
9	W 1	SSE 1	E 2	E 1	E 1	70	—	≋⁰ (mist) on swamp 6*a.* Red sunrise. Fine all day. ● showers in ESE., 2*p.*
10	W 1	S 1	E 3	E 1	E 1	120	—	≋⁰ (mist) on swamp, 6*a.* Fine *a.*, with ∞. Very fine *p.* ● showers 10*p.*
11	E 1	E 2	E 3	E 1	Calm 0	179	·24	● showers *a.* ≋⁰ (mist) on N. hills 8*a.* Fine all day from 10*a.*, with ∞.
12	W 1	E 1	E 1	ENE 1	Calm 0	141	·15	●⁰ *a.* ≋⁰ (mist) on N. hills, clouds low, 10*a.* Very muggy noon. ⌒ 4*p.* Fine from [6*p.*
13	W 1	E 1	ENE 1	ENE 1	Calm 0	75	·27	≋⁰ (mist) on swamp 6*a.* Fine 8*a.* Muggy and close 10*a.*—4*p.*, then very fine.
14	W 1	WSW 1	ENE 2	Calm 0	Calm 0	90	·23	≋ on swamp and S. hills 6*a.* Fine, with ∞ 8*a.* Overcast from 10*a.*, with drizzling ●
15	W 1	SSW 1	NE 2	ENE 1	Calm 0	75	·10	≋ till 8*a.* Fine all day. Local ● showers in S., 2*p.*
16	W 1	W 1	NNW 1	NbyE 2	Calm 0	100	—	⌓ *n.* Day very fine.
17	W 1	W 1	ESE 3	E 1	Calm 0	100	—	⌓ *n.* Very fine all day, with ∞ 2*p.* and 4*p.*
18	Calm 0	Calm 0	SxbyS 1	Calm 0	Calm 0	90	—	⌓ *n.* Day very fine.
19	W 1	WSW 1	E 2	NNE 3	N 3	70	—	⌓ *n.* ≋⁰ (mist) on swamp and hills 6*a.* Day fine, with ∞ *a.* Getting ugly at 10*p.*
20	Calm 0	W 1	E 3	NE 1	Calm 0	125	·07	● *n.* ≋⁰ (mist) on swamp and hills, ugly in S., *a.* Muggy and close till noon. Very
21	W 1	SE 1	ENE 1	Calm 0	Calm 0	153	·02	≋ 6*a.* Fine, with ∞ 8*a.* Muggy, with ● showers, 10*a.*—2*p.* Fine from 4*p.* [fine *p.*
22	W 1	E 2	ESE 3	Calm 0	Calm 0	102	·21	● *n.* ≋⁰ (mist) on swamp and valleys, ugly in E., 6*a.* ● in S. 8*a.* Fine from 10*a.*,
23	W 1	W 1	E 1	E 1	Calm 0	136	—	⌓ *n.* ≋⁰ (mist) on swamp 6*a.* Fine all day, with ∞. [with ∞ till 2*p.*
24	Calm 0	ESE 1	ESE 1	Calm 0	Calm 0	113	—	Dull 6*a.* Fine from 10*a.*
25	Calm 0	Calm 0	E 1	Calm 0	Calm 0	126	—	Dull 6*a.*, with ≋⁰ (mist) on swamp and N. hills. Fine from 8*a.* Very fine *p.*
26	WNW 1	W 1	ESE 1	Calm 0	Calm 0	80	—	⌓ *n.* ≋⁰ on swamp 6*a.* Thundery looking, with ●, in S. noon. ≋⁰ (mist) on
27	W 1	SE 1	ESE 3	E 1	Calm 0	75	—	≋ on swamp *a.* Fine from 10*a.*, with ∞. Red sunset. [hills 4*p.* Ugly 10*p.*
28	W 1	W by S 1	ESE 2	E 1	Calm 0	124	—	≋⁰ (mist) on swamp 6*a.* Dull *a.* Fine *p.* Very fine 8*p.* and 10*p.*
29	WbyN 1	SSE 1	ESE 2	Calm 0	Calm 0	171	—	⌓ *n.* ≋⁰ (mist) on swamp 6*a.* Day fine, with ∞. Dull at 6*p.*
30	S 0·5	W 1	ESE 2	NNW 1	Calm 0	129	—	≋⁰ (mist) on swamp 6*a.* Dull *a.* Fine *p.*, with ∞. Very fine 8*p.* and 10*p.*
31	W 2	W 1	E 3	Calm 0	Calm 0	72	—	⌓ *n.* ≋ on swamp and S. hills *a.* Day fine, with ∞. Very fine 8*p.*
Mean	1·0	1·2	1·9	0·9	0·3	126·9	2·34	

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. At 32° Faht. and Mean Sea Level.				Temperature.													Sunshine.	Rainfall.
					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	71·6	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	68·4	78·0	71·8	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	66·5	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	65·8	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	83·0	—	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	78·0	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	64·0	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	68·4	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	73·8	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	·238	·263	·194	·193	65·0	64·7	75·2	72·0	83·0	76·0	72·0	69·5	64·0	84·5	—	61·0	78·5	7·8	—
23	·197	·236	·159	·182	64·5	64·0	76·0	72·0	78·2	70·0	70·0	66·0	64·0	79·0	—	60·5	78·7	7·9	·37
24	·189	·197	·117	·178	66·4	66·0	76·5	72·0	78·0	71·8	73·0	69·0	64·5	80·7	—	60·5	78·5	6·4	·40
25	·162	·202	·141	·145	66·0	65·4	76·8	72·7	79·6	71·4	71·0	67·0	65·0	80·0	—	62·0	78·5	9·1	—
26	·158	·193	·090	·113	65·2	64·4	73·0	69·5	83·0	73·0	73·0	70·0	62·0	84·5	—	58·5	78·5	10·3	·05
27	·104	·185	·139	·156	70·4	68·8	76·2	72·0	84·0	73·0	74·0	72·0	67·0	84·5	—	63·0	78·5	9·0	·02
28	·123	·132	·086	·087	73·0	70·0	79·0	74·0	86·0	73·5	73·5	70·5	69·5	86·0	—	65·0	79·0	7·8	—
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	—	68·5	79·0	0·0	·94
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	—	59·5	79·0	5·8	1·20
31	30·200	30·198	30·126	30·147	68·0	67·5	70·2	69·4	77·5	70·0	71·0	68·0	67·0	81·0	—	65·5	78·5	7·1	·43
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. 9 a.m. Form.	Amt.	Dirn.	Vel.	9 p.m. Form.	Amt.	Dirn.	Vel.	Wind. Direction and Force. 9 a.m.		9 p.m.		Vel.	Remarks.
													miles.	
1	Cum.	9	E	2	Cum.	3	—	—	W	1	Calm	0	190	≋⁰ (mist) on swamp 7a. ∞ during day.
2	Cum.-s.	7	E	3	Cum.	2	—	—	W	1	E	0·5	215	∞ ☂ a. Day fine, with ∞. ⌒ 4p. Very fine 9p.
3	Cum.	2	—	—	Cum.	1	—	—	WSW	1	E	1	130	☂ n. ≋⁰ (mist) on swamp 7a. Day fine.
4	Cum.	4	E	2	Cum.	5	E	1	W	1	ENE	1	125	☂ n. Fine a. Close and muggy p., with ● showers.
5	Cum.	7	E	2	Cum.	6	N	1	SSbyS	1	NbyE	2	125	☂ n. Very fine day.
6	Cum. Nim.	10	ENE	1	Cum.	5	NNE	1	W	1	NbyE	1	120	●⁰ showers a. ≋⁰ (mist) on hills. Clouds low. Very fine p.
7	Cum.-s.	4	E	2	Cum.	8	NE	1	W	1	ENE	1	130	☂ n. Fine day.
8	Cum.	7	E	2	Cum.	5	ESE	1	E	2	ENE	1	50	☂ n. Fine a., with ∞. ● showers p.
9	Cum.	4	E	2	Cum.	4	E	2	SW	1	Calm	0	95	∞ a. ● in S. ⌒ 9a. Very fine p.
10	Cum.	8	E	2	Cum.	4	E	1	W	1	Calm	0	100	Ugly appearance in S., with ● there, a. ⌒. Fine p., with ∞.
11	Cum.	5	E	3	Cum.	9	E	2	W	1	E	1	110	≋⁰ (mist) on swamp 7a. Fine, with ∞ a. ●⁰ showers p.
12	Cum.	7	E	3	Cum.	6	E	2	SSW	1	NNE	2	145	≋⁰ (mist) on swamp 7a. Day fine, with ∞. Double ⌒ 4p.
13	Cum.	9	E	4	Cum.	6	NE	3	E	2	NNE	3	185	● in N. and NE. a. ⌒. ⁄ (squall) ●⁰ p. Very fine 9p.
14	Cum.	9	E	3	Cum.	4	—	—	E	1	ENE	1	200	●⁰ in ESE. 7a. Day fine, with ∞. [Double ⌒ 4p.
15	Cum. Nim.	9	E	2	Cum.	4	—	—	SSW	1	ENE	1	120	● showers 7a. ≋⁰ (mist) on hills, clouds low 9a. Fine, with ∞ p.
16	Cum.	6	NEbyN	2	Cum.	7	NE	2	E	2	NNE	2	225	≋⁰ (mist) on swamp 7a. ∞ ⌒ during day. Very fine 9p.
17	Cum.	7	ENE	3	Cum. Nim.	10	—	—	SSW	1	ENE	1	80	Ugly appearance 7a. ● on NNE. hills. Day fine, with ∞.
18	Nim.	10	—	—	Str.	1	—	—	W	1	Calm	0	200	●⁰ till noon. Very fine p.
19	Cum.-s.	9	NNE	2	Cum.	8	N	2	W	1	Calm	0	195	≋⁰ (mist) on swamp 7a. Dull 9a. Very fine 2p.
20	Cum.	10	—	—	Cum.	3	—	—	W	1	Calm	0	70	● showers.
21	Cum.	7	E	1	Cum.	4	E	1	W	1	E	0·5	100	≋⁰ (mist) on swamp 7a. Day very fine. ● on S. hills.
22	Cum.	7	E	1	Cum.	4	—	—	WbyS	1	Calm	0	155	☂ n. ≋² (mist) on swamp 7a. Day sultry. ● showers p.
23	Cum.	7	E	1	Cum.	2	—	—	WbyS	1	NW	0·5	80	☂ n. ≋⁰ (mist) on swamp 7a. Day very fine.
24	Cum.	8	E	1	Cum.	4	S	1	W	1	NE	1	100	≋⁰ (mist) on swamp 7a. Fine day.
25	Cum.	6	E	2	Cum.	1	—	—	WSW	1	Calm	0	175	☂² n. ≋ on swamp and S. hills 7a. Day fine, with ∞.
26	Cum.	2	E	2	Cum.	6	S	2	W	1	Calm	0	100	☂² n. ≋⁰ (mist) on swamp 7a. Day fine, with ∞.
27	Cum.	5	W	1	Cum.	10	S	1	W	1	Calm	0	125	≋⁰ (mist) on swamp 7a. Day fine, with ∞.
28	Cum.	8	N	1	Cum.	5	N	1	E	1	Calm	0	150	≋⁰ (mist) on swamp 7a. ∞ a.
29	Nim.	10	—	—	Cum.	6	E	1	Calm	0	Calm	0	100	● most of day.
30	Cum.	6	E	3	Cum.	9	E	2	W	1	Calm	0	45	≋⁰ (mist) on swamp 7a. ● showers p. Dull 9p.
31	Cum. Nim.	10	—	—	Cum.	6	E	2	W	1	Calm	0	75	● n. and a. Dull, clouds low. ≋⁰ (mist) on hills 9a. ∞² 2p.
Mean	—	7·1	—	—	—	5·1	—	—	1·1		0·1		125·0	

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. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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.	°	°	°	°	°	°	°	°	°	°	°	°	°	hrs.	ins.
1	30·169	30·187	30·101	30·139	66·0	63·5	76·0	70·0	79·0	72·0	71·0	67·0	63·0	83·0	—	58·5	78·5	10·2	—
2	·122	·129	·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	—	66·0	78·5	8·0	—
6	·157	·182	·100	·157	68·0	67·0	78·5	72·0	83·0	75·0	74·0	70·2	66·5	86·0	—	62·0	79·0	9·7	—
7	·145	·174	·106	·121	72·2	70·2	73·8	71·8	79·4	73·8	70·9	68·0	69·8	80·0	—	66·0	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	75·0	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	75·0	79·0	73·0	73·0	68·0	64·5	83·0	—	61·0	79·5	9·7	·13
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	66·0	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	65·6	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	·114	·122	71·0	64·0	73·0	64·0	74·5	63·2	68·5	62·0	66·0	80·8	—	64·0	79·8	3·2	—
17	·100	·114	·038	·084	64·0	62·0	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	68·0	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	68·8	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	69·0	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	·198	68·0	66·0	72·0	69·5	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	65·0	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	·093	67·5	68·0	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	74·0	73·0	69·5	64·4	82·8	—	60·0	77·8	8·5	—
29	30·158	30·187	30·141	30·191	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
Mean	30·136	30·154	30·089	30·125	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

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.		
												miles.	
1	Cum.	5	E	1	Cum.	8	E	2	W 1		Calm 0	130	≋⁰ (mist) on swamp 7a. Day fine.
2	—	0	—	0	Cum.	9	N	2	W 1		Calm 0	100	≋⁰ (mist) on swamp 7a. Day fine.
3	Cum.	4	NE	1	Cum.	2	—	—	SSW 1		Calm 0	125	⌓² n. ≋⁰ (mist) on swamp 7a. Day fine.
4	Cum.	8	E	2	Cum.	10	E	2	W 1		Calm 0	185	≋⁰ (mist) on swamp 7a. Fine a., with ∞. Cloudy p.
5	Cum.	8	E	2	Cum.	8	E	2	W 1		ENE 1	205	Day fine, with ∞.
6	Cum.	4	—	4	Cum.	2	—	—	WSW 1		Calm 0	98	⌓ n. ≋⁰ (mist) on swamp 7a. Day fine. ∞ 2p.
7	Cum.	7	SSE	3	Cum.	1	—	—	ENE 1		Calm 0	177	≋⁰ (mist) on swamp 7a. Squally ● showers a. Fine p., with heavy [sea.
8	Cum.	6	E	2	Cum.	9	E	2	WbyS 1		NE 1	195	⌓² n. ≋⁰ (mist) on swamp 7a. Day fine.
9	Cum.	4	E	1	Cum.	2	—	—	W 1		Calm 0	150	≋⁰ (mist) on swamp 7a. Day very fine. [● on S. hills.
10	Cum.	6	NE	2	Cum.	1	—	—	swbys 1		Calm 0	95	⌓² n. ≋⁰ (mist) on swamp 7a. Very fine 9a. Very muggy 2p., with
11	Cum.	7	E	2	Cum.	1	—	—	SbyW 1		ENE 1	130	≋⁰ (mist) on swamp 7a. Day fine. ∞ 2p.
12	Cum.	6	ENE	2	Cum.	1	—	—	W 1		ENE 1	145	Fine, with ∞, a. Very fine p.
13	Cum.	6	E	1	Cum.	9	E	2	W 1		ENE 1	135	Day fine, with ∞. [shower 9p.
14	Cum.	6	NNW	2	Cum. Nim.	9	N	2	SW 1		N 2	184	Dull, with ≋⁰ (mist) on hills, and low clouds 7a. Fine 2p. ●⁰
15	Cum.	5	NNW	3	Cum.	3	N	3	NNE 2		N 2	105	Very fine and fresh.
16	Cum.	9	N	2	Cum.	7	NNW	3	W 1		Calm 0	115	Dull a. Fine, with ∞, p.
17	Cum.	9	E	1	Cum.	9	—	—	W 1		Calm 0	85	Muggy day, with ● showers. ⌒ 3p.
18	Nim.	10	—	4	Nim.	10	—	—	SSW 1		Calm 0	140	Dull and muggy, with ●⁰ ≋⁰ (mist).
19	Cum. Nim.	10	—	4	Cum.	9	—	—	NW 1		Calm 0	135	●⁰ ≋⁰ (mist).
20	Cum.	6	E	3	Cum.	6	E	2	W 1		E 1	80	≋ till 9a., then fine.
21	Cum.	5	E	1	Cum.	9	S	1	E 1		Calm 0	140	≋⁰ (mist) on swamp 7a. ● showers 2p.
22	Cum.	9	E	2	Cum.	2	—	—	S 1		N 2	175	● showers on N. hills 7a. Very dull 9a. Fine, with ∞ p.
23	Cum. Nim.	9	E	2	Cum.-s.	6	NE	1	W 1		NNE 2	190	Fine 7a. Ugly, with ≋⁰ (mist) on N. hills, 9a. Fine from 2p.
24	Nim.	10	—	4	Cum.	3	—	—	S 1		Calm 0	150	● at 9a., otherwise fine.
25	Cum.	9	E	2	Cum.-s.	2	—	—	W 1		ENE 1	115	Dull a. Very fine p.
26	Cum.	10	E	1	Cum.	3	—	—	Calm 0		ENE 1	180	Very dull a., with threatening appearance in N. and E. Very fine p.
27	Cum.	6	E	2	Str.	1	—	—	W 1		Calm 0	170	≋⁰ (mist) on swamp 7a. Day very fine, with ∞.
28	Cum.	5	E	2	Cum.	7	NE	3	W 1		NNE 2	184	≋⁰ (mist) on swamp 7a. ∞ 2p. Day fine.
29	Cum. Nim.	9	NE	4	Nim.	10	—	—	E 1		N 3	210	● showers most of day. Squally ⸝ 9p.
Mean	—	6·8	—	1·7	—	5·5	—	—	1·0		0·7	145·8	

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. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	30·174	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	—	65·5	78·0	4·0	·70
2	·215	·237	·204	·204	68·0	64·0	76·0	65·0	76·2	62·8	69·5	66·5	63·0	77·8	—	57·0	77·9	9·5	·20
3	·202	·219	·147	·144	63·8	64·0	69·0	65·0	78·0	65·6	68·0	66·0	59·5	79·5	—	55·0	77·1	9·0	—
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	7·7	—
5	·100	·116	·076	·105	65·0	63·2	72·0	67·0	79·0	70·0	72·5	65·5	61·6	80·0	—	55·8	76·8	10·8	—
6	·118	·143	·020	·073	65·0	63·0	76·0	69·8	82·2	71·6	68·0	66·5	62·8	83·5	—	56·0	77·0	9·3	—
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	9·5	—
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	8·8	·03
9	·145	·149	·143	·202	72·8	71·0	77·5	72·4	85·0	76·5	74·8	74·0	69·0	87·0	—	65·0	78·4	8·5	—
10	·168	·199	·132	·171	70·0	69·5	75·2	74·0	73·2	70·0	70·0	66·0	64·8	80·0	154·5	64·5	79·0	1·2	·11
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	1·3	·25
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	8·0	·05
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	5·7	—
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	1·3	—
15	·161	·168	·127	·193	68·0	63·8	77·0	69·0	78·4	68·9	72·0	63·0	64·0	81·0	149·0	60·3	78·4	5·3	—
16	·213	·211	·150	·169	72·9	63·8	74·2	66·0	75·4	64·5	68·8	63·0	67·0	76·0	135·0	62·0	78·4	2·5	—
17	·106	·139	·076	·103	66·9	64·4	77·0	70·2	79·0	69·8	72·0	66·0	64·0	79·0	142·0	59·0	78·2	9·6	—
18	·083	·100	·006	·095	71·8	69·9	76·3	71·7	88·0	76·5	72·0	71·0	65·6	88·0	148·0	61·5	78·4	7·2	—
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	5·0	·02
20	·141	·157	·096	·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	4·0	—
21	·133	·152	·074	·125	69·0	66·0	75·7	69·6	79·8	70·0	75·9	69·2	67·4	80·0	145·0	60·0	79·0	7·8	—
22	·128	·161	·100	·165	68·0	66·2	75·5	70·6	79·0	71·5	72·7	67·5	61·0	80·0	140·0	58·5	79·2	10·8	—
23	·127	·154	·101	·155	69·0	67·3	78·3	73·0	80·0	71·5	71·5	68·5	68·0	81·6	146·0	58·2	79·5	6·5	—
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	1·7	—
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	9·3	·04
26	·151	·177	·168	·177	73·2	68·7	76·0	69·5	79·5	71·3	72·5	69·0	69·0	79·5	142·0	65·0	79·6	8·5	—
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	10·7	—
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	7·3	—
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	7·0	—
30	·207	·234	·185	·229	67·0	65·7	75·9	70·0	80·0	71·0	72·0	67·0	65·0	80·0	142·5	65·0	80·0	6·3	—
31	30·205	30·231	30·123	30·171	75·5	70·0	77·9	72·8	79·0	69·8	71·8	68·5	70·8	80·0	153·0	61·0	80·0	7·7	—
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. 9 a.m.				9 p.m.				Wind. Direction and Force.		Vel.	Remarks.
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.	9 p.m.		
											miles.	
1	Cum. Nim.	10	E	5	Nim.	10	—	—	NNE 2	Calm 0	300	Rough ● showers.
2	Cum.	7	NE	2	Cum.	5	N	1	EbyN 2	NNE 2	110	∞ 9a. Day very fine.
3	Cum.	7	NNE	1	Cum.	3	N	—	W 1	ENE 1	185	∞ a. Day very fine.
4	Cum.	6	E	1	Cum.	4	—	—	W 1	ENE 1	115	≋0 (mist) on swamp 7a. ∞ 9a. Very fine p.
5	Cum.	6	ENE	2	Cum.	7	NE	2	SSW 1	N 1	110	≋0 (mist) on swamp 7a. Day fine. ∞ 9a.
6	Cum.	4	N	1	Cum.	1	N	—	W 1	E 1	185	Very fine all day.
7	Cum.	4	NW	1	Cum.	3	N	1	S 1	N 1	135	≋0 (mist) on swamp 7a. Very fine 9a. ∞ 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	172	Fine day. ∢ in SW. 6p.
10	Cum. Nim.	10	E	3	Cum. Nim.	7	NE	4	NE 1	NNE 2	150	Dull, with ≋0 (mist) on hills and ● a. Very gusty with rough ● [showers p.
11	Cum.	10	E	2	Cum.	3	—	—	E 1	E 1	250	Very dull a. ∞ 2p. Very fine 9p.
12	Cum.	6	S	4	Cum.	7	WNW	1	SSW 1	Calm 0	130	≋0 (mist) on N. hills 9a. ∞ a. Day fine.
13	Cum.	6	W	1	—	10	—	—	NNW 1	NNW 2	100	Red sunrise. Threatening appearance p., with squally ●0. ⌒
14	Cum. Nim.	10	NW	2	Cum.	10	—	—	NW 1	Calm 0	90	Very dull and ugly a., with ≋0 (mist) on hills, and ● in S.
15	Cum.	5	WNW	2	—	8	—	—	NNW 1	N 1	60	≋0 (mist) on swamp 7a. ∞ a. Day fine.
16	Cum.	9	N	4	—	8	—	—	NbyE 3	Calm 0	125	∞ 7a. Gusty 9a., with threatening appearance in the N. Fine p.
17	Cum.	4	N	2	Cum.	9	S	1	WbyS 1	E 1	130	Fine day, with ∞. [from W. lasting 3 secs. and of a trembling nature.
18	Cum.-s.	4	W	2	Cum. Nim.	9	—	—	WbyS 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	WbyS 1	ENE 2	125	Dull, with ≋0 (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	Cloudy day, with ∞.
22	Cum.	5	ESE	2	Cum.-s.	2	—	—	SE 1	SE 2	225	Day fine. ∞ 2p.
23	Cum.	7	E	1	Cum.	4	—	—	SE 1	E 2	185	Dull 7a. Fine, with ∞ 9a. and 9p.
24	Cum. Nim.	9	NE	2	Cum. Nim.	9	E	3	E 2	NE 2	145	Day close and overcast, with ● showers. Squally 9p.
25	Cum.	4	E	1	Cum.	8	E	1	ENE 3	NE 1	250	Day fine, with ∞ 2p.
26	Cum.	6	E	1	Cum.	1	—	—	E 2	E 1	240	Day fine. Squally 9a. ⌒. ⁄ and rough sea 2p.
27	Cum.	6	SE	1	Cum.-s.	3	—	—	ENE 3	E 1	290	Day fine, with ∞.
28	Cum. Nim.	10	—	2	Cum.	9	E	2	E 2	E 2	265	Ugly 7a. ●8 9a. Very squally 2p. Earthquake 6a. lasting 3-4 secs.
29	Cum.	9	E	2	Cum.-s.	1	—	—	E 4	NE 1	245	Squally 9a. Very fine 2p., with rough sea.
30	Cum.	7	E	2	Cum.-s.	2	—	—	Calm 0	Calm 0	175	Fine from 9a., with ∞2.
31	Cum.	8	E	1	Cum.-s.	3	—	—	ESE 3	E 1	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. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	30·157	30·167	30·111	30·131	68·2	67·0	76·8	70·0	76·0	75·0	71·2	67·0	64·4	79·5	120·0	59·0	80·1	2·7	—
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	71·5	73·0	69·0	66·0	84·0	144·0	59·5	80·1	6·9	—
5	·213	·226	·186	·205	75·0	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	63·6	75·0	64·5	79·0	68·2	71·8	66·0	69·0	82·0	145·0	62·0	80·8	4·5	·02
7	·180	·189	·119	·115	71·0	64·0	74·0	68·0	78·5	68·5	71·0	68·0	65·0	80·0	142·0	56·5	80·8	2·8	—
8	·127	·139	·077	·105	69·0	66·0	77·0	69·0	78·0	67·0	70·0	68·8	65·0	83·0	**154·5**	61·0	80·6	7·8	—
9	·170	·183	·127	·191	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	65·4	80·0	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	75·5	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	75·2	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	79·0	71·0	71·5	69·0	70·0	84·0	148·0	65·5	82·0	5·3	·02
18	·098	·113	·078	·086	70·0	69·0	75·0	73·0	81·5	75·8	75·0	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	7·0	·02
20	·035	·053	·009	·029	74·0	71·8	79·0	74·6	88·5	72·0	77·8	75·0	72·4	88·5	144·0	67·3	81·9	9·0	·17
21	·045	·062	·042	·036	75·0	72·3	81·6	75·5	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	·49
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	·46
24	·027	·048	·005	·054	71·0	69·0	78·3	73·0	89·5	77·5	75·5	73·2	68·2	90·5	144·5	66·2	81·8	8·8	·20
25	·062	·081	·026	·120	68·5	68·3	73·6	72·9	83·0	75·4	75·7	73·0	68·0	87·2	**154·5**	66·0	81·8	5·7	·02
26	·092	·105	·083	·104	74·1	73·0	83·0	79·7	77·9	73·4	72·5	72·0	72·0	85·0	149·0	71·4	81·8	0·3	·24
27	·112	·125	·078	·079	69·2	68·2	78·5	71·2	76·0	73·0	72·0	70·0	66·2	79·0	147·8	68·0	78·1	1·0	**4·50**
28	·061	·111	·084	·077	70·8	69·0	75·2	71·2	72·2	71·0	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	71·0	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

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.		
											miles.	
1	Cum.	8	ENE	1	Str.	2	—	—	SSE 1	Calm 0	100	∞² *a.* Muggy and dull *2p.*
2	Cum.	8	E	1	Cum.	9	S	2	Calm 0	ENE 1	110	
3	Cum.	7	E	2	Cum.-s.	2	—	—	SSbyE 1	Calm 0	230	Dull *a.* ∞ *9a.* Very fine *p.*
4	Cum.	8	E	3	Cum.	4	N	4	W 1	N 2	160	⌓² *n.* ≋⁰ (mist) on swamp *7a.* Day very fine, with gusty wind *p.*
5	Cum.	7	NE	3	Cum.	5	NE	2	NE 3	E 1	210	Fine day.
6	Cum.	7	NE	2	Cum.	4	NE	2	ENE 1	Calm 0	165	Fine day, with ∞². ⌒ *4p.*, ● showers in the S. *p.*
7	Cum.	9	NE	2	Cum.	8	NNE	2	ESE 1	Calm 0	103	Dull *7a.* Fine, with ∞ *p.*
8	Cum.	8	N	3	Cum.	5	ENE	1	SSW 1	NE 2	80	≋⁰ (mist) on swamp *7a.* Day fine, with ∞.
9	Cum.	9	ENE	3	Cum.	4	E	1	W 1	NNE 2	220	≋⁰ (mist) on swamp *7a.* Day dull.
10	Cum.	9	NE	3	Cum.	2	N	—	SbyE 1	N 2	180	≋⁰ (mist) on swamp *7a.* Day dull. Squally ● showers in S.
11	Cum. Nim.	9	E	2	Cum.	7	E	1	W 1	Calm 0	130	Very ugly in E. and S. *7a.* Muggy *9a.*, ≋⁰ (mist) on hills. ∞ *9p.*
12	Cum.	7	E	3	Cum.	4	—	—	E 3	E 1	195	≋⁰ (mist) on swamp, ● *a.* Day fine, with ∞.
13	Cum.	6	E	4	Cum.	6	SSE	2	S 1	Calm 0	180	≋⁰ (mist) on swamp *7a.* Day very fine.
14	Cum.	6	SE	1	Cum.	8	SE	2	S 1	E 1	150	Dull *7a.* Day very fine.
15	Cum.	8	S	1	Cum.	9	SE	1	WbyS 1	Calm 0	130	Dull, with low clouds and ≋⁰ (mist) *a.* ∞² *2p.* ● in the S.
16	Cum.	5	SSE	5	Cum.	3	—	—	SbyW 1	E 1	245	≋⁰ (mist) on swamp, ● in the S. *7a.* ∞² *2p.*
17	Cum.	7	E	3	Cum.-s.	2	—	—	WbyS 1	Calm 0	200	≋⁰ (mist) on swamp *7a.* Fine, with ∞ *9a.* ●² on N. hills *2p.* Very fine *9p.*
18	Cum.	7	E	1	Cum.	10	E	2	W 1	Calm 0	140	≋⁰ (mist) on swamp and hills *a.* ≋² (mist) on hills *2p.*
19	Cum. Nim.	8	E	2	Cum.	4	—	—	E 3	Calm 0	305	∞ *7a.* Clear *9a.*, with ● in SE. Squally ● showers *2p.* ⊂ in SW. *9p.*
20	Cum. Nim.	8	NE	2	Cum.	2	—	—	SE 3	*Calm 0*	185	Dull, with ≋⁰ (mist) on hills *a.* Fine, with ∞ *p.*
21	Cum.	6	W	2	Nim.	10	—	—	E 2	Calm 0	150	Day fine, with ∞. ●² ☈ *9p.*
22	Cum.	6	E	2	Nim.	10	—	—	W 1	Calm 0	125	≋² (mist) on hills and swamp *a.* ●² ☈ *9p.*
23	Cum.	8	NE	2	Cum.-s.	8	ENE	2	SW 1	Calm 0	120	≋⁰ (mist) on swamp and hills *7a.* Day fine and clear. ●² ⊤ *p.*
24	Str.	2	—	0	Cum. Nim.	10	—	—	W 1	E 1	110	≋⁰ (mist) on swamp and hills *7a.* Day very fine. ●² ☈² *9p.*
25	Cum.	6	E	2	Nim.	10	—	—	W 2	Calm 0	125	≋⁰ till *9a.* ●⁰ showers *2p.* ● ☈ in SW. *9p.*
26	Nim.	10	—	0	Nim.	10	N	2	NW 3	NW 2	180	●² ☈ early *a.* ● ⊤ in SW. *9a.* ●² ☈ *9p.*
27	Cum. Nim.	9	SE	3	Nim.	10	—	—	NW 1	SE 4	160	● showers. ≋⁰ (mist) on hills *2p.*
28	Cum. Nim.	9	SE	3	Nim.	10	—	—	NNE 3	SE 2	190	≋⁰ (mist) on hills, ● showers *a.* and *p.* Squally.
29	Cum. Nim.	9	E	2	—	*10*	—	—	S 2	N 3	180	≋⁰ (mist) on hills and swamp *a.* and *p.* Very squally *9p.*
30	Cum. Nim.	8	E	2	Cum.-Nim.	10	—	—	NE 2	Calm 0	185	Dull, with ∞ *a.* Threatening appearance *9a.* Squally *2p.*
Mean	—	7·5	—	2·2	—	6·6	—	—	1·5	0·8	164·8	

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. At 32° Fahr. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	30·098	30·111	30·114	30·085	72·0	69·8	77·0	70·0	77·5	74·5	73·5	69·2	69·5	79·0	128·0	69·0	78·7	2·0	·02
2	·068	·087	·090	·087	69·4	67·8	77·0	72·2	79·0	73·9	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	69·7	78·0	73·5	81·0	75·8	73·0	68·5	68·5	81·5	145·0	63·0	78·7	8·5	—
5	·170	·195	·163	·197	73·0	70·5	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	83·5	147·0	67·2	79·2	8·4	·08
8	·107	·137	·076	·149	74·3	72·2	77·5	75·5	81·0	78·9	74·7	73·0	70·8	81·0	139·0	66·5	79·5	10·5	—
9	·115	·086	·028	·067	74·5	72·8	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	2·64
12	·091	·067	·015	·043	75·5	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	·008	·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	·090	·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	74·0	73·0	82·8	142·5	69·5	80·0	6·8	·23
17	·135	·128	·065	·118	75·0	74·0	80·0	74·5	81·8	74·0	76·0	73·4	69·0	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	74·0	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	74·0	71·0	82·0	145·0	70·0	80·0	5·5	·01
20	·143	·153	·065	·088	73·0	74·5	74·0	73·0	80·0	73·0	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	74·8	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	82·5	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	72·0	80·0	76·8	83·0	77·2	76·0	73·5	72·0	84·0	133·0	70·0	80·0	2·7	·13
26	·081	·084	30·061	30·068	77·0	74·2	81·0	77·0	75·0	72·0	76·0	73·0	75·0	87·0	146·0	71·0	80·0	2·0	·61
27	30·028	·018	29·979	29·982	76·0	75·0	80·0	72·0	78·0	72·0	75·0	73·0	72·0	85·0	140·5	72·0	80·0	7·3	·07
28	29·997	·010	29·992	30·031	74·8	73·9	79·0	76·0	81·0	75·2	73·0	74·0	72·5	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	73·0	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	72·7	78·6	74·9	80·7	75·3	75·0	72·4	71·6	82·4	140·9	68·5	79·6	176·4	7·61

Day.	Lower Clouds. 9 a.m. Form.	Amt.	Dirn.	Vel.	9 p.m. Form.	Amt.	Dirn.	Vel.	Wind. Direction and Force. 9 a.m.	9 p.m.	Vel.	Remarks.
											miles.	
1	Cum.-s.	5	—	2	—	10	—	—	N 2	N 3	95	Fine and clear *a.* ∞ *2p.* Dull and squally *9p.*
2	—	0	—	0	Cum.	8	—	—	W 1	Calm 0	120	Fine all day.
3	Cum. Nim.	8	E	2	Str.	1	—	—	ESE 2	Calm 0	110	Dull and ugly *a.* Fine *p.* ∞ *9p.*
4	Cum.	5	E	2	Str.	1	—	—	WSW 1	E 1	200	∞ *7a.* Fine all day.
5	Cum.	3	—	1	Cum.	2	—	—	SE 1	Calm 0	190	Fine all day. ∞ 0 *2p.*
6	Cum.	4	S	2	Cum.	6	SE	2	E 2	Calm 0	145	Fine and fresh *7a.* ∞ *9a.* and *2p.* Close, with ● 0 showers *9p.*
7	Cum.	5	E	1	Cum.	3	—	—	E 2	Calm 0	205	∞ *a.* Fine all day.
8	Cum.	5	E	2	Cum.	4	E	2	ESE 4	Calm 0	225	Very fine *a.* ∞ *2p.*
9	Cum.	4	E	1	—	10	—	—	ESE 4	Calm 0	315	∞ *7a.* Dark in S., with T there *2p.* Close and ugly *9p.* ☾ in SW.
10	Cum.	7	NE	3	Nim.	10	—	—	ESE 3	ENE 2	240	● 2 T from S. *p.* Dark and ugly *9p.* ☾ in E.
11	Cum.	7	E	5	—	10	—	—	ESE 2	E 1	300	● *n.* Fine, with ∞ *9a.* and *2p.* Dark and ugly *9p.*
12	Cum.	8	E	2	Cum.	8	E	2	E 3	E 2	199	● *n.* Day fine. ∞ *p.*
13	Cum.	6	E	1	Cum.	8	S	2	E 3	S 2	321	Fine all day, with ∞. ● showers in ESE. *2p.*
14	Cum.	5	E	1	Cum. Nim.	8	E	2	ESE 2	Calm 0	260	≋ 0 (mist) on N. hills *7a.* ∞ 2 *a.* ● in S. *p.* T in S. *3p.* ☾ in W. *9p.*
15	Cum.	5	ESE	2	Cum.	9	S	2	ESE 2	Calm 0	210	Day fine, with ∞.
16	Cum.	8	E	3	Cum.	7	E	1	ESE 3	Calm 0	190	≋ 0 (mist) on N. hills, ● *a.* Fine, with ∞ 2 *p.*
17	Cum.	4	ESE	3	Cum.	9	E	2	W 1	Calm 0	155	Fine all day. ∞ 2 *2p.*
18	Cum.	10	E	3	Cum.	10	ESE	4	SbyW 1	E 1	185	Dull and muggy *a.* ⌒. Fine *p.*
19	Cum.	9	E	3	Cum.	4	—	—	ESE 2	E 1	238	Ugly in S., with ● *7a.* Fine, with ∞ *; p.*
20	Cum. Nim.	10	E	2	Cum.	10	E	2	E 1	Calm 0	332	Muggy, with ● 0, *a.*
21	Cum.-s.	8	S	2	Cum.	10	SE	4	NNE 2	N 1	100	Dull and muggy, with ● showers.
22	Cum.	8	E	4	Cum.	10	E	2	ESE 2	E 1	240	Dull, clouds low, *7a.* Fine from *9a.*, with ∞.
23	Cum.	8	E	4	Cum.	10	E	1	E 2	E 1	215	● *n.* Day fine, with ∞ 2 *p.* Distant ☈ in SW. *9p.*
24	Cum.	6	E	2	Cum.	9	E	2	ESE 2	Calm 0	230	● *n.* Fine, with ∞. ☈ in S. *4p.*
25	Cum.	6	SW	1	Nim.	10	—	—	E 1	Calm 0	175	≋ 0 (mist) on swamp *7a.* ∞ 2 *2p.* ☈ in S. *p.*, in E. *8p.* ● 2 *9p.*
26	Cum.	6	E	2	Cum.	9	E	2	E 1	Calm 0	210	● *n.* Very dull, with ≋ 0, *a.* T in SW. *2p.* [T in SE. Very dull *9p.*
27	Cum.	6	E	2	Cum. Nim.	10	—	—	WSW 1	Calm 0	100	≋ 0 (mist) on hills, clouds low, *7a.* Squally at *1p.*, with ● in S., and
28	Cum.	10	E	2	Cum.	10	—	—	ESE 2	Calm 0	100	≋ 0 (mist) on hills and swamp *7a.* Day very dull and close. ☈ *p.*
29	Cum.	10	E	2	Cum.	10	—	—	WSW 1	Calm 0	100	≋ 0 (mist) on swamp and hills *7a.* Dull, close and muggy.
30	Cum.	10	E	1	—	10	—	—	E 2	Calm 0	125	≋ 0 (mist) on swamp *7a.* Very dark *9p.*
31	Cum. Nim.	10	—	1	Cum. Nim.	10	—	—	E 1	Calm 0	155	● *n.* ≋ 0 (mist) on hills *a.* Squally, with ● 2 *11a.* Dull and close *p.*
Mean	—	6·6	—	2·1	—	7·9	—	—	1·9	0·5	175·4	

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.

JUNE 1888.

Day.	Barometer. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	30·087	30·105	30·046	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	1·8	·98
2	·107	·112	·066	·073	76·4	75·0	81·7	77·5	80·7	75·8	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	76·2	85·0	78·5	79·0	76·0	75·0	83·0	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	76·0	85·0	138·0	73·5	80·0	11·3	—
5	·132	·128	·092	·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	6·0	·30
10	·120	·115	·054	·123	75·0	73·8	79·5	77·0	84·2	78·5	78·8	75·0	72·0	84·5	145·0	69·0	80·8	8·0	1·35
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	139·0	72·0	80·3	3·8	·15
12	·132	·145	·086	·129	76·8	74·0	81·0	77·0	84·0	78·0	75·2	74·6	74·0	84·0	138·0	71·5	80·5	9·5	·05
13	·137	·152	·092	·125	78·0	74·0	80·0	75·5	83·8	77·0	78·0	74·0	74·0	84·0	144·0	70·5	80·5	9·2	·73
14	·104	·114	·071	·080	77·0	74·5	80·5	76·0	81·0	78·0	75·5	72·0	71·0	84·0	143·0	68·5	80·6	8·7	—
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	80·3	1·3	·27
16	·085	·096	·039	30·067	75·0	73·4	81·5	77·8	84·8	77·0	76·0	74·0	72·0	85·0	132·0	69·0	80·0	12·0	1·67
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	30·023	81·0	77·0	81·8	76·8	86·0	80·0	79·0	73·0	76·0	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	76·5	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	5·3	—
22	·063	·062	·031	·055	80·0	77·2	83·0	78·0	81·0	78·0	78·0	77·0	78·0	85·0	146·5	69·5	82·0	6·5	—
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	83·0	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	76·0	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	143·0	70·6	80·6	229·8	12·84

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.		
												miles.	
1	Cum.-s.	9	SW	1	Cum.	6	S	1	E	2	ENE 1	100	● n. ≋ (mist) on N. hills a. Very fine 9p., with < in SW.
2	Cum.	3	E	1	Cum.	5	—	—	ESE	2	ENE 1	165	Distant T ●² in SW. noon. ⚲ here 0.7p.—1.15p. ⁄ from S. 0.30p.,
3	Cum.	4	E	1	Cum.	8	E	1	SE	1	E 1	165	≋⁰ (mist) on swamp 7a. Fine day. ● showers in the S. [with ●².
4	Cum.	7	E	1	Cum.	4	—	—	ESE	2	Calm 0	155	≋⁰ (mist) on N. hills a. Distant ⚲ in S. p. Very fine 9p., with <
5	Cum.	6	E	1	Cum.	7	E	1	E	2	Calm 0	255	Fine a. Very close 2p. Very fine 9p. [in W.
6	Cum.	6	E	1	Cum.	9	SE	1	SE	1	E 1	101	≋⁰ (mist) on swamp 7a. Very dull 2p.
7	Cum.	9	E	1	Cum. Nim.	10	—	—	W	1	W 1	110	⚲ ● in S. 3p., passing westward. Waterspout in the S. < ●⁰ 9p.
8	Cum.	6	SE	2	Cum.	8	S	1	W	1	Calm 0	95	Sultry a. ⚲² ●² from S. 1p.—3p. ⁄ in squall 2p. < in S. 9p.
9	Cum.	5	E	1	Cum.	4	—	—	WSW	1	Calm 0	75	T in S. 10a. ⁄ ●² 2p. ⚲ ● 2.20p. ⚲ in W. 6p.—7p. < in W. 9p.
10	Cum.	4	E	1	Cum.	8	S	1	W	1	E 1	100	≋⁰ (mist) on swamp and hills a. ⚲ ●² in S. 6p.—9p. < in E. 9p.
11	Cum.-s.	9	E	2	Cum.	8	S	1	E	2	E 1	245	⚲² early a. ≋⁰ (mist) a. Fine, with ∞ 2p. Distant T in S. p.
12	Cum.	6	ESE	2	Cum. Nim.	10	—	—	ESE	2	Calm 0	210	≋⁰ (mist) on swamp and hills 7a. Fine, with ∞ 2p. Distant T in S.
13	Cum.	4	E	1	Cum.	9	E	1	E	2	E 1	205	Fine all day. ∞ p. [p.; in W. 9p.
14	Cum.	7	E	2	Cum.	3	—	—	ESE	2	E 1	200	Fine a. ≋⁰ (mist) on hills 2p. ● showers. Very fine 9p., with <
15	Cum.	7	E	1	Cum.	3	—	—	SW	1	Calm 0	125	Double ⌒ 7a. ⚲ ●² 0.30p.—1p., passing to N. T ●² 1.30p.—2p.
16	Cum.	6	E	2	Cum.	7	ESE	2	E	2	Calm 0	75	≋⁰ (mist) on hills 7a. Day very fine. T in SW. p. Dull at 9p.
17	Cum.	5	E	1	—	0	—	—	ESE	1	Calm 0	180	Fine all day.
18	Cum.	1	—	0	Cum.	1	—	—	E	2	E 1	200	Fine all day. T ●² 1.30p.—4p. ⚲ ● in SE. 4.30p. ∞ 9p.
19	Cum.	6	SW	1	Cum.	10	—	—	E	1	ENE 1	200	≋⁰ (mist) on N. hills a. ∞ during day. T in S. 1p. ⚲ 3p.—5p.,
20	Cum.	4	SE	1	Cum.	10	—	—	ESE	2	ESE 3	215	Fine all day, with ∞. [passing to W.
21	Cum.	3	E	1	Cum.	10	S	1	ESE	2	Calm 0	295	∞ a. ⚲ ●² in SW. noon—1p. ⚲² overhead 6.45p.—7p.
22	Cum.	7	E	1	Cum.	10	—	—	ESE	2	Calm 0	145	≋⁰ (mist) 7a. ∞ 9a. ⚲ ●⁰ 11a., passing W. to E. ⚲ ● 8p.
23	Cum.	4	E	1	Nim.	10	—	—	ESE	2	Calm 0	80	Fine a. ⁄ ⚲ in E., passing to W. 2p. ⚲² ●² overhead 5p.—8p.
24	Cum.	5	E	1	Nim.	10	—	—	W	1	SE 2	125	≋⁰ (mist) a. ⚲ ●² in S., passing to W. 1p.—2p. ⚲² ●² overhead
25	Cum.	7	E	2	Cum.	9	SW	1	ESE	2	E 1	100	● n. ≋⁰ (mist) on swamp 7a. Day fine. ∞ 2p. [9p.
26	Cum.	7	E	3	Cum.	9	SE	2	W	1	E 1	265	Fine, with ∞ a. Sultry looking in S. 2p.
27	Cum.	9	E	3	Cum.	4	—	—	ESE	3	E 1	195	⌒ 6a. ≋⁰ (mist) on N. hills 7a. Day fine, with ∞. [in E. 9p.
28	Cum.	9	E	2	—	10	—	—	E	2	Calm 0	250	⚲ early a. Muggy, with ≋⁰ (mist) on hills, 7a. Distant T 1p. <
29	Cum.	5	E	1	Cum.	8	E	2	ESE	3	Calm 0	100	Ugly in S. 2p. T ● in S. 3p.
30	Cum.	9	E	1	Cum.	7	SSE	2	SE	1	Calm 0	95	≋⁰ (mist) on hills and swamp 7a. Close and muggy 9a. ⚲ in S. 4p.
Mean	—	6·0	—	1·3	—	7·2	—	—	1·7		0·6	160·9	

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. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	·127	·115	·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	·138	·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	81·9	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	89·0	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	·168	·126	·158	77·5	74·2	79·9	76·0	85·0	78·0	76·5	74·0	72·0	87·0	146·0	70·0	82·4	7·5	·11
8	·154	·150	·139	·170	78·5	74·2	83·0	77·0	85·0	79·0	80·0	76·0	73·0	87·0	143·0	71·0	82·5	9·5	—
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	·169	78·4	75·8	83·5	79·0	83·8	79·0	77·0	76·5	72·5	87·0	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	77·0	86·0	144·0	69·5	83·0	11·8	·54
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	·20
13	·063	·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	·068	·100	·054	·104	77·9	75·2	81·5	76·0	85·0	78·0	80·0	75·5	74·0	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	73·8	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	79·0	76·0	73·5	86·0	142·0	72·0	83·1	9·2	·03
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	2·0	·09
18	·093	·099	·041	·114	76·0	75·0	82·0	78·9	84·0	78·0	79·0	76·0	75·0	86·0	150·0	72·0	83·2	5·6	·02
19	·104	·120	·088	·119	75·0	74·5	81·0	78·9	83·8	78·5	74·0	72·0	72·5	85·0	150·0	72·0	83·1	6·7	·10
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	·23
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	·03
22	·135	·156	·104	·150	77·0	74·0	79·0	76·0	85·0	78·0	79·0	74·0	72·0	85·0	143·0	70·0	82·6	6·0	·53
23	·172	·170	·128	·126	76·5	74·0	81·0	77·2	86·0	75·0	75·9	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	·164	·138	·078	·076	76·8	74·0	81·0	78·0	82·2	77·0	77·0	75·0	72·5	85·5	151·5	70·0	82·8	2·2	·02
26	·109	·118	·066	·085	79·8	76·0	81·2	77·0	85·0	78·2	79·0	75·0	75·0	85·0	145·0	70·5	83·0	9·5	·12
27	·088	·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	·099	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	77·9	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	30·109	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	3·22

Day.	Lower Clouds. 9 a.m.				9 p.m.				Wind. Direction and Force.			Remarks.
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.	9 p.m.	Vel.	
											miles.	
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*. K² ●² in ESE., passing S. to N. *7p.—8p*.
3	Cum.	6	E	2	Cum.	7	—	—	ESE 3	S 1	160	≋⁰ (mist) on N. hills *7a*. Day fine, with ∞. ⌒ *5p*.
4	Cum.	5	E	1	Cum.	6	E	1	SSE 1	ESE 2	215	≋⁰ (mist) on swamp *7a*. Day fine, with ∞².
5	Cum.	6	E	1	Cum.	9	E	2	W 1	E 1	175	≋⁰ (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	≋⁰ (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	≋⁰ (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	≋⁰ (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 ●⁰, *7a*. Fine, with ∞², *p*.
13	Cum.	7	E	2	Cum.	3	—	—	SSW 0·5	Calm 0	230	≋⁰ (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 *a*. Very fine *a*. K⁰ ● 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	≋⁰ (mist) on swamp and N. hills *a*. Close *9a*. Very fine *p*.
17	Cum.	9	SE	2	Cum.	8	—	—	ESE 3	Calm 0	225	≋⁰ (mist) *9a*. K ●² in ESE. *4p.—6p*. Squall from ESE. *5p*.
18	Cum.	8	E	2	Cum.	10	—	—	ESE 3	Calm 0	185	∞ and ≋⁰ (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	≋⁰ (mist) on swamp *7a*., on hills *2p*. ⁄² ●² *1p*. ∞² *9p*.
22	Cum.	4	—	0	Cum.	8	E	2	Calm 0	E 1	135	≋⁰ (mist) on swamp *7a*. Day fine, with ∞.
23	Cum.	6	E	3	Cum.	8	E	1	SSW 1	E 1	170	≋⁰ (mist) on swamp *7a*. Day fine, with ∞.
24	Cum.	6	SSE	3	Cum.	9	—	—	W 1	Calm 0	195	≋⁰ (mist) on swamp and N. hills *a*. K² ●² in SW., passing to W. *2p*.
25	Cum.	10	E	1	Cum.	10	—	—	S 1	E 1	150	≋⁰ (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	● *a*. ≋⁰ (mist) on N. hills *9a*. Day fine, with ∞. < in S. *9p*.
28	Cum. Nim.	10	E	1	Nim.	10	—	—	S 1	Calm 0	145	≋⁰ (mist) ●⁰ *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	≋⁰ (mist) on swamp *7a*. Very fine day. ∞ *9p*., with < in S.
31	Cum.	5	SE	3	—	10	—	—	E 1	Calm 0	183	≋⁰ (mist) on N. hills *a*. K in S. noon—*2p*. Squall, with ● *3p.—4.30p*. Muggy *9p*.
Mean	—	6·5	—	1·9	—	5·5	—	—	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. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	30·082	30·102	30·054	30·098	74·0	72·0	82·0	76·0	85·5	77·0	79·0	75·0	73·0	85·0	140·0	72·0	83·0	10·0	·44
2	·097	·098	·052	·117	79·0	77·4	81·5	79·5	86·5	79·2	80·0	76·0	75·0	86·5	144·0	73·0	83·0	10·5	·06
3	·123	·112	·058	·098	79·0	76·2	84·0	76·0	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	75·0	72·5	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	76·0	75·0	79·0	77·0	86·0	79·6	79·2	76·0	75·0	88·4	154·0	73·0	83·3	6·0	·43
7	·071	·088	·062	·073	79·0	77·2	82·9	80·0	85·0	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	75·0	73·5	85·0	148·0	72·0	83·1	3·2	·80
10	·117	·112	·075	·070	77·6	75·0	83·0	76·0	86·6	76·0	80·0	75·0	72·5	87·0	148·0	70·5	83·0	8·5	·46
11	·059	·099	·053	·120	77·2	72·2	81·5	75·2	85·9	79·2	79·5	75·0	76·0	86·5	148·0	72·5	83·2	9·0	·19
12	·132	·131	·082	·092	78·5	76·0	81·9	78·0	87·0	78·0	79·5	75·5	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	73·5	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	85·5	79·8	79·0	73·0	75·8	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	75·0	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	·052	·096	78·6	76·0	82·5	76·5	86·0	79·0	79·0	75·0	75·0	87·0	144·5	69·5	83·0	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	74·0	81·0	77·9	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	143·0	73·0	83·1	9·5	—
24	·028	·061	·001	·026	80·6	76·0	84·0	78·0	78·0	75·6	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	30·027	·068	76·0	74·0	82·0	76·8	85·0	77·0	76·8	75·0	73·0	86·0	144·0	71·5	81·9	9·5	3·45
27	·030	·052	29·974	·008	75·5	72·6	82·5	79·0	86·0	79·5	77·0	76·0	71·5	88·0	143·0	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	73·0	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	78·0	76·0	75·0	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	75·5	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	75·0	89·0	149·0	70·0	82·0	6·7	—
Mean	30·081	30·087	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	10·21

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.		
											miles.	
1	Cum.	8	E	3	Cum.	6	—	—	E 3	Calm 0	140	Muggy, with ● showers 7a. Day fine, with ∞. ⊂ in S. 9p.
2	Cum.	8	SE	4	Cum.	2	—	—	ESE 3	E 1	215	⊓ n. Day fine, with ∞. Distant T in S. p. ⊂ in W. 9p.
3	Cum.	8	E	2	—	0	—	—	ESE 2	Calm 0	315	Day fine, with ∞.
4	Cum.	4	—	4	Cum.	6	—	—	SSW 1	NE 2	129	Fine, with ∞ a. Very close 2p.
5	Cum.	6	E	3	Cum.	4	—	—	SW 1	Calm 0	100	Fine a. Very close and muggy 2p. ⊂ in S. 9p.
6	Cum.	7	S	1	Cum.	8	—	—	Calm 0	E 1	85	≋0 (mist) on swamp, ⊓ in ESE. 7a. Fine p.
7	Cum.	8	E	3	Cum.	1	—	—	SW 1	E 1	100	● n. ≋0 (mist) on N. hills 7a. Fine, with ∞ p. ⊂ in S. 9p.
8	Cum.	8	E	2	Cum.	6	E	2	E 1	Calm 0	120	● in S. a. Very dark, with T. in SW. 10a. ⊓ 2 overhead 11a. ⊂ 9p.
9	Cum.	9	SE	1	Nim.	10	—	—	E 1	Calm 0	100	⊓ ● a. T in S. noon, then ● 2. Dull and muggy p., with ⊓ till 6p.
10	Cum.	6	E	3	—	8	—	—	ENE 2	Calm 0	155	⊓ 2 ● 2 before 7a. Very fine 2p.
11	Cum.-s.	8	E	2	Cum. Nim.	9	SE	2	E 2	Calm 0	180	Very fine a. ⊓ 2 to N. p.
12	Cum.	8	ESE	5	Cum.	4	—	—	ESE 3	Calm 0	175	⊓ ● before 7a. Day very fine. ⊂ in S. 9p.
13	Cum.	7	E	3	Cum.	5	—	—	SSW 1	Calm 0	120	Fine a. ● shower 1p. T in W. 2p.
14	Cum.	4	E	1	Cum.	10	—	—	ESE 2	Calm 0	140	≋0 (mist) on N. hills a. Very fine here 9a. T in W., ⊂ in S. p.
15	Cum.	7	E	2	Cum.	9	—	—	Calm 0	Calm 0	135	≋0 (mist) on swamp 7a. Day fine, with ∞. [⊂ in W. 9p.
16	Cum.	8	E	2	Cum.	6	E	1	WSW 1	Calm 0	175	Fine, with ∞ 2 a. ● 2 from E. 10a.—11a., then ⊓ in E., passing to W.
17	Cum.	6	E	2	Cum.	7	S	1	W 1	Calm 0	80	≋0 (mist) on N. hills and swamp a. Very fine p. ⊓ in ESE. 9p.
18	Cum.	8	ESE	1	Cum.	4	—	—	W 1	ENE 1	150	≋0 (mist) on N. hills a. Fine day, with ∞ 2 p.
19	Cum.	8	E	3	Cum.	3	—	—	ESE 3	ENE 1	100	Fine day, with ∞ 2.
20	Cum.	9	E	1	Cum.	4	—	—	SW 1	ENE 1	280	Very dull 7a., with ● T in ESE. Day fine, with ∞.
21	Cum.	7	E	2	Cum.	3	—	—	W 1	Calm 0	225	≋0 (mist) on N. hills a. Day fine, with ∞.
22	Cum.	8	E	2	Cum.	5	—	—	Calm 0	Calm 0	200	Fine day, with ∞ 2. ● showers in S. 2p.
23	Cum.	6	E	1	Cum.	2	—	—	E 1	Calm 0	255	Fine day, with ∞.
24	Cum.	5	E	2	Cum. Nim.	10	—	—	ESE 2	Calm 0	190	Fine, with ∞ 7a. Dull in E. 9a. Squall, with ● 1p. ● 9p.
25	Cum.	9	E	2	Cum. Nim.	10	—	—	SE 2	Calm 0	100	Squally ● n. Very dull 2p., ⊓ ● in S. ● 2 showers p. ⊂ in S.
26	Cum.	8	E	2	Cum.	1	—	—	ESE 3	Calm 0	240	● 2 n. ≋0 (mist) on hills 7a. Fine a. Very fine p.
27	Cum.	9	E	1	Cum.	1	—	—	W 1	Calm 0	125	≋0 (mist) on swamp and hills a. Very muggy 2p. ⊂ in S. 9p.
28	Cum.	6	SE	1	Cum.	1	—	—	W 1	ENE 1	100	≋0 (mist) on swamp 7a. Very ugly, with ⊓ ● in S. 2p. ⊂ in W. 9p.
29	Cum.	4	E	3	Cum.	7	—	—	ESE 2	Calm 0	70	≋0 (mist) on swamp 7a. Day fine, with ∞. T in SW. p.
30	Cum.	4	E	1	Cum.	2	—	—	W 1	Calm 0	160	≋0 (mist) on swamp 7a. Day very fine.
31	Cum.	6	E	1	Cum.	6	—	—	W 1	Calm 0	150	Very fine a.
Mean	—	7·0	—	2·0	—	5·3	—	—	1·5	0·3	155·1	

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. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	29·967	29·959	29·894	29·898	78·0	75·5	83·0	77·0	85·0	75·0	79·5	76·0	74·0	87·0	151·0	72·0	82·0	9·8	·49
2	·912	·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	·030	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	77·2	76·0	90·5	156·0	70·0	82·0	5·3	—
5	·929	·920	·874	·900	77·0	74·6	81·0	77·0	82·5	76·0	77·0	72·5	72·0	90·5	147·0	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	87·0	151·0	71·5	82·0	8·7	·08
8	29·985	30·004	·977	·973	76·2	73·0	82·6	78·0	82·0	76·5	78·0	75·0	73·5	87·5	147·0	70·0	82·0	6·7	·38
9	·979	29·970	·938	·933	77·6	75·0	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	149·0	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	82·0	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	·032	29·962	·011	75·0	73·5	80·0	77·0	82·9	77·2	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	75·5	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	84·0	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	73·0	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	73·9	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	85·5	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	74·2	73·5	85·0	151·0	71·0	80·9	2·3	·20
23	·983	·995	·919	·956	75·8	74·0	80·0	77·2	87·5	79·0	82·0	77·5	74·5	87·5	143·0	69·5	81·0	10·5	—
24	·976	·982	·914	·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	79·0	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	82·0	80·0	86·2	80·0	79·5	74·0	74·5	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	75·5	87·0	81·0	77·0	76·5	71·5	89·0	144·0	69·0	82·0	9·7	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	81·0	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.			
												miles.	
1	Cum.	8	NE	3	Cum. Nim.	7	N	2	W 1	Calm 0		50	● n. ≋0 (mist) on swamp and hills a. Day fine. Ugly in N. 9p.
2	Cum.	9	SE	2	Cum.	6	—	—	E 2	E 1		147	≋0 (mist) on hills a. ☾ in the W. 9p.
3	Cum.	4	—	0	Cum.	9	—	—	ESE 2	E 2		210	≋0 (mist) on hills a. Day fine.
4	Cum.	6	SSE	3	Nim.	10	—	—	ESE 1	Calm 0		280	≋0 (mist) on hills a. Dull at 2p. ☾2 ● in SW. 9p.
5	Cum.	6	S	2	Cum.	6	—	—	E 1	Calm 0		95	●2 in SE. noon, then ☾ in W. ☾ ● in S. 2p.—4p. ⸝ ● from S. [2.20p.
6	Cum.	5	SE	2	Cum.	4	—	—	ESE 2	Calm 0		140	≋0 (mist) a. ☾2 in SE. noon, and overhead 2p.—3.30p. Fine 9p.
7	Cum.	4	SE	2	Cum.	4	—	—	SSE 1	NE 1		105	≋0 (mist) on swamp and hills a. Day fine, with ∞. ☾ in S. 3p.—4p.
8	Cum.	5	E	3	Cum.	3	—	—	W 1	Calm 0		160	≋0 (mist) on swamp and hills 7a. ∞ 9a. ⸝ ☾ ● 10a. Fine 9p.
9	Cum.	5	E	2	Cum.	4	—	—	SSW 1	Calm 0		100	≋0 (mist) on swamp and hills a. ∞ p. ☾ in S. 9p.
10	Cum.	9	E	2	Cum.	8	E	2	W 1	ENE 1		125	≋0 (mist) on swamp 7a. Close and muggy 2p. ☾ in E. 9p.
11	Cum.	4	ENE	2	Cum.	4	—	—	SSW 0·5	E 1		75	≋0 (mist) on swamp 7a. ∞ 9a. Dull 2p. Distant T in SW. p.
12	Nim.	10	—	3	Nim.	10	—	—	E 1	Calm 0		100	T in W. a. ● 9a. ☾ ●2 in S. 2p. ☾2 overhead 6p. ☾ in NW. 9p.
13	Cum.	6	E	1	Cum.	10	—	—	E 1	Calm 0		130	●2 n. ≋0 (mist) a. Distant ☾ in S. 2p.–3p. Squall from SE. 4p.
14	Cum.-s.	5	E	1	—	10	—	—	E 1	Calm 0		100	≋0 (mist) on swamp and hills a. Distant T p. ☾ in W. 9p.
15	Cum.-s.	5	SE	1	Cum.	6	SbyE	1	W 1	ENE 1		100	≋0 (mist) on swamp a. Very fine 9a. T in SW. 2p. ∞ p. ☾ in
16	Cum. Nim.	10	E	1	Cum.	3	—	—	Calm 0	E 0·5		150	☾ n. and 9a. Day muggy, clouds low. ∞ 9p. ☾ in SE. [S. 9p.
17	Cum.	9	E	2	Cum.	10	S	2	W 1	E 0·5		100	≋0 (mist) on swamp and hills a. Day dull. ∞ 9p. ☾ in SSW.
18	Cum.	6	SE	1	Cum.	10	S	2	SSW 1	W 1		50	≋0 (mist) a. Sudden T2 overhead 11a., then ⸝2 from SE. ● 2p.
19	Cum.-s.	3	—	0	Cum.	7	S	1	WbyS 1	E 0·5		125	≋0 (mist) on swamp 7a. Day fine, with ∞. ☾ in ESE. 9p.
20	Cum.	4	—	0	Nim.	10	—	—	WbyS	E 1		100	≋0 (mist) on swamp 7a. Fine a. T in S. 2p. ☾ ● 9p.
21	Cum.	6	SE	1	Cum.	3	—	—	Calm 0	Calm 0		170	●2 n. ≋0 (mist) 7a. ☾0 ●2 p., passing SE. to NW. Very fine 9p.
22	Cum.	10	E	2	Cum.	9	E	3	E 1	SSE 1		135	≋0 (mist) a. Day very dull. ● T 2p. [☾ in S.
23	Cum.	4	E	1	Cum.	4	—	—	ESE 2	SSW 2		175	Very fine day.
24	Cum.	6	SSE	4	Cum.	8	S	4	ESE 2	ESE 2		200	≋0 (mist) on swamp and hills a. Very fine 2p. Ugly 9p.
25	Cum.	6	E	1	Cum.	8	—	—	ESE 2	S 2		135	∞ 9a. ● in SW. 2p. T. Day fine.
26	Cum.	6	W	1	Cum.	7	SW	1	Calm 0	SE 2		150	≋0 (mist) on swamp 7a. Day fine, with ∞. ● in S., distant T 2p.
27	Cum.	5	SE	2	Cum.	3	—	—	SE 1	Calm 0		175	≋0 (mist) a. Day fine, with ∞. Distant T in SW. 2p.
28	Cum.	7	ESE	3	Cum.	4	—	—	Calm 0	E 1		145	≋0 (mist) on swamp 7a. Day fine, with ∞.
29	Cum.	6	E	1	Cum.	2	—	—	NNE 1	Calm 0		185	≋0 (mist) on swamp and hills. ●2 showers. Fine p. ☾ in W. 9p.
30	Cum.	6	E	2	Cum.	5	—	—	SE 1	E 1		125	≋0 (mist) on swamp 7a. Day fine.
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. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	29·966	29·942	29·929	29·936	74·5	72·0	81·0	77·5	83·0	77·0	77·5	75·5	72·0	86·5	146·0	69·5	82·0	8·7	—
2	·921	·915	·876	·918	72·5	72·0	77·0	74·5	85·0	74·5	76·0	74·5	71·5	87·5	145·5	69·5	82·0	5·7	—
3	·966	·968	·948	·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
4	·973	29·962	·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	72·0	82·0	3·7	·06
5	29·964	30·005	·991	30·097	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	—
6	30·026	30·044	·939	29·944	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	—
7	30·005	29·982	·943	·982	76·0	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	—
8	29·995	30·022	·943	29·956	74·5	72·5	84·0	78·0	91·5	79·0	82·0	76·5	72·5	92·5	145·5	70·0	82·0	10·0	—
9	30·026	·062	·999	30·016	79·0	76·5	83·0	79·0	87·0	79·0	79·0	77·0	77·0	90·0	146·0	73·0	82·0	6·2	—
10	·027	·080	·997	·018	75·0	73·0	85·0	79·5	86·0	79·0	79·0	75·0	74·0	86·0	146·0	71·0	82·4	9·8	—
11	·055	·038	·961	30·003	77·0	75·5	85·0	79·0	86·0	77·0	80·0	77·4	74·0	86·0	140·0	71·0	82·6	9·8	·07
12	·060	·051	29·948	29·997	76·0	75·5	81·0	79·0	87·0	78·0	79·0	75·0	75·0	87·0	147·0	72·0	82·8	7·5	·34
13	30·033	·058	30·015	30·023	76·0	74·5	84·0	80·0	85·0	77·0	79·0	74·0	74·0	87·0	145·5	71·0	82·8	8·0	·01
14	29·995	32·009	29·940	29·962	76·0	76·0	84·5	78·5	84·5	78·0	76·5	75·5	74·5	87·0	145·0	71·0	82·8	7·3	—
15	29·947	29·966	·902	29·973	75·5	74·5	84·0	80·0	86·0	78·5	79·0	76·0	73·5	89·5	147·0	70·5	82·8	7·2	·18
16	30·009	30·026	29·952	30·015	75·0	74·0	85·5	80·5	86·0	78·5	78·0	75·0	72·5	87·5	145·0	70·0	82·8	9·7	·03
17	·052	·062	30·011	·028	77·0	75·0	84·5	79·0	86·5	78·0	78·5	75·5	74·5	88·5	150·0	70·0	82·8	10·0	·19
18	·031	·056	30·020	30·043	73·5	72·5	84·0	79·0	85·5	76·0	79·0	75·0	72·5	87·0	150·0	69·5	82·8	8·3	·25
19	30·010	30·020	29·960	29·980	75·0	74·0	82·0	78·0	85·5	79·0	79·0	76·0	74·0	88·0	140·0	70·0	82·9	8·2	·25
20	29·980	29·990	·913	·959	78·0	76·0	84·0	80·0	88·0	78·0	72·0	70·0	72·0	89·0	148·0	72·0	82·3	5·0	·75
21	·957	29·930	·927	29·952	72·3	70·5	82·0	76·4	88·3	78·6	77·5	73·5	70·0	90·0	142·0	70·5	82·3	3·0	—
22	29·988	30·005	29·934	30·042	71·8	70·2	81·0	77·5	84·0	78·2	78·0	75·0	70·0	85·0	145·0	68·0	82·2	9·5	—
23	30·052	·111	30·048	·074	73·8	73·0	82·0	78·5	82·0	77·0	79·0	75·0	73·0	90·0	146·0	70·0	82·2	2·3	·40
24	·084	·107	·053	·062	75·0	73·2	80·0	79·0	86·7	85·7	79·0	78·0	72·5	85·2	146·0	69·0	82·0	7·2	·70
25	·067	·076	·005	·030	71·0	70·0	75·5	76·0	77·3	76·0	75·0	74·0	70·0	85·0	141·0	66·3	82·0	1·7	·10
26	·055	·082	·026	·056	72·0	71·5	83·5	79·0	83·0	77·0	77·0	74·0	71·5	85·2	140·0	67·0	82·0	3·3	·30
27	·066	·093	·021	·045	73·0	72·0	76·0	74·0	86·0	78·0	76·0	75·0	70·0	89·0	152·0	67·0	81·8	5·8	·09
28	·065	·094	30·022	·038	74·0	72·5	83·0	76·0	83·0	82·0	75·0	75·0	71·0	87·0	149·0	67·0	81·8	7·3	·02
29	30·040	·059	29·980	30·015	72·5	73·0	83·0	79·0	85·0	77·0	77·0	75·0	70·0	90·0	149·0	67·5	81·8	8·0	·05
30	29·968	·009	·942	29·980	72·0	74·5	78·0	75·0	83·0	77·0	75·0	74·0	72·0	85·0	149·0	69·0	81·5	4·8	·38
31	29·963	30·002	29·964	29·977	75·0	72·5	79·0	76·0	79·0	73·5	74·0	73·0	70·0	86·0	145·0	68·0	81·4	5·8	·28
Mean	30·011	30·027	29·970	30·001	74·9	73·6	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

Day.	Lower Clouds. 9 a.m.				9 p.m.				Wind. Direction and Force.				Vel.	Remarks.
	Form.	Amt.	Dirn.	Vel.	Form.	Amt.	Dirn.	Vel.	9 a.m.		9 p.m.			
													miles.	
1	Cum.	5	E	2	Cum.	2	—	—	E	2	ESE	1	100	≋0 (mist) on swamp 7a. Day fine. ∞ p.
2	Cum. Nim.	9	E	2	Cum.	4	—	—	S	1	Calm	0	159	Day dull and muggy. ● T in E. 2p.
3	Cum.	9	E	2	Cum.	10	E	1	ESE	2	ESE	2	200	
4	Cum.	5	E	2	Cum.	7	—	—	ESE	2	Calm	0	226	≋0 (mist) on swamp 7a. Fine, with ∞ 9a. Muggy ● showers 2p.
5	Cum.	5	E	2	Cum.	4	—	—	ESE	2	ESE	2	175	Day fine, with ∞. [∞2 9p.
6	Cum.	5	E	1	Cum.	10	E	1	ESE	1	ESE	1	225	Day fine, with ∞.
7	Cum.	7	SE	1	Cum.	8	—	—	Calm	0	Calm	0	80	Fine day.
8	Cum.	3	—	—	Cum.	7	S	2	SE	1	S	2	75	Very fine day. ∞ 9p.
9	Cum.	7	SE	3	Cum.	4	—	—	ESE	2	SE	1	150	Fine, with ∞ a. ● T in S. 2p. ∞ 9p.
10	Cum.	6	E	1	Cum.	9	S	2	SSE	1	S	1	150	∞ a. Day very fine.
11	Cum.	7	ESE	2	Cum.	4	—	—	ESE	2	Calm	0	205	● showers a. Day very fine. ∞ 9p.
12	Cum.	7	E	1	Cum.	4	—	—	S	1	Calm	0	150	≋0 (mist) on hills. Very muggy a. Very fine 2p.
13	Cum.	8	E	2	Cum.	6	E	1	SW	1	ESE	1	100	≋0 (mist) ∞ a. Very fine 2p. < in E. 9p.
14	Cum.	7	E	1	Cum. Nim.	9	E	2	SW	1	E	1	200	≋0 (mist) 7a. ∞ 9a. ⚲ ● in S. 2p. ● showers p. < in E. 9p.
15	Cum.	5	SE	2	Cum.	4	—	—	SW	0·5	SE	1	140	≋0 (mist) on swamp and hills a. Day fine. < in S. 9p.
16	Cum.	5	E	2	Cum.	3	—	—	S	1	E	1	75	≋0 (mist) on N. hills a. Day very fine. T in SSW. p. < in W. 9p.
17	Cum.	5	E	1	Cum.	7	E	2	E	1	—		80	
18	Cum.	8	E	2	Cum.	9	—	—	ESE	2	ESE	2	20	
19	—	—	—	—	—	—	—	—	W	4	—		100	
20	—	—	—	—	—	—	—	—	W	4	E	1	100	⚲0 9p.
21	—	—	—	—	—	—	—	—	W	2	E	2	150	
22	—	—	—	—	—	—	—	—	W	1	Calm	0	150	
23	—	—	—	—	—	—	—	—	W	2	Calm	0	155	
24	—	—	—	—	—	—	—	—	W	1	—		125	
25	—	—	—	—	—	—	—	—	W	2	—		150	
26	—	—	—	—	—	—	—	—	W	1	—		150	
27	—	—	—	—	—	—	—	—	W	1	—		75	
28	—	—	—	—	—	—	—	—	W	1	—		105	
29	—	—	—	—	—	—	—	—	W	1	—		155	
30	—	—	—	—	—	—	—	—	N	1	—		100	
31	—	—	—	—	—	—	—	—	W	1	—		125	
Mean	—	—	—	—	—	—	—	—		1·3	—		133·9	

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. At 32° Faht. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	30·012	30·034	29·082	30·030	72·0	74·5	79·0	74·0	87·0	80·0	76·0	74·0	71·0	90·0	149·0	69·0	81·5	8·2	·33
2	29·996	30·044	·958	29·962	72·0	74·5	82·0	79·0	81·0	78·0	76·0	75·0	71·0	87·0	153·0	70·0	81·0	6·5	·30
3	·924	29·955	·888	·898	74·0	73·0	77·0	76·5	83·0	77·0	78·0	75·0	72·5	85·5	145·5	70·0	81·0	3·7	·80
4	·895	·927	·873	·903	78·0	76·0	79·0	77·0	82·0	79·0	75·0	75·0	71·0	82·0	142·0	72·0	81·0	2·0	·17
5	29·960	29·997	·953	·980	71·5	71·0	80·0	78·0	80·0	85·0	73·0	72·5	70·0	88·0	145·0	69·0	80·5	4·2	·28
6	30·018	30·033	·957	29·974	74·0	74·0	81·0	80·0	86·0	83·0	77·5	77·0	73·0	86·0	154·0	69·0	80·5	9·0	·15
7	29·966	·009	29·961	30·002	75·0	74·5	79·5	78·5	84·0	84·0	74·0	73·5	73·5	84·0	149·0	71·0	80·8	4·0	·04
8	30·009	·068	30·004	·050	72·5	72·5	80·0	77·5	84·0	77·0	72·5	74·5	72·0	84·5	142·0	71·0	81·0	2·8	·12
9	·034	·096	30·030	30·065	70·0	70·0	79·0	76·5	84·0	82·0	75·0	75·0	69·0	86·0	148·0	62·0	81·0	5·8	·03
10	30·048	·065	29·995	29·998	70·5	70·0	81·0	85·0	82·5	82·0	77·0	77·0	68·5	87·0	153·0	66·0	80·5	8·0	—
11	29·997	·015	·950	29·978	73·0	72·0	80·5	80·0	89·0	88·0	76·0	76·0	69·0	89·0	151·0	67·0	80·2	9·3	—
12	30·006	·062	29·996	30·038	71·0	71·0	80·2	76·2	86·0	82·5	77·0	76·0	70·0	88·0	144·0	68·0	80·2	8·5	—
13	·056	·109	30·021	30·057	72·0	71·0	83·0	79·0	88·0	80·0	78·0	75·0	71·0	89·0	154·0	68·0	80·2	6·7	—
14	·072	·125	·047	29·978	72·0	71·5	81·0	76·0	85·5	80·0	76·0	76·0	71·5	88·0	151·0	69·0	80·5	6·5	—
15	·005	·036	·026	30·048	71·0	71·0	79·0	76·5	83·0	76·5	77·0	75·0	71·0	85·0	145·0	68·0	80·8	7·2	·32
16	·048	·098	·022	·020	71·0	70·5	78·0	75·0	84·0	78·0	76·0	73·5	70·0	86·5	142·0	68·0	80·8	7·0	—
17	·030	·062	·010	30·013	71·0	70·5	80·0	76·5	85·5	70·5	71·0	70·0	71·0	84·0	142·0	68·0	80·8	2·8	·90
18	30·036	30·060	30·009	29·996	75·0	70·5	74·5	72·0	82·0	72·5	75·0	75·0	67·5	84·0	150·0	65·0	80·5	6·0	—
19	29·972	29·988	29·938	·954	70·0	70·0	79·0	78·0	85·0	80·0	74·0	73·0	68·0	85·0	149·0	64·0	79·1	3·0	1·10
20	·977	30·007	·938	·955	74·0	74·0	79·0	76·0	87·0	76·0	76·0	73·0	69·0	88·0	156·0	68·5	79·6	6·0	·65
21	·996	30·011	·929	·962	70·0	70·0	80·0	75·0	86·0	78·0	75·0	70·0	70·0	87·0	149·0	65·5	79·8	9·0	·45
22	·926	29·965	·914	·940	70·0	69·0	73·0	73·0	79·5	79·5	76·0	73·0	69·0	86·0	140·0	66·0	79·8	6·0	—
23	·959	30·000	·939	·970	73·0	71·5	77·6	75·5	82·5	77·5	76·5	73·0	70·0	85·0	145·0	67·0	79·8	5·8	—
24	·970	30·010	·940	·980	73·0	72·0	77·6	75·5	82·5	77·5	76·5	75·0	70·0	85·0	149·0	67·0	79·4	6·5	—
25	·976	29·954	·855	·874	73·0	73·0	80·0	76·5	83·0	82·5	74·0	73·0	71·0	89·0	145·0	68·0	79·0	3·5	·90
26	·884	29·972	·870	·992	72·8	74·0	75·5	74·5	78·0	77·5	75·0	74·0	70·0	82·0	139·0	69·0	79·0	4·0	—
27	29·994	30·038	29·966	29·991	69·0	68·0	77·5	75·0	84·5	77·0	78·0	77·0	68·0	85·0	139·0	65·0	79·5	6·2	—
28	30·021	·075	30·007	30·045	77·0	75·0	81·0	77·0	85·0	79·0	76·0	75·0	70·5	86·0	146·0	66·0	79·5	2·5	—
29	·049	·089	·002	·046	73·5	73·0	79·0	77·0	80·0	82·0	74·0	73·0	72·0	90·0	145·0	70·5	79·5	3·8	—
30	30·042	30·086	30·034	30·030	71·0	70·5	77·0	76·0	88·0	77·0	76·5	75·0	70·0	88·5	148·0	69·0	80·0	4·0	·75
Mean	29·996	30·034	29·967	29·991	72·3	71·6	79·2	76·4	84·3	79·5	75·6	74·5	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.		
											miles.	
1	—	—	—	—	—	—	—	—	W 1	—	75	
2	—	—	—	—	—	—	—	—	W 1	—	67	
3	Nim.	8	—	—	—	—	—	—	W 1	—	159	
4	Cum. Nim.	8	—	—	—	—	—	—	W 2	Calm 0	104	
5	Cum.	3	—	—	—	—	—	—	W 1	—	75	
6	Cum.	3	—	—	—	—	—	—	ENE 1	—	125	
7	Cum.	6	—	—	—	—	—	—	SW 1	Calm 0	75	
8	Cum. Nim.	5	—	—	—	—	—	—	SW 1	—	105	
9	Cum.	3	—	—	—	—	—	—	W 1	E 1	100	
10	Cum.	2	—	—	—	—	—	—	W 1	E 1	125	
11	Cum.	3	—	—	—	—	—	—	E 1	—	75	
12	Cum.	2	—	—	—	—	—	—	W 1	—	100	
13	Cum.	3	—	—	—	—	—	—	W 1	—	105	
14	Cum.	5	—	—	—	—	—	—	W 1	—	50	
15	Cum.	3	—	—	—	—	—	—	W 1	—	150	
16	Cum. Nim.	5	—	—	—	—	—	—	W 1	W 1	100	
17	Cum.	4	—	—	—	—	—	—	W 1	—	125	
18	Cum. Nim.	8	—	—	—	—	—	—	W 2	—	110	
19	Cum.	4	—	—	—	—	—	—	W 3	—	100	
20	—	—	—	—	—	—	—	—	W 1	Calm 0	75	
21	—	—	—	—	—	—	—	—	W 1	—	50	
22	—	—	—	—	—	—	—	—	E 3	E 2	75	
23	—	—	—	—	—	—	—	—	— 4	—	75	
24	—	—	—	—	—	—	—	—	— 4	—	105	
25	Cum.	4	—	—	—	—	—	—	W 1	Calm 0	150	
26	Cum. Nim.	5	—	—	—	—	—	—	NW 1	W 2	95	
27	Cum.	1	—	—	—	—	—	—	W 1	—	100	
28	Cum.	6	—	—	—	—	—	—	E 1	—	150	
29	Cum.	4	—	—	—	—	—	—	W 1	—	105	
30	Cum.	4	—	—	Cum.	1	—	—	W 1	N 1	100	
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. At 32° Fahr. and Mean Sea Level.				Temperature.													Sun-shine.	Rain-fall.
					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	30·092	30·087	30·010	30·122	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	6·0	—
2	·088	·123	·045	·090	73·0	72·0	79·5	75·0	87·0	77·0	78·0	77·0	71·5	87·0	139·0	69·0	80·0	9·0	—
3	·094	·126	·070	·105	72·0	71·5	79·5	76·5	82·5	77·0	75·0	73·5	71·2	84·0	150·0	68·2	80·2	6·0	—
4	30·056	·094	30·017	30·060	74·0	73·0	80·8	77·5	84·0	77·8	77·0	75·5	72·5	85·5	138·0	69·5	80·5	9·0	—
5	29·997	·040	29·985	29·960	71·5	70·5	78·0	76·8	83·0	77·0	80·0	76·0	71·0	86·0	138·0	68·5	80·5	5·5	—
6	29·991	·047	29·980	30·020	72·5	70·0	78·5	75·5	76·5	75·5	74·5	75·0	73·5	84·0	139·5	66·0	80·0	0·3	·79
7	30·074	·085	30·034	·134	70·0	69·5	71·0	70·5	72·0	70·5	69·5	68·5	68·5	72·5	81·0	68·5	78·5	0·0	4·00
8	·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	—
9	·049	·080	30·012	30·013	71·0	70·0	78·5	75·8	82·8	70·5	76·0	74·0	68·5	85·0	139·0	65·0	78·5	10·0	—
10	30·000	30·037	29·934	29·948	71·0	71·0	79·0	76·0	85·0	79·5	78·0	76·2	71·0	84·0	151·5	65·0	78·5	8·7	—
11	29·958	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	—
12	30·004	30·074	30·003	·050	74·0	73·0	79·0	75·2	82·5	79·0	74·5	74·0	73·0	86·0	136·0	69·0	79·0	2·0	·04
13	·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	—
14	·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	—
15	·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
16	·175	·222	·128	·123	70·5	70·0	74·0	73·5	77·5	75·0	73·0	72·5	69·0	80·0	133·0	68·0	80·0	0·2	1·30
17	·082	·123	·039	·069	69·5	69·0	77·5	76·0	82·5	75·0	74·0	72·0	66·0	84·5	135·0	66·0	79·0	9·8	—
18	·075	·135	·064	·064	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	·073	·131	30·005	·078	70·0	69·0	78·0	75·5	85·5	75·5	72·5	72·0	69·5	86·5	146·0	66·0	79·0	5·5	—
20	·078	·084	29·990	·030	70·0	69·2	74·0	73·5	83·0	75·5	76·0	74·0	68·5	84·0	143·5	66·0	79·0	5·7	—
21	·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	—
22	·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	·26
23	·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	·70
24	·102	·114	·023	·080	70·0	69·5	70·5	69·8	76·5	74·5	78·0	72·0	66·5	80·5	132·5	66·0	77·8	0·0	·30
25	·057	·073	30·001	·078	71·0	69·5	72·0	70·5	78·5	75·0	75·0	72·5	65·0	82·0	137·5	66·0	77·5	0·8	·50
26	·014	·057	29·973	·004	71·5	70·0	74·5	72·5	78·5	75·0	75·0	73·0	70·0	84·0	143·5	66·0	77·5	1·7	·22
27	·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	—
28	·058	·136	30·077	·118	72·0	71·0	74·5	73·7	85·0	76·0	76·0	71·0	71·0	84·0	133·0	69·0	78·0	6·5	—
29	·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	—
30	·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
31	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	69·5	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

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.			
												miles.	
1	Cum.	2	—	—	—	—	—	—	W 1	Calm 0		50	
2	Cum.-s.	3	—	—	—	—	—	—	W 1	Calm 0		125	
3	Cum.	3	—	—	—	—	—	—	W 1	—		75	
4	Cum.	2	—	—	—	—	—	—	W 1	—		50	
5	Cum.-s.	5	—	—	Cum.	5	—	—	SE 1	S 3		155	
6	Cum. Nim.	10	—	—	Cum. Nim.	10	—	—	NW 1	N 1		200	
7	Nim.	10	—	—	Nim.	10	—	—	N 1	N 2		75	● 2 *n.* and all day, with squally ↙ from N. *p.*
8	Cum. Nim.	8	—	—	—	—	—	—	W 1	—		155	
9	Cum.	2	—	—	—	—	—	—	W 1	W 2		100	
10	Cum.	1	—	—	Cum.	4	—	—	E 1	W 2		150	
11	Cum.-s.	4	—	—	—	—	—	—	SE 3	—		230	
12	Nim.	10	—	—	—	—	—	—	W 1	—		75	
13	Cum.	3	—	—	—	—	—	—	W 1	—		75	
14	Cum.	6	—	—	—	—	—	—	W 1	N 2		75	
15	Cum. Nim.	10	—	—	—	—	—	—	NE 2	N 1		125	
16	Nim.	10	—	—	—	—	—	—	W 1	—		155	
17	Cum.	1	—	—	—	—	—	—	W 1	—		50	
18	Cum.	1	—	—	—	—	—	—	E 1	SE 1		125	
19	Cum.	4	—	—	—	—	—	—	W 1	Calm 0		100	
20	—	10	—	—	—	—	—	—	W 1	—		75	≋° (mist) *a.*
21	Cum.-s.	8	—	—	Cum.	8	—	—	W 2	N 2		155	
22	Nim.	10	—	—	Nim.	10	—	—	W 2	Calm 0		150	
23	Nim.	10	—	—	Nim.	10	—	—	SW 1	N 4		100	
24	Nim.	10	—	—	—	—	—	—	W 1	—		230	
25	Cum. Nim.	8	—	—	Cum. Nim.	10	—	—	W 1	Calm 0		100	
26	Cum. Nim.	8	—	—	Cum. Nim.	6	—	—	E 1	E 1		130	
27	Cum. Nim.	8	—	—	—	—	—	—	E 2	—		130	
28	Cum.	6	—	—	Cum.	2	—	—	W 1	Calm 0		90	
29	Cum.	3	—	—	—	—	—	—	E 2	Calm 0		80	
30	Cum. Nim.	6	—	—	Nim.	8	—	—	E 2	E 2		100	
31	Cum.	5	—	—	—	—	—	—	W 1	NE 3		75	
Mean	—	5·0	—	—	—	—	—	—	1·3	—		114·8	

SANCHEZ, San Domingo.—MONTHLY MEANS AND SUMMARIES.

1886.

Month.	Barometer. Readings corrected and reduced to 32° Fahr. at the Mean Sea Level.									Temperature.					Sunshine.	Vapour Tension at Noon.
										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.
Jan.	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
Feb.	·043	·069	·080	·047	30·003	29·993	·014	·047	·053	67·9	83·5	138·9	—	—	205·6	·715
March	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
April	29·987	·005	·004	29·984	29·951	29·930	29·949	29·969	29·997	67·0	87·7	—	66·4	—	271·0	·702
May	30·056	·060	·063	30·052	30·025	30·005	30·028	30·029	30·053	71·4	86·9	—	68·5	—	239·0	·747
June	·054	·067	·076	·058	·027	·020	·028	·055	·059	72·7	87·4	—	71·0	81·1	160·8	·790
July	·075	·092	·099	·076	30·048	30·037	·052	·078	·085	72·8	88·1	—	71·1	81·7	296·0	·871
Aug.	30·016	·034	·042	30·019	29·981	29·984	30·002	30·022	30·028	73·0	88·2	—	71·1	81·3	223·0	·875
Sept.	29·987	30·007	·014	29·984	·943	·941	29·963	29·986	29·999	72·1	89·1	—	70·4	82·0	230·0	·834
Oct.	29·969	29·998	·000	29·964	·926	·924	29·943	29·975	29·992	71·2	87·8	—	69·3	81·3	266·4	·804
Nov.	30·041	30·070	·080	30·038	29·999	29·996	30·013	30·040	30·049	69·5	84·8	134·3	67·5	79·5	231·8	·759
Dec.	30·069	30·102	30·113	30·078	30·030	30·029	30·030	30·076	30·082	66·3	82·4	—	64·1	77·4	205·0	·733
Year	30·033	30·055	30·061	30·033	29·996	29·989	30·005	30·031	30·043	69·9	86·0	—	—	—	2801·4	·764

1887.

	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	°	°	°	°	°	hours.	ins.
Jan.	30·123	30·155	30·166	30·125	30·084	30·079	30·100	30·129	30·139	65·5	82·0	—	62·8	77·2	258·0	·651
Feb.	·188	·220	·230	·189	·144	·139	·161	·190	·196	64·0	81·2	—	60·7	76·2	246·0	·618
March	·088	·120	·124	·095	·045	·031	·055	·087	·102	65·8	83·0	—	63·7	77·6	286·5	·615
April	·075	·101	·108	·084	30·035	30·013	·037	·067	·082	68·4	84·0	—	65·0	80·0	268·5	·690
May	·026	·042	·044	·027	29·991	29·981	·002	·030	·039	70·4	85·0	—	68·5	80·5	172·0	·748
June	·043	·052	·058	·041	30·010	30·001	·013	·035	·046	72·1	85·3	—	70·6	80·7	194·5	·784
July	30·102	30·104	·110	30·098	30·070	30·056	30·066	30·094	30·109	71·8	86·8	154·3	70·8	81·5	274·5	·810
Aug.	29·996	29·997	·004	29·995	29·961	29·952	29·961	29·983	29·996	72·6	88·6	133·7	71·2	82·6	—	·829
Sept.	30·009	30·018	·020	·995	·955	·946	·960	·988	30·006	72·4	90·3	—	70·9	83·5	248·6	·824
Oct.	29·984	30·004	30·005	·978	·940	·939	·949	·981	29·991	70·4	88·6	140·2	69·1	81·5	284·5	·808
Nov.	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
Dec.	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	252·0	·690
Year	30·056	30·074	30·085	30·055	30·015	30·007	30·023	30·050	30·062	69·0	85·4	—	67·0	80·0	—	·738

1886.

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	68·4	70·4	67·7	75·4	71·2	78·4	72·4	79·4	74·7	78·1	74·5	74·6	69·2	73·0	68·5	72·0	68·4
Feb.	70·3	68·9	74·2	74·6	78·9	73·6	80·4	73·7	81·0	73·5	79·5	73·0	75·6	74·4	74·1	70·4	73·0	70·0
Mar.	71·3	68·7	75·8	74·1	79·5	72·5	81·3	72·6	81·2	72·5	79·0	71·4	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	72·9	78·6	72·6	76·5	71·8	75·3	71·6
May	74·5	74·9	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	73·1
June	76·3	73·8	79·8	76·1	83·0	77·0	84·0	76·8	82·9	75·2	80·9	73·5	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	78·8	84·6	78·4	83·2	77·6	80·4	76·0	78·9	75·1	78·1	75·7
Aug.	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	77·4	75·5
Sept.	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
Oct.	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	74·5	77·0	74·0	76·4	73·9
Nov.	71·0	69·5	75·6	72·7	80·7	75·2	82·1	76·8	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	72·9	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	75·6	82·5	75·3	80·5	74·4	77·6	73·0	76·1	72·3	75·1	72·2

1887.

Jan.	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
Feb.	65·0	63·2	72·0	68·3	77·8	70·5	77·9	70·2	79·9	70·0	76·4	68·9	72·2	67·0	70·3	66·2	69·1	65·5
Mar.	67·2	65·5	74·1	69·6	78·8	71·4	80·5	71·4	80·8	71·5	78·1	70·3	75·8	68·5	72·0	68·0	71·1	67·7
April	70·4	68·4	75·4	71·4	79·2	72·6	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	75·3	81·9	75·1	79·1	73·9	76·8	72·8	75·2	72·2	74·2	71·9
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	75·7	82·2	77·0	83·5	77·1	83·9	77·0	82·4	75·9	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	76·2	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	72·8	76·0	73·3	75·2	72·5
Dec.	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
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	71·1

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.

1886.

Month.	Extremes of Temperature.								Wind Force.						Lower Clouds.			Rainfall.
	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.	
	°		°		°		°											ins.
Jan.	61·0	18th	87·0	11th	—	—	—	—	0·2	1·6	2·5	1·0	0·2	—	7·0	6·8	—	10·80
Feb.	62·0	18th	90·0	27th	150·0	22nd, 27th	—	—	0·6	1·6	3·0	1·1	0·2	—	7·8	6·5	5·6	4·73
March	62·0	4th	94·0	11th	148·5	28th	—	—	0·9	1·7	2·8	2·0	0·5	—	6·1	5·3	6·1	1·65
April	65·0	25th, 26th	**96·0**	**3rd**	—	—	61·0	26th	0·5	1·2	2·2	1·6	0·1	—	5·0	6·7	6·5	10·06
May	66·0	14th, 16th	94·0	2nd, 27th	—	—	62·0	14, 16, 18	0·6	1·5	2·3	1·5	0·4	—	6·4	7·2	6·4	10·60
June	69·0	8th	91·5	23rd	—	—	68·0	9th, 14th	0·3	1·3	2·1	1·2	0·4	—	7·3	7·9	8·1	9·77
July	**69·8**	**5th**	90·0	2nd, 16th	—	—	69·0	4, 5, 19	0·2	1·1	2·0	0·7	0·1	111·8	5·4	7·1	7·2	5·78
August	69·5	3rd	93·0	27th	—	—	68·0	15th	0·6	1·5	2·3	1·0	0·2	125·7	6·1	7·4	7·1	13·23
Sept.	69·0	2nd	94·0	22, 24, 28	153·0	5th	67·5	2nd	0·6	1·2	2·0	0·6	0·3	98·8	5·6	7·1	6·8	6·13
October	66·0	16th	92·0	23rd, 26th	153·0	2nd	64·5	16th	0·5	1·3	2·2	1·1	0·3	—	5·3	7·5	6·2	8·09
Nov.	64·0	30th	89·5	2nd	154·0	4th	62·0	30th	0·8	1·4	2·4	1·0	0·9	—	7·5	7·6	7·1	5·61
Dec.	63·0	25th	86·0	6th	144·0	1, 3, 14	61·0	25, 26	0·6	0·9	1·9	0·5	0·1	90·6	7·3	6·6	5·7	5·51
Year	—	—	—	—	—	—	—	—	0·5	1·4	2·3	1·1	0·3	—	6·4	7·0	—	91·96

1887.

	°		°		°		°											ins.
Jan.	62·0	17th	85·0	7th, 11th	147·0	7th	58·5	26th	0·6	1·4	2·5	1·0	0·5	134·2	6·5	6·5	5·9	2·56
Feb.	60·0	25th	83·0	8, 17, 23	147·0	19th	56·5	16th	0·6	1·4	2·4	1·1	0·5	151·4	5·9	6·9	4·4	1·23
March	60·0	7th, 10th	89·0	17th	—	—	56·5	10th	0·7	1·0	2·0	1·2	0·6	144·0	6·0	6·5	5·8	3·57
April	62·0	7th	89·5	29th, 30th	—	—	59·5	7th	0·6	1·4	2·0	1·2	0·6	175·3	6·8	6·2	5·7	3·40
May	64·0	4th	93·5	20th	—	—	62·5	4th	0·7	1·4	2·0	1·1	0·2	132·4	6·0	7·4	6·8	10·28
June	68·0	27th	89·0	9th, 12th	—	—	67·0	5th	1·0	1·6	1·7	1·1	0·4	165·0	6·5	7·8	7·1	11·08
July	68·5	3rd	92·0	20, 25, 31	148·0	22nd	68·0	3, 4, 27	0·8	1·7	2·2	1·1	0·3	144·0	5·2	7·0	6·4	5·21
August	—	—	—	—	—	—	—	—	1·0	1·4	1·8	1·1	0·3	138·8	6·3	7·7	—	6·39
Sept.	68·0	14th, 30th	96·5	25th	153·0	9th	67·0	14th	0·9	1·3	1·7	1·1	0·2	135·9	4·4	7·3	5·3	7·52
October	67·5	20, 28, 30	92·0	5th	150·5	12th	65·0	20th, 28th	0·7	1·1	1·5	0·6	0·1	111·6	4·7	7·6	5·5	3·66
Nov.	66·0	27th	92·0	30th	—	—	65·0	27th	0·8	0·9	1·7	0·9	0·3	116·5	6·0	7·5	7·1	8·09
Dec.	60·5	16th	86·0	16, 25, 26	—	—	58·0	16th	1·0	1·2	1·9	0·9	0·3	126·9	6·3	6·9	5·6	2·74
Year	—	—	—	—	—	—	—	—	0·8	1·3	2·0	1·0	0·4	139·7	5·9	7·1	—	65·73

1886.

Month.	Rainfall.			Weather, No. of Days of						Wind Direction, 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.	W.	N.W.	Calm.
	ins.	ins.																
Jan.	10·80	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	30
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	0	52
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

1887.

	ins.	ins.																	
Jan.	2·56	·84	20th	16	0	0	0	12	0	2	16	51	17	3	2	19	1	44
Feb.	1·23	·25	22nd	10	0	0	0	14	0	3	23	48	13	4	2	8	2	37
March	3·57	1·33	19th	14	0	4	0	14	0	15	16	40	16	9	1	19	1	38
April	3·40	1·94	16th	6	0	1	2	15	0	6	6	77	12	6	0	10	1	32
May	10·28	**5·50**	**16th**	18	0	13	4	18	0	7	12	49	22	11	0	15	2	37
June	11·08	2·50	21st	17	0	17	2	22	0	2	6	68	12	10	2	13	0	37
July	5·21	1·38	25th	16	0	17	5	20	0	3	9	58	27	1	0	21	1	35
Aug.	6·39	2·06	2nd	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sept.	7·52	1·40	19th	17	0	12	18	20	0	3	7	54	16	9	2	20	3	56
Oct.	3·66	·65	7th	17	0	9	7	22	0	2	14	59	10	12	4	22	1	51
Nov.	8·09	2·15	18th	14	0	4	7	22	0	8	10	33	15	9	3	20	6	46
Dec.	2·74	·87	3rd	15	0	0	0	21	0	4	7	31	9	4	2	48	7	43
Year	65·73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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 At 32° Faht. and Mean Sea Level.				Temperature.													Sunshine.
					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.
Jan.	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
Feb.	·136	·154	·089	·125	68·1	66·2	74·8	70·4	78·1	70·5	71·4	67·2	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	68·8	77·7	72·3	81·0	72·8	73·1	69·4	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	75·8	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	83·7	77·5	77·1	74·5	73·4	85·2	143·0	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	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
Sept.	·001	·006	29·952	29·987	76·5	74·6	81·0	77·4	83·4	77·6	78·2	75·2	73·3	86·6	145·2	70·6	81·8	192·7
Oct.	30·011	·027	·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
Nov.	29·996	·034	29·967	29·991	72·3	71·6	79·2	76·4	84·3	79·5	75·6	74·3	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	73·5	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	78·6	74·6	82·0	75·8	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.
	°		°		°		°				miles.		
Jan.	60·0	7th	89·0	4th	—	—	58·0	7th	1·1	0·7	125·0	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	90·5	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	—	99·5	—	—
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.	Calc.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
	ins.	ins.																
Jan.	4·92	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	5	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	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—